NEW HAVEN PUBLIC SCHOOLS LONG-RANGE FACILITIES PLANNING STUDY

Final 12-04-23

SVIGALS + PARTNERS

SLAM

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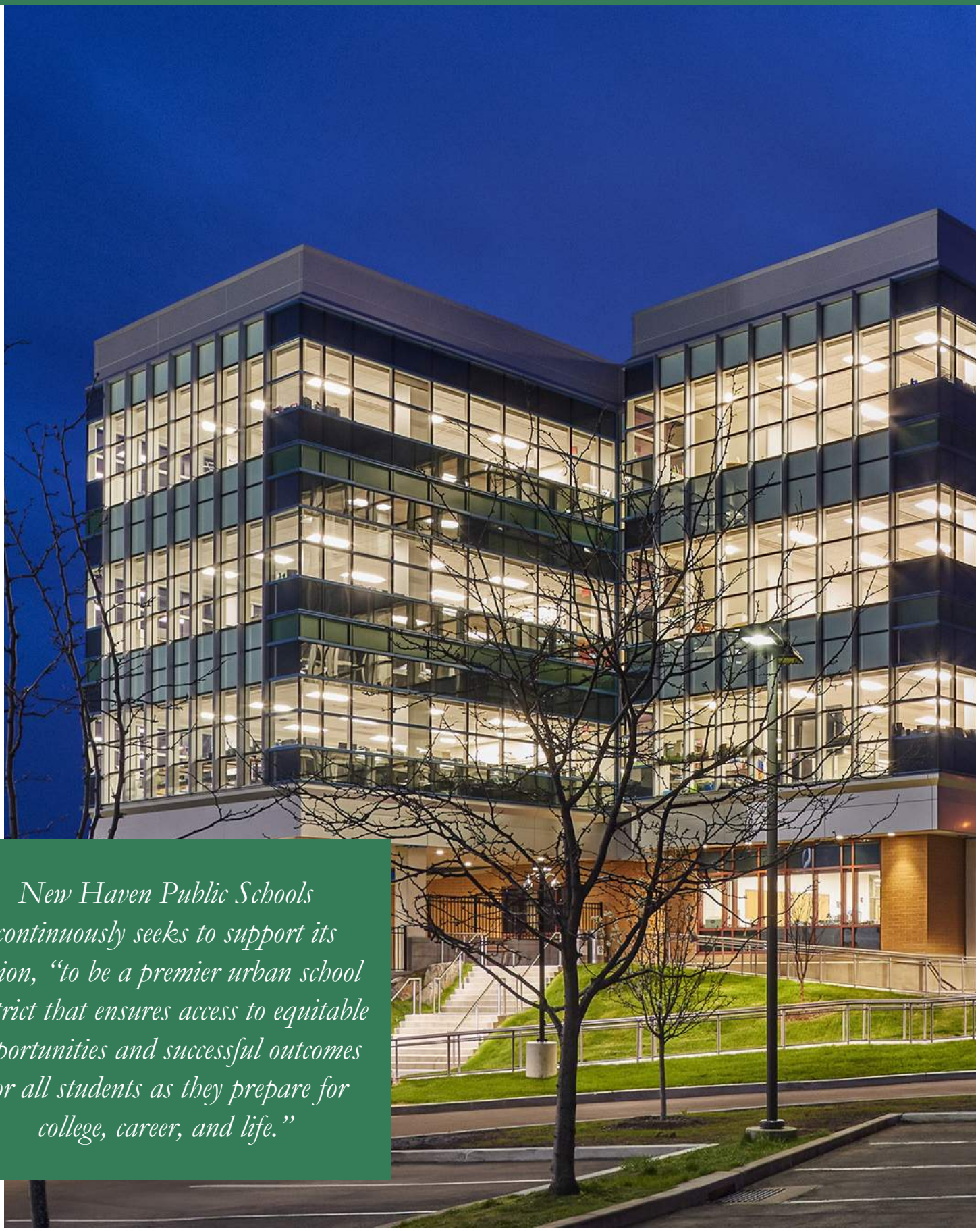
District Vision & Study Purpose



New Haven Public Schools continuously seeks to support its vision, "to be a premier urban school district that ensures access to equitable opportunities and successful outcomes for all students as they prepare for college, career, and life."

Engineering and Science University Magnet School

The City of New Haven and New Haven Public Schools (NHPS), identified the need to conduct a Long-Range Facilities Planning Study to determine future needs and physical footprint of the school system.

New Haven Public Schools continuously seeks to support its vision, "to be a premier urban school district that ensures access to equitable opportunities and successful outcomes for all students as they prepare for college, career, and life."

New Haven Public Schools' guiding mission is to provide all students in New Haven Public Schools with personalized, authentic, and engaging learning experiences through creativity, exploration, innovation, critical thinking, problem-solving, and high-quality instruction. To foster a culture of continuous improvement through collaborative partnerships with staff, families, and the New Haven community. To support students' growth and development by utilizing the Whole Child Framework.

In looking to the future, the NHPS will strive to continue to offer a diverse and quality education to all students in environments that support student learning while being fiscally responsible in the use of its resources and facilities.

The Master Plan is a road map that supports that mission through an efficient use and allocation of resources in response to curriculum and programmatic needs, projected enrollment, school capacity and the overall condition of facilities and infrastructure.

NHPS established the following charge to guide and frame the master planning process:

- Determine the most efficient use and allocation of resources given forecasted demographics, forecast enrollment, capacity of existing schools, and other relevant variables such as the condition of the building envelope and systems infrastructure; curricular and programmatic priorities; and
- Propose to the Board of Education a range of possible alternatives to the current use of facilities, configuration, infrastructure, practices, and procedures taking into consideration their relevant implications including, but not limited to, budget, facilitation of academic programs, impact on children and families, existing magnet school obligations, and legislative requirements and mandates.

The Planning Advisory Group (PAG) was formed from district leadership with diverse areas of expertise to serve as the interface between the design team and the district. The PAG provided data, reviewed initial progress reports and findings, provided feedback and context, established a framework for recommendations and reviewed the objectives and strategies to ensure alignment with the tenets of NHPS' strategic plan.

Challenges

Discussed in greater detail in later sections of this master plan and documented in the appendices, NHPS is facing a number of challenges that are impacting education in the district.

- Declining enrollment – NHPS declined by 3,100 students since 2016-17 and is projected to decline and additional 1,740 students over the next decade.
- Capacity Concerns – While the PK-8 schools have a seat surplus of about 3,300 seats, mostly in the neighborhood and intra-district magnet schools, the high schools are operating just over capacity. There is overcrowding at the City's Hillhouse and Wilbur Cross.
- Aging Infrastructure – NHPS Facilities require investment, with 10 schools identified in "poor" condition requiring significant investment, and 31 School Facilities have been identified as "Fair" conditioning, requiring capital renewal to maintain good working order. Only two schools have been identified as "Good" condition, requiring minor capital needs in the foreseeable future.
- Fiscal Operational Sustainability – Steep enrollment declines have led to surplus space across the PK-8 schools and an inventory of schools that doesn't align with the current and future enrollment. Further layering in the needed reinvestment across a number of the PK-8 buildings, there is a clear need to reduce the portfolio of buildings from a cost avoidance and improved efficiency of operations.

Overarching Planning Goals

Based on the assessment findings and input from the PAG, overarching project goals were developed.

Goal #1: Develop a sustainable action plan that addresses:

- Efficient uses of buildings and resources
- Facility investments
- Changing educational needs

Goal #2: Right size and reposition schools to guide funding and resources more deliberately toward the highest return-on-investment and provide equitable access to resources.

Goal #3: Leverage this Master Plan as a roadmap to develop detailed actions

Overarching Objectives

To support the success of the goals identified above, the following supporting objectives were developed.

- Formulate a plan to consolidate PK-8 schools within the next 3-years. NHPS should consider individual school utilization, condition/age, capital renewal vs. cost avoidance, current and future operational budgets, programmatic needs, and location as it determines the most appropriate next steps.
- Achieve fiscal and operational sustainability by aligning school facilities to enrollment to ensure efficient operation, a right-sized portfolio, and well-utilized school facilities.
- Develop a capital investment strategy that aligns with NHPS' ability to fund, repair and maintain facilities.
- Provide full complement of support spaces at each building in appropriately sized spaces.
- Address overcrowding at Hillhouse and Wilbur Cross by leveraging available space in other High School facilities to allow expansion of programming (i.e. CTE, medical/clinical tech).
- Improve quality of interdistrict magnet facilities and offerings.

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Study Approach

Our approach to the Work of this planning study begins with collecting the basic background information needed from which to make decisions. This includes developing an understanding of the current state of affairs and conditions and in some cases making projections for future trends as exemplified by the enrollment projections for the next ten years in the Demographic Analysis and Enrollment Projections. Noted below and then more thoroughly examined in the following sections of this Report are the major area of focus.

Demographic Analysis and Enrollment Projections

SLR International and SLAM led and conducted a city-wide demographic analysis and developed comprehensive enrollment projections for the next 10 years. The Team examined the factors that influence school enrollments – births, housing and economics. The trends that are revealed from this study provide a framework for the districtwide and school-by-school enrollment projections for the City of New Haven. These enrollment trends and projections are then used to guide the capacities needed across to the District as to how many "seats" will be needed to efficiently accommodate the expected populations.

A summary of their findings and projections can be found in Section 3 of this report and a full detailed report can be found in Appendix A.

Capacity, Utilization and Parity Assessment

SLAM led the space inventory and capacity assessment portion of the Study. School capacity, programming and equity of spaces were analyzed through a review of available floor plans, a facility questionnaire and follow-up discussions with individual school administrators to verify classroom usage, identify building deficiencies and to explore potential opportunities.

The utilization analysis included benchmarking facilities to discern inequalities and/or inadequacies and determine a study capacity for each facility. Through the inventory of spaces developed from the facility questionnaires, educational spaces in each building studied were quantified and characterized. Industry standard net square feet per seat factors and faculty contract limits were used to determine the maximum capacity of each classroom space to account for the varying classroom sizes and use across the district's schools. In those instances where the classroom size exceeded the benchmark, the teacher contract was used as the maximum capacity.

A more detailed description of the process and results can be found in Section 4.

Facility Condition Assessments

Svigals, SLAM, and OLA prepared the Facility Assessment Questionnaire and performed on-site assessments relating to architectural and mechanical conditions for the eleven school facilities selected by the Director of Facilities. The selected facilities represent a cross section of schools which were used to gauge the relative conditions of similar properties in the portfolio. Representatives from the New Haven Schools facility staff assessed the remaining school facilities and completed the Questionnaire noted above for an additional six school facilities. Reference Section 5.1 for the results of these assessments.

SLR performed on-site evaluations of 43 New Haven Public Schools to assess the overall site conditions, site circulation, accessibility, and the general condition of parking lots, sidewalks, playgrounds, athletic facilities and other major site elements. Reference Section 5.2.

D'Agostino and Associates performed on-site evaluations of the existing technology system infrastructure for 54 New Haven Public School facilities. Questionnaires were created for the district to answer and D'Agostino worked with Gilda Herrera, William Zesner, and Thomas Lamb to obtain the answers regarding the current media and direction of the technology infrastructure support. The areas of the study included: Horizontal Cabling Infrastructure, Backbone Fiber Infrastructure, Equipment Room Space Allocation, Equipment Cooling, Grounding and UPS/ Power Distribution. Reference Section 5.3.

Energy Use Summary and Recommendations

The intent of this section of the Report is to analyze the energy consumption for the fiscal year of 2019 for multiple schools within the New Haven School District. OLA previously completed energy modeling efforts for some of the schools analyzed within this study. The design energy usage found in these models was used as a comparison metric to verify if the building is performing at the expected level. The data found within

this study is based on utility bills provided from New Haven School District as is included in Section 6 of this Report.

Planning Recommendations

This Section provides the recommendations developed as part of the Master Plan which are intended to provide a framework to support the District's educational vision, right-size the portfolio of schools with present and projected enrollments, align future investment in fiscal realities, and ensure equitable use of the district's resources to maintain NHPS facilities for the years to come. Master Planning is an important process for districts by guiding capital investment in a thoughtful manner and helping the district reshape its schools to meet the needs of 21st Century teaching and learning. This Plan serves as a starting point for deeper discussions and future initiatives. Planning is a continuous process, and this document will provide a foundation for future decision making and plan refinement.

The recommendations in this plan are intended to be specific enough to provide meaningful guidance related to NHPS school organizational structure and facilities, while being flexible enough to respond to changing conditions and priorities over time as noted in Section 7 of this Report.

Engineering and Science University Magnet School

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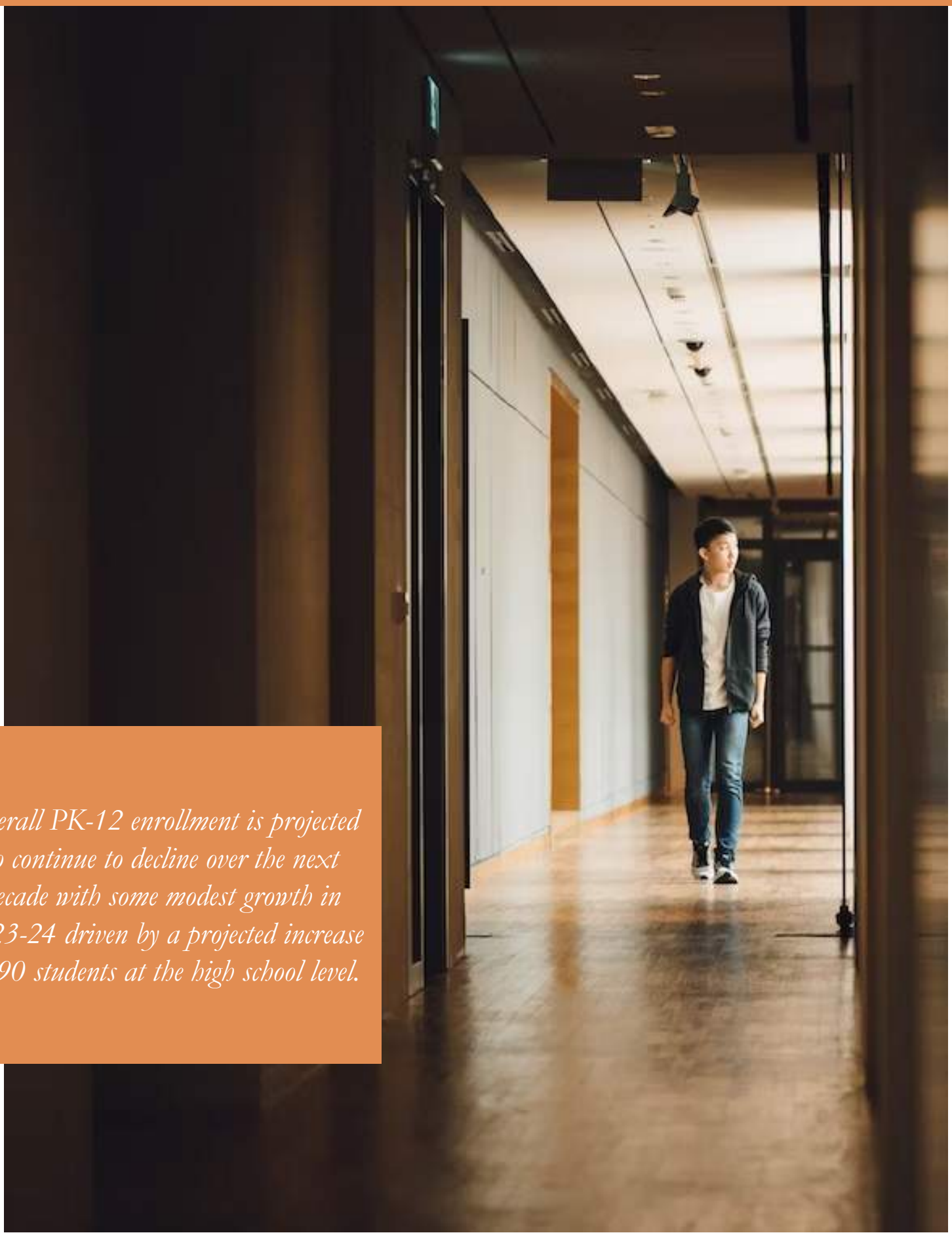
Demographics & Enrollment Projection Summary

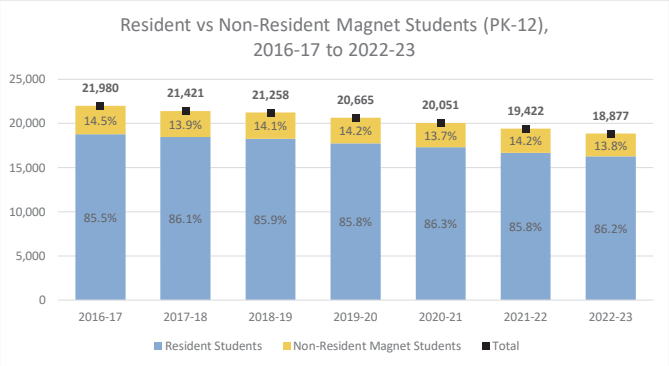


Overall PK-12 enrollment is projected to continue to decline over the next decade with some modest growth in 2023-24 driven by a projected increase of 90 students at the high school level.

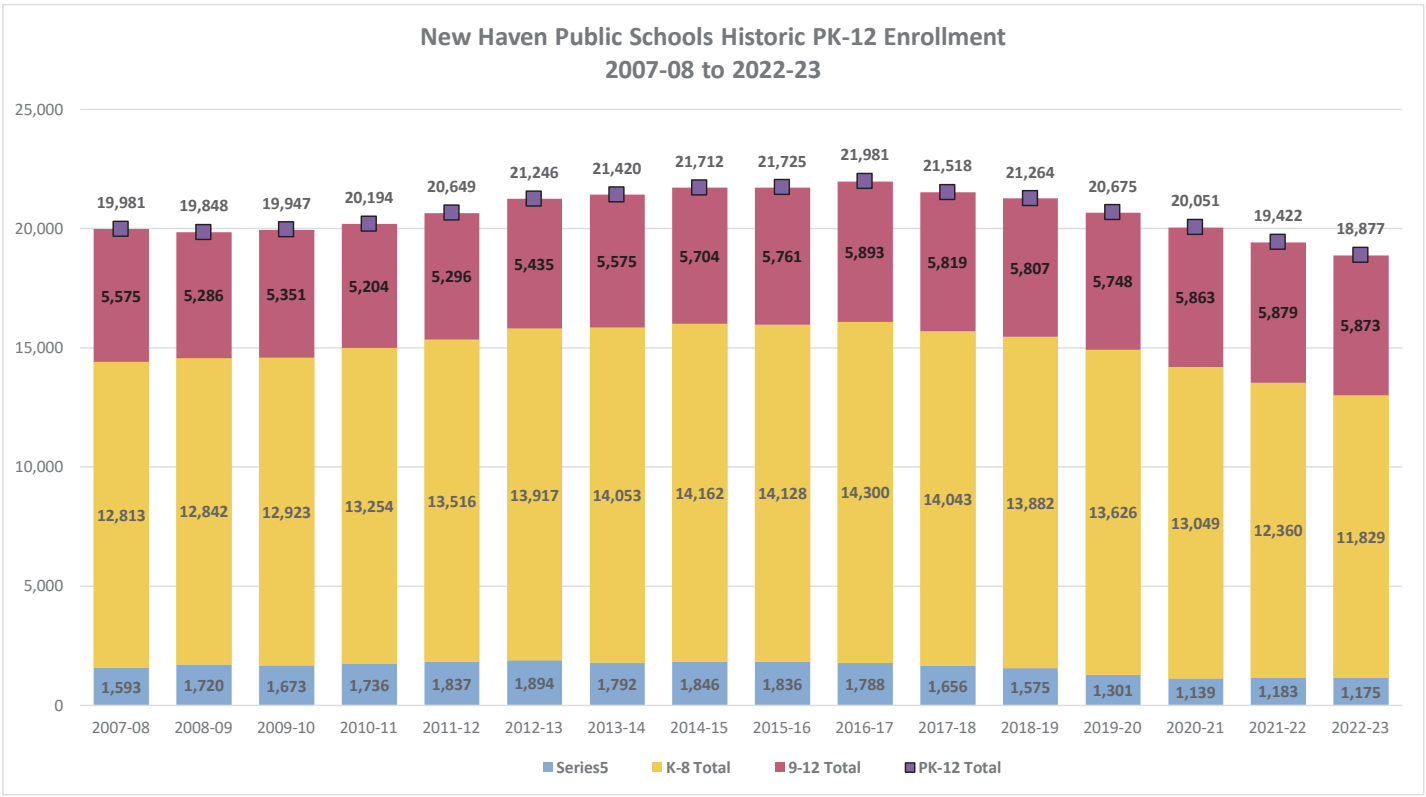
SLR Consulting and SLAM conducted a city-wide demographic analysis and developed comprehensive enrollment projections that examined factors that influence school enrollments, namely trends in demographics, births, housing, and economics of the next 10 years. These trends provide a framework for the districtwide and school-by-school enrollment projections for the City of New Haven. This section of the report is intended to satisfy the OSCG&R's requirements for 8-year enrollment projections as part of any school construction grant application. The full report on demographics and enrollment projections can be found in Appendix A.

Historic Enrollment Trends

WPS experienced a period of PK-12 enrollment growth between 2007-08 and 2016-17, growing by 10% from 19,981 students to 21,981 students. This growth was felt differently at different grade levels. At the elementary (K-8) grades, enrollment peaked at 14,300 students for the 2016-17 school year, a growth of roughly 1,500 students. High school enrollment (9-12) grew by approximately 320 students over the same period. Prior to the onset of the pandemic, enrollment in NHPS was declining. From the peak in 2016-17 through 2019-20, total PK-12 enrollment declined by over 1,300 students (-6%). Similar to other urban districts in Connecticut, NHPS saw its enrollment, elementary in particular, to continue to decline as a result of the COVID-19 pandemic. Over the last three years, overall Pk-12 enrollment has reached a recent low of 18,877 students, with K-8 enrollment at approximately 11,830, 9-12 enrollment at 5,870 and PK at 1,175 students.



As a district with a significant non-resident or interdistrict magnet school component, it's important to understand the recent trends for both resident and non-resident student to provide context to the enrollment decline. Since 2016-17, both resident and non-resident students declined albeit at different rates. Non-residents students declined by nearly 590 or -19.4%, while resident students declined by over 2,500 students, with sharpest drop in K-8 at approx. -2,230 students and PK at over 540 student decline. Despite overall enrollment decreasing over the past six years, the percentage of non-resident student has remained about the same, decreasing less than 1% as a share of the districtwide total.



Factors Influencing Enrollment

As part of the enrollment projections update, the project team evaluated the demographic, housing, migration, and economic trends that impact enrollment. Between the 2010 and 2020 census, New Haven's population grew by 3.4% to 134,023 residents. This was a faster growth rate than the State and County as a whole. As a largely built out community and new units largely coming from redevelopment projects, New Haven's population is expected to continue to grow moderately over the next decade.

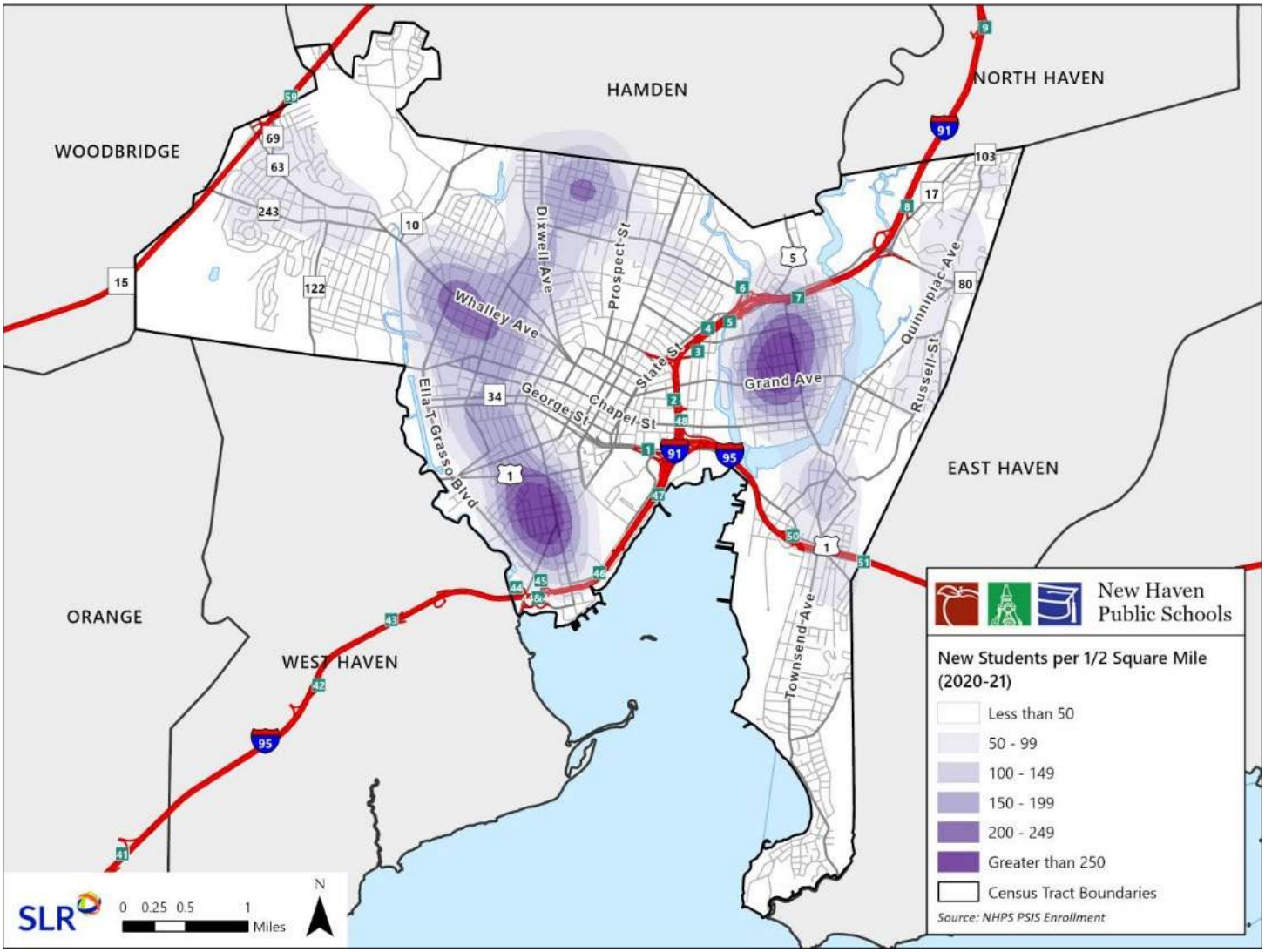
Birth trends are typically a good indicator of future kindergarten classes. Births in New Haven have been steadily declining over the past 15 years, decreasing by about 680 or 31.7% during that time. The decrease in births over the past decade has contributed to smaller resident student kindergarten cohorts. Births across the region of interdistrict towns have also been steadily declining since the mid-2000s, decreasing 14% over the past ten years. Decreased births throughout the region may result in fewer students to recruit for interdistrict magnet programs, especially at PK-8 schools.

Housing Developments Summary Table

Development Status	Projects	Total Units	Affordable Units	Market Rate Units
Completed (since 2015)	15	**1,751**	504	1,089
In Progress	12	**2,231**	473	1,758
Planned	26	**2,746**	921	2,050
Grand Total	**53**	**6,728**	**1,898**	**4,897**

New Haven's residential housing market and housing development has been very active. Since 2015, about 1,750 housing units have been built, and nearly 5,000 additional units are planned, approved or under construction. Much of this new housing is occurring in the City's downtown area. Based on bedroom counts and type of development, these units do not typically attract new students.

Prior to the pandemic, NHPS was experiencing growth in new-to-district students, peaking in 2019-20 at approx. 1,861 students, however, for the 2020-21 and 2021-22 school year, NHPS averaged only 1,535 new to district students. The hot-spot map shown shows the highest concentration of new students in the Fair Haven, Hill and Edgewood neighborhoods.



Overall, for the last decade, the district has experienced a net out-migration of -1.1% each year in grades 1 through 8, indicating that a greater number of students move out compared to new arrivals.

Migration trends are shaped by larger economic and housing trends. Housing sales peaked in 2021 at 720 total sales, and housing permits have been strong, driven by the large multi-family developments. Like many of its peers and neighboring communities, New Haven experienced a decrease in total sales for 2022, as well as an increase in median sale price, indicating a much tighter market than the prior two years.

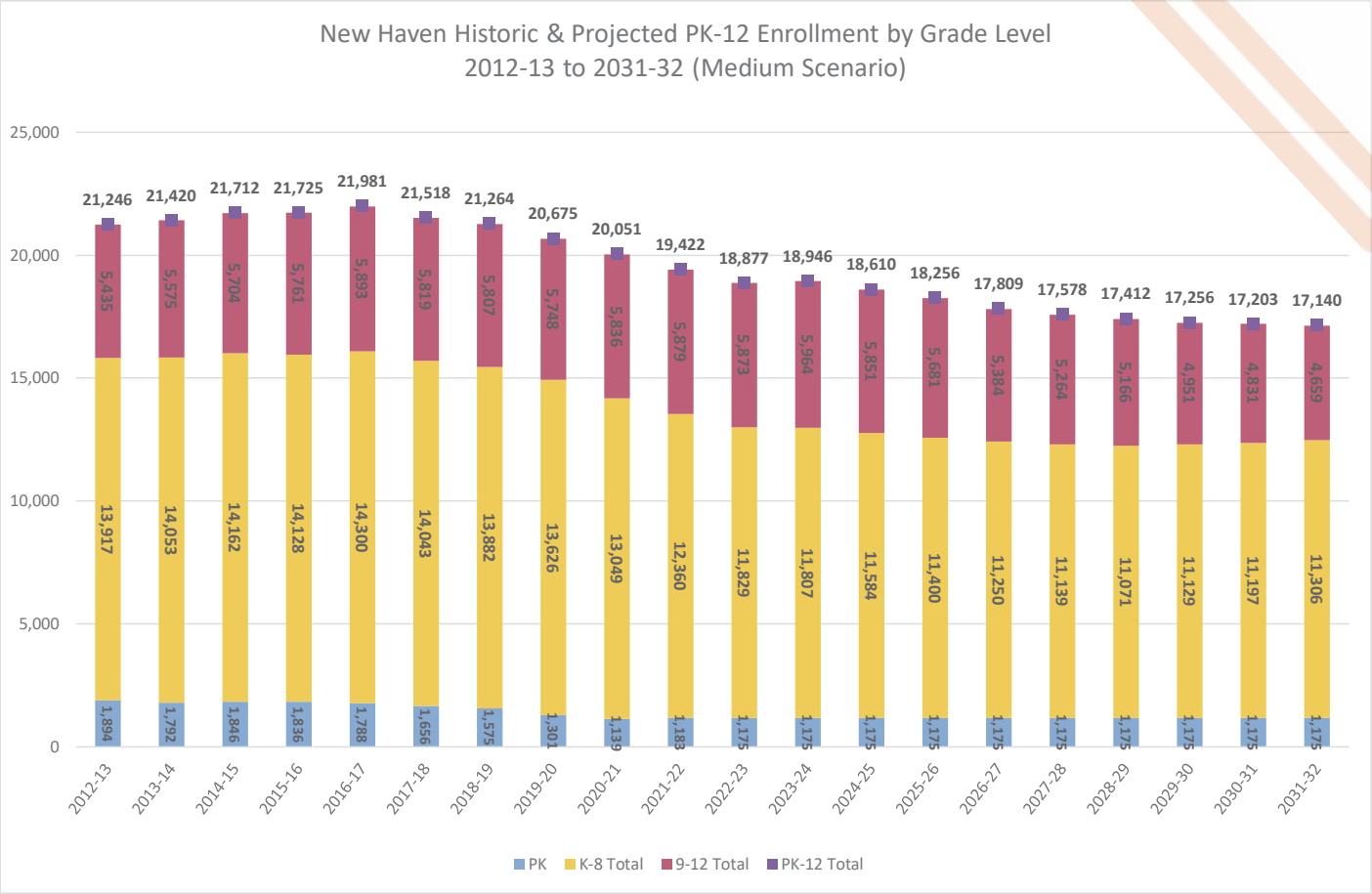
Enrollment Projections

It is important to note that the enrollment projections contained in the body of the master plan report differ from the projection report in the appendix section. Due to the timing of the study, the 2022-23 projected enrollment has been replaced with the official October 2022-23 enrollment. The second difference was a change to the future PK levels. Based on information from the NHPS administrative cabinet, future PK levels are anticipated to remain at the current level of 1,175 annually.

Overall PK-12 enrollment is projected to continue to decline over the next decade with some modest growth in 2023-24 driven by a projected increase of 90 students at the high school level. However, over the next 5 years, PK-12 enrollment is projected to decline by nearly 1,300 students or -7%. Projected enrollment over the next 5-years is summarized by grade grouping below.

- Elementary (K-8) enrollment is projected to decline by 690 students or -6%
- High School (9-12) enrollment is projected to decline by 610 students or -10.4%

Please refer to Appendix A for individual school projections by grade groupings and projections for the resident and non-resident students.



04

Capacity, Utilization, Parity & Program Summary

SLAM conducted a school capacity and utilization assessment for all the active NHPS schools. The purpose of this task was to understand building usage at a point in time and to develop a capacity for each building. SLAM worked collaboratively with NHPS to develop an inventory of standard classrooms, special purpose rooms, and core facilities at each school facility. This information was prepared from school records, floor plans (where available), building principal surveys, questionnaires, and interviews with staff.

The data received was summarized by school type classified in the following groupings:

- **Elementary Schools (Grade 6 and under): Study Category 1**
- **PreK/K-8 Neighborhood Schools: Study Category 2**
- **PreK/K-8 Magnet Schools: Study Category 3**
- **Middle Schools: Study Category 4**
- **Middle & High Magnet Schools & Comprehensive High Schools: Study Category 5**

The full inventory of spaces collected through the Principal surveys, organized by school type category, are presented in Appendix B. The individual school surveys as presented by the school Principals are presented in Appendix C. It should be noted that capacity was determined based on available records, and that there was data gaps at some NHPS facilities. Additionally, capacity information was fielded across multiple school years and reflects a point-in-time inventory of space, including pandemic and post-pandemic use of spaces.

Method for Calculating Study Capacity

A "Study Capacity" for each school was calculated by first generating an "Available Seats per Contract" (ASbC) value for each school, then factoring the available seats by a factor to arrive at the Study Capacity. The ASbC value was calculated by multiplying the quantity of full-sized classrooms, grade-level (elementary & K-8's), or discipline specific (middle & high schools), by the specific loading level for the respective grade levels and classroom types shown in Table 4.1.

Table 4.1 - Classroom Loading Level by Contract

Grade Level/ Classroom Type	PreK	K	1	2	3 - 12	New-comer	Science Lab	Sound School	Celantano (PK)	Celantano (K-8)
Student loading level	17	20	26	26	27	22	24	16	20	21

Also included in the ASbC value were the number of available seats in self-contained special education classrooms, using a loading level of 15 seats per classroom.

Excluded from the ASbC value are Specials, such as Art, Music, Science, World Language, STEM/Maker Spaces and Health classrooms among other miscellaneous shared-use spaces within each building. Also excluded are common spaces such as gymnasium, cafeteria, media center and support spaces such as ESL, tutoring, speech and special education resource rooms.

To determine the Study Capacity, an efficiency factor was applied to each school based on grade configuration and scheduling. For elementary and PK-8 schools, an efficiency factor of 95% was applied, while a 72% efficiency factor was applied for the middle and high schools. This efficiency factor represents middle and high school classrooms being used for 5 out of 7 periods per school day.

Summary of Results

As of the 2022-23 school year, overall district wide utilization is broken down as follows:

- Projected Overall Utilization: 85% (Seat surplus of 3,334 seats)
- Projected PK-8 Utilization: 79% (Seat surplus of 3,424 seats)
- Projected High School Utilization: 102% (Seat **deficit** of 90 seats)

Enrollment is projected to decline further over the next ten years. By 2027-28, overall utilization is projected to decrease further as follows:

- Projected Overall Utilization: 79% (Seat surplus of 4,631 seats)
- Projected PK-8 Utilization: 75% (Seat surplus of 4,112 seats)
- Projected High School Utilization: 91% (Seat surplus of 519 seats)

Figure 4.1 – Projected Utilization by Grade Grouping

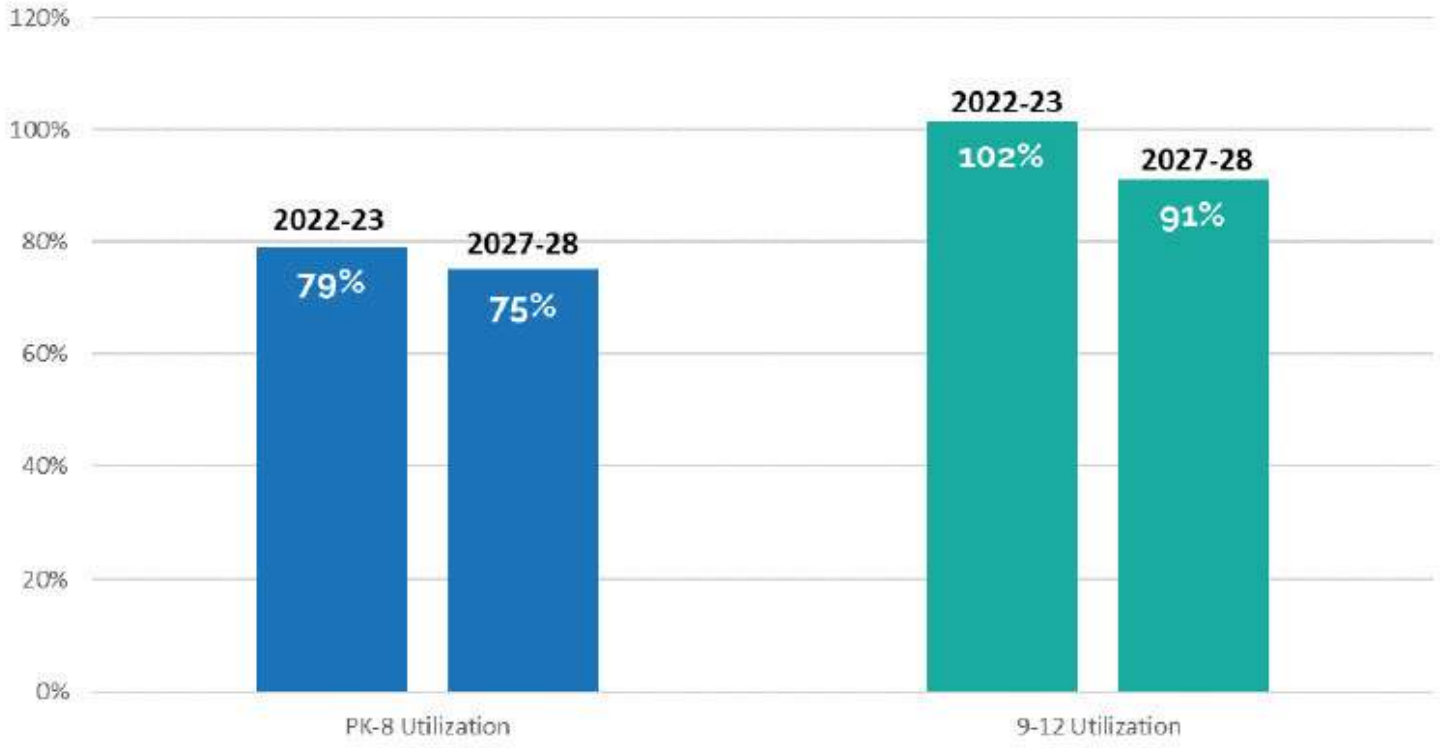
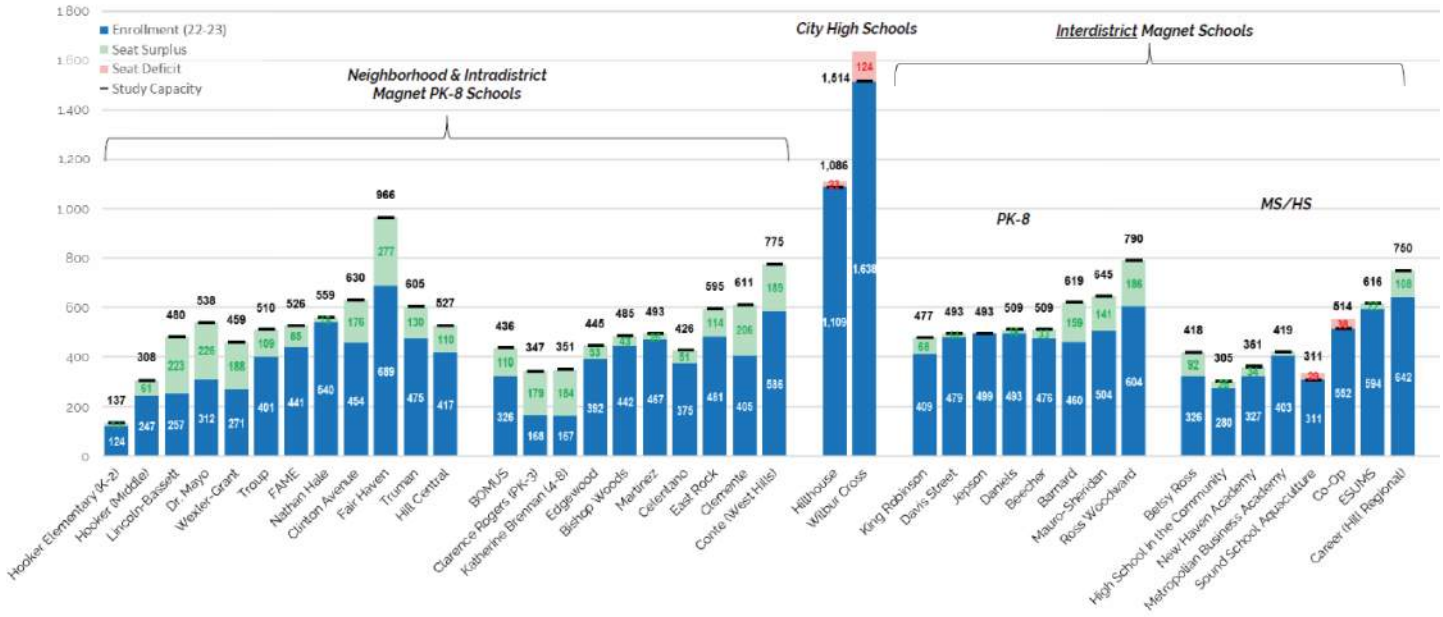


Figure 4.2: Comparison of 2022/23 Enrollment and Study Capacity, by School



The greatest share of surplus seats are at the PK-8 level, particularly in neighborhood and intra-district magnet schools as shown in Figure 4.2. Overall high school utilization is approaching 100%, however, trends vary by building. Hillhouse and Wilbur Cross are currently over their Study Capacity while there is some available seats in the inter district magnet high schools. However, due to the need to maintain at least 25% non-resident students in those facilities and the declining share of non-resident students at several high schools, these available seats cannot currently be filled by New Haven resident students. In order to address overcrowding at Hillhouse and Wilbur Cross, NHPS will need to maximize the use of space in its inter district magnet high schools. Strategies best leverage space at the high school level are found in Section 7.

Summary of Parity

In addition to the overall building capacity, the project team conducted an analysis of space parity across the district, with a focus on academic specials (art, music, world language, science), special education, core, and support spaces. Figures 4.3 through 4.6 illustrate the count of different space types at each school and grouped into the school type categories.

In response to the recent pandemic and ESSER funds, Principals identified use of spaces that were designated for Specials, or Support Services as "ESSER Classrooms" in many schools. The ESSER Classrooms contributed to the apparent disparity of spaces reflected in Figures 4.3 through 4.6, where a lack of Specials spaces is evident in elementary and PK-8 schools.

In addition, many NHPS facilities were designed to support specialized programs (i.e. magnet themes) and a range of grade configurations. As student needs and methods of teaching and learning change, some of these schools may lack the flexible spaces needed to adapt to changing conditions. As shown in the Summary of Space Types charts below, there is not a consistent allocation of space across all of the program areas from building to building in New Haven. This is due to the highly specialized programs within each facility. In districts without highly specialized programs, there is a more consistent standardization spaces across all schools, where parity and equity can be more readily gauged.

Figure 4.3: Summary of Space Types – Category 1 - Elementary Schools

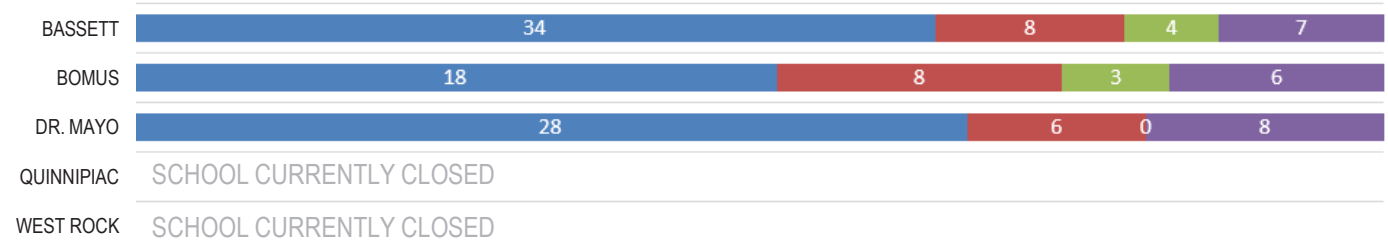


Figure 4.4: Summary of Space Types – Category 2 – PK-8 Neighborhood Schools

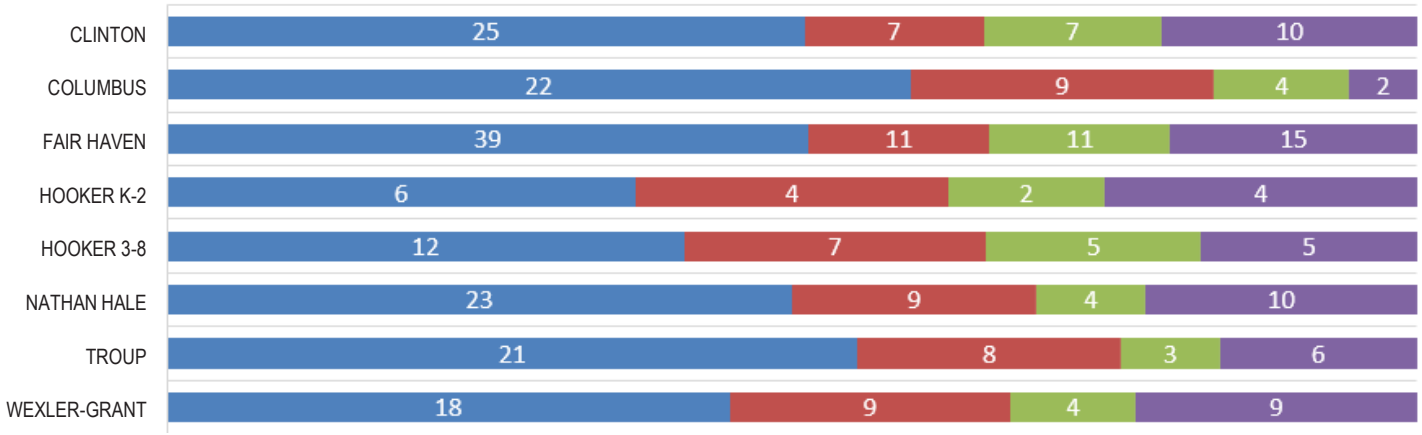


Figure 4.5: Summary of Space Types – Category 3 – PK-8 Magnet Schools

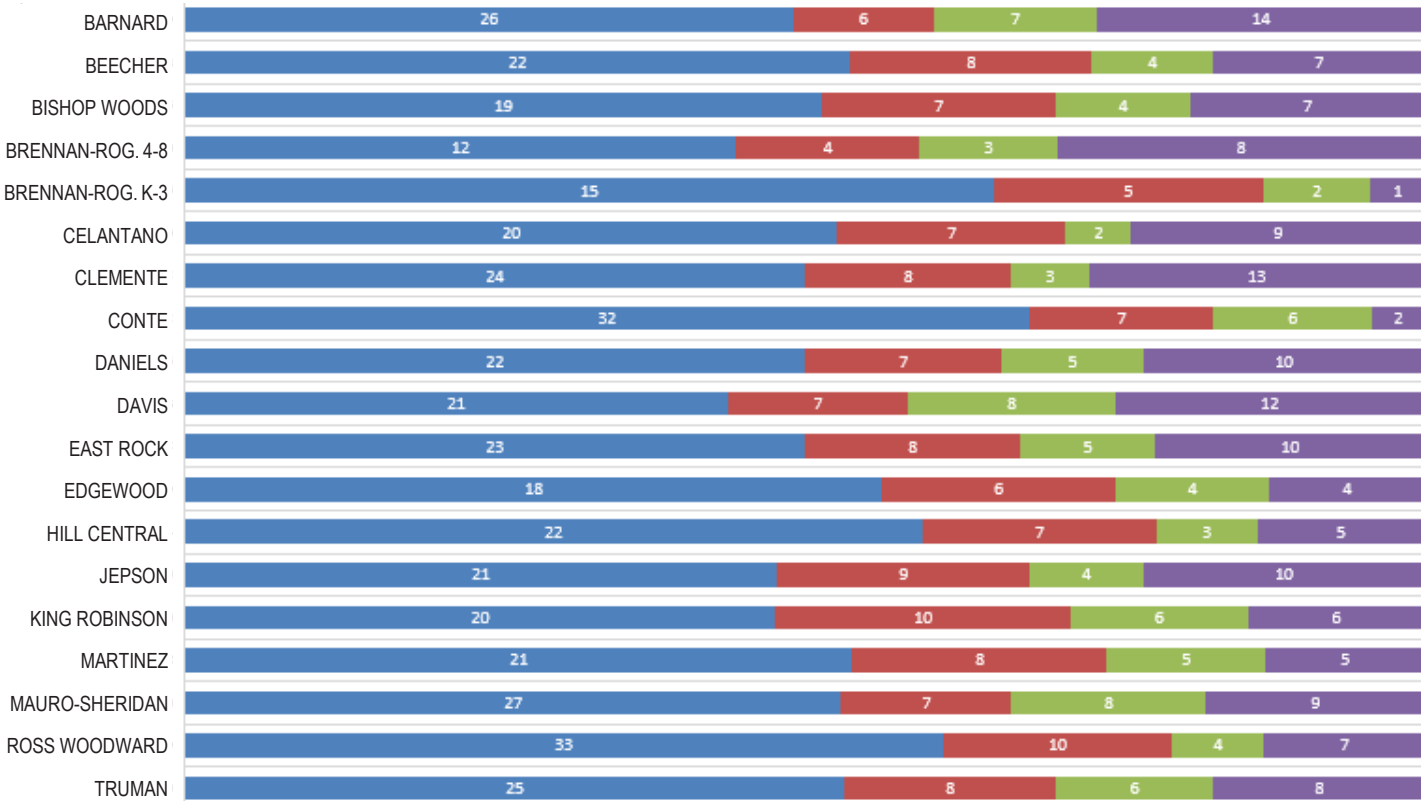
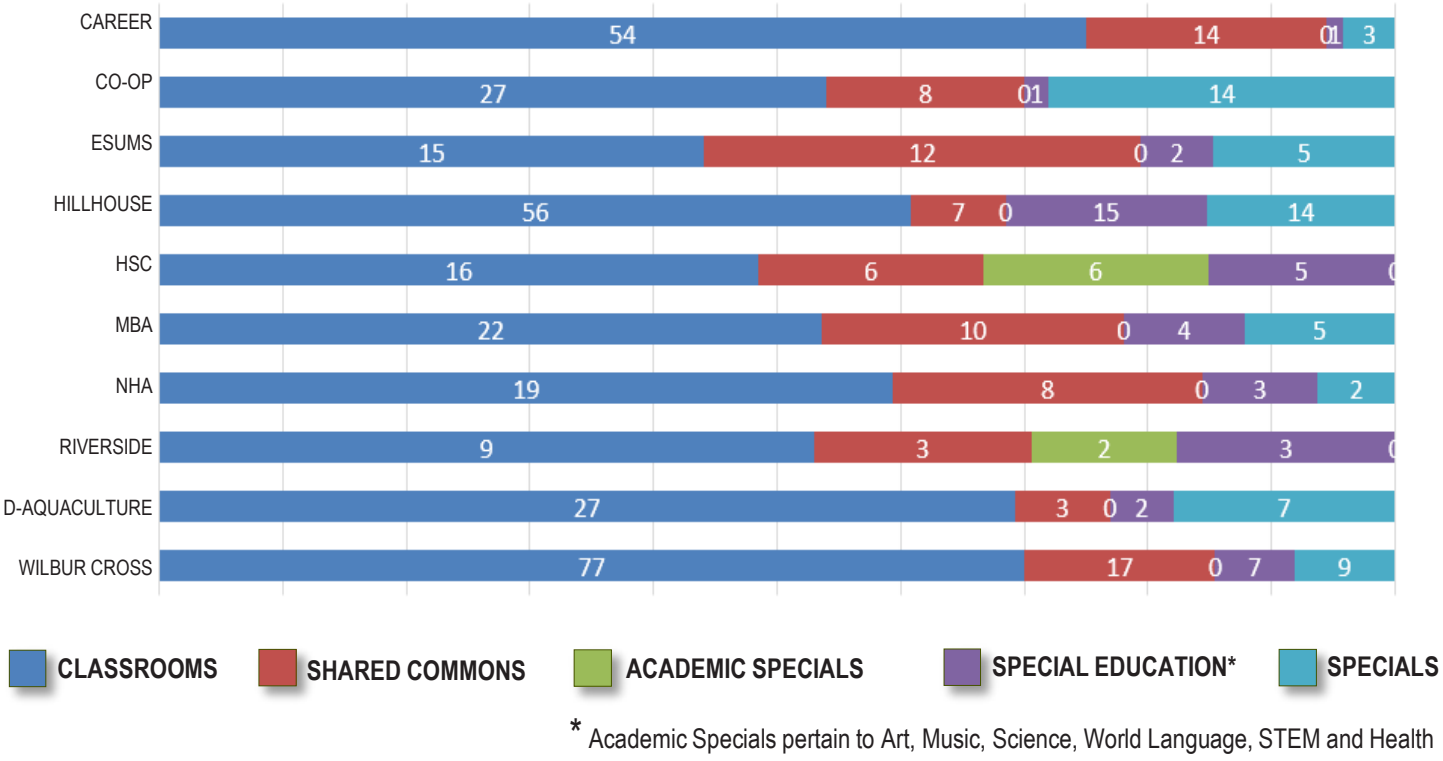


Figure 4.6: Summary of Space Types – Category 4 & 5 –Magnet MS/HS + Comp HS



* Academic Specials pertain to Art, Music, Science, World Language, STEM and Health

Summary of Program Needs

SLAM conducted a series of workshop meetings with district supervisors and department heads for the following curriculum areas to ascertain how current facilities met the needs of each curriculum area.

- **Arts**
- **English language arts (ELA)**
- **Multi-lingual learners**
- **Math**
- **Pathways**
- **Physical education**
- **Science**
- **Social studies**
- **Special education**
- **World languages**

During the meetings each supervisor, or department head reviewed their responses to the survey and the study team took notes on where improvements ware necessary. The survey responses can be found in Appendix D.

Generally, the academic classrooms function as needed at most schools. When we reviewing the specialty spaces, the study team discovered certain areas need attention.

The enrollment of students needing special services is continuously increasing and many of the schools have needs for Special Education and Student Service program spaces. These spaces will ideally range from small one-on-one instruction to larger groups.

A variety of Specials classrooms such as Art, Music and World Language are in many cases outdated, do not have proper equipment, and, in some cases, do not have classroom space at all. In these instances, which are most evident at the high school level, teachers are providing their curriculum from carts within the student's general classroom spaces, which compromises curriculum delivery. With declining enrollment, NHPS should look to claim classroom spaces back for the Specials Programs and define areas for Band or Visual Arts as examples. Alternatively,

policies or attendance zones could be modified to distribute students more equitably throughout NHPS facilities (shifting students to facilities with available space) in order to address these parity deficiencies.

Physical Education spaces for movement are provided throughout the district, different amenities from locker spaces to fitness areas have been referenced. Shower spaces have been noted to not be necessary in many locations specifically in the elementary grade level schools and could be repurposed to provide other functions.

Teachers' Professional Development space should be replaced within the district. At the individual school level, many departmental use spaces have been removed or reduced, making it difficult for faculty and staff to collaborate and plan curriculum together in teams. Along with faculty and staff supported spaces, many buildings need storage for books, manipulatives, science kits, and overall curriculum supplies. Science storage is an area of specific need that might be best handled by establishing a centralized storage facility for science materials. Many schools do not have adequate science storage rooms on-premises.

In order to best address the space deficiencies above, NHPS should take a comprehensive and holistic approach that includes individual school and districtwide needs. This multi-pronged approach should consider programmatic changes, repositioning facilities, re-investing in facilities, and capital and operational costs.

L.W. Beecher Museum Magnet School of Arts and Sciences

Please refer to the following for detailed information collected during the study:

- Appendix B for individual school space inventories with study capacity and utilization.
- Appendix C for individual school surveys as presented by the school Principals.
- Appendix D for program surveys from district supervisors

05

Existing Facilities Condition Assessment Summary

Field teams comprised of architects, engineers, technology & security design professionals and landscape architects visited a sampling of schools for architectural and mechanical issues and every building for technology and site to evaluate current conditions. These evaluations were then graded or categorized to develop a comparison chart to identify the schools by condition.

The general findings indicate:

- **NHPS Facilities require significant investment. 12 operational school buildings have been identified in "Poor" condition indicating immediate and on-going needs to maintain current usage. Several additional facilities are rapidly approaching "Poor" condition.**
- **31 School Facilities have been identified as "Fair" condition.**
- **These schools will require additional capital to maintain them in good working order.**
- **Only two School Facilities have been identified as "Good" condition. These schools will require regular ongoing maintenance and capital needs to maintain them in good working order.**
- **The Schools which have already been closed, are not good candidates for re-use in their current conditions and would require significant investment.**

5.1: Architectural and Mechanical Conditions Assessments

General

Site visits were completed with Svigals, SLAM, OLA and representatives from the New Haven Schools facility management offices, and individual school representatives. This information was recorded in the facility questionnaires referenced above. For the mechanical systems, OLA recorded the equipment, approximate age and condition of the cooling, heating, controls, ventilation, electrical, domestic hot water, and fire alarm and fire protection systems. Furthermore, OLA documented operational issues conveyed by the building operators.

The Project Team performed facility condition assessments at the facilities noted below to develop a reference set of condition factors to use as a guide to compare the full portfolio of BOE managed facilities. Once the initial assessments were completed, the BOE facilities staff utilized the survey developed by the Project Team to guide their assessments for the remaining facilities. Completed surveys for each building are located in Appendix E.

Key Mechanical Conditions Observed

- Improved energy tracking is needed. A dedicated Energy Manager with access to utility bills and reporting quarterly in costs, energy (kBtu/SF), and in carbon emissions should be provided and reviewed by a 3rd party independent qualified consultant.
- The systems that were installed as part of the recent School Capital program appear in good condition. That said, the short-term recommendation to perform Retro-Commissioning would be recommended for all facilities that are planned for ongoing use. As part of that effort, Testing and Balancing of all systems, controls optimization and any quick payback items be implemented.
- Although the energy data received was not as complete as desired, there are indications that some of the schools are operating at a higher energy use intensity (EUI, measured in kBtu/SF) than designed, while others are close to the targets. Others that were not energy modeled do not have targets, and it is recommended that a target be established in the short term.
- Looking to the future, consideration, and a master plan for reducing carbon impact should have additional focus. The original school designs considered the percentage of energy efficiency saved against code in the form of dollars and considered the energy use index (EUI) as in the Energy Star model. Going forward the carbon impact should be added to those metrics to be considered and a path to Net 0 implemented.

Assessments were then “graded” according to their observed condition for major categories and the Conditions Ranking Table was prepared to indicate the relative conditions ranking of individual schools. Buildings were placed into one of three categories – good, fair or poor based on the observed conditions as well as current information provided by on-site staff and facilities management.

With very few schools receiving the “good” ranking, the overall portfolio exhibits a significant amount of deferred maintenance. The current BOE facility administration is taking a pro-active approach to identify the full list of deferred maintenance needs by property and will then use the collected information to prioritize the needed actions in accordance with the budgeted funds for implementation in each fiscal year. Facilities Staff for values entered into the matrix on the following pages.

Facilities reviewed by Project Team:

- Quinnipiac School
- Strong School (Orchard Street)
- West Rock STREAM Academy
- Katherine Brennan School
- Clarence Rogers School
- Conte West Hills Magnet School
- Metropolitan Business Academy
- Sound Aquaculture School (5 Buildings)
- Davis Street School
- Benjamin Jepson

Facilities reviewed by BOE Facilities:

- Barnard Magnet School
- King Robinson School
- Edgewood Building
- Family Academy of Multilingual Exploration
- High School in the Community
- James Hillhouse High School
- Wilber Cross High School
- Hill Regional Career High School
- All remaining schools were graded by BOE

L.W. Beecher Museum Magnet School of Arts and Sciences

Conditions Ranking Table

				Architectural								Mechanical									Site	
		Overall Condition Score	Architectural Only Condition	Walls & Windows	Roofing	Partitions and Doors	Flooring	Ceilings	Elevators	Structure	MEP Only Rating Score	Building Management	Cooling	Heating	Air Handlers	Domestic Hot Water	Electrical	Fire Alarm	Technology Backbone	Site Only Rating Score	Site Conditions	Site Amenities
Category-1: Elementary Schools (Grade 6 and Under)																						
Lincoln Bassett		2.26	1.93	1.5	2.5	2.5	2	2	1.5	1.5	2.38	3	3	3	2	1	2	3	2	3.00	3	3
BOMUS (MLK)		0.12	0.14	0	0	0	0	0	0	1	0.13	0	1	0	0	0	0	0	0	0.00	0	0
Dr Mayo		1.29	1.43	1	2	3	1	1	1	1	1.25	1	1	1	1	1	1	2	2	1.00	1	1
Quinnipiac - Closed		2.38	2.29	3	2.5	2	2.5	2.5	2	1.5	2.31	3	3	2	2	2	2.5	1	3	3.00	3	3
West Rock - Temp. Closed		2.21	1.92	2	2	2	2	2	/	1.5	2.50	3	3	3	3	2	2	2	2	3.00	3	3
Category-2: PreK/K-8 Neighborhood Schools																						
Clinton Avenue School		2.12	2.14	1	3	2	2	3	2	2	2.25	3	3	3	1.5	3	2	1.5	1	1.50	2	1
Columbus-FAME		1.76	1.29	1	2	1	1	2	1	1	2.13	3	2	2	2	3	2	1	2	2.00	2	2
Fair Haven		1.82	2.21	2	3	2	1.5	3	2	2	1.56	3	1	1	1	2.5	1	1	2	1.50	2	1
Hooker K-2		1.53	1.00	1	1	1	1	1	1	1	2.00	3	1	1	2	2	2	3	2	1.50	2	1
Hooker Middle		1.71	1.71	1	3	2	1	1.5	2	1.5	1.75	3	1	1	1	1	3	3	1	1.50	2	1
Nathan Hale		2.00	2.43	2	3	3	3	2	2	2	1.75	1	2	3	2	1	2	1	2	1.50	2	1
Troup		1.68	1.57	2	1.5	2	1	1.5	1.5	1.5	1.69	3	1	1	2	2	2	1.5	1	2.00	2	2
Wexler-Grant		2.28	1.43	2	1.5	2	1	2	/	1.5	2.69	3	3	3	3	2	1.5	3	3	2.50	3	2
Category-3: PreK/K-8 Magnet Schools																						
Barnard		1.74	1.50	1.5	2.5	1	2	1	1	1.5	2.13	3	1.5	2	1.5	1	3	3	2	1.00	1	1
Beecher		1.71	1.64	1	2	2	2	2	1.5	1	1.69	1	3	1	2	1	3	1.5	1	2.00	2	2
Bishop Woods		1.59	1.36	1	1.5	2	1.5	1	1	1.5	1.81	3	1	3	2	1	2	1.5	1	1.50	2	1
Brennan-Rogers 4-8		2.03	1.83	2	2	1.5	2	2	/	1.5	2.19	3	3	2	1.5	2	2	2	2	2.00	2	2
Brennan-Rogers K-3		2.23	1.96	1.25	2	1.5	2	2	/	3	2.50	3	3	3	2	2	2	2	3	2.00	3	1
Celentano		1.85	1.50	1	2.5	1	2	2	1	1	2.25	3	3	1.5	2	2	2	2.5	2	1.50	2	1
Roberto Clemente		1.94	1.57	1.5	2.5	2	1	1	1	2	2.25	3	3	2	2	2	2	2	2	2.00	2	2
Conte		2.41	2.36	2	3	3	2.5	3	1	2	2.56	3	2	2.5	2	3	2	3	3	2.00	2	2
Daniels		1.85	1.71	2	1	2	2	2	1	2	2.06	1	2.5	3	2	2	2	2	2	1.50	1	2
Davis Street School		1.76	1.93	2	2.5	2	2	1	2	2	1.81	3	1	1	1	3	1.5	3	1	1.00	1	1
East Rock		1.76	1.50	1	2	1	2	2	1	1.5	2.19	3	2	2.5	2	2	2	3	1	1.00	1	1
Edgewood		2.21	2.00	2	2	2	3	1.5	1.5	2	2.31	3	2	2	2	2.5	2	3	2	2.50	3	2
Hill Central		1.59	1.43	1	2.5	1	1	2	1	1.5	1.75	3	3	1	1	1	2	1	2	1.50	2	1
Jepson		2.03	2.29	2	2	3	2	2	3	2	2.06	3	2	1	1.5	3	1.5	2.5	2	1.00	1	1
King Robinson		1.94	1.33	1	1.5	1	2	1	/	1.5	2.25	3	2	2	1.5	2	2.5	3	2	2.50	2	3
Martinez		1.85	1.43	2	2	2	1	1	1	1	2.19	3	3	2	2.5	1	2	2	2	2.00	2	2
Mauro-Sheridan		1.97	2.36	3	3	2.5	2	1	3	2	1.88	3	3	1	2	1	1.5	1.5	2	1.00	1	1
Ross Woodward		1.76	1.29	1	2	1	2	1	1	1	2.25	3	2	3	2	1	2	3	2	1.50	2	1
Truman		1.88	2.21	2	3	2	2.5	2	2	2	1.69	3	2	2	2	1	1.5	1	1	1.50	2	1

0-1	Good Condition - Systems or components working well and not near end of life
1-2	Fair - System or components are working but require maintenance or end of life
2-3	Poor - System is problematic, causes disruption to occupants and operators and is at the end of useful life

Conditions Ranking Table

				Architectural								Mechanical									Site	
		Overall Condition Score	Architectural Condition Score	Walls & Windows	Roofing	Partitions and Doors	Flooring	Ceilings	Elevators	Structure	MEP Only Rating Score	Building Management	Cooling	Heating	Air Handlers	Domestic Hot Water	Electrical	Fire Alarm	Technology Backbone		Site Conditions	Site Amenities
Category-4: Middle Schools																						
Betsy Ross		2.06	2.07	2.5	2.5	2.5	1	2.5	1	2.5	2.06	3	2	2.5	2	3	1.5	1.5	1	2	2	2
Category-5: Magnet Middle/High & High Schools																						
Career		1.91	1.33	1	2	1	2	1	/	1	2.19	1	3	2	2	2	2.5	3	2	2.50	3	2
Co-Op		1.53	1.43	1.5	1	1.5	1.5	1.5	1.5	1.5	1.75	1	2	1	2	1	3	3	1	1.00	1	1
ESUMS		0.91	0.50	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.25	1	1	2	1	1	2	1	1	1.00	1	1
Hillhouse		2.31	2.25	1	3	2.5	2	3	/	2	2.44	1	3	3	3	1.5	3	3	2	2.00	2	2
HSC		1.72	1.92	1	3	2	2	2	/	1.5	1.38	1	1	1	1	2	2	1	2	2.50	2	3
MBA		1.35	1.00	1	1	1	1	1	1	1	1.75	3	1	1	1	3	1	3	1	1.00	1	1
New Haven Academy		1.12	1.14	2	1	1	1	1	1	1	1.13	1	1	1	1	1	1.5	1.5	1	1.00	1	1
Riverside		1.94	2.00	2.5	2.5	2	2	1	/	2	2.00	3	2	2	2	2	2	1	2	3.00	3	/
SOUND - Anderson		1.76	1.64	2.5	2	1	2	1.5	1.5	1	2.06	1	3	2.5	2	2	2	2	2	2.00	2	/
SOUND - Aquaculture		1.91	1.79	1	3	2	2	2.5	1	1	2.00	1	2	2	2	3	2	2	2	2.00	2	2
SOUND - Emerson		2.22	2.07	2.5	2	2	2	2	2	2	2.38	1	3	3	3	3	2	2	2	2.00	2	/
SOUND - McNeil		2.22	2.07	2.5	2	2	2	2	2	2	2.38	1	3	3	3	3	2	2	2	2.00	2	/
SOUND - Thomas		2.22	2.07	2.5	2	2	2	2	2	2	2.38	1	3	3	3	3	2	2	2	2.00	2	/
Wilbur Cross		2.00	2.25	1.5	3	3	2	2	/	2	1.81	1	3	2	1.5	1	2	2	2	2.00	2	2
Category-6: Auxilliary Buildings + District/BOE Offices (as noted on Tom's List)																						
ACEC		2.50	0.00								2.50							3	2			
Central Kitchen		1.91	2.17	2.5	2	2.5	2	2	/	2	2.19	3	2	2	2	2.5	2	2	2			
Floyd Little		1.56	1.86	2	1.5	2	1.5	2	2	2	1.71		2	2	2	1.5	1.5	1	2			
Montessori		2.00									2.00							2	2			
Orchard Site		2.24	1.86	3	2	1.5	1.5	1	2	2	2.50	3	3	3	3	2	2	2	2	2.50	2	3
Facilities Office /Warehouse		1.96	1.93	2	2	2	1.5	2	2	2	2.00			2		2	2	2	2			
BOE		2.37	2.07	3	1	2	2	3	2	1.5	2.63	3	3	3	3	3	3	1	2			

	0-1	Good Condition - Systems or components working well and not near end of life
	1-2	Fair - System or components are working but require maintenance or end of life
	2-3	Poor - System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural and Mechanical Conditions Recommendations

General Recommendations

- **Develop Maintenance Procedures**

  As reported by building staff and identified during the site walkthroughs, maintenance for each facility is only completed on an as needed basis. It is recommended that a preventative maintenance schedule and service contract is created. This schedule can help to reduce unexpected replacement or failure of general and HVAC equipment and can help reduce building operational issues. Additionally, preventative or planned maintenance extends the lifespan of equipment and can operate at an improve equipment and system efficiency, reducing energy costs. A maintenance schedule would also reduce the costs associated with repairs as they will not be made on an emergency basis which are often performed on overtime and at the expense of staff and/or student productivity. This schedule should be developed based on the operation and maintenance manuals that are provided when purchasing any HVAC equipment.

  The schedule should be developed based on the operation and maintenance manuals that are provided when purchasing any equipment. Inspection and maintenance protocols can be created using industry standards such as ASHRAE Standard 180, which establishes minimum HVAC inspection and maintenance requirements that preserve a system's ability to achieve acceptable thermal comfort, energy efficiency, and indoor air quality in new and existing commercial buildings. Maintenance schedules and protocols can be developed in parallel with retro-commissioning assessments.

Architectural Recommendations

- **Develop a Capital Plan for Deferred Maintenance and Asset Renewal Needs**

  Building on the Work completed to date, prepare a complete survey the remaining schools and develop a priority list of short, medium and long term maintenance and asset renewal costs estimated to be required on an annual basis.

Mechanical Recommendations

- **Facility Management Support**

  The current process for addressing building operational issues is a building occupant notifies the head janitor of a heating, cooling, or ventilation problem and then the head janitor typically calls the facility management office to make proper adjustments. The facility operator addresses the issue remotely from the facility management office and does not visit the site to see the issue. This process creates a potential problem in that the issue is never fully identified and there is a time delay between the identification of the issue and the resulting action. One way to address this is to train the janitorial staff in basic building operation so that issues can be addressed immediately. Ensuring a functional BMS system with proper alarms and regular oversite of operation by a trained operator will help effectively address issues identified by custodial or administrative staff.

  Another change that will result in better operation of the facilities along with a reduction in energy savings is to hire a certified energy manager (CEM) or train a member of the facility management office to become a certified energy manager. A CEM is a certification from the association of energy engineers. This certification signifies the ability to optimize the energy performance of a building by providing solutions to reduce the energy consumption in a cost-effective approach. This accreditation is recognized by various national and international agencies such as the U.S Department of Energy.

  Internal staff that are trained in best practice operations, maintenance, energy audits, design, and commissioning practices are valuable assets in maintaining facilities' longevity and energy efficiency. Internal staff can assist in coordinating and reviewing third-party energy efficiency and consulting services (such as utility analyses, energy audits, property conditions assessments, etc.) when required.

- **Retro Commissioning (RCx)**

  To improve building operations and reduce energy costs associated with HVAC systems, the building should undergo a retro-commissioning (RCx) assessment. The RCx assessment includes troubleshooting of systems to improve their efficiency, implementing controls and maintenance protocols to improve the building operation or

installation of upgraded systems to reduce energy usage. Retro-commissioning (RCx) covers building systems, energy using equipment, operating schedules, and optimizes how these elements perform together. Typically focused on low-cost enhancements to operations and maintenance, retro-commissioning can produce whole-building energy savings of 10% to 20% quickly and inexpensively.

This effort begins with a detailed system assessment and energy usage study. Then the RCx agent performs functional tests of the HVAC system to identify potential improvements. Finally, recommendations for improvement are made, and fixes are implemented. Each building should be evaluated independently, and a custom plan will be developed to provide optimal results.Balancing of Air Distribution System.

- **Balancing of Air Distribution System**

  Although this may be included int the RCx efforts above, it was determined that regular balancing be a focus for the district. Based on building staff reports and the completed facility questionnaires, balancing of the air distribution systems have not been completed since the initial installation. This lack of verification of flow rates and system operation can lead to issues with indoor comfort, energy efficiency of the system and increased operating costs as system calibration will diminish over time. Inappropriate air or water flow can cause the system to run longer cycles which in turn consumes more energy, increases operational cost, and causes increased wear on the system. By regular testing and, where needed, re-balancing of the air distribution systems, verification is provide that conditioned air and ventilation air is properly distributed throughout all occupied spaces.

- **Control Systems Upgrades**

  Building management systems (BMS) are used to consolidate key information from HVAC systems in a central dashboard. A thoughtfully designed, installed, and commissioned BMS system can provide building management and facility staff with convenient and valuable information to ensure efficient equipment operation and longevity. Equipment control parameters (e.g., setpoint schedules) can be pre-programmed to maximize system efficiency. The BMS' can also be used by trained staff to help identify equipment degradation in advance of catastrophic breakdowns and provide immediate notice of failures through alarms. By reducing demand and start/stop stages, building automation systems reduce wear-and-tear on a building's energy infrastructure, reducing maintenance costs and extending equipment life.

  These systems can have various levels of monitoring and/or control capability depending on the level of complexity desired, and the sub-equipment's ability to accept input/output signals from a BMS. Old equipment and local controls often are unable to accept input signals from other devices such as a BMS but can typically be monitored for key parameters. Most new HVAC equipment offers some level of BMS connectivity; however, some nuances can make equipment integration cumbersome without proper planning and technical support.

  BMS' require regular maintenance (e.g., ensure sensor accuracy) to maintain reliable and optimal control. Several schools were identified as having BMS that are in poor condition and/or require recalibration. A retro-commissioning assessment (details provided in Section 4.3) can provide detailed recommendation on cost-effective approaches to recalibrating or upgrading the BMS, as necessary.

  For the new BMS, the system should be designed with input and feedback from representatives of building management and facilities staff, to ensure the BMS is designed to best fit the needs of the team. A consulting engineer can assist in creating bid documents and Owner's Project Requirements (OPR) for the BMS design, to ensure a contractor has a clear understanding of the system requirements. Details shall include equipment and data points to be controlled and/or monitored, data collection intervals, historical trend capabilities, training, operating manual, maintenance agreements, and technical support requirements.

  If a BMS is already installed at a building, all HVAC replacement or upgraded equipment should be designed to communicate with the BMS, and the BMS should be updated to include the new equipment.

- **Net Zero Energy Building Operation**

  Net Zero Energy is defined when the amount of energy provided by on-site renewable energy sources is equal or equivalent to the amount of energy used. If it is desired to achieve this goal, each facility will need varying improvements to reduce consumption and consider more renewables to be installed. The new schools were designed in many cases for high performance and are

operating at 20% to 50% more efficiency than a similar school would be if designed to meet Code. Although designed with high efficiency in mind, the buildings were not designed to meet Net Zero levels. The building envelope and other significant modifications (such as full-electrification of all fuel-burning equipment, along with optimization of HVAC controls and lighting) are necessary to approach Net Zero levels.

There are schools, such as the Sound School, that have significantly high energy usage due to the loads associated with the atypical equipment (such as the Aquatic center at Sound School), and may have an even greater challenge with reducing energy use and would not be able accommodate a PV system to offset the entire energy usage. One potential solution for the need for additional renewable energy is to purchase renewable energy credits (REC's). This approach allows the facility to claim the equivalent MWh or kWh purchased of energy reduction as an offset to their conventional energy use. There may be potential for some facilities who use less energy to create RECs to use at the most electrical intensive facilities.

- **Electrification**

  Clean, emission-free energy is at the forefront of solutions to the climate crisis. Many states, including Connecticut, are making strides that codify their green intentions into statutory targets. Connecticut's state government mandated a 2040 goal of integrating a 100% Carbon free grid. Since 2019, PURA (the Public Utility Regulatory Authority) and DEEP (Department of Energy and Environmental Protection) have modelled and proposed a robust transition that balances energy reliability and adequacy with affordability. Their 2020 Integrated Resources Report (IRP) captures Connecticut's current renewable energy status and how different forecasts of electricity may affect their timeline. In each of their models, consumer affordability remained a priority as well as the hard deadline of 2040.

  Connecticut's electric grid is tied to the greater New England area. It shares transmission lines with: Rhode Island, Massachusetts, Maine, New Hampshire, and Vermont. All transmission lines are governed by the Independent Systems Operator of New England (ISO-NE). The ISO has also captured the progress made by the New England states to consolidate the eastern seaboard's push for decarbonization. Across the New England states, there are many proposals that call for increased use of renewable sources such as wind power; Connecticut has proposed 5,774 MW of wind power, according to the ISO. Success in reaching a carbon-free grid requires collaboration and considerations of interstate connections.

  Connecticut has implemented in-state programs to bolster their 2040 goal. For example, there is an ongoing program that seeks to transform heavily polluted areas, brownfields, to support renewable energy via wind or solar. Many municipalities have put forth proposals to develop brownfields and there are many incentives at the state and national level. Connecticut has also put forth a Property Assessed Clean Energy program (C-PACE) that helps owners of larger buildings across commercial, industrial, and multi-family homes, to upgrade their buildings for energy efficiency. There are several financing options that encourage these improvements, particularly if buildings lie within a brownfield.

  Buildings represent over half of Connecticut's carbon footprint over any other sector. There is conversation about building stretch or reach codes in Connecticut, which have been adopted by Massachusetts, Vermont, New York, and New Hampshire. A bill (HB 6572) cleared a committee vote but ultimately faced opposition. This bill would allow municipalities to require new buildings or substantially renovated buildings to meet higher efficiency standards. There have been studies by the New Buildings Institute that counter affordability concerns and show development to higher standards than that of the proposed bill can be at no additional cost or in any case, at a marginal increase.

  There continues to be forward motion in reaching a carbon free electric supply. DEEP and other authorities are required to routinely assess the state's progress and suggest pathways forward to keep the 2040 goal in sight. Long term contracts for renewables and zero carbon initiatives now account for about 65% of energy consumption across Connecticut's largest EDCs. These power supply improvements increase renewable energy supply, which reduces electric-grid related emissions. Additional strides in operational energy efficiency, and replacement of fossil fuel-fired equipment to electric heat pumps, will further move the New Haven Schools towards a zero-carbon future. The following table highlights a few potential electrification strategies to be considered upon equipment upgrades or replacement.

Electrification Measure Options:

The following table provides a high-level overview of potential electrification options for common existing equipment found at the New Haven Schools. This table does not include all systems and may not account for equipment innovation over time but can serve as an early design-phase tool for system consideration.

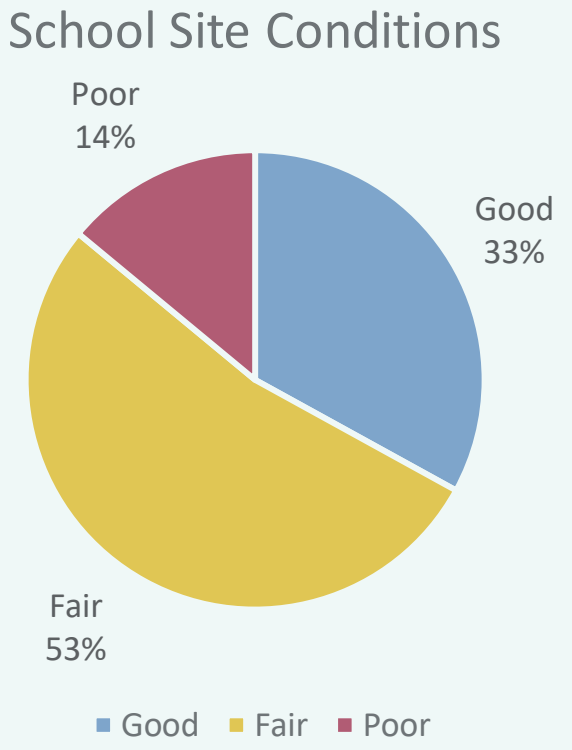
	Existing System	*Proposed Electrification Replacement/Upgrade Option (New System)*
Cooling	Chiller (water-cooled (cooling tower) or air-cooled) with rooftop unit air handling unit	Consider air-to-water heat pump (AWHP), also known as heat pump chiller/heater - to provide heating and cooling.
	Packaged rooftop units (direct-expansion cooling)	Packaged heat pump – to provide heating and cooling
	If school does not have central cooling	See options in "Heating and Cooling" row
Heating	Hot water distribution to radiators and/or air handling units	Consider AWHP for heat injection (boost supply water temperature via water-to-water-heat-pump (WWHP) or gas-fired boiler, as necessary)
Heating and Cooling	Applicable to large array of existing systems.	Install split system heat pump per classroom Single vertical package heat pump (requires through wall sleeves) Ground source heat pumps
Airside Equipment		Dedicated outdoor air system (DOAS) with separate heating and cooling equipment (options noted above)
DHW	Gas-fired water heaters	Split system heat pump
		Packaged hybrid heat pump water heater Electric resistance tank heater (least efficient option)
Cooking	Gas-stoves	Induction cooking ranges

Edgewood Creative Thinking through STEAM Magnet School

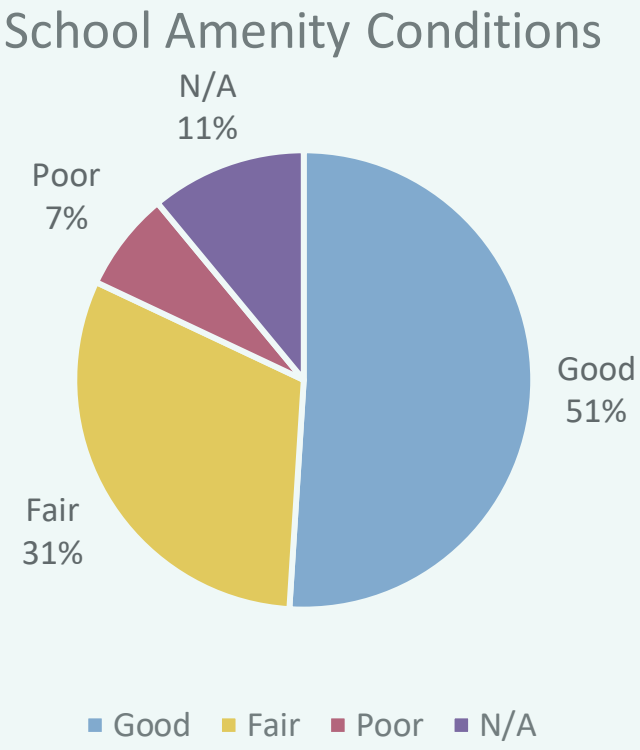
5.2: Site Conditions Assessments

SLR International Corporation (SLR) was tasked with reviewing and evaluating the site conditions of 43 New Haven public schools, ranging from grades K-12, as part of this long-range facilities planning study. The evaluation included assessing the overall site conditions, including site circulation, accessibility, and the general condition of parking lots, sidewalks, playgrounds, athletic facilities, or any other major element on the site. Once the sites were assessed, the data was entered into school-specific matrices where each element was graded on a scale of 1 to 4, indicating the priority and time frame in which improvements are needed.

The overall site condition of each school varied and fell into one of three categories: Good, Fair, or Poor. A site in good condition has a 6- to 10-year life cycle before major repairs of the site features are needed. A site in fair condition has a 3- to 5-year life cycle before major repairs of the site features are needed. A site in poor condition has a 1- to 2-year life cycle before major repairs of the site features are needed. The breakdown of the overall school site conditions are as follows:



The overall condition of the amenities (playgrounds, athletic fields, etc.) offered at each school also varied and were categorized in the same manor. The breakdown of the overall school site amenities are as follows:



Please refer to Appendix F of this report to see a detailed breakdown of each school's site evaluation.

Site Conditions Recommendations

Through the process of evaluating the 43 schools throughout the City of New Haven, SLR has some overall recommendations that can be implemented going forward.

- The vegetation at many of the schools has become overgrown, which is negatively affecting sight lines and has begun growing onto adjacent elements (like fencing). In many cases, the oversized foundation plantings provide "blind" spots where a trespasser may hide. Additionally, the natural lawn play areas are overcompacted, weedy, and generally in poor condition. A landscape maintenance plan should be put together for each school to help reduce these issues and extend the life span and safety of these site elements.
- The site lighting for most schools appears to be in good physical condition, but a photometric study at each school would reveal if deficiencies are present. Additional lighting can be added to improve safety or in many cases the light source could be upgraded to LED for improved coverage and longevity.
- The most significant site item at most of the schools is the physical condition of the bituminous pavement and curbing for the parking lots and travel lanes. To get the longest life out of these elements, it would be recommended that a heavy-duty bituminous pavement cross section be used anywhere that will receive heavy use by busses or large trucks (i.e., bus drop-off lanes or loading areas) when replacing the existing. The last recommendation would be to use cast-in-place concrete curbing or integral concrete walk and curb instead of bituminous lip curbing. This will greatly extend the life cycle of the curbing, and concrete will be able to take the abuse of plowing (curb breakage) in the winter.

For school-specific site information, please see the matrices in Appendix F. These will give a detailed breakdown of each site item and its corresponding life cycle. Also, refer to the key plans for each school to see the specific location for each item.

5.3: Technology Conditions Assessments

D'Agostino & Associates was tasked with assessing the existing technology system infrastructure for fifty-four New Haven Public School facilities, refer to the summary at the end of this narrative for a complete list.

To obtain a general overview of the condition of the existing technology systems, D'Agostino & Associates reviewed the following criteria:

- **Horizontal Cabling Infrastructure:**

  What is the Category rated cabling of the horizontal cabling supporting technology devices?

- **Backbone Fiber Infrastructure:**

  What is the rating of the fiber backbone supporting the telecommunication rooms and main equipment room?

- **Main Equipment and Telecommunication Room Space Allocation:**

  Does the size of the technology equipment rooms allow for proper clearances or are they shared spaces with other departments (custodial, storage, etc)?

- **Cooling:**

  Do the technology equipment rooms provide adequate cooling to support the equipment in the room?

- **Grounding:**

  Is the equipment within the technology equipment rooms grounded per industry best practices and manufacturer recommendations?

- **UPS / Power Distribution:**

  Does the technology equipment have properly sized uninterruptible power supplies (UPS) and are they in working order?

Findings

Horizontal Copper Cable:

- "Good" (Category 6 rated cabling, which support frequencies 250 MHz at 100 meters).
- "Fair" (Category 5e rated cabling, which support frequencies of 100MHz at 100 meters).

Backbone Fiber:

- "New" (OM4 multimode or OS2 single mode fiber cabling, which support 100GB up to 150 meters).
- "Fair" (OM2 multimode fiber cabling, which support 10Gb up to 100 meters).
- It should be noted that 9 facilities have a single technology equipment room and do not require a fiber backbone.

Space Allocation:

- "Good" meaning the size of the room and clearances meet or exceed BICSI recommendations and the space is dedicated to technology equipment.
- "Poor" meaning the size of the room and clearances do not meet BICSI recommendations and the space may be shared with other departments.

Cooling:

- "Good" providing adequate cooling for the technology equipment.

Grounding:

- "Good" means the equipment is adequately grounded per BICSI and manufacturer recommendations.
- "Poor" means grounding is incomplete or has not been installed.

Uninterrupted Power Supplies (UPS) / Power:

- "Good" meaning there is UPS's are installed, in proper working order, and sized appropriately to condition the power and provide power during the transition to emergency power and/or allow proper shut-down of the electronics in the data rooms.
- The remaining facilities do not have UPS's or they are not in working order.

New Good Fair Poor N/A

Technology Conditions Recommendations

Cabling:

- The cabling at schools marked as “Fair” should be upgraded to Category 6A to supports frequencies up to 500 MHz at 100 meters, in order to future proof most future technology equipment installations.
- The cabling at schools marked as “Good” may remain but will likely need to be upgraded in the next 15 to 20 years as technology devices demand more and faster data speeds from the cable supporting it.

Backbone Fiber:

- The fiber backbone at the 37 schools ranked as “Fair” should be upgraded to OM4 multimode or OS2 single mode fiber to support higher bandwidths between main equipment rooms and telecommunication rooms.

Space Allocation:

- While this is a difficult deficiency to remedy, it is recommended that all technology equipment rooms be dedicated spaces with proper clearances for maintaining the equipment.
- Schools ranked as “Poor” in this category should attempt to find dedicated, properly sized spaces for the technology equipment rooms. If this recommendation cannot be met, facilities receiving renovations should work with the designer team to ensure proper space is allocated to support the technology equipment rooms.

Cooling:

- Cooling should be installed in the 34 facilities ranked as “Poor” under this category. Proper cooling will extend the life of equipment and ensure the district receives the highest return on their investment for technology equipment.

Grounding:

- Proper grounding and bonding should be installed as soon as possible in all facilities marked as “Poor”.

Uninterrupted Power Supplies (UPS):

- Consider installing new UPS’s in facilities marked as “Poor” to support equipment during power surges or power loss.

Summary Findings per Facility	CABLING		IT DATA ROOMS			
Facility	Horizontal Copper	Backbone Fiber	Space Allocation	Cooling	Grounding	UPS
Lincoln-Bassett Community School	Fair	Fair	Good	Poor	Good	Poor
Barack H. Obama Magnet University School	Good	Fair	Poor	Good	Good	Good
Dr. Reginald Mayo Early Learning Childhood School	Fair	Fair	Good	Poor	Poor	Good
Quinnipiac STEM Magnet School	Fair	N/A	Poor	Good	Poor	Good
West Rock STREAM Academy	Fair	N/A	Good	Good	Poor	Good
Clinton Avenue School	Good	Fair	Poor	Poor	Good	Good

Christopher Columbus Family Academy	Fair	Fair	Good	Poor	Poor	Good
Fair Haven School	Fair	Fair	Good	Poor	Poor	Good
Worthington Hooker Elementary School	Fair	N/A	Poor	Poor	Good	Poor
Worthington Hooker School	Good	New	Poor	Poor	Good	Poor
Nathan Hale School	Good	Fair	Good	Poor	Good	Poor
Augusta Lewis Troup Magnet Academy of Science	Good	Fair	Good	Poor	Good	Poor
Wexler-Grant Community School	Fair	Fair	Poor	Poor	Poor	Poor
Barnard Environmental Science & Technology School	Good	Fair	Poor	Poor	Good	Good
L.W Beecher Museum Magnet School of Arts and Sciences	Good	Fair	Good	Poor	Good	Good
Bishop Woods Architecture and Design Magnet School	Fair	N/A	Good	Good	Good	Good
Brennan-Rogers School of Communication and Media 4-8	Fair	Fair	Poor	Poor	Good	Poor
Brennan-Rogers School of Communication and Media K-3	Fair	N/A	Poor	Poor	Poor	Good
Celentano BioTech, Health, & Medical Magnet School	Good	Fair	Poor	Poor	Good	Poor
Roberto Clemente Leadership Academy for Global Awareness	Good	New	Good	Good	Good	Good
Harry A. Conte West Hills Magnet School: Exploration & Innovation	Fair	Fair	Poor	Poor	Poor	Poor
John C. Daniels School of International Communication	Good	Fair	Good	Poor	Poor	Good
Davis Academy for Arts & Design Innovation	Fair	Fair	Poor	Good	Good	Good
East Rock Community & Cultural Studies Magnet School	Good	New	Poor	Poor	Good	Good

Edgewood Creative Thinking Through STEAM Magnet School	Fair	Fair	Poor	Poor	Good	Good
Hill Central Music Academy	Fair	Fair	Poor	Poor	Good	Good
Benjamin Jepson Magnet School	Good	Fair	Poor	Poor	Poor	Good
King Robinson Interdistrict Magnet School	Good	Fair	Good	Poor	Poor	Good
John S. Martinez Sea And Sky School	Fair	New	Poor	Poor	Poor	Poor
Mauro-Sheridan Science, Technology and Communications School	Good	Fair	Poor	Poor	Good	Good
Ross Woodward Classical Studies Interdistrict Magnet School	Fair	New	Poor	Poor	Good	Good
Truman School	Fair	New	Good	Poor	Good	Good
Betsy Ross Arts Magnet School	Good	Fair	Good	Poor	Good	Good
Hill Regional Career High School	Fair	Fair	Poor	Good	Poor	Good
Cooperative Arts & Humanities High School	Good	New	Poor	Poor	Poor	Poor
Engineering & Science University Magnet School	Fair	Fair	Good	Poor	Good	Good
James Hillhouse High School	Fair	Fair	Good	Poor	Poor	Good
High School in the Community	Fair	Fair	Poor	Good	Poor	Good
Metropolitan Business Academy	Good	New	Poor	Poor	Good	Good
New Haven Academy	Good	Fair	Good	Poor	Good	Good
Riverside Academy	Fair	N/A	Good	Poor	Poor	Good
The Sound School -Anderson Building	Fair	Fair	Poor	Good	Poor	Good
Sound School - Aquaculture	Fair	Fair	Poor	Good	Poor	Good

Sound School-Emerson Building	Fair	Fair	Poor	Good	Poor	Good
Sound School-McNeil Building	Fair	Fair	Poor	Good	Poor	Good
Sound School-Thomas Building	Fair	Fair	Poor	Good	Poor	Good
Wilbur Cross High School	Fair	Fair	Poor	Good	Poor	Good
Adult & Continuing Education Center	Fair	Fair	Poor	Good	Poor	Good
Central Kitchen Facility	Fair	N/A	Good	Good	Poor	Good
Field House @ Hillhouse HS (Floyd Little Athletic Center)	Fair	Fair	Poor	Good	Poor	Good
Elm City Montessori (Early Learning Center)	Fair	Fair	Poor	Good	Poor	Poor
Orchard Site	Fair	N/A	Poor	Poor	Poor	Good
Facilities Management Office	Fair	N/A	Poor	Good	Poor	Good
Board of Education Administration	Fair	Fair	Good	Good	Poor	Good

RATING SCHEDULE

Horizontal Copper

New	Category 6A or Better	Supports Frequency up to 500MHz at 100 Meters
Good	Category 6	Supports Frequency up to 250MHz at 100 Meters
Fair	Category 5 & 5E	Supports Frequency up to 100MHz at 100 Meters
Poor	Below Category 5	Should be replaced.

Backbone Fiber

New	OM4 or OS2	Supports frequency up to 100Gb up to 150 Meters
Good	OM3	Supports frequency up to 100Gb up to 100 Meters
Fair	OM2	Supports frequency up to 10Gb up to 82 Meters & 1Gb up to 550 Meters
Poor	OM1 or below	Supports frequency up to 10Gb up to 33 Meters & 1Gb up to 275 Meters

Space Allocation

Good	Size of room and clearances meet or exceed BICSI recommendations, and is a dedicated Data Room
Poor	Size of room and clearances DO NOT meet BICSI recommendations or is a shared space (e.g.: storage, custodian, electrical, other.)

Cooling

Good	Cooling within Data room is adequate for this space
Poor	Cooling within Data room is NOT adequate for this space

Grounding

Good	Equipment is grounded per BICSI and Manufacturer recommendations
Poor	Equipment is NOT grounded per BICSI or Manufacturer recommendations

UPS

Good	UPS's are existing, sized appropriately for the electronics, and in proper working order
Poor	UPS's are NOT existing, or properly sized for the electronics, and/or NOT in proper working order

06

Energy Use Summary

The intent of this report is to analyze the energy consumption for the fiscal year of 2019 for multiple schools within the New Haven School District. OLA previously completed energy modeling efforts for some of the schools analyzed within this study. The design energy usage found in these models was used as a comparison metric to verify if the building is performing at the expected level. The data found within this study is based on utility bills provided from New Haven School District as noted below:

Electricity

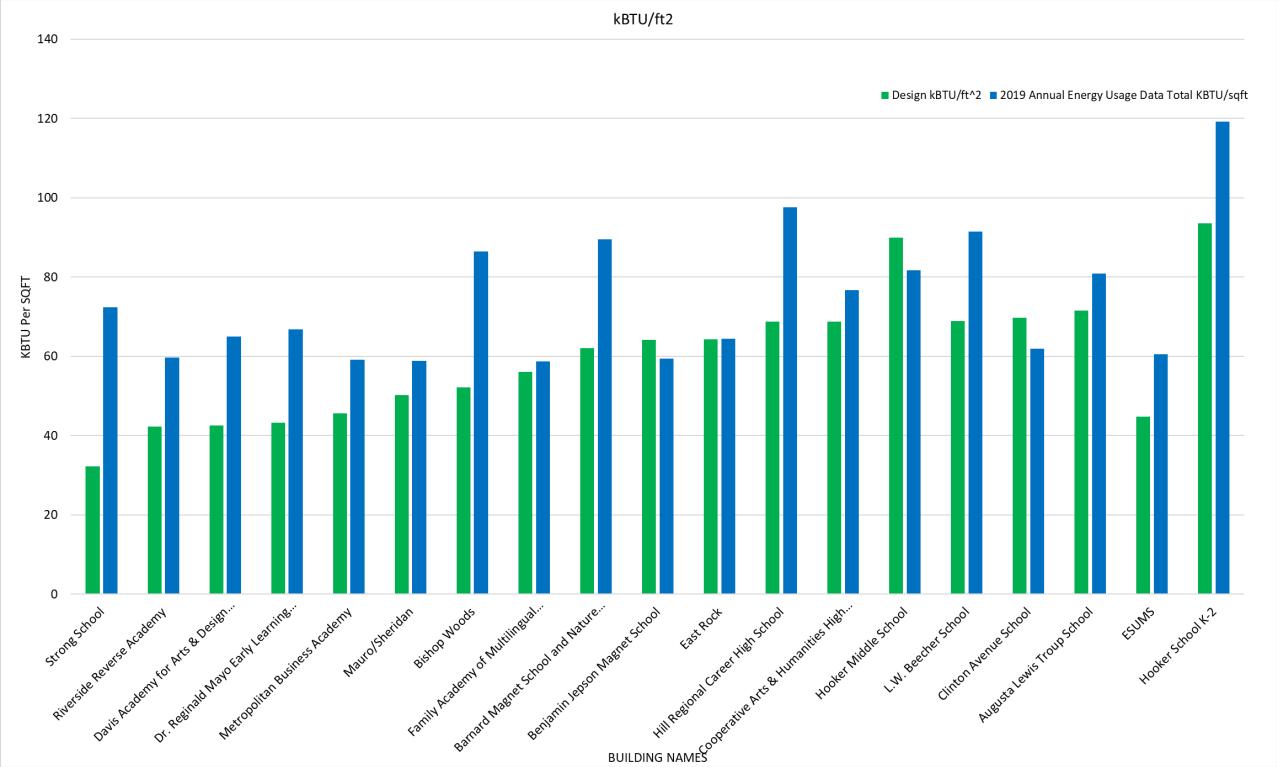
- Actual meter readings on Con Edison bills through May 2020.
- Calpine Energy Solutions (third party) bills through May 2020. The bill for July 2021 was not received (a cost assumption has been made).

Gas

- Actual meter readings on Southern Connecticut Gas Bills through May 2020.

Data, such as the electricity usage, demand usage and gas usage were taken from each school's utility bills. This data was then used to generate the graphs and tables discussed in this memo. A summary of the energy consumption is provided below.

- The overall school annual energy consumption varies from 276.05 kBtu/ft2 to 25.17 kBtu/ft2 when excluding offices and storage spaces from the data.
- Electrical demand makes up the largest percentage of the costs associated with the energy usage throughout the majority of the New Haven Schools.
- Schools vary in the total amount of electric meters provided by UI Electric. This is similar to the Southern Connecticut Gas Bills. The bills do not show an indication of the DHW usage.
- For schools in which OLA completed energy model analysis of the design documents, the majority of the schools are operating at a greater energy usage than expected. This may be due to an increase in the number of occupants, changes in building systems or an increase in plug loads than originally designed.
- Multiple schools in which energy modeling was previously completed have been closed or moved to a different location. For the schools still in operation, the majority of schools were found to be using more energy than the design intended.
- Bills were missing for various schools and thus energy usage was assumed in these cases. These assumptions are marked in the individual school energy tables located in the appendices in yellow.



Graph 1: kBTU/ft^2 for Modeled Schools

School Name	Design Energy Use (kBtu/ft$^{2)}$	Annual Energy Imported (kBtu/ft^2)
Strong School	32.2	72.38
Riverside Reverse Academy	42.3	59.75
Davis Academy for Arts & Design Innovation	42.5	65.03
Dr. Reginald Mayo Early Learning Center	43.3	66.74
Metropolitan Business Academy	45.6	59.21
Mauro/Sheridan	50.2	58.90
Bishop Woods	52.2	86.43
Family Academy of Multilingual Exploration	56.1	58.75
Barnard Magnet School and Nature Center	62	89.46
Benjamin Jepson Magnet School	64.2	59.35

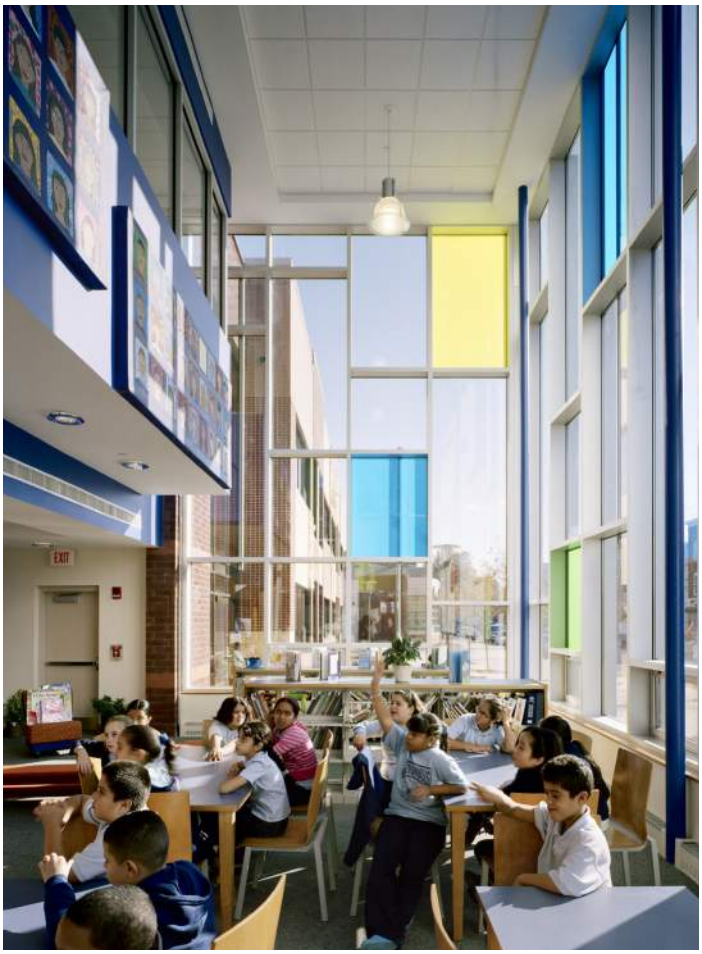
East Rock	64.3	64.44
Hill Regional Career High School	68.8	97.65
Cooperative Arts & Humanities High School	68.8	76.65
Hooker Middle School	90	81.67
L.W. Beecher School	68.9	91.53
Clinton Avenue School	69.7	61.89
Augusta Lewis Troup School	71.6	80.88
ESUMS	44.8	60.58
Hooker School	93.6	119.26
Grand Storage	N/A	2.29
Central Kitchen Facility	N/A	150.00
Facilities Management Office	N/A	22.75
Storage	N/A	35.83
Quinnipiac School	N/A	110.98
Early Learning Center	N/A	11.21
Sounds School - Emerson Building	N/A	98.00
Sound School, Mcneil Building	N/A	25.17
High School in the Community	N/A	21.82
Edgewood Magnet School	N/A	79.50
Clarence Rogers School	N/A	69.68
Wexler/Grant Community School	N/A	81.11
Conte West Hills Middle School	N/A	191.41
Lincoln Bassett	N/A	77.39
Brennan Rogers School of Communication and Media	N/A	72.90
Sound School Aquaculture	N/A	206.36
James Hillhouse High School	N/A	276.05
Betsy Ross Arts Magnet School	N/A	57.86
Wilbur Cross High	N/A	112.94

Truman	N/A	67.29
Fair Haven School	N/A	64.66
John S Martinez School	N/A	135.34
Ross/Woodward School	N/A	18.43
Riverside Academy	N/A	36.39
Celentano BioTech, Health and Medical Magnet School	N/A	87.85
Adult Continuing Education Center	N/A	57.64

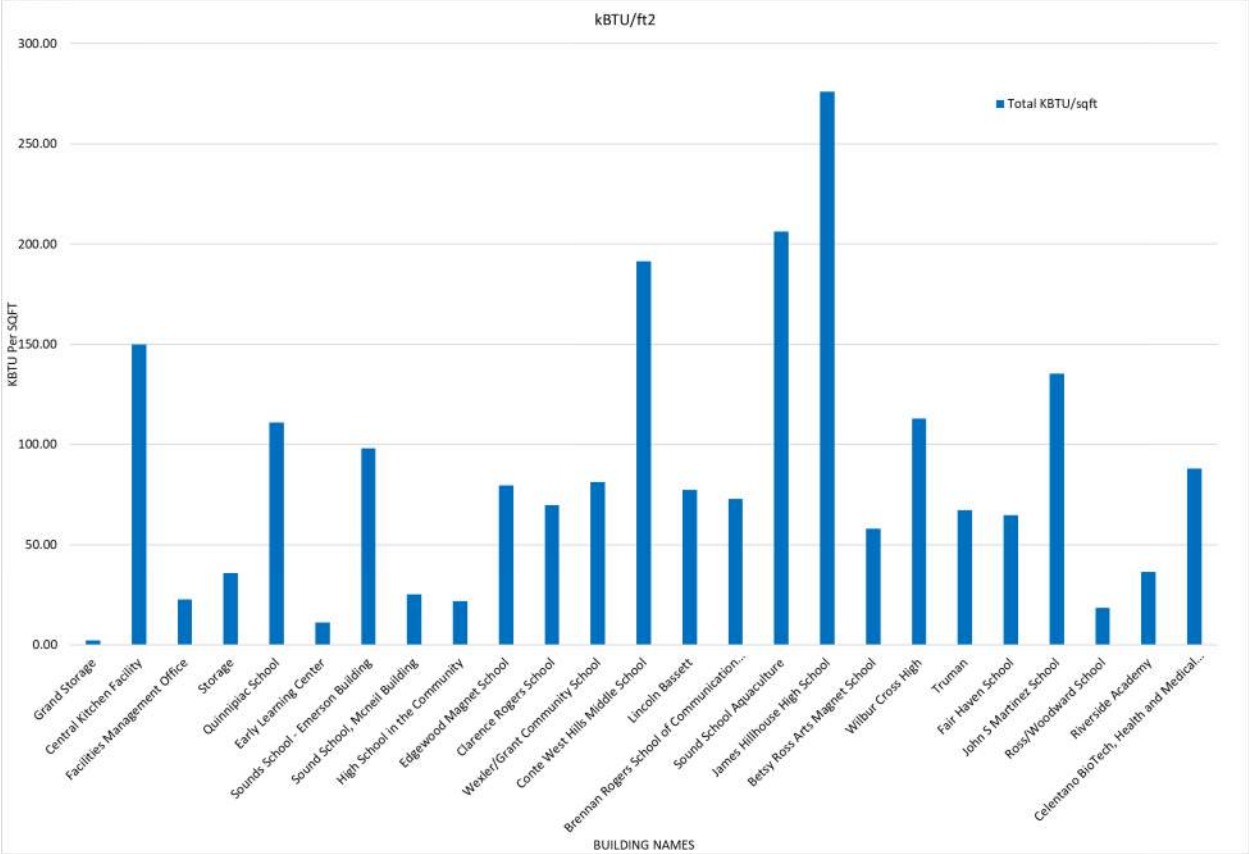
Note that as of the time of the issue of this report some of the data was not yet fully verified

The overall energy consumption for the New Haven School buildings in which Energy Modeling had previously been completed is shown in Table 1 and Graph 1 above. From these metrics, you can see the energy consumption varies between school type and size - the high schools having a higher kBtu/ft2of energy usage as compared to the other schools or non-school use buildings (community buildings, facility management, storage). Furthermore, the above table and graph also shows the design kBtu/ft2, which was found during previous projects in which OLA created energy models for some schools and simulated energy use based on the design documents. The buildings that operate at a higher energy consumption than the design are colored in red while the buildings operating better or at design are colored in green.

Most of the schools or buildings were found to be consuming a larger energy use than originally designed. To further understand and recommend methods to reduce each sites energy usage, site and BMS investigation is needed.

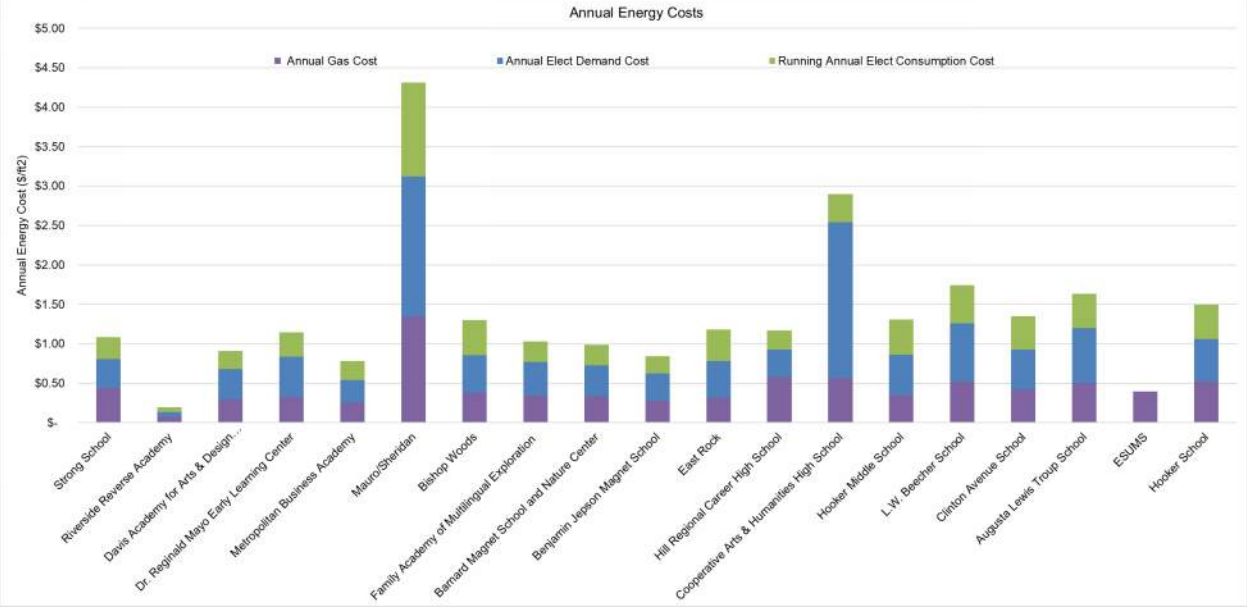


Family Academy for Multilingual Exploration

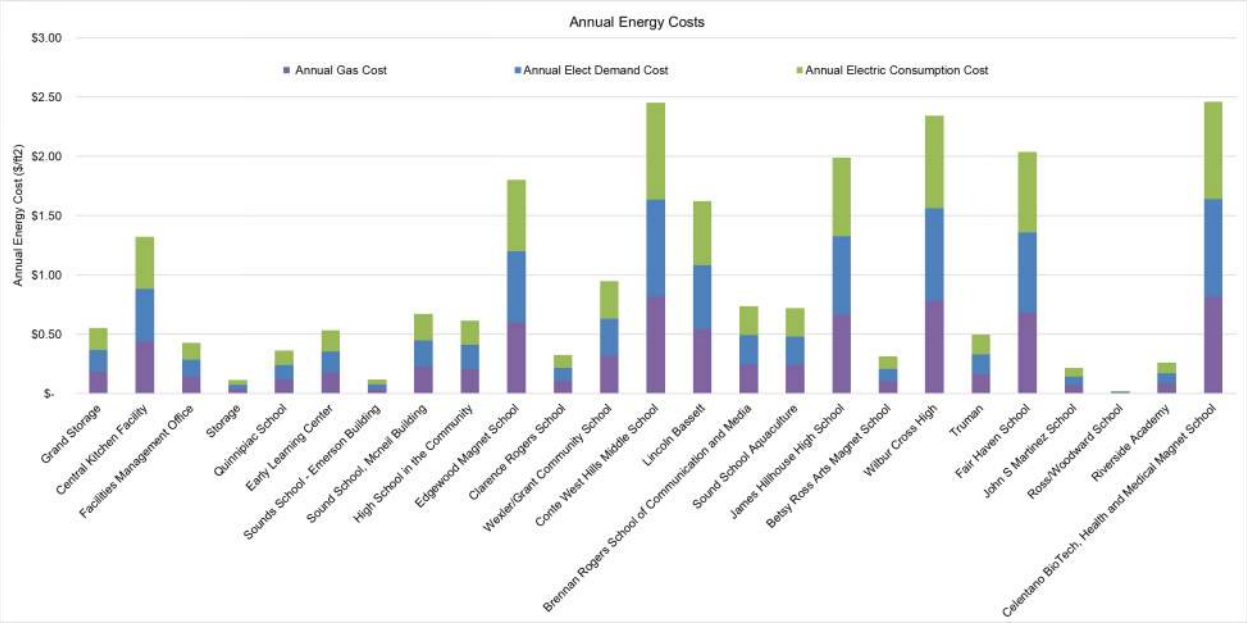


Graph 2: kBTU/ft2

Graph 2 above displays the energy usage for the remaining schools included in this study that had not been previously energy modeled. The graphs show less energy usage for the storage, facility management office and community schools as compared to the other student schools. James Hillhouse High is operating at 276.05 kBtu/ft2. This is the highest energy usage building included in this study.



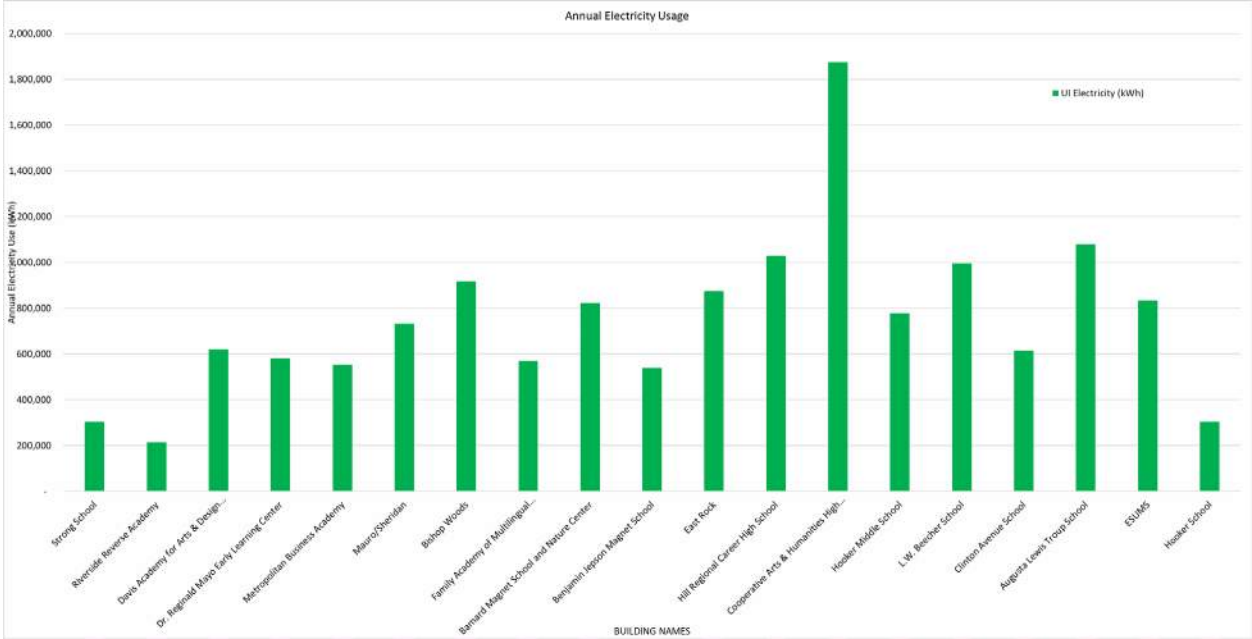
Graph 3: Energy Costs for Modeled Schools



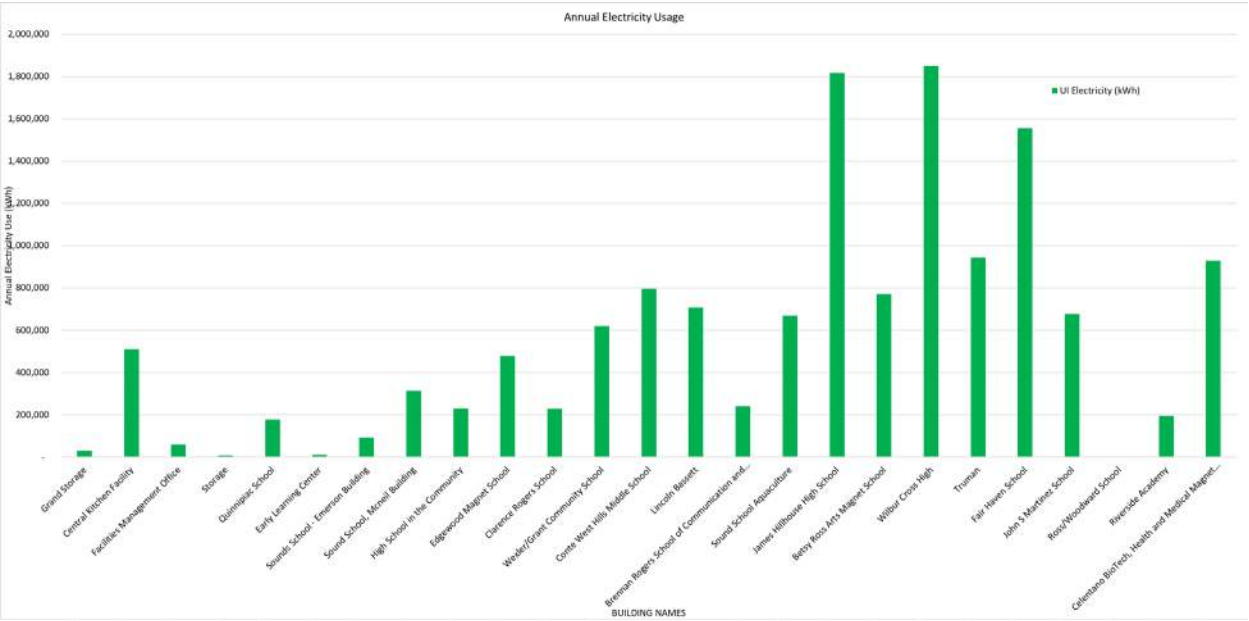
Graph 4: Energy Costs for non-modeled schools

	Annual UI Electric Cost	Annual UI Electric Demand Cost	Annual Calpine Electric Cost	Running Annual Natural Gas Cost	Running Annual Cost Total
2019	$1,054,092	$1,414,764	2,022,188	$1,457,688	$5,955,435

The above table shows the total energy cost for 2019 for all New Haven Schools included within this study. These metrics are broken down in the graph above by school and show the cost of each individual utility (Gas in purple, demand in blue and electric in green). As shown in the graphs, the majority of the energy costs associated with each school are associated with the electric and the demand costs. The average annual energy cost of all buildings and schools in 2019, $1.79/ft2.



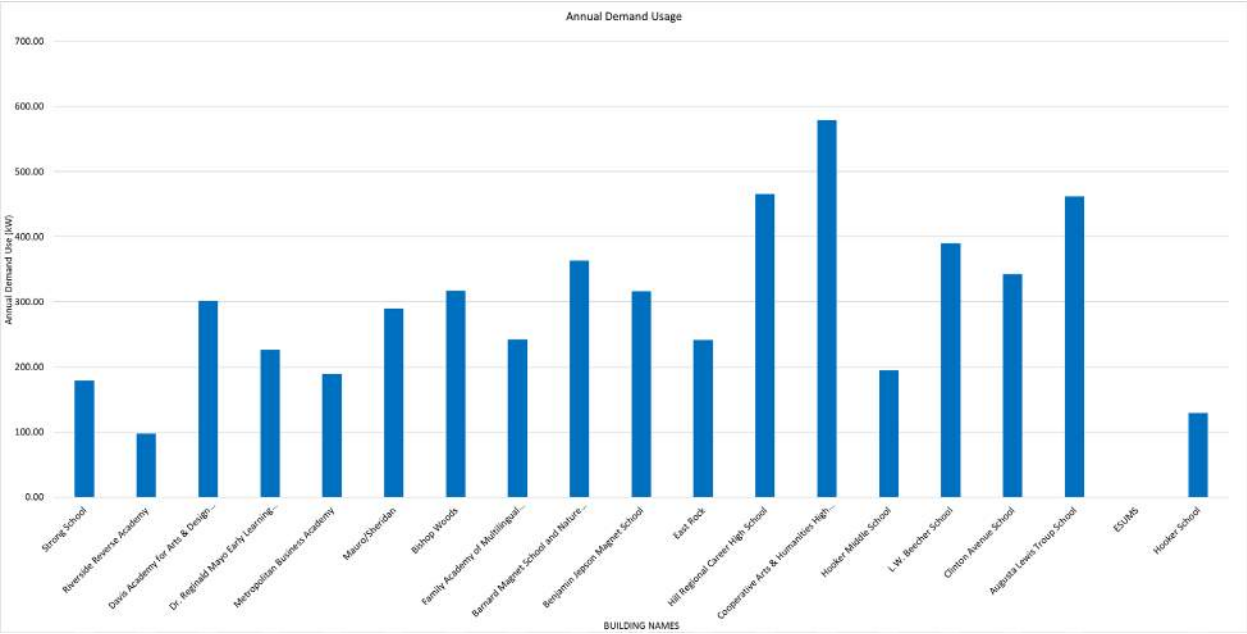
Graph 5: Annual Electricity Usage for Modeled schools



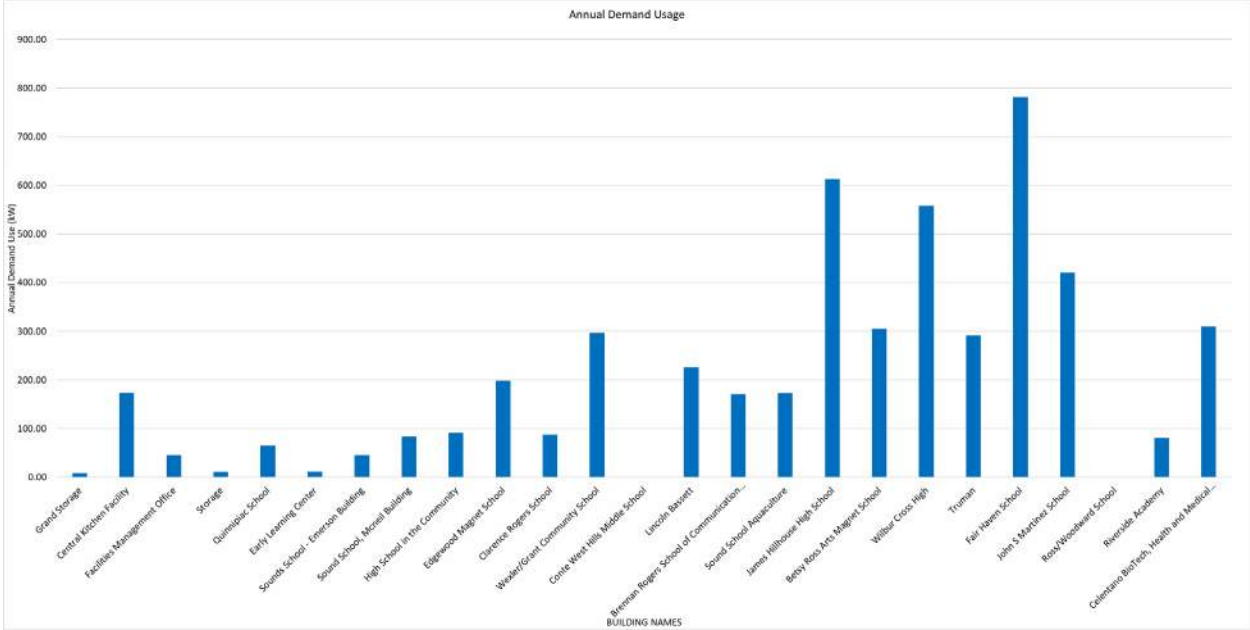
Graph 6: Annual Electricity Usage for non-modeled schools

	Building Name	Annual Electricity (kWh)
Average Elec Usage		630,777
Max Elec Usage	Cooperative Arts and Humanities High School	1,874,501
Min Elec Usage	Ross Woodward	1,956

Graph 5 and graph 6 above show the total electricity usage in kilowatt hours. On average the buildings used 630,777 kWh throughout fiscal year 2019, with the maximum amount of kWh used for an individual school for was 1,874,501 kWh at The Cooperative Arts and Humanities High School. As this is one of the larger schools this value seems accurate. However, the minimum electricity usage for a building was 1,956 kWh at the Ross Woodward school.



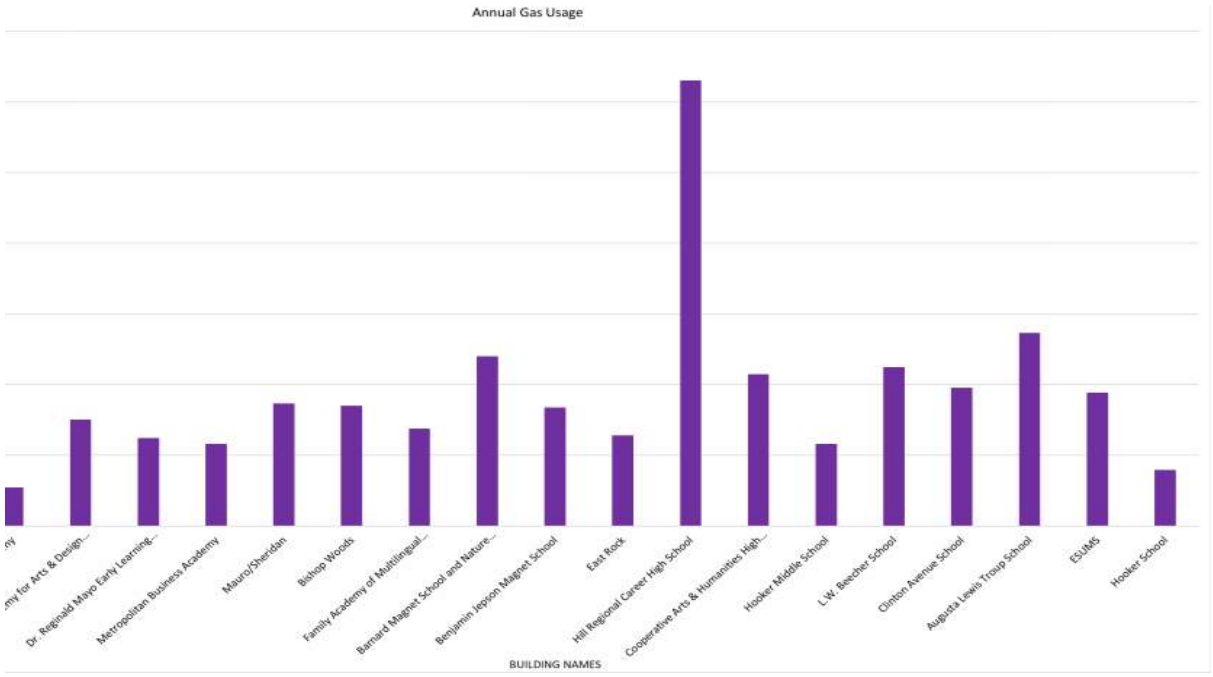
Graph 7: Demand Usage for Modeled schools



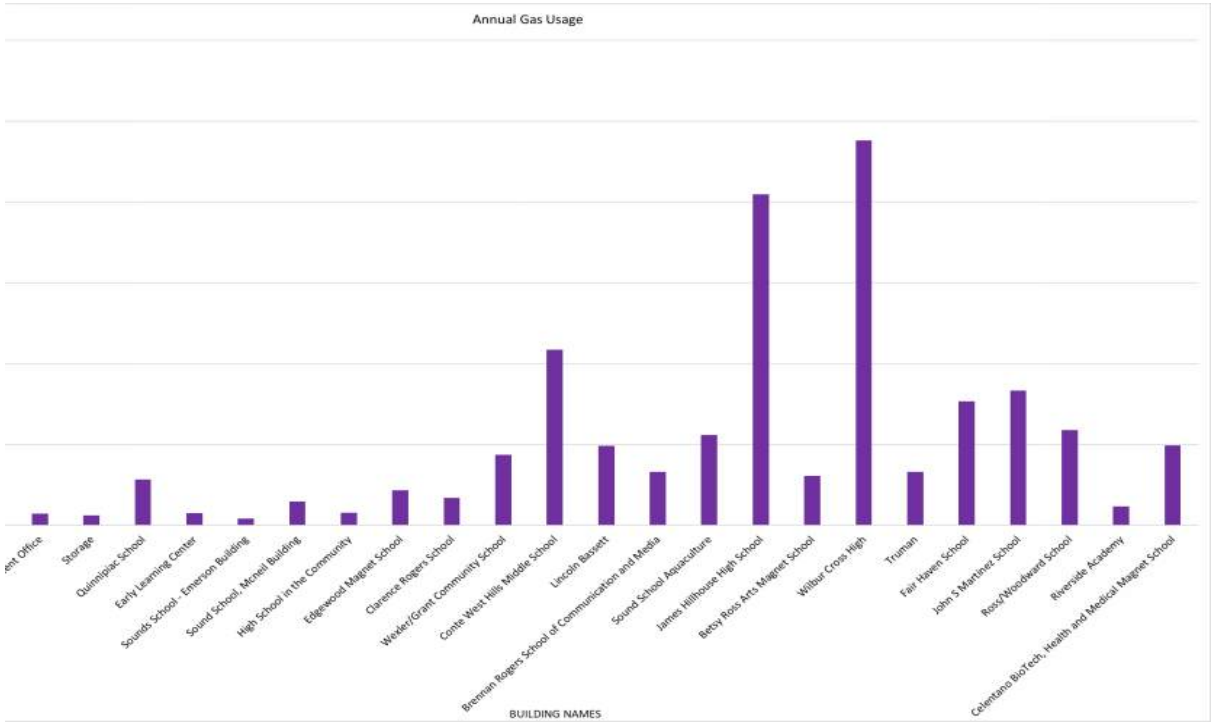
Graph 8: Demand Usage for non-modeled schools

	Building Name	Annual Demand (kW)
Average Demand Usage		239
Max Demand Usage	Fair Haven School	781.5
Min Demand Usage	Early Learning Center	11.3

As indicated in the table above, primary (daytime) electricity demand averages 239 kW per year, while the maximum occurs at Fair Haven School and the minimum (outside of storage facilities) occurs at Fair Haven School. It is important to note that no kW data was reported on the utility bills for Ross Woodward, ESUMS and Conte West Hills School.



Graph 9: Gas Usage for Modeled schools



Graph 10: Gas Usage for non-modeled schools

	Building Name	Annual Gas (Therms)
Average Gas Usage		42,726
Max Gas Usage	Wilbur Cross High School	238,239
Min Gas Usage	Sound School – Emerson Building	4133

The annual gas consumption from the gas meters in each building is shown above. The buildings average 42,726 therms of gas usage each year, while there is a max of 238,239 therms at Wilbur Cross High School and only 4,133 therms at Sound School Emerson Building. This correlates with the square footage of each of these buildings. None of the buildings in this study have a gas usage of 0, which means either the boiler, kitchen equipment or domestic water heater uses gas in each building.

07

Planning Recommendations

The recommendations developed as part of the Master Plan are intended to provide a framework to support the District's educational vision, right-size the portfolio of schools with present and projected enrollments, align future investment in fiscal realities, and ensure equitable use of the district's resources to maintain NHPS facilities for the years to come. Master Planning is an important process for districts by guiding capital investment in a thoughtful manner and helping the district reshape its schools to meet the needs of 21st Century teaching and learning. This Plan serves as a starting point for deeper discussions and future initiatives. Planning is a continuous process, and this document will provide a foundation for future decision making and plan refinement.

The recommendations in this plan are intended to be specific enough to provide meaningful guidance related to NHPS school organizational structure and facilities, while being flexible enough to respond to changing conditions and priorities over time.

Overarching Planning Goals

Goal #1: Develop a sustainable action plan that addresses:

- Efficient uses of buildings and resources
- Facility investments
- Changing educational needs

Goal #2: Right size and reposition schools to guide funding and resources more deliberately toward the highest return-on-investment and provide equitable access to resources.

Goal #3: Leverage this Master Plan as a roadmap to develop detailed actions

Overarching Objectives

To support the success of the goals identified above, the following supporting objectives were developed.

- Formulate a plan to consolidate PK-8 schools within the next 3-years. NHPS should consider individual school utilization, condition/age, capital renewal vs. cost avoidance, current and future operational budgets, programmatic needs, and location as it determines the most appropriate next steps.
- Achieve fiscal and operational sustainability by aligning school facilities to enrollment to ensure efficient operation, a right-sized portfolio, and well-utilized school facilities.
- Develop a capital investment strategy that aligns with NHPS' ability to fund, repair and maintain facilities.
- Provide full complement of support spaces at each building in appropriately sized spaces.
- Address overcrowding at Hillhouse and Wilbur Cross by leveraging available space in other High School facilities to allow expansion of programming (i.e. CTE, medical/clinical tech).
- Improve quality of interdistrict magnet facilities and offerings.

Plan Strategies

The strategies for implementation are developed to support the objectives and goals of this plan. The strategies can be implemented independently or collectively based on district capacity resources and community input. Each specific strategy must be evaluated within the context of the overarching goals and flexible enough to be shaped by community input as NHPS brings forward the various strategies for implementation.

Strategies are grouped by focus areas:

- Capital Planning and Procedures
- School Consolidation
- Intra-district vs. Neighborhood
- PK-8 Schools
- High School Space Needs
- Interdistrict Magnets

Enhance Capital Planning and Procedures to Maintain High Quality Facilities

Rationale

While most of the City's school facilities are in good or fair condition, there needs to be a proactive and deliberate capital planning strategy to ensure that these facilities are well maintained and continue to meet educational objectives. Many facilities are 20 to 30 years old and building systems are nearing the end of their useful life. Historically, improvements are made on an as-needed basis rather than in a proactive manner as informed by a Capital Plan. The District should develop a Capital Plan to better plan and budget for future plan investments. Having more detailed information on facility condition and costs will also inform the structural or organizational changes the school system as described in the ensuing strategies.

Strategy

- Develop a Capital Plan for Deferred Maintenance and Asset Renewal Needs.
  - » Building on the Work completed to date, prepare a complete survey of the remaining schools and develop a priority list of short, medium and long term maintenance and asset renewal costs estimated to be required on an annual basis.
  - » The Capital Plan should take a holistic approach to building systems and infrastructure that accounts for architectural, mechanical systems, electrical systems, plumbing, technology, security, and site elements.
  - » The Capital Plan should be realistic and based on the district's and city's ability to fund improvements.
- NHPS should conduct a "school based" resource and operational costs analysis, including transportation costs. It is paramount to have a clear understanding what resources are going into each program and facility and draw comparisons to outcomes.

Evaluate School Consolidation Opportunities

Rationale

NHPS has been experiencing declining enrollment and enrollment is projected to continue to decline. Similar to most urban school districts with a substantial inventory of facilities of various vintages, NHPS has a considerable capital renewal backlog that far exceeds what can be addressed in a typical capital renewal cycle. Compounding that issues is a portfolio of buildings and operations that do not align with the enrollment needs, operational budget constraints, and the district's ability to fund capital renewal for such a large portfolio of buildings.

Strategy

- Conduct a transparent community outreach process that's both informative and solicits feedback from a wide range of stakeholders including families, students, educators, board members, community members, and civic leaders. This process requires a two-way flow of information and needs to be quantitative and qualitative.
- Consider facility reuse options for consolidated facilities (i.e. BOE administrative space, professional development, and other support functions).

John S. Martinez Magnet School

Evaluate and Balance Intra-district vs. Neighborhood PK-8s

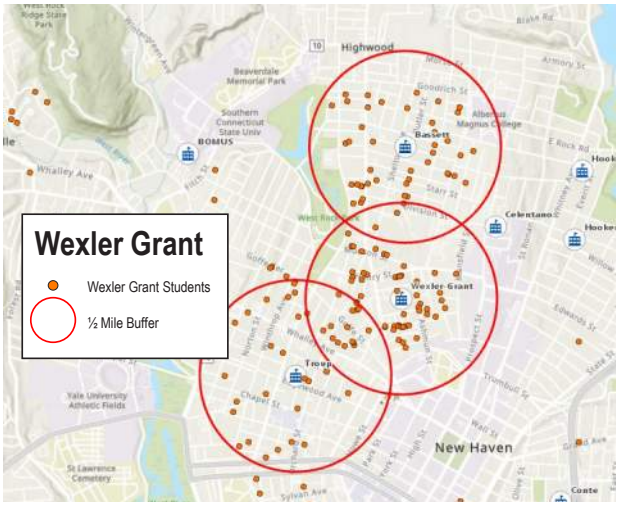
Rationale

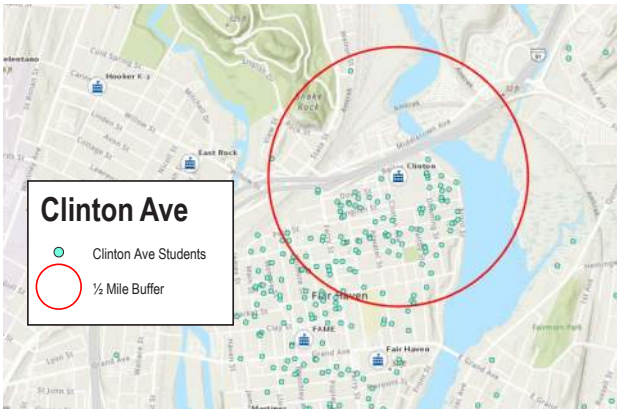
There are blurred lines between the district's neighborhood and intra-district PK-8 schools in both name and operation. Some neighborhood schools do not have defined neighborhoods and function more like ad-hoc magnets. In some instances, students reside within walking distance to neighborhood schools, yet are bussed to another neighborhood school.

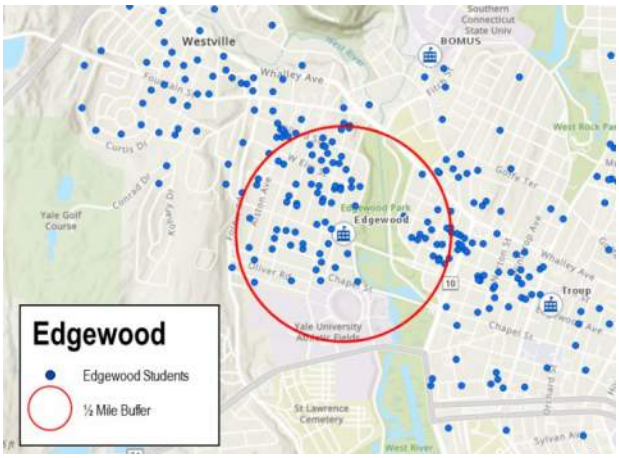
Many of the current intra-district magnet schools, have significant neighborhood enrollment (<1/2 mile) such as Hill Central, while some, like Conte West Hills Magnet, have no neighborhood centric students and rely heavily on bussing.

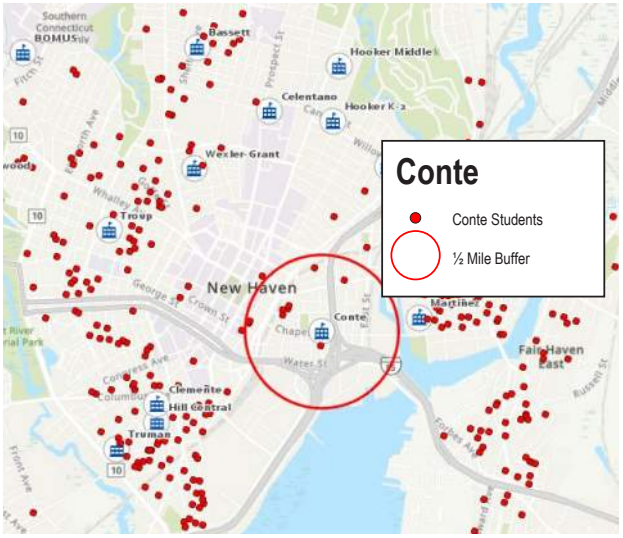
Strategy

- NHPS should better define the schools and programs to create better clarity for the community, students, and overall operations for buildings.
- Schools should be sustainably sized and structured to provide improved operational efficiency, appropriate resources for programs and flexibility for changing needs.
- NHPS should evaluate the intra-district magnet programs and carefully weigh the considerations versus neighborhood PK-8's in light of educational benefits, transportation and operational costs, and capital renewal cost avoidance.
- NHPS should identify what programs are working, have interest from students, and have purposefully designed buildings that support them.
- Determine what intra-district magnets (if any) can be converted to neighborhood-based schools.
- Based on the above, NHPS should define attendance zones and policies for placement.









Evaluate Consistent Grade Configuration for PK-8 grades

Rationale

While a majority of elementary schools are organized as PK-8 schools, providing a consistent learning environment and educational experiences with peer groups, not all elementary schools operate similarly. Lincoln Basset (PK-6) and Barack H. Obama Magnet University School or BOMUS (PK-4), lack clear pathway transitions into grades 7 or 5, respectively. Students must apply to either an arts focused program at Betsy Ross Arts Magnet (5-8), Engineering & Science University Magnet School or ESUMS (6-12) or finish their elementary experience at a PK-8.

Strategy

- Develop consistent grade configurations to better define pathways and eliminate unnecessary transitions
- Consolidate additional PK programs into available space at Dr. Mayo to better utilize available capacity at centrally located facility. Could further support capacity needed for movement to consistent grade configurations and better utilized K-8 school

Address High School Space Needs

Rationale

Hillhouse and Wilbur Cross are both over capacity and are projected to remain over capacity for the next five years. Lack of capacity at the comprehensive high schools limits opportunities for program expansions and additional offerings, such as CTE and medical/health tech. There are available seats at some inter-district magnet high schools, however, this capacity is not usable at several schools due to the low share of non-resident students (district needs to maintain at least 25% non-resident students).

Strategy

- Enhance recruitment to Increase non-resident HS students to maintain state required percentages (can enroll 3 resident students for every 1 non-resident student).
- Work with State to explore options at inter-district schools:
  - » Demagnetize one or more interdistrict magnet high schools (potentially Career), filling available capacity with resident students and thereby freeing up space at Hillhouse and Wilbur Cross.
  - » Explore creation of a 9th Grade Academy to better prepare students transitioning to HS. Serve as an enrollment relief valve at comprehensive high schools.

Interdistrict Magnet

Rationale

NHPS has experienced a declining share of non-resident students in interdistrict magnet schools over the last ten years. Several interdistrict magnet schools are approaching the minimum 25% non-resident student requirement, which impacts the number of New Haven students that can participate in programs.

Strategy

- Maintain required non-resident percentages to maximize state operational funds.
- Reposition magnet themes to meet contemporary needs and direction of programs.
  - » Identify new programs that could be introduced that can better attract students.
  - » Conduct a gap analysis to better understand what is offered versus what is desired.
- Invest in and maintain purpose-built spaces that support interdistrict magnet programs.

The recommendations discussed above were developed in collaboration with NHPS leadership through the planning advisory group and provide the foundation for future dialogue around academic program vision, facilities, school configurations and operations. The Master Plan offers information across major areas of operation; however, it does not define specific project scopes or timelines. Further study is necessary to determine financial considerations and community support for the recommendations.

08

Acknowledgements

We wish to acknowledge the time and effort put in by everyone who assisted in the process of creating this Report.

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Edith Johnson - Director of Professional Learning

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Svigals+Partners

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Jason Morehouse, PLA – Associate Landscape Architect

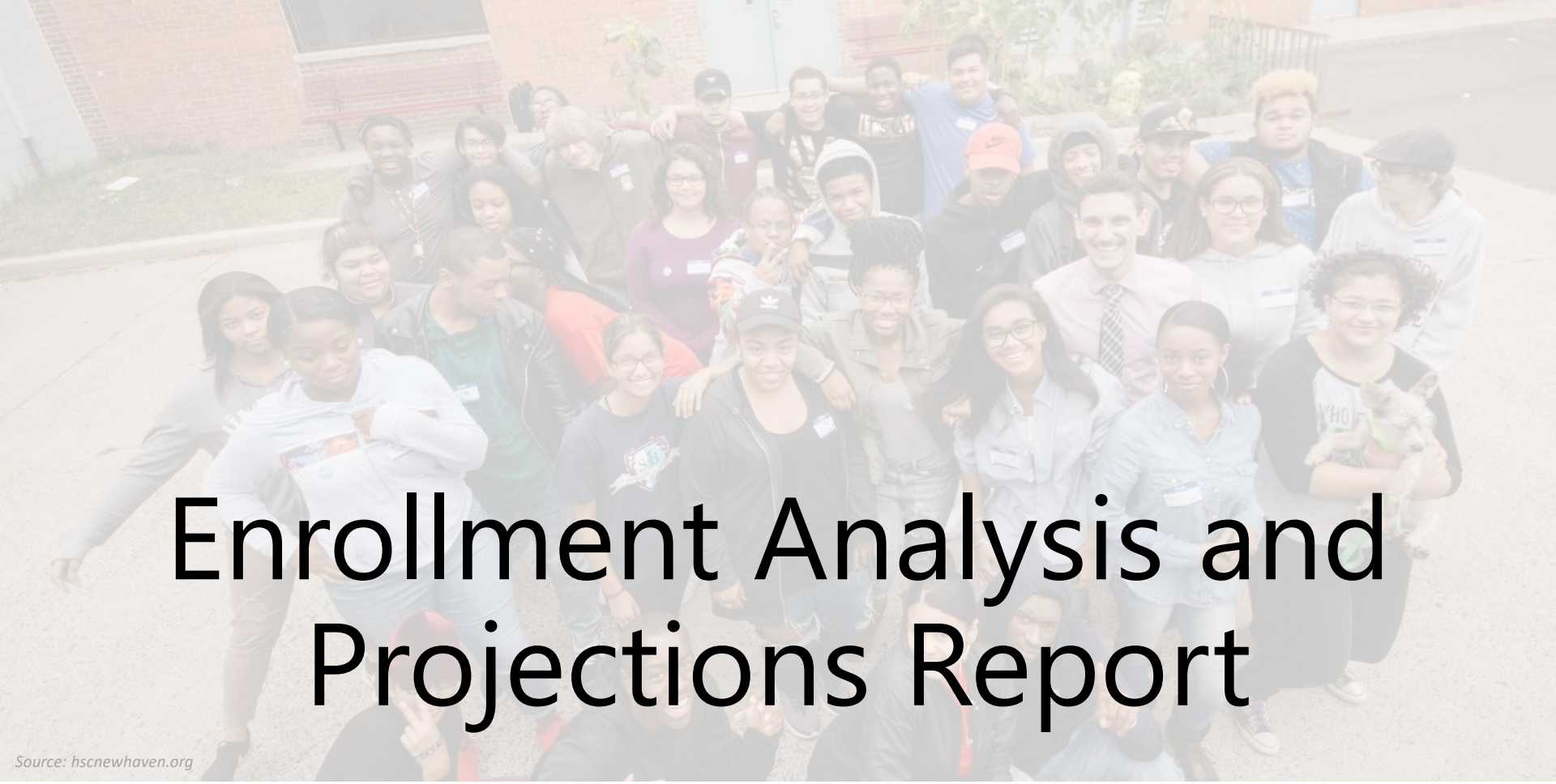
D'Agostino & Associates

Marc J D'Agostino – Founder & CEO

Nicholas D'Agostino, RCDD, PSP, PMP - Sr. Manager, System Design

Appendix A

Enrollment Analysis & Projections Reports



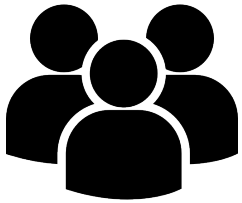
Enrollment Analysis and Projections Report

Source: hscnewhaven.org

NEW HAVEN PUBLIC SCHOOLS

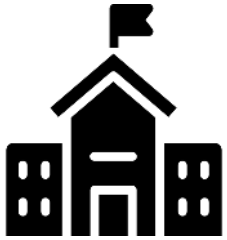
December 2022

Introduction



Demographics & Housing

Population
Employment
Housing



Enrollment Trends

Districtwide
Individual Schools
Student Migration

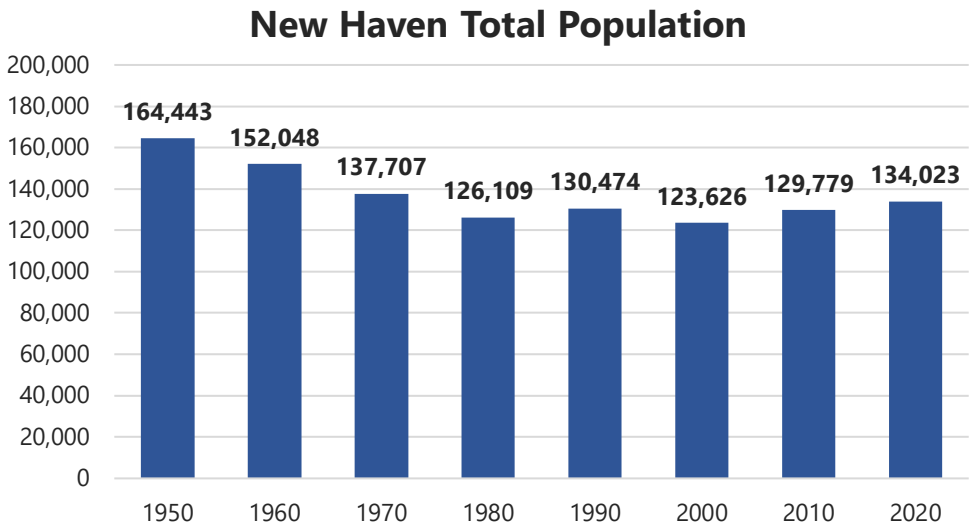
Enrollment Projections

Assumptions
10-year projections

Demographics & Housing

Parkside at City Crossing, Recent New Housing Development. Source: FIREGROUNDIMAGES

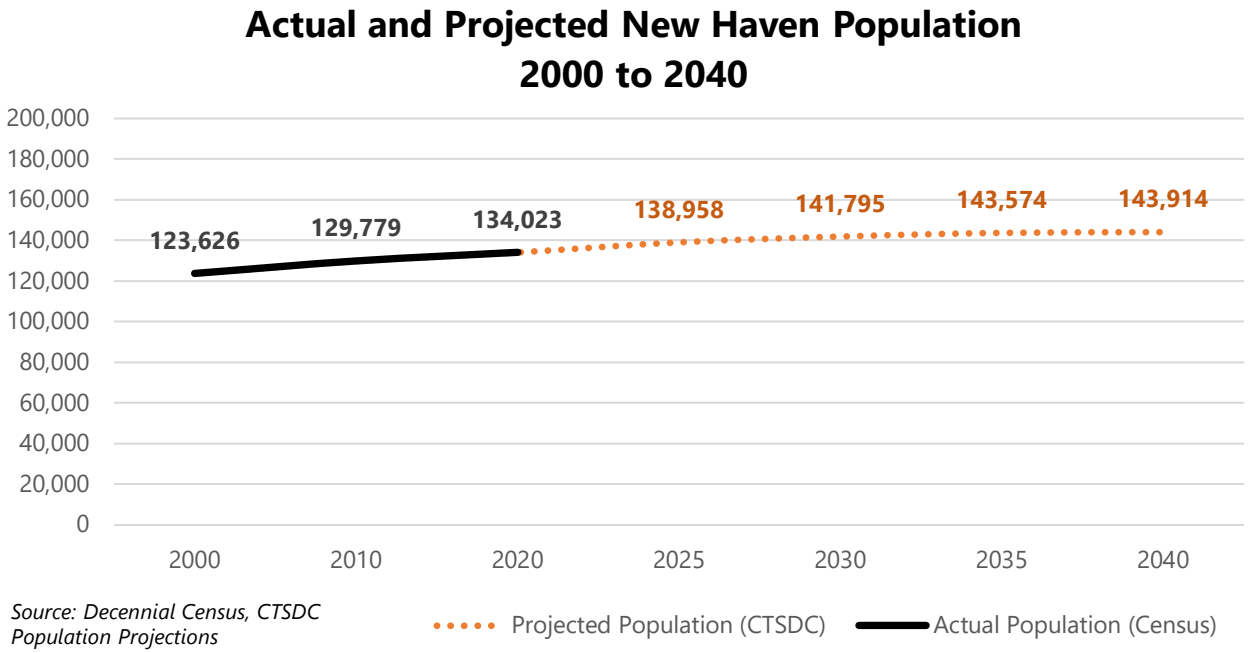
Total Population



Source: Decennial Census

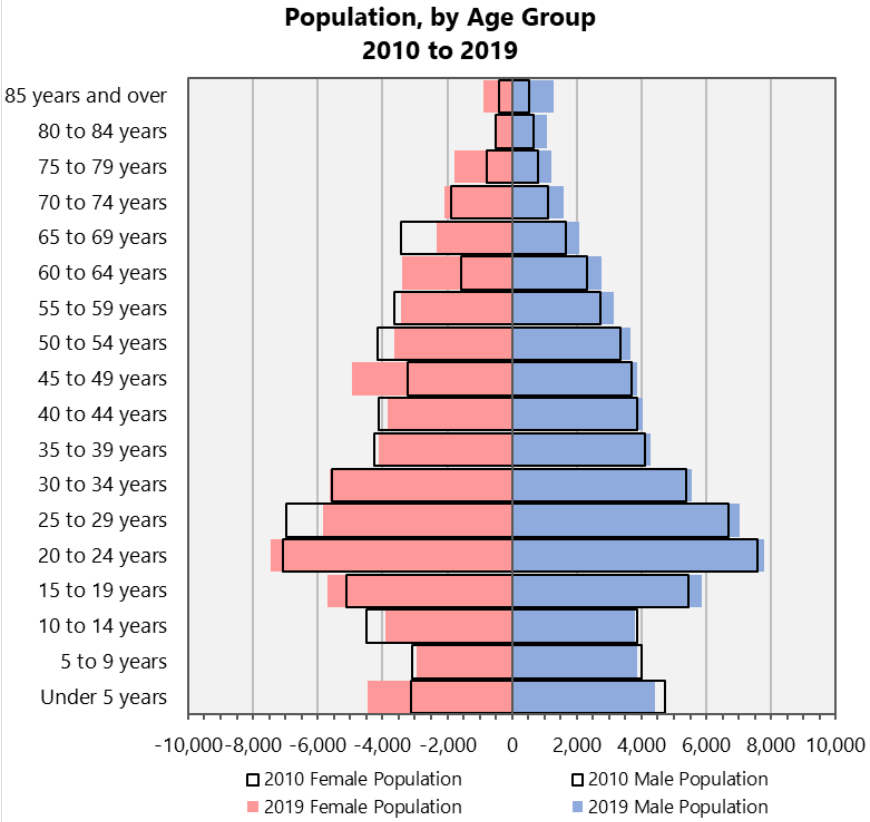
- Overall, population increased by 4,244 people or 3% since 2010
- New Haven has been slowly growing over past two decades

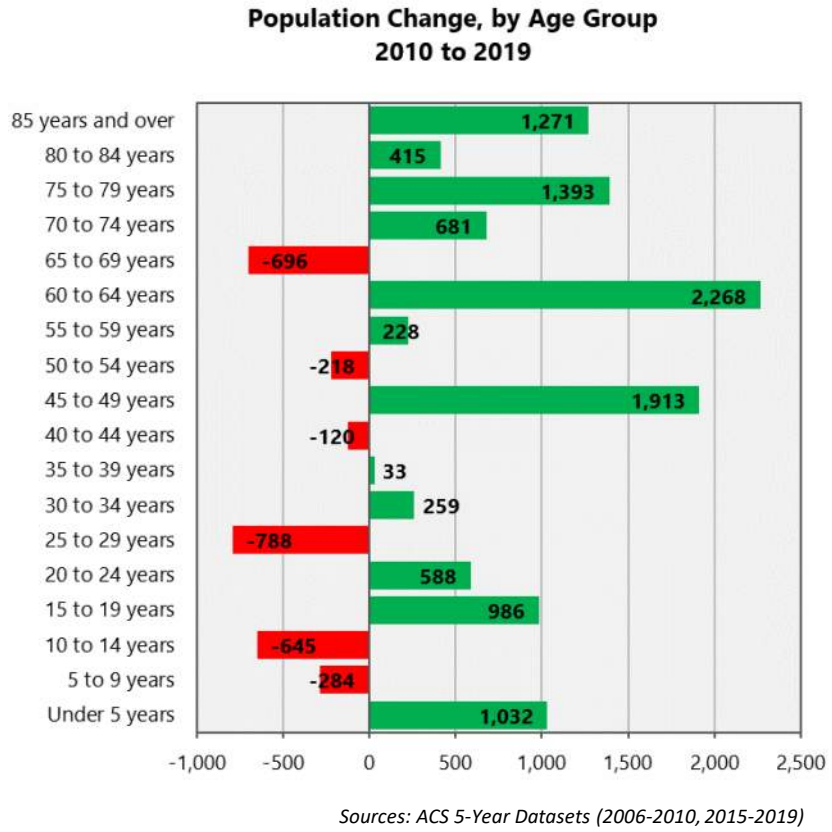
Population Projection



- Connecticut State Data Center (CTSDC) Population projections anticipate New Haven population to continue growing over next ~20 years
- Peak population projected for 2040, just below 144,000 people

Population by Age Group





Sources: ACS 5-Year Datasets (2006-2010, 2015-2019)

- Generally, growing population in adults from age 45 to 85+, with the largest group being the "baby boomers" generation
  - Ages 50 to 54, and 65 to 69 decreased in population
- Declining population in school age children ages 5 to 14
- Children under 5 years increased, as well as between ages 15 to 19

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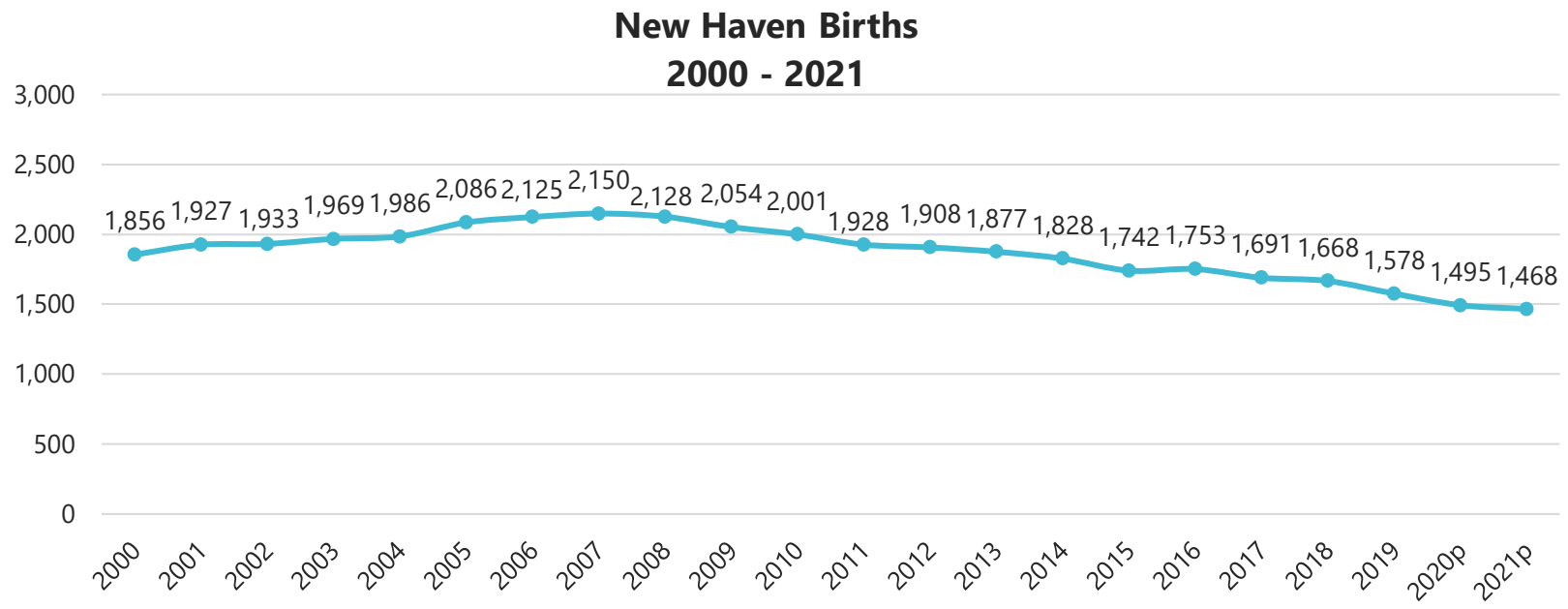
New Haven Resident Births



Source: CT Dept of Public Health; P indicates provisional data

- Births in New Haven have been steadily declining over the past 15 years, decreasing by about 680 or 31.7% during that time
- Over the past 10-years births have decreased by ~24%
- The decrease in births over the past decade has contributed to smaller resident student kindergarten cohorts

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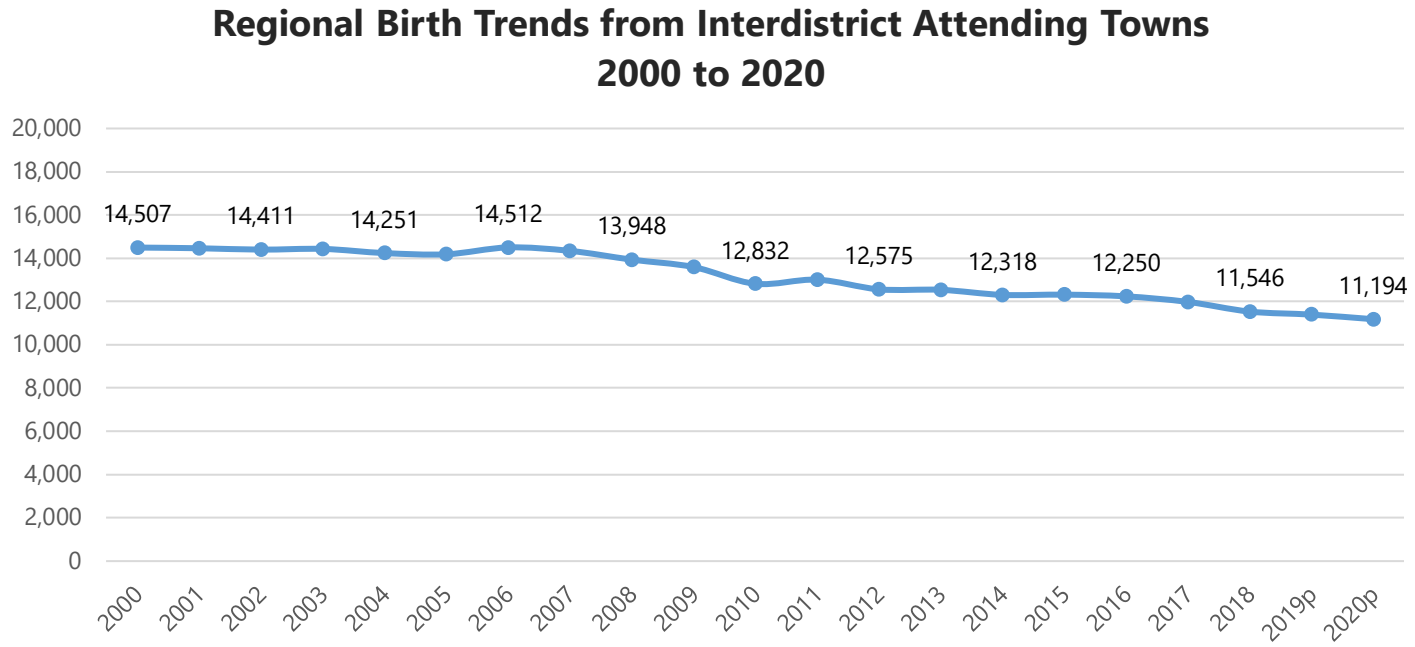
Regional Birth Trends



Source: CTDPH Birth Data; 2019 and 2020 are preliminary;
Includes towns sending at least 5 students on average to NHPS between 2016-17 and 2019-20

- Births across the region of interdistrict attending towns have been steadily declining since the mid-2000s, decreasing 14% over the past ten years
  - Decreasing at a slower rate than New Haven resident births
- Decreased births throughout region may result in less students to recruit for interdistrict magnet programs, especially at PK-8 schools

Includes towns sending five students or more to New Haven Public Schools

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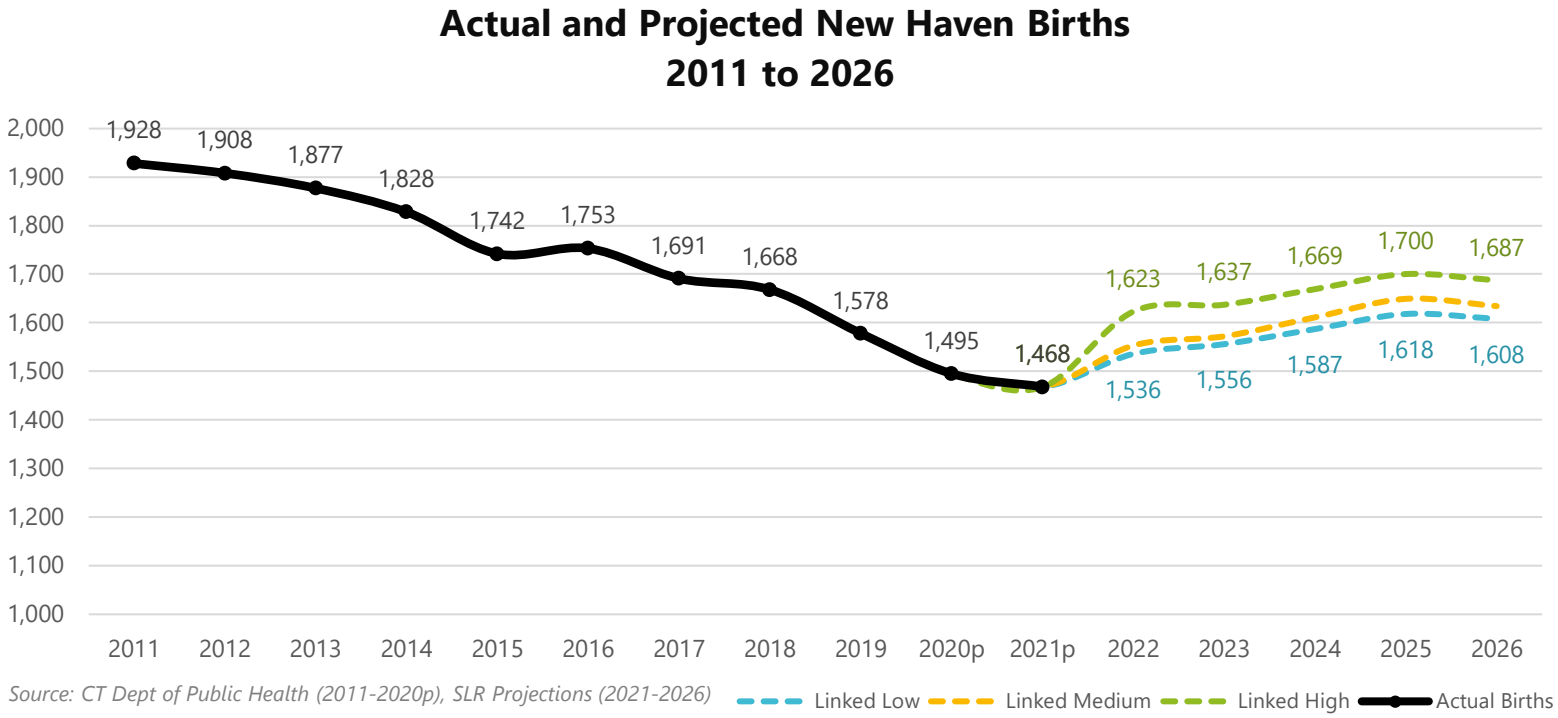
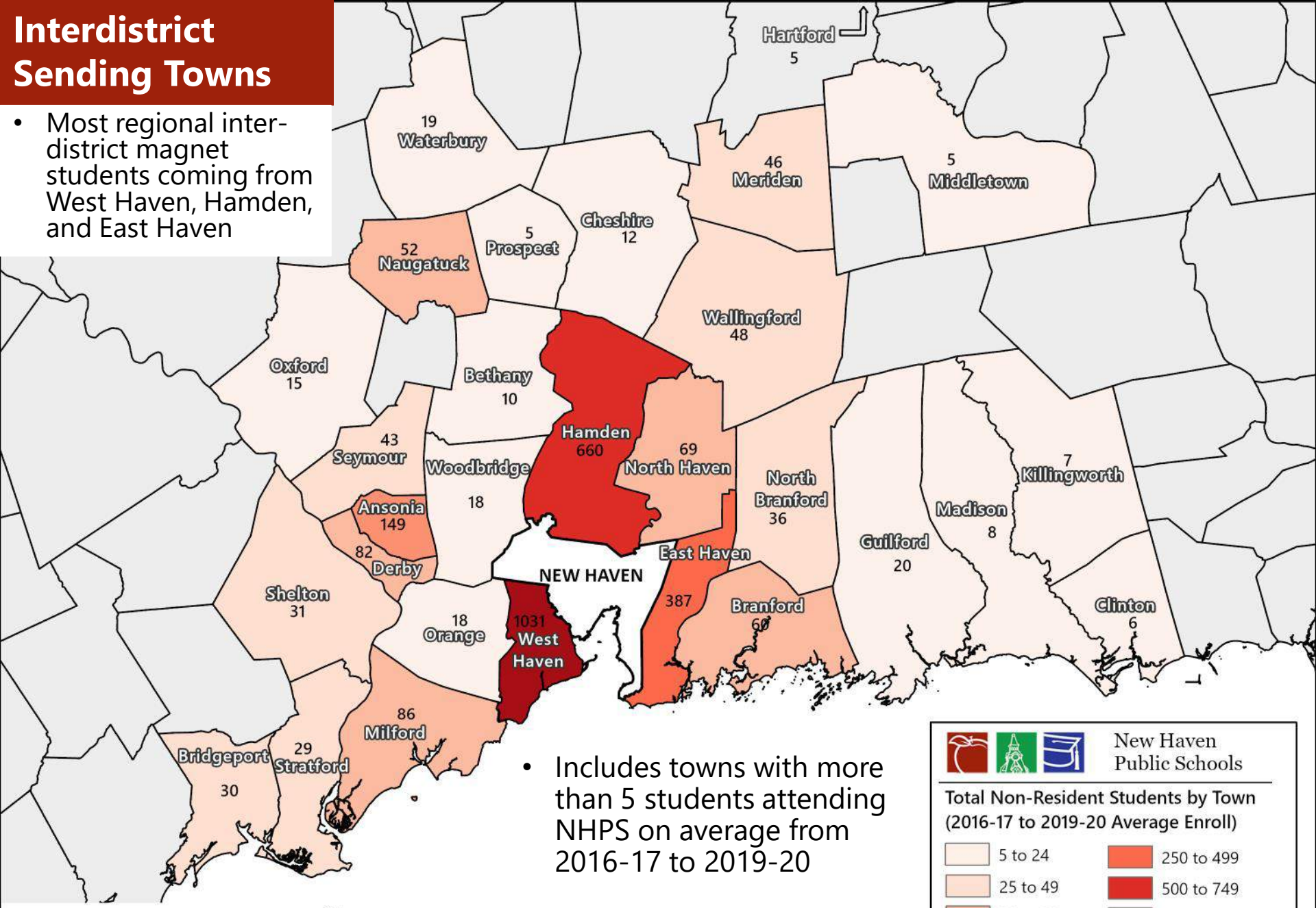
Future Projected Births



- New Haven resident birth projected to rebound and level off, ranging from about 1,536 to 1,700 during the projected years
- Birth projections are based on recent and historic census data, and population projections of women of childbearing age

Interdistrict Sending Towns

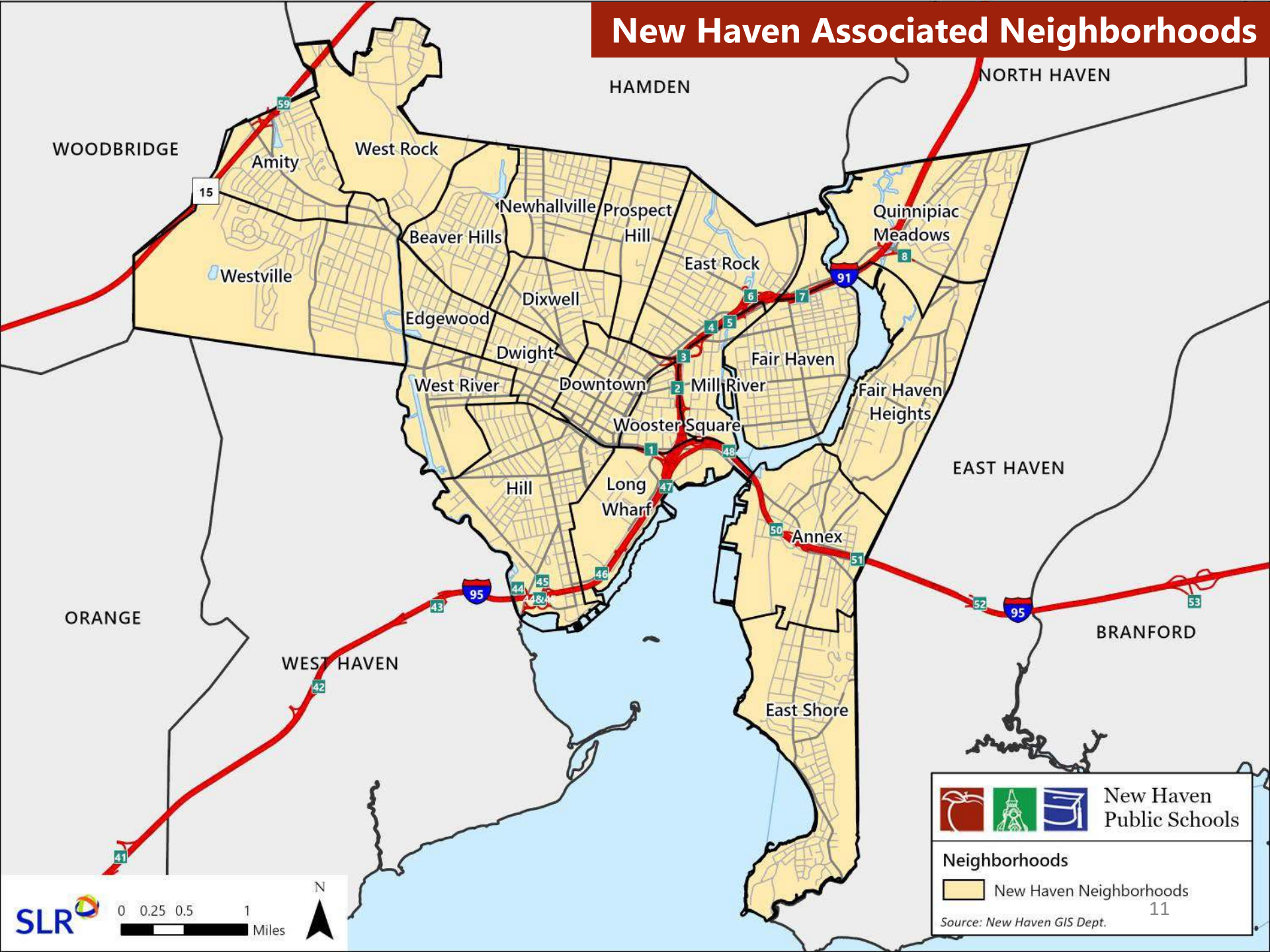
- Most regional inter-district magnet students coming from West Haven, Hamden, and East Haven



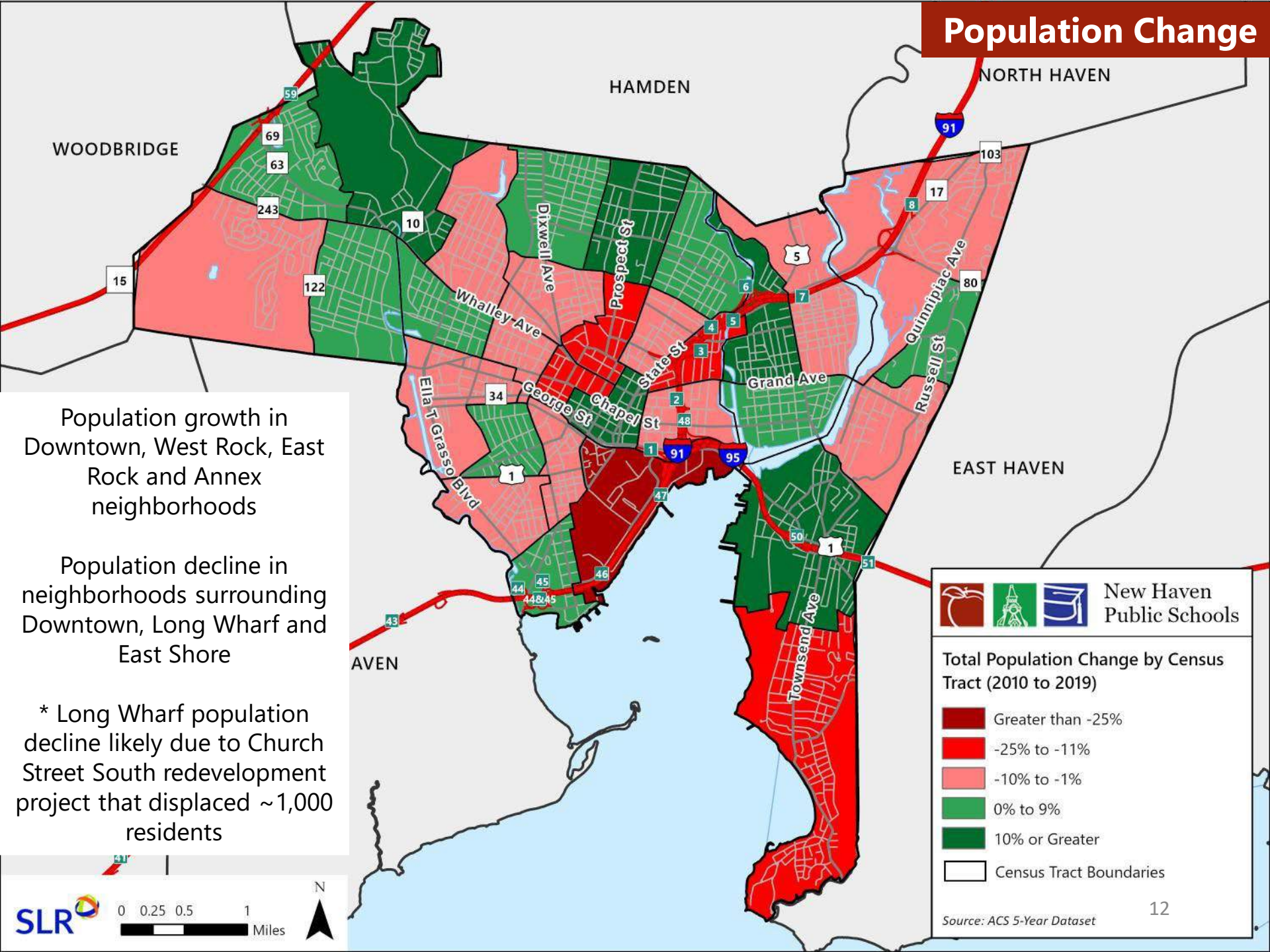
- Includes towns with more than 5 students attending NHPS on average from 2016-17 to 2019-20

Does not include 2020-21 due to pandemic impacts
Source: New Haven Public Schools PSIS Data

New Haven Associated Neighborhoods



Population Change

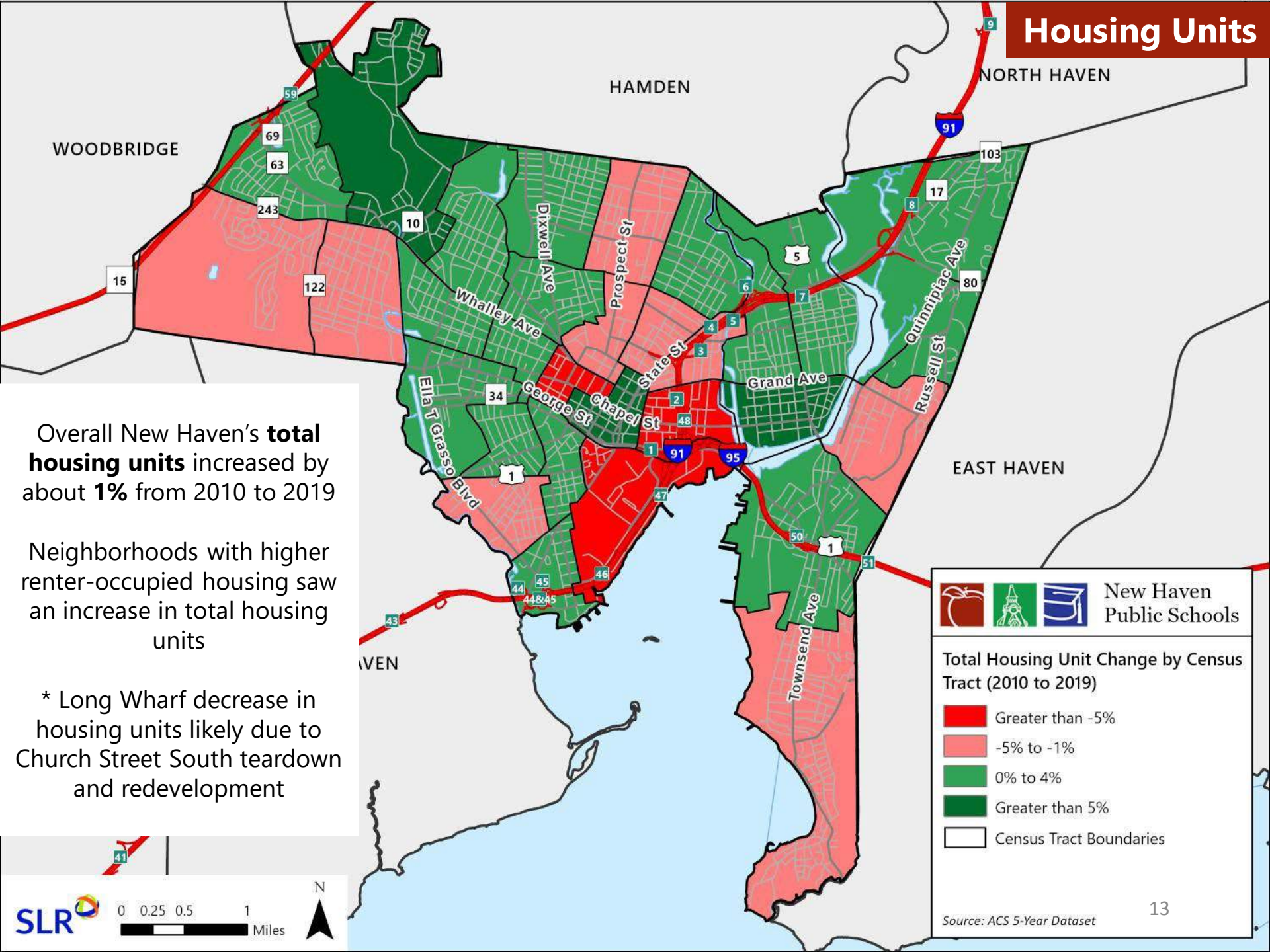


Population growth in Downtown, West Rock, East Rock and Annex neighborhoods

Population decline in neighborhoods surrounding Downtown, Long Wharf and East Shore

* Long Wharf population decline likely due to Church Street South redevelopment project that displaced ~1,000 residents

Housing Units

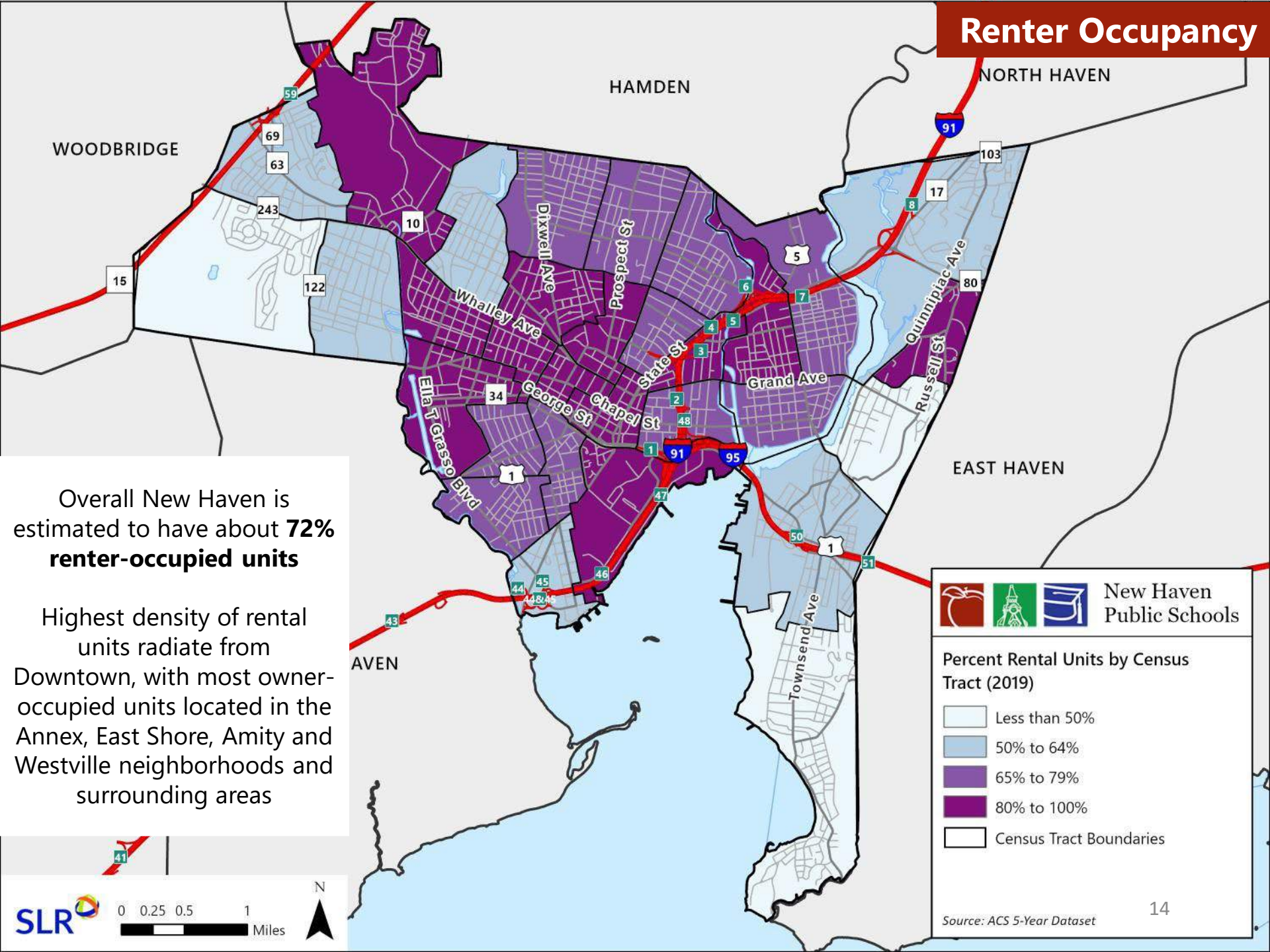


Overall New Haven's **total housing units** increased by about **1%** from 2010 to 2019

Neighborhoods with higher renter-occupied housing saw an increase in total housing units

* Long Wharf decrease in housing units likely due to Church Street South teardown and redevelopment

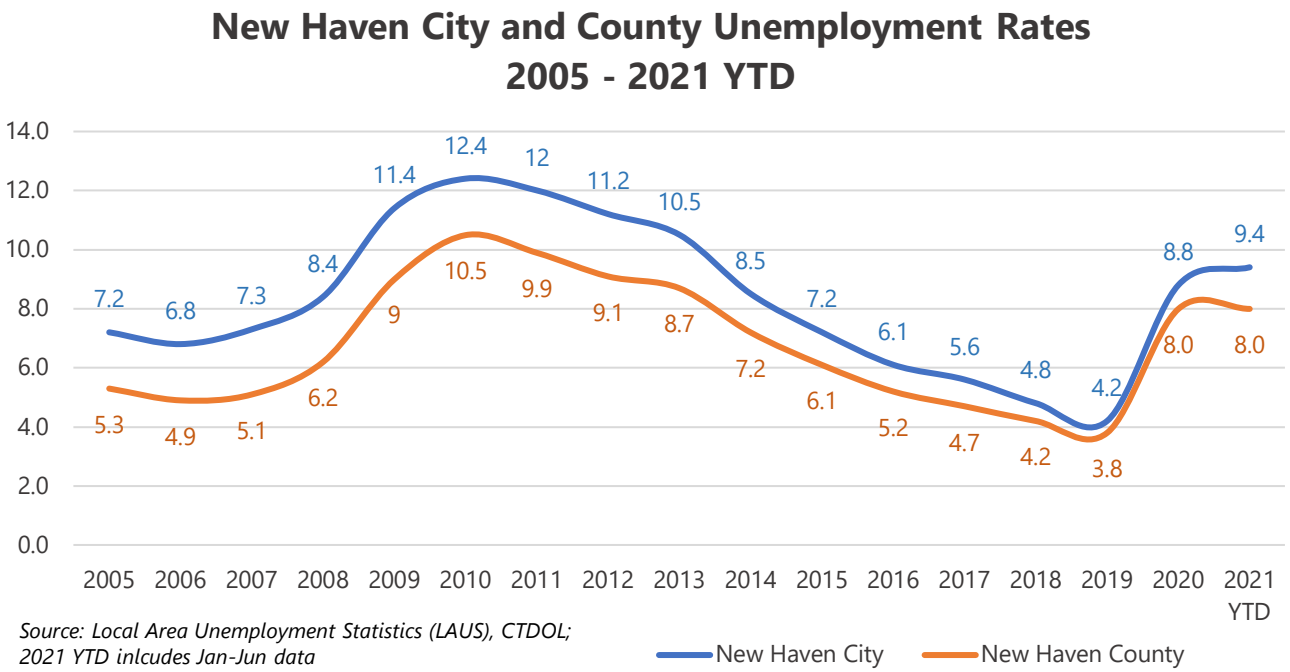
Renter Occupancy



Overall New Haven is estimated to have about **72% renter-occupied units**

Highest density of rental units radiate from Downtown, with most owner-occupied units located in the Annex, East Shore, Amity and Westville neighborhoods and surrounding areas

Unemployment



Source: Local Area Unemployment Statistics (LAUS), CTDOL;
2021 YTD inlcudes Jan-Jun data

- Historically, the City of New Haven has held an unemployment rate about 1-2% above New Haven County
- Due to the COVID-19 pandemic, unemployment rates jumped from a recent low around 4% to about 8%
  - City of New Haven unemployment rates continued to increase in 2021 reaching 9.4% through June

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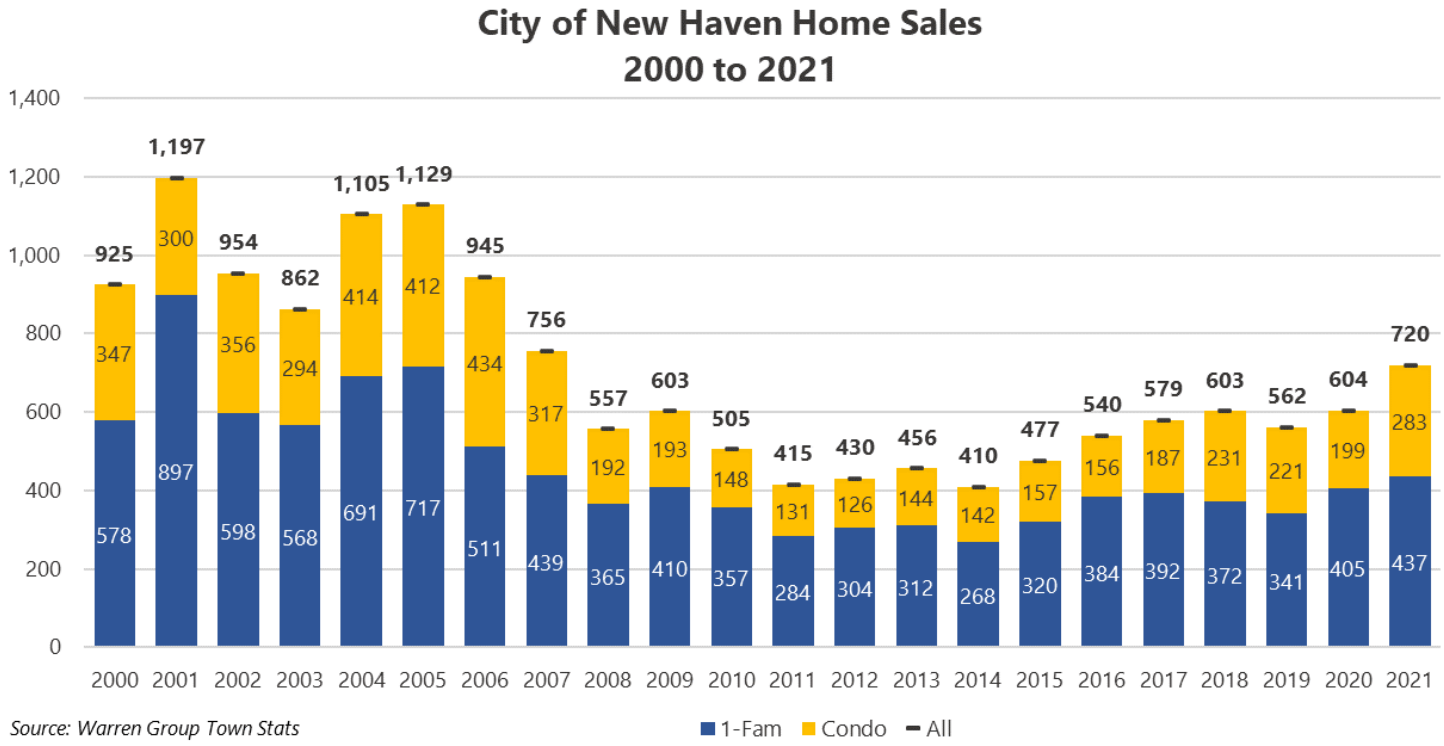
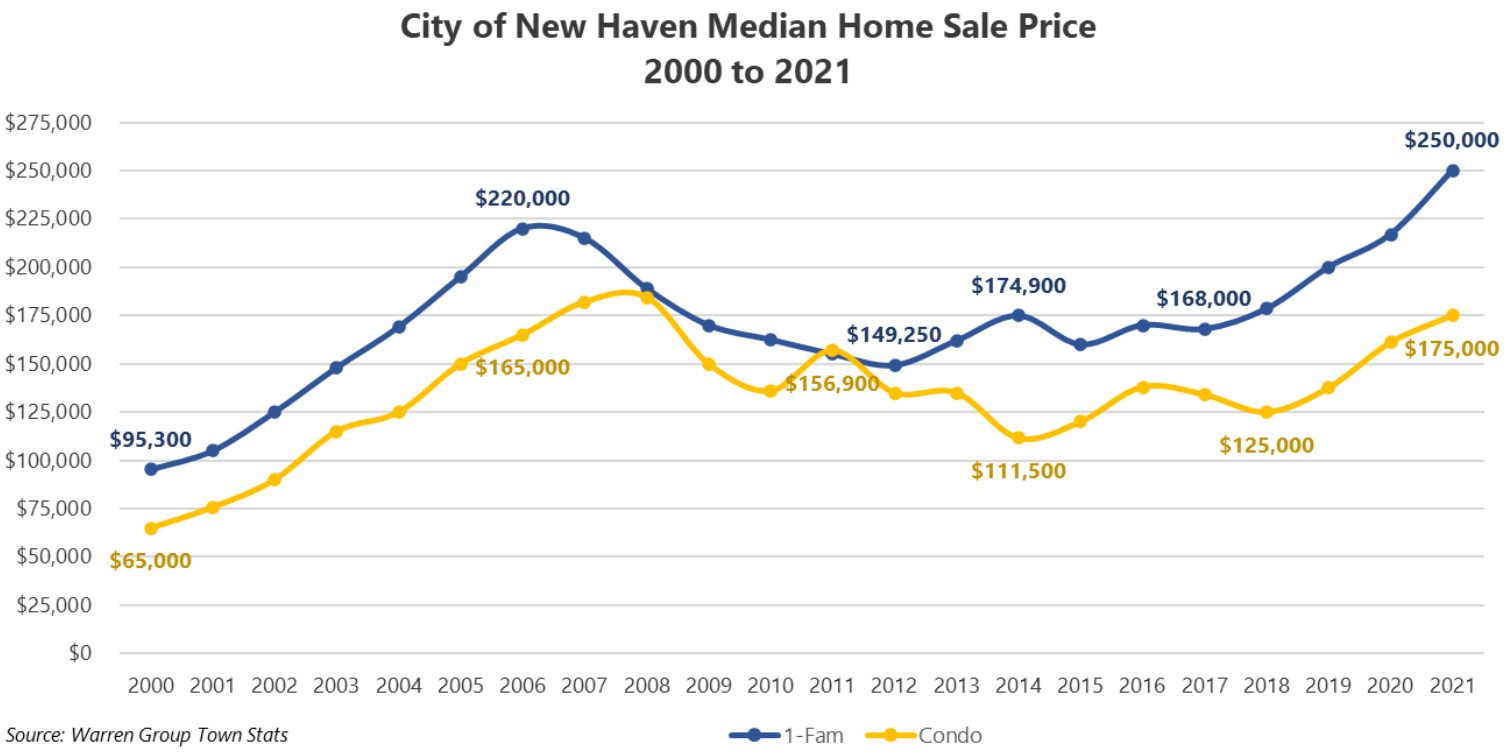
Home Sales



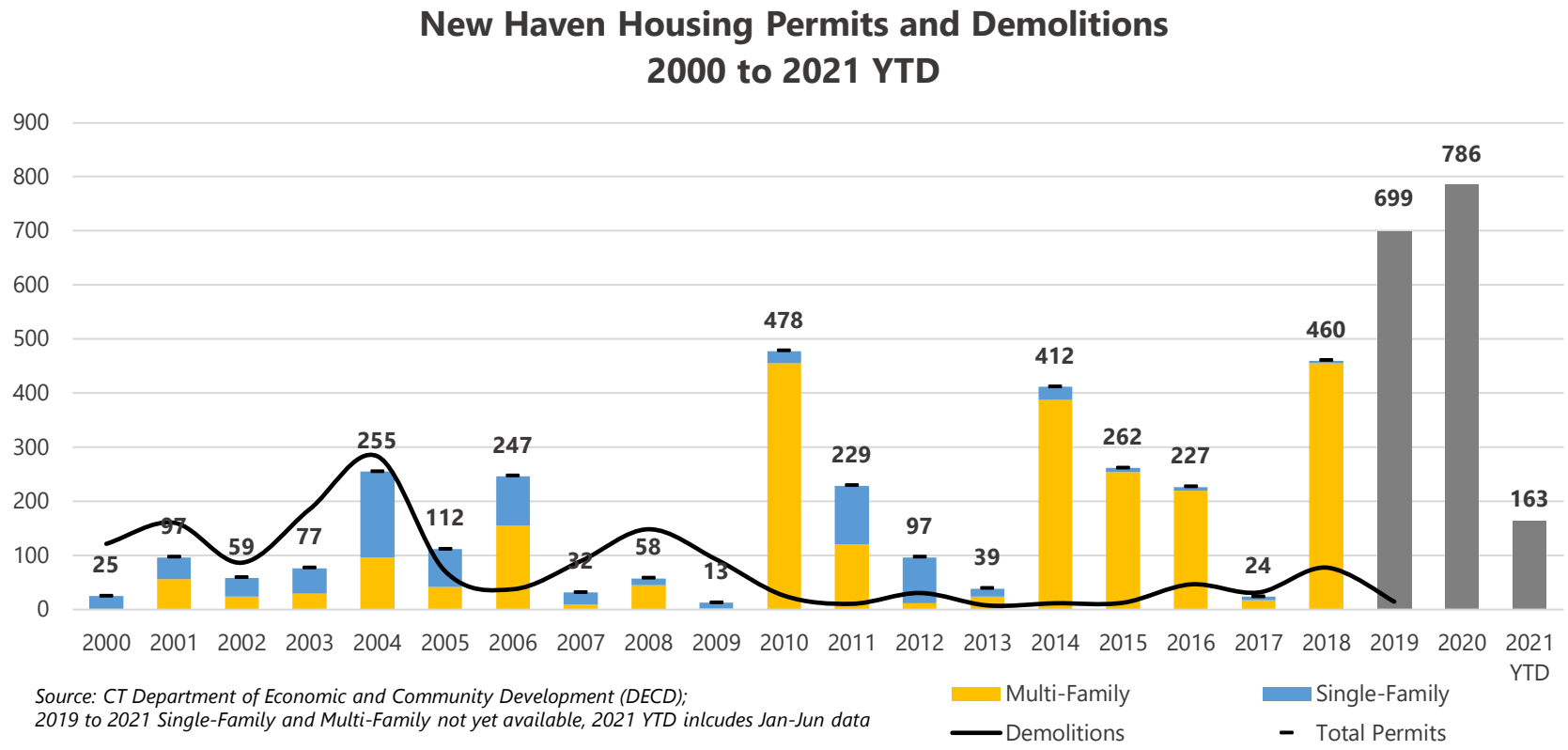
- Total home sales increased by 19% from 2020 to 2021
- Overall housing market has steadily rebounded since recent low in 2014 following the economic recession; increasing by about 76% over the past seven years

Median Home Sale Price



- Median home sale price increased in 2021, up ~15% over the past year for single-family homes and up ~9% for condos

Housing Permits



Source: CT Department of Economic and Community Development (DECD);
2019 to 2021 Single-Family and Multi-Family not yet available, 2021 YTD inlcudes Jan-Jun data

- Significant increase in housing permits from 2018 to 2020, ranging from 460 to 786 permits per year
  - While housing type data not available, assumed to be primarily multi-family permits

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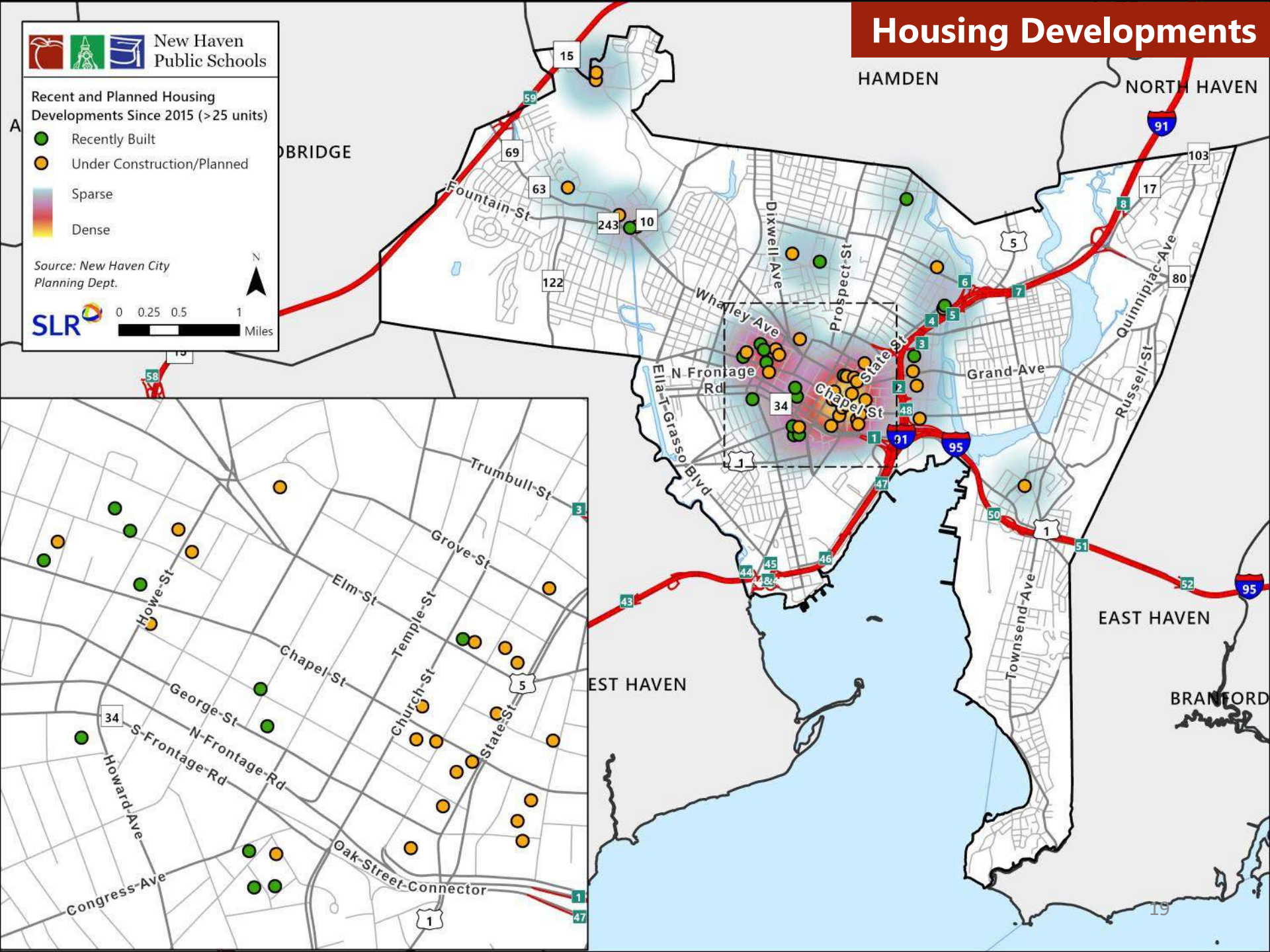
Housing Developments



Housing Developments Summary

Housing Developments Summary Table

Development Status	Projects	Total Units	Affordable Units	Market Rate Units
Completed (since 2015)	15	**1,751**	504	1,089
In Progress	12	**2,231**	473	1,758
Planned	26	**2,746**	921	2,050
Grand Total	**53**	**6,728**	**1,898**	**4,897**

Source: New Haven City Plan Department, Includes Developments > 25 units, provisional data for In Progress and Planned Developments

- Since 2015, about 1,750 housing units have been built
- Nearly 5,000 additional units are planned, approved or under construction
  - 28% of these housing units are affordable housing
- Significant housing development is occurring in the New Haven's downtown area. Based on bedroom counts and type of development, these units do not typically attract new students (next slide)

Student Generation from Housing

Student Generation from Recently Completed Developments

Development Projects	Total Units	Total Students	Student Yield (total students/unit)	New Students	New Student Yield (new total students/unit)	Development Type
216 Congress Avenue	**90**		0		0	New
Corsair	**235**		0		0	New
Dwight Gardens	**80**	42	0.53	7	0.09	Rehab
Eighteen High at New Haven Towers	**132**		0		0	New
Former Welch Annex School Conversion	**30**		0		0	New
Hill Associates Development	**65**		0		0	Rehab
Kensington Square Phase 1	**120**	54	0.45	1	0.01	Rehab
Metro 303	**78**		0		0	New
Mill River Crossing Phase 1	**94**	1	0.01		0.00	New
Novella	**136**		0		0	New
Parkside Crossing	**110**	3	0.03	2	0.02	New
ROCKVIEW PHASE 2	**78**		0		0	New
The Union	**145**	1	0.01		0.00	Conversion
Whitney Modern	**42**		0		0	New/Conversion
Winchester Lofts	**316**	2	0.01		0.00	Conversion
Grand Total	**1,751**	**103**	**0.06**	**10**	**0.01**	

Source: New Haven City Planning Dept., New Haven Public Schools. Includes students PK-12 from 2020-21

- Few students generated from recently built housing developments of scale (>25 units)
- **Based on our analysis, 0.005 new students have been generated per housing unit**
- Recent housing in downtown including affordable components has not been a significant driver of student generation
- About 1,750 new housing units developed during this time
  - Majority of students living in recently completed developments were already students of NHPS, not significantly impacting student population growth

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Demographics and Housing Summary

- Total population in New Haven increased from 2010 to 2020 by 3%, though children between ages 5-14 decreasing
- Births within New Haven as well as surrounding towns providing Interdistrict Magnet students decreased over past 20 years
- West Haven, Hamden and East Haven send the most Interdistrict Regional Magnet students to New Haven Public Schools
- Significant increase in housing permits between 2018-2020, primarily multi-family housing developments
- Approximately 1,750 housing units constructed since 2015, and approximately 5,000 units planned, approved or under-construction
- Despite significant increase in recent housing development, very little impact on NHPS enrollment

Enrollment Trends & Analysis

Barack H. Obama Magnet University School. Source: Pickard Chilton

Enrollment Data Disclaimer

Enrollment study prepared for the 2021-22 school year. Slides 34, 35, 41 and 42 have been updated to include 2022-23 enrollment data.

NHPS School Portfolio

New Haven Public Schools List by School Category

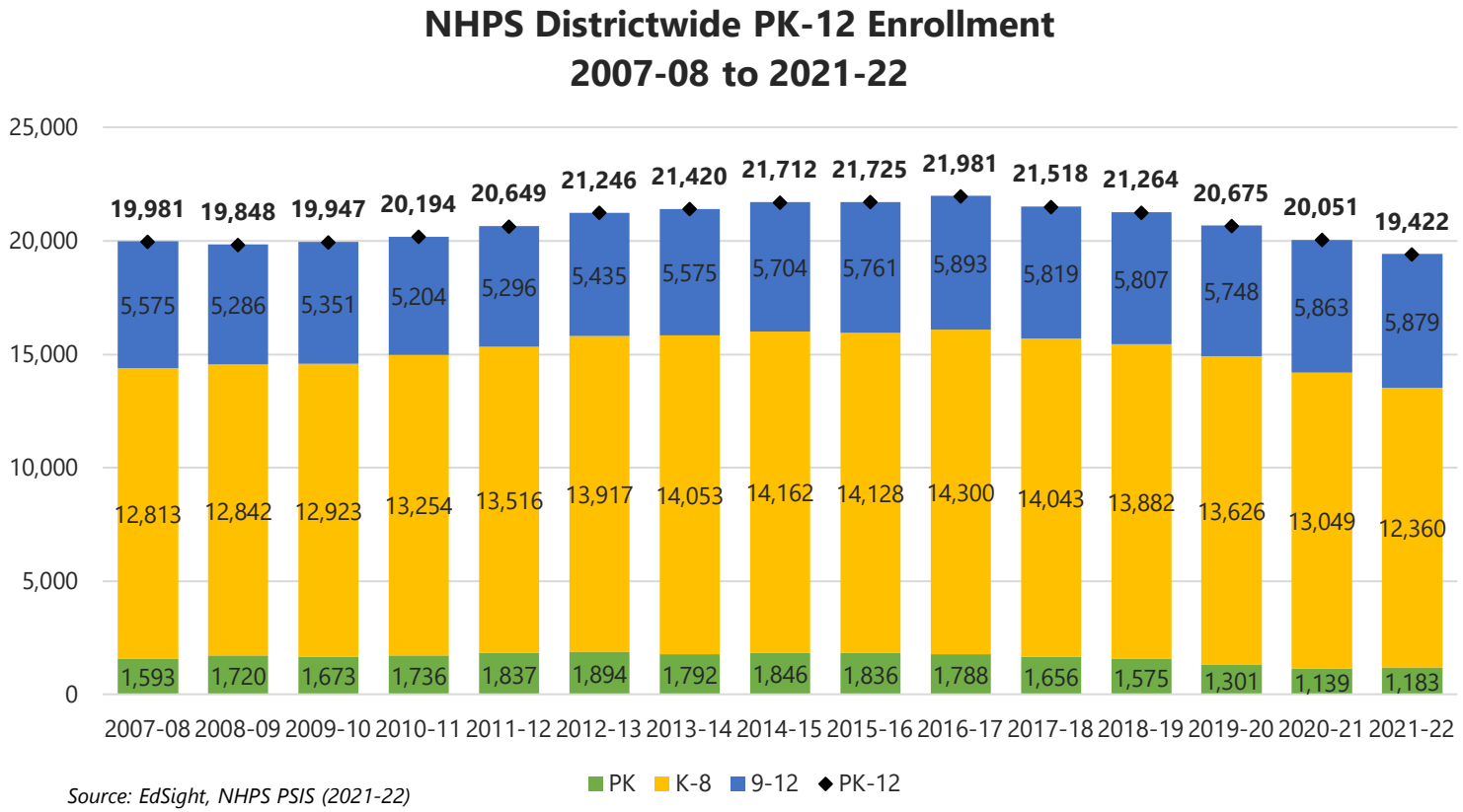
Category-1: Elementary Schools (Grade 6 and Under)
Lincoln-Bassett Community School
Barack H. Obama Magnet University School
Dr. Reginald Mayo Early Learning Childhood School
Category-2: PreK/K-8 Neighborhood Schools
Clinton Avenue School
Family Academy of Multilingual Exploration
Fair Haven School
Worthington Hooker Elementary School (K-2)
Worthington Hooker School (3-8)
Nathan Hale School
Augusta Lewis Troup Magnet Academy of Science
Wexler-Grant Community School

Category-3: PreK-8, K-8 , Magnet Schools
Barnard Environmental Science & Technology School
L.W Beecher Museum Magnet School of Arts and Sciences
Bishop Woods Architecture and Design Magnet School
Celentano BioTech, Health, & Medical Magnet School
Roberto Clemente Leadership Academy for Global Awareness
Harry A. Conte West Hills Magnet School: Exploration & Innovation
John C. Daniels School of International Communication
Davis Academy for Arts & Design Innovation
East Rock Community & Cultural Studies Magnet School
Edgewood Creative Thinking Through STEAM Magnet School
Hill Central Music Academy
Benjamin Jepson Magnet School
King Robinson Interdistrict Magnet School
John S. Martinez Sea And Sky School
Mauro-Sheridan Science, Technology and Communications School
Ross Woodward Classical Studies Interdistrict Magnet School
Truman School

Category-4: Middle Schools
Betsy Ross Arts Magnet School
Category-5: Magnet Middle/High & High Schools
Hill Regional Career High School
James Hillhouse High School
High School in the Community
Metropolian Business Academy
New Haven Academy
Riverside Academy
Sound School -Anderson Building
Sound School Aquaculture
Sound School-Emerson Building
Sound School-McNeil Building
Sound School-Thomas Building
Wilbur Cross High School

- New Haven Public Schools includes a vast network of schools including neighborhood and magnet elementary, middle and high school facilities
- The schools identified above are included in this enrollment projections and analysis report

Districtwide Enrollment Trends



Source: EdSight, NHPS PSIS (2021-22)

- Overall PK-12 enrollment has been decreasing over past several years; decreasing by 2,559 students or 11.6% since its peak in 2016-17, and 1,253 students or 6.0% since 2019-20
- Most significant decrease in PK-8 over past six years, while grades 9-12 have showed greater stability

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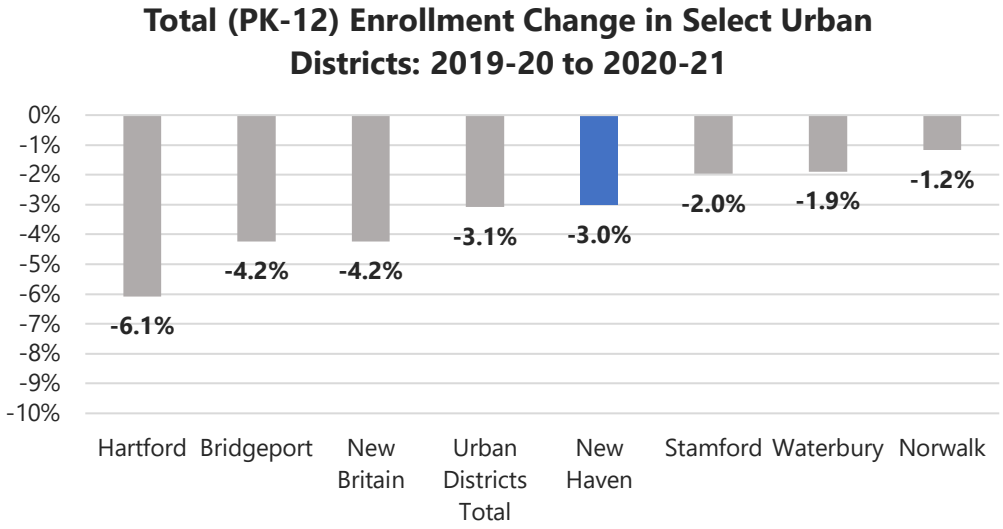
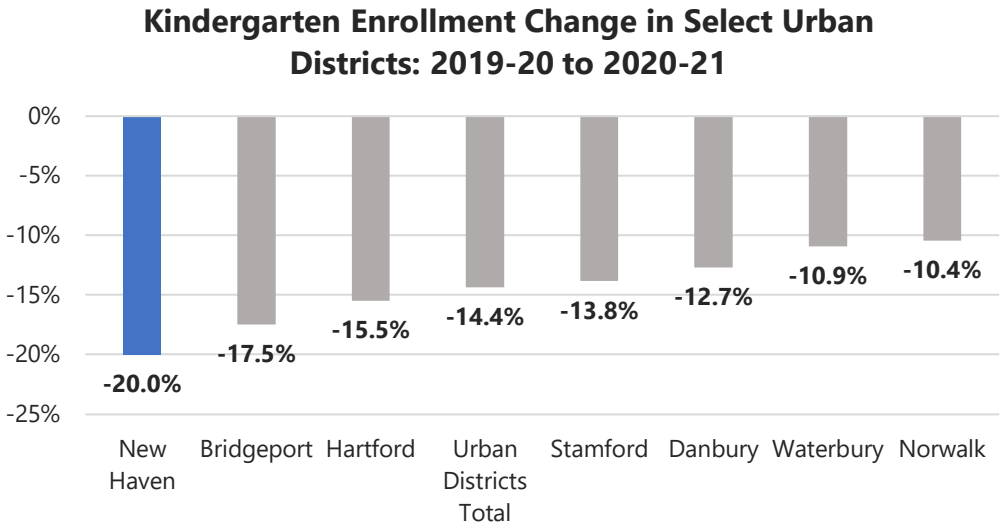
COVID-19 Pandemic Impacts

- Overall, for PK-12 enrollment New Haven decreased slightly less than other similar urban districts.
- New Haven saw a -3.0% decline in grades PK-12, which was the median for all urban school districts
- New Haven's -20.0% decline in Kindergarten enrollment was the largest year-over-year decline





Source: EdSight

New Haven Public Schools

Category-1: Elementary Schools (Grades 6 and Under)

1) Barack H. Obama Magnet University School
2) Dr. Reginald Mayo Early Learning Childhood School
3) Lincoln-Bassett Community School
4) Quinnipiac STEM Magnet School - CLOSED PERMANTLEY
5) West Rock STREAM Academy - CLOSED PERMANTLEY

Category-2: PreK/K-8 Neighborhood Schools

6) Augusta Lewis Troup Magnet Academy of Science
7) Family Academy of Multilingual Exploration
8) Clinton Avenue School
9) Fair Haven School
10) Nathan Hale School
11) Wexler-Grant Community School
12) Worthington Hooker Elementary School
13) Worthington Hooker School

Category-3: PreK/K-8, Magnet Schools

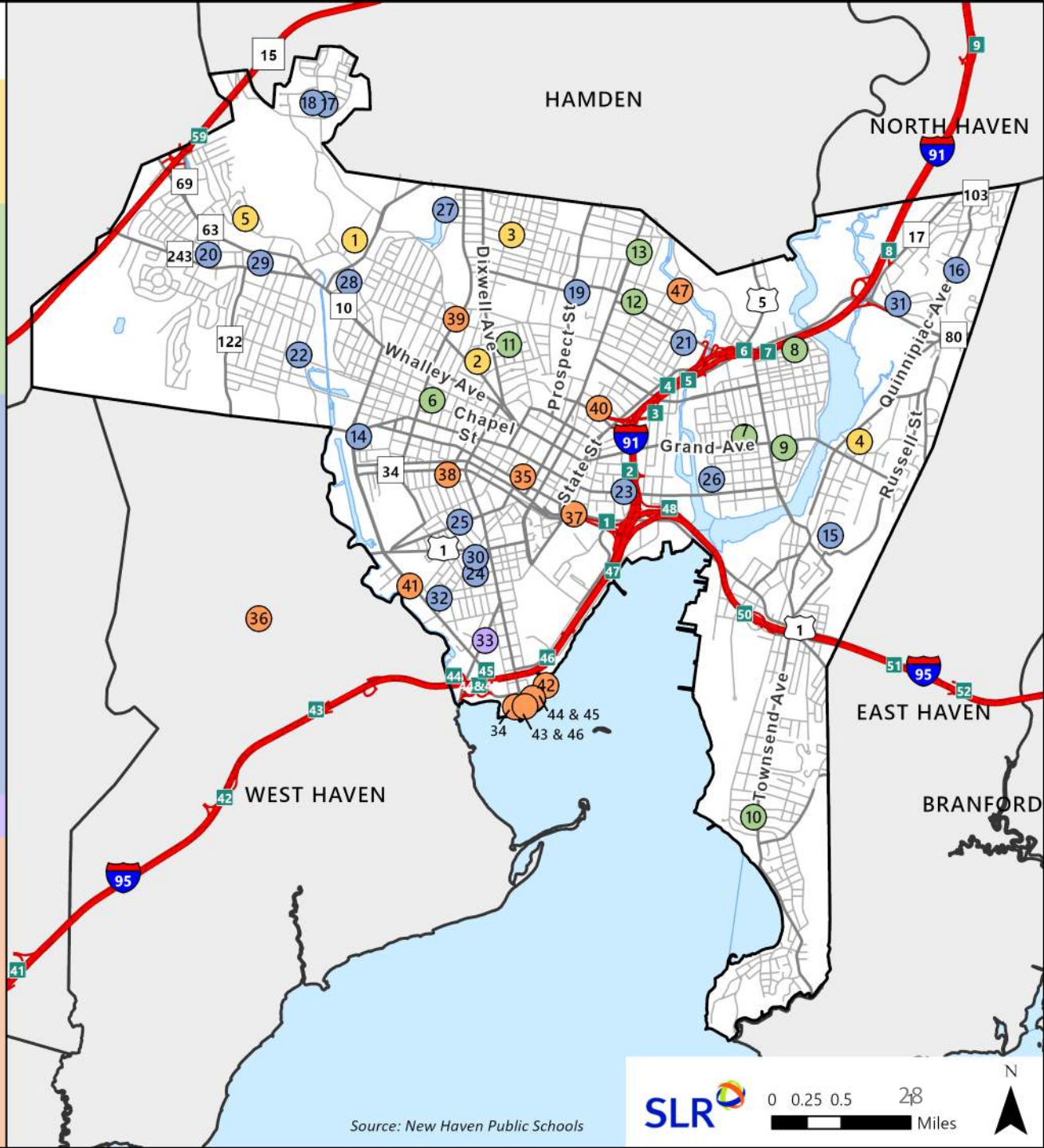
14) Barnard Environmental Science & Technology School
15) Benjamin Jepson Magnet School
16) Bishop Woods Architecture and Design Magnet School
17) Brennan-Rogers School of Communication and Media
18) Brennan-Rogers School of Communication and Media
19) Celentano BioTech, Health, & Medical Magnet School
20) Davis Academy for Arts & Design Innovation
21) East Rock Community & Cultural Studies Magnet School
22) Edgewood Creative Thinking Through STEAM Magnet School
23) Harry A. Conte West Hills Magnet School: Exploration & Innovation
24) Hill Central Music Academy
25) John C. Daniels School of International Communication
26) John S. Martinez Sea And Sky School
27) King Robinson Interdistrict Magnet School
28) L.W Beecher Museum Magnet School of Arts and Sciences
29) Mauro-Sheridan Science, Technology and Communications School
30) Roberto Clemente Leadership Academy for Global Awareness
31) Ross Woodward Classical Studies Interdistrict Magnet School
32) Truman School

Category-4: Middle Schools

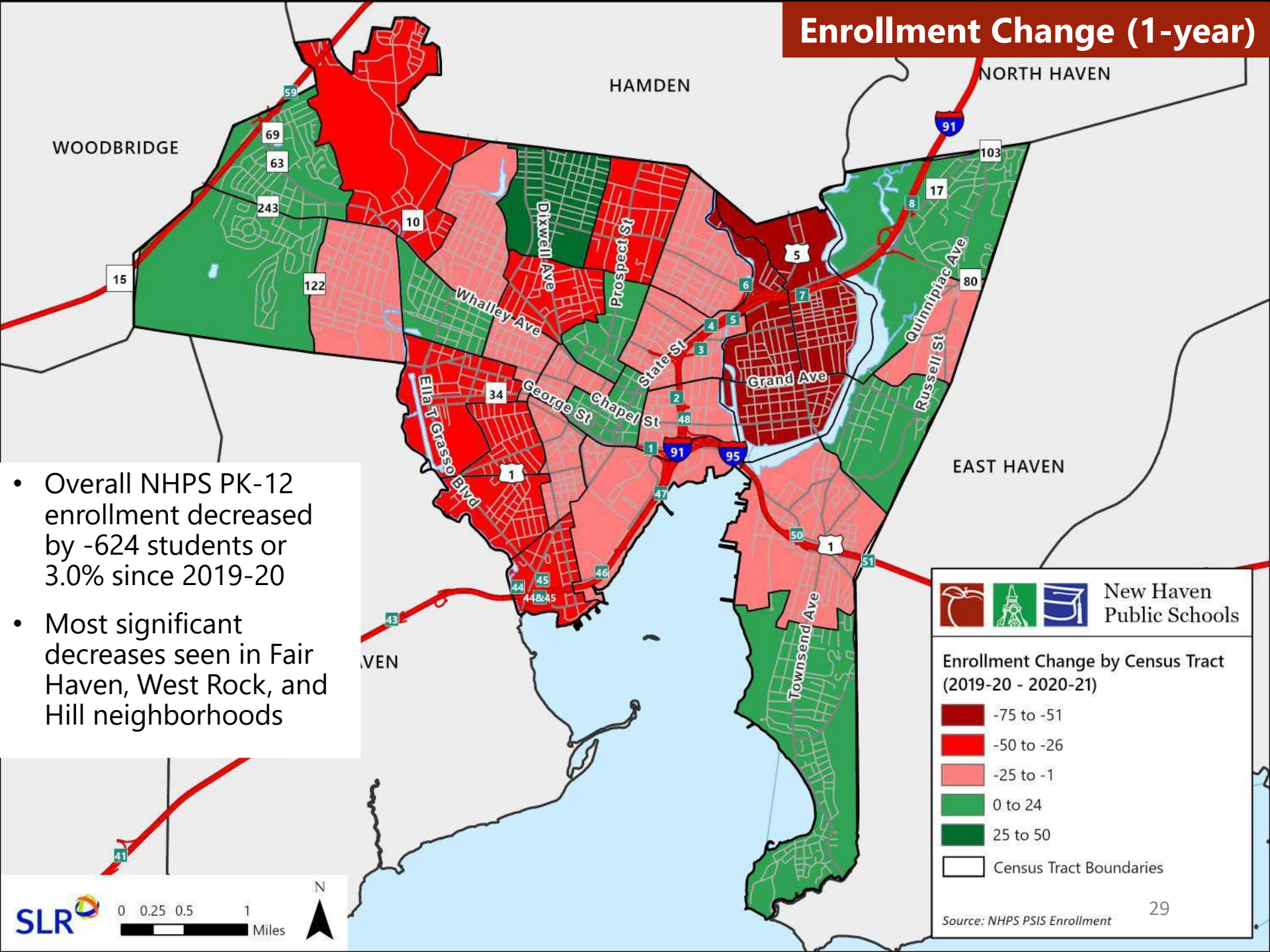
33) Betsy Ross Arts Magnet School

Category-5: Magnet Middle/High & High Schools

34) Metropolian Business Academy
35) Cooperative Arts & Humanities High School
36) Engineering & Science University Magnet School
37) High School in the Community
38) Hill Regional Career High School
39) James Hillhouse High School
40) New Haven Academy
41) Riverside Academy
42) Sound School Aquaculture
43) Sound School-Emerson Building
44) Sound School-McNeil Building
45) Sound School-Thomas Building
46) The Sound School -Anderson Building
47) Wilbur Cross High School

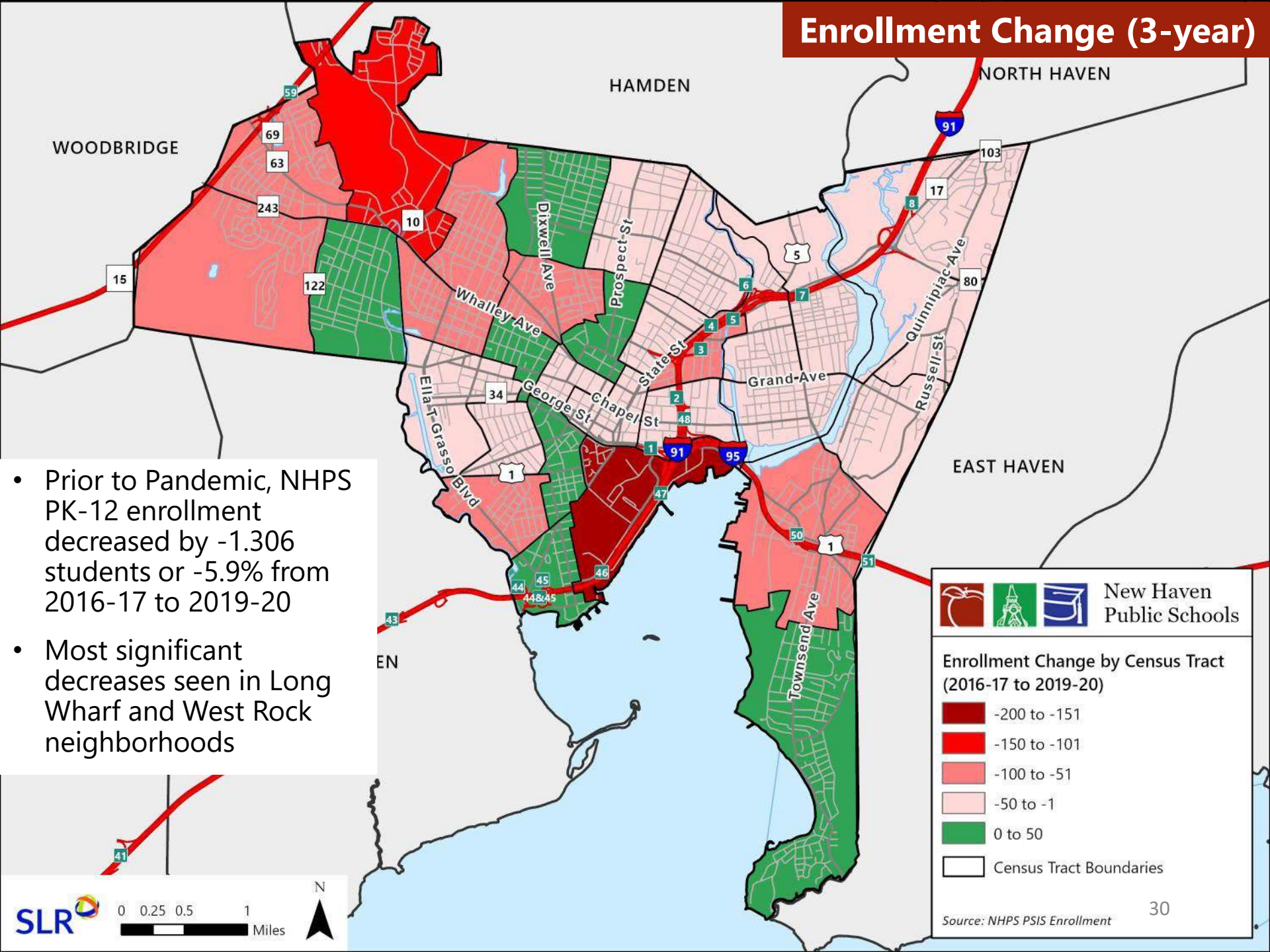


Enrollment Change (1-year)



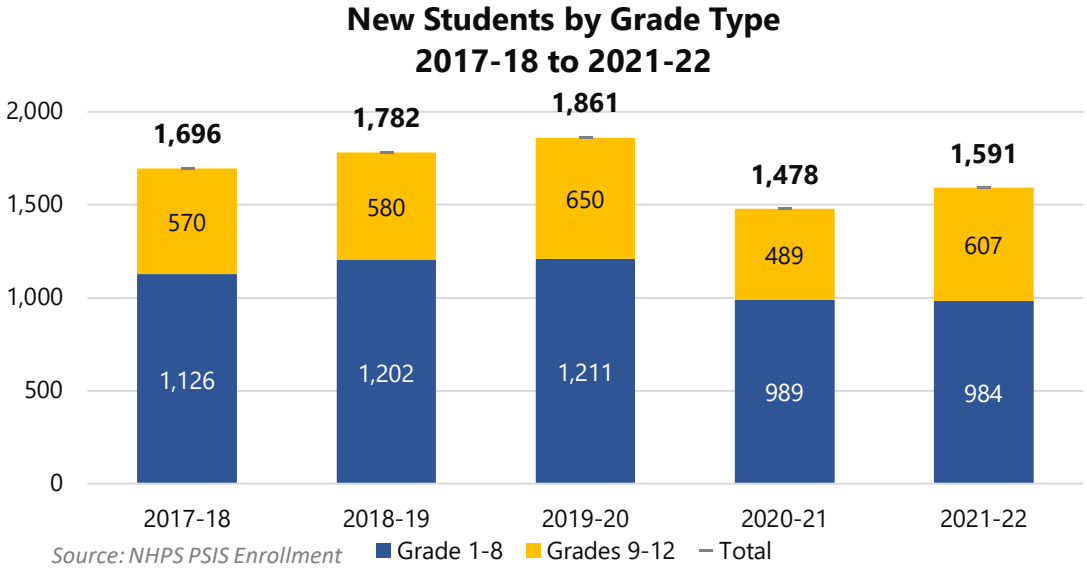
- Overall NHPS PK-12 enrollment decreased by -624 students or 3.0% since 2019-20
- Most significant decreases seen in Fair Haven, West Rock, and Hill neighborhoods

Enrollment Change (3-year)



- Prior to Pandemic, NHPS PK-12 enrollment decreased by -1.306 students or -5.9% from 2016-17 to 2019-20
- Most significant decreases seen in Long Wharf and West Rock neighborhoods

New-to-District Students



- New-to-District students determined by comparing unique identifiers (SASID) between current and previous year for individual students in grades 1-12
- Following three years of steadily increasing new students, significant decrease to total new students in 2020-21, which is largely attributed to impacts from the pandemic
- 7.6% increase in new students in 2021-22 from prior low
  - All growth seen in high school level
  - Student in-migration has yet to return to pre-pandemic levels, though trending in the right direction

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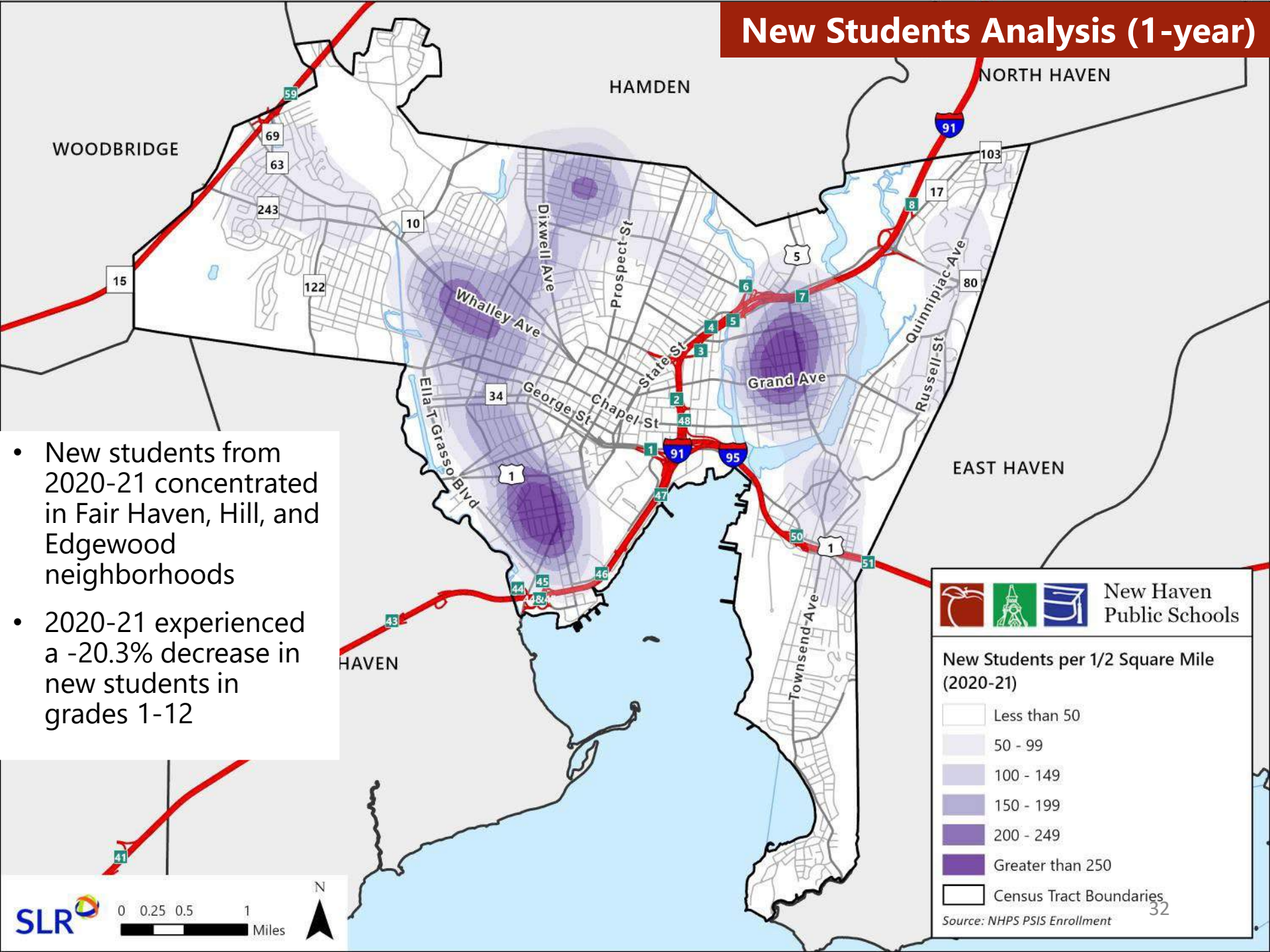
New Students Analysis (1-year)

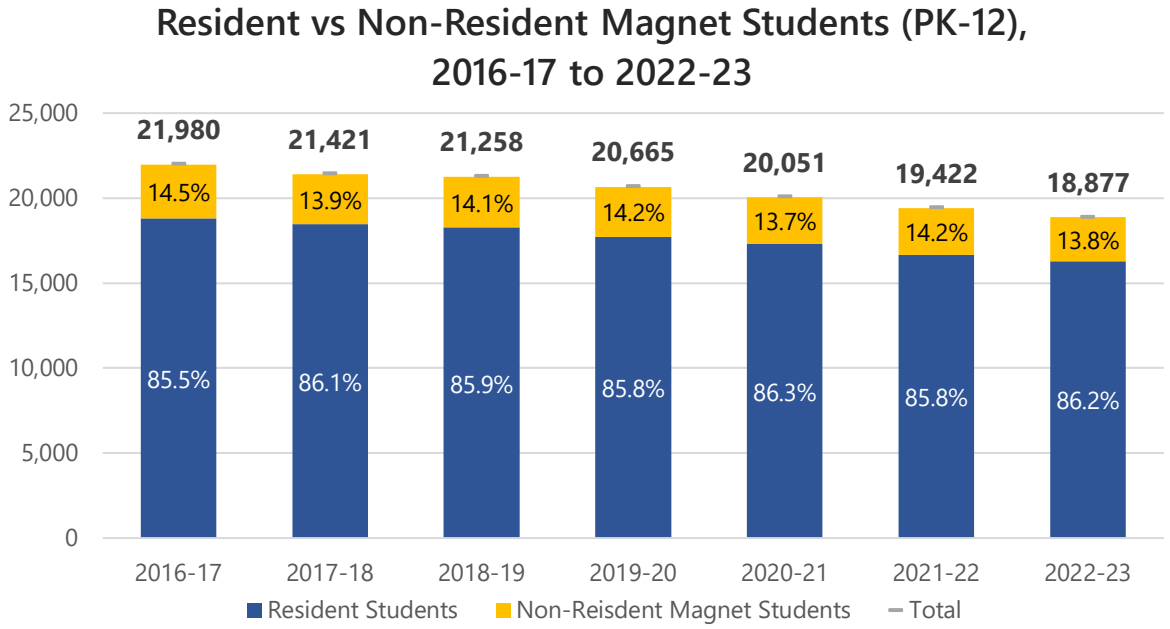


- New students from 2020-21 concentrated in Fair Haven, Hill, and Edgewood neighborhoods
- 2020-21 experienced a -20.3% decrease in new students in grades 1-12

Student Terminology Guide

- **Resident Student**: Student residing in New Haven
- **Non-Resident Student**: Student residing outside of New Haven that attends an NHPS school
  - *In most cases attending interdistrict magnet schools, though may include students attending other New Haven schools*
- **Interdistrict Magnet**: Magnet school that accepts resident and non-resident students
- **Intradistrict Magnet**: Magnet school that accepts New Haven resident students

Resident vs Non-Resident Enrollment



Source: NHPS PSIS 2016-17 to 2022-23

- Despite overall enrollment decreasing about 14% over the past six years, **the percentage of non-resident student has remained about the same,** decreasing less than 1%

Non-Resident Student Trends

Percent Non-Resident Students by Grade Groupings

	PK	Grades K-8	Grades 9-12	Total
2016-17	16.2%	11.9%	20.4%	14.5%
2017-18	15.3%	11.3%	19.6%	13.9%
2018-19	18.9%	11.4%	19.2%	14.1%
2019-20	22.7%	11.7%	18.3%	14.2%
2020-21	18.9%	11.7%	17.1%	13.7%
2021-22	19.0%	12.5%	17.0%	14.2%
2022-23	18.5%	12.3%	15.8%	13.8%
7-Yr Avg	18.3%	11.8%	18.2%	14.1%

- On average, 14.1% of students that attend NHPS are non-resident students over the past seven years
- By grade groupings:
  - **PK** has increased for non-resident students peaking at 22.7% in 2019-20; due largely to declines in resident PK enrollment
  - **Elementary and Middle School** students represent the lowest portion of non-resident students at ~12% over the past seven years
  - **High School** students contain the highest concentration of non-resident students averaging 18.2% over the past seven years
    - Decrease in High School non-resident enrollment (1.2%) in 2022-23, falling 2.4% below the seven-year average

Non-Resident Students

Town	2019-20 Enroll	2016-17 to 2019-20 Change (4yr)
West Haven	943	(197)
Hamden	703	79
East Haven	342	(79)
Ansonia	145	(23)
Milford	69	(32)
Derby	75	(16)
North Haven	65	(15)
Branford	55	(11)
Naugatuck	41	(20)
Wallingford	49	(6)
Meriden	53	8
Seymour	40	(4)
Shelton	27	(12)
Bridgeport	27	(7)
Stratford	40	18
North Branford	25	(7)
Guilford	25	7
Waterbury	18	3
Orange	22	7
Woodbridge	25	14
Oxford	19	8
Cheshire	13	1
Bethany	13	5
Madison	10	1
Killingworth	10	5
Clinton	5	(5)
Prospect	5	(3)
Middletown	2	(5)
Hartford	5	2

Includes towns with >5 non-resident students on average between 2016-17 and 2019-20

- Analysis of enrollment (PK-12) trends from non-resident student towns from 2016-17 to 2019-20 (omits 2020-21 due to pandemic impacts) found:
- Overall, non-resident student enrollment is decreasing. The top enrolled sending towns experienced decreasing enrollment
  - West Haven, East Haven, Ansonia, Milford, Derby, North Haven, Branford, Naugatuck, and Shelton experienced the most decline
- **Hamden, Stratford, and Woodbridge experienced the most significant increase in enrollment**
  - Most significant increase at K-8 grade level for each town

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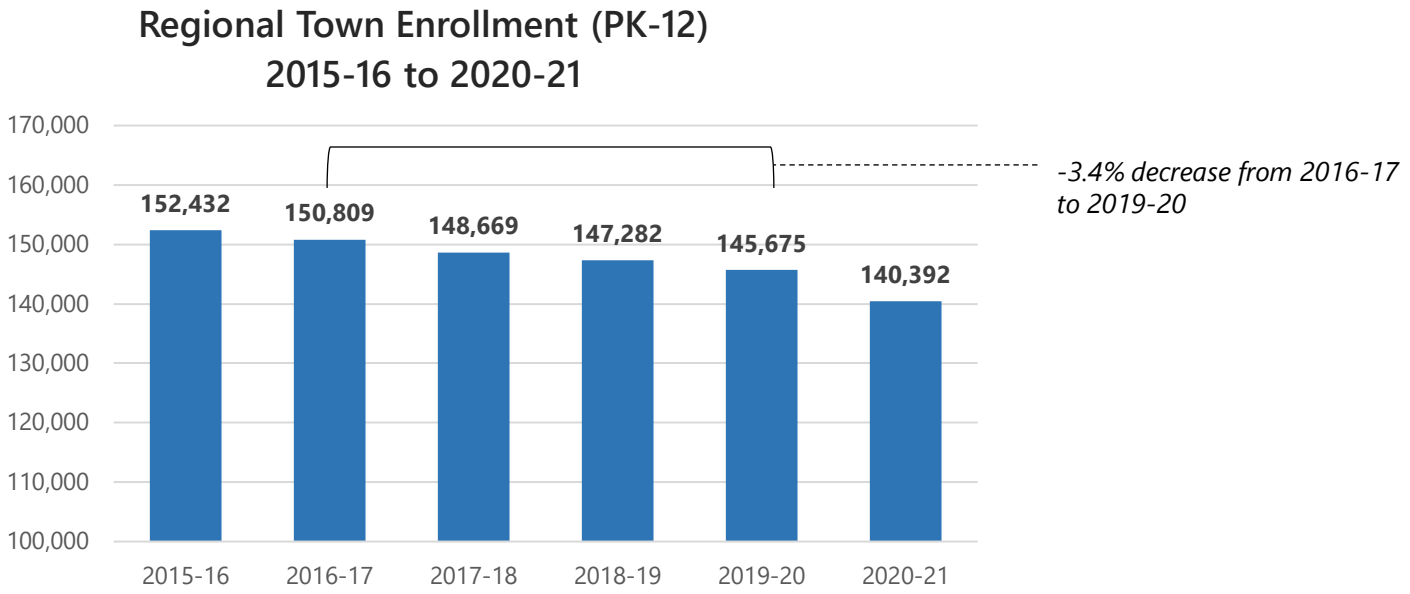
Regional Town Enrollment Trends



Source: EdSight, includes non-resident towns with more than 5 students attending NHPS between 2016-17 - 2019-20 on average

- Collectively, regional towns sending students to NHPS have experienced decreasing enrollment (-8%) since 2015-16
- A reduced regional pool of students may exacerbate the already shrinking non-resident enrollment

PreK/K-8 School Trends

Total Enrollment by School (PK-8)

School Name	Grades	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Augusta Lewis Troup School	PK-8	487	490	482	471	471	459	437	397	425
Barack H. Obama Magnet University School	K-4	450	429	284	397	344	289	267	267	317
Barnard Environmental Magnet School	PK-8	582	560	563	562	536	546	512	470	467
Beecher School	PK-8	485	502	505	503	495	481	493	511	500
Benjamin Jepson Magnet School	PK-8	532	517	530	515	507	511	509	501	489
Betsy Ross Arts Magnet School	5-8	470	459	456	448	444	448	444	405	348
Bishop Woods Architecture and Design Magnet School	PK-8	505	497	481	493	449	448	432	444	437
Brennan Rogers School	PK-8	482	509	492	542	517	478	416	356	374
Celentano BioTech, Health and Medical Magnet School	PK-8	394	362	368	389	376	388	374	359	348
Clinton Avenue School	K-8	557	599	577	518	491	493	454	427	459
Family Academy of Multilingual Exploration (formerly Columbus Family Academy)	PK-8	448	451	461	487	495	496	496	456	436
Conte/West Hills Magnet School	PK-8	638	640	637	645	661	662	693	662	616
Davis Academy for Arts and Design Innovation	PK-8	516	461	497	511	511	517	514	498	491
East Rock Community Magnet School	PK-8	487	508	476	490	504	482	457	435	451
Edgewood School	K-8	448	439	437	427	438	438	443	428	407
Fair Haven School	PK-8	759	786	765	874	820	812	833	796	737
Hill Central Music Academy	PK-8	450	476	495	487	487	485	475	421	440
John C. Daniels	PK-8	513	522	528	525	536	540	516	515	490
John S. Martinez Sea and Sky STEM School	PK-8	514	508	525	537	528	552	521	469	477
King/Robinson Magnet School	PK-8	612	564	559	536	528	509	515	507	466
Lincoln-Bassett School	PK-6	343	372	378	382	376	371	336	283	286
Mauro-Sheridan Magnet School	PK-8	548	543	539	537	532	548	538	537	529
Nathan Hale School	PK-8	554	552	524	550	541	530	535	526	544
Quinnipiac Real World Math STEM School (Closed Jan 2021)	K-5	329	330	306	330	293	279	255	253	0
Roberto Clemente Leadership Academy for Global Awareness	K-8	491	535	520	480	481	475	445	438	389
Ross/Woodward School	PK-8	651	675	669	689	672	658	680	639	636
Truman School	PK-8	462	483	493	533	530	565	533	487	505
West Rock Authors Academy (Closed Jan 2021)	PK-4	222	272	241	209	203	174	173	157	0
Wexler/Grant Community School	PK-8	400	402	425	435	425	373	361	338	315
Worthington Hooker School	K-8	414	441	441	444	449	453	417	400	393
TOTAL		**14,743**	**14,884**	**14,654**	**14,946**	**14,640**	**14,460**	**14,074**	**13,382**	**12,772**

Source: EdSight 2013-14 to 2021-22

PreK/K-8 School Trends cont.

- **Overall, PK/K-8 NHPS schools decreased by 1,971 students or -13.4% between 2013-14 and 2021-22**
- Quinnipiac Real World Math STEM School and West Rock Authors Academy closed in January 2021
- **Over the past five years, all schools have decreased in enrollment**
  - Beecher School, Mauro-Sheridan Magnet School and Nathan Hale School had most stable enrollment, decreasing by less than 2%
  - Lincoln-Bassett School, Wexler/Grant Community School and Brennan Rogers School had the most significant change, decreasing by more than 25%
- **Over the past year (2020-21 to 2021-22), several schools have increased in enrollment, beginning to recover from the 1st COVID-19 year**
  - Barack H. Obama Magnet University School, Augusta Lewis Troup School, Brennan Rogers School and Clinton Avenue School saw enrollment increase by greater than 5%

High School (9-12) Trends

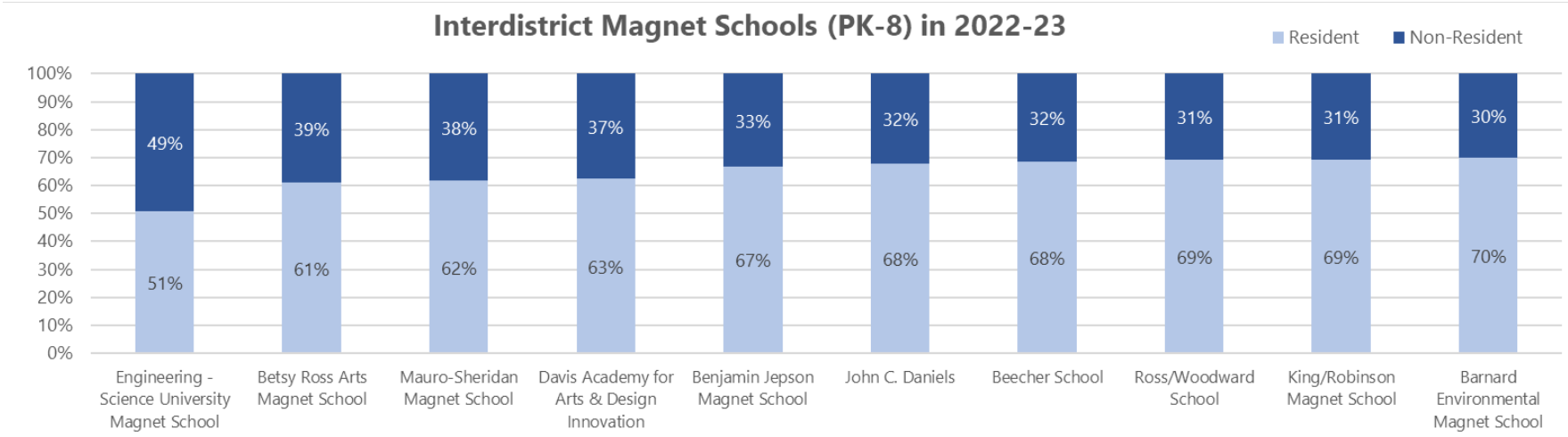
Total Enrollment by School (6/9-12)

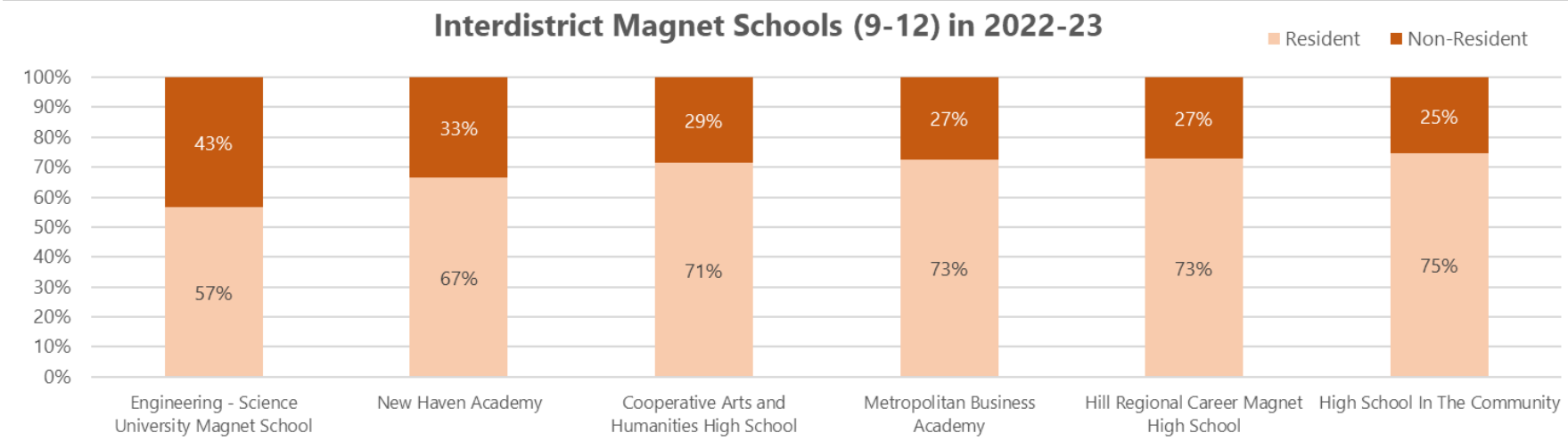
School Name	Grades	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Engineering - Science University Magnet School	6-12	489	571	604	601	596	601	596	589	580
Cooperative High School - Inter-District Magnet	9-12	635	614	647	644	630	630	581	571	575
Gateway to College Program	9-12						47	52	42	52
High School in the Community	9-12	262	282	251	251	237	239	265	278	268
Hill Regional Career High School	9-12	683	675	665	648	656	700	632	652	637
James Hillhouse High School	9-12	981	1,039	945	913	927	946	1,074	1,156	1,171
Metropolitan Business Academy	9-12	389	391	403	407	405	410	397	398	389
New Haven Academy	9-12	277	264	255	288	280	304	296	297	332
Riverside Education Academy	9-12	104	117	80	86	83	125	97	106	64
Sound School	9-12	334	330	340	333	331	318	335	328	340
Wilbur Cross High School	9-12	1,421	1,362	1,446	1,488	1,458	1,594	1,553	1,547	1,563
Off-Campus Classroom Program (OCC)	12				45	25	50	48	49	56
TOTAL		**5,575**	**5,645**	**5,636**	**5,704**	**5,628**	**5,964**	**5,926**	**6,013**	**6,027**

Source: EdSight 2013-14 to 2021-22

- **Overall, NHPS schools with enrollment 9-12, and 6-12, increased by 452 students or 8.1% since 2013-14**
- New Havens largest public high schools have grown significantly over the past five years
  - James Hillhouse High School (258 students or 28.3%)
  - Wilbur Cross High School (75 students or 5.0%)
- Engineering – Science University Magnet (grades 6-12) grew significantly from 2013-14 to 2015-16 and enrollment has flattened, with greatest percentage of interdistrict magnet students in NHPS

Interdistrict Magnet School Trends





Interdistrict Magnet School Trends

Interdistrict Students PK-8, Percent Non-Resident

% Non-Resident Students	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	7-yr avg
Barnard Environmental Magnet School	32%	27%	30%	26%	28%	29%	30%	**29%**
Beecher School	32%	29%	30%	31%	32%	31%	32%	**31%**
Benjamin Jepson Magnet School	30%	29%	31%	34%	31%	35%	33%	**32%**
Betsy Ross Arts Magnet School	44%	42%	39%	41%	36%	39%	39%	**40%**
Davis Academy for Arts & Design Innovation	33%	32%	38%	41%	37%	37%	37%	**37%**
Engineering - Science University Magnet School	56%	45%	41%	45%	43%	46%	49%	**46%**
John C. Daniels	35%	33%	31%	31%	30%	34%	32%	**32%**
King/Robinson Magnet School	31%	28%	29%	27%	28%	30%	31%	**29%**
Mauro-Sheridan Magnet School	34%	34%	37%	37%	37%	39%	38%	**37%**
Ross/Woodward School	31%	30%	29%	28%	27%	33%	31%	**30%**
Grand Total	**34%**	**32%**	**33%**	**33%**	**32%**	**35%**	**34%**	**33%**

Interdistrict Students 9-12, Percent Non-Resident

% Non-Resident Students	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	7-yr avg
Cooperative Arts and Humanities High School	36%	32%	36%	34%	33%	33%	29%	**33%**
Engineering - Science University Magnet School	52%	54%	54%	51%	46%	45%	43%	**50%**
High School In The Community	28%	23%	26%	26%	26%	29%	25%	**26%**
Hill Regional Career Magnet High School	36%	36%	34%	33%	29%	26%	27%	**32%**
Metropolitan Business Academy	36%	34%	33%	31%	33%	32%	27%	**32%**
New Haven Academy	31%	33%	35%	40%	37%	36%	33%	**35%**
Grand Total	**37%**	**36%**	**36%**	**35%**	**33%**	**33%**	**30%**	**34%**

- Enrollment has been more stable for the non-resident PK-8 students than non-resident 9-12 students attending Interdistrict Magnet Schools
- Several 9-12 schools decreasing in non-resident enrollment. Most significantly Cooperative Arts and Humanities, High School in the Community and Metropolitan Business Academy

Language Spoken Trends

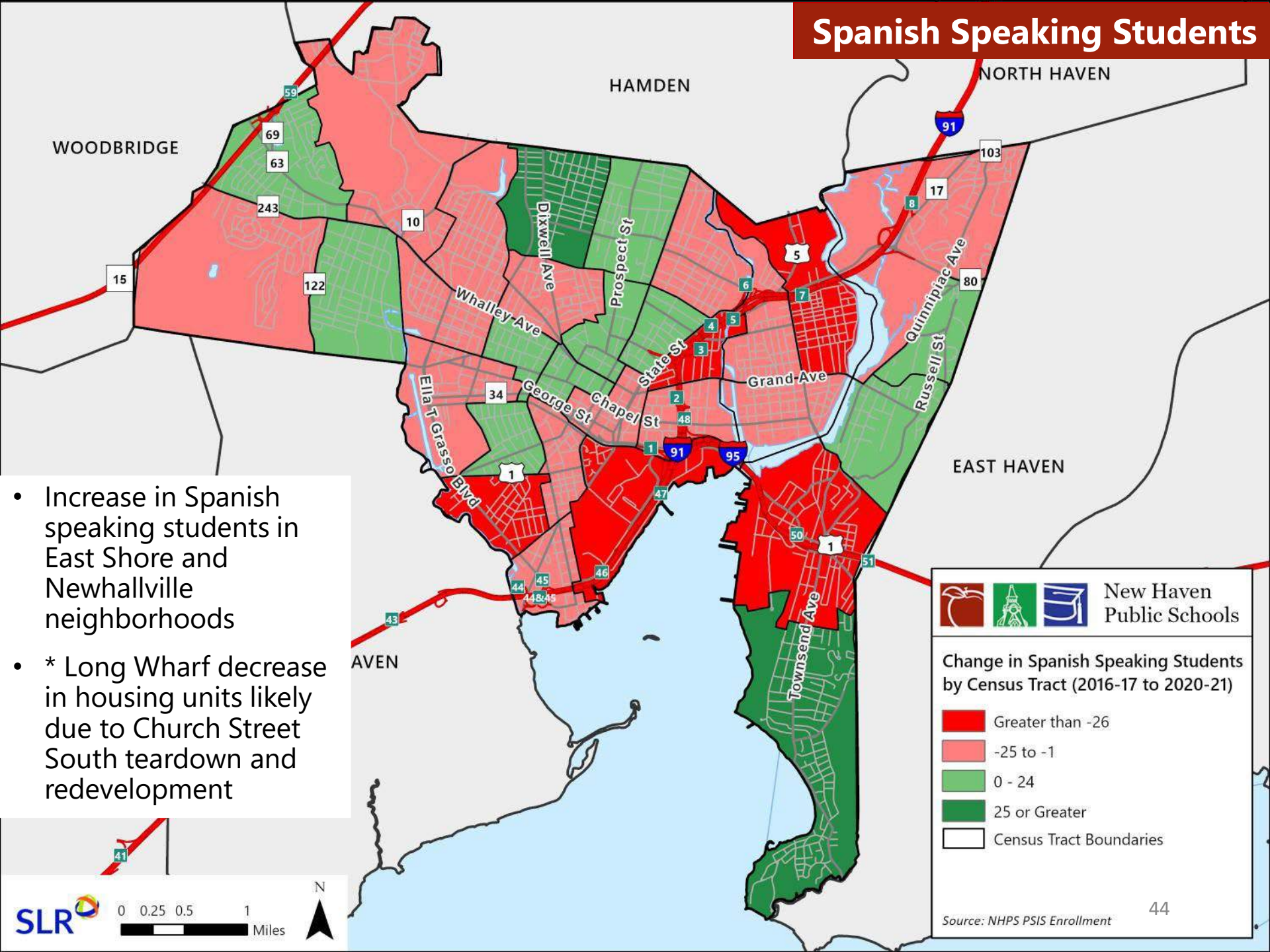
- Assessed trends over past five years in student languages spoken
- In 2019-20 approximately:
  - 70% of students speak English
  - 26% of students speak Spanish
  - 4% of students speak a different language
- Significant increase in students speaking Pashto (native to Middle Eastern countries), increasing by 225 students or 441% over the past five years
- Immigration policies may determine changes to Non-English-speaking students in coming years

Top Student (PK-12) Languages Spoken

Language	2019-20 Students	Percent of Total
English	14,343	69.4%
Spanish	5,357	25.9%
Arabic	225	1.1%
Mandarin	87	0.4%
French	56	0.3%
Pashto	217	1.1%
Swahili	29	0.1%
Turkish	31	0.2%
Dari	30	0.1%
Other Languages	290	1.4%
Total	**20,665**	

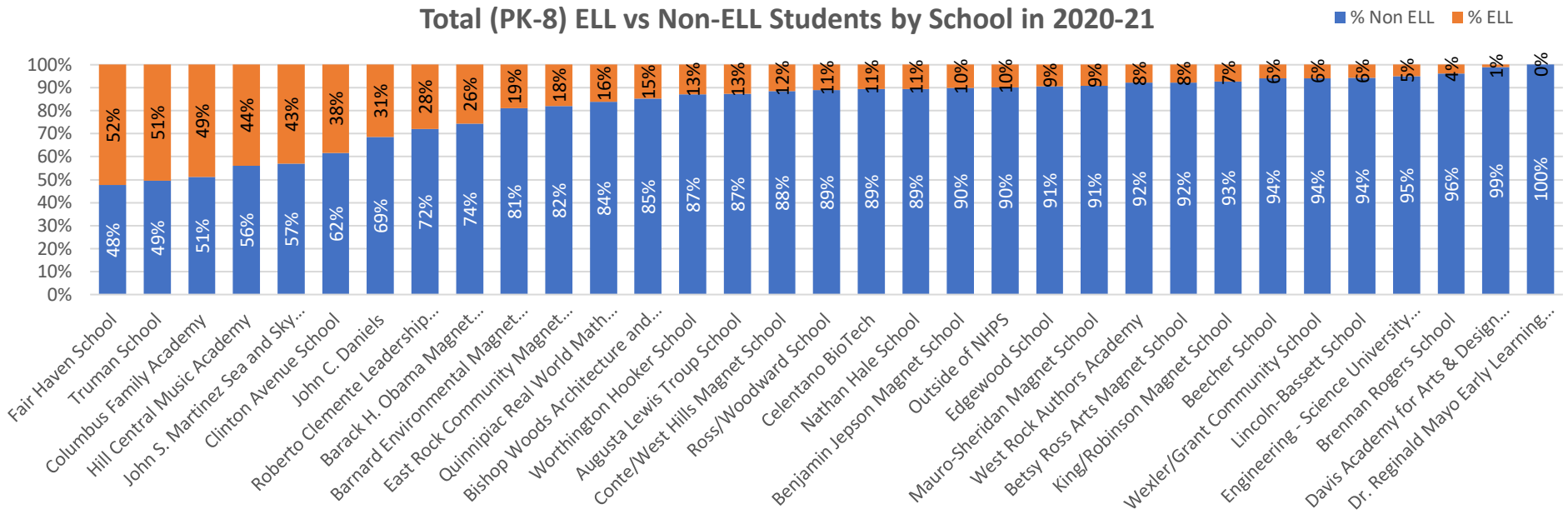
Source: NHPS PSIS, minimum 20 students

Spanish Speaking Students



- Increase in Spanish speaking students in East Shore and Newhallville neighborhoods
- * Long Wharf decrease in housing units likely due to Church Street South teardown and redevelopment

English Language Learner (ELL) Trends



- Since 2016-17 several schools have experienced a significant increase in ELL students including:
  - Barnard Environmental Magnet, 41 students or +85%
  - Edgewood School, 27 students or +207%
  - Lincoln-Bassett, 9 students or +100%
  - Roberto Clemente Leadership Academy, 24 students or +24%
- Schools showing a significant decrease during this period included:
  - Brennan Rogers, -20 students or -57%
  - Quinnipiac Real World Math STEM, -26 students or 3-8%
  - Worthington Hooker, -18 students or -25%

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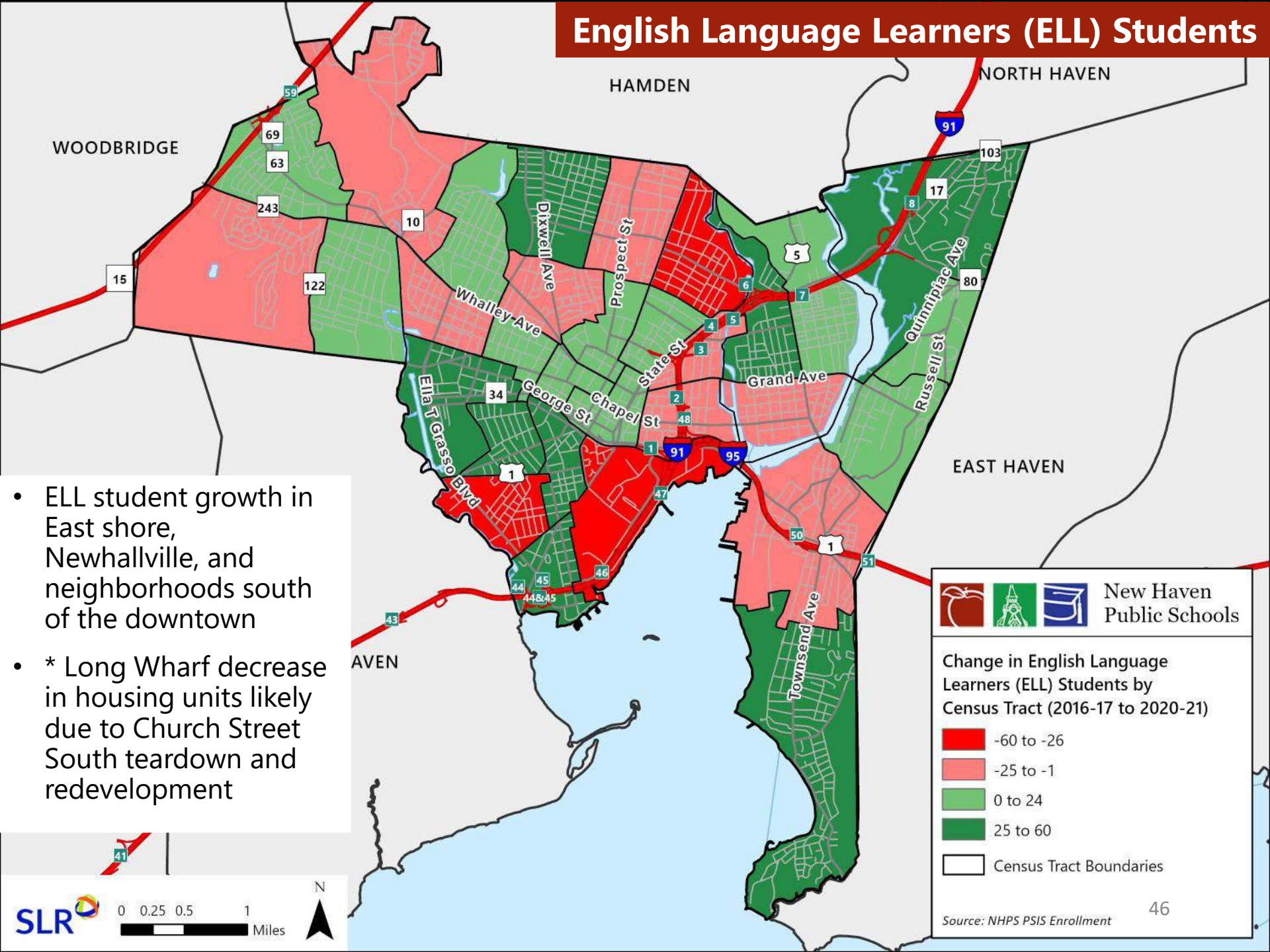
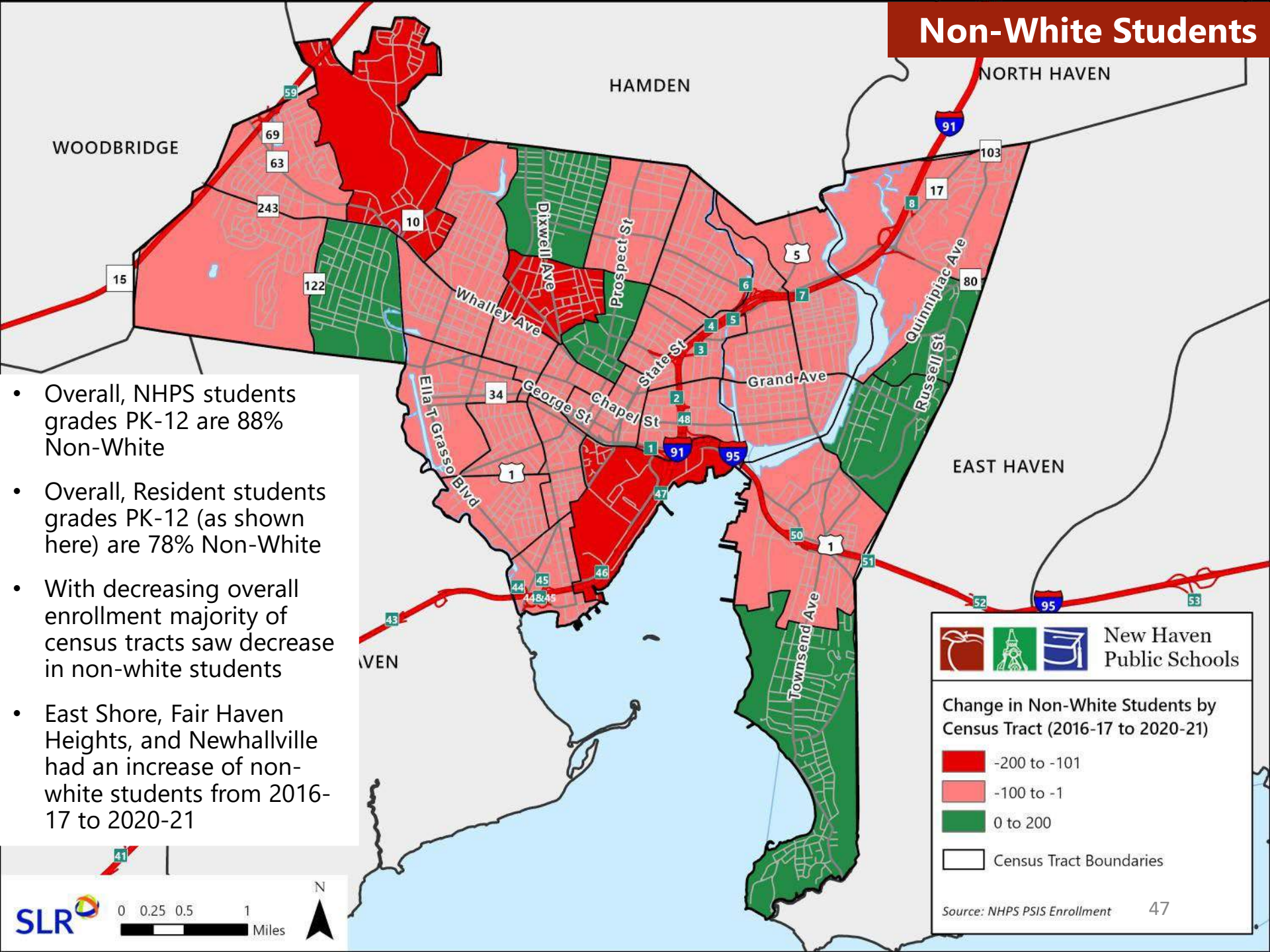
English Language Learners (ELL) Students



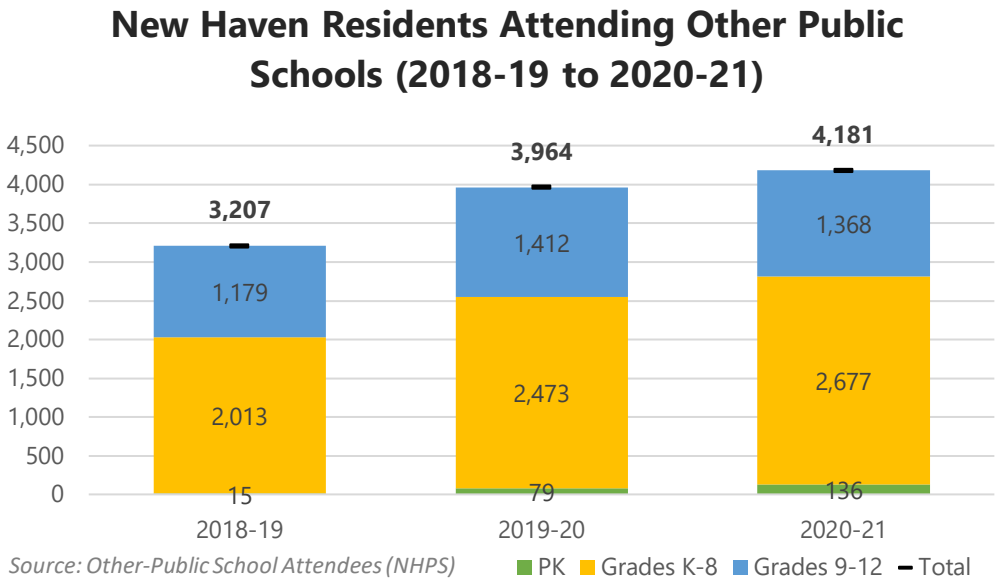
- ELL student growth in East shore, Newhallville, and neighborhoods south of the downtown
- * Long Wharf decrease in housing units likely due to Church Street South teardown and redevelopment

Non-White Students



- Overall, NHPS students grades PK-12 are 88% Non-White
- Overall, Resident students grades PK-12 (as shown here) are 78% Non-White
- With decreasing overall enrollment majority of census tracts saw decrease in non-white students
- East Shore, Fair Haven Heights, and Newhallville had an increase of non-white students from 2016-17 to 2020-21

Other-Public School Trends



- Significant increase in New Haven residents attending other public schools over past three years, increasing by 974 students (PK-12) or 30% since 2018-19
- Increase seen most in PK and grades K-8

Other-Public School Trends

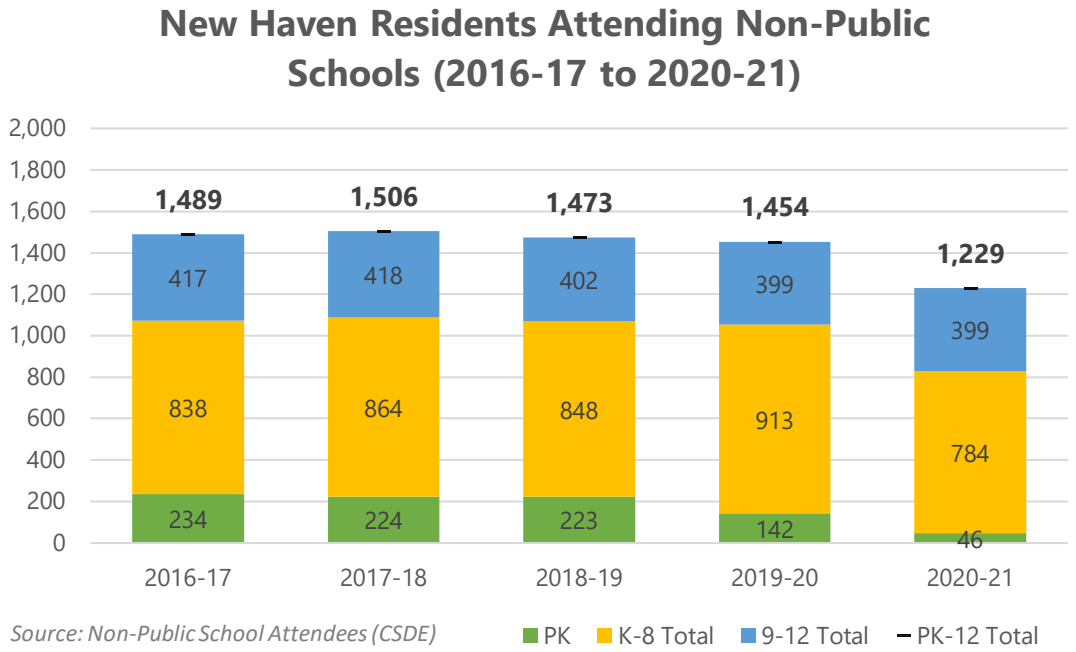
Other-Public School Districts

District	Grades	2018-19	2019-20	2020-21
Amistad Academy District	K-12	967	1,103	1,144
Area Cooperative Educational Services	K-12	277	311	295
Booker T. Washington Academy District	K-7	271	359	402
Common Ground High School District	9-12	113	176	175
Connecticut Technical Education and Career System	9-12	322	442	508
Elm City College Preparatory School District	K-12	648	768	785
Elm City Montessori School District	PK-6	130	233	248
Highville Charter School District	PK-12	232	293	335
All Other Districts	PK-12	247	279	289
Total		**3,207**	**3,964**	**4,181**

Source: Other-Public School Attendees (NHPS)

- Increase in Other-Public student enrollment over the past three years amongst all districts
- Amistad Academy, Elm City College Preparatory, and CT Technical Schools account for between 50-60% of all Other-Public Students

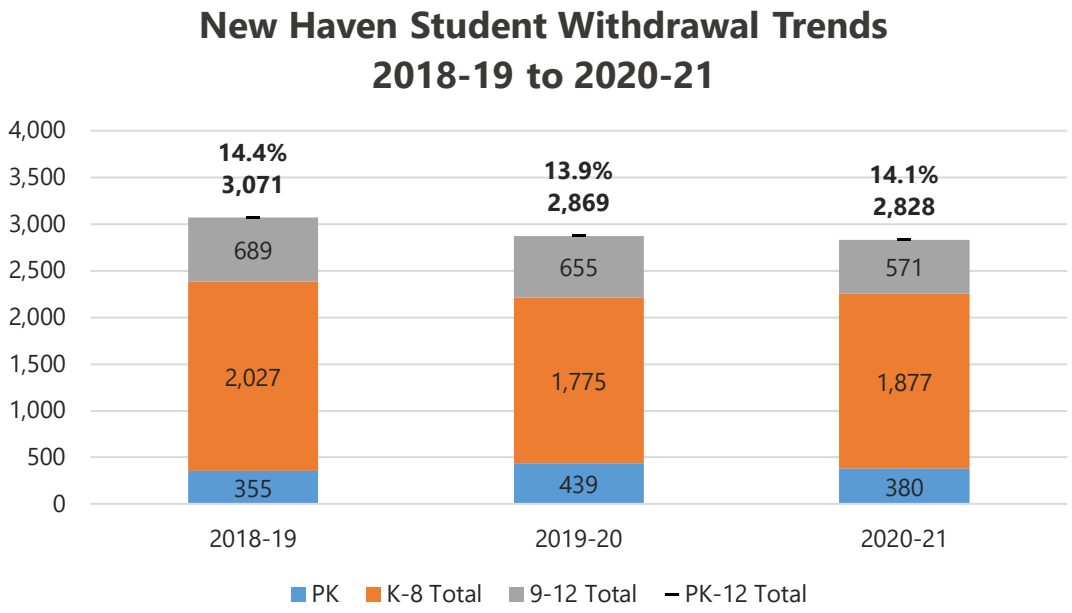
Non-Public Enrollment Trends



- Students (PK-12) in New Haven attending Non-Public schools have decreased by 17.5% over the past five years, with the sharpest decline in 2020-21
- Three Catholic schools merged into All Saints Catholic Academy (K-8) and opened in Fall 2020-21
  - Significant decrease in enrollment following school merger
- Other well-attended schools include The Foote School, Hopkins, and Southern CT Hebrew Academy

Student Withdrawal Trends

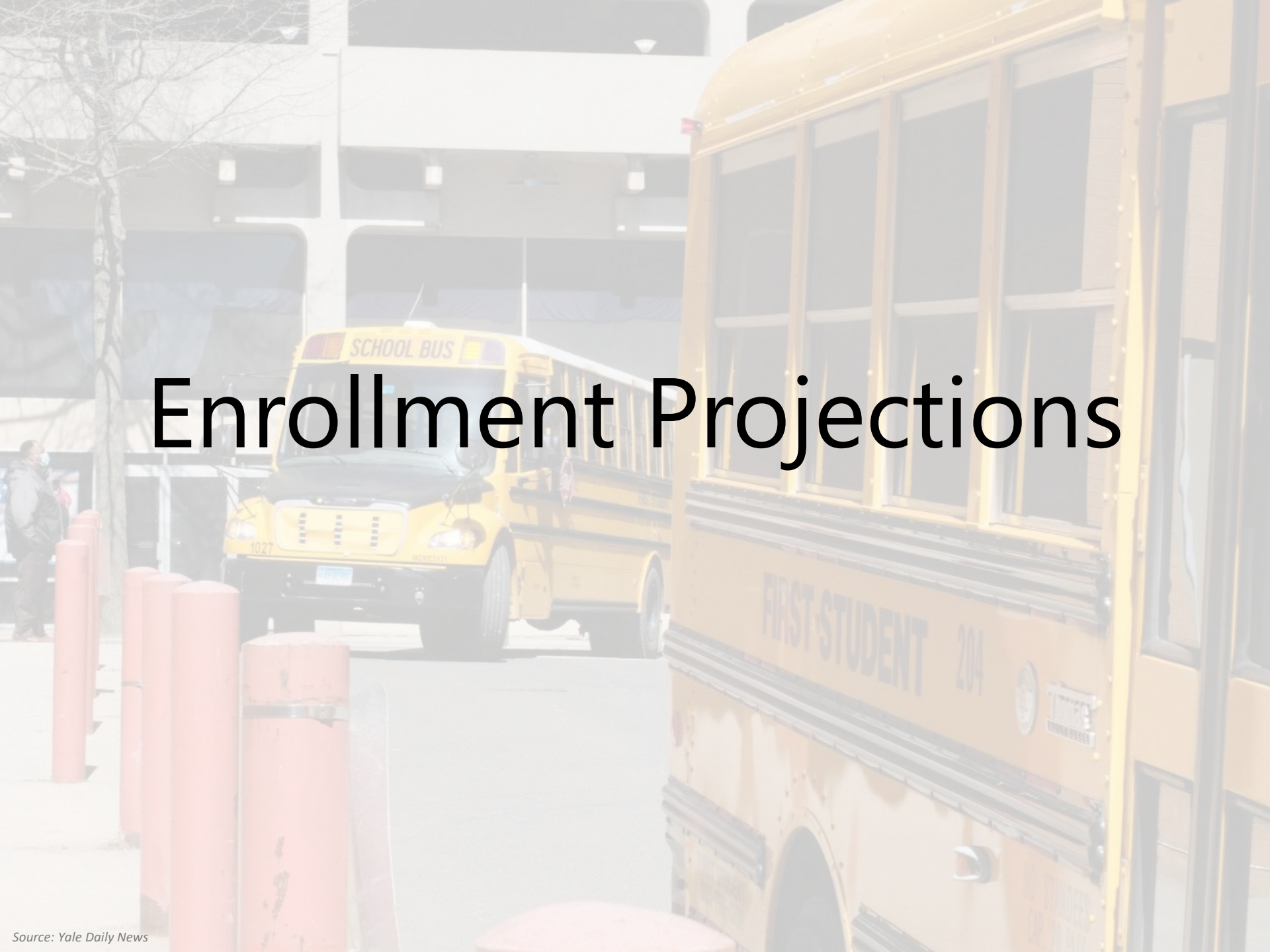
- Total student withdrawals between 2018-19 and 2020-21 have consistently averaged about 14% or about 2,900 students per year
- Student withdrawals decreasing at similar rate to New Haven Public School total enrollment



Enrollment Trends and Analysis Summary

- Overall PK-12 enrollment has been in decline since 2016-17, decreasing by 2,559 students or 11.6% during this period
- Steady increase of new-to-district students pre-pandemic, followed by a sharp decrease in 2020-21. New-to-District students begin to rebound in 2021-22 with uptick specifically in 9-12 students.
- Non-resident students in Interdistrict Magnet High Schools (9-12) are decreasing between 2016-17 and 2022-23, with 2022-23 (30%) falling below the 7- year average (34%) across all Interdistrict Magnet High Schools
- Despite decreases in overall enrollment over past several years the proportion of non-resident students within NHPS remains the same, about 14% of total students PK-12
    - On average more non-resident students in grades 9-12 (18.2%), than grades K-8 (11.8%)
- Between 2016-17 and 2021-22, all PK-8 schools have decreased in enrollment
- Between 2016-17 and 2021-22, total 9-12 enrollment has increased by 5.6%. James Hillhouse (28.3%) and Wilbur Cross (5.0%) High Schools each experienced significant growth.

Enrollment Projections



Source: Yale Daily News

Projections Primer

- Based on Cohort Survival Methodology – Standard method accepted by the OSCG&R for school construction projects
- The cohort survival methodology **relies on observed data from the recent past in order to project the near future**
- Persistency Ratios calculated from historic enrollment data to determine growth or loss in a class as it progresses through the school system
- Persistency Ratio of 1.0 means cohort size remains the same; 1.05 means the cohort size increases by 5%, or a cohort of 100 grows to 105 the following year
- Persistency Ratios account for the various external factors affecting enrollments: housing characteristics, residential development, economic conditions, student transfers in and out of system, and student mobility
- Changes in population, housing stock and tenure, and economic conditions help explain persistency ratios
- Changes in programming affect persistency ratios of individual schools
- Recent impacts due to the pandemic adds variability to student migration, enrollment trends, housing market conditions, residential mobility and overall economic conditions and labor market.

Projections Assumptions

These projections are predicated on the following assumptions:

- Pre-K enrollment will slowly return to pre-pandemic historic average of 1,711 students by 2026-27, increasing in equal increments of 88 students per year (districtwide) over the next six years
- Housing, student generation, and future birth assumptions at the districtwide level will prove accurate. The recent pace of students generated from new residential construction will continue.
- Variable Birth-K (BK) assumptions used in each model due to fluctuating births in recent years and increased percentage of kindergartners not born in town.
- **Two Projection Models were prepared – one for resident students and one for non-resident regional students attending NHPS. Both models in aggregate form the total districtwide projections**
- Low, Medium and High Projection Models were prepared for the District-wide enrollment. Each model is governed by different assumptions for future births, student migration and cohort survival ratios (following slide)

District Enrollment History

Total Historic Enrollment (2007-2022)																				
Year	**Birth Year**	**Births**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**PK**	**PK-12**	**PK-8**	**9-12**	**K-12**
2007-08	2002	1,933	1,503	1,522	1,509	1,578	1,407	1,390	1,300	1,293	1,311	1,807	1,485	1,165	1,118	1,593	**19,981**	**14,406**	**5,575**	**18,388**
2008-09	2003	1,969	1,607	1,480	1,453	1,542	1,417	1,357	1,438	1,281	1,267	1,650	1,405	1,255	976	1,720	**19,848**	**14,562**	**5,286**	**18,128**
2009-10	2004	1,986	1,569	1,616	1,393	1,461	1,404	1,368	1,433	1,435	1,244	1,693	1,368	1,197	1,093	1,673	**19,947**	**14,596**	**5,351**	**18,274**
2010-11	2005	2,086	1,671	1,562	1,507	1,452	1,381	1,370	1,464	1,420	1,427	1,621	1,371	1,181	1,031	1,736	**20,194**	**14,990**	**5,204**	**18,458**
2011-12	2006	2,125	1,720	1,630	1,492	1,490	1,435	1,416	1,463	1,479	1,391	1,652	1,374	1,214	1,056	1,837	**20,649**	**15,353**	**5,296**	**18,812**
2012-13	2007	2,150	1,830	1,735	1,587	1,469	1,463	1,410	1,492	1,448	1,483	1,665	1,531	1,213	1,026	1,894	**21,246**	**15,811**	**5,435**	**19,352**
2013-14	2008	2,128	1,787	1,810	1,660	1,561	1,445	1,463	1,426	1,452	1,449	1,660	1,447	1,382	1,086	1,792	**21,420**	**15,845**	**5,575**	**19,628**
2014-15	2009	2,054	1,690	1,741	1,739	1,642	1,510	1,476	1,485	1,432	1,447	1,680	1,498	1,335	1,191	1,846	**21,712**	**16,008**	**5,704**	**19,866**
2015-16	2010	2,001	1,607	1,622	1,676	1,672	1,610	1,507	1,511	1,498	1,425	1,660	1,535	1,349	1,217	1,836	**21,725**	**15,964**	**5,761**	**19,889**
2016-17	2011	1,928	1,627	1,566	1,587	1,654	1,659	1,649	1,552	1,491	1,515	1,643	1,489	1,406	1,355	1,788	**21,981**	**16,088**	**5,893**	**20,193**
2017-18	2012	1,908	1,536	1,553	1,487	1,559	1,623	1,631	1,670	1,507	1,477	1,572	1,546	1,368	1,333	1,656	**21,518**	**15,699**	**5,819**	**19,862**
2018-19	2013	1,877	1,485	1,467	1,499	1,475	1,546	1,589	1,665	1,650	1,506	1,574	1,536	1,345	1,352	1,575	**21,264**	**15,457**	**5,807**	**19,689**
2019-20	2014	1,828	1,454	1,409	1,418	1,461	1,473	1,519	1,636	1,627	1,629	1,721	1,453	1,323	1,251	1,301	**20,675**	**14,927**	**5,748**	**19,374**
2020-21	2015	1,742	1,163	1,413	1,396	1,412	1,457	1,472	1,543	1,606	1,587	1,710	1,522	1,315	1,316	1,139	**20,051**	**14,188**	**5,863**	**18,912**
2021-22	2016	1,753	1,205	1,151	1,353	1,352	1,341	1,412	1,463	1,500	1,583	1,747	1,500	1,351	1,281	1,183	**19,422**	**13,543**	**5,879**	**18,239**

Source: Connecticut State Department of Education (2007-08 to 2020-21; New Haven Public Schools 2021-22)

Includes All Resident and Non-Resident Students

- Total New Haven Public School enrollment peaked in 2016-17 at 21,981 students (PK-12) following steady incremental growth since 2008-09 (10.7%)
- 2021-22 (PK-12) enrollment has decreased by 2,559 students or 11.6% since its peak in 2016-17

District Enrollment History

Resident Historic Enrollment (2016-2022)																			
Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	PK-12	PK-8	9-12	K-12
2016-17	2011	1,928	1,445	1,408	1,417	1,480	1,506	1,460	1,361	1,250	1,275	1,319	1,158	1,135	1,079	1,500	**18,793**	**14,102**	**4,691**	**17,293**
2017-18	2012	1,908	1,377	1,392	1,331	1,396	1,460	1,449	1,454	1,331	1,255	1,296	1,249	1,062	1,071	1,332	**18,455**	**13,777**	**4,678**	**17,123**
2018-19	2013	1,877	1,316	1,314	1,339	1,320	1,391	1,425	1,452	1,434	1,316	1,293	1,264	1,070	1,065	1,277	**18,276**	**13,584**	**4,692**	**16,999**
2019-20	2014	1,828	1,288	1,262	1,262	1,312	1,324	1,343	1,422	1,412	1,402	1,444	1,169	1,083	1,000	1,004	**17,727**	**13,031**	**4,696**	**16,723**
2020-21	2015	1,742	995	1,266	1,252	1,273	1,304	1,308	1,333	1,402	1,393	1,458	1,255	1,055	1,093	924	**17,311**	**12,450**	**4,861**	**16,387**
2021-22	2016	1,753	1,048	997	1,204	1,193	1,208	1,252	1,266	1,287	1,365	1,492	1,245	1,111	1,034	958	**16,660**	**11,778**	**4,882**	**15,702**

Source: New Haven Public Schools (2016-17 to 2021-22)

Non-Resident Historic Enrollment (2016-2022)																	
Year	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	PK-12	PK-8	9-12	K-12
2016-17	182	157	168	176	151	189	192	242	239	324	329	271	277	290	**3,187**	**1,986**	**1,201**	**2,897**
2017-18	158	160	153	161	162	181	215	174	223	276	296	305	262	240	**2,966**	**1,827**	**1,139**	**2,726**
2018-19	171	152	159	155	154	166	212	214	190	282	271	273	285	298	**2,982**	**1,871**	**1,111**	**2,684**
2019-20	166	148	153	149	149	175	215	215	227	278	284	239	246	294	**2,938**	**1,891**	**1,047**	**2,644**
2020-21	168	147	144	139	153	164	210	204	194	252	267	260	223	215	**2,740**	**1,738**	**1,002**	**2,525**
2021-22	157	154	149	159	133	160	197	213	218	255	255	240	247	225	**2,762**	**1,765**	**997**	**2,537**

Source: New Haven Public Schools (2016-17 to 2021-22)

- Compared trends of resident and non-resident students attending NHPS
  - **PK-12:** Slightly larger decrease in non-resident students (13.3%) than resident students (11.3%) over the past five years
  - **PK-8:** Larger decrease in resident students (16.5%) compared to non-resident students (11.1%) over the past five years
  - **9-12:** Significant decrease in non-resident students (17%) compared to resident students (4.1%) over the past five years

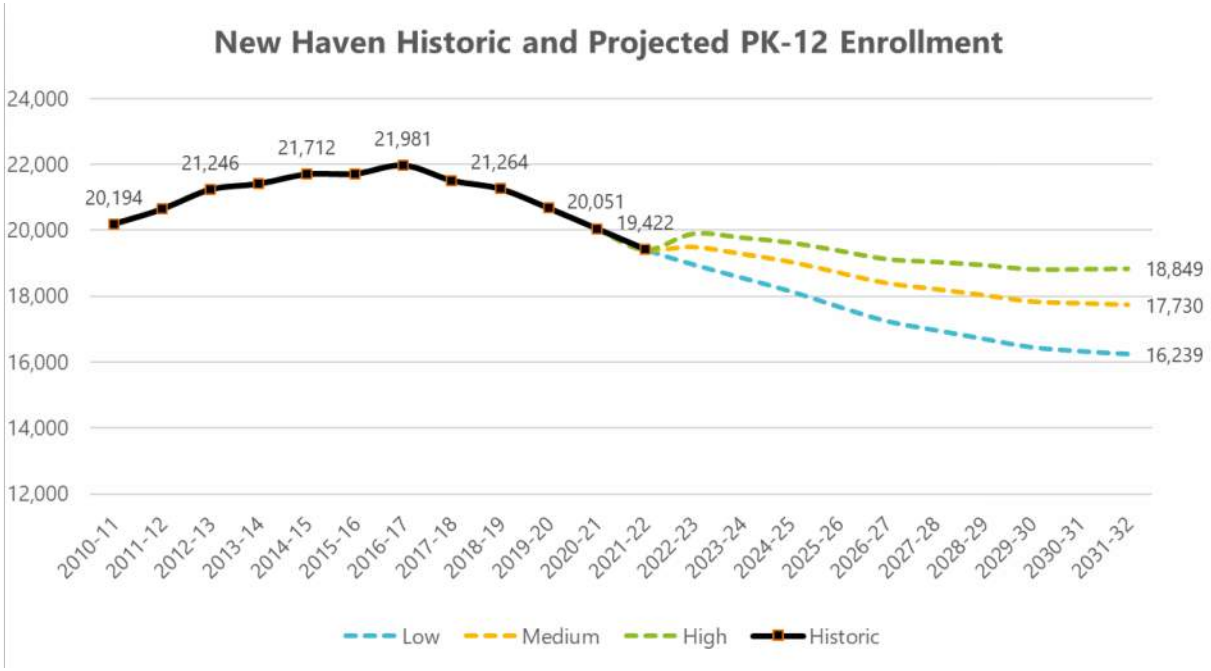
Persistency Ratios

Resident Persistency Ratios															
Year	Birth-K	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	Elem. Migration (K-4 to 1-5)	Est. of Migration (1-7 to 2-8)
2017-18	0.7217	0.9633	0.9453	0.9852	0.9865	0.9622	0.9959	0.9780	1.0040	1.0165	0.9469	0.9171	0.9436	*-3.0%*	*-2.1%*
2018-19	0.7011	0.9542	0.9619	0.9917	0.9964	0.9760	1.0021	0.9862	0.9887	1.0303	0.9753	0.8567	1.0028	*-1.9%*	*-1.4%*
2019-20	0.7046	0.9590	0.9604	0.9798	1.0030	0.9655	0.9979	0.9725	0.9777	1.0973	0.9041	0.8568	0.9346	*-2.3%*	*-2.1%*
2020-21	0.5712	0.9829	0.9921	1.0087	0.9939	0.9879	0.9926	0.9859	0.9865	1.0399	0.8691	0.9025	1.0092	*-0.5%*	*-0.8%*
2021-22	0.5978	1.0020	0.9510	0.9529	0.9489	0.9601	0.9679	0.9655	0.9736	1.0711	0.8539	0.8853	0.9801	*-4.7%*	*-4.0%*

Non-Resident Persistency Ratios														
Year	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	Elem. Migration (K-4 to 1-5)	Est. of Migration (1-7 to 2-8)
2017-18	0.8791	0.9745	0.9583	0.9205	1.1987	1.1376	0.9063	0.9215	1.1548	0.9136	0.9271	0.9668	*0.8%*	*-0.5%*
2018-19	0.9620	0.9938	1.0131	0.9565	1.0247	1.1713	0.9953	1.0920	1.2646	0.9819	0.9223	0.9344	*-0.3%*	*3.7%*
2019-20	0.8655	1.0066	0.9371	0.9613	1.1364	1.2952	1.0142	1.0607	1.4632	1.0071	0.8819	0.9011	*1.0%*	*5.9%*
2020-21	0.8855	0.9730	0.9085	1.0268	1.1007	1.2000	0.9488	0.9023	1.1101	0.9604	0.9155	0.9331	*0.2%*	*0.3%*
2021-22	0.9167	1.0136	1.1042	0.9568	1.0458	1.2012	1.0143	1.0686	1.3144	1.0119	0.8989	0.9500	*3.1%*	*5.9%*

- Persistency ratios calculated separately for resident and non-resident students to support separate enrollment projections which are later merged to form the total NHPS enrollment projection
- Negative net migration for resident students balanced by positive net migration of non-resident students

Districtwide Projections (Total)



- **High:** Assumes high birth projections (average 1,663 annually) and avg. student in-migration of 0%, which is above the 10-yr historic average of -1.1%.
- **Medium:** **Recommended Model** Assumes medium birth projections (average 1,604 annually) and avg. student in-migration of -0.7%, which is slightly above historic average
- **Low:** Assume low birth projections (average 1,581 annually) and avg. student in-migration of -2.0%, which is below the recent historic levels

Districtwide Projections (Total)

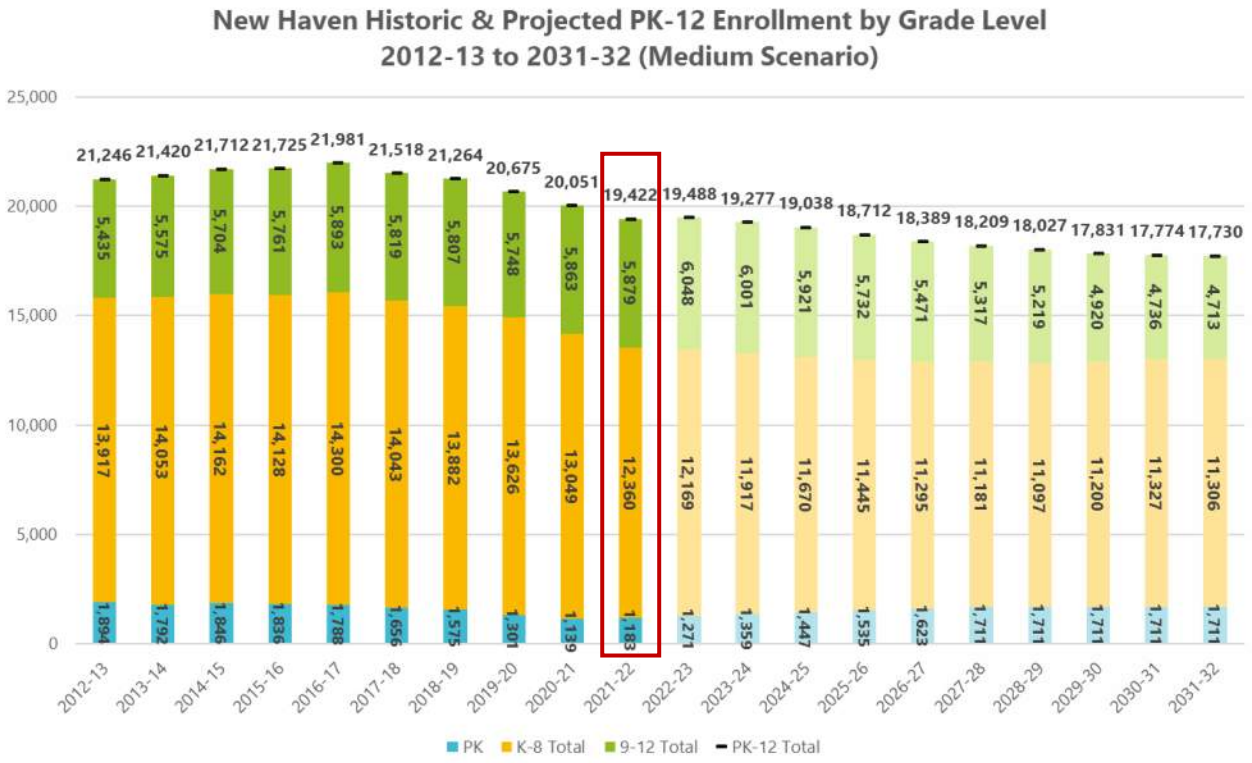
- With uncertainty surrounding the longer-term impacts of the pandemic, it is important to keep in mind **the full range of projection models for facility planning purposes**.

- The Medium and High Projection Models follow similar trends though the first 5-years showing an uptick for the first year before declining at similar rates. Low Projection model continues closer to existing trends declining more significantly.

- The last 5-years shows the Medium and High Model in general agreement with average PK-12 enrollments ranging from 17,914 – 18,906. The low model has a similar trend with more significant decreases, enrollment averaging 16,535 over that period.

Districtwide Projections (Total)

- ***Overall PK-12 enrollment is projected to continue declining, however at a slower rate over the next decade with some overall growth in the first year.***
- This growth is due to PK enrollment beginning to rebound to pre-pandemic levels, in addition to a slight increase in high school enrollment.
- Additionally, K enrollment is projected to rebound, after averaging 1,184 the last two years.



- **Over the next 10- years:**
  - PK-8 enrollment is projected to decline through the first 5-years and then stabilize through the last 5-years, averaging 12,933 students
  - 9-12 enrollment is projected to peak at over 6,000 students for 2022-23, then decline significantly, decreasing by 22.1% over the ten-year period. This decline is largely due to smaller cohorts matriculating into high school and reduced enrollment in regional inter district magnet students

Projected Enrollment (Resident)

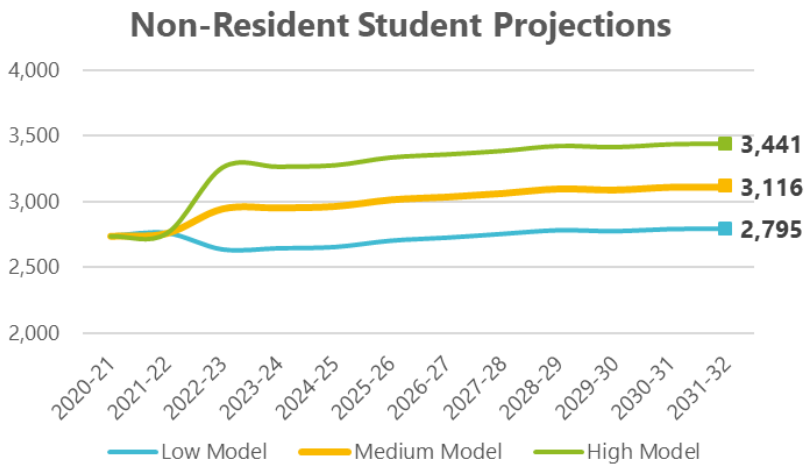
Resident Student Projected Enrollment (Medium Model)																				
School Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	PK-12	K-8	9-12	K-12
2020-21	2015	1,742	995	1,266	1,252	1,273	1,304	1,308	1,333	1,402	1,393	1,458	1,255	1,055	1,093	924	**17,311**	**11,526**	**4,861**	**16,387**
2021-22	2016	1,753	1,048	997	1,204	1,193	1,208	1,252	1,266	1,287	1,365	1,492	1,245	1,111	1,034	958	**16,660**	**10,820**	**4,882**	**15,702**
2022-23	2017	1,691	1,217	1,012	969	1,196	1,190	1,180	1,249	1,243	1,267	1,441	1,367	1,086	1,091	1,017	**16,525**	**10,523**	**4,985**	**15,508**
2023-24	2018	1,668	1,200	1,175	983	963	1,193	1,162	1,177	1,226	1,223	1,338	1,320	1,192	1,067	1,088	**16,307**	**10,302**	**4,917**	**15,219**
2024-25	2019	1,578	1,136	1,158	1,142	977	961	1,165	1,159	1,155	1,207	1,291	1,226	1,151	1,171	1,158	**16,057**	**10,060**	**4,839**	**14,899**
2025-26	2020	1,495	1,089	1,097	1,125	1,134	975	938	1,162	1,138	1,137	1,274	1,183	1,069	1,131	1,228	**15,680**	**9,795**	**4,657**	**14,452**
2026-27	2021	1,468	1,070	1,051	1,066	1,118	1,132	952	936	1,141	1,120	1,200	1,167	1,032	1,050	1,299	**15,334**	**9,586**	**4,449**	**14,035**
2027-28	2022	1,553	1,118	1,033	1,021	1,059	1,116	1,105	950	919	1,123	1,182	1,099	1,018	1,014	1,369	**15,126**	**9,444**	**4,313**	**13,757**
2028-29	2023	1,572	1,131	1,079	1,004	1,014	1,057	1,090	1,102	932	905	1,186	1,083	958	1,000	1,369	**14,910**	**9,314**	**4,227**	**13,541**
2029-30	2024	1,611	1,159	1,092	1,048	997	1,012	1,032	1,087	1,082	917	955	1,087	944	941	1,369	**14,722**	**9,426**	**3,927**	**13,353**
2030-31	2025	1,649	1,187	1,119	1,061	1,041	995	988	1,029	1,067	1,065	968	875	948	927	1,369	**14,639**	**9,552**	**3,718**	**13,270**
2031-32	2026	1,634	1,176	1,146	1,087	1,054	1,039	972	986	1,010	1,050	1,124	887	763	931	1,369	**14,594**	**9,520**	**3,705**	**13,225**

- Resident student projections represent students with City of New Haven addresses. These projections follow the traditional cohort survival method utilizing local birth data, and NHPS resident student cohort analysis
- PK-12 enrollment (medium model) are projected to decline by 2,066 students or 12.4% over the next decade
- Loss of resident students, especially in lower elementary grade cohorts, will have lasting impact on enrollment as these smaller cohorts matriculate through NHPS system

Projected Enrollment (Non-Resident)

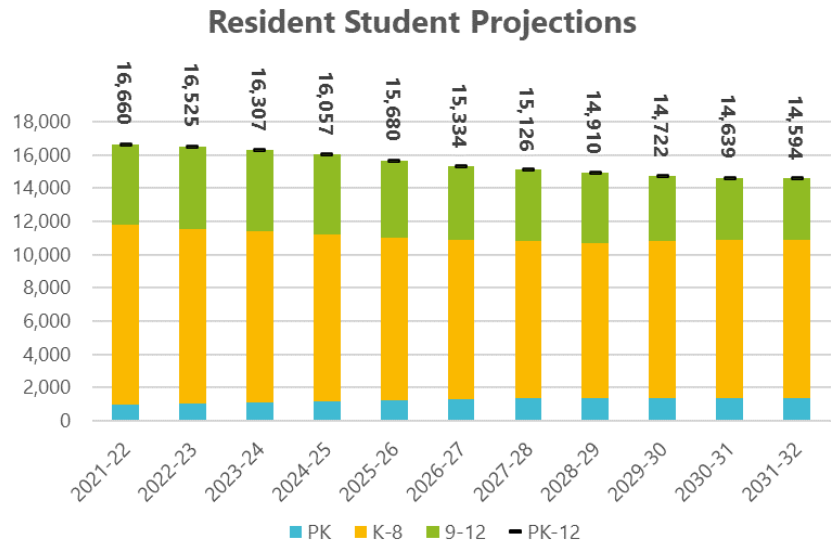
Non-Resident Student Projected Enrollment (Medium Model)																		
School Year	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	PK-12	K-8	9-12	K-12
2020-21	168	147	144	139	153	164	210	204	194	252	267	260	223	215	**2,740**	**1,523**	**1,002**	**2,525**
2021-22	157	154	149	159	133	160	197	213	218	255	255	240	247	225	**2,762**	**1,540**	**997**	**2,537**
2022-23	182	153	166	160	162	157	206	209	238	304	269	248	242	254	**2,950**	**1,633**	**1,063**	**2,696**
2023-24	182	164	153	166	152	178	188	203	216	309	298	244	233	271	**2,957**	**1,602**	**1,084**	**2,686**
2024-25	182	164	164	153	157	167	214	185	211	281	302	270	229	289	**2,968**	**1,597**	**1,082**	**2,679**
2025-26	225	164	164	164	145	173	200	211	191	274	274	274	253	307	**3,019**	**1,637**	**1,075**	**2,712**
2026-27	225	203	164	164	156	160	207	197	218	248	269	248	257	324	**3,040**	**1,694**	**1,022**	**2,716**
2027-28	225	203	202	164	156	172	192	204	204	284	243	244	233	342	**3,068**	**1,722**	**1,004**	**2,726**
2028-29	225	203	202	203	156	172	206	189	212	266	277	220	229	342	**3,102**	**1,768**	**992**	**2,760**
2029-30	182	203	202	203	192	172	206	203	196	275	260	252	206	342	**3,094**	**1,759**	**993**	**2,752**
2030-31	182	164	202	203	192	212	206	203	211	254	270	237	237	342	**3,115**	**1,775**	**998**	**2,773**
2031-32	182	164	164	203	192	212	255	203	211	274	248	245	221	342	**3,116**	**1,786**	**988**	**2,774**

- PK-12 enrollment (medium model) is projected to increase by 354 students or 12.8% during the projected period
  - The Low model assumes % non-resident PK-12 students ranges from 13.9% to 17.2% with an average of 15.8%.
  - **The Medium model assumes % non-resident PK-12 students ranges from 15.1% to 17.6% with an average of 16.5%.**
  - The High model assumes % non-resident PK-12 students ranges from 16.4% to 18.3% with an average of 17.5%.

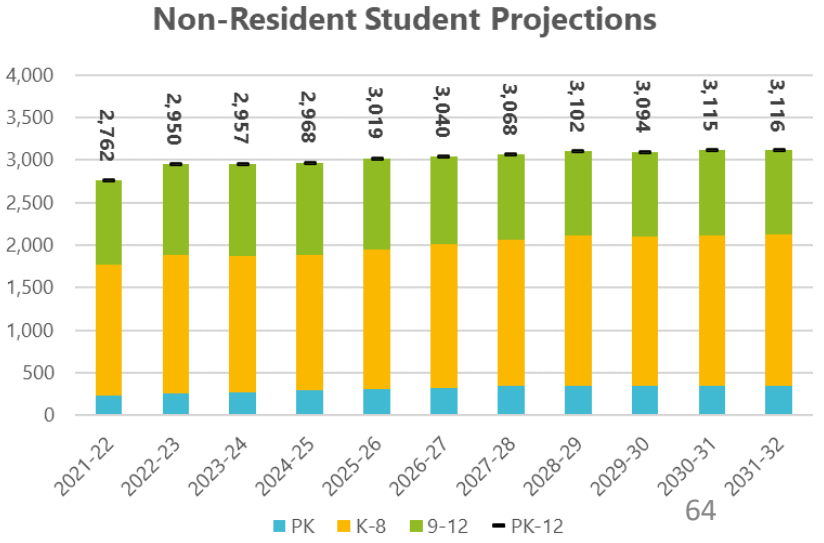


Projected Enrollment: Resident vs. Non-Resident

- Resident projections were combined with non-resident projections to yield the total districtwide projections
- **Trend of declining resident enrollment is balanced with slight increase to non-resident enrollment**

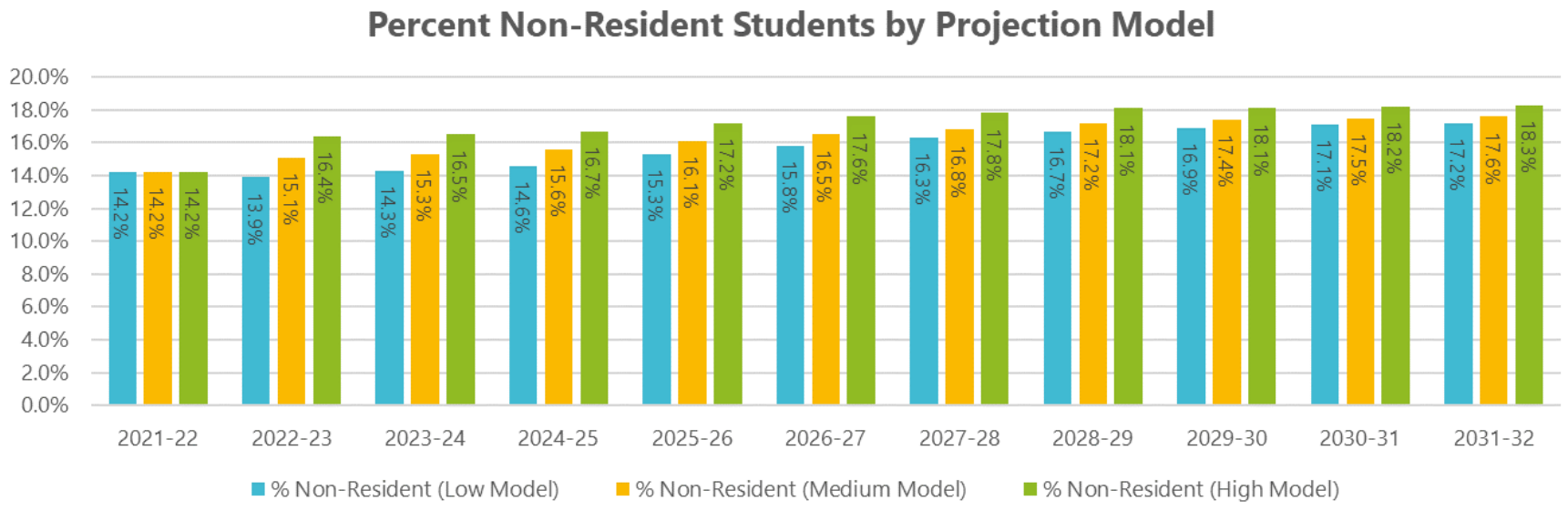


- **Non-resident enrollment is highly dependent on interdistrict magnet recruitment efforts**
- Non-resident student projections were based on the assumption that NHPS will maintain roughly the same ratio of resident to non-resident students annually over the next decade.



Projected Enrollment (Non-Resident)

- Low, Medium, and High models for non-resident students differ based on the **proportion of projected non-resident students** entering the district
- Should recruitment and enrollment of regional interdisrict magnet students change over the next decade, the three models provide a range of likely enrollments.



PK-8 Projected Enrollment (Total)

Projected PK-8 Total Enrollment by School											
School	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Augusta Lewis Troup School	426	420	409	399	396	392	384	373	375	384	385
Barack H. Obama Magnet University School (PK-4)	317	319	317	311	313	319	322	321	324	326	325
Barnard Environmental Magnet School	468	457	456	461	460	469	474	469	474	479	480
Beecher School	501	499	492	485	483	481	479	474	472	471	469
Benjamin Jepson Magnet School	490	493	489	488	489	488	486	485	485	490	491
Betsy Ross Arts Magnet School	348	331	326	332	366	363	371	378	393	410	415
Bishop Woods Architecture and Design Magnet School	451	444	433	417	401	392	382	374	366	368	368
Brennan Rogers School	404	366	345	327	296	284	284	278	280	278	277
Celentano BioTech, Health and Medical Magnet School	374	373	370	362	359	355	359	349	351	348	345
Clinton Avenue School	474	454	434	417	403	398	391	384	385	385	384
Columbus Family Academy	437	447	446	452	457	459	467	472	478	494	492
Conte/West Hills Magnet School	616	635	642	644	646	656	658	668	684	692	691
Davis Academy for Arts and Design Innovation	491	495	499	501	503	504	509	510	511	514	515
East Rock Community Magnet School	491	489	475	462	458	446	441	440	445	447	445
Edgewood School	407	411	412	417	412	415	420	418	418	421	418
Engineering - Science University Magnet School (6-8 only)	259	263	263	252	247	245	246	253	262	272	278
Fair Haven School	750	749	733	718	704	708	706	695	700	723	721
Hill Central Music Academy	440	440	442	433	437	443	446	443	449	439	439
John C. Daniels	490	504	499	497	498	496	495	495	492	492	491
John S. Martinez Sea and Sky STEM School	477	478	470	464	457	453	448	445	444	448	448
King/Robinson Magnet School	467	462	457	447	437	438	431	428	438	440	439
Lincoln-Bassett School (PK-6)	308	320	321	316	320	321	335	341	338	338	341
Mauro-Sheridan Magnet School	529	523	502	502	500	500	495	487	485	486	483
Nathan Hale School	563	574	565	563	531	533	530	511	513	516	513
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	0
Roberto Clemente Leadership Academy for Global Awareness	399	402	398	386	382	371	354	353	368	377	374
Ross/Woodward School	637	644	639	641	619	609	602	597	596	598	593
Truman School	505	499	493	492	483	473	476	470	476	480	478
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	0
Wexler/Grant Community School	318	301	291	276	266	248	235	231	240	252	251
Worthington Hooker School	393	390	396	389	387	385	388	388	391	392	390
TOTAL:	12,301	13,440	13,276	13,117	12,980	12,918	12,892	12,808	12,911	13,038	13,017

9-12 Projected Enrollment (Total)

Projected 9-12 Total Enrollment by School											
School	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
New Haven Academy	332	331	320	315	310	296	288	282	264	253	251
Hill Regional Career High School	637	640	637	620	611	582	566	556	521	499	494
Cooperative High School - Inter-District Magnet	575	588	580	566	542	515	501	490	461	442	438
James Hillhouse High School	1,185	1,247	1,241	1,220	1,149	1,092	1,059	1,043	976	933	931
High School in the Community	268	267	263	255	251	239	232	227	213	203	202
Metropolitan Business Academy	389	394	393	378	359	342	332	325	306	295	292
Riverside Education Academy	66	74	101	122	133	127	122	119	114	108	105
Sound School	340	345	341	344	345	328	319	311	291	279	278
Wilbur Cross High School	1,579	1,647	1,616	1,587	1,534	1,457	1,412	1,385	1,297	1,249	1,239
Engineering - Science University Magnet School (9-12 only)	321	319	317	322	308	304	299	293	290	288	296
Special Program Enrollment	198	196	192	192	190	189	187	188	187	187	187
Total (all schools)	5,890	6,048	6,002	5,921	5,729	5,472	5,320	5,219	4,923	4,735	4,713

Enrollment Projections Summary

Projections Summary:

- Overall, PK-12 districtwide projections will continue to decline at varying rates, high model showing the least decline
- Resident enrollment is declining most significantly, with opportunity for increased non-resident enrollment to temper the enrollment loss with greater inter-district regional student magnet recruitment
- Non-resident projections driven by proportion of non-resident students entering the district each year

Appendix

Districtwide Projections (PK-12)

Low Model

Total Combined Student Projected Enrollment (Low Model)																				
School Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	PK-12	PK-8	9-12	K-12
2020-21	2015	1,742	1,163	1,413	1,396	1,412	1,457	1,472	1,543	1,606	1,587	1,710	1,522	1,315	1,316	1,139	**20,051**	**14,188**	**5,863**	**18,912**
2021-22	2016	1,753	1,205	1,151	1,353	1,352	1,341	1,412	1,463	1,500	1,583	1,747	1,500	1,351	1,281	1,183	**19,422**	**13,543**	**5,879**	**18,239**
2022-23	2017	1,691	1,375	1,144	1,100	1,320	1,315	1,301	1,412	1,408	1,458	1,689	1,585	1,288	1,289	1,271	**18,955**	**13,104**	**5,851**	**17,684**
2023-24	2018	1,668	1,358	1,299	1,101	1,079	1,292	1,285	1,308	1,369	1,378	1,571	1,545	1,373	1,240	1,359	**18,557**	**12,828**	**5,729**	**17,198**
2024-25	2019	1,578	1,294	1,283	1,249	1,080	1,056	1,261	1,296	1,267	1,339	1,482	1,438	1,339	1,321	1,447	**18,152**	**12,572**	**5,580**	**16,705**
2025-26	2020	1,495	1,272	1,222	1,234	1,225	1,057	1,035	1,272	1,256	1,239	1,441	1,356	1,248	1,288	1,535	**17,680**	**12,347**	**5,333**	**16,145**
2026-27	2021	1,468	1,253	1,200	1,176	1,211	1,199	1,036	1,050	1,233	1,230	1,332	1,320	1,176	1,200	1,623	**17,239**	**12,211**	**5,028**	**15,616**
2027-28	2022	1,536	1,301	1,182	1,155	1,154	1,186	1,173	1,052	1,019	1,208	1,329	1,219	1,145	1,132	1,711	**16,966**	**12,141**	**4,825**	**15,255**
2028-29	2023	1,556	1,316	1,228	1,138	1,135	1,130	1,160	1,185	1,020	999	1,303	1,218	1,057	1,101	1,711	**16,701**	**12,022**	**4,679**	**14,990**
2029-30	2024	1,587	1,300	1,242	1,182	1,118	1,109	1,106	1,172	1,150	1,000	1,087	1,194	1,058	1,016	1,711	**16,445**	**12,090**	**4,355**	**14,734**
2030-31	2025	1,618	1,322	1,228	1,195	1,161	1,092	1,090	1,119	1,137	1,126	1,088	1,000	1,037	1,018	1,711	**16,324**	**12,181**	**4,143**	**14,613**
2031-32	2026	1,608	1,315	1,249	1,181	1,174	1,134	1,074	1,112	1,086	1,114	1,220	1,001	871	997	1,711	**16,239**	**12,150**	**4,089**	**14,528**

Districtwide Projections (PK-12)

Medium Model

Total Combined Student Projected Enrollment (Medium Model)																				
School Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	PK-12	PK-8	9-12	K-12
2020-21	2015	1,742	1,163	1,413	1,396	1,412	1,457	1,472	1,543	1,606	1,587	1,710	1,522	1,315	1,316	1,139	**20,051**	**14,188**	**5,863**	**18,912**
2021-22	2016	1,753	1,205	1,151	1,353	1,352	1,341	1,412	1,463	1,500	1,583	1,747	1,500	1,351	1,281	1,183	**19,422**	**13,543**	**5,879**	**18,239**
2022-23	2017	1,691	1,399	1,178	1,135	1,356	1,352	1,337	1,455	1,452	1,505	1,745	1,636	1,334	1,333	1,271	**19,488**	**13,440**	**6,048**	**18,217**
2023-24	2018	1,668	1,382	1,339	1,149	1,129	1,345	1,340	1,365	1,429	1,439	1,647	1,618	1,436	1,300	1,359	**19,277**	**13,276**	**6,001**	**17,918**
2024-25	2019	1,578	1,318	1,322	1,306	1,143	1,118	1,332	1,373	1,340	1,418	1,572	1,528	1,421	1,400	1,447	**19,038**	**13,117**	**5,921**	**17,591**
2025-26	2020	1,495	1,314	1,261	1,289	1,298	1,133	1,111	1,362	1,349	1,328	1,548	1,457	1,343	1,384	1,535	**18,712**	**12,980**	**5,732**	**17,177**
2026-27	2021	1,468	1,295	1,254	1,230	1,282	1,288	1,127	1,143	1,338	1,338	1,448	1,436	1,280	1,307	1,623	**18,389**	**12,918**	**5,471**	**16,766**
2027-28	2022	1,553	1,343	1,236	1,223	1,223	1,272	1,277	1,157	1,123	1,327	1,466	1,342	1,262	1,247	1,711	**18,209**	**12,892**	**5,317**	**16,498**
2028-29	2023	1,572	1,356	1,282	1,206	1,217	1,213	1,262	1,308	1,136	1,117	1,452	1,360	1,178	1,229	1,711	**18,027**	**12,808**	**5,219**	**16,316**
2029-30	2024	1,611	1,341	1,295	1,250	1,200	1,204	1,204	1,293	1,285	1,128	1,230	1,347	1,196	1,147	1,711	**17,831**	**12,911**	**4,920**	**16,120**
2030-31	2025	1,649	1,369	1,283	1,263	1,244	1,187	1,200	1,235	1,270	1,276	1,242	1,145	1,185	1,164	1,711	**17,774**	**13,038**	**4,736**	**16,063**
2031-32	2026	1,634	1,358	1,310	1,251	1,257	1,231	1,184	1,241	1,213	1,261	1,398	1,155	1,008	1,152	1,711	**17,730**	**13,017**	**4,713**	**16,019**

Districtwide Projections (PK-12)

High Model

Total Combined Student Projected Enrollment (High Model)																				
School Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	PK-12	PK-8	9-12	K-12
2020-21	2015	1,742	1,163	1,413	1,396	1,412	1,457	1,472	1,543	1,606	1,587	1,710	1,522	1,315	1,316	1,139	**20,051**	**14,188**	**5,863**	**18,912**
2021-22	2016	1,753	1,205	1,151	1,353	1,352	1,341	1,412	1,463	1,500	1,583	1,747	1,500	1,351	1,281	1,183	**19,422**	**13,543**	**5,879**	**18,239**
2022-23	2017	1,691	1,420	1,202	1,161	1,384	1,380	1,363	1,488	1,485	1,541	1,792	1,677	1,371	1,369	1,271	**19,904**	**13,695**	**6,209**	**18,633**
2023-24	2018	1,668	1,404	1,368	1,180	1,162	1,380	1,379	1,404	1,471	1,483	1,701	1,672	1,482	1,343	1,359	**19,788**	**13,590**	**6,198**	**18,429**
2024-25	2019	1,578	1,347	1,352	1,343	1,181	1,157	1,377	1,425	1,387	1,469	1,634	1,590	1,478	1,453	1,447	**19,640**	**13,485**	**6,155**	**18,193**
2025-26	2020	1,495	1,348	1,297	1,327	1,344	1,178	1,159	1,420	1,408	1,385	1,619	1,525	1,407	1,447	1,535	**19,399**	**13,401**	**5,998**	**17,864**
2026-27	2021	1,468	1,329	1,294	1,273	1,328	1,340	1,179	1,203	1,404	1,407	1,523	1,512	1,348	1,377	1,623	**19,140**	**13,380**	**5,760**	**17,517**
2027-28	2022	1,623	1,419	1,275	1,270	1,274	1,324	1,339	1,222	1,188	1,402	1,554	1,421	1,337	1,320	1,711	**19,056**	**13,424**	**5,632**	**17,345**
2028-29	2023	1,637	1,429	1,363	1,252	1,272	1,270	1,323	1,383	1,207	1,188	1,545	1,452	1,256	1,310	1,711	**18,961**	**13,398**	**5,563**	**17,250**
2029-30	2024	1,669	1,404	1,373	1,338	1,254	1,266	1,270	1,367	1,367	1,207	1,320	1,443	1,284	1,229	1,711	**18,833**	**13,557**	**5,276**	**17,122**
2030-31	2025	1,700	1,427	1,352	1,348	1,340	1,247	1,270	1,313	1,351	1,366	1,338	1,236	1,277	1,257	1,711	**18,833**	**13,725**	**5,108**	**17,122**
2031-32	2026	1,687	1,426	1,374	1,327	1,350	1,334	1,251	1,323	1,298	1,350	1,509	1,252	1,095	1,249	1,711	**18,849**	**13,744**	**5,105**	**17,138**

Projections by School (PK-8)

New Haven Public Schools PK-8 School Projected Enrollment, 2022-23											
School	**PK**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**PK-8 Total**
Barnard Environmental Magnet School	63	56	45	43	55	42	36	39	40	38	**457**
Beecher School	76	42	46	43	51	50	47	45	50	49	**499**
Bishop Woods Architecture and Design Magnet School	0	50	42	50	48	48	47	54	54	51	**444**
Celentano BioTech, Health and Medical Magnet School	36	36	36	28	44	32	42	37	42	40	**373**
Roberto Clemente Leadership Academy for Global Awareness	0	45	34	32	41	51	49	42	57	51	**402**
Clinton Avenue School	0	57	52	46	55	58	43	49	46	48	**454**
Columbus Family Academy	37	50	32	42	43	45	51	47	45	55	**447**
Conte/West Hills Magnet School	39	70	57	53	58	77	65	71	72	73	**635**
John C. Daniels	81	48	46	46	45	51	48	42	46	51	**504**
Davis Academy for Arts and Design Innovation	59	50	47	53	48	49	51	46	46	46	**495**
East Rock Community Magnet School	46	52	48	34	47	54	57	47	52	52	**489**
Edgewood School	0	50	46	47	51	42	40	45	41	49	**411**
Fair Haven School	22	88	61	63	87	85	71	89	85	98	**749**
Hill Central Music Academy	26	42	50	40	48	43	40	42	56	53	**440**
Worthington Hooker School	0	49	46	42	47	44	43	42	46	31	**390**
Benjamin Jepson Magnet School	66	52	42	47	47	51	47	45	45	51	**493**
King/Robinson Magnet School	63	45	37	31	42	49	43	50	54	48	**462**
Lincoln-Bassett School (PK-6)	41	59	35	27	44	40	42	32	0	0	**320**
John S. Martinez Sea and Sky STEM School	31	51	41	45	49	54	51	52	53	51	**478**
Mauro-Sheridan Magnet School	59	48	44	45	53	53	51	50	49	71	**523**
Nathan Hale School	53	55	52	53	67	56	48	77	53	60	**574**
Barack H. Obama Magnet University School (PK-4)	57	62	47	48	59	46	0	0	0	0	**319**
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	**0**
Brennan Rogers School	31	42	42	28	35	29	34	52	35	38	**366**
Ross/Woodward School	63	66	63	57	62	68	66	79	59	61	**644**
Augusta Lewis Troup School	16	47	33	36	46	50	47	42	49	54	**420**
Truman School	48	49	38	39	52	48	62	62	47	54	**499**
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	**0**
Wexler/Grant Community School	0	38	16	17	32	37	41	34	43	43	**301**
Betsy Ross Arts Magnet School	0	0	0	0	0	0	75	59	95	102	**331**
Engineering - Science University Magnet School	0	0	0	0	0	0	0	84	92	87	**263**
Dr. Reginald Mayo Early Learning Center	258										**258**
Total (all schools)	**1,271**	**1,399**	**1,178**	**1,135**	**1,356**	**1,352**	**1,337**	**1,455**	**1,452**	**1,505**	**13,440**

Projections by School (PK-8)

New Haven Public Schools PK-8 School Projected Enrollment, 2023-24											
School	**PK**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**PK-8 Total**
Barnard Environmental Magnet School	67	54	51	48	40	50	41	31	39	35	**456**
Beecher School	80	41	45	47	45	51	48	43	46	46	**492**
Bishop Woods Architecture and Design Magnet School	0	50	46	39	48	48	48	46	54	54	**433**
Celentano BioTech, Health and Medical Magnet School	40	36	34	34	31	45	31	41	38	40	**370**
Roberto Clemente Leadership Academy for Global Awareness	0	44	45	34	31	39	52	45	51	57	**398**
Clinton Avenue School	0	56	55	51	44	54	50	37	45	42	**434**
Columbus Family Academy	41	50	49	32	43	43	46	49	47	46	**446**
Conte/West Hills Magnet School	43	68	70	56	57	61	78	60	73	76	**642**
John C. Daniels	85	48	48	46	46	46	48	44	43	45	**499**
Davis Academy for Arts and Design Innovation	63	50	51	50	54	47	49	45	46	44	**499**
East Rock Community Magnet School	50	51	47	46	34	48	51	53	46	49	**475**
Edgewood School	0	50	49	47	48	51	40	37	47	43	**412**
Fair Haven School	26	87	82	53	67	88	84	68	86	92	**733**
Hill Central Music Academy	30	42	46	53	40	48	43	39	44	57	**442**
Worthington Hooker School	0	48	49	48	41	48	39	41	39	43	**396**
Benjamin Jepson Magnet School	70	52	47	43	48	46	49	47	42	45	**489**
King/Robinson Magnet School	67	44	41	37	30	42	49	41	53	53	**457**
Lincoln-Bassett School (PK-6)	45	58	48	30	26	44	36	34	0	0	**321**
John S. Martinez Sea and Sky STEM School	35	51	49	39	45	49	52	49	52	49	**470**
Mauro-Sheridan Magnet School	63	48	47	45	47	52	54	48	49	49	**502**
Nathan Hale School	57	53	53	53	49	71	53	44	79	53	**565**
Barack H. Obama Magnet University School (PK-4)	61	62	57	43	44	50	0	0	0	0	**317**
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	**0**
Brennan Rogers School	35	41	38	35	25	32	22	32	51	34	**345**
Ross/Woodward School	67	64	65	56	59	59	64	65	80	60	**639**
Augusta Lewis Troup School	20	47	44	30	35	48	51	43	41	50	**409**
Truman School	52	49	46	39	38	53	53	64	53	46	**493**
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	**0**
Wexler/Grant Community School	0	38	37	15	14	32	37	43	34	41	**291**
Betsy Ross Arts Magnet School	0	0	0	0	0	0	72	96	62	96	**326**
Engineering - Science University Magnet School	0	0	0	0	0	0	0	80	89	94	**263**
Dr. Reginald Mayo Early Learning Center	262										**262**
Total (all schools)	**1,359**	**1,382**	**1,339**	**1,149**	**1,129**	**1,345**	**1,340**	**1,365**	**1,429**	**1,439**	**13,276**

Projections by School (PK-8)

New Haven Public Schools PK-8 School Projected Enrollment, 2024-25											
School	**PK**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**PK-8 Total**
Barnard Environmental Magnet School	71	52	50	55	45	37	49	36	31	35	**461**
Beecher School	84	39	43	45	49	45	48	44	45	43	**485**
Bishop Woods Architecture and Design Magnet School	0	47	46	43	38	48	47	47	46	55	**417**
Celentano BioTech, Health and Medical Magnet School	44	34	33	32	37	32	43	30	41	36	**362**
Roberto Clemente Leadership Academy for Global Awareness	0	43	45	45	33	30	38	48	55	49	**386**
Clinton Avenue School	0	53	54	53	49	43	47	42	34	42	**417**
Columbus Family Academy	45	47	49	50	33	43	43	44	49	49	**452**
Conte/West Hills Magnet School	47	65	69	68	60	59	66	73	62	75	**644**
John C. Daniels	89	45	48	48	46	47	42	44	45	43	**497**
Davis Academy for Arts and Design Innovation	67	47	51	55	51	51	46	43	45	45	**501**
East Rock Community Magnet School	54	49	46	45	45	35	45	47	52	44	**462**
Edgewood School	0	47	49	50	48	48	48	37	39	51	**417**
Fair Haven School	30	83	79	72	56	66	91	84	66	91	**718**
Hill Central Music Academy	34	40	46	48	52	40	48	41	41	43	**433**
Worthington Hooker School	0	46	48	51	47	42	42	37	38	38	**389**
Benjamin Jepson Magnet School	74	49	47	48	44	47	43	49	44	43	**488**
King/Robinson Magnet School	71	43	41	42	36	30	41	46	44	53	**447**
Lincoln-Bassett School (PK-6)	49	55	47	42	29	26	39	29	0	0	**316**
John S. Martinez Sea and Sky STEM School	39	48	49	48	40	45	47	50	49	49	**464**
Mauro-Sheridan Magnet School	67	46	47	48	47	46	53	51	47	50	**502**
Nathan Hale School	61	52	51	53	50	53	69	49	45	80	**563**
Barack H. Obama Magnet University School (PK-4)	65	60	57	51	40	38	0	0	0	0	**311**
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	**0**
Brennan Rogers School	39	39	37	32	31	23	25	21	31	49	**327**
Ross/Woodward School	71	62	64	60	58	55	60	66	66	79	**641**
Augusta Lewis Troup School	24	45	43	41	29	37	47	47	43	43	**399**
Truman School	56	46	46	48	38	38	58	55	55	52	**492**
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	**0**
Wexler/Grant Community School	0	36	37	33	12	14	32	38	42	32	**276**
Betsy Ross Arts Magnet School	0	0	0	0	0	0	75	96	101	60	**332**
Engineering - Science University Magnet School	0	0	0	0	0	0	0	79	84	89	**252**
Dr. Reginald Mayo Early Learning Center	266										**266**
Total (all schools)	**1,447**	**1,318**	**1,322**	**1,306**	**1,143**	**1,118**	**1,332**	**1,373**	**1,340**	**1,418**	**13,117**

Projections by School (PK-8)

New Haven Public Schools PK-8 School Projected Enrollment, 2025-26											
School	**PK**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**PK-8 Total**
Barnard Environmental Magnet School	75	52	48	53	50	40	35	43	36	28	**460**
Beecher School	88	39	42	44	48	49	42	45	45	41	**483**
Bishop Woods Architecture and Design Magnet School	0	47	43	43	42	38	47	47	47	47	**401**
Celentano BioTech, Health and Medical Magnet School	48	33	31	32	35	38	30	42	30	40	**359**
Roberto Clemente Leadership Academy for Global Awareness	0	43	43	45	43	32	29	36	58	53	**382**
Clinton Avenue School	0	53	51	52	51	48	37	40	39	32	**403**
Columbus Family Academy	49	47	46	50	52	33	43	42	44	51	**457**
Conte/West Hills Magnet School	51	65	66	66	73	64	62	60	75	64	**646**
John C. Daniels	93	45	45	48	48	47	43	39	45	45	**498**
Davis Academy for Arts and Design Innovation	71	47	48	53	56	49	50	42	43	44	**503**
East Rock Community Magnet School	58	50	45	44	44	46	33	42	46	50	**458**
Edgewood School	0	47	46	50	51	48	45	44	39	42	**412**
Fair Haven School	34	82	77	70	78	57	68	87	81	70	**704**
Hill Central Music Academy	38	40	43	48	47	52	39	47	43	40	**437**
Worthington Hooker School	0	46	46	50	50	48	36	40	34	37	**387**
Benjamin Jepson Magnet School	78	50	45	48	49	43	44	43	45	44	**489**
King/Robinson Magnet School	75	43	40	42	41	36	29	39	49	43	**437**
Lincoln-Bassett School (PK-6)	53	56	45	41	41	29	23	32	0	0	**320**
John S. Martinez Sea and Sky STEM School	43	48	46	48	48	39	43	46	50	46	**457**
Mauro-Sheridan Magnet School	71	45	45	48	50	46	47	50	50	48	**500**
Nathan Hale School	65	51	49	52	50	54	50	64	50	46	**531**
Barack H. Obama Magnet University School (PK-4)	69	59	54	51	47	33	0	0	0	0	**313**
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	**0**
Brennan Rogers School	43	39	35	31	28	28	18	23	21	30	**296**
Ross/Woodward School	75	61	61	58	62	56	54	60	67	65	**619**
Augusta Lewis Troup School	28	45	42	41	40	30	36	44	46	44	**396**
Truman School	60	46	44	48	47	38	40	59	47	54	**483**
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	**0**
Wexler/Grant Community School	0	35	35	33	27	12	14	32	37	41	**266**
Betsy Ross Arts Magnet School	0	0	0	0	0	0	74	95	98	99	**366**
Engineering - Science University Magnet School	0	0	0	0	0	0	0	79	84	84	**247**
Dr. Reginald Mayo Early Learning Center	270										**270**
Total (all schools)	**1,535**	**1,314**	**1,261**	**1,289**	**1,298**	**1,133**	**1,111**	**1,362**	**1,349**	**1,328**	**12,980**

Projections by School (PK-8)

New Haven Public Schools PK-8 School Projected Enrollment, 2026-27											
School	**PK**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**PK-8 Total**
Barnard Environmental Magnet School	79	51	49	51	50	45	39	30	43	32	**469**
Beecher School	92	39	40	42	47	48	46	39	46	42	**481**
Bishop Woods Architecture and Design Magnet School	0	46	43	41	42	42	37	46	47	48	**392**
Celentano BioTech, Health and Medical Magnet School	52	33	31	30	35	36	37	29	42	30	**355**
Roberto Clemente Leadership Academy for Global Awareness	0	42	43	43	43	41	32	27	44	56	**371**
Clinton Avenue School	0	52	51	49	50	50	42	32	36	36	**398**
Columbus Family Academy	53	46	46	47	52	52	34	41	42	46	**459**
Conte/West Hills Magnet School	55	64	66	63	69	77	65	57	62	78	**656**
John C. Daniels	97	45	45	45	48	49	43	39	40	45	**496**
Davis Academy for Arts and Design Innovation	75	46	49	50	56	53	47	44	42	42	**504**
East Rock Community Magnet School	62	49	45	43	43	45	43	31	41	44	**446**
Edgewood School	0	46	46	47	51	51	45	41	46	42	**415**
Fair Haven School	38	81	76	69	75	79	56	65	85	84	**708**
Hill Central Music Academy	42	39	43	45	47	47	51	37	50	42	**443**
Worthington Hooker School	0	45	46	48	49	51	42	34	37	33	**385**
Benjamin Jepson Magnet School	82	49	45	46	49	48	40	43	40	46	**488**
King/Robinson Magnet School	79	42	40	41	41	41	36	27	42	49	**438**
Lincoln-Bassett School (PK-6)	57	55	45	39	40	41	26	18	0	0	**321**
John S. Martinez Sea and Sky STEM School	47	47	46	45	48	48	38	41	46	47	**453**
Mauro-Sheridan Magnet School	75	45	44	46	50	49	46	44	50	51	**500**
Nathan Hale School	69	50	49	50	49	53	50	46	66	51	**533**
Barack H. Obama Magnet University School (PK-4)	73	58	53	48	47	40	0	0	0	0	**319**
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	**0**
Brennan Rogers School	47	39	34	30	27	26	22	16	23	20	**284**
Ross/Woodward School	79	61	60	56	60	59	54	54	61	65	**609**
Augusta Lewis Troup School	32	44	41	39	40	42	30	33	43	48	**392**
Truman School	64	45	44	46	47	48	41	41	50	47	**473**
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	**0**
Wexler/Grant Community School	0	36	34	31	27	27	12	14	31	36	**248**
Betsy Ross Arts Magnet School	0	0	0	0	0	0	73	95	99	96	**363**
Engineering - Science University Magnet School	0	0	0	0	0	0	0	79	84	82	**245**
Dr. Reginald Mayo Early Learning Center	274										**274**
Total (all schools)	**1,623**	**1,295**	**1,254**	**1,230**	**1,282**	**1,288**	**1,127**	**1,143**	**1,338**	**1,338**	**12,918**

SLR SLAM

Projections by School (PK-8)

New Haven Public Schools PK-8 School Projected Enrollment, 2027-28											
School	**PK**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**PK-8 Total**
Barnard Environmental Magnet School	83	54	47	52	48	45	44	33	30	38	**474**
Beecher School	96	40	40	41	45	46	45	43	40	43	**479**
Bishop Woods Architecture and Design Magnet School	0	48	42	41	40	42	40	36	46	47	**382**
Celentano BioTech, Health and Medical Magnet School	56	35	31	29	32	36	35	35	29	41	**359**
Roberto Clemente Leadership Academy for Global Awareness	0	43	42	43	41	41	40	29	33	42	**354**
Clinton Avenue School	0	54	50	49	47	49	44	35	29	34	**391**
Columbus Family Academy	57	49	45	47	48	52	52	32	41	44	**467**
Conte/West Hills Magnet School	59	65	66	66	68	74	78	60	58	64	**658**
John C. Daniels	101	47	45	44	45	49	45	39	40	40	**495**
Davis Academy for Arts and Design Innovation	79	49	47	50	52	53	52	42	44	41	**509**
East Rock Community Magnet School	66	50	44	43	42	44	42	40	30	40	**441**
Edgewood School	0	48	45	47	48	51	48	41	43	49	**420**
Fair Haven School	42	83	77	69	76	76	78	55	61	89	**706**
Hill Central Music Academy	46	41	42	44	45	46	46	49	39	48	**446**
Worthington Hooker School	0	47	45	48	47	50	45	39	31	36	**388**
Benjamin Jepson Magnet School	86	50	44	46	47	48	45	39	40	41	**486**
King/Robinson Magnet School	83	43	39	41	40	41	40	33	29	42	**431**
Lincoln-Bassett School (PK-6)	61	56	45	38	38	40	36	21	0	0	**335**
John S. Martinez Sea and Sky STEM School	51	49	45	44	45	48	46	36	41	43	**448**
Mauro-Sheridan Magnet School	79	47	44	44	47	49	49	43	43	50	**495**
Nathan Hale School	73	52	49	49	47	52	50	46	46	66	**530**
Barack H. Obama Magnet University School (PK-4)	77	61	52	48	44	40	0	0	0	0	**322**
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	**0**
Brennan Rogers School	51	41	34	29	26	25	20	20	16	22	**284**
Ross/Woodward School	83	62	59	56	57	58	58	55	54	60	**602**
Augusta Lewis Troup School	36	45	40	38	38	42	41	27	32	45	**384**
Truman School	68	48	43	46	45	48	51	42	35	50	**476**
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	**0**
Wexler/Grant Community School	0	36	34	31	25	27	26	12	14	30	**235**
Betsy Ross Arts Magnet School	0	0	0	0	0	0	81	95	97	98	**371**
Engineering - Science University Magnet School	0	0	0	0	0	0	0	80	82	84	**246**
Dr. Reginald Mayo Early Learning Center	278										**278**
Total (all schools)	**1,711**	**1,343**	**1,236**	**1,223**	**1,223**	**1,272**	**1,277**	**1,157**	**1,123**	**1,327**	**12,892**

Projections by School (PK-8)

New Haven Public Schools PK-8 School Projected Enrollment, 2028-29											
School	**PK**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**PK-8 Total**
Barnard Environmental Magnet School	83	53	50	51	48	44	43	37	33	27	**469**
Beecher School	96	41	42	41	43	45	43	42	43	38	**474**
Bishop Woods Architecture and Design Magnet School	0	49	43	40	40	40	40	40	36	46	**374**
Celentano BioTech, Health and Medical Magnet School	56	35	33	29	31	33	35	33	35	29	**349**
Roberto Clemente Leadership Academy for Global Awareness	0	43	43	42	42	39	40	37	36	31	**353**
Clinton Avenue School	0	55	51	48	47	46	42	36	32	27	**384**
Columbus Family Academy	57	49	48	46	48	48	52	50	32	42	**472**
Conte/West Hills Magnet School	59	67	67	64	69	71	78	72	61	60	**668**
John C. Daniels	101	47	47	45	45	46	44	41	39	40	**495**
Davis Academy for Arts and Design Innovation	79	49	50	49	52	50	52	46	41	42	**510**
East Rock Community Magnet School	66	51	45	42	42	44	42	40	39	29	**440**
Edgewood School	0	49	47	46	48	48	48	44	42	46	**418**
Fair Haven School	42	83	78	69	74	75	79	76	53	66	**695**
Hill Central Music Academy	46	42	43	43	45	45	45	44	52	38	**443**
Worthington Hooker School	0	48	47	47	47	48	43	42	36	30	**388**
Benjamin Jepson Magnet School	86	51	45	45	47	46	44	44	36	41	**485**
King/Robinson Magnet School	83	43	41	40	40	40	40	37	35	29	**428**
Lincoln-Bassett School (PK-6)	61	57	45	39	37	38	35	29	0	0	**341**
John S. Martinez Sea and Sky STEM School	51	50	47	43	45	45	45	44	36	39	**445**
Mauro-Sheridan Magnet School	79	47	45	45	46	46	49	46	41	43	**487**
Nathan Hale School	73	52	50	49	47	50	49	47	47	47	**511**
Barack H. Obama Magnet University School (PK-4)	77	60	55	47	45	37	0	0	0	0	**321**
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	**0**
Brennan Rogers School	51	41	36	29	25	24	19	18	20	15	**278**
Ross/Woodward School	83	64	62	54	57	55	56	57	55	54	**597**
Augusta Lewis Troup School	36	45	42	37	37	40	41	37	26	32	**373**
Truman School	68	48	45	45	45	45	51	52	36	35	**470**
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	**0**
Wexler/Grant Community School	0	37	35	31	25	25	26	26	12	14	**231**
Betsy Ross Arts Magnet School	0	0	0	0	0	0	81	104	98	95	**378**
Engineering - Science University Magnet School	0	0	0	0	0	0	0	87	84	82	**253**
Dr. Reginald Mayo Early Learning Center	278										**278**
Total (all schools)	**1,711**	**1,356**	**1,282**	**1,206**	**1,217**	**1,213**	**1,262**	**1,308**	**1,136**	**1,117**	**12,808**

Projections by School (PK-8)

New Haven Public Schools PK-8 School Projected Enrollment, 2029-30											
School	**PK**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**PK-8 Total**
Barnard Environmental Magnet School	83	53	50	53	47	44	41	37	37	29	**474**
Beecher School	96	40	43	42	44	43	41	40	43	40	**472**
Bishop Woods Architecture and Design Magnet School	0	48	44	41	39	40	38	39	40	37	**366**
Celentano BioTech, Health and Medical Magnet School	56	35	33	31	32	32	32	33	33	34	**351**
Roberto Clemente Leadership Academy for Global Awareness	0	43	43	44	41	41	38	37	46	35	**368**
Clinton Avenue School	0	54	52	50	46	46	39	35	33	30	**385**
Columbus Family Academy	57	48	48	48	47	48	48	50	50	34	**478**
Conte/West Hills Magnet School	59	66	69	66	68	74	74	70	74	64	**684**
John C. Daniels	101	46	46	46	45	46	41	40	42	39	**492**
Davis Academy for Arts and Design Innovation	79	48	50	52	51	50	49	46	46	40	**511**
East Rock Community Magnet School	66	50	46	44	41	43	41	39	38	37	**445**
Edgewood School	0	48	48	47	47	48	45	43	46	46	**418**
Fair Haven School	42	84	78	70	72	75	75	75	74	55	**700**
Hill Central Music Academy	46	42	44	45	44	44	44	43	46	51	**449**
Worthington Hooker School	0	47	48	48	46	48	41	40	38	35	**391**
Benjamin Jepson Magnet School	86	50	46	46	46	46	44	43	41	37	**485**
King/Robinson Magnet School	83	43	41	41	39	40	39	37	40	35	**438**
Lincoln-Bassett School (PK-6)	61	56	46	39	38	37	33	28	0	0	**338**
John S. Martinez Sea and Sky STEM School	51	49	48	45	44	44	42	43	44	34	**444**
Mauro-Sheridan Magnet School	79	46	45	46	46	44	46	46	45	42	**485**
Nathan Hale School	73	53	50	51	47	50	47	46	48	48	**513**
Barack H. Obama Magnet University School (PK-4)	77	61	55	50	44	37	0	0	0	0	**324**
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	**0**
Brennan Rogers School	51	40	36	31	25	23	19	18	18	19	**280**
Ross/Woodward School	83	63	63	57	56	54	53	56	57	54	**596**
Augusta Lewis Troup School	36	45	42	39	36	38	39	37	36	27	**375**
Truman School	68	47	45	47	44	44	48	52	45	36	**476**
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	**0**
Wexler/Grant Community School	0	36	36	31	25	25	24	26	25	12	**240**
Betsy Ross Arts Magnet School	0	0	0	0	0	0	83	106	108	96	**393**
Engineering - Science University Magnet School	0	0	0	0	0	0	0	88	92	82	**262**
Dr. Reginald Mayo Early Learning Center	278										**278**
Total (all schools)	**1,711**	**1,341**	**1,295**	**1,250**	**1,200**	**1,204**	**1,204**	**1,293**	**1,285**	**1,128**	**12,911**

Projections by School (PK-8)

New Haven Public Schools PK-8 School Projected Enrollment, 2030-31											
School	**PK**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**PK-8 Total**
Barnard Environmental Magnet School	83	54	49	53	50	43	42	35	37	33	**479**
Beecher School	96	41	43	44	45	43	40	38	41	40	**471**
Bishop Woods Architecture and Design Magnet School	0	49	44	42	40	39	38	37	39	40	**368**
Celentano BioTech, Health and Medical Magnet School	56	35	33	31	33	33	31	30	33	33	**348**
Roberto Clemente Leadership Academy for Global Awareness	0	44	43	44	42	40	40	35	46	43	**377**
Clinton Avenue School	0	55	52	51	47	45	39	33	32	31	**385**
Columbus Family Academy	57	49	47	48	50	47	48	46	50	52	**494**
Conte/West Hills Magnet School	59	67	67	65	71	72	75	67	72	77	**692**
John C. Daniels	101	47	46	46	46	46	41	37	41	41	**492**
Davis Academy for Arts and Design Innovation	79	49	49	52	53	49	49	44	46	44	**514**
East Rock Community Magnet School	66	52	45	45	43	42	41	38	38	37	**447**
Edgewood School	0	49	47	48	49	47	45	40	46	50	**421**
Fair Haven School	42	86	78	70	77	73	74	73	72	78	**723**
Hill Central Music Academy	46	41	44	46	45	43	43	41	46	44	**439**
Worthington Hooker School	0	48	47	50	47	47	41	38	37	37	**392**
Benjamin Jepson Magnet School	86	52	46	47	47	45	43	43	40	41	**490**
King/Robinson Magnet School	83	44	40	41	40	39	39	36	39	39	**440**
Lincoln-Bassett School (PK-6)	61	57	46	40	38	37	33	26	0	0	**338**
John S. Martinez Sea and Sky STEM School	51	50	47	46	45	43	42	40	43	41	**448**
Mauro-Sheridan Magnet School	79	47	45	46	47	45	45	43	44	45	**486**
Nathan Hale School	73	54	51	51	49	51	47	44	47	49	**516**
Barack H. Obama Magnet University School (PK-4)	77	62	55	50	45	37	0	0	0	0	**326**
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	**0**
Brennan Rogers School	51	41	36	31	27	23	17	17	18	17	**278**
Ross/Woodward School	83	65	62	58	59	53	53	53	56	56	**598**
Augusta Lewis Troup School	36	46	42	39	38	37	38	35	36	37	**384**
Truman School	68	48	44	47	46	43	47	49	44	44	**480**
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	**0**
Wexler/Grant Community School	0	37	35	32	25	25	24	24	25	25	**252**
Betsy Ross Arts Magnet School	0	0	0	0	0	0	85	106	110	109	**410**
Engineering - Science University Magnet School	0	0	0	0	0	0	0	87	92	93	**272**
Dr. Reginald Mayo Early Learning Center	278										**278**
Total (all schools)	**1,711**	**1,369**	**1,283**	**1,263**	**1,244**	**1,187**	**1,200**	**1,235**	**1,270**	**1,276**	**13,038**

Projections by School (PK-8)

New Haven Public Schools PK-8 School Projected Enrollment, 2031-32											
School	**PK**	**K**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**PK-8 Total**
Barnard Environmental Magnet School	83	54	51	52	50	45	41	36	35	33	**480**
Beecher School	96	40	44	43	46	45	40	37	39	39	**469**
Bishop Woods Architecture and Design Magnet School	0	49	45	42	42	40	37	36	37	40	**368**
Celentano BioTech, Health and Medical Magnet School	56	35	33	31	33	34	31	29	30	33	**345**
Roberto Clemente Leadership Academy for Global Awareness	0	44	44	43	42	40	39	37	42	43	**374**
Clinton Avenue School	0	55	53	50	49	46	38	33	30	30	**384**
Columbus Family Academy	57	49	48	48	50	50	47	46	46	51	**492**
Conte/West Hills Magnet School	59	67	68	65	70	74	75	69	69	75	**691**
John C. Daniels	101	47	47	46	46	47	41	37	38	41	**491**
Davis Academy for Arts and Design Innovation	79	49	51	51	53	52	48	44	44	44	**515**
East Rock Community Magnet School	66	50	46	43	44	44	40	38	37	37	**445**
Edgewood School	0	49	48	48	50	48	44	40	42	49	**418**
Fair Haven School	42	84	79	70	76	77	73	72	71	77	**721**
Hill Central Music Academy	46	41	44	46	46	45	42	41	44	44	**439**
Worthington Hooker School	0	47	48	49	49	48	40	38	35	36	**390**
Benjamin Jepson Magnet School	86	51	47	47	49	46	42	43	39	41	**491**
King/Robinson Magnet School	83	44	40	41	40	40	38	36	38	39	**439**
Lincoln-Bassett School (PK-6)	61	57	47	40	39	38	33	26	0	0	**341**
John S. Martinez Sea and Sky STEM School	51	50	48	46	46	45	41	40	40	41	**448**
Mauro-Sheridan Magnet School	79	47	46	46	47	46	45	41	41	45	**483**
Nathan Hale School	73	53	52	51	49	52	47	44	45	47	**513**
Barack H. Obama Magnet University School (PK-4)	77	60	56	49	45	38	0	0	0	0	**325**
Quinnipiac Real World Math STEM School (CLOSED JAN 2021)	0	0	0	0	0	0	0	0	0	0	**0**
Brennan Rogers School	51	41	37	31	27	25	17	15	17	16	**277**
Ross/Woodward School	83	64	64	57	59	55	52	52	53	54	**593**
Augusta Lewis Troup School	36	46	43	39	38	40	37	35	34	37	**385**
Truman School	68	48	45	46	46	46	46	48	41	44	**478**
West Rock Authors Academy (CLOSED JAN 2021) (PK-4)	0	0	0	0	0	0	0	0	0	0	**0**
Wexler/Grant Community School	0	37	36	31	26	25	24	24	23	25	**251**
Betsy Ross Arts Magnet School	0	0	0	0	0	0	86	111	110	108	**415**
Engineering - Science University Magnet School	0	0	0	0	0	0	0	93	93	92	**278**
Dr. Reginald Mayo Early Learning Center	278										**278**
Total (all schools)	**1,711**	**1,358**	**1,310**	**1,251**	**1,257**	**1,231**	**1,184**	**1,241**	**1,213**	**1,261**	**13,017**

Projections by School (9-12)

New Haven Public Schools 9-12 School Projected Enrollment, 2022-23					
School	**9**	**10**	**11**	**12**	**9-12 Total**
New Haven Academy	99	85	73	74	331
Hill Regional Career High School	179	162	155	144	640
Cooperative High School - Inter-District Magnet	171	160	132	125	588
James Hillhouse High School	386	382	252	227	1,247
High School in the Community	81	71	63	52	267
Metropolitan Business Academy	102	113	100	79	394
Riverside Education Academy	27	21	19	7	74
Sound School	104	81	78	82	345
Wilbur Cross High School	489	441	355	362	1,647
Engineering - Science University Magnet School	89	95	69	66	319
Special Program Enrollment	18	25	38	115	196
Total (all schools)	**1,745**	**1,636**	**1,334**	**1,333**	**6,048**

New Haven Public Schools 9-12 School Projected Enrollment, 2023-24					
School	**9**	**10**	**11**	**12**	**9-12 Total**
New Haven Academy	93	92	74	61	320
Hill Regional Career High School	168	176	145	148	637
Cooperative High School - Inter-District Magnet	160	153	144	123	580
James Hillhouse High School	363	335	316	227	1,241
High School in the Community	76	77	58	52	263
Metropolitan Business Academy	96	105	102	90	393
Riverside Education Academy	25	45	19	12	101
Sound School	98	98	75	70	341
Wilbur Cross High School	460	431	383	342	1,616
Engineering - Science University Magnet School	90	81	82	64	317
Special Program Enrollment	18	25	38	111	192
Total (all schools)	**1,647**	**1,618**	**1,436**	**1,300**	**6,001**

Projections by School (9-12)

New Haven Public Schools 9-12 School Projected Enrollment, 2024-25					
School	**9**	**10**	**11**	**12**	**9-12 Total**
New Haven Academy	88	86	79	62	315
Hill Regional Career High School	159	165	157	139	620
Cooperative High School - Inter-District Magnet	152	143	136	135	566
James Hillhouse High School	344	314	276	286	1,220
High School in the Community	72	72	63	48	255
Metropolitan Business Academy	91	99	95	93	378
Riverside Education Academy	24	42	43	13	122
Sound School	93	92	91	68	344
Wilbur Cross High School	437	409	373	368	1,587
Engineering - Science University Magnet School	94	81	70	77	322
Special Program Enrollment	18	25	38	111	192
Total (all schools)	**1,572**	**1,528**	**1,421**	**1,400**	**5,921**

New Haven Public Schools 9-12 School Projected Enrollment, 2025-26					
School	**9**	**10**	**11**	**12**	**9-12 Total**
New Haven Academy	87	82	74	67	310
Hill Regional Career High School	158	156	147	150	611
Cooperative High School - Inter-District Magnet	150	136	128	128	542
James Hillhouse High School	339	298	260	252	1,149
High School in the Community	71	68	59	53	251
Metropolitan Business Academy	90	94	89	86	359
Riverside Education Academy	23	41	40	29	133
Sound School	91	87	85	82	345
Wilbur Cross High School	432	386	354	362	1,534
Engineering - Science University Magnet School	89	85	70	64	308
Special Program Enrollment	18	24	37	111	190
Total (all schools)	**1,548**	**1,457**	**1,343**	**1,384**	**5,732**

Projections by School (9-12)

New Haven Public Schools 9-12 School Projected Enrollment, 2026-27					
School	**9**	**10**	**11**	**12**	**9-12 Total**
New Haven Academy	81	82	71	62	296
Hill Regional Career High School	147	155	139	141	582
Cooperative High School - Inter-District Magnet	140	134	121	120	515
James Hillhouse High School	317	294	246	235	1,092
High School in the Community	66	68	56	49	239
Metropolitan Business Academy	84	93	84	81	342
Riverside Education Academy	22	39	39	27	127
Sound School	86	85	80	77	328
Wilbur Cross High School	402	380	333	342	1,457
Engineering - Science University Magnet School	85	81	74	64	304
Special Program Enrollment	18	25	37	109	189
Total (all schools)	**1,448**	**1,436**	**1,280**	**1,307**	**5,471**

New Haven Public Schools 9-12 School Projected Enrollment, 2027-28					
School	**9**	**10**	**11**	**12**	**9-12 Total**
New Haven Academy	83	75	70	60	288
Hill Regional Career High School	149	145	139	133	566
Cooperative High School - Inter-District Magnet	142	125	120	114	501
James Hillhouse High School	320	274	243	222	1,059
High School in the Community	67	63	55	47	232
Metropolitan Business Academy	86	86	84	76	332
Riverside Education Academy	22	37	37	26	122
Sound School	87	80	79	73	319
Wilbur Cross High School	407	356	329	320	1,412
Engineering - Science University Magnet School	85	77	69	68	299
Special Program Enrollment	18	24	37	108	187
Total (all schools)	**1,466**	**1,342**	**1,262**	**1,247**	**5,317**

Projections by School (9-12)

New Haven Public Schools 9-12 School Projected Enrollment, 2028-29					
School	**9**	**10**	**11**	**12**	**9-12 Total**
New Haven Academy	81	77	64	60	282
Hill Regional Career High School	148	147	128	133	556
Cooperative High School - Inter-District Magnet	140	127	111	112	490
James Hillhouse High School	319	278	227	219	1,043
High School in the Community	66	64	51	46	227
Metropolitan Business Academy	84	88	77	76	325
Riverside Education Academy	22	37	35	25	119
Sound School	85	81	74	71	311
Wilbur Cross High School	404	359	307	315	1,385
Engineering - Science University Magnet School	85	77	67	64	293
Special Program Enrollment	18	25	37	108	188
Total (all schools)	**1,452**	**1,360**	**1,178**	**1,229**	**5,219**

New Haven Public Schools 9-12 School Projected Enrollment, 2029-30					
School	**9**	**10**	**11**	**12**	**9-12 Total**
New Haven Academy	68	76	66	54	264
Hill Regional Career High School	123	145	131	122	521
Cooperative High School - Inter-District Magnet	118	126	113	104	461
James Hillhouse High School	267	276	230	203	976
High School in the Community	56	63	52	42	213
Metropolitan Business Academy	71	86	79	70	306
Riverside Education Academy	18	37	35	24	114
Sound School	72	79	74	66	291
Wilbur Cross High School	336	356	312	293	1,297
Engineering - Science University Magnet School	83	78	67	62	290
Special Program Enrollment	18	25	37	107	187
Total (all schools)	**1,230**	**1,347**	**1,196**	**1,147**	**4,920**

Projections by School (9-12)

New Haven Public Schools 9-12 School Projected Enrollment, 2030-31					
School	**9**	**10**	**11**	**12**	**9-12 Total**
New Haven Academy	69	64	65	55	253
Hill Regional Career High School	125	121	129	124	499
Cooperative High School - Inter-District Magnet	119	106	112	105	442
James Hillhouse High School	267	232	228	206	933
High School in the Community	56	53	51	43	203
Metropolitan Business Academy	72	73	78	72	295
Riverside Education Academy	19	30	35	24	108
Sound School	73	67	73	66	279
Wilbur Cross High School	340	300	310	299	1,249
Engineering - Science University Magnet School	84	75	67	62	288
Special Program Enrollment	18	24	37	108	187
Total (all schools)	**1,242**	**1,145**	**1,185**	**1,164**	**4,736**

New Haven Public Schools 9-12 School Projected Enrollment, 2031-32					
School	**9**	**10**	**11**	**12**	**9-12 Total**
New Haven Academy	78	64	55	54	251
Hill Regional Career High School	140	123	108	123	494
Cooperative High School - Inter-District Magnet	134	106	94	104	438
James Hillhouse High School	303	233	191	204	931
High School in the Community	64	53	43	42	202
Metropolitan Business Academy	81	74	66	71	292
Riverside Education Academy	21	32	28	24	105
Sound School	82	68	62	66	278
Wilbur Cross High School	384	302	259	294	1,239
Engineering - Science University Magnet School	93	76	65	62	296
Special Program Enrollment	18	24	37	108	187
Total (all schools)	**1,398**	**1,155**	**1,008**	**1,152**	**4,713**

Appendix B

Existing Room Inventory, Utilization & Capacity Summary

New Haven Public Schools - Existing Room Inventory, Utilization and Capacity Summary

School Age Legend
<10 Years
10-14 Years
15-20 Years
21-109 Years

Existing Room Inventory

Year	Type	Age	School Name	SF Area (City doc)	Address	Current Enrollment (10/1/2022) SDE	Existing Classroom Inventory (Academic CR's + Self-Contained)	ACADEMIC CLASSROOMS PreK - 8: PK	K	1	2	3	4	5	6	7	8	Unassigned
			Category-1: Elementary Schools (Grade 6 and Under)															
2001	Reno	21	Bassett	94,749	130 Bassett Street	257	21	3	2	3	3	3	2	2	2			
2020	New	2	BOMUS	64,000	69 Farnham Ave	326	20	3	3	3	3	3	3	0	0			
2015	New	7	Dr. Mayo	77,606	185 Goffe St	312	34	28										
1965	Orig	57	Quinnipiac	31,000	460 Lexington Ave	0	0											
2009	Reno	13	West Rock	36,500	311 Valley St	0	0											
			Cat-1 Sub-Total	**303,855**		**895**	**75**	34	5	6	6	6	5	2	2	0	0	0
			Category-2: PreK/K-8 Neighborhood Schools															
2005	Reno	17	Clinton	97,000	293 Clinton Ave	454	26		3	3	3	4	3	3	2	2	2	
2008	New	14	FAME	74,600	255 Blatchly Ave	441	22	2	2	3	3	2	2	2	2	2	2	
2004	Reno	18	Fair Haven	180,362	164 Grand Ave	689	43	2	4	4	4	4	4	4	4	4	3	2
2006	Reno	16	Hooker (K-2)	24,000	180 Canner Street	120	6		2	2	2							
2009	Reno	13	Hooker (3-8)	61,003	691 Whitney Ave	251	12					2	2	2	2	2	2	
2003	Reno	19	Nathan Hale	94,853	480 Townsend Ave	540	24	3	2	2	2	3	2	2	3	2	2	
2008	Reno	14	Troup	113,200	259 Edgewood Ave	401	21	1	2	3	3	2	2	2	2	2	2	
2000	Reno	22	Wexler-Grant	91,866	55 Foote St	271	19		2	2	2	2	2	2	2	2	2	
			Cat-2 Sub-Total	**736,884**		**3167**	**173**	8	17	19	19	19	17	17	17	16	15	2
			Category-3 - PreK/K-8 Magnet Schools															
2006	Reno	16	Barnard	85,000	170 Derby Ave	460	26	3	2	3	3	3	2	2	3	2	3	
2006	Reno	16	Beecher	90,740	100 Jewell St	476	22	4	2	2	2	2	2	2	2	2	2	
2009	New	13	Bishop Woods	72,240	1481 Quinnipiac Ave	442	20	0	2	2	2	2	2	2	2	2	2	1
2001	Reno	21	Brennan-Rogers 4-8	57,216	200 Wilmot Road	167	15							2	2	2	3	3
2001	Reno	21	Brennan-Rogers K-3	35,500	199 Wilmot Road	168	15	2	2	3	3	2	3					
2005	New	17	Celantano	92,530	400 Canner St	375	22	2	2	2	2	2	2	2	2	2	2	
2010	New	12	Clemente	79,177	360 Columbus Avenue	405	25		2	3	3	3	2	3	3	2	3	
2001	Reno	21	Conte	110,000	511 Chapel St	586	32	2	3	3	4	3	3	3	3	4	4	
2006	New	16	Daniels	90,700	569 Congress Ave	493	22	4	2	2	2	2	2	2	2	2	2	
2011	New	11	Davis	77,240	35 Davis Street	479	21	3	2	2	2	2	2	2	2	2	2	
2013	Reno	9	East Rock	77,598	113 Nash St	481	26	2	2	3	3	3	2	2	2	2	2	
1999	Reno	23	Edgewood	47,688	737 Edgewood Ave	392	18		2	2	2	2	2	2	2	2	2	
2012	New	10	Hill Central	78,768	140 Dewitt St	417	22	2	2	3	2	3	2	2	2	2	2	
2007	New	15	Jepson	87,400	15 Lexington Ave	499	21	3	2	2	2	2	2	2	2	2	2	
2004	New	18	King Robinson	105,900	150 Fournier St	409	20	2	2	2	2	2	2	2	2	2	2	
2004	New	18	Martinez	101,529	100 James Street	467	21	3	2	2	2	2	2	2	2	2	2	
2009	New	13	Mauro-Sheridan	101,322	191 Fountain Street	504	27	3	2	3	3	3	2	2	2	3	3	1
2004	Reno	18	Ross Woodward	108,000	185 Barnes Ave	604	33	3	3	4	4	4	3	3	3	3	3	
2004	Reno	18	Truman	101,700	114 Truman Street	475	25	2	2	2	2	2	3	3	3	3	3	
			Cat-3 Sub-Total	**1,600,248**		**8,299**	**433**	40	38	45	45	44	40	40	41	41	44	5

School Name	SHARED/ COMMON SPACES: Gym	Gym Platform/ Stage	Multi-Purpose	Running Track (Interior)	Boys PE Locker Room	Girls PE Locker Room	Non-Binary PE Locker Room	Boys Athletic Locker Room	Girls Athletic Locker Room	Non-Binary Athletic Locker Room	Weight Room	Cafeteria	Cafeteria Platform/ Stage	Cooking Kitchen	Warming Kitchen	Library/ MC	Computer Lab	Auditorium w/ Stage	Pool		
Bassett	1				1	1						1			1	1	1	1			
BOMUS	1							1	1	1		1	1		1	1					
Dr. Mayo	1	1	1											1		1	1				
Quinnipiac																					
West Rock																					
Cat-1 Sub-Total	3	1	1	0	1	1	0	1	1	1	0	2	1	1	2	3	2	1	0		
Clinton	1	1										1		1	1	1	1				
FAME	1	1			1	1						1	1	1		1	1				
Fair Haven	1				1	1						1		1		3	2	1			
Hooker (K-2)												1		1	1	1					
Hooker (3-8)	1						1					1		1	1	1		1			
Nathan Hale	1				1	1						1		1	1	1	1	1			
Troup	1				1	1						1			1	1	1	1			
Wexler-Grant	1				1	1						1		1	1	1	1	1			
Cat-2 Sub-Total	7	2	0	0	5	5	1	0	0	0	0	8	1	7	6	10	7	5	0	0	
Barnard	1				1	1						1	1	1							
Beecher	1				1	1						1	1	1	1	1					
Bishop Woods	1				1	1						1	1		1	1					
Brennan-Rogers 4-8												1		1		1	1				
Brennan-Rogers K-3	1		1									1		1		1					
Celantano	1											1	1	1	1	1	1				
Clemente	1				1	1						1	1		1	1	1				
Conte	1				1	1						1		1		1			1		
Daniels	1				1	1						1		1		1		1			
Davis	1				1	1						1				1	1	1			
East Rock	1				1	1						1	1		1	1	1				
Edgewood	1	1										1			1	2					
Hill Central	1	1			1	1						1	*	1		1					
Jepson	1				1	1		1	1			1	1	1		1					
King Robinson	1	1			1	1						1		1	1	1	1	1			
Martinez	1	1			1	1						1	1		1	1					
Mauro-Sheridan	1	1			1	1						1		1		1					
Ross Woodward	1				1	1		1	1			1	1	1		1	1				
Truman	1	1			1	1						1		1		1	1				
Cat-3 Sub-Total	18	6	1	0	15	15	0	2	2	0	0	19	9	13	8	19	8	3	1	0	0

School Name	ACADEMIC SPECIALS SPACES PreK-8: Art	Music	Science	World Language	STEM / Maker Space	Health Classroom	Other		SPECIAL EDUCATION/ STUDENT SUPPORT SPACES: SPED / Self-Contained CR	Resource	ESL/Bi-Lingual Classroom	Speech	OT/PT	Life Skills Classroom/ Lab	Tutor	Coaches	Intervention
Bassett	1	1	1		1				1	3					1	2	
BOMUS	1	1			1				2	1	1					2	
Dr. Mayo									6	1						1	
Quinnipiac																	
West Rock																	
Cat-1 Sub-Total	2	2	1	0	2	0	0		9	5	1	0	0	0	1	5	0
Clinton	1	2	3				1		1	4	1	1			1	2	
FAME	1	1	1	1							1					1	
Fair Haven	2	2	3	1	1		1		4	6	3	1			1	2	2
Hooker (K-2)	1	1								1	1				1	1	
Hooker (3-8)	1	1	1	1	1					1	1	1			1	1	
Nathan Hale	1	1	1	1					1	3	1	1	1		1	2	
Troup	1		1	1						1	1	1				3	
Wexler-Grant	1	1	1		1				1	4		1			1	2	
Cat-2 Sub-Total	9	9	11	5	3	0	2		7	20	9	6	1	0	6	14	2
Barnard	1	1	1		1		3			3	1	1			4	1	4
Beecher	1	1	1	1						3		1				3	
Bishop Woods	1	1	1		1				1	2	1	1				2	
Brennan-Rogers 4-8	1	1	1						3	2			1			2	
Brennan-Rogers K-3					1		1					1					
Celantano	1	1							2	3	1	1	1		1		
Clemente		1	2						1	4	1	1			3	3	
Conte	2		3	1						1						1	
Daniels	1	1	2	1						3	1	1			1	4	
Davis	1	3	1	1	2					4		1			3	4	
East Rock	1	2	1	1					3	3	1	1				2	
Edgewood	1	1	1	1						2		1				1	
Hill Central	1	1		1						3	1	0.5				0.5	
Jepson	1	1	1	1						3	1	1			2	3	
King Robinson	1	1	1	2	1					2	1	1				2	
Martinez	1	1	1	1	1					2	1	1				1	
Mauro-Sheridan	1	2	2		1		2			5	1					3	
Ross Woodward	1	1	2							3	1				1	2	
Truman	2	2	1	1						2	1	1			2	2	
Cat-3 Sub-Total	19	22	22	12	8	0	6	0	10	50	13	15	2	0	17	37	4

School Name	SUPPORT SPACES (Presence Y/N): Admin. Suite	Nurse Suite	School-Based Health Clinic	Dental Room	Guidance Suite	Faculty Work Room	Magnet Resource Teacher	Parent Resource	Available Seats by Contract	Study Capacity	Utilization (Based on Study Capacity)	Remarks
										95%		
Bassett	Y	Y	Y			Y			505	480	54%	Library/ MC serves as a STEM Lab. Need to verify capacity, currently based on values provided by Barnard
BOMUS	Y	Y				Y			459	436	75%	
Dr. Mayo	Y	Y	Y						566	538	58%	Multi-Use space is the Gross Motor Room. Computer Lab is for adult/ parent use, not student use. Art and Music are "on a cart".
Quinnipiac									0	0	0%	Building currently closed
West Rock									0	0	0%	Building currently closed
Cat-1 Sub-Total	0	0	0	0	0	0	0	0	**1530**	**1,454**	**62%**	
										95%		
Clinton	Y	Y	Y			Y			663	630	72%	Computer Lab currently used as an ESSER Classroom. "Other" Academic Specials Space is READ 180.
FAME	Y	Y				Y			554	526	84%	Computer Lab and Music Room are currently being used as ESSER classroom; World Language room has 12 student capacity; ESL room has 8 student capacity; Tutoring occurs in hallways or Library/MC; Math/Literacy share a small space;
Fair Haven	Y	Y	Y			Y			1047	995	69%	Unassigned Classrooms are two "Newcomer Classrooms" with a capacity of 22 studentes each. Survey noted that the PE locker rooms are not used during the normal day. "Other" space tallied under Academic Specials is a "Digital Arts" classroom. "Intervention" spaces tallied under SPED are School Psychologist and School Social Worker, one of each.
Hooker (K-2)	Y	Y				Y			144	137	88%	
Hooker (3-8)									324	308	81%	
Nathan Hale	Y	Y				Y			588	559	97%	Tutor space is "READ 180".
Troup	Y	Y	Y			Y			537	510	79%	Speech and Coach activities occur in offices
Wexler-Grant	Y	Y				Y			483	459	59%	
Cat-2 Sub-Total	0	0	0	0	0	0	0	0	**4340**	**4,124**	**77%**	
										95%		
Barnard	Y	Y	Y	Y		N			652	619	74%	"Other" Academic Specials include: Nature Center (2) and Robotics (1)
Beecher	Y	Y				Y			536	509	94%	
Bishop Woods	Y	Y	Y	Y		Y		Y	510	485	91%	Resource room converted to ESL room; One coach uses book room; Spaces not tallied in summary: Tutoring occurs in hall; Truancy and Family coordinator share an office; Social worker has an office, Clifford Beers has an office and Alive has a work room; Shared office between PT counselor and PT psychologist
Brennan-Rogers 4-8	Y	Y	Y	Y		Y			369	351	48%	Unassigned classrooms are currently: Swing, ISS and school counselor
Brennan-Rogers K-3	Y					Y			365	347	48%	Grades 3 & 4 are combined and departmental,based on enrollment carried 2 classrooms for 3rd and 3 classrooms for 4th; Lower school MC is currently being used as a classroom; "Other" Academic space is "Read 180" room; 1 ESSR teacher's class load not included in max no. of students
Celantano	Y	Y			Y	Y			448	426	88%	
Clemente	Y	Y	Y			Y			643	611	66%	World Language being taught in the Cafeteria
Conte	Y	Y			Y	Y			816	775	76%	Read 180 space is shared with World Language. ESL & Speech taught in office space. One office space houses 3 Coaches.
Daniels	Y	Y				Y			536	509	97%	Band classes are taught in the Auditorium; Music room being used as ESSER class; World Language classes taught in students' homeroom
Davis	Y	Y	Y			Y			519	493	97%	
East Rock	Y	Y							626	595	81%	Computer Lab is currently used as a 2nd Gr. ESSER Classroom. Art room is currently used as a 3rd Gr. ESSER Classroom. Stage used as a General Music Classroom. One Music Classroom being used as a 1st Gr. ESSER Classroom. World Language classroom being used for Art. STEM/Maker Space programming taught in the Library/MC. Speech room is an office.
Edgewood									468	445	88%	School has a combined Gym and Cafeteria. Cafeteria dining space is half the gym sub-divided by a partition. Gym side contains the platform/stage. Science room is a MS classroom, not a science lab, World Language is taught in the library. MLL and Tutoring is conducted in the corridors. Lit & Math Coaches share an office. School social worker has an office. Faculty workroom is also the faculty luch room.
Hill Central	Y	Y	Y			Y			555	527	79%	* Cafeteria Platform/ Stage shared with Gym Platform/Stage. Library/MC is shared by several tutors and teachers including World Language, TAG, Vision tutors, academic tutors and Occupational Therapy. Former computer lab is used as a World Language classroom all-day. Science taught in general classrooms, no dedicated science classrooms.
Jepson	Y	Y				Y			519	493	101%	
King Robinson		Y	Y			Y			502	477	86%	
Martinez	Y	Y	Y			Y			519	493	95%	2 out of 3 PreK Classrooms currently being used
Mauro-Sheridan	Y	Y	Y			Y		Y	679	645	78%	One General Music and one Band room. Two "Other " Specials spaces are "Video Lab" and "Applied Tech Room", both of which are used for magnet enrichment and TAG. ESL taught in an office. Speech and Tutoring taught in Resource Rooms, Offices, Library, Classrooms and Hallways. Faculty Workroom uses an originally planned small Resource Room and Parent Resource uses the originally planned Faculty Workroom.
Ross Woodward	Y	Y				Y			832	790	76%	Computer Lab is within the Library/Media Center. Music space is a Band room, no instructional music space. Science spaces are two labs. ESL taught in the back of a science lab. Tutor in a former PE closet.
Truman									637	605	79%	4/18/23: One General Music and one Band room. ESL, Speech, Tutor and Coach spaces are small offices
Cat-3 Sub-Total	0	0	0	0	0	0	0	0	**10731**	**10,195**	**81%**	

New Haven Public Schools - Existing Room Inventory, Utilization and Capacity Summary

School Age Legend
<10 Years
10-14 Years
15-20 Years
21-109 Years

Existing Room Inventory

School information

School Age & Type			School Name	SF Area (City doc)	Address	Current Enrollment (10/1/2022) SDE	Existing Classroom Inventory (Academic CR's + Self-Contained
			Category-4 - Middle Schools				
2002	New	20	Betsy Ross Arts Magnet Sch	98,475	150 Kimberly Ave	326	22
			Cat-4 Sub-Total	**98,475**		**326**	**22**
			Category-5 - Magnet Middle/ High & Comprehensive High Schools				
1998	New	24	Career (Hill Regional)	165,000	140 Legion Ave	642	54
2009	New	13	Co-Op	145,000	177 College Street	552	27
2015	New	7	ESUMS	109,186	500 Boston Post Rd	594	15
2002	Reno	20	Hillhouse	216,000	480 Sherman Parkway	1109	57
1995	Orig	27	HSC	72,000	175 Water Street	280	18
2010	New	12	MBA	78,768	115 Water St	403	22
2015	New	7	NHA	67,100	444-448 Orange St	327	19
2018	Orig	4	Riverside	30,400	560 Ella T Grasso Blvd	99	9
1989	Orig	33	SOUND-Anderson	3,926	South Water St & Sea St		0
2001	New	21	SOUND-Aquaculture	38,136	17 Sea Street	340	27
1989	Orig	33	SOUND-Emerson	7,425	82 South Water St		0
1989	Orig	33	SOUND-McNeil	3,839	60 South Water St		0
1989	Orig	33	SOUND-Thomas	10,215	40 South Water St		0
2003	Reno	19	Wilbur Cross	258,300	181 Mitchel Drive	1601	79
			Cat-5 Sub-Total	**1,205,295**		**5947**	**327**

ACADEMIC CLASSROOMS MS/HS

School Name	Language Arts/ English	Math	Social Studies	World Language	Physics Class/ Lab	Earth Science Class/ Lab	Biology Class/ Lab	Chemistry Class/ Lab	Aqua Science Lab	Business Classroom	Creative Writing	Allied Health Classroom	Unassigned	
Betsy Ross Arts Magnet Sch	5.5	5.5	5.5	1		2.5	2							
Cat-4 Sub-Total	5.5	5.5	5.5	1	0	2.5	2	0	0	0	0	0	0	0
Career (Hill Regional)	9	10	9	10	1	2	2	2		8		1		
Co-Op						1	2	2			2		20	
ESUMS		10	5											
Hillhouse	13	13	12	8	1	4	3	2						
HSC	4	4	3	2	1		1	1					2	
MBA	4	4	3	4	1	2	1			3				
NHA	4	5	4	2	1	1	1	1						
Riverside	2	2	2	1	0	0	1	1					0	
SOUND-Anderson														
SOUND-Aquaculture	5	5	4	4		2	2	1	4					
SOUND-Emerson														
SOUND-McNeil														
SOUND-Thomas														
Wilbur Cross					1	3	3	3					67	
Cat-5 Sub-Total	41	53	42	31	6	15	16	13	4	11	2	1	89	

SHARED/ COMMON SPACES

School Name	Gym	Gym Platform/ Stage	Multi-Purpose	Running Track (Interior)	Boys PE Locker Room	Girls PE Locker Room	Non-Binary PE Locker Room	Boys Athletic Locker Room	Girls Athletic Locker Room	Non-Binary Athletic Locker Room	Weight Room	Cafeteria	Cafeteria Platform/ Stage	Cooking Kitchen	Warming Kitchen	Library/ MC	Computer Lab	Auditorium w/ Stage	Pool
Betsy Ross Arts Magnet Sch	1				1	1						1		1		1	1	1	
Cat-4 Sub-Total	1	0	0	0	1	1	0	0	0	0	0	1	0	1	0	1	1	1	0
Career (Hill Regional)	1		1	1	1	1		1	1		1	1		1		1	1	1	1
Co-Op	1				1	1		1	1			1		1	1				
ESUMS	1				1	1						1			1	4	2	1	
Hillhouse	1				1	1						1		1		1		1	
HSC	1				1	1						1		1		1			
MBA	1				1	1						1		1		4	1		
NHA	1				1							1			1	1	2	1	
Riverside	0		1									1		1					
SOUND-Anderson																			
SOUND-Aquaculture												1		1		1			
SOUND-Emerson																			
SOUND-McNeil																			
SOUND-Thomas																			
Wilbur Cross	2				1	1		1	1			1		1	1	4	4		
Cat-5 Sub-Total	9	0	2	1	8	7	0	3	3	0	1	10	0	8	4	17	10	4	1

SCHOOL ACADEMIC SPECIALS SPACES MS/HS

School Name	2D-Art	3D-Art	Graphic Arts/ Computer Lab	Ceramics	Choral	Band	Orchestra	General Music	MIDI Lab (Keyboards)	Video Arts	Photography/ Dark Room	Dance	Black-Box Theater	TV Production	STEM Maker Space	Art Gallery	Lecture Hall	Health Classroom	CTE Oceanography	CTE Pathway Business	CTE Print Shop	CTE Pathway Construction	CTE Woodworking	CTE Automotive	CTE Pathway Culinary	CTE Pathway Manufacturing
Betsy Ross Arts Magnet Sch	1			1	1	1	1			1	1	1	1													
Cat-4 Sub-Total	1	0	0	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Career (Hill Regional)					1			1										1								
Co-Op	2		1	1	1	1	1		1			2	1	1		1	1									
ESUMS	1					1		1							1			1								
Hillhouse	1		1			1												2		3		2			2	2
HSC	1							1							1			1								
MBA			3											1			1									
NHA	1																			1						
Riverside	1																									
SOUND-Anderson																										
SOUND-Aquaculture																			7							
SOUND-Emerson																										
SOUND-McNeil																										
SOUND-Thomas																										
Wilbur Cross	3		1		1	1															1		1	1		
Cat-5 Sub-Total	10	0	6	1	3	4	1	3	1	0	0	2	1	2	2	1	2	5	7	4	1	2	1	1	2	2

SPECIAL EDUCATION/ STUDENT SUPPORT SPACES and SUPPORT SPACES (Presence Y/N)

School Name	SPED / Self-Contained CR	Resource	ESL/Bi-Lingual Classroom	Speech	OT/PT	Life Skills Classroom/ Lab	Tutor	Coaches	Intervention	Admin. Suite	Nurse Suite	School-Based Health Clinic	Dental Room	Guidance Suite	Faculty Work Room	Magnet Resource Teacher	Parent Resource
Betsy Ross Arts Magnet Sch		3		1				1		Y	Y			Y	Y		
Cat-4 Sub-Total	0	3	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Career (Hill Regional)		1								Y	Y	Y		Y	Y		
Co-Op		1								Y	Y			Y	Y		
ESUMS		1						1		Y	Y			Y	Y		
Hillhouse	1	6	5	1		2				Y	Y	Y			Y		
HSC		2	1	1			1			Y	Y				Y	Y	
MBA		3	1							Y	Y			Y	Y		
NHA		3								Y	Y			Y	Y		
Riverside		2		1						Y	Y			Y	Y		
SOUND-Anderson																	
SOUND-Aquaculture		2								Y	Y			Y	Y		
SOUND-Emerson																	
SOUND-McNeil																	
SOUND-Thomas																	
Wilbur Cross	2			1	1			3		Y	Y	Y		Y	Y		
Cat-5 Sub-Total	3	21	7	4	1	2	1	4	0	0	0	0	0	0	0	0	0

Capacity and Remarks

School Name	Available Seats by Contract	Study Capacity	Utilization (Based on Study Capacity)	Remarks
Category-4 - Middle Schools		72%		72% assumes general classrooms are utilized 5 out of 7 periods per day
Betsy Ross Arts Magnet Sch	581	418	78%	Language Arts/ English and Social Studies classrooms: 1 class split half day use for ELA and SS. Math/Schience classrooms: 1 class split half day math and science. World Language teachers use other classrooms when they are on planning time. Earth Science: 1 Lab and 2 Classrooms. Biology: 1 Lab and 1 Classroom. Video Arts room is located in the Library.
Cat-4 Sub-Total	**581**	**418**	**78%**	
Category-5 - Magnet Middle/ High & Comprehensive High Schools		72%		72% assumes general classrooms are utilized 5 out of 7 periods per day
Career (Hill Regional)	1437	1,035	62%	
Co-Op	714	514	107%	
ESUMS	616	616	96%	PJG changed to 6-12 grade configuration at 88 students per grade, as indicated on survey. Aligns with SDE Design Enrollment submitted to state.
Hillhouse	1509	1,086	102%	Guidance is not a traditional suite, but individual offices dispersed. Faculty workrooms, one on each floor for a total of 3.
HSC	477	343	82%	Old computer lab converted to "Tech Management" space; Kitchen space on 2nd floor currently used as COVID isolation space; Have one music/band/chorus room; Maker Space is part of the Library/MC; "Other" Academic Specials spaces include: Energy & sustainable Design Lab and Courtoom; SPED Spaces: ESL Classroom: TESOL classes are taught in the full-sized Read 180/System 44/TESOL Classroom, which is counted for school capacity; Speech taught in Courtroom suite office; Tutoring conductd in the Learning Lab; PT Psychologist uses Courtroom suite office; Admin Suite: PA system doesn't reach offices and no sink or rest room in suite; Nurse Suite is an office and bathroom; No guideance suite, one counselor office in Admin suite.
MBA	582	419	96%	
NHA	501	361	91%	CTE Pathways space type not specified, placed tick in "Business"
Riverside	237	171	58%	"Other" in "Academic Specials" is a Health classroom; Speech room is a shared space with clinician; Guidance is a small office space; Faculty Work Room is a small space with a computer
SOUND-Anderson				Specialty teaching facility
SOUND-Aquaculture	432	311	109%	Primary classroom building
SOUND-Emerson				Specialty teaching facility
SOUND-McNeil				Specialty teaching facility
SOUND-Thomas				Specialty teaching facility
Wilbur Cross	2103	1,514	106%	CTE Business is the Print Shop
Cat-5 Sub-Total	**8608**	**6,370**	**93%**	

Appendix C

School Capacity Questionnaire

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME: BARACK OBAMA MAGNET
SCHOOL ADDRESS: 69 FARNHAM AVE.
PRINCIPAL NAME: JAMIE BAKER **PHONE NO./ EMAIL** JAMIE.BAKER@NEW-HAVEN.K12.CT.US

	Grade Level Classrooms:	No. of Classrooms	2021-22 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
	Pre-K:	3	60	60	20 PER CLASS
	Kindergarten:	3	52	75	Assumes each K classroom can support 20 students
	First Grade:	3	55	78	Assumes each 1st Gr classroom can support 20 students
	Second Grade:	3	45	78	
	Third Grade:	3	61	78	
	Fourth Grade:	3	56	78	
	Fifth Grade:	0	0	0	
PK-8 ONLY	Sixth Grade:	0	0	0	
PK-8 ONLY	Seventh Grade:	0	0	0	
PK-8 ONLY	Eighth Grade:	0	0	0	
	Unassigned Classrooms:				

	Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
	Gymnasium:	Y	1		
	Gym Platform/Stage:	N	0		
	Multi-purpose:	N	0		
PK-8 ONLY	Boys PE Locker Room:	N	0		
PK-8 ONLY	Girls PE Locker Room:	N	0		
PK-8 ONLY	Non-Binary PE Locker Room:	N	0		
PK-8 ONLY	Boys Athletic Locker Room:	Y	1		
PK-8 ONLY	Girls Athletic Locker Room:	Y	1		
PK-8 ONLY	Non-Binary Athletic Locker Room:	Y	1		
	Cafeteria:	Y	1	2	
	Cafeteria Platform/Stage:	Y	1		
	Cooking Kitchen:	N	0		
	Warming Kitchen:	Y	1		
	Library/ MC:	Y	1		
	Computer Lab:	N	0		
	Auditorium with Stage:	N	0		
	Other:				
	Other:				
	Other:				

	Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
	Art:	Y	1		
	Music:	Y	1		
	Science:	N	0		
	World Language:	Y	0		
	STEM/ Maker Space:	Y	1		
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	2	40	20 PER CLASS
Resource Rooms:	Y	1	6	
ESL:	Y	1		
Speech:	Y			PART TIME
Tutor:	N			
Coaches:	Y	2		
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y			list any space deficiencies within the suite
Nurse Suite:	Y			list any space deficiencies within the suite
School-Based Health Clinic:	N			list any space deficiencies within the suite
Faculty Work Room:	Y	2		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Barnard			
SCHOOL ADDRESS:	170 Derby			
PRINCIPAL NAME:	Mr. McCain	**PHONE NO./ EMAIL**	475-220-3500	robert.mccain@nhboe.net

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	3	56	60	
	Kindergarten:	2	46	48	
	First Grade:	3	41	48	
	Second Grade:	3	58	72	Last Bubble Group - trying to eliminate it
	Third Grade:	3	47	48	
	Fourth Grade:	2	47	48	
	Fifth Grade:	2	45	48	
PK-8 ONLY	Sixth Grade:	3	40	72	
PK-8 ONLY	Seventh Grade:	2	40	48	
PK-8 ONLY	Eighth Grade:	3	57	72	
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1	2	
	Gym Platform/Stage:	N			
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	Y	1		
PK-8 ONLY	Girls PE Locker Room:	Y	1		
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1	4	
	Cafeteria Platform/Stage:	Y	1	1	
	Cooking Kitchen:	Y	1		
	Warming Kitchen:	N			
	Library/ MC:	N			
	Computer Lab:	N			
	Auditorium with Stage:	N			
	Robotics	Y	1	2	Maker Space/Robotics Lab/Tutoring
	Interventionists	Y	4	4	Small rooms/small goups
	Other:				

Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
Art:	Y	1	27	has Kiln in stoage closet
Music:	Y	1	27	Band and General Music Share
Science:	Y	1	27	Shared Space with Grade 7/8 Envir. Sci
World Language:	N			NA
STEM/ Maker Space:	Y	1	24	In Development in Robotics Center
Nature Center	Y	2	27	Underutilized - used for Yoga/Mindfulness
Other:				

Special Education:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**

Self-Contained Classrooms:	N			
Resource Rooms:	Y	3	15	Small Office Areas - Not really rooms
ESL:	Y	1	27	Welcoming Center
Speech:	Y	1	2	Tiny Office
Tutor:	Y	4	20	Three small rooms in Music Room/ 1 area in Robotics Room
Coaches:	Y	1	4	Shared by three coaches
Other:				
Other:				

Support Spaces:	**Y/N**	**No. of rooms**		**Remarks**
Administrative Suite	Y	3	8	Principal Office, Dean Office, ISS Room
Nurse Suite:	Y	3	6	Too small for number of students
School-Based Health Clinic:	Y	2	4	Part of Nurse Suite - office/exam room
Faculty Work Room:	N			list any space deficiencies within the suite
Dentist Room	Y	1	1	Closet coverted to Dentist room

General Comments:

Every possible space is being used in the building.

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	L.W. Beecher		
SCHOOL ADDRESS:	100 Jewell St		
PRINCIPAL NAME:	Kathy Beck	**PHONE NO./ EMAIL:**	

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	4	30	32	Assumes each PK classroom can support 16 students
	Kindergarten:	2	36	40	Assumes each K classroom can support 20 students
	First Grade:	2	42	48	Assumes each 1st Gr classroom can support 20 students
	Second Grade:	2	45	48	
	Third Grade:	2	44	48	
	Fourth Grade:	2	45	48	
	Fifth Grade:	2	48	48	
PK-8 ONLY	Sixth Grade:	2	47	48	
PK-8 ONLY	Seventh Grade:	2	48	48	
PK-8 ONLY	Eighth Grade:	2	48	48	
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	y			
	Gym Platform/Stage:	n			
	Multi-purpose:	n			
PK-8 ONLY	Boys PE Locker Room:	y			
PK-8 ONLY	Girls PE Locker Room:	y			
PK-8 ONLY	Non-Binary PE Locker Room:	n			
PK-8 ONLY	Boys Athletic Locker Room:	n			
PK-8 ONLY	Girls Athletic Locker Room:	n			
PK-8 ONLY	Non-Binary Athletic Locker Room:	n			
	Cafeteria:	y			
	Cafeteria Platform/Stage:	y			
	Cooking Kitchen:	y			
	Warming Kitchen:	y			
	Library/ MC:	y			
	Computer Lab:	n			
	Auditorium with Stage:				
	Other:				
	Other:				
	Other:				

Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
Art:	Y	1	26	
Music:	y	1	26	
Science:	y	1	26	
World Language:	y	1	26	
STEM/ Maker Space:	n			
Other:				
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	n	0		
Resource Rooms:	y	3		
ESL:	y	0		
Speech:	y	1		
Tutor:	y	0		
Coaches:	3	3		
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	y	2		list any space deficiencies within the suite
Nurse Suite:	y	3		list any space deficiencies within the suite
School-Based Health Clinic:	n			list any space deficiencies within the suite
Faculty Work Room:	y			list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

SCHOOL NAME:	etsy Ross Arts Magnet			
SCHOOL ADDRESS:	150 Kimberly Ave			
SCHOOL SCHEDULE:	6 Periods			
PRINCIPAL NAME:	Jennifer Jenkins	**PHONE NO./ EMAIL**	(475)220-5300	jennifer.jenkins@new-haven.k12.ct.us

General Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
Language Arts/ English:	5.5	Grade 5: 62	Grade 5: 100	1 class is split half day use for ELA and half day SS.
Math:	5.5	Grade 6: 63	Grade 6: 125	1 Class split half day math and half day science
Social Studies:	5.5	Grade 7: 96	Grade 7: 125	1 class split half day ELA andhald day SS
World Language:	1	Grade 8: 107	Grade 8: 125	WL teachers use other rooms when on planning time
Physics Class/Lab:	0	Total: 328	Total: 475	
Earth Science Class/Lab:	2.5			1 Lab and 2 classrooms with no lab
Biology Class/Lab:	2			Lab and classroom
Chemistry Class/Lab:	0			
Unassigned Classrooms:				
Other:				
Other:				

Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
Gymnasium:	Y	1	1	
Multi-purpose:	N	0	0	
Boys PE Locker Room:	Y	1		
Girls PE Locker Room:	Y	1		
Non-Binary PE Locker Room:	N	0		
Boys Athletic Locker Room:	N	0		
Girls Athletic Locker Room:	N	0		
Non-Binary Athletic Locker Room:	N	0		
Cafeteria:	Y	1	4	
Cooking Kitchen:	Y	1		
Warming Kitchen:	N	0		
Library/ MC:	Y	1	2	
Computer Lab:	Y	1	1	
Auditorium with Stage:	Y	1	1	
Other:				
Other:				
Other:				

Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
2D-Art:	Y	1	15	
3D-Art	N	0	0	
Graphic Arts/ Computer Lab:	N	0	0	
Ceramics:	Y	1	12	With Kiln
Choral:	Y	1	30	
Band:	Y	1	40	
Orchestra:	Y	1	30	

General Music:	N	0	0	
MIDI Lab (Keyboards):	N	0	0	
STEM/ Maker Space:	N	0	0	
Health Classroom:	N	0	0	
CTE/ Pathway Space:	N	0	0	
CTE/ Pathway Space:	N	0	0	
CTE/ Pathway Space:	N	0	0	
Vidoe Arts	Y	1	12	Room in is the Library
Other: Photography	Y	1	12	Dark Room
Other: Dance	Y	2	18	Dance Studio with wood floors
Other: Theater	Y	2	14	One room is a Black Box Room

Special Education:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
Self-Contained Classrooms:	N	0		
Resource Rooms: (pull-out instruction)	Y	3		
ESL/ Bi-Lingual Classroom:	N	0		
OT/PT Room:	N	0		
Life Skills Classroom/ Lab:	N	0		Indicate if separate lab and classrooms
Speech:	Y	1		
Tutor:	N	0		
Coaches:	Y	1		
Other:				
Other:				

Support Spaces:	**Y/N**	**No. of rooms**		**Remarks**
Administrative Suite	Y			Main Office, Principals Office, Arts Coordinator, Staff Bathroom
Nurse Suite:	Y			Nurse Office, Isolation Room, Exam Room, Bathroom
School-Based Health Clinic:	N			
Guidance Suite:	Y			Guidance Office Only
Faculty Work Room:	Y	1		Eating/Work Room

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME: Bishop Woods Architecture & Design Magnet
SCHOOL ADDRESS: 1481 Qinnipiac Ave
PRINCIPAL NAME: Flo Crisci **PHONE NO./ EMAIL:** 475-220-7300 florence.crisci@new-haven.k12. ct.us

	Grade Level Classrooms:	No. of Classrooms	2022-23 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
	Pre-K:				
	Kindergarten:	2	52	48	Assumes each Kindergarten classroom can support 20 students
	First Grade:	2	51	48	Assumes each 1st Gr classroom can support 20 students
	Second Grade:	2	50	52	district max for grades K, 1, 2 are 52 students per classroom SLAM revised the district max value at left to match the value provided in the remarks column
	Third Grade:	2	51	54	district max for grades 3-8 are 54 students per SLAM revised the district max value at left to match the value provided in the remarks column for grades 3-8
	Fourth Grade:	2	48	54	district max for grades 3-8 are 54 students per
	Fifth Grade:	2	49	54	district max for grades 3-8 are 54 students per
PK-8 ONLY	Sixth Grade:	2	54	54	district max for grades 3-8 are 54 students per
PK-8 ONLY	Seventh Grade:	2	52	54	district max for grades 3-8 are 54 students per
PK-8 ONLY	Eighth Grade:	2	45	54	district max for grades 3-8 are 54 students per
	Unassigned Classrooms:	1		27	1 read 180, 2 resource rooms, 1 self contained classroom 11/29 Arch comment: will carry one (1) full sized unassigned classroom, since read 180 and resource rooms are student support spaces and don't contribute to building capacity. SLAM adjusted the quantity to 1 and carried 27 for capacity in that classroom at left

	Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
	Gymnasium:	y	1		SLAM added "1" in the "No. of Rooms" column to correspond with the "Y" as reported, typcial all lines with "1" in this category
	Gym Platform/Stage:	N			
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	Y	1		
PK-8 ONLY	Girls PE Locker Room:	Y	1		
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1		
	Cafeteria Platform/Stage:	Y	1		

Cooking Kitchen:	N			
Warming Kitchen:	Y	1		
Library/ MC:	Y	1		
Computer Lab:	N			
Auditorium with Stage:	N			
Other:				
Other:				
Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
Art:	Y	1		
Music:	Y	1		
Science:	Y	1		
World Language:	N			
STEM/ Maker Space:	Y	1		
Other:				
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	y	1		
Resource Rooms:	y	2		
ESL:	y	1		resource room turned into ESL room
Speech:	y	1		
Tutor:	y			no room space in hall
Coaches:	y	2		one uses an office other uses book room
Other:	y			truancy and Family coordinator share office
Other:	y	3		Social worker has office, clifford beers has office, alive has a work room
Other:	y	1		office shared with part time counselor and part time school psychologist

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	2		office and small conference room
Assistant Principal	Y			
Nurse Suite:	Y			nurse shares space with school based Health clinic
School-Based Health Clinic:	Y			has half of nurses office
In house suspension	Y			
Faculty Work Room:	Y	3		

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME: Brennan-Rogers
SCHOOL ADDRESS: 199 / 200 Wilmot Rd
PRINCIPAL NAME: Kimberly Daniley **PHONE NO./ EMAIL:** 475.220.2200 / kimberly.daniley@new-haven.k12.ct.us

	Grade Level Classrooms:	No. of Classrooms	2021-22 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
	Pre-K:	2	Pre-K3:7 / Pre-K4:14 Total: 21	40	
	Kindergarten:	2	46	54	
	First Grade:	3	36	54	1 ESSR teacher's class load not included in max no. of students
	Second Grade:	3	35	54	1 ESSR teacher's class load not included in max no. of students
	Third Grade:	5	30	54	3/4 grades are combined and departmental
	Fourth Grade:	0	42	54	1 ESSR teacher's class load not included in max no. of students
	Fifth Grade:	2	53	54	
PK-8 ONLY	Sixth Grade:	2	33	54	
PK-8 ONLY	Seventh Grade:	2	39	54	
PK-8 ONLY	Eighth Grade:	3	53	81	
	Unassigned Classrooms:	3		54	1 Upper School classroom is a swing space 1 Upper School classroom is an ISS room 1 Upper School classroom is used by the school counselor

	Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
	Gymnasium:	Y	1		
	Gym Platform/Stage:	Y	1		
	Multi-purpose:	Y	1		
PK-8 ONLY	Boys PE Locker Room:	N	0		
PK-8 ONLY	Girls PE Locker Room:	N	0		
PK-8 ONLY	Non-Binary PE Locker Room:	N	0		
PK-8 ONLY	Boys Athletic Locker Room:	N	0		
PK-8 ONLY	Girls Athletic Locker Room:	N	0		
PK-8 ONLY	Non-Binary Athletic Locker Room:	N	0		
	Cafeteria:	Y	2	3 per cafeteria	
	Cafeteria Platform/Stage:	N	0		
	Cooking Kitchen:	Y	2		Kitchen has cooking and warming areas
	Warming Kitchen:	Y	2		See Above
	Library/ MC:	Y	2		Lower School library is currently being used as classroom
	Computer Lab:	Y	1		in Upper School
	Auditorium with Stage:	N	0		
	Other: Conference Room	Y	1		Currently used for tutor
	Other:				
	Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
Art:	Y	1		In Upper School
Music:	Y	1		In Upper School
Science:	Y	1		In Upper School
World Language:	N	0		
STEM/ Maker Space:	Y	1		In Lower School
Other: Read180	Y	1		In Upper School
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	3		
Resource Rooms:	Y	2		
ESL:	N	0		
Speech:	Y	1		1 small office used as a speech room in Lower School
Tutor:	Y			Used as OT space
Coaches:	Y	2		2 coaches offices
Other: Sensory Room	Y	1		Also used for PT
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite:	Y	1		list any space deficiencies within the suite
Nurse Suite:	Y	5		Nurse and SBHC Suites are in the same area Nurse's suite offices include Social Worker, School Psychologist, and Speech Offices *Moldy ceiling tile in nurse's office and 1 sink doesn't work in school psychologist's office
School-Based Health Clinic:	Y	3		Includes Cornell-Scott social work, dental office, and office for APRN (vacancy)
Faculty Work Room:	2			1 in Lower School and 1 in Upper School
Admin Office:	1			Small classroom in 7/8 wing
Conference Room:	1			in Upper School

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

HIGH SCHOOL NAME: Hill Regional Career
SCHOOL ADDRESS: 140 Legion Ave NH.
SCHOOL SCHEDULE: Indicate the # of periods per day — 4 Blocks per day
PRINCIPAL NAME: Shawn A. True — **PHONE NO./ EMAIL:** 475-220-5000 shawn.true@new-haven.k12.ct.us

General Classrooms:	No. of Classrooms	2021-22 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks	
Language Arts/ English:	9	9th-200, 10th- 175, 11th- 157, 12th-120	9th-270, 10th- 216, 11th- 189, 12th-135	Shared Classrooms with other subject areas Senior Capstone Class-120 Students, English Electives- 83 Students, Reading Intervention Class- 70 Students	
Math:	10	9th- 226, 10th- 171, 11th- 157, 12th-116	27 students in a class	Shared Classrooms with other subject areas	We have students across all grade levels in these classes and also have AP classes with Interventions and Elective Math Classes
Social Studies:	9	9th- 201, 10th- 190, 11th- 218, 12th-163	27 students in a class	Shared Classrooms with other subject areas	also have AP classes with half year elective courses throughout all grade levels
World Language:	10	9th-292, 10th-235, 11th-126, 12th-36	27 students in a class	Shared Classrooms with other subject areas	AP course accounted for across grade levels
Physics Class/Lab:	1	9th-o, 10th-2, 11th-5, 12th-13	24 students in a class	Labs are inside of classroom	
Earth Science Class/Lab:	2	9th-159, 10th-4, 11th-1, 12th-1	24 students in a class	Labs are inside of classroom Phi Chem Classes included in this count	
Biology Class/Lab:	2	9th-18, 10th-167,	24 students in a	Labs are inside of classroom, AP, Anatomy/Psychology,	
Chemistry Class/Lab:	2	9th-4, 10th-13,	24 students in a	Labs are inside of classroom,AP and Forensic Science	
Unassigned Classrooms:	0				
Other: Business	8	9th-186, 10th-235, 11th-247, 12th-203	27 students in a class	Manufacturing classes share with Business classrooms Business electives	
Other: Allied Health Sciences	1	9th-2, 10th-50, 11th-43, 12th-20	24 students in a class	Medical Careers classes included in this count	

Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
Gymnasium:	Yes	1		
Multi-purpose:	Yes	1		
Boys PE Locker Room:	Yes	1		
Girls PE Locker Room:	Yes	1		
Non-Binary PE Locker Room:	No			
Boys Athletic Locker Room:	Yes	1		
Girls Athletic Locker Room:	Yes	1		
Non-Binary Athletic Locker Room:	No			
Cafeteria:	Yes	1		
Cooking Kitchen:	Yes	1		
Warming Kitchen:				
Library/ MC:	Yes	1		
Computer Lab:	Yes	1		Computers in the Library/ Laptop Carts available
Auditorium with Stage:	Yes	1		
Other: Upstairs Track above Gym		1		
Other: Pool		1		
Other: Weight Room		1		

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
2D-Art:	No			
3D-Art	No			
Graphic Arts/ Computer Lab:	No			
Ceramics:	No			
Choral:	Yes	1		In the Music Room
Band:	No			
Orchestra:	No			
General Music:	Yes	1		In the Music Room
MIDI Lab (Keyboards):	No			
STEM/ Maker Space:	No			
Health Classroom:	Yes	1		Room 200
CTE/ Pathway Space:				Indicate CTE/Pathway space name
CTE/ Pathway Space:				Indicate CTE/Pathway space name
CTE/ Pathway Space:				Indicate CTE/Pathway space name
CTE/ Pathway Space:				Indicate CTE/Pathway space name
Other:				

Other:				
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	No	0		
Resource Rooms: (pull-out instruction)	Yes	1		3 Teachers share this space
ESL/ Bi-Lingual Classroom:	Yes			Shared classrooms with History and World Languages
OT/PT Room:	No			
Life Skills Classroom/ Lab:	No			Indicate if separate lab and classrooms
Speech:	No			
Tutor:	No			
Coaches:	No			
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Yes			list any space deficiencies within the suite
Nurse Suite:	Yes			list any space deficiencies within the suite
School-Based Health Clinic:	Yes			list any space deficiencies within the suite
Guidance Suite:	Yes			list any space deficiencies within the suite
Faculty Work Room:	Yes	1		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Celentano			
SCHOOL ADDRESS:	400 Canner Street			
PRINCIPAL NAME:	Yolanda Jones-Gene	**PHONE NO./ EMAIL**	475-220-3400	yolanda.generette@new-haven.k12.ct.us

Grade Level Classrooms	No. of Classrooms	2021-22 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
Pre-K	2	37	40	
K	2	41	44	
Grade 1	2	40	44	
Grade 2	2	33	44	
Grade 3	2	38	44	
Grade 4	2	32	44	
Grade 5	2	45	44	This is 1 student over the maximum allowed.
Grade 6	2	34	44	
Grade 7	2	43	44	
Grade 8	2	41	44	
Other:				

Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
Gymnasium:	Y	1		
Gym Platform/Stage	N			
Multi-purpose:	N			
Boys PE Locker Room:	N			
Girls PE Locker Room:	N			
Non-Binary PE Locker Room:	N			
Boys Athletic Locker Room:	N			
Girls Athletic Locker Room:	N			
Non-Binary Athletic Locker Room:	N			
Cafeteria:	Y	1	3 LUNCH WAVES	
Cafeteria Platform/Stage	Y	1		
Cooking Kitchen:	Y	1		
Warming Kitchen:	Y	1		
Library/ MC:	Y	1	22	This space is used for the Discovery Lab
Computer Lab:	Y	1	22	
Auditorium with Stage:	N			
Other:				
Other:				
Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
Art	Y	1	22	
Music	Y	1	22	
STEM/Discovery Lab	Y	1	22	
Other:				
Other:				
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	2	28	14 per room. This is 3 over the maximum for each classroom.
Resource Rooms: (pull-out instruction)	Y	3	15	
ESL/ Bi-Lingual Classroom:	Y	1	8	
OT/PT Room:	Y	1	2	
Speech:	Y	1	4	
Tutor:	Y	1	5	
Coaches:	N			
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	1		
Nurse Suite:	Y	3		
School-Based Health Clinic:	N			
Guidance Suite:	Y	1		
Faculty Work Room:	Y	1		

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME: Clemente
SCHOOL ADDRESS: 360 Columbus Avenue
PRINCIPAL NAME: Mia Duff **PHONE NO./ EMAIL:** 475-220-7600 mia.edmonds-duff@new-haven.k12.ct.us

	Grade Level Classrooms:	No. of Classrooms	2021-22 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
	Pre-K:				
	Kindergarten:	2	37	48	
	First Grade:	3	33	72	
	Second Grade:	3	53	72	
	Third Grade:	3	52	72	
	Fourth Grade:	2	51	48	
	Fifth Grade:	3	49	72	
PK-8 ONLY	Sixth Grade:	3	47	72	
PK-8 ONLY	Seventh Grade:	2	54	48	
PK-8 ONLY	Eighth Grade:	3	54	72	
	Unassigned Classrooms:				

	Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
	Gymnasium:	Y	1		
	Gym Platform/Stage:	N			
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	Y	1		
PK-8 ONLY	Girls PE Locker Room:	Y	1		
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1	5	
	Cafeteria Platform/Stage:	Y	1		
	Cooking Kitchen:	N			
	Warming Kitchen:	Y	1		
	Library/ MC:	Y	1		
	Computer Lab:	Y	1		
	Auditorium with Stage:	N			
	Other:				
	Other:				
	Other:				

	Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
	Art:	Y	0		
	Music:	Y	1		
	Science:	Y	2		
	World Language:	Y	0		Using the cafeteria
	STEM/ Maker Space:	N			
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	1		
Resource Rooms:	Y	4		One is a vacancy
ESL:	Y	1		
Speech:	Y	1		
Tutor:	Y	3		
Coaches:	Y	3		
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	2		list any space deficiencies within the suite
Nurse Suite:	Y	1		list any space deficiencies within the suite
School-Based Health Clinic:	Y	1		list any space deficiencies within the suite
Faculty Work Room:	Y	1		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Clinton Avenue			
SCHOOL ADDRESS:	293 Clinton Avenue			
PRINCIPAL NAME:	Dr. Jamie E Coady	**PHONE NO./ EMAIL**	475-220-3300	jamie.coady@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	0	0	0	No Pre K
	Kindergarten:	3	48	78	2 Regular Ed, 1 Biliteracy 26 max per classroom
	First Grade:	3	51	78	2 Regular Ed, 1 Biliteracy 26 max per classroom
	Second Grade:	3	49	78	2 Regular Ed, 1 Biliteracy 26 max per classroom
	Third Grade:	4	51	81	2 Regular Ed, 1 Biliteracy (4th classroom ESSER) 27 max per classroom
	Fourth Grade:	3	60	81	2 Regular Ed, 1 Biliteracy 27 max per classroom
	Fifth Grade:	3	47	54	27 per classroom Reg, Pullout Bilteracy
PK-8 ONLY	Sixth Grade:	2	52	54	27 per classroom
PK-8 ONLY	Seventh Grade:	2	54	54	27 per classroom
PK-8 ONLY	Eighth Grade:	2	46	54	27 per classroom
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1	2	Gym can be split
	Gym Platform/Stage:	Y	1	0	
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	Y			
PK-8 ONLY	Girls PE Locker Room:	Y			
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1	4	Lunch waves
	Cafeteria Platform/Stage:	N			
	Cooking Kitchen:	N	1		
	Warming Kitchen:	Y	1		
	Library/ MC:	Y	1	1	LMS uses half for classroom
	Computer Lab:	Y	1	1	Currently used as ESSER classroom
	Auditorium with Stage:	N			
	Other: Title I Parent Center	Y	1		District personnel
	Other: Conference Rooms	Y	2		Main office, SPED suite
	Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
Art:	Y	1	27	
Music:	Y	2	54	
Science:	Y	3	81	3 labs used as science classrooms not specials
World Language:	N			
STEM/ Maker Space:	N			
Other: Read 180	Y	1	16	Max enrollment in Read 180
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	1	unknown	Currently 13 students
Resource Rooms:	Y	4	unknown	1 shared with tutor space
ESL:	Y	1		shared with 5th grade Biliteracy
Speech:	Y	1	unknown	office
Tutor:	Y	1		shared with 1 resource
Coaches:	Y	2	unknown	
Other: Support Staff Offices	Y	7		AP, SW, BI, RI, Psych, PPT, Wellness
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	2		Main office (Principal's office, conference)
Nurse Suite:	Y	2		Isolation, office/exam
School-Based Health Clinic:	Y	3		office, exam, dental
Faculty Work Room:	Y	1		

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Conte West Hills			
SCHOOL ADDRESS:	511 Chapel Street			
PRINCIPAL NAME:	Kenneasha Sloley	**PHONE NO./ EMAIL**	475-220-5400	

	Grade Level Classrooms:	**No. of Classrooms**	**2022-23 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	2	30	32	
	Kindergarten:	3	49	78	
	First Grade:	3	57	78	
	Second Grade:	4	55	78	
	Third Grade:	3	54	81	
	Fourth Grade:	3	76	81	
	Fifth Grade:	3	61	81	
PK-8 ONLY	Sixth Grade:	3	67	81	
PK-8 ONLY	Seventh Grade:	4	72	81	Grade levels departmentalized
PK-8 ONLY	Eighth Grade:	4	63	81	Grade levels departmentalized
	Unassigned Classrooms:	0			

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1		
	Gym Platform/Stage:	N	0		
	Multi-purpose:	N	0		
PK-8 ONLY	Boys PE Locker Room:	Y	1		Shower and bathroom stalls rusted, walls peeling
PK-8 ONLY	Girls PE Locker Room:	Y	1		Shower and bathroom stalls rusted, walls peeling
PK-8 ONLY	Non-Binary PE Locker Room:	N	0		
PK-8 ONLY	Boys Athletic Locker Room:	Y			Same as PE Locker Room
PK-8 ONLY	Girls Athletic Locker Room:	Y			Same as PE Locker Room
PK-8 ONLY	Non-Binary Athletic Locker Room:	N	0		
	Cafeteria:	Y	1	4	
	Cafeteria Platform/Stage:	N	0		
	Cooking Kitchen:	Y	1	4	
	Warming Kitchen:	N	0		
	Library/ MC:	Y	1		Ventilation/Mold concern
	Computer Lab:	N			Computer lab currently used for additional classroom for the 2022-2023 schoolyear
	Auditorium with Stage:	Y			Lighting is a probelm. Has been on the list for 5 years for updating. 25% of seats need to be repaired or reupholstered
	Swimming Pool	Y	1		Pool closed and drained. Bid approved, walkthrough happened, contruction to start soon
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	Y	2		
	Music:	Y	0		K-4 teacher on a cart, Band teacher in hallway, 4-8 Gen Ed music in the auditorium

Science:	Y	3		exposed plugs in floor
World Language:	Y	1		
STEM/ Maker Space:	N	0		
Read 180	Y	1		Teacher currently sharing room with World Language Teacher
Other:				

Special Education:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
Self-Contained Classrooms:	N	0		
Resource Rooms:	Y	1	10	Currently used by 2 SPED TEACHERS
ESL:	Y	0		Office Space
Speech:	Y	0		Office space
Tutor:	N			Tutors seek available space to work with small groups
Coaches:	Y	3		One office technically a teachers room
Other:				
Other:				

Support Spaces:	**Y/N**	**No. of rooms**		**Remarks**
Administrative Suite	Y	1		list any space deficiencies within the suite
Nurse Suite:	Y	3		One cot room currently used for School Psych
School-Based Health Clinic:	N	0		
Faculty Work Room:	Y	1		
Guidance Suite	Y	1		Rugs need to be replaced all ripped with moldy smell

General Comments:

Majority of building 62 years old with a renovated K-1 wing completed in 2001 (22 years old). Based on walkthroughs, the building needs a number of interior and exterior repairs based on the age of the building.

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

HIGH SCHOOL NAME:	Co-Op High School			
SCHOOL ADDRESS:	177 College St			
SCHOOL SCHEDULE:	A/B Schedule (8 periods)			
PRINCIPAL NAME:	Val-Jean Belton	**PHONE NO./ EMAIL**	475.220.2400	

General Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
Language Arts/ English:				
Math:				
Social Studies:				
World Language:				
Physics Class/Lab:	0			Indicate if separate lab and classrooms
Earth Science Class/Lab:	1		25	Indicate if separate lab and classrooms
Biology Class/Lab:	2		25	Indicate if separate lab and classrooms
Chemistry Class/Lab:	2		25	Indicate if separate lab and classrooms
Unassigned Classrooms:	20		463	
9th Grade		168		
10th Grade		142		
11th Grade		126		
12th Grade		117		
Total		553		

Common Spaces:	**Y/N**	**No. of rooms**	**stations/ lunch**	**Remarks**
Gymnasium:	Y	1	1	Can't hear announcements
Multi-purpose:	N			
Boys PE Locker Room:	Y	1		
Girls PE Locker Room:	Y	1		
Non-Binary PE Locker Room:	N			
Boys Athletic Locker Room:	Y	1		
Girls Athletic Locker Room:	Y	1		
Room:	N			
Cafeteria:	Y	1	3	
Cooking Kitchen:	Y	1		
Warming Kitchen:	Y	1		
Library/ MC:	Y	4	2	
Computer Lab:	Y	2	2	
Auditorium with Stage:	Y	1		
Black Box	Y	1	1	
Art Gallery	Y	1		
Lecture Hall	Y	1	1	

Specials:	**Y/N**	**No. of rooms**	**Students**	**Remarks**
2D-Art:	Y	2	20	
3D-Art	N			
Graphic Arts/ Computer Lab:	Y	1	25	
Ceramics/3 D Art	Y	1	20	
Choral:	Y	1	35	
Band:	Y	1	35	
Orchestra:	Y	1	25	
General Music:				
MIDI Lab (Keyboards):	Y	1	15	
STEM/ Maker Space:				

Health Classroom:				
CTE/ Pathway Space:				Indicate CTE/Pathway space name
CTE/ Pathway Space:				Indicate CTE/Pathway space name
CTE/ Pathway Space:				Indicate CTE/Pathway space name
CTE/ Pathway Space:				Indicate CTE/Pathway space name
Dance	Y	2	40	
Creative Writing	Y	2	50	
TV Production	Y	1	20	

Special Education:	**Y/N**	**No. of rooms**	**Students**	**Remarks**
Self-Contained Classrooms:	N			
(pull-out instruction)	Y	1	15	SPED teachers to meet
ESL/ Bi-Lingual Classroom:	N			
OT/PT Room:	N			
Life Skills Classroom/ Lab:	N			Indicate if separate lab and classrooms
Speech:	N			
Tutor:	N			
Coaches:	N			
Other:				
Other:				

Support Spaces:	**Y/N**	**No. of rooms**		**Remarks**
Administrative Suite	Y	3		list any space deficiencies within the suite
Nurse Suite:	Y	2		list any space deficiencies within the suite
School-Based Health Clinic:	N			list any space deficiencies within the suite
Guidance Suite:	Y	6		list any space deficiencies within the suite
Faculty Work Room:	Y	11		list any space deficiencies within the suite
Administrative Offices	Y	4		

General Comments:

We have a retail space that we have requested to be made into offices and a space for our students with social and emotional needs but work needs to be done (electrical, ceilings, etc)

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Davis			
SCHOOL ADDRESS:	35 Davis Street			
PRINCIPAL NAME:	Marisa Asarisi	**PHONE NO./ EMAIL**	475-220-7800	marisa.asarisi@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	3	51	60	These numbers are determined by the union
	Kindergarten:	2	42	52	
	First Grade:	2	49	52	
	Second Grade:	2	46	52	
	Third Grade:	2	50	54	
	Fourth Grade:	2	51	54	
	Fifth Grade:	2	48	54	
PK-8 ONLY	Sixth Grade:	2	44	54	
PK-8 ONLY	Seventh Grade:	2	46	54	
PK-8 ONLY	Eighth Grade:	2	53	54	
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1		
	Gym Platform/Stage:	N			
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	Y	1		
PK-8 ONLY	Girls PE Locker Room:	Y	1		
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1	4	
	Cafeteria Platform/Stage:	N			
	Cooking Kitchen:	N			
	Warming Kitchen:	N			
	Library/ MC:	Y	1	1	
	Computer Lab:	Y	1	1	
	Auditorium with Stage:	Y	1	1	
	Other:				
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	Y	1		
	Music:	Y	3		
	Science:	Y	1	27	
	World Language:	Y	1	27	
	STEM/ Maker Space:	Y	2	27	
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N			
Resource Rooms:	Y	4		
ESL:	N			
Speech:	Y	1		
Tutor:	Y	3		
Coaches:	Y	4		
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y			list any space deficiencies within the suite
Nurse Suite:	Y			list any space deficiencies within the suite
School-Based Health Clinic:	Y			list any space deficiencies within the suite
Faculty Work Room:	Y	1		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	East Rock			
SCHOOL ADDRESS:	133 Nash Street			
PRINCIPAL NAME:	Sabrina Breland	**PHONE NO./ EMAIL**	475-220-5910	sabrina.breland@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	2	48	40	There are two half day programs and 1 full day
	Kindergarten:	2	46	52	3 other Kindergarteners are in self-contained
	First Grade:	3	32	52	4 other 1st graders are in self-contained
	Second Grade:	3	41	52	3 other 2nd graders are in self-contained
	Third Grade:	3	49	54	5 other 3rd graders are in self-contained
	Fourth Grade:	2	49	54	5 other 4th graders are in self-contained
	Fifth Grade:	2	42	54	5 other 5th graders are in self-contained
PK-8 ONLY	Sixth Grade:	2	46	54	2 other 6th graders are in self-contained
PK-8 ONLY	Seventh Grade:	2	48	54	
PK-8 ONLY	Eighth Grade:	2	48	54	
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1		
	Gym Platform/Stage:	N	0		
	Multi-purpose:	N	0		
PK-8 ONLY	Boys PE Locker Room:	Y	1		PE/Athletic Rooms are the same
PK-8 ONLY	Girls PE Locker Room:	Y	1		PE/Athletic Rooms are the same
PK-8 ONLY	Non-Binary PE Locker Room:	N	0		
PK-8 ONLY	Boys Athletic Locker Room:	N	0		PE/Athletic Rooms are the same
PK-8 ONLY	Girls Athletic Locker Room:	N	0		PE/Athletic Rooms are the same
PK-8 ONLY	Non-Binary Athletic Locker Room:	N	0		
	Cafeteria:	Y	1		
	Cafeteria Platform/Stage:	Y	1		
	Cooking Kitchen:	N	0		
	Warming Kitchen:	Y	1		
	Library/ MC:	Y	1		
	Computer Lab:	Y	1		Currently used as a 2nd grade (ESSER)
	Auditorium with Stage:	N	0		Doubles as general music room
	Other:				
	Other:				
	Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
Art:	Y	1	27	Used as a 3rd Grade ESSER CR
Music:	Y	2	27	The other is being used by 1st (ESSER)
Science:	Y	1	27	
World Language:	N	1		Currently being used by ART
STEM/ Maker Space:	Y	0		Has materials in the library
Other:				
Other:				

Special Education:	Y/N No. of Classrooms	No. of rooms Enrollment	District Max No. of Students	Remarks
Self-Contained Classrooms:	3	39	36	
Resource Rooms:	Y	3	Unknown	
ESL:	Y	1	Unknown	
Speech:	Y	1	Unknown	It is an office, NOT a classroom
Tutor:	Y	0	Unknown	
Coaches:	Y	2	Unknown	
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	5	Suite is on the 2nd floor	list any space deficiencies within the suite
Nurse Suite:	Y	3		list any space deficiencies within the suite
School-Based Health Clinic:	N			list any space deficiencies within the suite
Faculty Work Room:	N			list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	East Rock			
SCHOOL ADDRESS:	133 Nash Street			
PRINCIPAL NAME:	Sabrina Breland	**PHONE NO./ EMAIL**	475-220-5910	sabrina.breland@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**	Architect Questions/ Clarifications
	Pre-K:	2	48	40	There are two half day programs and 1 full day	need clarification on max No. students for pre-K. I changed the district max cell from "blank" to "40" based on the remark, which assumes two spaces, one of which has split use by the two half-day programs. 20 students per Pre-K classroom is understood to be the district max. please confirm. **Confirmed**
	Kindergarten:	2	46	52	3 other Kindergarteners are in self-contained	
	First Grade:	3	32	52	4 other 1st graders are in self-contained	5/13/22: Should I interpret the remarks to mean that there are a total of 36 first grade students, 32 of which are distributed across 3 classrooms and 4 of which are in a self contained SPED classroom? **Correct**
	Second Grade:	3	41	52	3 other 2nd graders are in self-contained	Same question as above this this grade level **CORRECT**
	Third Grade:	3	49	54	5 other 3rd graders are in self-contained	Same question as above this this grade level **CORRECT**
	Fourth Grade:	2	49	54	5 other 4th graders are in self-contained	Same question as above this this grade level **CORRECT**
	Fifth Grade:	2	42	54	5 other 5th graders are in self-contained	Same question as above this this grade level **CORRECT**
PK-8 ONLY	Sixth Grade:	2	46	54	2 other 6th graders are in self-contained	Same question as above this this grade level **CORRECT**
PK-8 ONLY	Seventh Grade:	2	48	54		Summing the students in self-contained SPED classrooms noted above = 27 students. Below you note 3 self-contained SPED classrooms. I interpret this information to mean there are 27 students spread over the 3 self-contained classrooms and the 3 self-contained classrooms are IN ADDITION TO the 19 classrooms for standard PreK-6, for a total of 22 classrooms standard + Self-contained. Please confirm. The are physically 20 classroom for students in grades Pre K -8th. We have 3 self-contained classes rooms and 3 additional ESSER classrooms for a total of 26 classrooms. 5/13/22: You mention 20 CR's PK-8, but there are blanks for No. of classrooms and for student enrollment in grade 7 & 8 lines. Is this correct? 5/20: KAM Note to self: Added "2" CR based on bulleted note above and guesed on 48 students in 7th grade
PK-8 ONLY	Eighth Grade:	2	48	54		5/20: KAM Note to self: Added "2" CR based on bulleted note above and guessed on 48 students in 8th grade
	Unassigned Classrooms:					5/13/22: I added "1" to Unassigned Classroom (unassigned to a grade level) to account for the total 20 classrooms PK-8 and noted that it's being used as an ESSER CR. My understanding for ESSER CR's is: 1 - Unassigned grade level classroom on this line 1 - Computer Lab 1 - One of the two music rooms Total of 3 ESSER CR's and two of them are utilizing spaces that would otherwise be a "specials" space, please confirm. 5/20: KAM Note to self: Based on email bullet list above, I am zeroing out the Unassigned classroom count because of the clarification made that the 3rd Gr. ESSER CR is the Art Room

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**	
	Gymnasium:	Y	1			
	Gym Platform/Stage:	N	0			
	Multi-purpose:	N	0			
	Boys PE Locker Room:	Y	1		PE/Athletic Rooms are the same	
	Girls PE Locker Room:	Y	1		PE/Athletic Rooms are the same	
	Non-Binary PE Locker Room:	N	0			
PK-8 ONLY	Boys Athletic Locker Room:	N	0		PE/Athletic Rooms are the same	not counted in summary, since redundant with PE Locker Room listed above. Changed to "N" and "0" based on the remark. Confirmed.
PK-8 ONLY	Girls Athletic Locker Room:	N	0		PE/Athletic Rooms are the same	not counted in summary, since redundant with PE Locker Room listed above. Changed to "N" and "0" based on the remark. Confirmed.
	Non-Binary Athletic Locker Room:	N	0			
	Cafeteria:	Y	1			
	Cafeteria Platform/Stage:	Y	1			
	Cooking Kitchen:	N	0			
	Warming Kitchen:	Y	1			
	Library/ MC:	Y	1			

Computer Lab:	Y	1		Currently used as a 2nd grade (ESSER)	based on the remark, I changed to "Y" and "1" and included one computer lab in the space summary, with a notation that it's currently being used as a 2nd Grade ESSER classroom. Please confirm this is correct. **Correct**! Since students all have their own devices, we may repurpose the room as a makerspace.
Auditorium with Stage:	N	0		Doubles as general music room	I assume this refers to the Platform/Stage off of the Cafeteria is being used for general music instruction? Please confirm.
Other:					
Other:					
Other:					

Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**	
Art:	Y	1	27	Used as a 3rd Grade ESSER CR	
Music:	Y	2	27	The other is being used by 1st (ESSER)	Changed no. of rooms from "1" to "2" based on the remark and noted on the summary that one music classroom is currently being used as a 1st Gr. ESSER classroom. Please confirm this is correct. **Correct!**
Science:	Y	1	27		
World Language:	N	1		Currently being used by ART	does the remark mean a room that otherwise would be a WL classroom is currently being used for Art, for a total of 2 Art classrooms? (if yes, I'd change the count for WL classroom to "1" and note the current use as Art) OR Is there only one room that is counted in the "Art" line item, and "0" for WL as noted? After ESSER, we will have one WL classroom and 1 ART room.
STEM/ Maker Space:	Y	0		Has materials in the library	
Other:					
Other:					

Special Education:	**Y/N** **No. of Classrooms**	**No. of rooms** **Enrollment**	**District Max No. of Students**	**Remarks**	
Self-Contained Classrooms:	3	39	36		See question above related to total number of standard + Self-contained classrooms 5/13/22: Based on comment above, I included "3", "27" and "36" to reflect 3 self-contained CR's, 27 students currently enrolled in those CR's, based on the remarks above in the grade level classroom lines, with a self-contained SPED CR capacity of 36, based on a max of 12 per classroom. **ROOM 114 has 16 Students enrolled ROOM 112 has 12 Students enrolled and ROOM 111 has 11 Students. There are a total of 39 Students currently enrolled in our 3 self contained classes.** 5/20: KAM Note to self: Changed the enrollment for self contained classrooms to 39 based on bulleted list above.
Resource Rooms:	Y	3	Unknown		
ESL:	Y	1	Unknown		
Speech:	Y	1	Unknown	It is an office, NOT a classroom	
Tutor:	Y	0	Unknown		
Coaches:	Y	2	Unknown		
Other:					
Other:					

Support Spaces:	**Y/N**	**No. of rooms**		**Remarks**	
Administrative Suite	Y	5	Suite is on the 2nd floor	list any space deficiencies within the suite	Need Y/N input
Nurse Suite:	Y	3		list any space deficiencies within the suite	Need Y/N input
School-Based Health Clinic:	N			list any space deficiencies within the suite	Need Y/N input
Faculty Work Room:	N			list any space deficiencies within the suite	Need Y/N input

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME: Edgewood School
SCHOOL ADDRESS: 737 Edgewood Ave.
PRINCIPAL NAME: Nicholas Perrone **PHONE NO./ EMAIL** 475-220-8000 nicholas.perrone@nhboe.net
Principal cell: 203-507-6689

	Grade Level Classrooms:	No. of Classrooms	2021-22 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
	Pre-K:	0			
	Kindergarten:	2	47	40	Assumes each K classroom can support 20 students
	First Grade:	2	44	48	Assumes each 1st Gr classroom can support 20 students
	Second Grade:	2	49	48	
	Third Grade:	2	46	48	
	Fourth Grade:	2	46	48	
	Fifth Grade:	2	49	48	
PK-8 ONLY	Sixth Grade:	2	34	48	
PK-8 ONLY	Seventh Grade:	2	39	48	
PK-8 ONLY	Eighth Grade:	2	42	48	
	Unassigned Classrooms:				

	Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
	Gymnasium:	Y	1	1	Gym is a half court size; it's a full gym when the divider is opened and caf tables are removed
	Gym Platform/Stage:	N			
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	N			
PK-8 ONLY	Girls PE Locker Room:	N			
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	N			
	Cafeteria Platform/Stage:	Y	1	1/ 4 lunch waves	This is the other half of the gym
	Cooking Kitchen:	N			
	Warming Kitchen:	Y			
	Library/ MC:	Y	2	2	
	Computer Lab:	N			
	Auditorium with Stage:	N			
	Other:				
	Other:				
	Other:				

	Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
	Art:	Y	1	27	
	Music:	Y	1	27	
	Science:	Y	1	27	This is a middle school classroom, not a "Special."
	World Language:	Y	1	27	This is located in the library space
	STEM/ Maker Space:	N			

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N			
Resource Rooms:	Y	2	6	
ESL:	Y	n/a		We use the hallway for our MLL groups.
Speech:	Y	1	14	We use our conference roomf or support services.
Tutor:	Y	n/a	8	We use the hallways for tutoring groups.
Coaches:	Y	1	4	Lit & Math coaches share the same office
Other:	Y	1	4	School social worker has an office
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	3	n/a	Not enough storage
Nurse Suite:	Y	2	4	
School-Based Health Clinic:	N			list any space deficiencies within the suite
Faculty Work Room:	Y	1	n/a	This is a combined work room and lunch/break space.

General Comments:

Our school has a lack of space needed for the number of programs we attempt to offer. We make due in creative ways to accommodate our needs. Our building was remodeled in 1999 and it needs signifcant maintenance updates and repairs. There are both IDEA (special education law) and safety updates that are most pressing.

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

High SCHOOL NAME:	ESUMS		
SCHOOL ADDRESS:	500 Boston Post Road		
SCHOOL SCHEDULE:	8		
PRINCIPAL NAME:	Medria Blue	**PHONE NO./ EMAIL**	475-220-6000

General Classrooms:	**No. of Courses**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
Language Arts/ English:		Grade 9: 95	88	High school classes are not scheduled by grade level
Math:	10	Grade 10: 98	88	For example we offer algebra, geometry, alg 2, pre-cal, cal, statistics, AP statistic, AP cal A/b, AP cal BC
Social Studies:	5	Grade 11: 72	88	We also offer AP macro economics in the math department
World Language:		Grade 12:62	88	
Science	9	327	352	We are predict that we will have at least 347 students because our lowest enrollment is in grade 12
Engineering				
Technology				High school teachers share classrooms, so all
Unassigned Classrooms:	0			All classrooms are assigned; World Language is on a car/has no permanent room
Other:				Some conference rooms have been converted to classrooms
Other:				

Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
Gymnasium:	Y	1		shared by ESUMS middle and high school
Multi-purpose:	n			
Boys PE Locker Room:	Y	1		
Girls PE Locker Room:	Y	1		
Non-Binary PE Locker Room:	n			
Boys Athletic Locker Room:	n			
Girls Athletic Locker Room:	n			
Non-Binary Athletic Locker Room:	n			
Cafeteria:	Y	1		
Cooking Kitchen:	n			
Warming Kitchen:	Y	1		
Library/ MC:	n			
Computer Lab:	n			
Auditorium with Stage:	n			
Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
2D-Art:	Y	1		All special spaces are shared by the 600 students enrolled at ESUMS;
3D-Art	n			264 middle school students have classes in the special spaces
Graphic Arts/ Computer Lab:	n			
Ceramics:	n			
Choral:	n			
Band:	Y	1		
Orchestra:	n			
General Music:	Y	1		
MIDI Lab (Keyboards):	n			
STEM/ Maker Space:	Y	1		
Health Classroom:	Y	1		
CTE/ Pathway Space:	n			Indicate CTE/Pathway space name
CTE/ Pathway Space:	n			Indicate CTE/Pathway space name
CTE/ Pathway Space:	n			Indicate CTE/Pathway space name
CTE/ Pathway Space:	n			Indicate CTE/Pathway space name
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N			1 middle school resource teacher; 2 hS resource te
Resource Rooms: (pull-out instruction)	Y	1		
ESL/ Bi-Lingual Classroom:	N			
OT/PT Room:	N			
Life Skills Classroom/ Lab:	N			Indicate if separate lab and classrooms
Speech:				
Tutor:	N			
Coaches:	Y	1		1 instructional coach
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y			list any space deficiencies within the suite
Nurse Suite:	Y			list any space deficiencies within the suite
School-Based Health Clinic:	N			list any space deficiencies within the suite
Guidance Suite:	Y			list any space deficiencies within the suite
Faculty Work Room:	Y			list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Fair Haven			
SCHOOL ADDRESS:	164 Grand Avenue			
PRINCIPAL NAME:	Monica Morales	**PHONE NO./ EMAIL**	475-220-2600	monica.morales@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	2	28	32	Assumes each PK room can support 16 students
	Kindergarten:	4	68	104	
	First Grade:	4	78	104	
	Second Grade:	4	77	108	
	Third Grade:	4	87	108	
	Fourth Grade:	4	67	108	
	Fifth Grade:	4	72	108	
PK-8 ONLY	Sixth Grade:	4	91	108	
PK-8 ONLY	Seventh Grade:	4	96	108	
PK-8 ONLY	Eighth Grade:	4	98	108	
	Unassigned Classrooms:	2			2-Read 180 are pull out student services, Rotate periods class size varies
		2	44	44	2-Newcomer classrooms, Assumes each can support 22 students

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1	5-6 classes per day	
	Gym Platform/Stage:	N			
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	Y	1		Not used during day
PK-8 ONLY	Girls PE Locker Room:	Y	1		Not used durind day
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1	5 lunch waves	
	Cafeteria Platform/Stage:	N			
	Cooking Kitchen:	Y	1		
	Warming Kitchen:				
	Library/ MC:	Y	3		
	Computer Lab:	Y	2		
	Auditorium with Stage:	Y	1		Needs repairs
	Other:				
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	Y	3	26-27 per period	Grade level dependent
	Music:	Y	2	26-27 per period	Grade level dependent
	Science:	Y	3	26-27 per period	Grade level dependent
	World Language:	Y	1	26-27 per period	Grade level dependent
	STEM/ Maker Space:	Y	1	26-27 per period	Grade level dependent
	Other:	Digital Arts	1	26-27 per period	Grade level dependent
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	2		
Resource Rooms:	Y	4		
ESL:	Y	3		
Speech:	Y	1		
Tutor:	Y	1		
Coaches:	Y	2		
Other:	School Psychologist	1		
Other:	School Social Worke	1		

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	2		
Nurse Suite:	Y	1		
School-Based Health Clinic:	Y	1		
Faculty Work Room:	Y	1		
Support Staff Suite		4		

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	FAME		
SCHOOL ADDRESS:	255 Blatchley Avenue		
PRINCIPAL NAME:	Marisol Rodriguez	**PHONE NO./ EMAIL**	475-220-2500/marisol.rodriguez@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks - Please refer to Google link below for need for individual classrooms and building**
	Pre-K:	2	25	40	Assumes each PK classroom can support 16 students
	Kindergarten:	2	46	52	Assumes each K classroom can support 26 students
	First Grade:	3	42	52	Assumes each 1st Gr classroom can support 26 students (we have a grade 1/2 split because of ESSER teachers which ends at end of 2023 school year… max # of 1st graders is 52)
	Second Grade:	3	43	52	Assumes each 2nd Gr classroom can support 26 students (we have a grade 1/2 split because of ESSER teachers which ends at end of 2023 school year… max # of 2nd graders is 52)
	Third Grade:	2	43	54	Assumes each 3rd Gr classroom can support 27 students
	Fourth Grade:	2	46	54	Assumes each 4th Gr classroom can support 27 students
	Fifth Grade:	2	52	54	Assumes each 5th Gr classroom can support 27 students
PK-8 ONLY	Sixth Grade:	2	54	54	Assumes each 6th Gr classroom can support 27
PK-8 ONLY	Seventh Grade:	2	47	54	Assumes each 7th Gr classroom can support 27 students
PK-8 ONLY	Eighth Grade:	2	54	54	Assumes each 8th Gr classroom can support 27 students
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1	5-6 classes	**Please refer to Google link below,**
	Gym Platform/Stage:	Y	1		**Please refer to Google link below,**
	Multi-purpose:	N			**Please refer to Google link below,**
PK-8 ONLY	Boys PE Locker Room:	Y	1		**Please refer to Google link below,**
PK-8 ONLY	Girls PE Locker Room:	Y	1		**Please refer to Google link below,**
PK-8 ONLY	Non-Binary PE Locker Room:	N	0		**Please refer to Google link below,**
PK-8 ONLY	Boys Athletic Locker Room:	Y	1		**Please refer to Google link below,**
PK-8 ONLY	Girls Athletic Locker Room:	Y	1		**Please refer to Google link below,**
PK-8 ONLY	Non-Binary Athletic Locker Room:	N	0		**Please refer to Google link below,**
	Cafeteria:	Y	1	4 lunch waves	**Please refer to Google link below,**
	Cafeteria Platform/Stage:	Y	1		**Please refer to Google link below,**
	Cooking Kitchen:	Y	1		**Please refer to Google link below,**
	Warming Kitchen:	N	0		**Please refer to Google link below,**
	Library/ MC:	Y	1		**Please refer to Google link below,**
	Computer Lab:	N	1		using as a classroom for ESSER teacher
	Auditorium with Stage:	N			
	Other:				
	Other:				
	Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
Art:	Y	1	27 students per class	traps under both sinks have no seal. They overflow and smell., hot water brown,handles on cabanits are off.
Music:	Y	1		Currently using as ESSER classroom
Science:	Y	1	27 students per class	needs updating - tables falling apart, sink in the back does not always work, evidence of rodents in store room, safety shower either needs to be seriously flushed or there is a plumbing issue because the water is brown and smells like sewage, can't flush it however because of the lack of adequate drainage, eye wash station in science room needs to be cleaned
World Language:	Y	1	12	small room
STEM/ Maker Space:	N	0		
Other:				
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N			**Please refer to Google link below,**
Resource Rooms:	Y			Suites officers are shared by support staff,
ESL:	Y	1	8	small room
Speech:	N			shares office with school psychologist
Tutor:	N			use library or hallways
Coaches:	Y	1		math/literacy room share small space
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y			**Please refer to Google link below,**
Nurse Suite:	Y			**Please refer to Google link below**
School-Based Health Clinic:	N			
Faculty Work Room:	Y			**Please refer to Google link below**

General Comments:

Please use the link below to see individual classroom and building repairs.
https://docs.google.com/spreadsheets/d/1f6BXaB3eFn6frz8PRCvABCN7VWEAtJKICfkuOErpx18/edit#gid=0

https://docs.google.com/spreadsheets/d/1f6BXaB3eFn6frz8PRCvABCN7VWEAtJKICfkuOErpx18/edit#gid=0

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Hill Central School			
SCHOOL ADDRESS:	140 Dewitt Street			
PRINCIPAL NAME:	Jaime Ramos	**PHONE NO./ EMAIL:**	(475)220-6100	jaime.ramos@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	2	29	52	
	Kindergarten:	2	47	52	
	First Grade:	3	43	52	*1 ESSER
	Second Grade:	2	47	52	
	Third Grade:	3	43	54	*1 ESSER
	Fourth Grade:	2	41	54	
	Fifth Grade:	2	43	54	
PK-8 ONLY	Sixth Grade:	2	52	54	
PK-8 ONLY	Seventh Grade:	2	51	54	
PK-8 ONLY	Eighth Grade:	2	53	54	
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1	6	
	Gym Platform/Stage:	Y	1	6	Shared with cafeteria
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	Y	1	6	
PK-8 ONLY	Girls PE Locker Room:	Y	1	6	
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1	4	
	Cafeteria Platform/Stage:	1	1	4	Shared with cafeteria
	Cooking Kitchen:	1	1	4	
	Warming Kitchen:	1	1	4	
	Library/ MC:	1	1	5	This space is shared by several tutors and teachers including World Language, TAG, Vision tutors, academic tutors and Occupational Therapy
	Computer Lab:	1	1	1	Used as a classroom
	Auditorium with Stage:	N	1	1	Used for lunch waves
	Other:				
	Other:				
	Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
Art:	Y	1	27	*27 per class; 6 classes per day
Music:	y	1	27	*27 per class; 6 classes per day
Science:				Classrooms are available for general science classes; there is no additional space
World Language:	N			Teacher is using the library as ESSER teachers were assigned to this space
STEM/ Maker Space:	N			
Other:				
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N			
Resource Rooms:	Y	3	*27	*per class
ESL:	Y	1	*27	*per class
Speech:	Y	0.5	*27	*per class
Tutor:	Y	0		Library and back of classrooms are used
Coaches:	Y	0.5		One office is shared for coaches
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	1		list any space deficiencies within the suite
Nurse Suite:	Y	1		list any space deficiencies within the suite
School-Based Health Clinic:	Y	3		list any space deficiencies within the suite
Faculty Work Room:	Y	1		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

HIGH SCHOOL NAME:	James Hillhouse High School			
SCHOOL ADDRESS:	480 Sherman Parkway			
SCHOOL SCHEDULE:	4x4 Block			
PRINCIPAL NAME:	Mark Sweeting	**PHONE NO./ EMAIL**	475-220-7500 office	mark.sweeting@new-haven.k12.ct.us

General Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
Language Arts/ English:	13	583	125 per teacher	
Math:	13	605	125 per teacher	
Social Studies:	12	376	125 per teacher	
World Language:	8	295	125 per teacher	
Physics Class/Lab:	1	59	125 per teacher	Same room
Earth Science Class/Lab:	4	430	125 per teacher	Same room
Biology Class/Lab:	3	342	125 per teacher	Same room
Chemistry Class/Lab:	2	278	125 per teacher	Same room
Unassigned Classrooms:	0			
EL supports	5	177	125 per teacher	
Other:				

Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
Gymnasium:	Yes	1		
Multi-purpose:	No			
Boys PE Locker Room:	Yes	1		
Girls PE Locker Room:	Yes	1		
Non-Binary PE Locker Room:	No			
Boys Athletic Locker Room:	No			
Girls Athletic Locker Room:	No			
Non-Binary Athletic Locker Room:	No			
Cafeteria:	Yes	1	3	
Cooking Kitchen:	Yes	1		
Warming Kitchen:	No			
Library/ MC:	Yes	1		
Computer Lab:	No			
Auditorium with Stage:	Yes	1		
Other:				
Other:				
Other:				

Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
2D-Art:	Yes	1	125	
3D-Art	No		125	
Graphic Arts/ Computer Lab:	Yes	1	125	
Ceramics:	No		125	
Choral:	No		125	
Band:	Yes	1	125	
Orchestra:	No		125	
General Music:	No		125	
MIDI Lab (Keyboards):	No		125	
STEM/ Maker Space:	No		125	
Health Classroom:	Yes	2	125	
CTE/ Pathway Space:	Yes	2	125	Culinary

CTE/ Pathway Space:	Yes	3	125	Business
CTE/ Pathway Space:	Yes	2	125	Manufacturing
CTE/ Pathway Space:	Yes	2	125	Construction

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Yes	1	10	
Resource Rooms: (pull-out instruction)	Yes	6	15	
ESL/ Bi-Lingual Classroom:	Yes	5		See EL Supports above, reported I SPED support section of summary
OT/PT Room:	No			
Life Skills Classroom/ Lab:	Yes	2		Two classrooms
Speech:	Yes	1		
Tutor:	No			
Coaches:	No			
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y			This space has a principal's office, two conference rooms and staff bathrooms
Nurse Suite:	Y			list any space deficiencies within the suite
School-Based Health Clinic:	Y			list any space deficiencies within the suite
Guidance Suite:	N			individual offices, not together in a traditional suite
Faculty Work Room:	Y	3		One on each floor, these rooms are small and have staff bathrooms and beverage vending.

General Comments:

These were the issues that were identified by the NEASC commission. Concerns include, but are not limited to:
stained and wet ceiling tiles that sometimes drop onto the floor in classrooms and hallways, and missing tiles on every floor of the school, exposing ducts and wires
- soundproofing in the auditorium that is falling off
- cracked or loose rubber nosing on the edge of the stairs making it a danger for falls or catching a heel
- standing water on the roof in more than one place after rainfall
- roof leaks in several locations causing buckets to be placed in classrooms and hallways for heavy waterflow when it rains, and puddling
- leaks from unknown sources
- condensate drain pans from the heating, ventilation, and air conditioning (HVAC) system that leak water
- temperature extremes and fluctuations caused by the HVAC system
- air handling units that are at the end-of-life
- non-functioning magnetized fire doors that are either shut or need to be propped open with a door stop and will not close automatically during a fire
- some of the outside doors, even when locked, can be pulled open
- paint needed in many areas
- a few outside windows that are cracked, and one missing from a corridor door
- missing floor tiles all over the school and some uneven flooring from patches
- a section of the gym floor damaged due to roof leaks
- some of the bathroom doors do not close properly
- toilets and urinals that are out of service
- non-functioning classroom lights caused by water damage
- clocks, bells, and the public address system need replacement
- repairs submitted to the district that are not completed in a timely manner
- locker doors and tops that are missing, broken, and/or dented
- multiple outlets protruding from the floor in one of the culinary rooms requiring buckets to cover them as a makeshift safety precaution

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Worthington Hooker			
SCHOOL ADDRESS:	691 Whitney Ave			
PRINCIPAL NAME:	Margaret Mary Gethings	**PHONE NO./ EMAIL:**	475-220-7200	

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:				
	Kindergarten:				
	First Grade:				
	Second Grade:				
	Third Grade:	2	42	54	
	Fourth Grade:	2	41	54	
	Fifth Grade:	2	44	54	
PK-8 ONLY	Sixth Grade:	2	43	54	
PK-8 ONLY	Seventh Grade:	2	46	54	
PK-8 ONLY	Eighth Grade:	2	33	54	
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1	16	
	Gym Platform/Stage:	N			
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	N			
PK-8 ONLY	Girls PE Locker Room:	N			
PK-8 ONLY	Non-Binary PE Locker Room:	Y	1		
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	Y			
	Cafeteria:	Y	1	3	
	Cafeteria Platform/Stage:	N			
	Cooking Kitchen:	Y	1		
	Warming Kitchen:	Y	1		
	Library/ MC:	Y	1	16	
	Computer Lab:	N		0	
	Auditorium with Stage:	Y	1	16	
	Other:				
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	Y	1		
	Music:	Y	1		
	Science:	Y	1		
	World Language:	Y	1		
	STEM/ Maker Space:	Y	1		
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N			
Resource Rooms:	Y	1		
ESL:	Y	1		
Speech:	Y	1		
Tutor:	Y	1		
Coaches:	Y	1		
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite				list any space deficiencies within the suite
Nurse Suite:				list any space deficiencies within the suite
School-Based Health Clinic:				list any space deficiencies within the suite
Faculty Work Room:				list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Worthington Hooker School			
SCHOOL ADDRESS:	180 Canner St.			
PRINCIPAL NAME:	Margaret Mary Gethings	**PHONE NO./ EMAIL**	475-220-3700	Jenny.Clarino@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:				
	Kindergarten:	2	44	52	
	First Grade:	2	41	54	
	Second Grade:	2	45	54	
	Third Grade:				
	Fourth Grade:				
	Fifth Grade:				
PK-8 ONLY	Sixth Grade:				
PK-8 ONLY	Seventh Grade:				
PK-8 ONLY	Eighth Grade:				
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	N			Café is utilized as gym
	Gym Platform/Stage:	N			
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	N			
PK-8 ONLY	Girls PE Locker Room:	N			
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1	3 Lunch waves	
	Cafeteria Platform/Stage:	N			
	Cooking Kitchen:	Y	1		
	Warming Kitchen:	Y	1		
	Library/ MC:	Y	1		
	Computer Lab:	N			
	Auditorium with Stage:	N			
	Other:				
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	Y	1	27	
	Music:	Y	1	N/A	
	Science:	N			
	World Language:	N			
	STEM/ Maker Space:	N			
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N			
Resource Rooms:	Y	1		
ESL:	Y	1		
Speech:	N	0		
Tutor:	Y	1		
Coaches:	Y	1		Teacher's Resource Room
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y			
Nurse Suite:	Y			
School-Based Health Clinic:	N			
Faculty Work Room:	Y			no working refridgerator

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	John C. Daniels			
SCHOOL ADDRESS:	569 Congress Ave.			
PRINCIPAL NAME:	Tina K. Mitchell	**PHONE NO./ EMAIL**	475-220-3600	tina.mitchell@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	4	73	80	
	Kindergarten:	2	46	52	
	First Grade:	2	47	52	
	Second Grade:	2	44	52	
	Third Grade:	2	49	54	
	Fourth Grade:	2	50	54	
	Fifth Grade:	2	45	54	
PK-8 ONLY	Sixth Grade:	2	41	54	
PK-8 ONLY	Seventh Grade:	2	49	54	
PK-8 ONLY	Eighth Grade:	2	41	54	
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1	7	
	Gym Platform/Stage:	N	0		
	Multi-purpose:	N	0		
PK-8 ONLY	Boys PE Locker Room:	Y	1		
PK-8 ONLY	Girls PE Locker Room:	Y	1		
PK-8 ONLY	Non-Binary PE Locker Room:	N	0		
PK-8 ONLY	Boys Athletic Locker Room:	N	0		
PK-8 ONLY	Girls Athletic Locker Room:	N	0		
PK-8 ONLY	Non-Binary Athletic Locker Room:	N	0		
	Cafeteria:	Y	1	7	
	Cafeteria Platform/Stage:	N	0		
	Cooking Kitchen:	Y	1		
	Warming Kitchen:	Y	1		
	Library/ MC:	Y	1	5	
	Computer Lab:	N	0		
	Auditorium with Stage:	Y	1	7	Band classes are taught in the auditorium
	Other:				
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	Y	1	27	
	Music:	Y	1	27	Music room neing used as ESSER class
	Science:	Y	2		Per OSHA
	World Language:	Y	1	20	She has an office, but classes are held in the students' homeroom.
	STEM/ Maker Space:	N	0	0	
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N	0		
Resource Rooms:	Y	3	6	
ESL:	Y	1	6	small space
Speech:	Y	1	3	
Tutor:	Y	1	6	
Coaches:	Y	4	2	Office spaces
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	6		list any space deficiencies within the suite
Nurse Suite:	Y	2		list any space deficiencies within the suite
School-Based Health Clinic:	N	0		list any space deficiencies within the suite
Faculty Work Room:	Y	1		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME: epson Magnet School
SCHOOL ADDRESS: 15 Lexington Ave
PRINCIPAL NAME: Lesley Stancarone **PHONE NO./ EMAIL** 475.220-2910 Lesley. Stancarone@new-haven.kl2.ct.us

	Grade Level Classrooms:	No. of Classrooms	2022-23 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
	Pre-K:	3	61	60	Assumes each PK classroom can support 16 students
	Kindergarten:	2	49	52	Assumes each K classroom can support 20 students
	First Grade:	2	44	52	Assumes each 1st Gr classroom can support 20 students
	Second Grade:	2	45	52	
	Third Grade:	2	50	52	
	Fourth Grade:	2	53	52	
	Fifth Grade:	2	54	52	
PK-8 ONLY	Sixth Grade:	2	46	52	
PK-8 ONLY	Seventh Grade:	2	45	54	
PK-8 ONLY	Eighth Grade:	2	54	54	
	Unassigned Classrooms:				

	Common Spaces:	Y/N	No. of rooms	stations/ lunch	Remarks
	Gymnasium:	Yes	0		
	Gym Platform/Stage:	No	0		
	Multi-purpose:	No	0		
PK-8 ONLY	Boys PE Locker Room:	Yes	1		
PK-8 ONLY	Girls PE Locker Room:	Yes	1		
PK-8 ONLY	Non-Binary PE Locker Room:	No			
PK-8 ONLY	Boys Athletic Locker Room:	Yes	1		
PK-8 ONLY	Girls Athletic Locker Room:	Yes	1		
PK-8 ONLY	Room:	No			
	Cafeteria:	Yes	1	4	
	Cafeteria Platform/Stage:	Yes	1	1	
	Cooking Kitchen:	Yes	1		
	Warming Kitchen:	No	0		
	Library/ MC:	Yes	1	1	
	Computer Lab:	No	0		
	Auditorium with Stage:				
	Other:				
	Other:				
	Other:				

	Specials:	Y/N	No. of rooms	Students	Remarks
	Art:	Yes	1		
	Music:	Yes	1		
	Science:	Yes	1		
	World Language:	Yes	1		
	STEM/ Maker Space:	No			
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	Students	Remarks
Self-Contained Classrooms:	No			
Resource Rooms:	Yes	3		
ESL:	Yes	1		
Speech:	Yes	1		
Tutor:	Yes	2		
Coaches:	Yes	3		Literacy, Math, Magnet
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Yes			list any space deficiencies within the suite
Nurse Suite:	Yes			list any space deficiencies within the suite
School-Based Health Clinic:	No			list any space deficiencies within the suite
Faculty Work Room:	Yes	3		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	EXAMPLE			
SCHOOL ADDRESS:				
PRINCIPAL NAME:	Tessa Gumbs-Johnso	**PHONE NO./ EMAIL**	475-220-2700	Tessa.Gumbs-Johnson@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	2 (3)	30	32	Assumes each PK classroom can support 16 students
	Kindergarten:	2	36	40	Assumes each K classroom can support 20 students
	First Grade:	2	42	48	Assumes each 1st Gr classroom can support 20 students
	Second Grade:	2	45	48	
	Third Grade:	2	44	48	
	Fourth Grade:	2	45	48	
	Fifth Grade:	2	48	48	
PK-8 ONLY	Sixth Grade:	2	47	48	
PK-8 ONLY	Seventh Grade:	2	48	48	
PK-8 ONLY	Eighth Grade:	2	48	48	
	Unassigned Classrooms:	0			

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1		
	Gym Platform/Stage:	Y	1	Mezzanine	
	Multi-purpose:				
PK-8 ONLY	Boys PE Locker Room:	Y	1		
PK-8 ONLY	Girls PE Locker Room:	Y	1		
PK-8 ONLY	Non-Binary PE Locker Room:	N	No		
PK-8 ONLY	Boys Athletic Locker Room:				What is the difference between the two??
PK-8 ONLY	Girls Athletic Locker Room:				
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1		
	Cafeteria Platform/Stage:	N			
	Cooking Kitchen:	Y	1		
	Warming Kitchen:	Y	1		
	Library/ MC:	Y	1		
	Computer Lab:	Y	1		
	Auditorium with Stage:	Y	1		
	Other:				
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	Y	1	27	
	Music:	Y	1	27	
	Science:	Y	1	27	
	World Language:	Y	2	27	
	STEM/ Maker Space:	Y	1	27	
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N			
Resource Rooms:	Y	2	10	
ESL:	Y	1	10	
Speech:	Y	1	10	
Tutor:	Y	none		
Coaches:	Y	2	10	
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	N	0		list any space deficiencies within the suite
Nurse Suite:	Y	1		list any space deficiencies within the suite
School-Based Health Clinic:	Y	1		list any space deficiencies within the suite
Faculty Work Room:	Y	1		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Lincoln Bassett			
SCHOOL ADDRESS:	130 Bassett St.			
PRINCIPAL NAME:	Rosalind Garcia	**PHONE NO./ EMAIL**	475.220.8500	Rosalind.Garcia@nhboe.net

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	3	45	60	
	Kindergarten:	2	45	48	
	First Grade:	3	32	72	
	Second Grade:	3	45	72	
	Third Grade:	3	43	72	
	Fourth Grade:	2	46	48	
	Fifth Grade:	2	38	48	
PK-8 ONLY	Sixth Grade:	2	28	48	
PK-8 ONLY	Seventh Grade:				
PK-8 ONLY	Eighth Grade:				
	Unassigned Classrooms:	1	11	12	SPED Self-Contained

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1		
	Gym Platform/Stage:	N			
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	Y	1		
PK-8 ONLY	Girls PE Locker Room:	Y	1		
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1	3	
	Cafeteria Platform/Stage:	N			
	Cooking Kitchen:	N			
	Warming Kitchen:	Y	1		
	Library/ MC:	Y	1		Serves as a STEM Lab
	Computer Lab:	Y	1		
	Auditorium with Stage:	Y	1		
	Other:				
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	Y	1		
	Music:	Y	1		
	Science:	Y	1		
	World Language:	N			
	STEM/ Maker Space:	Y	1		
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	1		
Resource Rooms:	Y	3		
ESL:	N			
Speech:	Y			
Tutor:	Y	1		
Coaches:	Y	2		
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y			list any space deficiencies within the suite
Nurse Suite:	Y			list any space deficiencies within the suite
School-Based Health Clinic:	Y			list any space deficiencies within the suite
Faculty Work Room:	Y	1		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	John S. Martinez School			
SCHOOL ADDRESS:	100 James Street			
PRINCIPAL NAME:	Mr. Luis Menacho	**PHONE NO./ EMAIL**	475-220-2000	luis.menacho@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	3	34	51	(2 rms) one room not filled
	Kindergarten:	2	42	52	
	First Grade:	2	47	52	
	Second Grade:	2	49	52	
	Third Grade:	2	56	54	
	Fourth Grade:	2	51	54	
	Fifth Grade:	2	51	54	
PK-8 ONLY	Sixth Grade:	2	51	54	
PK-8 ONLY	Seventh Grade:	2	54	54	
PK-8 ONLY	Eighth Grade:	2	53	54	
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1		
	Gym Platform/Stage:	Y	1		
	Multi-purpose:	N	0		
PK-8 ONLY	Boys PE Locker Room:	Y	1		
PK-8 ONLY	Girls PE Locker Room:	Y	1		
PK-8 ONLY	Non-Binary PE Locker Room:	N	0		
PK-8 ONLY	Boys Athletic Locker Room:	N	0		
PK-8 ONLY	Girls Athletic Locker Room:	N	0		
PK-8 ONLY	Non-Binary Athletic Locker Room:	N	0		
	Cafeteria:	Y	1		
	Cafeteria Platform/Stage:	Y	1		
	Cooking Kitchen:	N	0		
	Warming Kitchen:	Y	1		
	Library/ MC:	Y	1		
	Computer Lab:	N	0		
	Auditorium with Stage:	N	0		
	Other:				
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	Y	1		
	Music:	Y	1		
	Science:	Y	1		
	World Language:	Y	1		
	STEM/ Maker Space:	Y	1		
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N	0		
Resource Rooms:	Y	2		
ESL:	Y	1		
Speech:	Y	1		
Tutor:	N	0		
Coaches:	Y	1		
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	1		list any space deficiencies within the suite
Nurse Suite:	Y	1		list any space deficiencies within the suite
School-Based Health Clinic:	Y	1		list any space deficiencies within the suite
Faculty Work Room:	Y	1		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Mauro-Sheridan			
SCHOOL ADDRESS:	191 Fountain Street			
PRINCIPAL NAME:	Sandy Kaliszewski	**PHONE NO./ EMAIL**	475-220-2810	sandy.kaliszewski@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	3	53	60	
	Kindergarten:	2	42	52	
	First Grade:	3	44	52	Size reduced via Esser Grant 2yr
	Second Grade:	3	50	54	Size reduced via Esser Grant 2yr
	Third Grade:	3	53	54	Size reduced via Esser Grant 2yr
	Fourth Grade:	2	46	54	
	Fifth Grade:	2	52	54	
PK-8 ONLY	Sixth Grade:	2	47	54	
PK-8 ONLY	Seventh Grade:	3	66	81	
PK-8 ONLY	Eighth Grade:	3	63	81	
	Unassigned Classrooms:	1			Read 180

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Yes	1	6 classes	Two teachers use gym full day
	Gym Platform/Stage:	Yes	1	3-4 classes	Theater sometimes uses stage
	Multi-purpose:				
PK-8 ONLY	Boys PE Locker Room:	Yes	1		
PK-8 ONLY	Girls PE Locker Room:	Yes	1		
PK-8 ONLY	Non-Binary PE Locker Room:				
PK-8 ONLY	Boys Athletic Locker Room:				
PK-8 ONLY	Girls Athletic Locker Room:				
PK-8 ONLY	Non-Binary Athletic Locker Room:				
	Cafeteria:	Yes	1		
	Cafeteria Platform/Stage:				
	Cooking Kitchen:	Yes	1		Cafeteria warms and cooks
	Warming Kitchen:	*Yes*			
	Library/ MC:	Yes	1		
	Computer Lab:				
	Auditorium with Stage:				
	Other:				
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	1	1		
	Music:	2	2		One music and one band room
	Science:	Yes	2		
	World Language:				Languages meet in content classrooms
	STEM/ Maker Space:	Yes	1		Used for Science Discovery Classes
	Video Lab	Yes	1		Used for Magnet Enrichment
	Applied Tech Room	Yes	1		Used for Magnet Enrichment/TAG

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:				
Resource Rooms:	Yes	5		Small spaces combined w office
ESL:	Yes	1		Office used as resource
Speech:				Use resource rooms/offices
Tutor:				Use library/classrooms/hall
Coaches:	Yes	3		Office spaces/storage for materials
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y			list any space deficiencies within the suite
Nurse Suite:	Y			list any space deficiencies within the suite
School-Based Health Clinic:	Y			list any space deficiencies within the suite
Faculty Work Room:	Y	1		Uses a small resource room
Parent Resource	Y	1		Uses Faculty Work Room

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Dr. R. Mayo School		
SCHOOL ADDRESS:	185 Goffe Street		
PRINCIPAL NAME:	Monique Brunson	**PHONE NO./ EMAIL**	475-220-7900/ monique.brunson@new-haven.k12.ct.us

	Grade Level Classrooms:	No. of Classrooms	2022-23 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
	Pre-K:	28	396	476	Assumes each PK classroom can support 20 students, but per Head Start Grant our cap is 17 students per class. Please indicate the number of PreK classrooms in the corresppnding column and the PreK enrollment for those specific classrooms in the next column to the right. The note above states 16 max for PreK, but the number to the immediate left is 17. Please clarify.
	Kindergarten:				Assumes each K classroom can support 20 students Please indicate the number of K classrooms in the corresppnding column and the K enrollment for those specific classrooms in the next column to the right.
	First Grade:				Assumes each 1st Gr classroom can support 20 students Please indicate the number of Gr. 1 classrooms in the corresppnding column and the Gr. 1 enrollment for those specific classrooms in the next column to the right
	Second Grade:				
	Third Grade:				
	Fourth Grade:				
	Fifth Grade:				
PK-8 ONLY	Sixth Grade:				
PK-8 ONLY	Seventh Grade:				
PK-8 ONLY	Eighth Grade:				
	Unassigned Classrooms:				

green text are edits received from the Principal on 1/13/23, added to this version of the survey

	Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
	Gymnasium:	y	1	0	Stage, gym, multipurpose (same area)Our school is an all preschool, we use the space as a multi purpose room. Is the space a full-sized gymnasium with a basketball court, or strictly a multi-purpose room?
	Gym Platform/Stage:	y	1	0	Stage, gym, multipurpose (same area)
	Multi-purpose:	Y			Stage, gym, multipurpose (same area)

PK-8 ONLY	Boys PE Locker Room:	N			
	Girls PE Locker Room:	N			
	Non-Binary PE Locker Room:	N			
	Boys Athletic Locker Room:	N			
	Girls Athletic Locker Room:	N			
	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	N			
	Cafeteria Platform/Stage:	N			
	Cooking Kitchen:	Y	1		Kitchen, office and
	Warming Kitchen:	N			
	Library/ MC:	Y	1		
	Computer Lab:	Y	1		For adult use, parents can use the room as it is the computer/ Parent room. Students do not use this space. Please elaborate, is this space not for student use at all? Community adult use?
	Auditorium with Stage:	N			
	Other:	Staff Lounge	1		
	Other:	Gross Motor Room	1		
	Other:				

Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
Art:	N			Art is on a cart
Music:	N			Music is on a cart
Science:	N			N/A
World Language:	N			N/A
STEM/ Maker Space:	N			N/A
Other:				
Other:				

Special Education:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
Self-Contained Classrooms:	Y	6	N/A	101 and 102 have AM and PM classes There are 6 self-contained classroom but two of them have am/pm classes (101 and 102). Think of each class as 1 class that has been divided in 2 So 6 classrooms with morning and afternoon classes, for a total of 12 classes? Are the students using these self contained SPEC classrooms in the enrollment count above, or are these students counted separately? If the latter, what is the student count in total (both AM & PM)?
Resource Rooms:	Y	1	10	Shared with ESL The space is for special education students who need resource time. No ESL classes are taught. How many ESL classes are taught daily?
ESL:	N			
Speech:	N			
Tutor:	N			

Coaches:	Y	1	N/A	Support is provided in class. The coaches have an office space. So no separate office space for coaches?
Other:	Y	1	N/A	2/1 ratio / service providers
Other:				

Support Spaces:	**Y/N**	**No. of rooms**		**Remarks**
Administrative Suite	Y	1		Conference room across from office
Nurse Suite:	Y	1		3 office pods
School-Based Health Clinic:	Y			3 rooms
Faculty Work Room:	N			Space located within the library and parent room

General Comments:

We have an office suite area located on the second floor with 10 offices for our family service workers.
This is only for Mayo parents
Is this a district-wide resource? Or strictly for Mayo families?

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

HIGH SCHOOL NAME:)politan Business Academy
SCHOOL ADDRESS: 115 Water Street
SCHOOL SCHEDULE: Indicate the number of periods per day
PRINCIPAL NAME: Sequella H. Coleman PHONE NO./ EMAIL: 4752207710 colemans@new-haven.k12.ct.us

General Classrooms:	No. of Classrooms	2021-22 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
Language Arts/ English:	4		27 is the classroom	the 01 and 02 classrooms are smaller
Math:	4			
Social Studies:	3			
World Language:	4			
Physics Class/Lab:	1	Shares w Phy Chem		Classrooms are lab equiped
Earth Science Class/Lab:	1			Classrooms are lab equiped
Biology Class/Lab:	2			Classrooms are lab equiped
Chemistry Class/Lab:	1	Shares w/Biology		Classrooms are lab equiped
Unassigned Classrooms:	0			
Other:				
Other:				

Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
Gymnasium:	Y	1	0	Scoreboard Is still broken and a basketball hoop is
Multi-purpose:	N	0		
Boys PE Locker Room:	Y	1		
Girls PE Locker Room:	Y	1		
Non-Binary PE Locker Room:	N	0		
Boys Athletic Locker Room:	N	0		
Girls Athletic Locker Room:	N	0		
Non-Binary Athletic Locker Room:	N	0		
Cafeteria:	Y	1	2	
Cooking Kitchen:	Y	1		
Warming Kitchen:	N	0		
Library/ MC:	Y	4		
Computer Lab:	Y	1		in library used as a classroom
Auditorium with Stage:	N	0		
Other: Lecture Hall	Y	1		Capacity 100
Other:				
Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
2D-Art:	N	0		
3D-Art	N	0		
Graphic Arts/ Computer Lab:	Y	3		
Ceramics:	N	0		
Choral:	N	0		
Band:	N	0		
Orchestra:	N	0		
General Music:	N	0		
MIDI Lab (Keyboards):	N	0		
STEM/ Maker Space:	Y	part of library		
Health Classroom:	N	0		Health teacher shares 3 classrooms
CTE/ Business	Y	3		1 is a studio
CTE/ :	y	1		old studio
CTE/ Pathway Space:				
CTE/ Pathway Space:				
Other:Drama	Y	1 computer lab	in library	
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	0		
Resource Rooms: (pull-out instruction)	Y	3		All small rooms 10 -12 max
ESL/ Bi-Lingual Classroom:	Y	1		small room
OT/PT Room:	N	0		
Life Skills Classroom/ Lab:	N	0		Indicate if separate lab and classrooms
Speech:	N	0		uses room in library
Tutor:	N	0		
Coaches:	N	0		
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	4		Principal's office is very small
Nurse Suite:	Y	1		Space is not divided for privacy. Had bathroom
School-Based Health Clinic:	N	0		
Guidance Suite:	Y	5		Bubble conference room is useful
Faculty Work Room:	Y	2		Very nice spaces

General Comments:	This report should be used with the building plans marked .

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Nathan Hale		
SCHOOL ADDRESS:	480 Townsend Avenue		
PRINCIPAL NAME:	Tara Cass	**PHONE NO./ EMAIL:**	475-220-4200

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	3	49	32	
	Kindergarten:	2	49	40	
	First Grade:	2	49	48	
	Second Grade:	2	49	48	
	Third Grade:	3	67	48	
	Fourth Grade:	2	47	48	
	Fifth Grade:	2	52	48	5th-8th are departmentalized, so this only accounts for Home Rooms
PK-8 ONLY	Sixth Grade:	3	72	48	5th-8th are departmentalized, so this only
PK-8 ONLY	Seventh Grade:	2	52	48	5th-8th are departmentalized, so this only accounts for Home Rooms
PK-8 ONLY	Eighth Grade:	2	54	48	5th-8th are departmentalized, so this only accounts for Home Rooms
	Unassigned Classrooms:				

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Y	1		
	Gym Platform/Stage:	N			
	Multi-purpose:	N			
PK-8 ONLY	Boys PE Locker Room:	Y	1		
PK-8 ONLY	Girls PE Locker Room:	Y	1		
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	N			
PK-8 ONLY	Girls Athletic Locker Room:	N			
PK-8 ONLY	Non-Binary Athletic Locker Room:	N			
	Cafeteria:	Y	1		
	Cafeteria Platform/Stage:	N			
	Cooking Kitchen:	Y	1		All within same space
	Warming Kitchen:	Y	1		All within same space
	Library/ MC:	Y	1		
	Computer Lab:	Y	1		
	Auditorium with Stage:	Y	1		
	Other:	Y	1		Main Office general space
	Other:				
	Other:				

	Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
	Art:	Y	1		
	Music:	Y	1		
	Science:	Y	1		
	World Language:	Y	1		
	STEM/ Maker Space:	N			
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	1		
Resource Rooms:	Y	3		
ESL:	Y	1		
Speech:	Y	1		
Tutor:	N			
Coaches:	Y	2		
Other:	Y	1		OT/PT room
Other:	Y	1		Read 180

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	7		This suite contains offices that have been included
Nurse Suite:	Y	2		Nurse's office and isolation room
School-Based Health Clinic:	N			list any space deficiencies within the suite
Faculty Work Room:	Y			
Other:	Y	1		Assistant Principal's Office

General Comments:
Administrator completing this chart only has access to 2022-23 enrollment data for Hale. Therefore, these counts reflect enrollment data for the current school year.

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

HIGH SCHOOL NAME:	NHA		
SCHOOL ADDRESS:	444 Orange Steet		
SCHOOL SCHEDULE:	6		
PRINCIPAL NAME:	Greg Baldwin	**PHONE NO./ EMAIL**	475-220-6610 / Gregory.Baldwin@nhboe.net

General Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
Language Arts/ English:	4	319		
Math:	5	319		
Social Studies:	4	319		
World Language:	2	319		
Physics Class/Lab:	1	319		Indicate if separate lab and classrooms
Earth Science Class/Lab:	1	319		Indicate if separate lab and classrooms
Biology Class/Lab:	1	319		Indicate if separate lab and classrooms
Chemistry Class/Lab:	1	319		Indicate if separate lab and classrooms
Unassigned Classrooms:				
Other:				
Other:				

Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
Gymnasium:	Y	1		
Multi-purpose:	N			
Boys PE Locker Room:	Y	1		
Girls PE Locker Room:	Y	1		
Non-Binary PE Locker Room:	N			
Boys Athletic Locker Room:	N			
Girls Athletic Locker Room:	N			
Non-Binary Athletic Locker Room:	N			
Cafeteria:	Y		3	
Cooking Kitchen:	N			
Warming Kitchen:	Y			
Library/ MC:	Y	1		
Computer Lab:	Y	2		
Auditorium with Stage:	Y	1		Auditorium is the gym
Other:				
Other:				
Other:				

Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
2D-Art:	Y	1		
3D-Art	N			
Graphic Arts/ Computer Lab:	N			
Ceramics:	N			
Choral:	N			
Band:	N			
Orchestra:	N			
General Music:	N			
MIDI Lab (Keyboards):	N			
STEM/ Maker Space:	N			

Health Classroom:	N			
CTE/ Pathway Space:	Y	1		Indicate CTE/Pathway space name
CTE/ Pathway Space:	N			Indicate CTE/Pathway space name
CTE/ Pathway Space:	N			Indicate CTE/Pathway space name
CTE/ Pathway Space:	N			Indicate CTE/Pathway space name
Other:				
Other:				
Other:				

Special Education:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
Self-Contained Classrooms:	N			
Resource Rooms: (pull-out instruction)	Y/N	3		
ESL/ Bi-Lingual Classroom:	N			
OT/PT Room:	N			
Life Skills Classroom/ Lab:	N			Indicate if separate lab and classrooms
Speech:	N			
Tutor:	N			
Coaches:	N			
Other:				
Other:				

Support Spaces:	**Y/N**	**No. of rooms**		**Remarks**
Administrative Suite	Y	4		list any space deficiencies within the suite
Nurse Suite:	Y			list any space deficiencies within the suite
School-Based Health Clinic:	N			list any space deficiencies within the suite
Guidance Suite:	Y	3		list any space deficiencies within the suite
Faculty Work Room:	Y	1		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

HIGH SCHOOL NAME:	Riverside Academy			
SCHOOL ADDRESS:	103 Hallock Ave			
SCHOOL SCHEDULE:	Indicate the number of periods per day			
PRINCIPAL NAME:	Derek Stephenson	**PHONE NO./ EMAIL**	475-220-6700	derek.stephenson@new-haven.k12.ct.us

General Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
Language Arts/ English:	2	110	54	
Math:	2	115	54	
Social Studies:	2	75	54	
World Language:	1	58	27	
Physics Class/Lab:	0	0		Indicate if separate lab and classrooms
Earth Science Class/Lab:	0	0		Indicate if separate lab and classrooms
Biology Class/Lab:	1	68	24	Indicate if separate lab and classrooms
Chemistry Class/Lab:	1	26	24	Indicate if separate lab and classrooms
Unassigned Classrooms:	0			
Other:				
Other:				

Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
Gymnasium:	N	0	0	
Multi-purpose:	Y	1	1	
Boys PE Locker Room:	N	0		
Girls PE Locker Room:	N	0		
Non-Binary PE Locker Room:	N	0		
Boys Athletic Locker Room:	N	0		
Girls Athletic Locker Room:	N	0		
Non-Binary Athletic Locker Room:	N	0		
Cafeteria:	y	1	1	
Cooking Kitchen:	y	1		
Warming Kitchen:	n	0		
Library/ MC:	n	0		
Computer Lab:	n	0		
Auditorium with Stage:	n	0		
Other:				
Other:				
Other:				

Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
2D-Art:	n	0		
3D-Art	y	1		
Graphic Arts/ Computer Lab:	n	0		
Ceramics:	n	0		
Choral:	n	0		
Band:	n	0		
Orchestra:	n	0		
General Music:	n	0		
MIDI Lab (Keyboards):	n	0		
STEM/ Maker Space:	n	0		

Health Classroom:	y	1		
CTE/ Pathway Space:				Indicate CTE/Pathway space name
CTE/ Pathway Space:				Indicate CTE/Pathway space name
CTE/ Pathway Space:				Indicate CTE/Pathway space name
CTE/ Pathway Space:				Indicate CTE/Pathway space name
Other:				
Other:				
Other:				

Special Education:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
Self-Contained Classrooms:	n	0		
Resource Rooms: (pull-out instruction)	y	2		
ESL/ Bi-Lingual Classroom:	n	0		
OT/PT Room:	n	0		
Life Skills Classroom/ Lab:	n	0		Indicate if separate lab and classrooms
Speech:	y	1		Shared space w/ Clinician
Tutor:	n	0		
Coaches:	n	0		
Other:				
Other:				

Support Spaces:	**Y/N**	**No. of rooms**		**Remarks**
Administrative Suite	Y	1		Main office connected to Principal office
Nurse Suite:	Y	1		
School-Based Health Clinic:	N	0		
Guidance Suite:	Y	1		small office space
Faculty Work Room:	Y	1		small space w/ a computer SLAM changed "N" to "Y" for faculty Work Room to reflect the reported "1" in the "No. of Rooms" column

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME: Ross Woodward School
SCHOOL ADDRESS: 185 Barnes Avenue
PRINCIPAL NAME: Robert R. Davis **PHONE NO./ EMAIL:** 475-220-3100, robert.davis@new-haven.k12.ct.us

	Grade Level Classrooms:	No. of Classrooms	2021-22 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
	Pre-K:	3	56	32	Assumes each PK classroom can support 16 students
	Kindergarten:	3	76	40	Assumes each K classroom can support 20 students
	First Grade:	4	60	48	Assumes each 1st Gr classroom can support 20 students
	Second Grade:	4	53	48	
	Third Grade:	4	64	48	
	Fourth Grade:	3	68	48	
	Fifth Grade:	3	60	48	
PK-8 ONLY	Sixth Grade:	3	67	48	
PK-8 ONLY	Seventh Grade:	3	53	48	
PK-8 ONLY	Eighth Grade:	3	52	48	
	Unassigned Classrooms:	0			

	Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
	Gymnasium:	Y		2	
	Gym Platform/Stage:	N			
	Multi-purpose:	Y			Café serves as auditorium
PK-8 ONLY	Boys PE Locker Room:	Y	1		
PK-8 ONLY	Girls PE Locker Room:	Y	1		
PK-8 ONLY	Non-Binary PE Locker Room:	N			
PK-8 ONLY	Boys Athletic Locker Room:	Y	1		
PK-8 ONLY	Girls Athletic Locker Room:	Y	1		
PK-8 ONLY	Non-Binary Athletic Locker Room:	0			
	Cafeteria:	Y	1	3 waves	
	Cafeteria Platform/Stage:	Y	1	3 waves	
	Cooking Kitchen:	Y	1		
	Warming Kitchen:	N			
	Library/ MC:	Y			
	Computer Lab:	Y			Within LMC
	Auditorium with Stage:	N			
	AP Office	Y	1		
	Admin Coordinator	Y	1		
	Other:				

	Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
	Art:	Y	1		
	Music:	Y	1		Band room but no instructional music room
	Science:	Y	2		2 Labs
	World Language:	N			
	STEM/ Maker Space:	N			
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	N			
Resource Rooms:	Y	3		
ESL:	Y	1		Located at the back of science lab
Speech:	N			
Tutor:	Y			Former PE closet
Coaches:	Y	2		
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	6		
Nurse Suite:	Y	2		list any space deficiencies within the suite
School-Based Health Clinic:	N			list any space deficiencies within the suite
Faculty Work Room:	Y	2		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

HIGH SCHOOL NAME:	Sound School		
SCHOOL ADDRESS:	60 S. Water St.		
SCHOOL SCHEDULE:	6 periods		
PRINCIPAL NAME:	Marc Potocsky	**PHONE NO./ EMAIL:**	475-220-6800/ marc.potocsky@new-haven.k12.ct.us

General Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
Language Arts/ English:	5	327		16 student max fire codes in rooms
Math:	5	345		16 student max fire codes in rooms
Social Studies:	4	248		16 student max fire codes in rooms
World Language:	4	196		16 student max fire codes in rooms
Physics Class/Lab:	0	8		
Earth Science Class/Lab:	2	87		16 student max fire codes in rooms
Biology Class/Lab:	2	79		16 student max fire codes in rooms
Chemistry Class/Lab:	1	69		16 student max fire codes in rooms
Unassigned Classrooms:	0			
Other: Aqua Science Lab	4	161		16 student max fire codes in rooms
Other:				

Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
Gymnasium:	N			
Multi-purpose:	N			
Boys PE Locker Room:	N			
Girls PE Locker Room:	N			
Non-Binary PE Locker Room:	N			
Boys Athletic Locker Room:	N			
Girls Athletic Locker Room:	N			
Non-Binary Athletic Locker Room:	N			
Cafeteria:	Y	1	3	
Cooking Kitchen:	Y	1		
Warming Kitchen:	N			
Library/ MC:	Y	1		
Computer Lab:	N			
Auditorium with Stage:	N			
Other:				
Other:				
Other:				

Specials:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
2D-Art:	N			
3D-Art	N			
Graphic Arts/ Computer Lab:	N			
Ceramics:	N			
Choral:	N			
Band:	N			
Orchestra:	N			
General Music:	N			
MIDI Lab (Keyboards):	N			
STEM/ Maker Space:	N			

Health Classroom:	N			
CTE/ Pathway Space:	Y	1		Emerson 203 Ocean Engineering
CTE/ Pathway Space:	Y	1		McNeil 307 Aqua Tech 2
CTE/ Pathway Space:	Y	1		Thomas 506 Aqua Tech 1
CTE/ Pathway Space:	Y	1		Foote 725 Marine Construction/Engineering
Other	Y	1		Thomas 431 Dive Shop
Other	Y	1		Thomas 432 Aqua Tech 1 Boat Shop
Other	Y	1		Foote Marine Construction Boat Shop
Other				

Special Education:	**Y/N**	**No. of rooms**	**District Max No. of Students**	**Remarks**
Self-Contained Classrooms:	N			
Resource Rooms: (pull-out instruction)	Y	2	27x2=54	Fire Code Max 16x2=32
ESL/ Bi-Lingual Classroom:	N			
OT/PT Room:	N			
Life Skills Classroom/ Lab:	N			Indicate if separate lab and classrooms
Speech:	N			
Tutor:	N			
Coaches:	N			
Other:				
Other:				

Support Spaces:	**Y/N**	**No. of rooms**		**Remarks**
Administrative Suite	Y	3		
Nurse Suite:	Y	1		list any space deficiencies within the suite
School-Based Health Clinic:	N			list any space deficiencies within the suite
Guidance Suite:	Y	1		list any space deficiencies within the suite
Faculty Work Room:	Y	1		

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME: A.L. Troup School
SCHOOL ADDRESS: 59 Edgewood Avenue
PRINCIPAL NAME: ugene J. Foreman, Jr **PHONE NO./ EMAIL:** 83010 eugene.foreman@nhboe.net

	Grade Level Classrooms:	No. of Classrooms	2021-22 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
	Pre-K:	1	17	19	
	Kindergarten:	2	39	52	
	First Grade:	3	43	52	
	Second Grade:	3	48	52	
	Third Grade:	2	52	54	
	Fourth Grade:	2	49	54	
	Fifth Grade:	2	45	54	
PK-8 ONLY	Sixth Grade:	2	51	54	
PK-8 ONLY	Seventh Grade:	2	52	54	
PK-8 ONLY	Eighth Grade:	2	51	54	
	Unassigned Classrooms:				

	Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
	Gymnasium:	Yes	1	7-8 classes/day	
	Gym Platform/Stage:				
	Multi-purpose:				
PK-8 ONLY	Boys PE Locker Room:	Yes	1		
PK-8 ONLY	Girls PE Locker Room:	Yes	1		
PK-8 ONLY	Non-Binary PE Locker Room:				
PK-8 ONLY	Boys Athletic Locker Room:				
PK-8 ONLY	Girls Athletic Locker Room:				
PK-8 ONLY	Non-Binary Athletic Locker Room:				
	Cafeteria:	Yes	1	4	
	Cafeteria Platform/Stage:				
	Cooking Kitchen:				
	Warming Kitchen:	Yes	1		
	Library/ MC:	Yes	1	2	
	Computer Lab:	Yes	1	3-4 per day	
	Auditorium with Stage:	Yes	1	3 classes per day	
	Other:				
	Other:				
	Other:				

	Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
	Art:	Yes	1		
	Music:				
	Science:	Yes	1		
	World Language:	Yes	1		
	STEM/ Maker Space:				
	Other:				
	Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:				
Resource Rooms:	Yes	1		
ESL:	Yes	1		
Speech:	Yes	1		(office)
Tutor:				
Coaches:	Yes	3		(offices)
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y			list any space deficiencies within the suite
Nurse Suite:	Y			list any space deficiencies within the suite
School-Based Health Clinic:	Y			list any space deficiencies within the suite
Faculty Work Room:	Y	1		list any space deficiencies within the suite

General Comments:

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

ELEMENTARY SCHOOL NAME:	Truman School			
SCHOOL ADDRESS:	114 Truman Street,			
PRINCIPAL NAME:	Kathleen Mattern	**PHONE NO./ EMAIL:**	475-220-2112	Kathleen.mattern@new-haven.k12.ct.us

	Grade Level Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
	Pre-K:	3	50	51	17 students per classroom, not all classrooms have bathrooms
	Kindergarten:	2	45	52	Both classrooms have bathrooms
	First Grade:	2	43	52	Not all classrooms have bathrooms
	Second Grade:	3	53	52	
	Third Grade:	3	48	54	
	Fourth Grade:	3	53	54	
	Fifth Grade:	3	60	54	
PK-8 ONLY	Sixth Grade:	3	50	54	
PK-8 ONLY	Seventh Grade:	3	54	54	Shared space with Grade 8
PK-8 ONLY	Eighth Grade:	3	64	54	Shared space with Grade 7
	Unassigned Classrooms:	0			

	Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
	Gymnasium:	Yes	1	6	Teaching only, no lunch waves, always busy and in use
	Gym Platform/Stage:	Yes	1	0	Used for school performances
	Multi-purpose:	No	0	0	
PK-8 ONLY	Boys PE Locker Room:	Yes	1		Requires updating
PK-8 ONLY	Girls PE Locker Room:	Yes	1		Requires updating
PK-8 ONLY	Non-Binary PE Locker Room:	No	0		
PK-8 ONLY	Boys Athletic Locker Room:	No	0		
PK-8 ONLY	Girls Athletic Locker Room:	No	0		
PK-8 ONLY	Non-Binary Athletic Locker Room:	No	0		
	Cafeteria:	Yes	1	4	No Bathrooms or Water Fountains in Cafeteria
	Cafeteria Platform/Stage:	No	0	0	
	Cooking Kitchen:	Yes	1		
	Warming Kitchen:	No	0		
	Library/ MC:	Yes	1	60	Tables and chairs with several individual work stations, furniture needs updating and replacement.
	Computer Lab:	Yes	1	27	Currently being used as a full-time classroom
	Auditorium with Stage:	No	0	0	

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
Art:	Yes	2	54	Used by K-8
Music:	Yes	1	27	Used by K-8
Science:	Yes	1	27	Used by 7/8 grade only
World Language:	Yes	1	27	Used by 7/8 grade only
STEM/ Maker Space:	No	0		
Other: Band	Yes	1	27	
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	No	0		
Resource Rooms:	Yes	2		Small classrooms
ESL:	Yes	1		Small office
Speech:	Yes	1		Small office
Tutor:	Yes	2		Small office
Coaches:	Yes	2		Small office
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Yes			no meeting space
Nurse Suite:	Yes			combined with Health Clinic
School-Based Health Clinic:	Yes			combined with nurse suite
Faculty Work Room:	Yes	1		small area due to classroom needs

General Comments:

Truman School was expanded and remodeled as of 2004. Currently, all space that is available for classroom and office usage is being occupied. Additionally, the computer lab was transformed in to a classroom to accommodate the needs of a growing student population. The previous staff room was converted to classroom space and the staff room was relocated to a smaller office space. There are several maintenance issues that are reoccurring; leaking roof on original building; LED light replacement that still requires punch list items complete; ongoing heating and air conditioning issues that include system balancing and units replaced; updates to the ICER rooms are also necessary to protect the computer network: the HVAC in each room needs repair/replacement; all the battery/surge systems are outdated/not working and need replacement; school wide classroom clock system does not work.

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

HIGH SCHOOL NAME:	Wilbur Cross			
SCHOOL ADDRESS:	181 Mitchell Drive			
SCHOOL SCHEDULE:	4 blocks per day			
PRINCIPAL NAME:	Kermit Carolina	**PHONE NO./ EMAIL**	475-220-7400	

General Classrooms:	**No. of Classrooms**	**2021-22 Enrollment by Grade Level (All classrooms combined)**	**District Max No. of Students**	**Remarks**
Language Arts/ English:	67	See below.	27	16 teachers sharing classrooms. Classrooms are not specified as English only, but typically are shared departmentally.
Math:	67		27	16 teachers sharing classrooms. Classrooms are not specified as English only, but typically are shared departmentally.
Social Studies:	67		27	15 teachers sharing classrooms. Classrooms are not specified as English only, but typically are shared departmentally.
World Language:	67		27	13 teachers including several vacancies. Classrooms are not specified as World Language only, but are generally shared departmentally
Physics Class/Lab:	1		24	All science classrooms have lab spaces. Teachers can hold multiple certifications. We also have one vacancy
Earth Science Class/Lab:	3		24	All science classrooms have lab spaces. Teachers can hold multiple certifications. We also have one vacancy
Biology Class/Lab:	3		24	All science classrooms have lab spaces. Teachers
Chemistry Class/Lab:	3		24	All science classrooms have lab spaces. Teachers
Unassigned Classrooms:	0			
SPED / Resource	67			
Other:				

Common Spaces:	**Y/N**	**No. of rooms**	**No. of Teaching stations/ lunch waves**	**Remarks**
Gymnasium:	Y	2	N/A	
Multi-purpose:	Y			Atrium area used for lunch or auxillary classroom space when needed
Boys PE Locker Room:	Y			
Girls PE Locker Room:	Y			
Non-Binary PE Locker Room:	N			Multiple gender neutral bathrooms throughout building
Boys Athletic Locker Room:	Y			
Girls Athletic Locker Room:	Y			
Non-Binary Athletic Locker Room:	N			
Cafeteria:	Y			
Cooking Kitchen:	Y			
Warming Kitchen:	Y			
Library/ MC:	Y	4		Contains spaces for classes, prayer room for students, and storage for library

Computer Lab:	Y	4		
Auditorium with Stage:	Y			
Other: Atrium Space				
Other:				
Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
2D-Art:	Y	3		All 2-D, 3-D in same art room
3D-Art	N			
Graphic Arts/ Computer Lab:	Y	1		
Ceramics:	Y			Kiln is in art room identified above
Choral:	Y	1		
Band:	Y	1		
Orchestra:	N			All music is in band room or shared classroom space in library
General Music:	N			
MIDI Lab (Keyboards):	N			
STEM/ Maker Space:	N			
Health Classroom:	N			Health classes are in shared space listed in above number
CTE/ Pathway Space:	Y	1	15	Automotive
CTE/ Pathway Space:	Y	1	15	Woodworking
CTE/ Pathway Space:	Y	1		Manufacturing - shared with Automotive space
CTE/ Pathway Space:	N			Indicate CTE/Pathway space name
Other: College and Career Cer	Y	1		
Other: Print Shop	Y	1		
Other: Pool	Y			

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	2		
Resource Rooms: (pull-out instruction)	N			Resource are classroom spaces listed above (67)
ESL/ Bi-Lingual Classroom:	Y			
OT/PT Room:	Y	1		Low Vision Room accomodates this
Life Skills Classroom/ Lab:	N			Life Skills is in a classroom space, not lab space
Speech:	Y	1		
Tutor:	N			
Coaches:	Y	3		Track, Football, and Athletic supervisor shared space
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	3		Large conference room, small conference room, principal's office
Nurse Suite:	Y	3		N/A
School-Based Health Clinic:	Y			N/A
Guidance Suite:	Y	8		N/A
Faculty Work Room:	Y	4		N/A

General Comments:

All of the classroom spaces in the school service all departments. Enrollment total is 1640 (9th = 488, 10th = 445, 11th = 365, 12th = 342). All building / space deficiencies are reported to Schooldude. Spacing deficiencies are insufficient with Chemistry as only three teachers can teach at one time. Science specialized rooms are restrictive. Ideally every science space should be outfitted to service every science need. Life Skills program needs a lab space with working kitchen and sink. Visual Arts class enrollment is very full - more art space is needed. Health classes ideally need more space for CPR certification possibility. Ultimately, every space in the building is used with high frequency and servicing a high percentage of total students at any one time. Spacing is very limited.

New Haven Long Range Facility Planning Study - School Capacity Questionnaire

INSTRUCTIONS: Please fill in the yellow cells with the requested data. If an indicated space doesn't exist in your school, please leave the cell blank. Add special comments in the remarks column.

MIDDLE SCHOOL NAME: Wexler-Grant Cmty School
SCHOOL ADDRESS: 55 Foote Street New Haven CT 06511
SCHOOL SCHEDULE: Indicate the number of periods per day: 7
PRINCIPAL NAME: David Diah **PHONE NO./ EMAIL** 475-220-5600 David.Diah@new-haven.k12.ct.us

General Classrooms:	No. of Classrooms	2021-22 Enrollment by Grade Level (All classrooms combined)	District Max No. of Students	Remarks
Language Arts/ English:	14	318	394	
Math:	14	318	394	
Social Studies:	6	244	268	
World Language:	0	0	0	
Physics Class/Lab:	0	0	0	Indicate if separate lab and classrooms
Earth Science Class/Lab:	14	318	394	Indicate if separate lab and classrooms
Life Science Class/Lab:	4	164	184	Indicate if separate lab and classrooms
Unassigned Classrooms:				
Other:				
Other:				

Common Spaces:	Y/N	No. of rooms	No. of Teaching stations/ lunch waves	Remarks
Gymnasium:	Y	1	3	
Multi-purpose:	N	0		
Boys PE Locker Room:	Y	1		
Girls PE Locker Room:	Y	1		
Non-Binary PE Locker Room:	N	0		
Boys Athletic Locker Room:	N	0		
Girls Athletic Locker Room:	N	0		
Non-Binary Athletic Locker Room:	N	0		
Cafeteria:	Y	1		
Cooking Kitchen:	Y	1		
Warming Kitchen:	Y	1		
Library/ MC:	Y	1		
Computer Lab:	Y	1		
Auditorium with Stage:	Y	1		
Other:				

Specials:	Y/N	No. of rooms	District Max No. of Students	Remarks
2D-Art:	Y	1	318	
3D-Art	N	0		
Graphic Arts/ Computer Lab:	Y	1		
Ceramics:	N	0		
Choral:	N	0		
Band:	Y	1	46	
Orchestra:	N	0		
General Music:	Y	1	318	
MIDI Lab (Keyboards):	N	0		
STEM/ Maker Space:	Y	1	318	
Health Classroom:	Y	1	46	
Other:				
Other:				

Special Education:	Y/N	No. of rooms	District Max No. of Students	Remarks
Self-Contained Classrooms:	Y	1	12	
Resource Rooms: (pull-out instruction)	Y	2	65	
ESL/ Bi-Lingual Classroom:	Y	1	15	
OT/PT Room:	Y	1	10	
Life Skills Classroom/ Lab:	Y	1	12	Indicate if separate lab and classrooms
Speech:	Y	1		
Tutor:	Y	1	2	
Coaches:	y	2	2	
Other:				
Other:				

Support Spaces:	Y/N	No. of rooms		Remarks
Administrative Suite	Y	9		list any space deficiencies within the suite
Nurse Suite:	Y	1		list any space deficiencies within the suite
School-Based Health Clinic:	N	0		list any space deficiencies within the suite
Faculty Work Room:	Y	1		list any space deficiencies within the suite

General Comments:

Appendix D

Curriculum / Facility Alignment Questionnaire

New Haven Long Range Facility Planning Study (LRFPS)

Curriculum/ Facility Alignment Questionnaire

Department: [Multilingual Learners]

Department Head: [Pedro Mendia Landa], [475-220-1134], [pedro.mendia@nhboe.net]

Purpose: The purpose of this survey is for the LRFPS team to understand the physical plant needs to align with district curriculum requirements. Please respond to the following questions and include as much detail as you can about specific buildings, spaces and facility needs.

Identify:

- Space disparities/ inequities between buildings;
- Buildings where spaces have, or need to be repurposed/reconfigured to support an alternate use;
- New programs planned for a specific building and corresponding space requirements;

Instructions: Please type your Responses in the cell adjacent to "R:" under each question. The cell is expandable, and will grow as you type. Save a copy of this template file to include a filename suffix for your department as follows: "NHLRFPS-CurriculumSurvey-DEPARTMENT.docx", where 'DEPARTMENT" is replaced with your department name (i.e. ART, MUSIC, SCIENCE, etc.).

1.	Which schools and spaces are functioning the best for your program?
R:	
2.	Which schools and spaces are not meeting the needs for your program?
R:	Central office. Every incoming student enrolling in NHPS who during the registration process responds to one of the Home Language Survey questions in the affirmative as a speaker of another language other than English, must be screened to determine if they qualify for services. Currently, the bilingual examiner has a private office where she can complete this process. Due to the transfer from the 8th to the 3rd floor, she will no longer be able to so privately. The bilingual examiner (Susanna Negrón needs an easily accessible private testing area as close to the Choice and Enrollment office.
3.	Which schools are lacking adequate space for your essential programs?
R:	Side by Side schools (Obama- K/1, Truman-Grade 3, Clinton G2/3) cannot put language partners next to each other. Ideally each classroom should be side-by-side to maximize instructional time and decrease transition times. Almost all the schools do not have a spot for the SLI (Spanish Literacy Intervention) tutors or ESL tutors. FAME-gr 1/2 in a tiny room, Truman grade bilingual 3 in a tiny room, Clinton bilingual grades 2/3 in the computer room. Side by Side 2/3 need to be next to each other Truman and Obama need a room for ESL Clemente- needs a room for an ESL teacher Edgewood- no room for the ESL teacher Ross Woodward - no room for the ESL teacher

4.	What new programs have been approved to move forward, but do not have adequate space?
R:	Martinez grade 4/5, Clinton grade 5 so they can have a side by side grade 4/5, hill central grade 4/5, Obama grade 4,

New Haven Long Range Facility Planning Study (LRFPS)

Curriculum/ Facility Alignment Questionnaire

Department: Literacy Department

Department Head: Lynn Brantley, 203-640-1556, lynn.brantley@new-haven.k12.ct.us

Purpose: The purpose of this survey is for the LRFPS team to understand the physical plant needs to align with district curriculum requirements. Please respond to the following questions and include as much detail as you can about specific buildings, spaces and facility needs.

Identify:

- Space disparities/ inequities between buildings;
- Buildings where spaces have, or need to be repurposed/reconfigured to support an alternate use;
- New programs planned for a specific building and corresponding space requirements;

Instructions: Please type your Responses in the cell adjacent to "R:" under each question. The cell is expandable and will grow as you type. Save a copy of this template file to include a filename suffix for your department as follows: "NHLRFPS-CurriculumSurvey-DEPARTMENT.docx," where 'DEPARTMENT" is replaced with your department name (I.e. ART, MUSIC, SCIENCE, etc.).

1.	Which schools and spaces are functioning the best for your program?
R:	Elementary schools function best except for our intervention programs. Many are displaced due to adding ESSER teachers to grade 1-3, which then bumped intervention programs to traveling spaces.
2.	Which schools and spaces are not meeting the needs for your program?
R:	Spaces are now defined for housing material for ELA programs inclusive of Summer School. The South Bldg. Wooster St. Was successfully used as this space and is now being once again moved due to staff moving off the eighth floor of BOE.
3.	Which schools are lacking adequate space for your essential programs?
R:	N/A all schools have adequate space unless defined by an individual school survey
4.	What new programs have been approved to move forward, but do not have adequate space?
R:	N/A

New Haven Long Range Facility Planning Study (LRFPS)

Curriculum/ Facility Alignment Questionnaire

Department: Mathematics

Department Head: Monica Joyner

Purpose: The purpose of this survey is for the LRFPS team to understand the physical plant needs to align with district curriculum requirements. Please respond to the following questions and include as much detail as you can about specific buildings, spaces and facility needs.

Identify:

- Space disparities/ inequities between buildings.
- Buildings where spaces have, or need to be repurposed/reconfigured to support an alternate use;
- New programs planned for a specific building and corresponding space requirements.

Instructions: Please type your Responses in the cell adjacent to "R:" under each question. The cell is expandable and will grow as you type. Save a copy of this template file to include a filename suffix for your department as follows: "NHLRFPS-CurriculumSurvey-DEPARTMENT.docx," where 'DEPARTMENT" is replaced with your department name (I.e. ART, MUSIC, SCIENCE, etc.).

1.	Which schools and spaces are functioning the best for your program?
R:	As far as I know, the schools are functioning as needed for the mathematics program. I have not been in the position long enough while school is in session (a week and a half) to give a more thorough assessment.
2.	Which schools and spaces are not meeting the needs for your program?
R:	Wooster South, which is designated as the new office space for the math department, is currently uninhabitable. Therefore, we have no consistent space to work out of. A walkthrough was held yesterday to discuss the requests and impending changes to the space so that it can become a useful space for the 5 people who need it. Currently my district math coaches work wherever someone offers them a space to work. I, the supervisor, occasionally use the cubicle on the 3rd floor which is not conducive to the work of a Math Supervisor or I go over to Wooster North where the phones and internet consistently shut down and reboot in the middle of working. At one point, it shut down 8 times in an hour. My secretary also migrates between the 3rd floor cubicle and the temporary space in Wooster North.
3.	Which schools are lacking adequate space for your essential programs?
R:	

New Haven Long Range Facility Planning Study (LRFPS)

Curriculum/ Facility Alignment Questionnaire

4.	What new programs have been approved to move forward, but do not have adequate space?
R:	

New Haven Long Range Facility Planning Study (LRFPS)

Curriculum/ Facility Alignment Questionnaire

Department: Performing and Visual Arts

Department Head: Ellen Maust
475-22-1262 [office]
203-415-8949 [cell]
ellen.maust@new-haven.k12.ct.us

Purpose: The purpose of this survey is for the LRFPS team to understand the physical plant needs to align with district curriculum requirements. Please respond to the following questions and include as much detail as you can about specific buildings, spaces and facility needs.

Identify:

- Space disparities/ inequities between buildings;
- Buildings where spaces have, or need to be repurposed/reconfigured to support an alternate use;
- New programs planned for a specific building and corresponding space requirements;

Instructions: Please type your Responses in the cell adjacent to "R:" under each question. The cell is expandable, and will grow as you type. Save a copy of this template file to include a filename suffix for your department as follows: "NHLRFPS-CurriculumSurvey-DEPARTMENT.docx", where 'DEPARTMENT" is replaced with your department name (i.e. ART, MUSIC, SCIENCE, etc.).

1.	Which schools and spaces are functioning the best for your program?
R:	- Fair Haven stage and auditorium - Cross Arts wings and auditorium - Davis Arts wing - BRAMS
2.	Which schools and spaces are not meeting the needs for your program?
R:	- Fair haven black box needs to be refurbished. None of the stage lights work and most of the fluorescent lights are out. The space should be a showcase of our PVA department, but it is not functional (even before it was used for storage.) - Hillhouse auditorium needs an upgrade. Lighting is inadequate, especially at the front of the stage. Sound system needs to be installed. Auditorium seating needs to be repaired. - Conte auditorium needs lights - Davis Drama is taking place in the little entry to the performing space. - The Troup Art room is huge! There is a sink on both sides and the room is fairly symmetrical. Is it possible to split it so we can go back to having 2 Art teachers there or a space so both music teachers can be accommodated? - Troup auditorium is being used for music classes, but that means the stage cannot be used as another instructional space. Is it possible to install a partition wall on the stage?
3.	Which schools are lacking adequate space for your essential programs?
R:	- Arts instruction is essential and many schools do not have adequate facilities for engaging students. We have several schools where music rooms are being used as classrooms and

	some where the art rooms have been taken. Almost none of the k-8 school have the original Arts spaces which they had when they were built. It is hard to recruit and retain Arts staff with inadequate facilities. - Nathan Hale needs space for band and dance/drama. Using the all-purpose room for instruction hinders its use for any other programming. - Kilns need to be inspected and repaired. We proudly built schools with kilns, but most of them no longer function.
4.	What new programs have been approved to move forward, but do not have adequate space?
R:	- There has been a band program at F.A. M. E. for a decade. When the school was built, there was not a band. Space for instrumental instruction and storage would benefit instruction. - Both music rooms at Conte/West Hills have been repurposed over the years. The auditorium is being used (and abused) for instructional space and the atrium outside the auditorium is being used for band instruction. There are 3 music teachers at Conte with no music room or storage space.

New Haven Long Range Facility Planning Study (LRFPS)

Curriculum/ Facility Alignment Questionnaire

Department: SCIENCE

Department Head: Richard.therrien@nhboe.net (until Jun 30), robert.mccain@nhboe.net 475-220-1401

Purpose: The purpose of this survey is for the LRFPS team to understand the physical plant needs to align with district curriculum requirements. Please respond to the following questions and include as much detail as you can about specific buildings, spaces and facility needs.

Identify:

- Space disparities/ inequities between buildings;
- Buildings where spaces have, or need to be repurposed/reconfigured to support an alternate use;
- New programs planned for a specific building and corresponding space requirements;

Instructions: Please type your Responses in the cell adjacent to "R:" under each question. The cell is expandable, and will grow as you type. Save a copy of this template file to include a filename suffix for your department as follows: "NHLRFPS-CurriculumSurvey-DEPARTMENT.docx", where 'DEPARTMENT" is replaced with your department name (i.e. ART, MUSIC, SCIENCE, etc.).

1.	Which schools and spaces are functioning the best for your program?
R:	-Currently science department has an office on 8th floor Gateway Center for dept head, and 7 classrooms and wide open area (old kindergarten wing) at 130 Orchard Street for science coach and science kits and materials, and science resource center program manager. The office is well positioned, with desk 5-6 bookshelves, privacy for interviews/meetings, access to kitchen, conference room and other depts (finance, HR, superintendent, etc.). The space at Orchard St (the 4th space for the science kit program in 4 years, has space to spread out and organize materials. -School based: most K8 schools have been refurbished/rebuilt in the last 20 years, providing a relatively nice science lab for the middle school and science discovery room for K6. High schools also have mostly adequate science lab rooms for the classes.
2.	Which schools and spaces are not meeting the needs for your program?
R:	-The science dept office is scheduled to move to part of a space at Wooster St at the end of June, 2022, along with the science coach and materials from 130 Orchard St. This will be an issue: it lacks air conditioning, elevator (science has materials that will need to be brought up and down for training, etc..) access to a conference room/training/meeting area, parking is an issue (supervisors/coaches are expected to be in and out all day to go to schools), it needs to be treated as an office building with regular security, maintenance and cleaning, and is inconvenient for access to other central office depts (finance, HR ,etc..). -130 Orchard Street has been used since Feb 2020, and although the space is adequate, the building is in rough condition, roof leaking in most of the rooms, mold, mice and other vermin, and several security issues/breakins, there has been no regular maintenance/cleaning as well. ** Individual schools will have different needs and issues regarding their programs.

New Haven Long Range Facility Planning Study (LRFPS)

Curriculum/ Facility Alignment Questionnaire

3.	Which schools are lacking adequate space for your essential programs?
R:	Storage for the science central office dept is an issue.. the Wooster St Space can hold some materials, but there is expected to be more materials than can fit in the second floor. At the school level, storage for science materials is a constant issue. In the past five years, science storage rooms at Hillhouse and Cross, for example, have been taken over for use as offices or other spaces, making the classrooms or prep rooms cluttered. (Prep rooms in middle/high school science were never designed as the SOLE storage of science materials/chemicals, but as the place to prepare student activities). When science rooms get cluttered, teachers start to violate OSHA guidelines by storing things ins fume hoods or blocking pathways..
4.	What new programs have been approved to move forward, but do not have adequate space?
R:	The new K5 Smithsonian Science program materials will prove challenging for the K8 schools in terms of space. Each school will be receiving ~ 6-8 pallets of materials in May/June 2022.. they will need to store it somewhere. Then, each elem classroom will be asked to house 4 units, ~5-7 crates of materials and other things. All the 450 classrooms will have issues with this, unless a school has another storage space.. and then, the farther the materials are away from the teacher, the less likely there is to be fidelity of implementation. Refurbishing these materials will also be a challenge, since schools have no storage for extra materials.

New Haven Long Range Facility Planning Study (LRFPS)

Curriculum/ Facility Alignment Questionnaire

Department: Science

Department Head: Bob McCain

Purpose: The purpose of this survey is for the LRFPS team to understand the physical plant needs to align with district curriculum requirements. Please respond to the following questions and include as much detail as you can about specific buildings, spaces and facility needs.

Identify:

- Space disparities/ inequities between buildings.
- Buildings where spaces have, or need to be repurposed/reconfigured to support an alternate use;
- New programs planned for a specific building and corresponding space requirements.

Instructions: Please type your Responses in the cell adjacent to "R:" under each question. The cell is expandable and will grow as you type. Save a copy of this template file to include a filename suffix for your department as follows: "NHLRFPS-CurriculumSurvey-DEPARTMENT.docx," where 'DEPARTMENT" is replaced with your department name (I.e. ART, MUSIC, SCIENCE, etc.).

1.	Which schools and spaces are functioning the best for your program?
R:	I think we have many schools that are working great but I am so new to this position, I really haven't assessed needs yet.
2.	Which schools and spaces are not meeting the needs for your program?
R:	Wooster South, which is designated as the new office space for the Science department, is currently uninhabitable. Therefore, we have no consistent space to work out of. A walkthrough was held yesterday to discuss the requests and impending changes to the space so that it can become a useful space. Currently the science team is working out of the old Strong School (Orchard St). We have no custodian, phones but it works for now.
3.	Which schools are lacking adequate space for your essential programs?
R:	I know we need to replace all High School Science Labs with State-of-the-Art ones that meet NGSS requirements. We will need equipment, hoods, electricity, electrical, water as most labs are missing these (they don't work). We also need a way to dispose of chemicals (CHO) Middle School Labs also need updating as we hope to adopt a new science program next year

4.	What new programs have been approved to move forward, but do not have adequate space?
R:	Smithsonian Science (K-5) – we have numerous responses for storage space for the large bins and supplies

New Haven Long Range Facility Planning Study (LRFPS)

Curriculum/ Facility Alignment Questionnaire

Department: World Languages

Department Head: Jessica Haxhi, 203-228-2339, Jessica.haxhi@nhboe.net

Purpose: The purpose of this survey is for the LRFPS team to understand the physical plant needs to align with district curriculum requirements. Please respond to the following questions and include as much detail as you can about specific buildings, spaces and facility needs.

Identify:

- Space disparities/ inequities between buildings;
- Buildings where spaces have, or need to be repurposed/reconfigured to support an alternate use;
- New programs planned for a specific building and corresponding space requirements;

Instructions: Please type your Responses in the cell adjacent to "R:" under each question. The cell is expandable, and will grow as you type. Save a copy of this template file to include a filename suffix for your department as follows: "NHLRFPS-CurriculumSurvey-DEPARTMENT.docx", where 'DEPARTMENT" is replaced with your department name (i.e. ART, MUSIC, SCIENCE, etc.).

1.	Which schools and spaces are functioning the best for your program?
R:	Examples: ESUMS, Metro, NHA, (newer buildings with good computer screen placement) For world languages, the most important thing is that it is easy for teachers to plug in to the projector, but also have some white board space that is magnetic for writing and tactile activities with magnetic flashcards, etc. Other than that, wifi access is important.
2.	Which schools and spaces are not meeting the needs for your program?
R:	Betsy Ross (computer to screen hookup not working in most rooms)
3.	Which schools are lacking adequate space for your essential programs?
R:	Most middle schools no longer have the space for a world language classroom and teachers are on a cart. This exhausts the teacher and leads to them leaving for a district where they can have a classroom. It also diminishes the ability of the teacher to create a culturally rich space with pictures, student work, etc. that can be all in the target language. Coop world language teachers seem to struggle with access to projectors as well as a very small, confined, noisy office for 5 people in the gym on the bottom floor.
4.	What new programs have been approved to move forward, but do not have adequate space?
R:	The issue is more about existing programs that have been squeezed out of their classrooms due to adding the ESSER classrooms.

Appendix E

Architectural & Mechanical Facility Conditions Surveys

Architectural Condition Survey - New Haven Schools

School or Building Name: Quinnipiac STEM Magnet School
Address: 460 Lexington Ave, New Haven, CT 06513
Year Built:
Form Filled out by: Skyler Moncada
Date of Survey if perfomed: 8/3/2022

Revision Date 3-Aug-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Good Conditions Overall	The bus and parent drop off area is shared which is not ideal within current school safety guidelines. Sidewalks are in good to fair condition with a normal level of wear.	
	Due to the existing precast / C.I.P. concrete structure, it is expected that it would be very difficult to install central A/C. Stairs are not 6' wide and would not meet code.	
	Classroom technology is in fair condition with an uneven distribution of whiteboard, blackboard, and projectors across all spaces.	

			System Condition *			
System	**Question:**	**Comments:**	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	Good to fair condition		x	x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	Evidence of settlement at ground floor in hallways and in occasional classrooms			x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Ground floor hallways, minor settlement cracking VCT floors				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked			x		
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.	Generally all in good condition		x		
	Type 1:	Brick		x		
	Type 2:	Precast/CIP Concrete		x		
	Type 3:	Curtain glass and Panel assemblies		x		
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.	Curtain glass assemblies are integrated with existing glass above, creating an odd assembly				
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.	Glass is generally in fine condition, but dated and features a mixture of operable, double and single pane assemblies seemingly at random			x	
	Type 1:	Curtain glass and Panel assemblies			x	
	Type 2:	Frosted tempered glass			x	
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Frosted tempered glass in restrooms is clearly old, assemblies are solid but inoperable and provide poor light				
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Typical HM exterior doors in various states of decay, best to replace			x	
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.					
	Describe the general condition of exterior grilles/louvers for the building	Aluminum		x		
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.	2'x3' approximate, reasonable wear				

B3010 ROOFING	Describe the general condition and age of roofing the building	Concrete plank roof with black epdm roofing		x		
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.	Unknown age of roof				
	Type 1:	Concrete plank roof with black epdm roofing		x		
	Type 2:					
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.	no apparent need for repair or replacement				
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Variable partition types all in good condition. Movable partition walls may be used as permanent partitions, appear to be framed in, disabling operation				
	Type 1:	CMU/Brick masonry		x		
	Type 2:	GWB		x		
	Type 3:	Movable partitions		x		
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building	Generally all in good to fine condition		x	x	
	Type 1:	Single pane wire and non-wire glass, disparate in severeal locations		x		
	Type 2:	Frosted tempered glass			x	
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.					
	Describe the general condition and type of interior doors in the building	Generally all in good condition				
	Type 1:	Wood 3x7 Doors		x		
	Type 2:					
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Painted masonry, untreated brick masonry, GWB, and movable partitions		x	x	
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.	Room partitions generally in good condition.		x		
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT Flooring in decent condition			x	
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Occasional areas where tiles are lifting, or cracking due to settlement				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Variable size ACT tile, concrete plank in good condition		x		
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.					
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building	One elevator, non-ADA, two floors		x	x	
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

**Good*	System or components working well and not nearing end of life.
**Fair*	System or components workign but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Quinnipiac STEM Magnet School
Address: 240 Wilmot Road, New Haven CT
Year Built: 2000
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/19/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	BMS is a 20 year old Johnson Controls system. System is in poor condition. Due to age of the system, it is recommended that the system is to have a comlete upgrade.				X	X			
	Is operator using trends to determine operational performance of any items. If so provide example trend.	Trending is available within the BMS, however it appears that trending is not being utilized to make adjustments to the systems.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	Systems operates automatically through bms controls. Custodian on site reported he has no control over system operation.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	The BMS is controlled remotely through operators located at the facility management building. There is no dedicated workstation on site.								
	Describe any system maintenance challenge(s).	No BMS control on site. BMS operator only changes BMS setpoints based on custodian recommendations.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	There are two air cooled split chillers located in the mechanical room. Chiller 1 is currently not functional. The condensing units are located on the roof. System creates CHW that gets distributed to the RTUs.				X	X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Controls operate based off the cooling load from the building.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A							
	What is the age of the cooling system? Describe the general condition of the components.	The cooling plant is approximately 20 years old and past the end of its useful life.								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	The cooling plant serves RTUs which send conditioned air to the VAV boxes located in each classroom.		X					X	
	Are the terminal units individually controlled?	Space temperature sensors control VAV boxes and perimeter radiation.								
	Do the terminal units operate on a schedule? If yes, please describe.	Per BMS operators, all units operate on a schedule of 6am-10pm for 7 days per week as per the Covid protocol.								
	Is there any additional cooling equipment (electrical) used in the building.	No additional cooling equipment was observed on the roof or shown on the BMS.								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).	The chilled water plant is past the end of its useful life and replacement should be considered in the near future.								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Building has 2 Hot Water Boilers (duel fuel) each with its own primary HWP. The system also utilizes RTU's to provide heating to the space.		X					X	
	Describe any controls associated with the system. Is the heating plant operated automatically?	The heating plant is operated automatically based off the heating load required.								
	Does the heating plant provide sufficient heating capacity for peak heating demand?	Custodian stated that the heat is functioning properly and no comfort issues have been reported.								
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	There is an OA enable setpoint of 55 degrees. It appears the supply temperature sensor for Boiler 2 is reading incorrectly as it shows negative 47 degrees when the boiler is off.								
	What is the age of the heating plant? Describe the general condition of the components.	Boilers are aged but appear in good operating condition.		X					X	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	The RTU's provide air to the VAVs. It is unclear whether the VAVs have reheat. Portions of the building contain hydronic perimeter radiation.	N/A							
	Describe any controls associated with the downstream equipment.	Thermostats sense the temperature of the space and that information is translated to the BMS to operate the terminal equipment.								
	Is there any secondary heating units (electrical heating) used in the building?	The building utilizes hydronic radiators to provide supplemental heating.								
	Describe any system maintenance challenge(s).	Custodian does not maintain heating within the building. If changes are needed, custodian needs to alert a BMS operator.								
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	Large RTUs provide ventilation to the majority of the building. There is one Make up air unit but building staff was unsure of the exact area it serves.								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Controls are based on heating/cooling setpoints programmed by building operators.			X				X	
	If the units operator on controls, are those controls from a BMS system or operated locally.	The BMS monitors various setpoints and control points on the RTUs. All controls are operated remotely.								
	Has the system undergone air balancing? If so, when?	Balancing has not been performed since installation of the units.								
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	There are no known energy saving techniques used in the building.								
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	Efs are for the Kitchen, Restrooms, Emergency Exit, Prep rooms and Outdoor Storage Area. The exhaust fans are not monitored through the BMS.		X						X
	Are filters changed .	There is no maintenance protocol for the building. Filters are changed on an as needed basis when custodial staff puts in work orders and are approved by NHS.								
	Describe any system maintenance challenge(s).	There are no maintenance schedules for any system within the building. Maintenance is completed on an as needed basis.								
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Domestic Hot Water Heater is gas operated. The unit appears to have wear appropriate for the age however building staff did not report any operational issues.			X		x			
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.								
	Does the current DHW system provide sufficient load at peak demand.	No comfort issues have been reported, thus it is assumed that the domestic hot water system provides sufficient heating to the building.								
	Describe any system maintenance challenge(s).	Domestic hot water heaters are nearing the end of their useful life.								

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	Building has one electrical meter. 11235440									
	Describe the condition and location of electrical panels throughout the building?	Electrical panels are located in electrical rooms throughout the building.			X					X	
	Does the building have a UPS systems? If so how many and what size?	Building does not have a UPS.			X						
	Describe any issues associated with electrical equipment, if any.	No issues reported.									
	Does the building have communication / server rooms? Describe equipment within these rooms.	Building has dedicated electrical rooms. These rooms consist of server racks and electrical panels. Rooms were found to be used as storage also.									
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Building consists of 32W T8 fixtures. Building does have occupancy/vacancy sensors and exterior lighting controls.				X	X				
	Are emergency lighting operated off the emergency generator or battery backup?	Emergency Lighting is assumed to operate on battery backup.									
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	N/A	N/A								
	Describe any system maintenance challenge(s).	Equipment is repaired/ replaced as it fails.									
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	It is believed to be a wet system. No fire pump within the building.		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).	The FSP has tamper switch and flow switches that relay information to the FACP. There are smoke detectors in the spaces.									
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	No fire alarm maintenance schedules.									
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	No fire alarm issues reported by custodial staff									
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	The fire alarm system is connected to the fire department.									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	This information was not provided, however it is assumed that all HVAC equipment shuts down upon a fire alarm activation.									
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	No access control devices were observed.									
	Describe any system maintenance challenge(s).	No information from custodian. It was indicated no preventative maintenance plan in place. Equipment is repaired/ replaced as it fails.									

**New*	Installed or replaced in less than 3 years
**Good*	System or components working well and not nearing end of life.
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: Strong School
Address: 130 Orchard St, New Haven, CT 06519
Year Built:
Form Filled out by: Skyler Moncada
Date of Survey if perfomed: 8/3/2022

Revision Date 3-Aug-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Good Conditions Overall	AC is inconsistent throughout the building - noticeably effective on the second floor, virtually absent on the first floor save for the main office area. Building is not sprinklered, may not be required. Several emergency exit signs around the building are broken.	
	Gang and single bathrooms are inaccessible, need ADA updates. All dividers and sinks must be replaced.	
	Cafeteria / gym combined function as a multifunction space with an attached kitchen. Kitchen is in fair condition with a variety of water damage and ceilnig issues, but the equipment is high quality and in good condition.	

System	Question:	Comments:	System Condition * New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	Foundations generally seem to be in good condition		x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	Slabs generally seem to be in good condition		x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked	Unknown if the sub-drainage systems are in good condition given the excessive water damage present in the ceilings		x	x	
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.	Brick, curtain wall, glass block		x		
	Type 1:	Brick		x		
	Type 2:	Curtain Wall		x		
	Type 3:	Glass Block		x		
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.					
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.	Double and single pane windows. Single pane Lexanne in poor condition, variable degrees of operability			x	
	Type 1:	Double pane Storm Windows		x		
	Type 2:	Single Pane Lexanne windows				x
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.					
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Exterior doors generally in fair condition, likely need replacement			x	
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	3x7 HM doors			x	
	Describe the general condition of exterior grilles/louvers for the building	Aluminum grilles, variable size, in generally good condition		x		
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	Roof generally leaks everywhere in the school, causinga w ide variety of water related damage				x
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.					
	Type 1:	EPDM Roofing membrane, unclear where the origin of the leaks are			x	
	Type 2:	Metal Panel Roofing, unclear where the origin of the leaks are			x	
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.	Maintenance staff insist the entire roof needs to be replaced				
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Brick, CMU, GWB all generally in good condition		x		
	Type 1:	Brick		x		
	Type 2:	CMU		x		
	Type 3:	GWB		x		
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building	Single pane and glass block all generally in good condition		x		
	Type 1:					
	Type 2:					
	Identify specific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.					
	Describe the general condition and type of interior doors in the building	3x7 WD doors, HM doors all generally in good condition		x		
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes			x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	Tile, Terazzo, VCT in variable conditions. VCT lifting in many places, needs to be replaced. Tile and terazzo outside bathrooms in good condition. Bathroom tiles need replacement siting the strong smell of urine.			x	
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.					
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	ACT tile and GWB throughout building all suffering from water damage, must be replaced including lighting components. Visible water damage around skylights				x
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.					
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building	One elevator, two floors - needs ADA update		x	x	
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

**Good*	System or components working well and not nearing end of life.
**Fair*	System or components workign but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Davis Strong School
Address: 35 Davis Street, New Haven CT
Year Built: 2005
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/19/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	BMS is a 10 year old Honeywell system. System is in fair condition.		X				X		
	Is operator using trends to determine operational performance of any items. If so provide example trend.	Trending is available but it is assummed trending data does not impact the operating parameters of the systems.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	System operates using DDC. All systems are operating automatically.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	The BMS is primarily controlled remotely but does have a local front end in a data closet.								
	Describe any system maintenance challenge(s).	BMS operator only changes BMS setpoints based on custodian recommendations. Custodian does not have access to the BMS system.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	There is one Chiller, one Cooling tower and three CHWP for the system. Chiller has a leak on circuit two and thus, the refrigeration detection system has been disabled. This is a potential IAQ safety issue.			X			X		
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Cooling Plant operates based on building load.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	Chiller enables at a 65 degree setpoint.			X			X		
	What is the age of the cooling system? Describe the general condition of the components.	Other than the refrigerant leak the system is in good condition. The approximate age of the system is within the last 10 years.								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	The CHW plant serves the chilled water coils within the RTUs along with the fan coil units in the building. There are 10 Roof Top Units providing conditioned air to the space		X					X	
	Are the terminal units individually controlled?	The VAVs are controlled per the local thermostats in each classroom/space.								
	Do the terminal units operate on a schedule? If yes, please describe.	Covid schedules are being utilized. This was reported to be 6am to 10pm, 7 days a week.								
	Is there any additional cooling equipment (electrical) used in the building.	There are three fan coil units in the building.								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).	There are no maintenance protocols in place. Maintenance is completed on an as failed basis. Chiller should be repaired and refrigerant detection system should be put back into service ASAP.								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Building has 3 Hot Water Boilers (duel fuel). The system is also equipped with 4 HWPs. The system send hot water to the hot water coils in the RTU to condition the supply air.		X					X	
	Describe any controls associated with the system. Is the heating plant operated automatically?	The heating plant is operated automatically based off the heating load required.								
	Does the heating plant provide sufficient heating capacity for peak heating demand?	No isses reported with the heating system.								
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	Setpoints are based on heating load. Per the BMS the hot water supply temperature is around 160 degrees.								
	What is the age of the heating plant? Describe the general condition of the components.	The heating plant was within the last 10 years.. System is in good condition.		X					X	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	The RTU's provide conditioned air to the VAVs.	N/A							
	Describe any controls associated with the downstream equipment.	VAVs operate based on thermostat settings.								
	Is there any secondary heating units (electrical heating) used in the building?	Building uses hydronic radiatrs for perimeter heating within classrooms and offices and has cbinet units heaters and unit heaters within stairwells and storages spaces.								
	Describe any system maintenance challenge(s).	There are no maitenance protocols in place.								
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	There are 10 RTUs, 1 makeup air unit and 2 energy recovery units. Various RTUs were found to were found with broken belts and dirty coils.								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Controls are based on heating/cooling load from the thermostat setpoints in the building.		X					X	
	If the units operator on controls, are those controls from a BMS system or operated locally.	The BMS monitors various setpoints and control points on the RTUs.								
	Has the system undergone air balancing? If so, when?	Balancing has not been completed since installation.								
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	RTU-3A, 3B and 10 are equipped with enthalpy wheels. It was found that the belts on the enthalpy arent on and thus, the enthalpy wheel is not working. The school will have excesive energy usage until the enthalpy wheels are properly repaired.								
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	There are three toilet exhaust fans (1 for each floor). The units are controlled through the BMS and operate based on schedule.			X			X		
	Are filters changed .	There is no maintenance protocol for the building. Filters are changed on an as needed basis when custodial staff puts in work orders and are approved by NHS.								
	Describe any system maintenance challenge(s).	There are no maintenance schedules for any system within the building. Maintenance is completed on an as failed basis.								
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	There is one Domestic Hot Water Heater that is gas operated. Hot water heater is in good condition.		X					X	
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building. Domestic Water is also used for labs with sinks.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.								
	Does the current DHW system provide sufficient load at peak demand.	No comfort issues have been reported, thus it is assumed that the domestic hot water system provides sufficient heating to the building.								
	Describe any system maintenance challenge(s).	Maintenance is completed on an as needed basis.								

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	There is one main electrical meter for this building.								
	Describe the condition and location of electrical panels throughout the building?	Electrical panels are located in electrical rooms throughout the building.		x					X	
	Does the building have a UPS systems? If so how many and what size?	Building does have a UPS. It appears the UPS is not functioning and is in fault mode.				X	X			
	Describe any issues associated with electrical equipment, if any.	No electrical issues reported.								
	Does the building have communication / server rooms? Describe equipment within these rooms.	Building has dedicated electrical rooms. These rooms consist of server racks and electrical panels. Rooms were found to be used as storage also.								
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A			x		X			
	If the building has an Emergency Generator, what equipment does it serve.	N/A								
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Building consists of LED Fixtures and occupancy/vacancy sensors. No issues have been reported by the building staff.		X					X	
	Are emergency lighting operated off the emergency generator or battery backup?	Emergency Lighting is assumed to operate on battery backup.								
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	There are multiple arrays of PV on the roof of the building. However, inverters on the roof where found to be failed preventing electricity production from the system.				X	X			
	Describe any system maintenance challenge(s).	Building staff has limited maintenance responsibilities for the electrical systems.								
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	It is believed to be a wet system. No fire pump within the building.		X						X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).	Building does have smoke, heat and duct detectors.								
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	There is no fire alarm maintenance protocols in plaec. It is assummed the tamper/flow switches have not been tested since installation.								
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	No trouble or alarm points were shown on the fire alarm panel.								
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	Connected to the fire department.								
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	This information was not provided, however it is assumed that all HVAC equipment shuts down upon a fire alarm activation.								
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	No access control devices were observed.								
	Describe any system maintenance challenge(s).	No information from custodian. It was indicated no preventative maintenance plan in place. Equipment is repaired/ replaced as it fails.								

**New*	Installed or replaced in less than 3 years	early in life of unit
**Good*	System or components working well and not nearing end of life.	greater than 10 years of life likely…..
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life	2-5 year plan may need to design soon
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life	immediate

Architectural Condition Survey - New Haven Schools

School or Building Name: West Rock STREAM Academy
Address: 311 Valley St
Year Built:
Form Filled out by: Skyler Moncada
Date of Survey if perfomed: 8/3/2022

Revision Date 3-Aug-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Good Conditions Overall	The school's asphalt is in good to fair condition with some area's that may need patching. Concrete and sidewalks need patching in places, and generally suffer from lack of accessibility, especially near the kindergarten area and in all class restrooms - there are no gang restrooms. Drop off circulation is not ideal for modern security concerns	
	School technology is in fair condition, with an inconsistent spread of blackboards, white boards, smart boards and projectors present across the classrooms. Internet and wireless are both present across school grounds. Cafetorium lacking a stage due to realocation as classrooms and as name suggests, has no dedicated gymnasium or cafeteria. Presumed original changing rooms / showers have been repurposed as storage.	
	The classroom and office trailers are in good to fair shape according to Marvin - we were not able to enter. Exterior skirt boards show wear or damage in places. Trailer's roof looked to be in good to fair shape from above.	

			System Condition *			
System	**Question:**	**Comments:**	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.			x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.			x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Minor brick cracking, located adjacent to the kitchen entrance				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked	Extensive clogging of roof drainage due to vegetative overgrowth, suspected leaks and clogging in soffit leading to visible water damage/deterioration			x	
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.	Generally all good with the exception of minor brick cracking, located adjacent to the kitchen entrance. There are no visible expansion joints.		x		
	Type 1:	Brick		x		
	Type 2:					
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.	Exterior wall adjacent to the kitchen entrance				
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.	Windows and frames in good condition, caulk showing extensive deterioration and/or mold in certain locations		x		
	Type 1:	Triple pane glass		x		
	Type 2:					
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.					
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Virtually all exterior wilco HM doors show signs of moderate or greater deterioration, need replacement				x
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.					
	Describe the general condition of exterior grilles/louvers for the building	8" x 24" Aluminum louvers at ground level in poor condition, often heavily warped, dented, or kicked in			x	
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	20 year old roof with very occasional spot leaks		x		
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.	Black EPDM rubberized roofing membrane				
	Type 1:	EPDM Membrane		x		
	Type 2:					
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.	One small location above the custodian's office, and one small area above the classroom behind the cafetorium stage				
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Interior paritions are in very good condition, minimal noticeable wear				
	Type 1:	GWB		x		
	Type 2:	Masonry		x		
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building	Interior windows are in good condition,		x		
	Type 1:	Triple Pane glass				
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	Occasional interior screens show minor wear / tangles				
	Describe the general condition and type of interior doors in the building	All interior doors are in good condition		x		
	Type 1:	HM Frame, Wood door		x		
	Type 2:					
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Wall finishes are generally in good condition with minimal wear		x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	Floors are in very good condition. Terazzo and VCT floor throughout the space shows nearly no wear, gym floor was redone 2012, refinished 2018		x		
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.					
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	ACT 1x1 tile ceilings, 2x4 ACT tile ceilings generally all in good condition		x		
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.	One small location above the custodian's office, and one small area above the classroom behind the cafetorium stage				
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building					
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

**Good*	System or components working well and not nearing end of life.
**Fair*	System or components workign but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Clarence Rogers
Address: 240 Wilmot Road, New Haven CT
Year Built: 2000
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/19/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	BMS is a 20 year old Johnson Controls system. System is in poor condition. Due to age of the system, it is recommended that the system is to have a comlete upgrade.				X	X			
	Is operator using trends to determine operational performance of any items. If so provide example trend.	Trending is available within the BMS, however it appears that trending is not being utilized to make adjustments to the systems.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	Systems operates automatically through bms controls. Custodian on site reported he has no control over system operation.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	The BMS is controlled remotely through operators located at the facility management building. There is no dedicated workstation on site.								
	Describe any system maintenance challenge(s).	No BMS control on site. BMS operator only changes BMS setpoints based on custodian recommendations.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	There are two air cooled split chillers located in the mechanical room. Chiller 1 is currently not functional. The condensing units are located on the roof. System creates CHW that gets distributed to the RTUs.				X	X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Controls operate based off the cooling load from the building.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A							
	What is the age of the cooling system? Describe the general condition of the components.	The cooling plant is approximately 20 years old and past the end of its useful life.								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	The cooling plant serves RTUs which send conditioned air to the VAV boxes located in each classroom.		X					X	
	Are the terminal units individually controlled?	Space temperature sensors control VAV boxes and perimeter radiation.								
	Do the terminal units operate on a schedule? If yes, please describe.	Per BMS operators, all units operate on a schedule of 6am-10pm for 7 days per week as per the Covid protocol.								
	Is there any additional cooling equipment (electrical) used in the building.	No additional cooling equipment was observed on the roof or shown on the BMS.								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).	The chilled water plant is past the end of its useful life and replacement should be considered in the near future.								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Building has 2 Hot Water Boilers (duel fuel) each with its own primary HWP. The system also utilizes RTU's to provide heating to the space.		X					X	
	Describe any controls associated with the system. Is the heating plant operated automatically?	The heating plant is operated automatically based off the heating load required.								
	Does the heating plant provide sufficient heating capacity for peak heating demand?	Custodian stated that the heat is functioning properly and no comfort issues have been reported.								
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	There is an OA enable setpoint of 55 degrees. It appears the supply temperature sensor for Boiler 2 is reading incorrectly as it shows negative 47 degrees when the boiler is off.								
	What is the age of the heating plant? Describe the general condition of the components.	Boilers are aged but appear in good operating condition.		X					X	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	The RTU's provide air to the VAVs. It is unclear whether the VAVs have reheat. Portions of the building contain hydronic perimeter radiation.	N/A							
	Describe any controls associated with the downstream equipment.	Thermostats sense the temperature of the space and that information is translated to the BMS to operate the terminal equipment.								
	Is there any secondary heating units (electrical heating) used in the building?	The building utilizes hydronic radiators to provide supplemental heating.								
	Describe any system maintenance challenge(s).	Custodian does not maintain heating within the building. If changes are needed, custodian needs to alert a BMS operator.								
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	Large RTUs provide ventilation to the majority of the building. There is one Make up air unit but building staff was unsure of the exact area it serves.								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Controls are based on heating/cooling setpoints programmed by building operators.			X				X	
	If the units operator on controls, are those controls from a BMS system or operated locally.	The BMS monitors various setpoints and control points on the RTUs. All controls are operated remotely.								
	Has the system undergone air balancing? If so, when?	Balancing has not been performed since installation of the units.								
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	There are no known energy saving techniques used in the building.								
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	Efs are for the Kitchen, Restrooms, Emergency Exit, Prep rooms and Outdoor Storage Area. The exhaust fans are not monitored through the BMS.		X						X
	Are filters changed .	There is no maintenance protocol for the building. Filters are changed on an as needed basis when custodial staff puts in work orders and are approved by NHS.								
	Describe any system maintenance challenge(s).	There are no maintenance schedules for any system within the building. Maintenance is completed on an as needed basis.								
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Domestic Hot Water Heater is gas operated. The unit appears to have wear appropriate for the age however building staff did not report any operational issues.			X		x			
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.								
	Does the current DHW system provide sufficient load at peak demand.	No comfort issues have been reported, thus it is assumed that the domestic hot water system provides sufficient heating to the building.								
	Describe any system maintenance challenge(s).	Domestic hot water heaters are nearing the end of their useful life.								

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	Building has one electrical meter. 11235440									
	Describe the condition and location of electrical panels throughout the building?	Electrical panels are located in electrical rooms throughout the building.			X					X	
	Does the building have a UPS systems? If so how many and what size?	Building does not have a UPS.			X						
	Describe any issues associated with electrical equipment, if any.	No issues reported.									
	Does the building have communication / server rooms? Describe equipment within these rooms.	Building has dedicated electrical rooms. These rooms consist of server racks and electrical panels. Rooms were found to be used as storage also.									
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Building consists of 32W T8 fixtures. Building does have occupancy/vacancy sensors and exterior lighting controls.				X	X				
	Are emergency lighting operated off the emergency generator or battery backup?	Emergency Lighting is assumed to operate on battery backup.									
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	N/A	N/A								
	Describe any system maintenance challenge(s).	Equipment is repaired/ replaced as it fails.									
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	It is believed to be a wet system. No fire pump within the building.		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).	The FSP has tamper switch and flow switches that relay information to the FACP. There are smoke detectors in the spaces.									
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	No fire alarm maintenance schedules.									
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	No fire alarm issues reported by custodial staff									
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	The fire alarm system is connected to the fire department.									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	This information was not provided, however it is assumed that all HVAC equipment shuts down upon a fire alarm activation.									
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	No access control devices were observed.									
	Describe any system maintenance challenge(s).	No information from custodian. It was indicated no preventative maintenance plan in place. Equipment is repaired/ replaced as it fails.									

**New*	Installed or replaced in less than 3 years
**Good*	System or components working well and not nearing end of life.
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: Katherine Brennan School
Address: 200 Wilmot Rd, New Haven, CT 06515
Year Built: Original 1951, Renovated 2001
Form Filled out by: Skyler Moncada
Date of Survey if perfomed: 4/19/2022

Revision Date 19-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Good Conditions Overall

Lighting controls on new corridor lights require calibration, no lighting over stage

System	Question:	Comments:	System Condition * New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is good		x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.			x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked			x		
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.					
	Type 1:	Brick		x		
	Type 2:	Vertical metal Siding		x		
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.	One sheet of vertical metal panel needs to be reattached in North Courtyard on curved façade				
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.					
	Type 1:	Aluminum Store Front Windows		x		
	Type 2:					
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.					
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Exterior doors themselves in good condition		x		
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	3'x7' Hollow Metal		x		
	Describe the general condition of exterior grilles/louvers for the building					
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	Roof has minor leaks, expected leaks. One specific leak at stage end of gymnasium due to suspected improper seal on roof at point of penetration for solar panels		x		
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.					
	Type 1:	Fully Adhered TPO Membrane		x		
	Type 2:	Sheet Metal Roof		x		
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good conditions		x		
	Type 1:	CMU/Brick		x		
	Type 2:	Gypsum Metal Stud Partitions		x		
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building					
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	None				
	Describe the general condition and type of interior doors in the building			x		
	Type 1:	Holow metal		x		
	Type 2:	Wood		x		
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU/Brick		x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile, Terrazzo		x		
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Terrazzo has started showing odd dark spots in main entrance hallways				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels Gypsum Board		x		
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.	Occasional damaged tiles need replacement, typically where minor leaks appear				
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building					
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.	None				

*Good — System or components working well and not nearing end of life.
*Fair — System or components workign but increasingly require maintenance and are nearing end of useful life
*Poor — System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Katherine Brennan School
Address: 200 Wilmot Road, New Haven CT
Year Built: 2001
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/19/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	BMS is a 20 year old Honeywell system. System is in poor condition. Due to age of the system, it is recommended that the sensors be recalibrated.				X	X			
	Is operator using trends to determine operational performance of any items. If so provide example trend.	Trending is available within the BMS, however it appears that trending is not being utilized to make adjustments to the systems.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	Systems operates on bms controls. Custodian on site reported he has no control over system operation.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	The BMS is controlled remotely.								
	Describe any system maintenance challenge(s).	No BMS control on site. BMS operator only changes BMS setpoints based on custodian recommendations. BMS system should be fully upgraded.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	Two air cooled, split chillers are installed in the mechanical room. Condenser unit (R22) are located on the roof. System creates CHW and Hot Water that gets distributed to the RTUs. Seven RTUs provide conditioned air to VAV boxes serving classrooms, offices and common areas in the building. Insulation is missing on the refrigerant lines on the Condenser unit.			x			X		
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Controls operate based off the cooling load from the building.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	Need BMS access to confirm cooling setpoints. System operates based off cooling/heating load.			x			X		
	What is the age of the cooling system? Describe the general condition of the components.	The system has significant age. Custodian was unsure the exact age.								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	CHW plant serves the RTUs who in turn supply conditioned air to the VAV boxes located in each classroom.			x			X		
	Are the terminal units individually controlled?	The VAVs are individually controlled based on the space thermostats.								
	Do the terminal units operate on a schedule? If yes, please describe.	Per BMS operators, all units operate on a schedule of 6am-10pm for 7 days per week.								
	Is there any additional cooling equipment (electrical) used in the building.	There are a few split units that serve the data closets.								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).	Custodian does not maintain cooling within the building. If changes are needed, custodian needs to alert a BMS operator. EMCOR reported that the Chiller has to operate at max output in order to meet the cooling load,								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Building has 2 Hot Water Boilers (duel fuel) each with its own primary HWP. The system also utilizes RTU's to provide heating to the space.			X					X	
	Describe any controls associated with the system. Is the heating plant operated automatically?	The heating plant is operated automatically based off the heating load required.									
	Does the heating plant provide sufficient heating capacity for peak heating demand?	Custodian stated he receives some reports of overheating. Thus, it is assumed that between RTUs and perimiter radiators, the building has sufficient heating capabilities.									
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	The heating plant has a hot water reset schedule of an OA low temperature of 34 degrees and a high temperature of 65 degrees with a HW high temperature of 180 degrees and a low temp of 150 degrees. The hote water supply temperature setpoint is 150 degrees.									
	What is the age of the heating plant? Describe the general condition of the components.	Custodian did not know the age of the heating plant. Boilers appear towards the end of their useable life. Condition is very worn.			X				X		
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	The RTU's provide air to the VAVs. It is unclear whether the VAVs have reheat valves as they are not shown on the BMS graphics.	N/A								
	Describe any controls associated with the downstream equipment.	Thermostats control supply air to the space.									
	Is there any secondary heating units (electrical heating) used in the building?	There are electric baseboards along the perimeter of the building.									
	Describe any system maintenance challenge(s).	Custodian does not maintain cooling within the building. If changes are needed, custodian needs to alert a BMS operator.									
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	Eight (8) RTUs provide all ventilation to the building. No make up air units were found. There are 18 exhaust fans that serve the bathrooms, kitchen, storage and mechanical spaces within the building.									
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Controls are based on heating/cooling setpoints programmed by building operators. There were no reported problems associated with the controls of these systems.			X					X	
	If the units operator on controls, are those controls from a BMS system or operated locally.	The BMS monitors various setpoints and control points on the RTUs.									
	Has the system undergone air balancing? If so, when?	Balancing has not been completed since installation of the units.									
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	There are no known energy saving techniques used in the building.									
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	Efs are for the Kitchen, Restrooms, Mechanical spaces and storage areas.		X							X
	Are filters changed .	There is no maintenance protocol for the building. Filters are changed on an as needed basis when custodial staff puts in work orders and are approved by NHS.									
	Describe any system maintenance challenge(s).	There are no maintenance schedules for any system within the building. Maintenance is completed on an as needed basis.									
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Domestic Hot Water Heater is gas operated. System has significant wear.			X		x				
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building.									
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on setpoints. Cannot confirm setpoints without BMS access.									
	Does the current DHW system provide sufficient load at peak demand.	No comfort issues have been reported, thus it is assumed that the domestic hot water system provides sufficient heating to the building.									
	Describe any system maintenance challenge(s).	Building custodian has limited ability to control the system.									

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	Building has two electrical meters. 11219829 and POD 1171003349001									
	Describe the condition and location of electrical panels throughout the building?	Electrical panels are located in electrical rooms throughout the building.			X				X		
	Does the building have a UPS systems? If so how many and what size?	Building does not have a UPS.			X						
	Describe any issues associated with electrical equipment, if any.	No issues reported.									
	Does the building have communication / server rooms? Describe equipment within these rooms.	Building has dedicated electrical rooms. These rooms consist of server racks and electrical panels. Rooms were found to be used as storage also.									
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Building consists of 32W T8 fixtures. Building does have occupancy/vacancy sensors and exterior lighting controls. No issues were reported with the lighting control system.				X			X		
	Are emergency lighting operated off the emergency generator or battery backup?	Emergency Lighting is assumed to operate on battery backup.									
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	There is numerous PV panels installed on the roof of the building. It is unclear whether the system is operational and the invertors are working.		X							
	Describe any system maintenance challenge(s).	Building staff has limited maintenance responsibilities for the electrical systems.									
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	It is believed to be a wet system. No fire pump within the building.		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).	There are smoke detectors and heat detectors within the building. Specific fire alarm accessories for the duct system could not be verified.									
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	There are no fire alarm maintenance schedules. Building staff did not know the last date of testing.									
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	No fire alarm issues reported by custodial staff.									
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	The fire alarm system is connected to the fire department.									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	It is assummed that all units shut down upon a fire alarm activation.									
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	No access control devices were observed within the building.									
	Describe any system maintenance challenge(s).	Custodian staff does not complete maintenance on FA/FP system.									

**New* Installed or replaced in less than 3 years
**Good* System or components working well and not nearing end of life.
**Fair* System or components working but increasingly require maintenance and are nearing end of useful life
**Poor* System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: Clarence F Rogers
Address: 199 Wilmot Rd, New Haven, CT 06515
Year Built: Original 1951, Renovated 2001
Form Filled out by: Skyler Moncada
Date of Survey if perfomed: 4/19/2022

Revision Date 19-Apr-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Good Conditions Overall

Lighting controls on new corridor lights require calibration, no lighting over stage

			System Condition *			
System	**Question:**	**Comments:**	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is good		x	x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	General condition of slab on grade is good		x	x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Signs of minor settlement in line with column grid causing cracking in floor VCT				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked	Street lateral plumbing collapsed, front two restrooms do not function				x
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.	Generally in good condition. All around perimeter, there are gaps at top of exterior walls between roof where blocking or sealant would be required.				
	Type 1:	Brick		x		
	Type 2:	Vertical metal Siding		x		
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.					
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.	Window glass recently replaced due to constant breaks by vandals during the COVID pandemic				
	Type 1:	Aluminum Store Front Windows	x	x		
	Type 2:					
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Window blinds all generally require repair or replacement				
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Exterior doors in good condition		x		
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	3'x7' Hollow Metal		x		
	Describe the general condition of exterior grilles/louvers for the building					
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	Roof has minor leaks, expected leaks. One specific leak at stage end of gymnasium due to suspected improper seal on roof at point of penetration for solar panels by maintenance staff. Easily patched.		x		
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.					
	Type 1:	Fully Adhered TPO Membrane		x		
	Type 2:	Sheet Metal Roof		x		
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good conditions		x		
	Type 1:	CMU/Brick		x		
	Type 2:	Gypsum Metal Stud Partitions		x		
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building					
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	None				
	Describe the general condition and type of interior doors in the building			x		
	Type 1:	Holow metal		x		
	Type 2:	Wood		x		
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU/Brick		x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile			x	
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Hallway and classroom VCT showing cracks, sometimes allows ants in. Classroom vct seems to crack along column grid due to settlement				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels Gypsum Board		x		
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.	Occasional damaged tiles need replacement, typically where minor leaks appear				
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building					
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.	None				

*Good — System or components working well and not nearing end of life.
*Fair — System or components workign but increasingly require maintenance and are nearing end of useful life
*Poor — System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Clarence Rogers
Address: 240 Wilmot Road, New Haven CT
Year Built: 2000
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/19/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	BMS is a 20 year old Johnson Controls system. System is in poor condition. Due to age of the system, it is recommended that the system is to have a comlete upgrade.				X	X			
	Is operator using trends to determine operational performance of any items. If so provide example trend.	Trending is available within the BMS, however it appears that trending is not being utilized to make adjustments to the systems.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	Systems operates automatically through bms controls. Custodian on site reported he has no control over system operation.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	The BMS is controlled remotely through operators located at the facility management building. There is no dedicated workstation on site.								
	Describe any system maintenance challenge(s).	No BMS control on site. BMS operator only changes BMS setpoints based on custodian recommendations.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	There are two air cooled split chillers located in the mechanical room. Chiller 1 is currently not functional. The condensing units are located on the roof. System creates CHW that gets distributed to the RTUs.				X	X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Controls operate based off the cooling load from the building.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A							
	What is the age of the cooling system? Describe the general condition of the components.	The cooling plant is approximately 20 years old and past the end of its useful life.								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	The cooling plant serves RTUs which send conditioned air to the VAV boxes located in each classroom.		X					X	
	Are the terminal units individually controlled?	Space temperature sensors control VAV boxes and perimeter radiation.								
	Do the terminal units operate on a schedule? If yes, please describe.	Per BMS operators, all units operate on a schedule of 6am-10pm for 7 days per week as per the Covid protocol.								
	Is there any additional cooling equipment (electrical) used in the building.	No additional cooling equipment was observed on the roof or shown on the BMS.								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).	The chilled water plant is past the end of its useful life and replacement should be considered in the near future.								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Building has 2 Hot Water Boilers (duel fuel) each with its own primary HWP. The system also utilizes RTU's to provide heating to the space.		X					X	
	Describe any controls associated with the system. Is the heating plant operated automatically?	The heating plant is operated automatically based off the heating load required.								
	Does the heating plant provide sufficient heating capacity for peak heating demand?	Custodian stated that the heat is functioning properly and no comfort issues have been reported.								
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	There is an OA enable setpoint of 55 degrees. It appears the supply temperature sensor for Boiler 2 is reading incorrectly as it shows negative 47 degrees when the boiler is off.								
	What is the age of the heating plant? Describe the general condition of the components.	Boilers are aged but appear in good operating condition.		X					X	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	The RTU's provide air to the VAVs. It is unclear whether the VAVs have reheat. Portions of the building contain hydronic perimeter radiation.	N/A							
	Describe any controls associated with the downstream equipment.	Thermostats sense the temperature of the space and that information is translated to the BMS to operate the terminal equipment.								
	Is there any secondary heating units (electrical heating) used in the building?	The building utilizes hydronic radiators to provide supplemental heating.								
	Describe any system maintenance challenge(s).	Custodian does not maintain heating within the building. If changes are needed, custodian needs to alert a BMS operator.								
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	Large RTUs provide ventilation to the majority of the building. There is one Make up air unit but building staff was unsure of the exact area it serves.								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Controls are based on heating/cooling setpoints programmed by building operators.			X				X	
	If the units operator on controls, are those controls from a BMS system or operated locally.	The BMS monitors various setpoints and control points on the RTUs. All controls are operated remotely.								
	Has the system undergone air balancing? If so, when?	Balancing has not been performed since installation of the units.								
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	There are no known energy saving techniques used in the building.								
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	Efs are for the Kitchen, Restrooms, Emergency Exit, Prep rooms and Outdoor Storage Area. The exhaust fans are not monitored through the BMS.		X						X
	Are filters changed .	There is no maintenance protocol for the building. Filters are changed on an as needed basis when custodial staff puts in work orders and are approved by NHS.								
	Describe any system maintenance challenge(s).	There are no maintenance schedules for any system within the building. Maintenance is completed on an as needed basis.								
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Domestic Hot Water Heater is gas operated. The unit appears to have wear appropriate for the age however building staff did not report any operational issues.			X		x			
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.								
	Does the current DHW system provide sufficient load at peak demand.	No comfort issues have been reported, thus it is assumed that the domestic hot water system provides sufficient heating to the building.								
	Describe any system maintenance challenge(s).	Domestic hot water heaters are nearing the end of their useful life.								

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	Building has one electrical meter. 11235440									
	Describe the condition and location of electrical panels throughout the building?	Electrical panels are located in electrical rooms throughout the building.			X					X	
	Does the building have a UPS systems? If so how many and what size?	Building does not have a UPS.			X						
	Describe any issues associated with electrical equipment, if any.	No issues reported.									
	Does the building have communication / server rooms? Describe equipment within these rooms.	Building has dedicated electrical rooms. These rooms consist of server racks and electrical panels. Rooms were found to be used as storage also.									
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Building consists of 32W T8 fixtures. Building does have occupancy/vacancy sensors and exterior lighting controls.				X	X				
	Are emergency lighting operated off the emergency generator or battery backup?	Emergency Lighting is assumed to operate on battery backup.									
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	N/A	N/A								
	Describe any system maintenance challenge(s).	Equipment is repaired/ replaced as it fails.									
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	It is believed to be a wet system. No fire pump within the building.		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).	The FSP has tamper switch and flow switches that relay information to the FACP. There are smoke detectors in the spaces.									
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	No fire alarm maintenance schedules.									
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	No fire alarm issues reported by custodial staff									
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	The fire alarm system is connected to the fire department.									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	This information was not provided, however it is assumed that all HVAC equipment shuts down upon a fire alarm activation.									
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	No access control devices were observed.									
	Describe any system maintenance challenge(s).	No information from custodian. It was indicated no preventative maintenance plan in place. Equipment is repaired/ replaced as it fails.									

**New*	Installed or replaced in less than 3 years
**Good*	System or components working well and not nearing end of life.
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: Conte West Hills Magnet School
Address: 511 Chapel Street New Haven,Ct. 06511
Year Built: Renovated 1999-2000
Form Filled out by: Skyler Moncada
Date of Survey if perfomed: 4/19/2022

Revision Date 19-Apr-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Good Conditions Overall

			System Condition *			
System	**Question:**	**Comments:**	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is good, with one area as an exception		x*		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Maintenance personnel report of cracking and/or leaking in basement beneath pool				
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.			x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Sidewalks exhibit multiple locations of pitting or cracking, with rebar showing through				
		Sills for replaced exterior doors have allowed for water to leak into sidewalk beside doors, creating pitting				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked			x		
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.					
	Type 1:	Concrete Steel and Glass		x		
	Type 2:	Brick		x		
	Type 3:	Panelized Wall system		x		
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.	None				
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.					
	Type 1:	Aluminum Store Front Windows				x
	Type 2:					
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Windows in original school building reported to have vibrated out of alignment, allowing air gaps and entry for bugs				
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Exterior doors themselves in good condition, but hung in ways allowing daylight through and below doors. Has lead to water leakage and air penetration into building		x		
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	3'x8' Hollow Metal		x		
				x		
	Describe the general condition of exterior grilles/louvers for the building					
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	During the summer, roof membrane blisters and punctures as workers walk across			x	x
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.	Roof at least as old as 2000 renovations, approaching end of useful life				
	Type 1:	Gravel on Fully Adhered TPO Membrane				
	Type 2:					
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good condition. Various areas of wear due to students, with select locations displaying cracking in the CMU or GWB. Metal restroom partitions are regularly broken, rusted, missing, or replaced with any available materials		x		
	Type 1:	CMU		x		
	Type 2:	Gypsum Metal Stud Partitions		x		
	Type 3:	Metal Restroom Partitions				x
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.	CMU showing clear cracking or crumbling in Gymnasium, Locker Rooms,				
		GWB cracking in long hallways at locations where Control Joints are likely necessary				
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building					
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	None				
	Describe the general condition and type of interior doors in the building	Doors all in generally good condition. Conflicts present where ceiling height aligns with height of doors, causing door swing to wear on tiles		x		
	Type 1:	Holow metal		x		
	Type 2:	Wood		x		
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU		x	x	
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.	Gymnasium, Locker Rooms, Restrooms Long hallways				
		Restrooms feature untreated Gypsum wall board behind most or all restrooms fixtures, causing regular rot due to urine and sink water				
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile, Terrazzo				
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Ceramic tile in restrooms holds odor of urine, VCT tiles regularly come up due to adhesives			x	x
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels Gypsum Board		x		
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.	Some damaged tiles need replacement, typically over doors they are aligned with. Roof leaks cause damage to tiles				
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building	3				
	Describe the general condition of each elevator, or lift			x		
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.	None				

*Good — System or components working well and not nearing end of life.
*Fair — System or components workign but increasingly require maintenance and are nearing end of useful life
*Poor — System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Conte Hills West Middle School
Address: 511 Chapel Street
Year Built: 1999
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/19/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	BMS is a 23 year old Honeywell system that contains mainly pneumatic controls. System is in poor condition.				X	X			
	Is operator using trends to determine operational performance of any items. If so provide example trend.	Trending is available within the BMS, however it appears that trending is not being utilized to make adjustments to the systems.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	Systems operates on a combination of pneumatics and DDC, however some pneumatics have failed and custodian has to override control valves in order to force heating. One air compressor that runs continuously.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	The BMS is controlled remotely.								
	Describe any system maintenance challenge(s).	No BMS control on site. BMS operator changes BMS setpoints based on custodian recommendations. It appears there is simultaneous heating and cooling between the RTU cooling units and the terminal heating units in the building at times.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps/ RTUs?	12 Roof Top Units using R-22 refrigeration provides cooling to the space. There is no cooling towers or chillers at this facility. R-22 to be phased out and has become cost prohibitive. Numerous units were being repaired when we were on site.				X	X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Pneumatic controls operate based off the cooling load from the building.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A				N/A			
	What is the age of the cooling system? Describe the general condition of the components.	23 years old. Integral to the Air Handling/RTU's. Equipment is beyond it's useful life. Numerous compressors were being replaced while we were on site.								
	What equipment does the CHW plant/ RTUs serve? Provide system condition assessment on the right.	Constant volume RTUs serve spaces throughout the building. In cooling mode there is no zoning within spaces served by RTUs. In heating mode there is limited zoning.		X					X	
	Are the terminal units individually controlled?	The RTUs have no cooling zoning controls. There are thermostats within the spaces that control space heat and perimeter radiaiton.								
	Do the terminal units operate on a schedule? If yes, please describe.	No schedules are being utilized.								
	Is there any additional cooling equipment (electrical) used in the building.	There are split units that serve the data closets. Custodian reported some split units have failed.								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).	Other than the new RTU servicing the gym the RTUs should be scheduled for full replacement in the near future.								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Building has 2 Hot Water Boilers (duel fuel) each with its own primary HWP. The system also utilizes RTU's to provide heating to the space.			X			X		
	Describe any controls associated with the system. Is the heating plant operated automatically?	The heating plant is operated automatically based off the heating load required.								
	Does the heating plant provide sufficient heating capacity for peak heating demand?	Custodian reported simultaneous heating and cooling within spaces that make it hard to control space temperature.								
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	The boiler OA enable setpoint is 60 degrees. The boiler 2 run setpoint is set at 145 degrees.								
	What is the age of the heating plant? Describe the general condition of the components.	The heating plant was installed in 1999. System has some wear.			X			X		
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	Each RTU appears to provide air to the spaces through a couple of reheat coils for partial zoning control.				X	X			
	Describe any controls associated with the downstream equipment.	Minimal reheat coils serve spaces. Space thermostats operate the radiator control valves.								
	Is there any secondary heating units (electrical heating) used in the building?	The building has hydronic perimeter radiation.								
	Describe any system maintenance challenge(s).	There appears to be heating system issues during the spring, fall, and summer with the cogen system adding heat to the system and space heating valves leaking by causing simultaneous heating and cooling and excessvie energy usage.								
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	There are two Make up air units installed for the building in addition to ventilation provided by the RTUs. No design drawings were available. Review of ventilation requirements should occur prior to replacement of RTUs and associated controls.								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Controls are based on heating/cooling setpoints programmed by building operators.		X					X	
	If the units operator on controls, are those controls from a BMS system or operated locally.	The BMS monitors various setpoints and control points on the RTUs.								
	Has the system undergone air balancing? If so, when?	Balancing has not been completed since renovation of building in 1999.								
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	There are no known energy saving equipment or controls used in the building.								
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	EFs are for the Kitchen, Laboratories, Restrooms, Emergency Exit, Prep rooms and Outdoor Storage Area. Need drawings to confirm.		X						X
	Are filters changed .	There is no maintenance protocol for the building. Filters are changed on an as needed basis when custodial staff puts in work orders and are approved by NHS.								
	Describe any system maintenance challenge(s).	There are no maintenance schedules associated with the building.								
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Domestic Hot Water Heater is gas operated. System has significant rust and DHW-1 is leaking.				X	X			
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building. Domestic Water is also used for labs with sinks.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on setpoints. Cannot confirm setpoints without BMS access.								
	Does the current DHW system provide sufficient load at peak demand.	No comfort issues have been reported, thus it is assumed that the domestic hot water system provides sufficient heating to the building.								
	Describe any system maintenance challenge(s).	Domestic hot water heaters are nearing the end of their useful life.								

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	It is unclear per the utility bills how many meters are associated with this school.								
	Describe the condition and location of electrical panels throughout the building?	Electrical panels are located in electrical rooms throughout the building.		X					X	
	Does the building have a UPS systems? If so how many and what size?	Building does not have a UPS.	N/A							
	Describe any issues associated with electrical equipment, if any.	Staff reported that lighting controls are not operational. It was observed that exterior lighting was on during the day.								
	Does the building have communication / server rooms? Describe equipment within these rooms.	Building has dedicated electrical rooms. These rooms consist of server racks and electrical panels. Rooms were found to be used as storage also.								
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A							
	If the building has an Emergency Generator, what equipment does it serve.	N/A								
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Building consists mainly of 32W T8 fixtures. Building does have occupancy/vacancy sensors and exterior lighting controls, however they are not operating.			X			X		
	Are emergency lighting operated off the emergency generator or battery backup?	Emergency Lighting is assumed to operate on battery backup.								
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	There are no PV systems in the building.	N/A							
		There is a Cogen system in the building. The existing pool has been decommissioned and the Cogen system dumps heat recovery to atmosphere in the summer. Recommend study for Cogen system to see when/ if it should be enabled.								
	Describe any system maintenance challenge(s).	Building staff has limited maintenance responsibilities for the electrical systems.								
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	It is believed to be a wet system. No fire pump within the building.			X			X		
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc....).	Duct detectors are installed on all supply and return air ducts for each classroom. Building staff reported this causes troubles and alarms for fire alarm panel.								
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	No fire alarm maintenance schedules.								
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	Duct detectors are causing frequent troubles and alarms to the fire alarm panel. Custodian reported that the entire system needs to be investigated.								
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	Connected to the fire department.								
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	All units shut down upon a fire alarm activation.								
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	No access control devices were observed.								
	Describe any system maintenance challenge(s).	F/A system in need of a full review/ upgrade/ or replacment.								

*New	Installed or replaced in less than 3 years	early in life of unit
*Good	System or components working well and not nearing end of life.	greater than 10 years of life likely.....
*Fair	System or components working but increasingly require maintenance and are nearing end of useful life	2-5 year plan may need to design soon
*Poor	System is problematic, causes disruption to occupants and operators and is at the end of useful life	immediate

Architectural Condition Survey - New Haven Schools

School or Building Name: Metropolitan Business Academy
Address: 115 Water Street New Haven,Ct. 06511
Year Built: 2010
Form Filled out by: Joseph Barbarotta
Date of Survey if perfomed: 44615

Revision Date 13-Jan-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Good Condinitons overall	No major problems only occasional sewer backup that seems to have been resolved.	X

System Condition *

System	Question:	Comments:	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.			X		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	None				
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.			X		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	None				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked	Sewer to street backup occasionly .Had NHWPCA reline pipe in street				
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.					
	Type 1:	Flat-Lock Metal Tile Porclain Tile		x		
	Type 2:	Fiber Cement Panel Wall System		x		
	Type 3:	CMU		x		
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.	None				
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.					
	Type 1:	Aluminum Store Front Windows		X		
	Type 2:					
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	None		X		
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building			X		
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.			X		
	Describe the general condition of exterior grilles/louvers for the building			X		
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.			X		

B3010 ROOFING	Describe the general condition and age of roofing the building					
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.					
	Type 1:	Fully Adhered TPO Membrane		X		
	Type 2:	Standing Seam Metal Roof		X		
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building					
	Type 1:	CMU		X		
	Type 2:	Gypsum Metal Stus Partitions		X		
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.	Staircases			X	
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building					
	Type 1:	Storefront		X		
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	None				
	Describe the general condition and type of interior doors in the building					
	Type 1:	Holow metal		X		
	Type 2:	Wood		X		
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceremeic Tile ,Gypsum ,CMU		X		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.	Stairwells			X	
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT		X		
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Ceramic tile		X		
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels Gypsum Board		X		
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.	Some damaged tiles need replacement			X	
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building	Four Floors				
	Describe the general condition of each elevator, or lift			X		
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.	None				

**Good* System or components working well and not nearing end of life.
**Fair* Sysetm or components workign but increasingly require maintenance and are nearing end of useful life
**Poor* Sysetem is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Metro Business Academy
Address: 115 Water Street, New Haven CT
Year Built: 2010
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/19/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	Bms needs calibration, per EMCOR, maintenance is only done on as needed basis. Per screenshots some sensors seemed to be failed.			X			X		
	Is operator using trends to determine operational performance of any items. If so provide example trend.	BMS does have trending capability. It is unclear whether the BMS archives trends from the 2019 energy analysis period.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	All systems are operating automatically through the BMS.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	BMS is controlled from a front end system and can be controlled remotely. There is a operating station on site.								
	Describe any system maintenance challenge(s).	BMS operator indicated no preventative maintenance plan in place. Equipment is repaired/ replaced as it fails.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	There is One Water Cooled Chiller and One Cooling Tower Attenuator insulation has been damaged, . Pumps -4 through 7 are dedicated to the cooling system. P-4 is primary chilled water pump, P-5 is a condenser water pump and P-6 and P-7 are secondary CHW pumps. Chilled water is distributed to 8 roof top units. Chiller has an alarm currently, refrigeration alarm.		X					X	
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Cooling plant is operated automatically based on cooling load needed per the building setpoints. Upgrading the programming and setpoints for the ice storage system is needed which will result in reduced electrical demand charges.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	Cooling tower EWT/LWT set for 94/83.			X			X		
	What is the age of the cooling system? Describe the general condition of the components.	The cooling system was installed in 2011, therefore it is approaching 11 years in service. Condition is good.								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	CHW plant serves eight roof top units. Individual spaces have VAVs. Unable to determine condition of the VAVs as they are located in the ceilings of the classrooms.	N/A							
	Are the terminal units individually controlled?	Yes, thermostats are intended to operate the VAVs.								
	Do the terminal units operate on a schedule? If yes, please describe.	Per BMS operators, all units operate on a schedule of 6am-10pm for 7 days per week.								
	Is there any additional cooling equipment (electrical) used in the building.	There are 4 split system ACs that supply cooling outside of the main CHW plant.								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	There is an Ice Storage System installed. Ice storage system not currently operational.				X	X			
	Describe any system maintenance challenge(s).	No information from custodian. Operators have indicted that the thermal storage system has been problematic since original commissioning and controls were disabled shortly after. EMCOR indicated no preventative maintenance plan in place. Equipment is								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Building has 3 Hot Water Boilers (duel fuel) each with its own primary HWP. The system also utilizes RTU's to provide heating to the space.		X					X		
	Describe any controls associated with the system. Is the heating plant operated automatically?	The heating plant is operated automatically based off the heating load required.									
	Does the heating plant provide sufficient heating capacity for peak heating demand?	No comfort issues have been reported, thus it is assumed that the heating plant provides sufficient heating to the building.									
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	HWST - 168, HWRT- 144									
	What is the age of the heating plant? Describe the general condition of the components.	The heating plant was installed in 2010. System has some wear.		X					X		
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	The RTU's provide air to the VAVs. The VAVs are equipped with reheat valves to supply heat to the classrooms. Condition of the VAVs in unknown.		X					X		
	Describe any controls associated with the downstream equipment.	Thermostats sense the temperature of the space and that information is translated to the BMS to operate the terminal equipment.									
	Is there any secondary heating units (electrical heating) used in the building?	There are 4 zones with radiant flooring, two hot water reheats in bathrooms, there is also finned tube radiators and cabinet unit heaters in various spaces that provide supplemental heating.									
	Describe any system maintenance challenge(s).	No information from custodian. EMCOR indicated no preventative maintenance plan in place. Equipment is repaired/ replaced as it fails.									
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	There is one Make up air unit and one Heat Recovery Unit for the building that serve the kitchen areas. There are 6 exhaust fans, 4 smoke exhaust fans and 1 combustion air fan.									
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Controls are based on heating/cooling setpoints programmed by building operators.		X					X		
	If the units operates on controls, are those controls from a BMS system or operated locally.	The BMS monitors various setpoints and control points on the RTUs. All controls are operated remotely.									
	Has the system undergone air balancing? If so, when?	Balancing was part of the original commissioning requirement. The latest balancing report was submitted on 3/7/2012. Building staff to advise if additional balancing has been completed since the building was constructed.									
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	There is Bi Polar Ionization air treatment on each RTU. There is also an economizer mode for each RTU and a heat recovery unit for the kitchen spaces.									
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	Efs are for the Kitchen, Laboratories, Restrooms, Emergency Exit, Prep rooms and Outdoor Storage Area.		X					X		
	Are filters changed .	Filters are changed on an as needed basis.									
	Describe any system maintenance challenge(s).	Equipment is repaired/ replaced as it fails. Recently an AHU filter replacement program has been put into place but it appears at least some of the coils are dirty from not replacing coils per industry standards.									
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Domestic Hot Water Heater is gas operated. System has significant rust. Water heater does not appear to be operating per manufacturers requirements.				X	X				
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building. Domestic Water is also used for labs with sinks.									
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater has a timeclock to help control operation. Building staff to advise on any setpoints.									
	Does the current DHW system provide sufficient load at peak demand.	No comfort issues have been reported, thus it is assumed that the domestic hot water system provides sufficient heating to the building.									
	Describe any system maintenance challenge(s).	Water heater is in poor operating condition. Combustion air duct has been disconnected.									

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	Building has two electrical meters. 14029937 and 11220470.									
	Describe the condition and location of electrical panels throughout the building?	Electrical panels are located in electrical room in the first floor of the building.		X					X		
	Does the building have a UPS systems? If so how many and what size?	Building does not have a UPS.	N/A								
	Describe any issues associated with electrical equipment, if any.	Staff did not indicate any electrical issues.									
	Does the building have communication / server rooms? Describe equipment within these rooms.	Building has dedicated electrical rooms. These rooms consist of server racks and electrical panels.									
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	Building does have a generator. Generator was left open upon arrival to site.			X			X			
	If the building has an Emergency Generator, what equipment does it serve.	Building staff to advise.									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Building consists of LEDs and T5s. Building does have occupancy controls in classrooms and various other rooms. Daylighting installed throughout the building. Gym daylighting does not seem operational.		X				X			
	Are emergency lighting operated off the emergency generator or battery backup?	Emergency Lighting is assumed to operate on battery backup.									
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	There is no PV installed.	N/A								
	Describe any system maintenance challenge(s).	Doors for emergency generator were found open. This is a security and safety issue.									
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	There is a combination fire standpipe.		X					X		
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).	The FSP has tamper switch and flow switches that relay information to the FACP. There are smoke detectors in the spaces.									
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	Fire pump tested annually. Building staff indicates smoke exhaust system has not been tested since original installation.									
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	No alarms.									
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	Connected to the fire department.									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	This information was not provided, however it is assumed that all HVAC equipment shuts down upon a fire alarm activation.									
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	None shown on electrical drawings.									
	Describe any system maintenance challenge(s).	Smoke exhaust system needs periodic testing system established. Barometeric dampers on smoke exhaust fans need to be modified to prevent excessive wear when enabled.									

**New*	Installed or replaced in less than 3 years
**Good*	System or components working well and not nearing end of life.
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: The Sound School s Aquaculture Building
Address: 17 Sea St, New Haven, CT 06519
Year Built: Dedicated 2003
Form Filled out by: Skyler Moncada
Date of Survey if perfomed: 4/21/2022

Revision Date 21-Apr-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Smells of natural gas in various lab rooms

Roof/deck, and rails have all deteriorated from salt water/air

Fishtank room suffers from insufficient air conditioning

System	Question:	Comments:	System Condition * New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is good		x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.			x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked			x		
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.					
	Type 1:	Masonry Units		x		
	Type 2:	Metal / Tempered glass greenhouse		x		
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.					
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.					
	Type 1:	Storefront		x		
	Type 2:			x		
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Many windows are unable to hold open on their own - or have been broken, and are covered by sheets of plexiglass screwed into exterior envelope over the window.				
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building			x		
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	3'x7' Hollow Metal				
	Describe the general condition of exterior grilles/louvers for the building	Generally in good conditions		x		
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	The flat roof shows signs of leaking in various locations			x	x
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.	Roofing with the brick patio leaks significantly down into the classrooms below, and allegedly has since the building was completed				
	Type 1:	Fully Adhered TPO Membrane			x	x
	Type 2:					
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good condition, with areas of normal wear and tear		x		
	Type 1:	Gypsum Stud walls		x	x	
	Type 2:	Masonry Units		x		
	Type 3:					
	Identify specific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building			x		
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.					
	Describe the general condition and type of interior doors in the building			x		
	Type 1:	Holow metal		x		
	Type 2:	Wood		x		
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU/Brick		x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile,			x	
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	VCT often comes up in various places due to building settlement in Emerson, or otherwise in general shows signs of cracking/wear				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels, Gypsum Board		x	x	
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.	Many damaged tiles, rusted mechanical fixtures, mismatched ACT in various areas of replacement				
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building			x		
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

**Good*	System or components working well and not nearing end of life.
**Fair*	System or components workign but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Sound School
Address: South Water Street, New Haven CT
Year Built: Various
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/21/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

Main Building has significant plug load usage from the various aquarium equipment that is operating 24/7.

Some RTUs/AC units located on the roofs of the schools have significant wear and rust due to not being rated for a marine environment.

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	No BMS on site. BMS is on a Niagra network system and controlled from the facility management office. BMS is in the process of being changed over to the main system.				X	X			
	Is operator using trends to determine operational performance of any items. If so provide example trend.	Trending is available but it is assummed trending data does not impact the operating parameters of the systems.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	Systems are operating in automatic mode.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	BMS system is controlled remotely.								
	Describe any system maintenance challenge(s).	BMS operator only changes BMS setpoints based on custodian recommendations. Custodian does not have access to the BMS system.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	Foote: There are six packaged rooftop units with DX cooling.			X			X		
		Smaller Buildings: There are packaged rooftop units that are DX cooling. One unit in Thomas is no longer in operation and abandoned in place. No replacement unit is in use, causing a lack of heating and cooling in the space.				X	X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Foote: Cooling plant is operated automatically. Cooling setpoints are determined from the cooling load in the building.								
		Smaller Buildings: Cooling plant is operated automatically. Cooling setpoints are determined from the cooling load in the building.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A								
		N/A								
	What is the age of the cooling system? Describe the general condition of the components.	Foote: Packaged RTUs are in fair condition.		X					X	
		Smaller Buildings: Packaged RTUs are in poor condition.				X	X			
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	Foote: Rooftop units serve VAV's. Cannot confirm condition as VAVs are located in the ceilings throughout the building.	N/A							
		Smaller Buildings: Rooftop units are ducted to supply registers	N/A							
	Are the terminal units individually controlled?	Foote: Yes, VAVs operate indepentely.								
		Smaller Buildings: N/A								
	Do the terminal units operate on a schedule? If yes, please describe.	Foote: Operator reported Covid Schedules in use. This is 6am to 10pm, 7 days per week.								
		Smaller Buildings: Operator reported Covid Schedules in use. This is 6am to 10pm, 7 days per week.								
	Is there any additional cooling equipment (electrical) used in the building.	Foote: No								
		Smaller Buildings: No								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	Foote: No	N/A							
		Smaller Buildings: No								
	Describe any system maintenance challenge(s).	Foote: There are no maitenance protocols in place.								
		Smaller Buildings: Units are not easily accessible as the access point is through attic spaces that are also used for storage. No maintenance protocols in place								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Foote: There are two large cast iron AO Smith boilers and one smaller AO smith boiler. It is unclear what the small boiler serves. There are three hot water pumps for the system.		X					X	
		Smaller Buildings: Each school has one small gas fired boiler except for Mcneil school which has 3 small boilers. If the schools with one boiler were to fail, the building would have no heating.			X			X		
	Describe any controls associated with the system. Is the heating plant operated automatically?	Foote: Heating setpoints is determined by the heating load in the building.								
		Smaller Buildings: Heating setpoints is determined by the heating load in the building.								
	Does the heating plant provide sufficient heating capacity for peak heating demand?	Foote: No heating concerns.								
		Smaller Buildings: It was noted that some of the smaller buildings have trouble maintaining heating space temperature setpoints during colder weather.								
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	Foote: Not available.								
		Smaller Buildings: HW Supply temp setpoint of 143 degrees.								
	What is the age of the heating plant? Describe the general condition of the components.	Foote: The heating plant has significant age. It is unclear the exact age of the system.			X			X		
		Smaller Buildings: The heating plant has significant age. It is unclear the exact age of the system.				X	X			
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	Foote: The RTU's provide conditioned air to the VAVs. It is unclear whether the VAVs have reheat valves.		X					X	
		Smaller Buildings: N/A	N/A							
	Describe any controls associated with the downstream equipment.	Foote: Thermostats control heating supply temperature for the VAVs.								
		Smaller Buildings: Thermostats control supply temperature to the space.								
	Is there any secondary heating units (electrical heating) used in the building?	Foote: Yes, hydronic baseboards are used for perimeter heating.								
		Smaller Buildings: Yes, hydronic baseboards are used for perimeter heating.								
	Describe any system maintenance challenge(s).	Foote: No Maintenance protocols in place.								
		Smaller Buildings: No Maintenance protocols in place.								
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	Foote: Outside of the RTU's, there are three MAU units that serve the fish production, boat storage and engineering lab spaces. RTUs do not appear to be marine grade and has shown considerable wear due to this.								
		Smaller Buildings: There is no additional ventilation for the small buildings. RTUs do not appear to be marine grade and has shown considerable wear due to this.								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Foote: Controls are operating as intended.		X					X	
		Smaller Buildings: Controls are operating as intended.		X					X	
	If the units operator on controls, are those controls from a BMS system or operated locally.	Foote: Operated at the thermostat locally.								
		Smaller Buildings: Operated at the thermostat locally.								
	Has the system undergone air balancing? If so, when?	Foote: Balancing has not been completed since installation of the units.								
		Smaller Buildings: It is unclear if balancing was ever completed.								
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	N/A								
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	Foote: There are numerous exhaust fans that serve the kitchen spaces along with the fish and lab spaces.		X					X	
		Smaller Buildings: There is one exhaust fan installed per building.			X			X		
	Are filters changed .	Foote: Yes, filters have been changed recently.								
		Smaller Buildings: Yes, filters have been changed recently.								
	Describe any system maintenance challenge(s).	Foote: No Maintenance protocols in place.								
		Smaller Buildings: No Maintenance protocols in place.								
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Foote: There are two gas fired DHW heaters for the building.		X					X	
		Smaller Buildings: There is 1 electric hot water heater per building.		X					X	
	Describe the uses for the Domestic Hot Water System in the building.	Foote: System serves sinks and bathrooms. It is unclear if they also serve the marine life spaces.								
		Smaller Buildings: System serves sinks and bathrooms throughout the building.								
	What controls / setpoints are used to maintain domestic hot water.	Foote: It is assummed the system operates based on demand.								
		Smaller Buildings: It is assummed the system operates based on demand.								
	Does the current DHW system provide sufficient load at peak demand.	Foote: Yes								
		Smaller Buildings: Yes								
	Describe any system maintenance challenge(s).	Foote: No Maintenance protocols in place.								
		Smaller Buildings: No Maintenance protocols in place.								

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	There are 4 total electric meters for all schools. It is unclear how the schools are split in regards to metering.								
	Describe the condition and location of electrical panels throughout the building?	Foote: Panels are in fair condition.		x					X	
		Smaller Buildings: Panels are in fair condition.		X					X	
	Does the building have a UPS systems? If so how many and what size?	Foote: No								
		Smaller Buildings: No								
	Describe any issues associated with electrical equipment, if any.	Foote: The NXGEN system may not be functioning properly. It is suggested to perform a survey on this equipment.								
		Smaller Buildings: None reported.								
	Does the building have communication / server rooms? Describe equipment within these rooms.	Foote: Yes, equipment are server racks and electrical panels.								
		Smaller Buildings: No								
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	Foote: Yes, large roof mounted generator.			x			X		
		Smaller Buildings: No	N/A				N/A			
	If the building has an Emergency Generator, what equipment does it serve.	Foote: Unclear which systems are beign served off the generator.								
		Smaller Buildings: No								
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Foote: 32 Watt T8 Fixtures used throughout.			X			X		
		Smaller Buildings: 32 Watt T8 Fixtures used throughout.			X			X		
	Are emergency lighting operated off the emergency generator or battery backup?	Foote: Battery Backup								
		Smaller Buildings: Battery Backup								
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	Foote: None	N/A							
		Smaller Buildings: None reported.								
	Cogen	Foote: Tecogen cogeneration generator found running. Unknown if heat recovery is being utilized. System should be evaluated								
	Describe any system maintenance challenge(s).	Foote: No Maintenance protocols in place.								
		Smaller Buildings: No Maintenance protocols in place.								
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	Foote: West System. Condition is good.		X					X	
		Smaller Buildings: Wet system, however, most boiler rooms did not have a heat detector.			X			X		
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).	Foote: There are smoke detectors and heat detectors throughout the building.								
		Smaller Buildings: There are smoke detectors located throughout the building.								
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	Foote: No testing was reported.								
		Smaller Buildings: No testing was reported.								
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	Foote: None shown								
		Smaller Buildings: None shown.								
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	Foote: Connected to the fire department.								
		Smaller Buildings: Connected to the fire department.								
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	Foote: This information was not provided, however it is assumed that all HVAC equipment shuts down upon a fire alarm activation.								
		Smaller Buildings: Unclear if there is any mechanical shutdown sequence.								
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	Foote: None								
		Smaller Buildings: There is an RFD access device at the front of Thomas School. No others found.								
		Foote:								
		Smaller Buildings:								
	Describe any system maintenance challenge(s).	Foote: No Maintenance protocols in place.								
		Smaller Buildings: Recommend full FA/ FP assessment for each of the smaller buildings.								

**New*	Installed or replaced in less than 3 years	early in life of unit
**Good*	System or components working well and not nearing end of life.	greater than 10 years of life likely…..
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life	2-5 year plan may need to design soon
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life	immediate

Architectural Condition Survey - New Haven Schools

School or Building Name: Sound School ATME
Address: 60 S Water St, New Haven, CT 06519
Year Built: Founded 1981
Form Filled out by: Skyler Moncada
Date of Survey if perfomed: 4/21/2022

Revision Date 21-Apr-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Anderson	Entire deck around building needs to be replaced, and the building is not sprinklered
Thomas	Main entrance fascia rots due to water damage from drainage issue, and South exterior wall is showing a 2" gap between itself and the second floor
McNeil	VCT comes up from plywood underlayment being improperly secured
Emerson	Restroom finishes and fixture sin need of replacement, shows clear signs of settlement, and many windows are rotting/leaking/in need of replacement
All Buildings	All ATME buildings are in need of a technology upgrade, and show signs of damage to siding near downspouts from improper drainage, and windows show signs of needed replacement

System	Question:	Comments:	System Condition * New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is good		x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.			x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked			x		
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.					
	Type 1:	Stud Walls, Vinyl Siding		x		
	Type 2:					
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.	West wall of Emerson building seems to suffer more wear than other building faces				
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.					
	Type 1:	Wood frame windows, single pane			x	x
	Type 2:	Skylight		x		
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Many windows are unable to hold open on their own - or have been broken, and are covered by sheets of plexiglass screwed into exterior envelope over the window.				
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Exterior doors generally in fair / poor conditions. Metal has been rusted and is deteriorating due to exposure to salty air. On occasion light could be seen through the door itself			x	x
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	3'x7' Hollow Metal, East and West faces, Emerson building in particular, elsewhere in general				
	Describe the general condition of exterior grilles/louvers for the building	Generally in good conditions		x		
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	Roof in Thomas building leaks in various locations, elsewhere in Anderson, Thomas, and Emerson no complaints			x	x
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.	One roof type for ATME, generally in good condition - with note from maintenance staff that roofing shingles from Thomas are often found in the street after wind storms				
	Type 1:	Asphalt Shingle			x	x
	Type 2:					
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good condition, with areas of normal wear and tear			x	
	Type 1:	Gypsum Stud walls			x	
	Type 2:					
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building					
	Type 1:	Storefront			x	
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.					
	Describe the general condition and type of interior doors in the building	Doors mistmatched in areas, but generally in good condition			x	
	Type 1:	Holow metal			x	
	Type 2:	Wood			x	
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU/Brick			x	
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile,				x
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	VCT often comes up in various places due to building settlement in Emerson, or otherwise in general shows signs of cracking/wear				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels, Gypsum Board			x	
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.	Occasional damaged tiles need replacement, typically where minor leaks appear				
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building				x	
	Describe the general condition of each elevator, or lift	Emerson elevator misaligned due to building settlement, otherwise generally in good condition				
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

*Good — System or components working well and not nearing end of life.
*Fair — System or components workign but increasingly require maintenance and are nearing end of useful life
*Poor — System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Sound School
Address: South Water Street, New Haven CT
Year Built: Various
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/21/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

Main Building has significant plug load usage from the various aquarium equipment that is operating 24/7.

Some RTUs/AC units located on the roofs of the schools have significant wear and rust due to not being rated for a marine environment.

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	No BMS on site. BMS is on a Niagra network system and controlled from the facility management office. BMS is in the process of being changed over to the main system.				X	X			
	Is operator using trends to determine operational performance of any items. If so provide example trend.	Trending is available but it is assummed trending data does not impact the operating parameters of the systems.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	Systems are operating in automatic mode.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	BMS system is controlled remotely.								
	Describe any system maintenance challenge(s).	BMS operator only changes BMS setpoints based on custodian recommendations. Custodian does not have access to the BMS system.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	Foote: There are six packaged rooftop units with DX cooling.			X			X		
		Smaller Buildings: There are packaged rooftop units that are DX cooling. One unit in Thomas is no longer in operation and abandoned in place. No replacement unit is in use, causing a lack of heating and cooling in the space.				X	X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Foote: Cooling plant is operated automatically. Cooling setpoints are determined from the cooling load in the building.								
		Smaller Buildings: Cooling plant is operated automatically. Cooling setpoints are determined from the cooling load in the building.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A								
		N/A								
	What is the age of the cooling system? Describe the general condition of the components.	Foote: Packaged RTUs are in fair condition.		X					X	
		Smaller Buildings: Packaged RTUs are in poor condition.				X	X			
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	Foote: Rooftop units serve VAV's. Cannot confirm condition as VAVs are located in the ceilings throughout the building.	N/A							
		Smaller Buildings: Rooftop units are ducted to supply registers	N/A							
	Are the terminal units individually controlled?	Foote: Yes, VAVs operate indepentely.								
		Smaller Buildings: N/A								
	Do the terminal units operate on a schedule? If yes, please describe.	Foote: Operator reported Covid Schedules in use. This is 6am to 10pm, 7 days per week.								
		Smaller Buildings: Operator reported Covid Schedules in use. This is 6am to 10pm, 7 days per week.								
	Is there any additional cooling equipment (electrical) used in the building.	Foote: No								
		Smaller Buildings: No								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	Foote: No	N/A							
		Smaller Buildings: No								
	Describe any system maintenance challenge(s).	Foote: There are no maitenance protocols in place.								
		Smaller Buildings: Units are not easily accessible as the access point is through attic spaces that are also used for storage. No maintenance protocols in place								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Foote: There are two large cast iron AO Smith boilers and one smaller AO smith boiler. It is unclear what the small boiler serves. There are three hot water pumps for the system.		X					X	
		Smaller Buildings: Each school has one small gas fired boiler except for Mcneil school which has 3 small boilers. If the schools with one boiler were to fail, the building would have no heating.			X			X		
	Describe any controls associated with the system. Is the heating plant operated automatically?	Foote: Heating setpoints is determined by the heating load in the building.								
		Smaller Buildings: Heating setpoints is determined by the heating load in the building.								
	Does the heating plant provide sufficient heating capacity for peak heating demand?	Foote: No heating concerns.								
		Smaller Buildings: It was noted that some of the smaller buildings have trouble maintaining heating space temperature setpoints during colder weather.								
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	Foote: Not available.								
		Smaller Buildings: HW Supply temp setpoint of 143 degrees.								
	What is the age of the heating plant? Describe the general condition of the components.	Foote: The heating plant has significant age. It is unclear the exact age of the system.			X			X		
		Smaller Buildings: The heating plant has significant age. It is unclear the exact age of the system.				X	X			
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	Foote: The RTU's provide conditioned air to the VAVs. It is unclear whether the VAVs have reheat valves.		X					X	
		Smaller Buildings: N/A	N/A							
	Describe any controls associated with the downstream equipment.	Foote: Thermostats control heating supply temperature for the VAVs.								
		Smaller Buildings: Thermostats control supply temperature to the space.								
	Is there any secondary heating units (electrical heating) used in the building?	Foote: Yes, hydronic baseboards are used for perimeter heating.								
		Smaller Buildings: Yes, hydronic baseboards are used for perimeter heating.								
	Describe any system maintenance challenge(s).	Foote: No Maintenance protocols in place.								
		Smaller Buildings: No Maintenance protocols in place.								
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	Foote: Outside of the RTU's, there are three MAU units that serve the fish production, boat storage and engineering lab spaces. RTUs do not appear to be marine grade and has shown considerable wear due to this.								
		Smaller Buildings: There is no additional ventilation for the small buildings. RTUs do not appear to be marine grade and has shown considerable wear due to this.								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Foote: Controls are operating as intended.		X					X	
		Smaller Buildings: Controls are operating as intended.		X					X	
	If the units operator on controls, are those controls from a BMS system or operated locally.	Foote: Operated at the thermostat locally.								
		Smaller Buildings: Operated at the thermostat locally.								
	Has the system undergone air balancing? If so, when?	Foote: Balancing has not been completed since installation of the units.								
		Smaller Buildings: It is unclear if balancing was ever completed.								
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	N/A								
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	Foote: There are numerous exhaust fans that serve the kitchen spaces along with the fish and lab spaces.		X					X	
		Smaller Buildings: There is one exhaust fan installed per building.			X			X		
	Are filters changed .	Foote: Yes, filters have been changed recently.								
		Smaller Buildings: Yes, filters have been changed recently.								
	Describe any system maintenance challenge(s).	Foote: No Maintenance protocols in place.								
		Smaller Buildings: No Maintenance protocols in place.								
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Foote: There are two gas fired DHW heaters for the building.		X					X	
		Smaller Buildings: There is 1 electric hot water heater per building.		X					X	
	Describe the uses for the Domestic Hot Water System in the building.	Foote: System serves sinks and bathrooms. It is unclear if they also serve the marine life spaces.								
		Smaller Buildings: System serves sinks and bathrooms throughout the building.								
	What controls / setpoints are used to maintain domestic hot water.	Foote: It is assummed the system operates based on demand.								
		Smaller Buildings: It is assummed the system operates based on demand.								
	Does the current DHW system provide sufficient load at peak demand.	Foote: Yes								
		Smaller Buildings: Yes								
	Describe any system maintenance challenge(s).	Foote: No Maintenance protocols in place.								
		Smaller Buildings: No Maintenance protocols in place.								

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	There are 4 total electric meters for all schools. It is unclear how the schools are split in regards to metering.								
	Describe the condition and location of electrical panels throughout the building?	Foote: Panels are in fair condition.		x					X	
		Smaller Buildings: Panels are in fair condition.		X					X	
	Does the building have a UPS systems? If so how many and what size?	Foote: No								
		Smaller Buildings: No								
	Describe any issues associated with electrical equipment, if any.	Foote: The NXGEN system may not be functioning properly. It is suggested to perform a survey on this equipment.								
		Smaller Buildings: None reported.								
	Does the building have communication / server rooms? Describe equipment within these rooms.	Foote: Yes, equipment are server racks and electrical panels.								
		Smaller Buildings: No								
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	Foote: Yes, large roof mounted generator.			x			X		
		Smaller Buildings: No	N/A				N/A			
	If the building has an Emergency Generator, what equipment does it serve.	Foote: Unclear which systems are beign served off the generator.								
		Smaller Buildings: No								
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Foote: 32 Watt T8 Fixtures used throughout.			X			X		
		Smaller Buildings: 32 Watt T8 Fixtures used throughout.			X			X		
	Are emergency lighting operated off the emergency generator or battery backup?	Foote: Battery Backup								
		Smaller Buildings: Battery Backup								
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	Foote: None	N/A							
		Smaller Buildings: None reported.								
	Cogen	Foote: Tecogen cogeneration generator found running. Unknown if heat recovery is being utilized. System should be evaluated								
	Describe any system maintenance challenge(s).	Foote: No Maintenance protocols in place.								
		Smaller Buildings: No Maintenance protocols in place.								
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	Foote: West System. Condition is good.		X					X	
		Smaller Buildings: Wet system, however, most boiler rooms did not have a heat detector.			X			X		
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).	Foote: There are smoke detectors and heat detectors throughout the building.								
		Smaller Buildings: There are smoke detectors located throughout the building.								
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	Foote: No testing was reported.								
		Smaller Buildings: No testing was reported.								
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	Foote: None shown								
		Smaller Buildings: None shown.								
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	Foote: Connected to the fire department.								
		Smaller Buildings: Connected to the fire department.								
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	Foote: This information was not provided, however it is assumed that all HVAC equipment shuts down upon a fire alarm activation.								
		Smaller Buildings: Unclear if there is any mechanical shutdown sequence.								
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	Foote: None								
		Smaller Buildings: There is an RFD access device at the front of Thomas School. No others found.								
		Foote:								
		Smaller Buildings:								
	Describe any system maintenance challenge(s).	Foote: No Maintenance protocols in place.								
		Smaller Buildings: Recommend full FA/ FP assessment for each of the smaller buildings.								

**New*	Installed or replaced in less than 3 years	early in life of unit
**Good*	System or components working well and not nearing end of life.	greater than 10 years of life likely…..
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life	2-5 year plan may need to design soon
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life	immediate

Architectural Condition Survey - New Haven Schools

School or Building Name: Name
Address: Address
Year Built: Year
Form Filled out by: Assessor
Date of Survey if perfomed: Date

Revision Date 13-Jan-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
A SUBSTRUCTURE										
A1010 FOUNDATIONS	Describe general condition of building foundations.									
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.									
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.									
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.									
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked									
B SHELL										
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.									
	Type 1:									
	Type 2:									
	Type 3:									
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.									
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.									
	Type 1:									
	Type 2:									
	Type 3:									
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.									
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building									
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.									
	Describe the general condition of exterior grilles/louvers for the building									
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.									

B3010 ROOFING	Describe the general condition and age of roofing the building											
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.											
	Type 1:											
	Type 2:											
	Type 3:											
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.											
C INTERIORS												
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building											
	Type 1:											
	Type 2:											
	Type 3:											
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.											
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building											
	Type 1:											
	Type 2:											
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.											
	Describe the general condition and type of interior doors in the building											
	Type 1:											
	Type 2:											
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.											
C2010 WALL FINISHES	Describe the general condition and type of wall finishes											
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.											
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building											
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.											
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building											
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.											
D SERVICES												
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building											
	Describe the general condition of each elevator, or lift											
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.											

*** System Condition**

New	System or components are newly installed within the past year.
Good	System or components working well and not nearing end of life.
Fair	Sysetm or components workign but increasingly require maintenance and are nearing end of useful life
Poor	Sysetem is problematic, causes disruption to occupants and operators and is at the end of useful life

**** Priority of Need**

Priority 1 (P1)	Immediate - Issue should be addressed immediately.
Priority 2 (P2)	High - Issue should be addressed within the next 1-2 years.
Priority 3 (P3)	Medium - Issue should be addressed within the next 3-5 years.
Priority 4 (P4)	Low - Issue should be addressed within the next 6-10 years.

MEP Condition Survey - New Haven Schools

School or Building Name: Davis Academy for Art and Design
Address: 35 Davis Street, New Haven CT
Year Built: 2005
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/19/2022

Revision Date 5-Apr-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	BMS is a 10 year old Honeywell system. System is in fair condition.		X				X		
	Is operator using trends to determine operational performance of any items. If so provide example trend.	Trending is available but it is assummed trending data does not impact the operating parameters of the systems.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	System operates using DDC. All systems are operating automatically.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	The BMS is primarily controlled remotely but does have a local front end in a data closet.								
	Describe any system maintenance challenge(s).	BMS operator only changes BMS setpoints based on custodian recommendations. Custodian does not have access to the BMS system.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	There is one Chiller, one Cooling tower and three CHWP for the system. Chiller has a leak on circuit two and thus, the refrigeration detection system has been disabled. This is a potential IAQ safety issue.			X			X		
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Cooling Plant operates based on building load.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	Chiller enables at a 65 degree setpoint.			X			X		
	What is the age of the cooling system? Describe the general condition of the components.	Other than the refrigerant leak the system is in good condition. The approximate age of the system is within the last 10 years.								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	The CHW plant serves the chilled water coils within the RTUs along with the fan coil units in the building. There are 10 Roof Top Units providing conditioned air to the space		X					X	
	Are the terminal units individually controlled?	The VAVs are controlled per the local thermostats in each classroom/space.								
	Do the terminal units operate on a schedule? If yes, please describe.	Covid schedules are being utilized. This was reported to be 6am to 10pm, 7 days a week.								
	Is there any additional cooling equipment (electrical) used in the building.	There are three fan coil units in the building.								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).	There are no maintenance protocols in place. Maintenance is completed on an as failed basis. Chiller should be repaired and refrigerant detection system should be put back into service ASAP.								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Building has 3 Hot Water Boilers (duel fuel). The system is also equipped with 4 HWPs. The system send hot water to the hot water coils in the RTU to condition the supply air.		X					X	
	Describe any controls associated with the system. Is the heating plant operated automatically?	The heating plant is operated automatically based off the heating load required.								
	Does the heating plant provide sufficient heating capacity for peak heating demand?	No isses reported with the heating system.								
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	Setpoints are based on heating load. Per the BMS the hot water supply temperature is around 160 degrees.								
	What is the age of the heating plant? Describe the general condition of the components.	The heating plant was within the last 10 years.. System is in good condition.		X					X	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	The RTU's provide conditioned air to the VAVs.	N/A							
	Describe any controls associated with the downstream equipment.	VAVs operate based on thermostat settings.								
	Is there any secondary heating units (electrical heating) used in the building?	Building uses hydronic radiatrs for perimeter heating within classrooms and offices and has cbinet units heaters and unit heaters within stairwells and storages spaces.								
	Describe any system maintenance challenge(s).	There are no maitenance protocols in place.								
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	There are 10 RTUs, 1 makeup air unit and 2 energy recovery units. Various RTUs were found to were found with broken belts and dirty coils.								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Controls are based on heating/cooling load from the thermostat setpoints in the building.		X					X	
	If the units operator on controls, are those controls from a BMS system or operated locally.	The BMS monitors various setpoints and control points on the RTUs.								
	Has the system undergone air balancing? If so, when?	Balancing has not been completed since installation.								
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	RTU-3A, 3B and 10 are equipped with enthalpy wheels. It was found that the belts on the enthalpy arent on and thus, the enthalpy wheel is not working. The school will have excesive energy usage until the enthalpy wheels are properly repaired.								
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	There are three toilet exhaust fans (1 for each floor). The units are controlled through the BMS and operate based on schedule.			X			X		
	Are filters changed .	There is no maintenance protocol for the building. Filters are changed on an as needed basis when custodial staff puts in work orders and are approved by NHS.								
	Describe any system maintenance challenge(s).	There are no maintenance schedules for any system within the building. Maintenance is completed on an as failed basis.								
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	There is one Domestic Hot Water Heater that is gas operated. Hot water heater is in good condition.		X					X	
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building. Domestic Water is also used for labs with sinks.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.								
	Does the current DHW system provide sufficient load at peak demand.	No comfort issues have been reported, thus it is assumed that the domestic hot water system provides sufficient heating to the building.								
	Describe any system maintenance challenge(s).	Maintenance is completed on an as needed basis.								

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	There is one main electrical meter for this building.									
	Describe the condition and location of electrical panels throughout the building?	Electrical panels are located in electrical rooms throughout the building.		x					X		
	Does the building have a UPS systems? If so how many and what size?	Building does have a UPS. It appears the UPS is not functioning and is in fault mode.				X	X				
	Describe any issues associated with electrical equipment, if any.	No electrical issues reported.									
	Does the building have communication / server rooms? Describe equipment within these rooms.	Building has dedicated electrical rooms. These rooms consist of server racks and electrical panels. Rooms were found to be used as storage also.									
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A			x		X				
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Building consists of LED Fixtures and occupancy/vacancy sensors. No issues have been reported by the building staff.		X					X		
	Are emergency lighting operated off the emergency generator or battery backup?	Emergency Lighting is assumed to operate on battery backup.									
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	There are multiple arrays of PV on the roof of the building. However, inverters on the roof where found to be failed preventing electricity production from the system.				X	X				
	Describe any system maintenance challenge(s).	Building staff has limited maintenance responsibilities for the electrical systems.									
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	It is believed to be a wet system. No fire pump within the building.		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc....).	Building does have smoke, heat and duct detectors.									
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	There is no fire alarm maintenance protocols in plaec. It is assummed the tamper/flow switches have not been tested since installation.									
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	No trouble or alarm points were shown on the fire alarm panel.									
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	Connected to the fire department.									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	This information was not provided, however it is assumed that all HVAC equipment shuts down upon a fire alarm activation.									
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	No access control devices were observed.									
	Describe any system maintenance challenge(s).	No information from custodian. It was indicated no preventative maintenance plan in place. Equipment is repaired/ replaced as it fails.									

**New*	Installed or replaced in less than 3 years	early in life of unit
**Good*	System or components working well and not nearing end of life.	greater than 10 years of life likely.....
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life	2-5 year plan may need to design soon
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life	immediate

Architectural Condition Survey - New Haven Schools

School or Building Name: Name
Address: Address
Year Built: Year
Form Filled out by: Assessor
Date of Survey if perfomed: Date

Revision Date 13-Jan-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
A SUBSTRUCTURE										
A1010 FOUNDATIONS	Describe general condition of building foundations.									
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.									
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.									
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.									
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked									
B SHELL										
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.									
	Type 1:									
	Type 2:									
	Type 3:									
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.									
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.									
	Type 1:									
	Type 2:									
	Type 3:									
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.									
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building									
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.									
	Describe the general condition of exterior grilles/louvers for the building									
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.									

B3010 ROOFING	Describe the general condition and age of roofing the building											
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.											
	Type 1:											
	Type 2:											
	Type 3:											
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.											
C INTERIORS												
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building											
	Type 1:											
	Type 2:											
	Type 3:											
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.											
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building											
	Type 1:											
	Type 2:											
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.											
	Describe the general condition and type of interior doors in the building											
	Type 1:											
	Type 2:											
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.											
C2010 WALL FINISHES	Describe the general condition and type of wall finishes											
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.											
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building											
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.											
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building											
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.											
D SERVICES												
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building											
	Describe the general condition of each elevator, or lift											
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.											

*** System Condition**

New	System or components are newly installed within the past year.
Good	System or components working well and not nearing end of life.
Fair	Sysetm or components workign but increasingly require maintenance and are nearing end of useful life
Poor	Sysetem is problematic, causes disruption to occupants and operators and is at the end of useful life

**** Priority of Need**

Priority 1 (P1)	Immediate - Issue should be addressed immediately.
Priority 2 (P2)	High - Issue should be addressed within the next 1-2 years.
Priority 3 (P3)	Medium - Issue should be addressed within the next 3-5 years.
Priority 4 (P4)	Low - Issue should be addressed within the next 6-10 years.

MEP Condition Survey - New Haven Schools

School or Building Name: Benjamin Jepson Magnet School
Address: 15 Lexington Avenue, New Haven CT
Year Built: 2009
Form Filled out by: Edward Hausmann
Date of Survey if performed: 4/21/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	BMS is a 13 year old Honeywell system. System is in fair condition.			X			X		
	Is operator using trends to determine operational performance of any items. If so provide example trend.	Trending is available on some of the BMS points.								
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	Systems operates automatically through bms controls. Custodian on site reported he has no control over system operation.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	The BMS is primarily controlled remotely but does have a local front end in a data closet.								
	Describe any system maintenance challenge(s).	BMS operator only changes BMS setpoints based on custodian recommendations. Custodian does not have access to the BMS.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	There is one split Chiller located in the boiler room with the condenser directly outside on the side of the building. There are two CHWP for the system. One compressor for the chiller has failed and the condenser coils are visibility clogged.			X			X		
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Chiller operates based on building load.								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A							
	What is the age of the cooling system? Describe the general condition of the components.	The system is in poor condition. The approximate age of the system is within the last 13 years old.								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	The CHW plant serves the chilled water coils within the AHUs. The AHU's then send conditioned air to the VAV boxes located in the spaces.		X					X	
	Are the terminal units individually controlled?	The VAVs are controlled per the local thermostats in each classroom/space.								
	Do the terminal units operate on a schedule? If yes, please describe.	Covid schedules are being utilized. This was reported to be 6am to 10pm, 7 days a week.								
	Is there any additional cooling equipment (electrical) used in the building.	There are three split system AC units in the building. It is assummed that these units serve the data closets								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).	Custodian does not maintain cooling within the building. If changes are needed, custodian needs to alert a BMS operator. The chiller is in need of repair and service.								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Building has 2 Hot Water Boilers (duel fuel). The system is also equipped with 6 HWPs. The system utilizes four (4) AHU's to provide heating to the space along with a heat recovery unit serving the gym and locker rooms.		X					X	
	Describe any controls associated with the system. Is the heating plant operated automatically?	The heating plant is operated automatically based off the heating load required.								
	Does the heating plant provide sufficient heating capacity for peak heating demand?	No isses reported with the heating system.								
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	Setpoints are based on heating load. Per the BMS the hot water supply temperature is around 160 degrees.								
	What is the age of the heating plant? Describe the general condition of the components.	The heating plant was within the last 15 years.. System is in fair condition.		X					X	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	The AHU's provide air to the VAVs. It is unclear whether the VAVs have reheat valves. There was no access provided to VAVs to determine condition.	N/A							
	Describe any controls associated with the downstream equipment.	VAVs operate based on thermostat settings.								
	Is there any secondary heating units (electrical heating) used in the building?	Building uses hydronic baseboards as supplemental heating for the building.								
	Describe any system maintenance challenge(s).	Custodian does not maintain heating within the building. If changes are needed, custodian needs to alert a BMS operator.								
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	There are 4 AHUs and 2 heat recovery units and one makeup air unit. The make up air unit that supplies the boiler room was found not operational.								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Controls are based on heating/cooling load from the thermostat setpoints in the building.		X					X	
	If the units operator on controls, are those controls from a BMS system or operated locally.	The BMS monitors various setpoints and control points on the RTUs. All controls are operated remotely.								
	Has the system undergone air balancing? If so, when?	Balancing has not been completed since installation.								
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).	The main AHU contains an enthalpy wheel. The wheel was found to be enabled but running excessively fast. Recommend the wheel to be checked for proper operation.								
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	There are various exhaust fan that were found on the roof. However, the BMS does not show the status of the exhaust fans or where they serve.			X			X		
	Are filters changed .	There is no maintenance protocol for the building. Filters are changed on an as needed basis when custodial staff puts in work orders and are approved by NHS.								
	Describe any system maintenance challenge(s).	There are no maitenance protocols in place.								
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	There is one gas fired Domestic Hot Water Heater connected to a substantial storage tank. The condition of the water heater appears age appropriate.		X					X	
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building. Domestic Water is also used for labs with sinks.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.								
	Does the current DHW system provide sufficient load at peak demand.	No comfort issues have been reported, thus it is assumed that the domestic hot water system provides sufficient heating to the building.								
	Describe any system maintenance challenge(s).	Domestic hot water heater is nearing the end of their useful life.								

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	There is two electric meter for this building. 12001147 and 11234741									
	Describe the condition and location of electrical panels throughout the building?	Electrical panels are located in electrical rooms throughout the building.		X					X		
	Does the building have a UPS systems? If so how many and what size?	Building does not have a UPS.	N/A								
	Describe any issues associated with electrical equipment, if any.	No electrical issues reported.									
	Does the building have communication / server rooms? Describe equipment within these rooms.	Building has dedicated electrical rooms. These rooms consist of server racks and electrical panels. Rooms were found to be used as storage also.									
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	Building consists of 32W T8 fixtures. Building does have occupancy/vacancy sensors and exterior lighting controls. Lighting systems should be reviewed and LED upgrade should be considered in the future.			X			X			
	Are emergency lighting operated off the emergency generator or battery backup?	Emergency Lighting is assumed to operate on battery backup.									
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	There is multiple arrays of PV for the building. PV was found damaged on various panels. Unknown if inverters are operational.				X	X				
	Describe any system maintenance challenge(s).	Building staff has limited maintenance responsibilities for the electrical systems.									
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	It is believed to be a wet system. No fire pump within the building.		X					X		
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).	The FSP has tamper switch and flow switches that relay information to the FACP. There are smoke detectors in the spaces.									
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	No fire alarm maintenance schedules.									
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	No trouble or alarm points were shown on the fire alarm panel.									
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	The fire alarm system is connected to the fire department.									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	This information was not provided, however it is assumed that all HVAC equipment shuts down upon a fire alarm activation.									
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?	No access control devices were observed.									
	Describe any system maintenance challenge(s).	No information from custodian. It was indicated no preventative maintenance plan in place. Equipment is repaired/ replaced as it fails.									

**New*	Installed or replaced in less than 3 years	early in life of unit
**Good*	System or components working well and not nearing end of life.	greater than 10 years of life likely…..
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life	2-5 year plan may need to design soon
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life	immediate

Architectural Condition Survey - New Haven Schools

School or Building Name: Barnard Magnet School
Address: 170 Derby Ave., New Haven, CT 06515
Year Built: Original
Form Filled out by: Jeff McGrath
Date of Survey if perfomed: 10/11/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

System Condition *

System	Question:	Comments:	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is good		x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	General condition of slab on grade is fair			x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Some signs of minor settlement causing cracking in floor VCT				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked	Unknown				
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.	Generally in good condition.		x		
	Type 1:			x		
	Type 2:			x		
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.	cosmetic work needed throughout				
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.					
	Type 1:	all windows in good condition		x		
	Type 2:					
	Type 3:				x	
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Window blinds most generally require repair or replacement			x	
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Exterior doors in fair condition			x	
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	Metal		x		
	Describe the general condition of exterior grilles/louvers for the building	some maintenance needed			x	
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	Roof has minor leaks. Easily can be patched.		x		
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.					
	Type 1:	Fully Adhered TPO Membrane		x		
	Type 2:	Sheet Metal Roof		x		
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good conditions		x		
	Type 1:	CMU/Brick		x		
	Type 2:	Gypsum Metal Stud Partitions		x		
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building	good condition		x		
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	None				
	Describe the general condition and type of interior doors in the building			x		
	Type 1:	Holow metal		x		
	Type 2:	Wood		x		
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU/Brick		x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile			x	
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Hallway and classroom VCT showing cracks, sometimes allows ants in. Classroom vct seems to crack along column grid due to settlement				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels Gypsum Board		x		
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.					
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building					
	Describe the general condition of each elevator, or lift			x		
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

**Good*	System or components working well and not nearing end of life.
**Fair*	System or components workign but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Barnard Magnet School
Address: 170 Derby Ave, New Haven CT
Year Built:
Form Filled out by: Jeff McGrath
Date of Survey if performed: 10/11/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	tridium		X				x		
	Is operator using trends to determine operational performance of any items. If so provide example trend.									
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.									
	Is the BMS system controlled remotely or is there a dedicated operating station?	remote								
	Describe any system maintenance challenge(s).	No BMS control on site.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	Chiller air cooled		x			X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?									
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A							
	What is the age of the cooling system? Describe the general condition of the components.	15 years								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	4 chilled water pumps			x					
	Are the terminal units individually controlled?									
	Do the terminal units operate on a schedule? If yes, please describe.									
	Is there any additional cooling equipment (electrical) used in the building.	Fan Coiled units								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).	FCU access is a challenge								

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Boilers (2)			x				x	
	Describe any controls associated with the system. Is the heating plant operated automatically?									
	Does the heating plant provide sufficient heating capacity for peak heating demand?									
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?									
	What is the age of the heating plant? Describe the general condition of the components.	15 Years							x	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	2 heat pumps			x					
	Describe any controls associated with the downstream equipment.									
	Is there any secondary heating units (electrical heating) used in the building?									
	Describe any system maintenance challenge(s).									
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?									
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.				x				x	
	If the units operator on controls, are those controls from a BMS system or operated locally.									
	Has the system undergone air balancing? If so, when?									
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).									
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	Bathrooms		x						x
	Are filters changed .	???								
	Describe any system maintenance challenge(s).									
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Gas on demand w/ 2 circ pumps ands expansion tank on loop		x			x			
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.								
	Does the current DHW system provide sufficient load at peak demand.	yes								
	Describe any system maintenance challenge(s).	On the evos the condensate is in poor condition								

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.										
	Describe the condition and location of electrical panels throughout the building?	Fair, not labeled		X							
	Does the building have a UPS systems? If so how many and what size?										
	Describe any issues associated with electrical equipment, if any.	No PM program									
	Does the building have communication / server rooms? Describe equipment within these rooms.	needs cooling									
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.				x						
	Are emergency lighting operated off the emergency generator or battery backup?										
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	N/A	N/A								
	Describe any system maintenance challenge(s).										
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	Wet		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).										
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.										
	Describe general trouble / alarm monitored points by the Fire Alarm panel.										
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	Yes, Unknown									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.	Unknown									
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?										
	Describe any system maintenance challenge(s).										

**New*	Installed or replaced in less than 3 years
**Good*	System or components working well and not nearing end of life.
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: King Robinson School
Address: 150 Fournier Street, New Haven, CT 06515
Year Built: Original
Form Filled out by: Jeff McGrath
Date of Survey if perfomed: 10/13/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

System Condition *

System	Question:	Comments:	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is good		x	x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	General condition of slab on grade is good		x	x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Signs of minor settlement causing cracking in floor VCT				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked					
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.	Generally in good condition.		x		
	Type 1:			x		
	Type 2:			x		
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.					
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.					
	Type 1:			x		
	Type 2:					
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Window blinds all generally require repair or replacement			x	
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Exterior doors in good condition		x		
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	3'x7' Hollow Metal		x		
	Describe the general condition of exterior grilles/louvers for the building					
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	Roof has minor leaks, expected leaks. One specific leak at stage end of gymnasium due to suspected improper seal on roof at point of penetration for solar panels by maintenance staff. Easily patched.		x		
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.					
	Type 1:	Fully Adhered TPO Membrane		x		
	Type 2:	Sheet Metal Roof		x		
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good conditions		x		
	Type 1:	CMU/Brick		x		
	Type 2:	Gypsum Metal Stud Partitions		x		
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building					
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	None				
	Describe the general condition and type of interior doors in the building			x		
	Type 1:	Holow metal		x		
	Type 2:	Wood		x		
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU/Brick		x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile			x	
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Hallway and classroom VCT showing cracks, sometimes allows ants in. Classroom vct seems to crack along column grid due to settlement				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels Gypsum Board		x		
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.					
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building					
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

**Good*	System or components working well and not nearing end of life.
**Fair*	System or components workign but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: King Robinson
Address: 150 Fournier Street, New Haven CT
Year Built:
Form Filled out by: Jeff McGrath
Date of Survey if performed: 10/13/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	Honeywell				X				
	Is operator using trends to determine operational performance of any items. If so provide example trend.									
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.									
	Is the BMS system controlled remotely or is there a dedicated operating station?									
	Describe any system maintenance challenge(s).									
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	(2) chillers water cooled			X		X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?									
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A							
	What is the age of the cooling system? Describe the general condition of the components.	17								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.			X					X	
	Are the terminal units individually controlled?									
	Do the terminal units operate on a schedule? If yes, please describe.									
	Is there any additional cooling equipment (electrical) used in the building.	8 AHU with chilled water coils, cooling tower								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).									

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	(2) boilers, gas			x				x	
	Describe any controls associated with the system. Is the heating plant operated automatically?										
	Does the heating plant provide sufficient heating capacity for peak heating demand?										
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?										
	What is the age of the heating plant? Describe the general condition of the components.			x					x	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.										
	Describe any controls associated with the downstream equipment.										
	Is there any secondary heating units (electrical heating) used in the building?										
		Expansion tank in place									
	Describe any system maintenance challenge(s).	circ pumps location									
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?										
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.				x						
	If the units operator on controls, are those controls from a BMS system or operated locally.										
	Has the system undergone air balancing? If so, when?										
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).										
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.			x							
	Are filters changed .										
	Describe any system maintenance challenge(s).										
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.				x		x				
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building.									
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.									
	Does the current DHW system provide sufficient load at peak demand.										
	Describe any system maintenance challenge(s).										

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.										
	Describe the condition and location of electrical panels throughout the building?				X					X	
	Does the building have a UPS systems? If so how many and what size?				X						
	Describe any issues associated with electrical equipment, if any.										
	Does the building have communication / server rooms? Describe equipment within these rooms.										
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.	yes, life safety									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.					X	X				
	Are emergency lighting operated off the emergency generator or battery backup?										
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	N/A	N/A								
	Describe any system maintenance challenge(s).										
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	.		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).										
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.										
	Describe general trouble / alarm monitored points by the Fire Alarm panel.										
	Is there a Central Station Monitoring system set up? If so who is the point of contact?										
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.										
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?										
	Describe any system maintenance challenge(s).										

**New*	Installed or replaced in less than 3 years
**Good*	System or components working well and not nearing end of life.
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: Edgewood Magnet School
Address: 737 Edgewood Avenue New Haven,Ct.06515
Year Built: 1911/ Refurbished 1999
Form Filled out by: Joseph Barbarotta
Date of Survey if perfomed: 44665

Revision Date 13-Jan-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Building last renovated in 1999

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
A SUBSTRUCTURE										
A1010 FOUNDATIONS	Describe general condition of building foundations.	Good		X						X
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	None								
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	N/A								
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	N/A								
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked	N/A								
B SHELL										
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.									
	Type 1:	Brick								
	Type 2:									
	Type 3:									
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.	N/A								
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.									
	Type 1:	Store front metal frame								
	Type 2:	HALF ROUND								
	Type 3:									
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	N/A								
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building									
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	Hollow Metal 3'x7'								
	Describe the general condition of exterior grilles/louvers for the building	Good								
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.	N/A								

B3010 ROOFING	Describe the general condition and age of roofing the building										
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.										
	Type 1:	EPDM									
	Type 2:										
	Type 3:										
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.										
C INTERIORS											
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building										
	Type 1:	SHEETROCK									
	Type 2:	BRICK									
	Type 3:	BLOCK									
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.										
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building										
	Type 1:	ALUMINUM FRAMES									
	Type 2:										
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.										
	Describe the general condition and type of interior doors in the building										
	Type 1:	WOOD, METAL HOLLOW									
	Type 2:										
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.										
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	BLOCK ,SHEETROCK,BRICK									
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.										
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT CARPET									
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.										
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	ACOUTICAL CEILING TILES, SHEETROCK									
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.										
D SERVICES											
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building	3 FLOORS									
	Describe the general condition of each elevator, or lift										
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.										

*** System Condition**

New	System or components are newly installed within the past year.
Good	System or components working well and not nearing end of life.
Fair	Sysetm or components workign but increasingly require maintenance and are nearing end of useful life
Poor	Sysetem is problematic, causes disruption to occupants and operators and is at the end of useful life

**** Priority of Need**

Priority 1 (P1)	Immediate - Issue should be addressed immediately.
Priority 2 (P2)	High - Issue should be addressed within the next 1-2 years.
Priority 3 (P3)	Medium - Issue should be addressed within the next 3-5 years.
Priority 4 (P4)	Low - Issue should be addressed within the next 6-10 years.

MEP Condition Survey - New Haven Schools

School or Building Name: Edgewood
Address: 737 Edgewood Ave.
Year Built: 1911/1999
Form Filled out by: Joseph Barbarotta
Date of Survey if perfomed: 4/14/2022

Revision Date 5-Apr-22 | Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	BMS system is in fair condition			X				X	
	Is operator using trends to determine operational performance of any items. If so provide example trend.									
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	System operating automatically.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	BMS interface is located at Facilities building. There is remote access to the EBI servers.								
	Describe any system maintenance challenge(s).	No known challenges								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	No Chiller			X					
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	N/A								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A								
	What is the age of the cooling system? Decribe the general condition of the components.	approximately 20 years								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	N/A			X					
	Are the terminal units individually controlled?	Yes								
	Do the terminal units operate on a schedule? If yes, please describe.	Yes. All units are associated with occupancy schedules.								
	Is there any additional cooling equipment (electrical) used in the building.	No								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	No								
	Describe any system maintenance challenge(s).	No known challenges								

Heating	Decscribe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	(6) boilers, (12) heating pumps			X						
	Describe any controls associated with the system. Is the heating plant operated automatically?	Yes									
	Does the heating plant provide sufficient heating capacity for peak heating demand?	Yes									
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	Hot Water Reset according to Outside Air									
	What is the age of the heating plant? Describe the general condition of the components.	Approximatelly 20 years			X						
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	Radiant heating and (20) AC Units				x					
	Describe any controls associated with the downstream equipment.	XL500 controllers, XL50 Controllers									
	Is there any secondary heating units (electrical heating) used in the building?	No									
	Describe any system maintenance challenge(s).	No known challenges									
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?										
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	XL5000 Honeywell controls. Controls working properly.			X						
	If the units operature on controls, are those controls from a BMS system or operated locally.	From the BMS									
	Has the system undergone air balancing? If so, when?	During commissioning									
	Are any energy saving techniques incorportated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc....).	Yes. Economizer									
	What spaces do exhaust fans serve, if any? Describe controls on this equipement. Indicate condition of equipment.	Entire building. Enable Disable according to occupancy schedule in controls			X						
	Are filters changed .	Yes									
	Describe any system maintenance challenge(s).	None									
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Gas			X						
	Describe the uses for the Domestic Hot Water System in the building.	Entire building.									
	What controls / setpoints are used to maintain domestic hot water.	XL5000 Honeywell controls. setpoint temp locally controlled									
	Does the current DHW system provide sufficient load at peak demand.	Yes									
	Describe any system maintenance challenge(s).	None									

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	ONE									
	Describe the condition and location of electrical panels throughout the building?	ALL OVER THE BUILDING ,OLDER PANELS									
	Does the buiding have a UPS systems? If so how many and what size?										
	Describe any issues associated with electrical equipment, if any.										
	Does the building have communication / server rooms? Describe equipment within these rooms.	SERVER ROOM									
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	NO									
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.	LIGHTING NEEDS UPGRDING									
	Are emergency lighting operated off the emergency generator or battery backup?	NO									
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	NO									
	Describe any system maintenance challenge(s).										
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	SPRINKLERS									
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc...).	SMOKE , HEAT,DUCT DETECTORS									
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	NO									
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	NOTIFIER PANEL NEEDS UPGRADING									
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	YES									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activiation.	HVAC SUTS DOWN									
	Are there any accss control devices within the facility? Do these devices release upon a fire alarm activation?	MAGNETIC DOORS									
	Describe any system maintenance challenge(s).										

**New* Insalled or replaced in less than 3 years
**Good* System or components working well and not nearing end of life.
**Fair* Sysetm or components workign but increasingly require maintenance and are nearing end of useful life
**Poor* Sysetem is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: FAME (Old Columbus)
Address: 255 Blatchley Avenue New Haven, Ct. 06513
Year Built: 2008
Form Filled out by: Joseph Barbarotta
Date of Survey if performed: 4/14/2022

Revision Date 13-Jan-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
A SUBSTRUCTURE										
A1010 FOUNDATIONS	Describe general condition of building foundations.			X						X
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	N/A								
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	GOOD								X
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.									
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked	N/A								
B SHELL										
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.									
	Type 1:	BRICK								X
	Type 2:	CURTAIN WALL							X	
	Type 3:									
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.	N/A								
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.	ALUMINUM								
	Type 1:									
	Type 2:									
	Type 3:									
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	N/A								
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building									
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	WOOD , HOLLOW METAL, ALUMINUM								
	Describe the general condition of exterior grilles/louvers for the building	GOOD								
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.									

B3010 ROOFING	Describe the general condition and age of roofing the building										
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.										
	Type 1:	EPDM		GOOD							X
	Type 2:										
	Type 3:										
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.										
C INTERIORS											
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building										
	Type 1:	SHEETROCK, CEMENT BLOCK									
	Type 2:										
	Type 3:										
	Identify specific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.										
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building										
	Type 1:										
	Type 2:										
	Identify specific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.										
	Describe the general condition and type of interior doors in the building										
	Type 1:	WOOD , HOLLOW METAL, ALUMINUM									
	Type 2:										
	Identify specific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.										
C2010 WALL FINISHES	Describe the general condition and type of wall finishes										
	Identify specific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.										
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT									
	Identify specific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	CERAMIC TILES									
		CARPET									
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	ACOUSTICAL CEILING TILES									
	Identify specific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.										
D SERVICES											
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building	BASEMENT PLUS TWO FLOORS									
	Describe the general condition of each elevator, or lift	GOOD									X
	Identify specific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.										

*** System Condition**

New	System or components are newly installed within the past year.
Good	System or components working well and not nearing end of life.
Fair	System or components working but increasingly require maintenance and are nearing end of useful life
Poor	System is problematic, causes disruption to occupants and operators and is at the end of useful life

**** Priority of Need**

Priority 1 (P1)	Immediate - Issue should be addressed immediately.
Priority 2 (P2)	High - Issue should be addressed within the next 1-2 years.
Priority 3 (P3)	Medium - Issue should be addressed within the next 3-5 years.
Priority 4 (P4)	Low - Issue should be addressed within the next 6-10 years.

MEP Condition Survey - New Haven Schools

School or Building Name: Fame (Old Columbus)
Address: 255 Blatchley Ave.
Year Built: 2008
Form Filled out by: Joseph Barbarotta
Date of Survey if perfomed: 4/14/2022

Revision Date 5-Apr-22
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	BMS system is in fair condition			X				X	
	Is operator using trends to determine operational performance of any items. If so provide example trend.									
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.	System operating automatically.								
	Is the BMS system controlled remotely or is there a dedicated operating station?	BMS interface is located at Facilities building. There is remote access to the EBI servers.								
	Describe any system maintenance challenge(s).	No known challenges								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	(1) Chiller, (4) Chill Water Pumps. No cooling tower.			X				X	
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Honeywell XL5000 controls. Cooling is being controled automatically								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A							X	
	What is the age of the cooling system? Decribe the general condition of the components.	approximately 20 years								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.	Rooftop Units			X				X	
	Are the terminal units individually controlled?	Yes								
	Do the terminal units operate on a schedule? If yes, please describe.	Yes. All units are associated with occupancy schedules.								
	Is there any additional cooling equipment (electrical) used in the building.	No								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	No								
	Describe any system maintenance challenge(s).	No known challenges								

Heating	Decscribe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	(3) boilers, (5) Hot Water Pumps			X						X
	Describe any controls associated with the system. Is the heating plant operated automatically?	Honeywell XL5000 controls. Cooling is being controled automatically									
	Does the heating plant provide sufficient heating capacity for peak heating demand?	Yes									
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?	Hot Water Reset according to Outside Air									
	What is the age of the heating plant? Describe the general condition of the components.	Approximatelly 20 years			X					X	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	Radiant heating, VAV's				x				X	
	Describe any controls associated with the downstream equipment.	XL10 LON controllers. Controls VAV's									
	Is there any secondary heating units (electrical heating) used in the building?	No									
	Describe any system maintenance challenge(s).	No known challenges									
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?										
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	XL5000 Honeywell controls. Controls working properly.			X					X	
	If the units operature on controls, are those controls from a BMS system or operated locally.	From the BMS									
	Has the system undergone air balancing? If so, when?	During commissioning									
	Are any energy saving techniques incorportated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc....).	Yes. Economizer									
	What spaces do exhaust fans serve, if any? Describe controls on this equipement. Indicate condition of equipment.	Entire building. Enable Disable according to occupancy schedule in controls			X					X	
	Are filters changed .	Yes									
	Describe any system maintenance challenge(s).	None									
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Gas			X					X	
	Describe the uses for the Domestic Hot Water System in the building.	Entire building.									
	What controls / setpoints are used to maintain domestic hot water.	XL5000 Honeywell controls. setpoint temp locally controlled									
	Does the current DHW system provide sufficient load at peak demand.	Yes									
	Describe any system maintenance challenge(s).	None									

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.	ONE									
	Describe the condition and location of electrical panels throughout the building?	PANELS IN GOOD SHAPE									
	Does the buiding have a UPS systems? If so how many and what size?										
	Describe any issues associated with electrical equipment, if any.	NO									
	Does the building have communication / server rooms? Describe equipment within these rooms.	YES									
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	NO									
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.										
	Are emergency lighting operated off the emergency generator or battery backup?	NO									
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.										
	Describe any system maintenance challenge(s).										
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	SPRINKLERS									
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc...).	SMOKE DETECTORS, HEAT DETECTORS, DUCT SENSORS									
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.	NO									
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	N/A									
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	YES									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activiation.	YES ALL UNTITS SHUT DOWN									
	Are there any accss control devices within the facility? Do these devices release upon a fire alarm activation?	YES HALLWAY DOORS HAVE MAGNETIC RELEASES									
	Describe any system maintenance challenge(s).	ON CALL CONTRACTORS PERFORMS ANNUAL MAINTENANCE									

**New* Insalled or replaced in less than 3 years
**Good* System or components working well and not nearing end of life.
**Fair* Sysetm or components workign but increasingly require maintenance and are nearing end of useful life
**Poor* Sysetem is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: HSC
Address: 175 Water Street, New Haven, CT 06515
Year Built: Original
Form Filled out by: Jeff McGrath
Date of Survey if perfomed: 10/12/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Suffered from roof leaks

System Condition *

System	Question:	Comments:	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is good		x	x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	General condition of slab on grade is good		x	x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Signs of minor settlement causing cracking in floor VCT				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked					
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.	Generally in good condition.		x		
	Type 1:			x		
	Type 2:			x		
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.	N/A				
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.	Store front type		X		
	Type 1:					
	Type 2:					
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Window blinds some require repair or replacement			x	
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Exterior doors in good condition		x		
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	Metal		x		
	Describe the general condition of exterior grilles/louvers for the building			X		
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	Roof has minor leaks. One specific leak at side entrance due to suspected improper seal. Easily patched.		x		
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.					
	Type 1:	Fully Adhered TPO Membrane		x		
	Type 2:			x		
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good conditions		x		
	Type 1:	CMU/Brick		x		
	Type 2:	Gypsum Metal Stud Partitions		x		
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building			X		
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	None				
	Describe the general condition and type of interior doors in the building			x		
	Type 1:	Holow metal		x		
	Type 2:	Wood		x		
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU/Brick		x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile			x	
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Hallway and classroom VCT showing cracks, sometimes allows ants in. Classroom vct seems to crack along column grid due to settlement				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels Gypsum Board			X	
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.					
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building					
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

**Good*	System or components working well and not nearing end of life.
**Fair*	System or components workign but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: HSC
Address: 175 Water Street, New Haven CT
Year Built:
Form Filled out by: Jeff McGrath
Date of Survey if performed: 10/12/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	Tridium good condition		X				x		
	Is operator using trends to determine operational performance of any items. If so provide example trend.									
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.									
	Is the BMS system controlled remotely or is there a dedicated operating station?	remotely								
	Describe any system maintenance challenge(s).	No BMS control on site.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	Multiple RTUs 30 total								
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Independent								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A							
	What is the age of the cooling system? Describe the general condition of the components.	26 yearsv all original								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.			X					X	
	Are the terminal units individually controlled?									
	Do the terminal units operate on a schedule? If yes, please describe.									
	Is there any additional cooling equipment (electrical) used in the building.									
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).									

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.			X					X	
	Describe any controls associated with the system. Is the heating plant operated automatically?									
	Does the heating plant provide sufficient heating capacity for peak heating demand?									
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?									
	What is the age of the heating plant? Describe the general condition of the components.			X					X	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.									
	Describe any controls associated with the downstream equipment.									
	Is there any secondary heating units (electrical heating) used in the building?									
	Describe any system maintenance challenge(s).									
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	3 Make up air units								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.	Independently		X					X	
	If the units operator on controls, are those controls from a BMS system or operated locally.									
	Has the system undergone air balancing? If so, when?									
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).									
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	7 exhaust fans		X						X
	Are filters changed .	???								
	Describe any system maintenance challenge(s).	normal challenges to work on roof								
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	Gas			X		x			
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.								
	Does the current DHW system provide sufficient load at peak demand.	Handles load								
	Describe any system maintenance challenge(s).									

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.										
	Describe the condition and location of electrical panels throughout the building?				X					X	
	Does the building have a UPS systems? If so how many and what size?				X						
	Describe any issues associated with electrical equipment, if any.										
	Does the building have communication / server rooms? Describe equipment within these rooms.										
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.										
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.				X						
	Are emergency lighting operated off the emergency generator or battery backup?										
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	N/A	N/A								
	Describe any system maintenance challenge(s).										
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	.		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).										
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.										
	Describe general trouble / alarm monitored points by the Fire Alarm panel.	None									
	Is there a Central Station Monitoring system set up? If so who is the point of contact?	N/A									
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.										
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?										
	Describe any system maintenance challenge(s).										

**New*	Installed or replaced in less than 3 years
**Good*	System or components working well and not nearing end of life.
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: James Hillhouse High School
Address: 480 Sherman Parkway, New Haven, CT 06515
Year Built: Original
Form Filled out by:
Date of Survey if perfomed: 10/14/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

Building overall condition is poor due to years of neglect

System Condition *

System	Question:	Comments:	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is good			x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	General condition of slab on grade is good			x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Signs of minor settlement causing cracking in floor VCT				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked	None				
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.	Generally in good condition.		x		
	Type 1:					
	Type 2:					
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.					
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.			X		
	Type 1:					
	Type 2:					
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Window blinds all generally require repair or replacement				
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Exterior doors in Fair to poor condition		x		
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	Metal		x		
	Describe the general condition of exterior grilles/louvers for the building	N/A				
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	Roof has leaks.		x		
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.					
	Type 1:	Membrane with ballast		x		
	Type 2:			x		
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.	any solar applications will need replacement anchors				
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good conditions		x		
	Type 1:	CMU/Brick		x		
	Type 2:	Gypsum Metal Stud Partitions		x		
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building			X		
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	None				
	Describe the general condition and type of interior doors in the building	Abused			X	
	Type 1:	Holow metal			X	
	Type 2:	Wood			X	
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU/Brick		x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile			x	
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Hallway and classroom VCT showing cracks. Classroom vct seems to crack along column grid due to settlement				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels Gypsum Board			x	
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.					
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building					
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

**Good*	System or components working well and not nearing end of life.
**Fair*	System or components workign but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: James Hillhouse High School
Address: 480 Sherman Parkway, New Haven CT
Year Built:
Form Filled out by: Jeff McGrath
Date of Survey if performed: 10/14/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	Tridium		X						
	Is operator using trends to determine operational performance of any items. If so provide example trend.									
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.									
	Is the BMS system controlled remotely or is there a dedicated operating station?									
	Describe any system maintenance challenge(s).	No BMS control on site.								
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	Chillers (2) water cooled				X	X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	Chill water RTU (4)								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A							
	What is the age of the cooling system? Describe the general condition of the components.	19								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.			X					X	
	Are the terminal units individually controlled?									
	Do the terminal units operate on a schedule? If yes, please describe.									
	Is there any additional cooling equipment (electrical) used in the building.	Chill water pumps								
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).									

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	RTU HWC		X					X	
	Describe any controls associated with the system. Is the heating plant operated automatically?									
	Does the heating plant provide sufficient heating capacity for peak heating demand?									
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?									
	What is the age of the heating plant? Describe the general condition of the components.			X					X	
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.									
	Describe any controls associated with the downstream equipment.	hot water pumps (4)								
	Is there any secondary heating units (electrical heating) used in the building?									
		additional (2) Makeup air with heat								
	Describe any system maintenance challenge(s).									
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?									
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.				X				X	
	If the units operator on controls, are those controls from a BMS system or operated locally.									
	Has the system undergone air balancing? If so, when?	N/A								
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).									
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.			X						X
	Are filters changed .	???								
	Describe any system maintenance challenge(s).									
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	(2) Evos gas fired		X						
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.								
	Does the current DHW system provide sufficient load at peak demand.									
		(2) circ pumps, (1) recirc pump								
	Describe any system maintenance challenge(s).									

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.										
	Describe the condition and location of electrical panels throughout the building?									X	
	Does the building have a UPS systems? If so how many and what size?										
	Describe any issues associated with electrical equipment, if any.										
	Does the building have communication / server rooms? Describe equipment within these rooms.										
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.	yes, life safety									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.					X	X				
	Are emergency lighting operated off the emergency generator or battery backup?										
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	N/A	N/A								
	Describe any system maintenance challenge(s).										
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	.		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).										
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.										
	Describe general trouble / alarm monitored points by the Fire Alarm panel.										
	Is there a Central Station Monitoring system set up? If so who is the point of contact?										
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.										
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?										
	Describe any system maintenance challenge(s).										

**New*	Installed or replaced in less than 3 years
**Good*	System or components working well and not nearing end of life.
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: Cross Wilbur High School
Address: 181 Mitchell Drive, New Haven, CT 06515
Year Built: Original
Form Filled out by: Jeff McGrath
Date of Survey perfomed: 10/20/2022

Age / Years 18-Jan-00
Issue *For review*

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

System Condition *

System	Question:	Comments:	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is Fair			x	
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	General condition of slab on grade is good		x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Signs of minor settlement causing cracking in floor VCT				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked					
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.	Generally in good condition.		x		
	Type 1:					
	Type 2:					
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.					
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.			x		
	Type 1:					
	Type 2:					
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Window blinds all generally require repair or replacement			x	
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Metal Exterior doors in good condition			x	
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.					
	Describe the general condition of exterior grilles/louvers for the building					
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	Roof has minor leaks, expected leaks. One specific leak at stage end of gymnasium due to suspected improper seal on roof at point of penetration for solar panels by maintenance staff. Easily patched.		x		
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.					
	Type 1:	Membrane		x		
	Type 2:					
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good/fair conditions			x	
	Type 1:	CMU/Brick			X	
	Type 2:	Gypsum Metal Stud Partitions			X	
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building			X		
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	None				
	Describe the general condition and type of interior doors in the building				X	
	Type 1:	metal			X	
	Type 2:	Wood			X	
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU/Brick		x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile			x	
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Hallway and classroom VCT showing cracks, sometimes allows ants in. Classroom vct seems to crack along column grid due to settlement				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels Gypsum Board			X	
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.					
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building					
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

*Good System or components working well and not nearing end of life.
*Fair System or components workign but increasingly require maintenance and are nearing end of useful life
*Poor System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Cross Wilbur High School
Address: 181 Mitchell Drive , New Haven CT
Year Built:
Form Filled out by: Jeff McGrath
Date of Survey performed: 10/20/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	Tridium		X						
	Is operator using trends to determine operational performance of any items. If so provide example trend.									
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.									
	Is the BMS system controlled remotely or is there a dedicated operating station?									
	Describe any system maintenance challenge(s).									
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	Chiller water cooled with tower		X			X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?	chilled water pumps (2)								
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A							
	What is the age of the cooling system? Describe the general condition of the components.									
	What equipment does the CHW plant serve? Provide system condition assessment on the right.			X					X	
	Are the terminal units individually controlled?									
	Do the terminal units operate on a schedule? If yes, please describe.									
	Is there any additional cooling equipment (electrical) used in the building.	RTU with coils, AHU with coils								
	Is any thermal storage system used? If so Provide system condition assessment on the right.		N/A							
	Describe any system maintenance challenge(s).									

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	Gas fired boilers (2) Note: 1 down			x						
	Describe any controls associated with the system. Is the heating plant operated automatically?										
	Does the heating plant provide sufficient heating capacity for peak heating demand?										
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?										
	What is the age of the heating plant? Describe the general condition of the components.	15 years									
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.	Gas Fired RTU, FCU with reheat									
	Describe any controls associated with the downstream equipment.										
	Is there any secondary heating units (electrical heating) used in the building?	Co-gen located there also									
	Describe any system maintenance challenge(s).										
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?										
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.				x					x	
	If the units operator on controls, are those controls from a BMS system or operated locally.										
	Has the system undergone air balancing? If so, when?										
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).										
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.			x							x
	Are filters changed .										
	Describe any system maintenance challenge(s).										
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	(2) EVOs Gas fired with (2) Circ pumps		x							
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building.									
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.									
	Does the current DHW system provide sufficient load at peak demand.	Yes									
	Describe any system maintenance challenge(s).										

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.										
	Describe the condition and location of electrical panels throughout the building?			X							
	Does the building have a UPS systems? If so how many and what size?			X							
	Describe any issues associated with electrical equipment, if any.										
	Does the building have communication / server rooms? Describe equipment within these rooms.										
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.					X	X				
	Are emergency lighting operated off the emergency generator or battery backup?										
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	N/A	N/A								
	Describe any system maintenance challenge(s).										
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	.		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).										
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.										
	Describe general trouble / alarm monitored points by the Fire Alarm panel.										
	Is there a Central Station Monitoring system set up? If so who is the point of contact?										
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.										
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?										
	Describe any system maintenance challenge(s).										

**New*	Installed or replaced in less than 3 years
**Good*	System or components working well and not nearing end of life.
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

Architectural Condition Survey - New Haven Schools

School or Building Name: Hill Regional Career High School
Address: 140 Legion Ave., New Haven, CT 06515
Year Built: Original
Form Filled out by: Jeff McGrath
Date of Survey perfomed: 10/21/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Buiidng Condition Overview (list any general items in the summary section below):

System Condition *

System	Question:	Comments:	New	Good	Fair	Poor
A SUBSTRUCTURE						
A1010 FOUNDATIONS	Describe general condition of building foundations.	General condition of foundations is good		x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.					
A4010 SLABS ON GRADE	Describe general condition of slabs on grade.	General condition of slab on grade is good		x		
	Are there areas of noticeable settlement, or cracking? If so, please identify the location and describe the degree of deterioration.	Signs of minor settlement causing cracking in floor VCT				
A6010 BUILDING SUB-DRAINAGE	Identify any areas of sub-building drainage lines that may be under-performing, or blocked	N/A				
B SHELL						
B2010 EXTERIOR WALLS	List the varying types of exterior wall materials and the general condition of each exterior wall type.	Generally in good condition.		x		
	Type 1:					
	Type 2:					
	Type 3:					
	Identify the location of exterior walls in need of repair, or replacement and describe the nature of needed correction.					
B2020 EXTERIOR WINDOWS	List the varying types of exterior windows and the general condition of each exterior window type.			X		
	Type 1:					
	Type 2:					
	Type 3:					
	Identify the location of exterior windows in need of repair, or replacement and describe the nature of needed correction.	Window blinds generally require some repair or replacement			x	
B2050 EXTERIOR DOORS AND GRILLES	Describe the general condition of exterior doors for the building	Exterior doors in good condition		x		
	Identify the location, material type and size (e.g. 3' x 7' hollow metal) of exterior doors in need of repair, or replacement and describe the nature of needed correction.	Metal		x		
				X		
	Describe the general condition of exterior grilles/louvers for the building					
	Identify the location, material type and approximate size (e.g. 4' x 4' aluminum) of grilles/ louvers in need of repair, or replacement and describe the nature of needed correction.					

B3010 ROOFING	Describe the general condition and age of roofing the building	Roof has some leaks.			x	
	Identify the roofing type and age for the varying portions of the building and the general condition of each roof type.					
	Type 1:	Membrane				
	Type 2:	Some Sheet Metal Roof				
	Type 3:					
	Identify the location, roofing type and approximate area in need of repair, or replacement and describe the nature of needed correction.					
C INTERIORS						
C1010 INTERIOR PARTITIONS	Describe the general condition and type of interior partitions in the building	Generally in good conditions		x		
	Type 1:	CMU/Brick		x		
	Type 2:	Gypsum Metal Stud Partitions		x		
	Type 3:					
	Identify spcific areas within the building where interior partitions need repair, or replacement and describe the nature of needed correction.					
C1020 INTERIOR WINDOWS + C1030 INTERIOR DOORS	Describe the general condition and type of interior windows in the building					
	Type 1:					
	Type 2:					
	Identify spcific areas within the building where interior windows need repair, or replacement and describe the nature of needed correction.	None				
	Describe the general condition and type of interior doors in the building			x		
	Type 1:	metal		x		
	Type 2:	Wood		x		
	Identify spcific areas within the building where interior doors need repair, or replacement and describe the nature of needed correction.					
C2010 WALL FINISHES	Describe the general condition and type of wall finishes	Ceramic Tile, Gypsum, CMU/Brick		x		
	Identify spcific areas within the building where wall finishes need repair, or replacement and describe the nature of needed correction.					
C2030 FLOORING	Describe the general condition and type(s) of flooring in the building	VCT, Tile			x	
	Identify spcific areas within the building where flooring needs repair, or replacement and describe the nature of needed correction.	Hallway and classroom VCT showing cracks, sometimes allows ants in. Classroom vct seems to crack along column grid due to settlement				
C2050 CEILING FINISHES	Describe the general condition and type(s) of ceiling finishes in the building	Acoustical Ceiling Panels Gypsum Board		x		
	Identify spcific areas within the building where ceiling finishes need repair, or replacement and describe the nature of needed correction.					
D SERVICES						
D1010 VERTICAL CONVEYING SYSTEMS	Identify the quantity, type and number of stops for each elevator(s) or lifts, within the building					
	Describe the general condition of each elevator, or lift					
	Identify spcific components of each elevator, or lift that need repair, or replacement and describe the nature of needed correction.					

*Good System or components working well and not nearing end of life.
*Fair System or components workign but increasingly require maintenance and are nearing end of useful life
*Poor System is problematic, causes disruption to occupants and operators and is at the end of useful life

MEP Condition Survey - New Haven Schools

School or Building Name: Hill Regional Career High School
Address: 140 Legion Ave., New Haven CT
Year Built:
Form Filled out by: Jeff McGrath
Date of Survey performed: 10/21/2022

Revision Date Issue
For review

For the Major System types below provide description in the "comments Column" and in the system conditions column provide a check or an X to indicate the general condition of that system.
Any background general information can be provided in this overview section below

Building Condition Overview (list any general items in the summary section below):

			System Condition *				Priority of Need **			
System	**Question:**	**Comments:**	New	Good	Fair	Poor	P1	P2	P3	P4
BMS	Please describe overall BMS system condition with respect to sensors, BMS interface, year installed, last calibration of sensors etc.	Tridium		X						
	Is operator using trends to determine operational performance of any items. If so provide example trend.									
	Are all systems controlled through the BMS operated automatically? If not please describe which systems are in override and why.									
	Is the BMS system controlled remotely or is there a dedicated operating station?									
	Describe any system maintenance challenge(s).									
Cooling	Describe the cooling plant. What is the quantity of the cooling towers/ chillers / CHW pumps?	RTU (10) Total				X	X			
	Describe any controls associated with the system. Is the Cooling plant operated automatically?									
	What setpoints is the cooling tower operating under? Provide system condition assessment on the right.	N/A	N/A							
	What is the age of the cooling system? Describe the general condition of the components.	23 years								
	What equipment does the CHW plant serve? Provide system condition assessment on the right.			X					X	
	Are the terminal units individually controlled?									
	Do the terminal units operate on a schedule? If yes, please describe.									
	Is there any additional cooling equipment (electrical) used in the building.									
	Is any thermal storage system used? If so Provide system condition assessment on the right.	N/A	N/A							
	Describe any system maintenance challenge(s).									

Heating	Describe the heating plant. What is the quantity of boilers, hot water pumps, etc. Provide system condition assessment on the right.	(2) Gas Boilers			X					
	Describe any controls associated with the system. Is the heating plant operated automatically?									
	Does the heating plant provide sufficient heating capacity for peak heating demand?									
	What setpoints are associated with the controls of the system (i.e. heating hot water supply and return temps)?									
	What is the age of the heating plant? Describe the general condition of the components.	23 Years								
	What downstream equipment is used to heat individual spaces? Provide system condition assessment on the right.									
	Describe any controls associated with the downstream equipment.									
	Is there any secondary heating units (electrical heating) used in the building?	FCU with reheat, VAV boxes with reheat								
	Describe any system maintenance challenge(s).									
Airside Equipment	Describe any major ventilation units used in the building. What spaces do these units serve?	(1) Science Lab Vent hood								
	Describe any controls associated with the Roof Top Units. Are the controls working properly? Provide system condition assessment on the right.				X				X	
	If the units operator on controls, are those controls from a BMS system or operated locally.									
	Has the system undergone air balancing? If so, when?									
	Are any energy saving techniques incorporated into the system (ex. Demand Control Ventilation, Bi Polar Ionization air treatment, economizer modes, etc.....).									
	What spaces do exhaust fans serve, if any? Describe controls on this equipment. Indicate condition of equipment.	(5) exhaust for bathrooms and kitchen hood		X						X
	Are filters changed .									
	Describe any system maintenance challenge(s).									
DHW	Describe the Domestic Hot Water System. Is the System Gas or Electric. Provide system condition assessment on the right.	PVI, Gas Fired stand alone			X		x			
	Describe the uses for the Domestic Hot Water System in the building.	Domestic Water is used for restrooms and kitchens in the building.								
	What controls / setpoints are used to maintain domestic hot water.	Domestic Water Heater operates based on building load.								
	Does the current DHW system provide sufficient load at peak demand.	Yes								
	Describe any system maintenance challenge(s).									

Electrical	Note the number of electrical meters are associated with the building. If available, please provide meter numbers and purpose.										
	Describe the condition and location of electrical panels throughout the building?				X					X	
	Does the building have a UPS systems? If so how many and what size?				X						
	Describe any issues associated with electrical equipment, if any.										
	Does the building have communication / server rooms? Describe equipment within these rooms.										
	Does the building have an Emergency Generator? If so what size 9kW) is the generator. Provide system condition assessment on the right.	N/A	N/A								
	If the building has an Emergency Generator, what equipment does it serve.	N/A									
	Describe general lighting fixture types and any controls associated with the lighting system. Provide system condition assessment on the right.					X	X				
	Are emergency lighting operated off the emergency generator or battery backup?										
	Does the building feature any solar energy generation systems? If yes, please indicate what type of system and general condition.	N/A	N/A								
	Describe any system maintenance challenge(s).										
FA/FP	Describe the fire protection system. Is the system a wet or dry system. Provide system condition assessment on the right.	.		X							X
	Describe components of the Fire Protection system (smoke detectors, heat detectors, duct detectors etc….).										
	Have water flow/tamper switches been tested? If so when was the last time they were inspected.										
	Describe general trouble / alarm monitored points by the Fire Alarm panel.										
	Is there a Central Station Monitoring system set up? If so who is the point of contact?										
	Describe the mechanical zoning of the Fire alarm system. Do all units shut down upon a fire alarm activation.										
	Are there any access control devices within the facility? Do these devices release upon a fire alarm activation?										
	Describe any system maintenance challenge(s).										

**New*	Installed or replaced in less than 3 years
**Good*	System or components working well and not nearing end of life.
**Fair*	System or components working but increasingly require maintenance and are nearing end of useful life
**Poor*	System is problematic, causes disruption to occupants and operators and is at the end of useful life

Appendix F

Site Condition Surveys

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Lincoln Bassett Community School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Lincoln Bassett Community School, New Haven, Connecticut on approximately 3.9 acres. The property is generally flat and the landscaping consists of trees and shrubs.

There are three parking lots to the south and north of the school. The paved areas are in poor to fair condition with evidence of cracking and pavement section deterioration. Sidewalk surfaces are in poor to good condition with sections of damage. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playgrounds, flanking the southern parking lots and around the play field. That fencing finish is in poor condition. The poured in place rubber surface of the northeast playground is in poor condition. The playfield lawn is fair condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Lincoln Bassett Community School
Discipline: Site
Assessor Name: Jason Morehouse

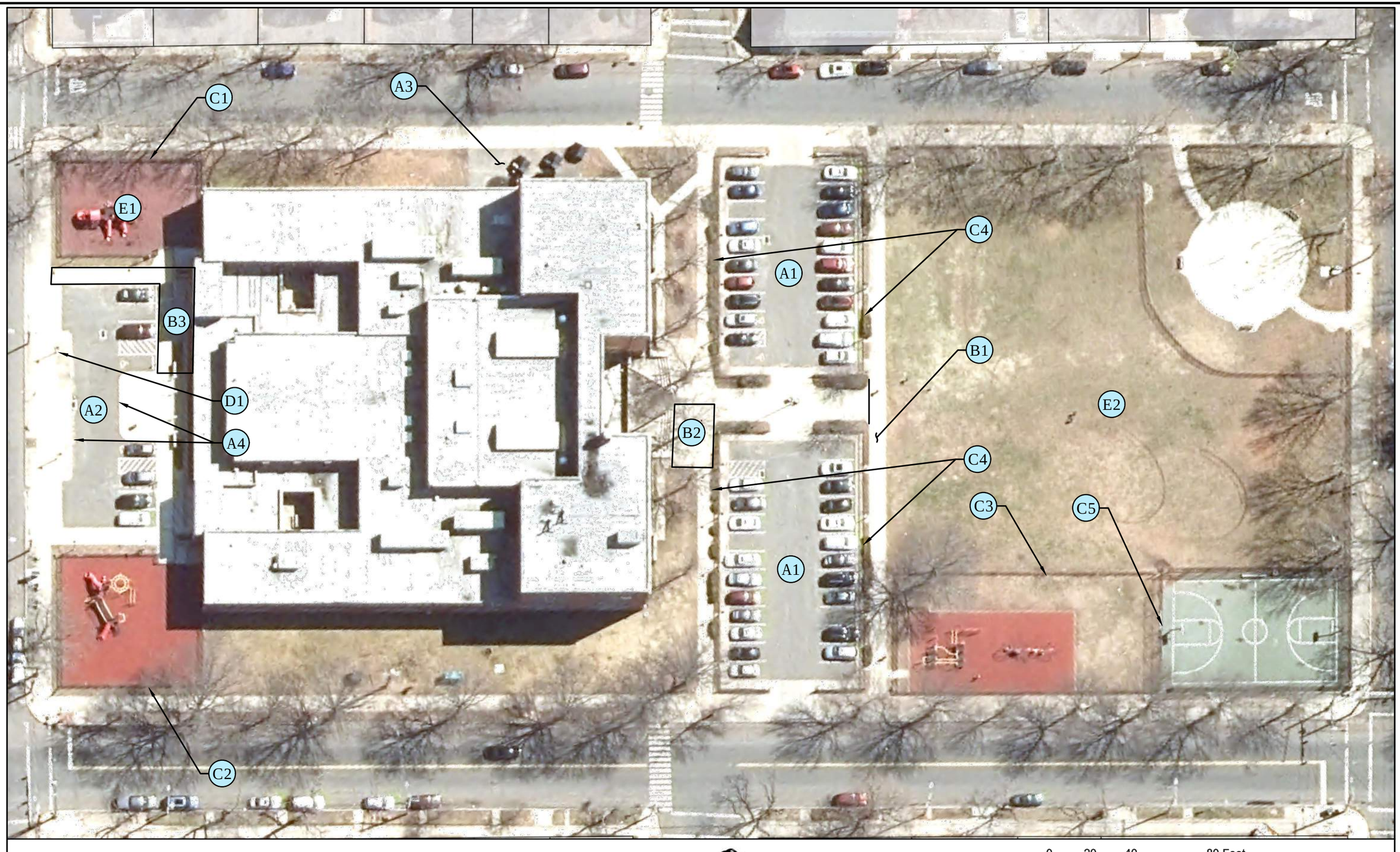
Date Assessed: 25-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	South Side of School	Staff Parking
2	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	North Side of School	
3	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	East Side of School	Maintenance Area
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	
B.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	South Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	South Side of School	Tree Heaving Sidewalk
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	North Side of School	
C.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence (4' High) Finish Deterioration by Prep and Refinish.	2	Damage/ Wear	Northeast Corner of School	At Playground
2	Correct Aluminium Fence (4' High) Finish Deterioration by Prep and Refinish.	2	Damage/ Wear	Northwest Corner of School	At Playground
3	Correct Aluminium Fence (4' High) Finish Deterioration by Prep and Refinish.	2	Damage/ Wear	Southwest Corner of Site	At Playground
4	Correct Aluminium Fence (4' High) Finish Deterioration by Prep and Refinish.	2	Damage/ Wear	North and South Side of Staff Parking Lot	
5	Correct Chain Link Fence & Gates (12' High) Deterioration by Demolition & Replacement	2	Damage/ Wear	Southwest Corner of Site	
D.	**G4050- Site Lighting**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Pole Mounted Site Lighting Deterioriation by Demolition and Replacement	2	Damage/ Wear	North Side of School	(1) Broken Pole Light
E.	**G2050.50- Playfield Areas**				
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	Northeast Corner of School	Poured in Place Rubber
2	Correct Deteriorated Lawn Surface by Restoration, Reseeding & Mulching	3	Damage/ Wear	South Side of Site	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016~DEL\CAD\SCHOOL KEY PLANS.DWG Layout: Tab1 LINCOLN BASSETT COMMUNITY SCHOOL
Plotted by: JMOREHOUSE On this date: Tue, 2022 May 10 - 1:00pm



Lincoln-Bassett Community School

SLR

0 20 40 80 Feet
1 inch equals 40 feet

N

SITE NARRATIVE & CONDITION RATING

BUILDING NAME: ***Barrack Obama Magnet University School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Barrack Obama Magnet University School, New Haven, Connecticut on approximately 2.85 acres. The property is slightly west to east and the landscaping consists of trees and shrubs.

The school is brand new and in excellent condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	New
Site Amenities	New

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Dr. Reginald Mayo School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Dr. Reginald Mayo School, New Haven, Connecticut on approximately 4.5 acres. The property is relatively flat and the landscaping consists of trees and shrubs.

There is 1 parking lot to the east of the school and a bus drop off at the west side of the school. The paved areas are in good condition with minimal evidence of cracking and pavement section deterioration. The paved drive isles are in good condition. Sidewalk surfaces are in good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground to the north of the school and is in good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Dr. Reginald Mayo Childhood School

Discipline: Site

Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21

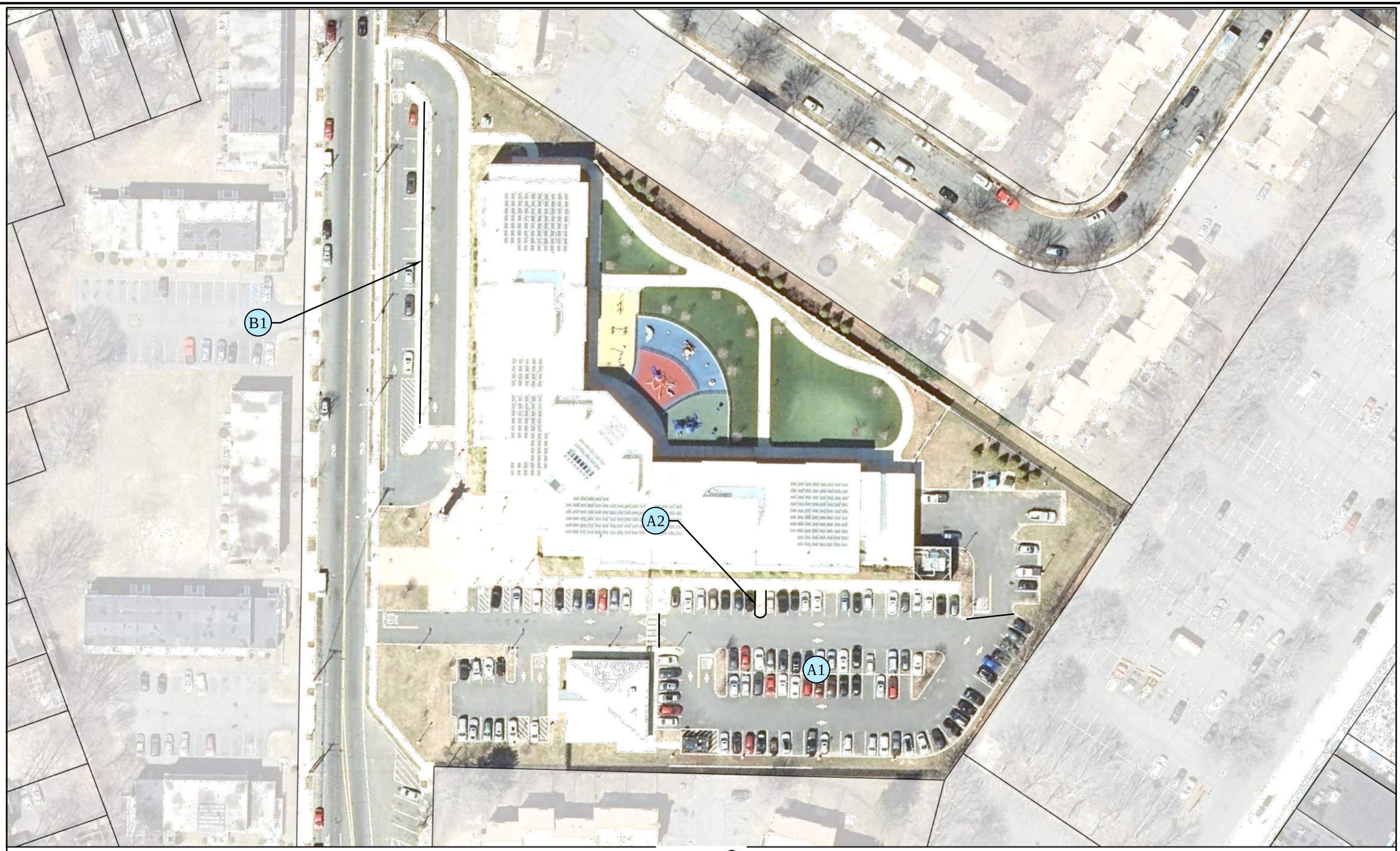
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	4	Useful Life	East Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	
B.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence (6' High) Finish Deterioration by Prep and Refinish	2	Damage/ Wear	South of Drive Circle	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout Tab:REGINALD MAYO EARLY LEARNING

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:21pm



Dr. Reginald Mayo Early Learning Childhood School

SLR

0 25 50 100 Feet

1 inch equals 60 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Quinnipiac Stem Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Quinnipiac Stem Magnet School, New Haven, Connecticut. The slopes from south to north and the landscaping consists of trees and shrubs.

There are two parking lots to the south and north of the school, with a bus drop off circle to the south. The paved areas are in good condition with minimal evidence of cracking and pavement section deterioration. The paved drive isles are in good condition. Sidewalk surfaces are in poor condition. There are several sets of stairs and ramps in poor condition on site. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and is in good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Quinnipiac Stem Magnet School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	South Side of School	Main Entrance
2	Correct Bituminous Concrete Sidewalk Deterioration by Demo & Replacement	1	Damage/ Wear	North and Northwest Side of School	
3	Correct Bituminous Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	South Side of School	
4	Correct Bituminous Concrete Sidewalk by Install New	2	Damage/ Wear	East Side of School	
B.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	1	Damage/ Wear	Northwest Side of School	22 Risers. Landings Inbetween Too
2	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	4 Risers
3	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	South Corner of School	6 Risers
4	Correct Handrail Deterioration by Demolition & Replacement	1	Damage/ Wear	Northwest Side of School	
5	Correct Handrail Deterioration by Demolition & Replacement	2	Damage/ Wear	South Corner of School	
C.	**G2060.60- Retaining Walls**				
1	Correct Concrete Retaining Wall Deterioration by Demolition and Replacement	2	Damage/ Wear	South Side of School	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			PRIORITY	TIMELINE	EXPLANATION
			1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
			2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016-DE\CAD\SCHOOL KEY PLANS.DWG Layout: Tab\QUINNIPIAC STEM MAGNET

QUINNIPIAC STEM MAGNET SCHOOL

SLR

0 25 50 100 Feet
1 inch equals 60 feet

N

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 - 4:03pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***West Rock Stream Academy***

Site Systems & Amenities

Property-Wide Narrative

The property is located at West Rock Stream Academy, New Haven, Connecticut on approximately 4.4 acres. The property slopes moderately from east to west and the landscaping consists of trees and shrubs.

There is one parking lot to the northeast of the school and a bus drop off to the west. The paved areas are in poor condition with evidence of heavy cracking and pavement section deterioration. The paved drive isle is in fair condition. Sidewalk surfaces are in poor to good condition. There are several stair sets around the site that are in poor condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and lawn area to the rear of the school. The fencing is in poor to good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Poor
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: West Rock Stream Academy
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	West Side of Site	Entry Drive
2	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of Site	Entry Drive
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	East Side of School	
2	Correct Parking Lot Curb Required by Install New	2	Damage/ Wear	East Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Walk Leading from Road to Main Entrance	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northwest Corner of School	
D.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	Northwest Side of School	2 Risers
2	Correct Stone Masonry Above Grade Stair Deterioration by Demolition & Replacement with Alternate Material (Concrete)	2	Damage/ Wear	South Side of School	17 Risers
3	Correct Stone Masonry Above Grade Stair Deterioration by Demolition & Replacement with Alternate Material (Concrete)	2	Damage/ Wear	South Side of School	16 Risers
4	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	Southwest Side of Site	7 Risers
E.	**G2060.60- Retaining Walls**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Stone Retaining Wall Deterioration by Demolition and Replacement	2	Damage/ Wear	North Corner of Site	Modular Block
F.	**G2060.20- Fences and Gates**				
1	Correct Chain Link Fence (4' High) Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	
G.	**G4050- Site Lighting**				
1	Correct Pole Mounted Site Lighting by Install New	2	Security	Northeast Corner of Site	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONJM\APPDATA\LOCAL\TEMP\ACPUBLISH_14992\SCHOOL KEY PLANS.DWG Layout Tab:WEST ROCK

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 - 4:40pm

West Rock STREAM Academy

SLR

0 20 40 80 Feet
1 inch equals 50 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Clinton Avenue School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Clinton Avenue School, New Haven, Connecticut on approximately 5 acres. The property is relatively flat and the landscaping consists of trees and shrubs.

There are 2 parking lots on site, one to the east of the school and the other to north. A bus drop off to the west of the school. The paved areas are in fair condition with evidence of cracking and pavement section deterioration. The paved drive isles are in fair condition. Sidewalk surfaces are in poor to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and at the courtyard to the south of the school. That fencing is in good condition with a few gates that need to be replaced. There are two basketball courts and one handball court on site. They are in good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Clinton Avenue School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 25-Aug-21
Date Submitted: 18-May-22

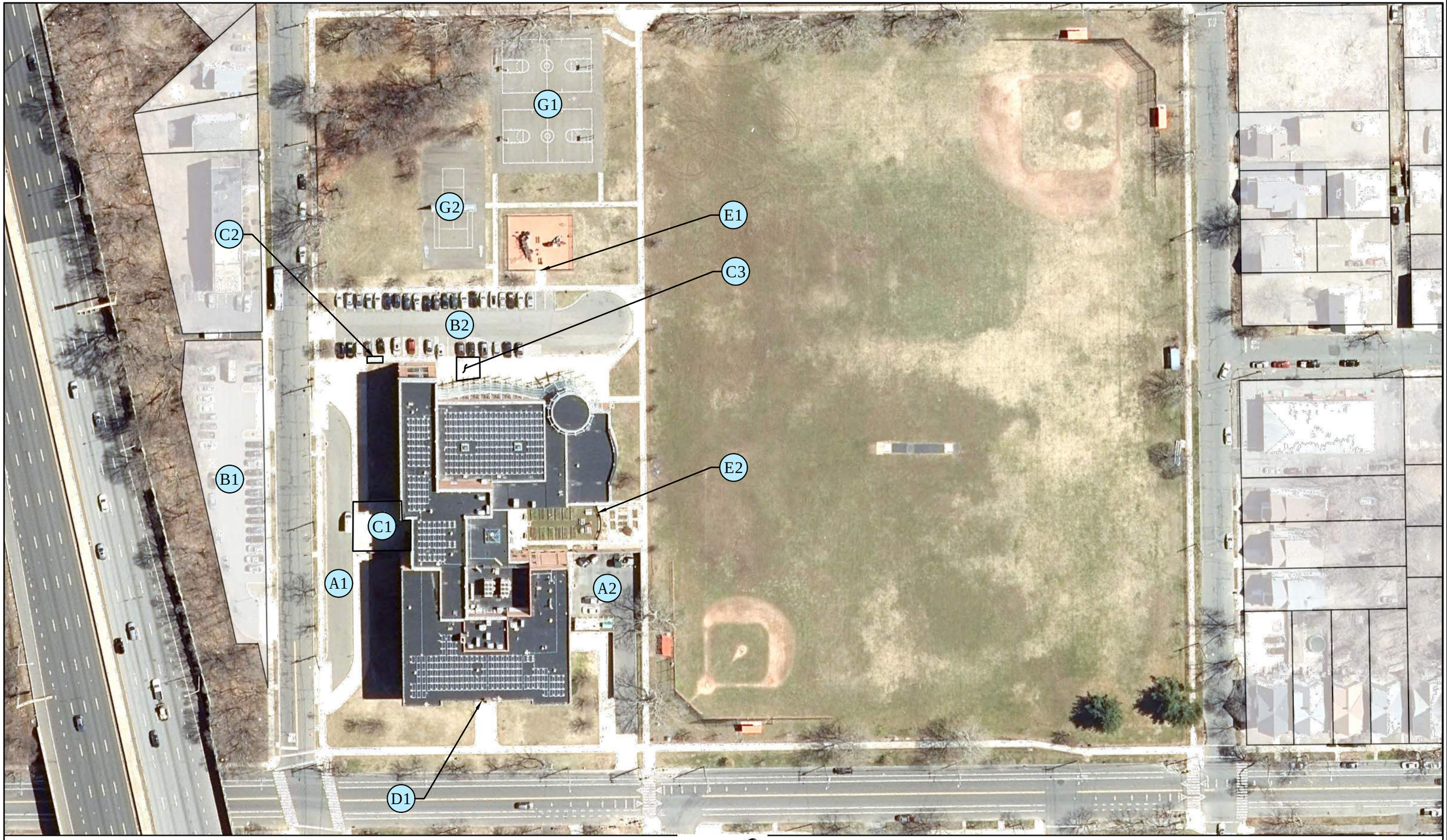
ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	North Side of School	Bus Drop-Off
2	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	South Side of School	Loading Dock/ Maintenance Area
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	North Side of School	Snow Parking
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	East Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	North Side of School	Main Entrance
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northeast Corner of School	
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	East Side of School	
D.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Handrail Deterioration by Demolition & Replacement	1	Damage/ Wear	West Side of School	Loose Handrail
E.	**G2060.20- Fences and Gates**				
1	Chain Link Gate (4' High) Deterioration by Demolition & Replacement	1	Damage/ Wear	East Side of School	Playground Gate Missing
2	Correct Aluminium Fence Gate (4' High) Deterioration by Demolition and Replacement.	2	Damage/ Wear	South Side of School	
G.	**G2050.50- Playfield Areas**				
1	Correct Basketball Court Finish Deterioration by Prep, Resurface and Restripe	4	Useful Life	East Side of School	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
2	Correct Handball Court Finish Deterioration by Prep and Resurface	4	Useful Life	East Side of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:CLINTON AVE SCHOOL

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:53pm



Clinton Ave School

SLR

0 37.5 75 150 Feet

1 inch equals 80 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Christopher Columbus Family Academy***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Christopher Columbus Family Academy, New Haven, Connecticut on approximately 3.4 acres. The property IS relatively flat and the landscaping consists of trees and shrubs.

There are 2 parking lots to the north of the school and a bus drop off to the west of the school, with a smaller drop off area to the east of the school. The paved areas are in poor condition with evidence of cracking and pavement section deterioration. The paved drive isles are in fair to good condition. Sidewalk surfaces are in good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and the main lawn area to the north of the school. That fencing is in poor to good condition. The poured in placer surfacing for the playground is in poor condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Christopher Columbus Family Academy
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 25-Aug-21
Date Submitted: 18-May-22

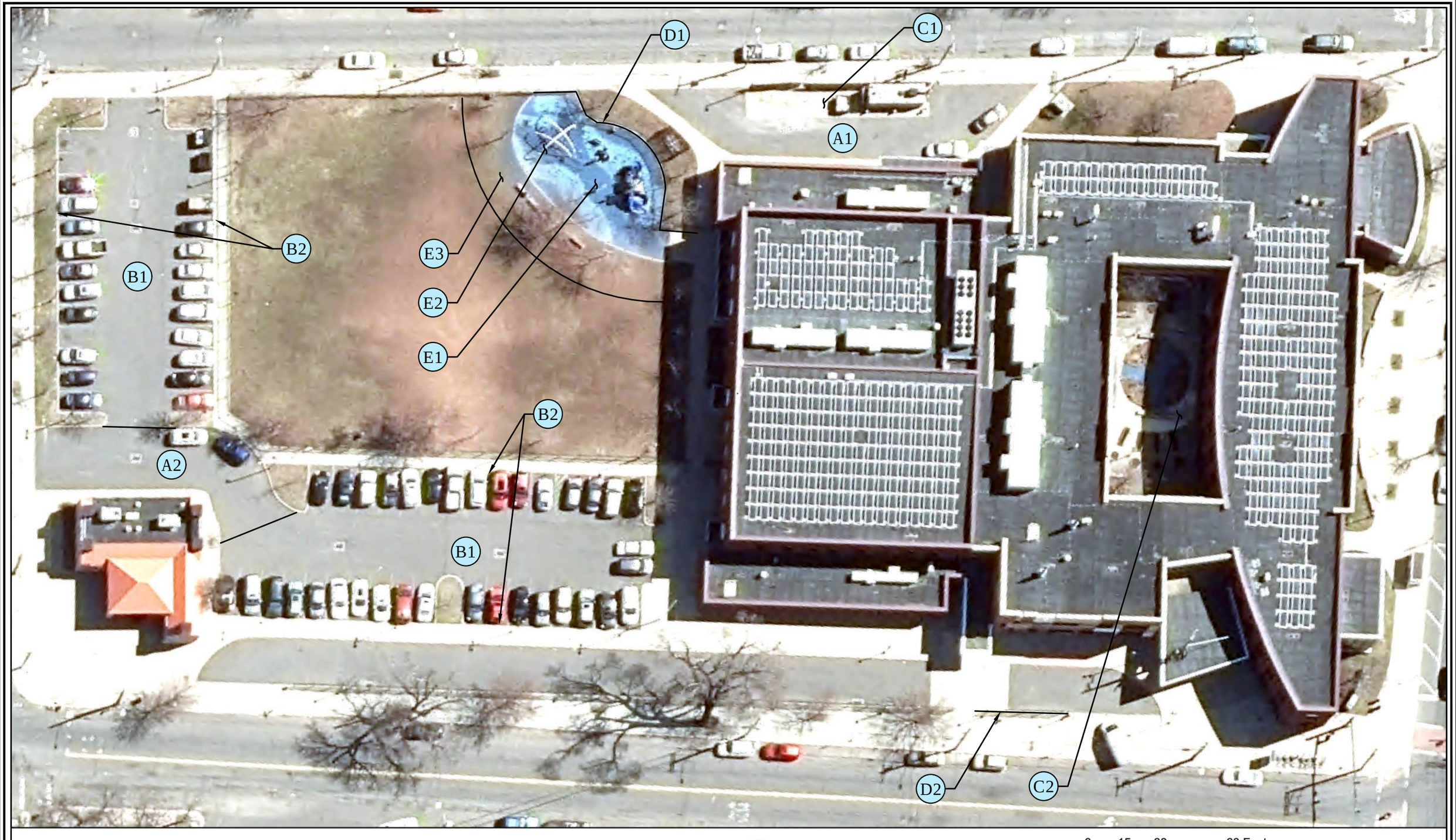
ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	East Side of School	Bus Drop Off
2	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	North Side of School	Parking Lot Access
3	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	Bus Drop Off
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	North Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	East Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	Courtyard	
D.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence (6' High) Finish Deterioration by Prep and Refinish.	3	Damage/ Wear	Northeast Corner of School	
2	Correct Aluminium Fence (6' High) Deterioration by Demolition and Replacement	2	Damage/ Wear	West Side of School	Broken Fence Section
E.	**G2050.50- Playfield Areas**				
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	Northeast Corner of School	Poured in Place Rubber
2	Correct Playground Equipment Deterioration by Demolition and Replacement (Per Piece of Equip.)	2	Damage/ Wear	Northeast Corner of School	Climber Cables are Heavily Rusted

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
3	Correct Deteriorated Lawn Surface by Restoration, Reseeding & Mulching	2	Damage/ Wear	Northeast Corner of School	Lawn Under Trees Surrounding the Playground

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:CHRISTOPHER COLUMBUS FAMILY ACADEMY

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:52pm



Christopher Columbus Family Academy

SLR

0 15 30 60 Feet
1 inch equals 35 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Fair Haven School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Fair Haven School, New Haven, Connecticut on approximately 4.1 acres. The property is relatively flat and the landscaping consists of trees and shrubs.

There are 2 parking lots on the west side of the school and a bus drop off to the south of the school. The paved areas are in fair to good condition with minimal evidence of cracking and pavement section deterioration. The paved drive isle is in good condition. Sidewalk surfaces are in poor to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and lawn area to the east of the school. That fencing is in good condition with some gates needing replacement. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

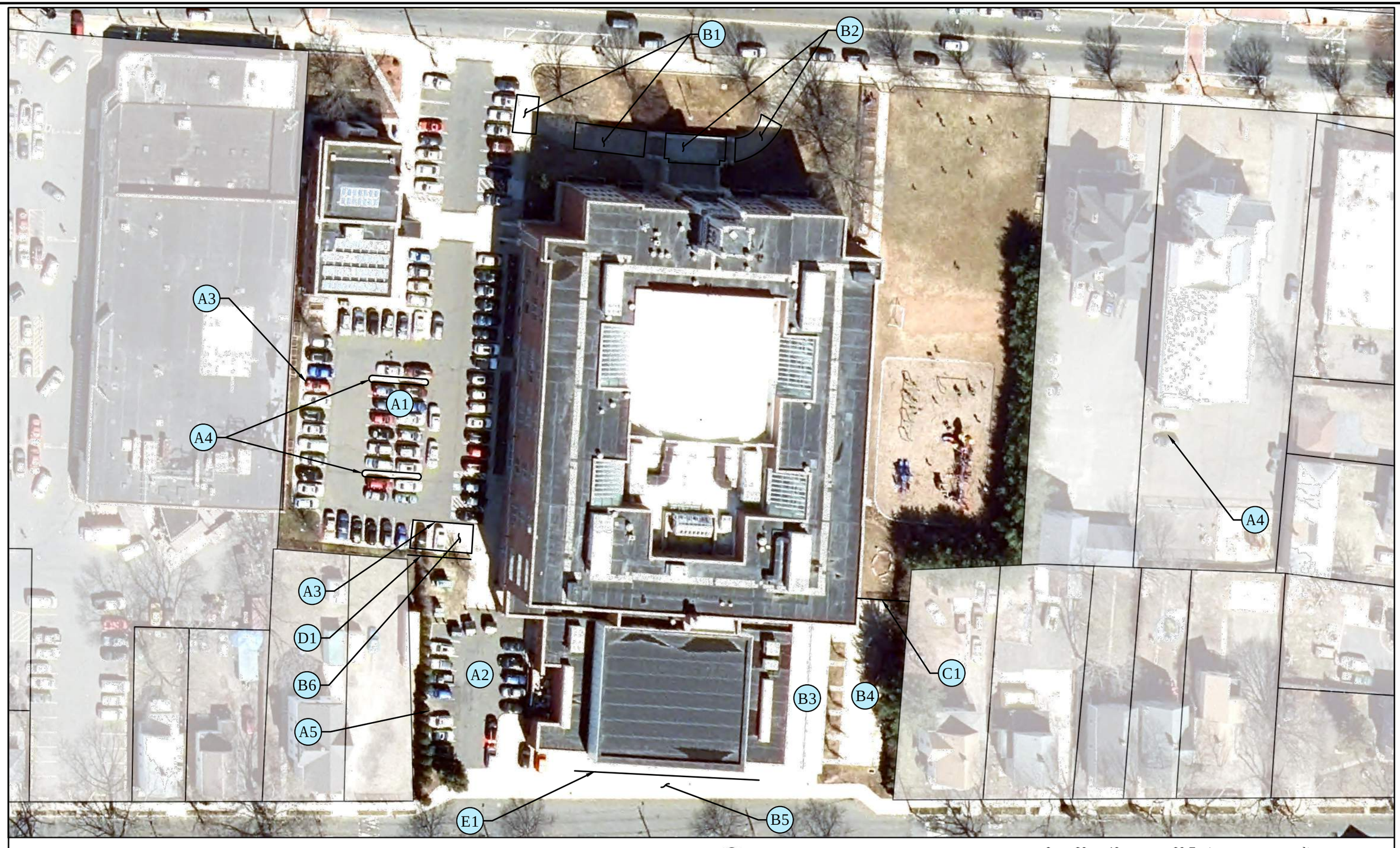
Building Name: Fair Haven School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	West Side of School	
2	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	Southwest Side of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of School	
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	West Side of School	
5	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Southwest Side of School	
B.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northwest Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	North Side of School	
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Southeast Corner of School	
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Southeast Corner of School	
5	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	South Side of School	
6	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	West Side of School	
C.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence and Gate (6' High) Deterioration by Demolition and Replacement.	1	Damage/ Wear	Southeast Corner of School	Fence Broken

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
D.	**G2020.40- Parking Lot Appurtenances**				
1	Correct Timber Guiderail Deterioration by Demolition and Replacement	1	Damage/ Wear	Southwest Corner of Site	Guiderail Broken
E.	**G3030.40- Site Storm Water Drains**				
1	Correct Clogged Trench Drain by Cleaning	2	Damage/ Wear	South Side of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle



Fair Haven School

SLR

0 20 40 80 Feet
1 inch equals 50 feet

N

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:FAIR HAVEN SCHOOL
Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:24pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Worthington Hooker School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Worthington Hooker School, New Haven, Connecticut on approximately 2.6 acres. The property slopes mildly from west to east and the landscaping consists of trees and shrubs.

There are one parking lot to the north of the school and a bus drop off also to the north. The paved areas are in fair condition with evidence of cracking and pavement section deterioration. The paved drive isle is in fair condition. Sidewalk surfaces are in fair to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the drive circle. The fencing is in good condition but needs to be painted. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Worthington Hooker Middle School
Discipline: Site
Assessor Name: Jason Morehouse

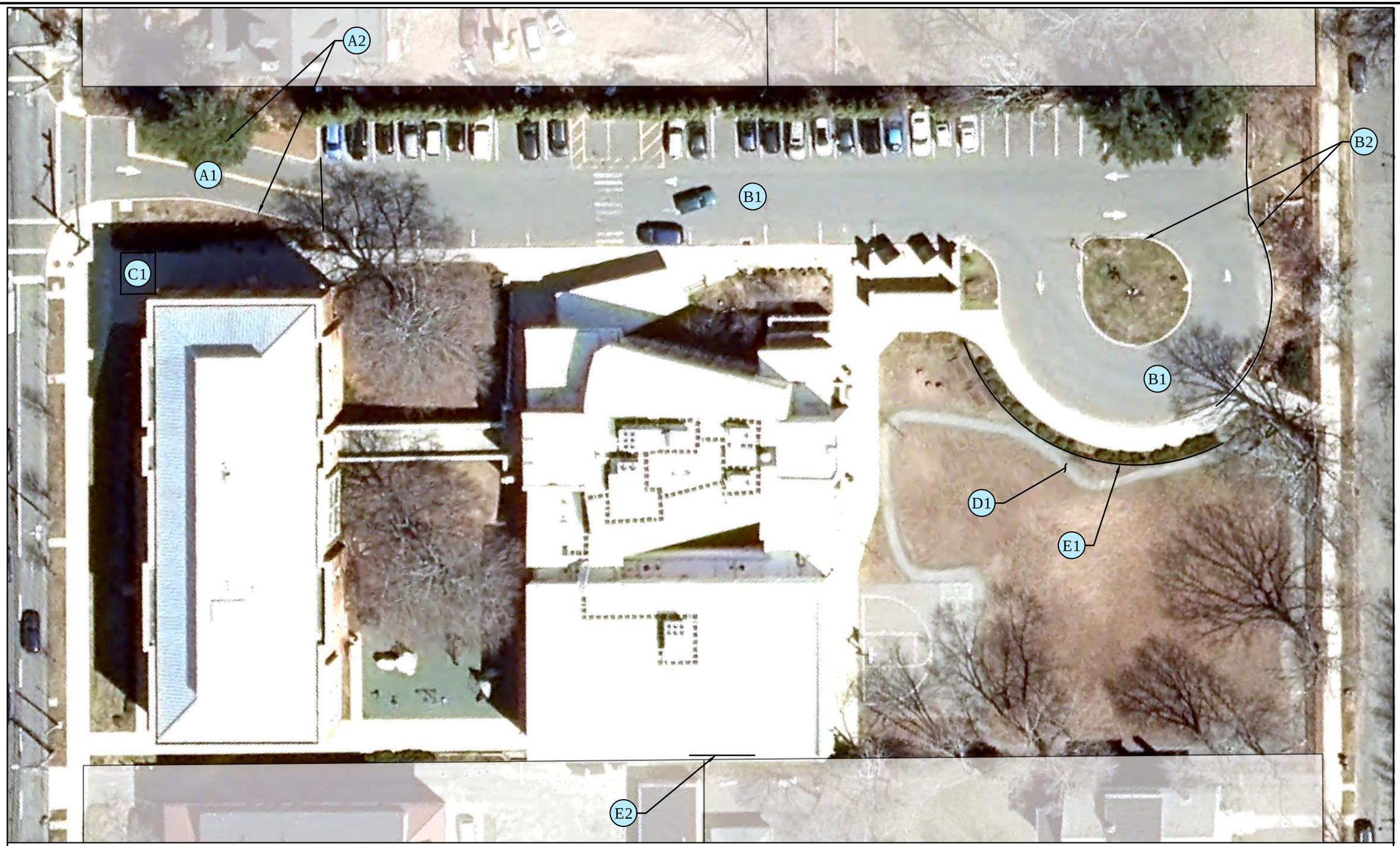
Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	Northwest Corner of Site	Entry Drive to Parking Lot
2	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	Northwest Corner of Site	Either Side of Entry Drive to Parking Lot
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	North Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Northwest Corner of Site	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Replacement and Regrade	2	Damage/ Wear	Northwest Corner of School	Settlement issues
2	Correct Gravel Pathway Deterioration by Demolition & Replacement	3	Damage/ Wear	Southeast Corner of Site	
D.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence (6' High) Finish Deterioration by Prep and Refinish	2	Damage/ Wear	South of Drive Circle	
2	Correct Aluminium Fence (6' High) Deterioration by Demolition and Replacement	2	Damage/ Wear	Along South Property Line	24' Segment

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			PRIORITY	TIMELINE	EXPLANATION
			1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
			2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_14992\SCHOOL KEY PLANS.DWG Layout Tab:WORTHINGTON HOOKER SCHOOL

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 - 5:07pm



Worthington Hooker School

SLR

0 15 30 60 Feet

1 inch equals 30 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Worthington Hooker School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Worthington Hooker School, New Haven, Connecticut on approximately 2.6 acres. The property slopes mildly from west to east and the landscaping consists of trees and shrubs.

There are one parking lot to the north of the school and a bus drop off also to the north. The paved areas are in fair condition with evidence of cracking and pavement section deterioration. The paved drive isle is in fair condition. Sidewalk surfaces are in fair to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the drive circle. The fencing is in good condition but needs to be painted. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Worthington Hooker Middle School
Discipline: Site
Assessor Name: Jason Morehouse

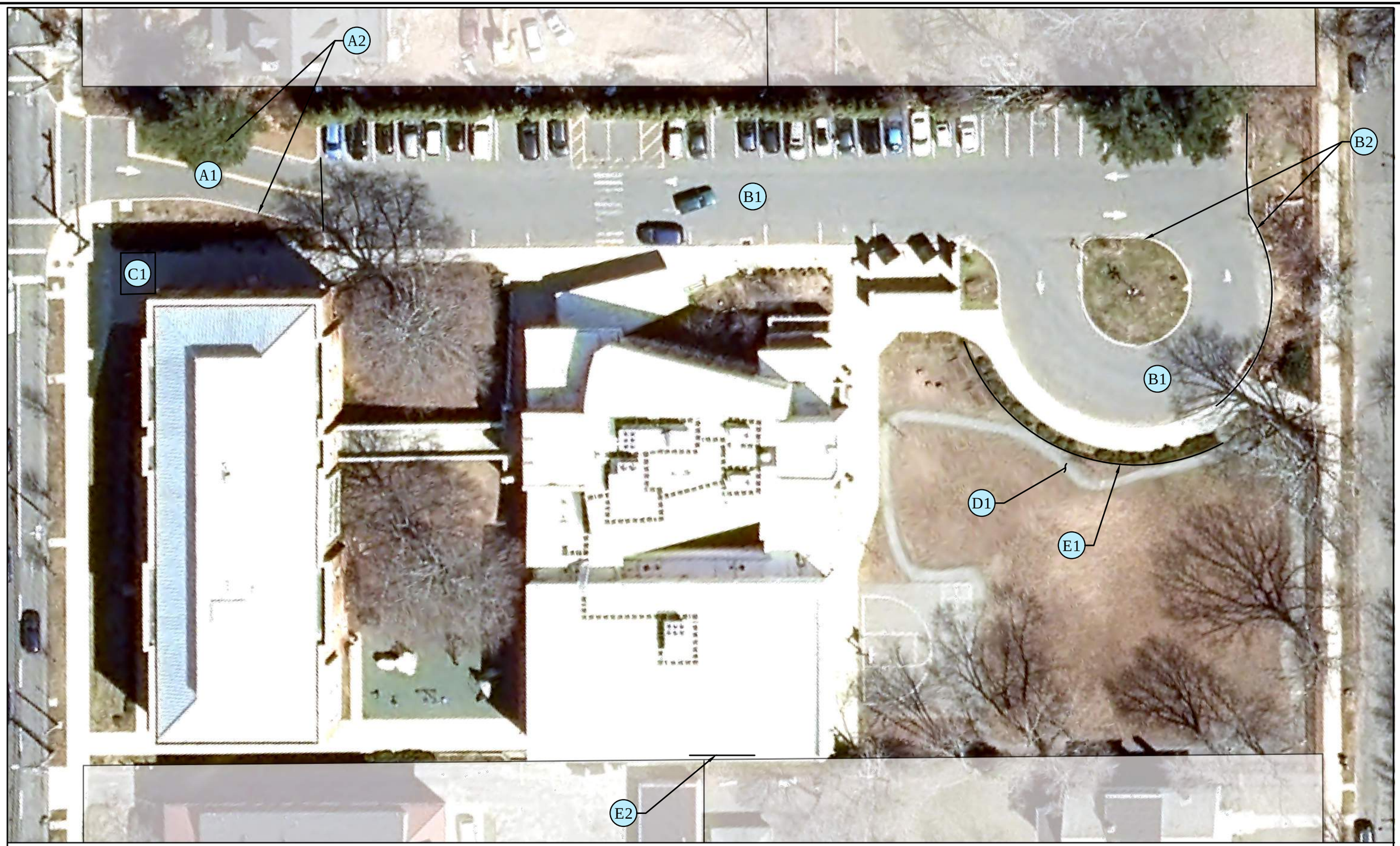
Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	Northwest Corner of Site	Entry Drive to Parking Lot
2	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	Northwest Corner of Site	Either Side of Entry Drive to Parking Lot
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	North Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Northwest Corner of Site	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Replacement and Regrade	2	Damage/ Wear	Northwest Corner of School	Settlement issues
2	Correct Gravel Pathway Deterioration by Demolition & Replacement	3	Damage/ Wear	Southeast Corner of Site	
D.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence (6' High) Finish Deterioration by Prep and Refinish	2	Damage/ Wear	South of Drive Circle	
2	Correct Aluminium Fence (6' High) Deterioration by Demolition and Replacement	2	Damage/ Wear	Along South Property Line	24' Segment

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			PRIORITY	TIMELINE	EXPLANATION
			1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
			2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_14992\SCHOOL KEY PLANS.DWG Layout Tab:WORTHINGTON HOOKER SCHOOL

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 - 5:07pm



Worthington Hooker School

SLR

0 15 30 60 Feet

1 inch equals 30 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Nathan Hale School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Nathan Hale School, New Haven, Connecticut on approximately 5.8 acres. The property slopes modestly from the east to west and the landscaping consists of trees and shrubs.

There are three parking lots to the south and west of the school and a bus drop off to the east of the school. The paved areas are in fair condition with evidence of cracking and pavement section deterioration. The paved drive isles are in fair to good condition. Sidewalk surfaces are in poor to good condition with areas of damage. Various stair sets around the site are in poor to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and rear lawn area. That fencing is in good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Nathan Hale School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	4	Useful Life	Southwest Corner of Site	
2	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	Southwest Corner of Site	
3	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	Southeast of School	
4	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	Northeast of School	
5	Correct Roadway Deterioration by Demolition & Replacement	2	Damage/ Wear	West Side of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	South Side of School	
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	Southwest Corner of Site	
3	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	West Side of School	
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	South Side of School	
5	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	South Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	East Side of School	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northwest Side of School	Settlement issues
4	Correct Bituminous Sidewalk Deterioration by Overlayment	4	Useful Life	West Side of School	
D.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	2 Risers
2	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	6 Risers
3	Correct Handrail Deterioration by Install New	2	Damage/ Wear	East Side of School	Not to Code. No Extension
E.	**G2050.30- Recreational Areas**				
1	Correct Playground Hard Surfacing Deterioration by Demolition and Replacement	3	Damage/ Wear	North Side of School	Paved Play

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016~DES\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:NATHAN HALE SCHOOL

Plotted by: JMOREHOUSE On this date: Tue, 2022, May 10 - 3:00pm

Nathan Hale School

SLR

0 25 50 100 Feet
1 inch equals 55 feet

N

SITE NARRATIVE & CONDITION RATING

BUILDING NAME: ***Augusta Lewis Troup Magnet Academy***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Augusta Lewis Troup Magnet Academy, New Haven, Connecticut on approximately 3.75 acres. The property is generally flat and the landscaping consists of trees and shrubs.

There is 1 parking lot to the north of the school and a bus drop off to the south. The paved areas are in fair to good condition with evidence of cracking and pavement section deterioration. The paved drive isles are in good condition. Sidewalk surfaces are in fair to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and play field. That fencing is in fair condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Augusta Lewis Troup Magnet Academy
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Damage/ Wear	West Side of School	
2	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	2	Damage/ Wear	West Side of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	East Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	East Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	East Side of School	
3	Correct Brick Paving Deterioration by Demo & Replacement	3	Damage/ Wear	West Side of School	
D.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	East Side of School	4 Risers
2	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	2 Risers
E.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence Gate (6' High) Deterioration by Demolition & Replacement	2	Damage/ Wear	North Side of School	
F.	**G2050.50- Playfield Areas**				
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	North Corner of Site	Poured in Place Rubber

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
2	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	South Side of School	Poured in Place Rubber. Hole in Surface (1' Dia. By 1' Deep)
G.	**G20850.20- Turf and Grasses**				
1	Correct Deteriorated Lawn Surface by Restoration, Reseeding & Mulching	3	Damage/ Wear	East Side of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016-DE\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:AUGUSTA LEWIS TROUP

Augusta Lewis Troup Magnet Academy of Science

SLR

0 20 40 80 Feet
1 inch equals 40 feet

N

Plotted by: JMOREHOUSE On: this date: Wed, 2022, May 18 - 12:12pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Wexler Grant Community School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Wexler Grant Community School, New Haven, Connecticut on approximately 8 acres. The property slopes mildly from north to south and the landscaping consists of trees and shrubs.

There are four parking lots to the north, west and south of the school and a bus drop off to the south. The paved areas are in poor condition with evidence of heavy cracking and pavement section deterioration. The paved drive isles are in fair condition. Sidewalk surfaces are in fair to good condition. There are several stair sets around the site that are in poor condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and at the basketball court. The fencing is in poor to good condition. The poured in place rubber playground surface is in poor condition. The basketball court is in fair condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Poor
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Wexler Grant Community School
Discipline: Site
Assessor Name: Jason Morehouse

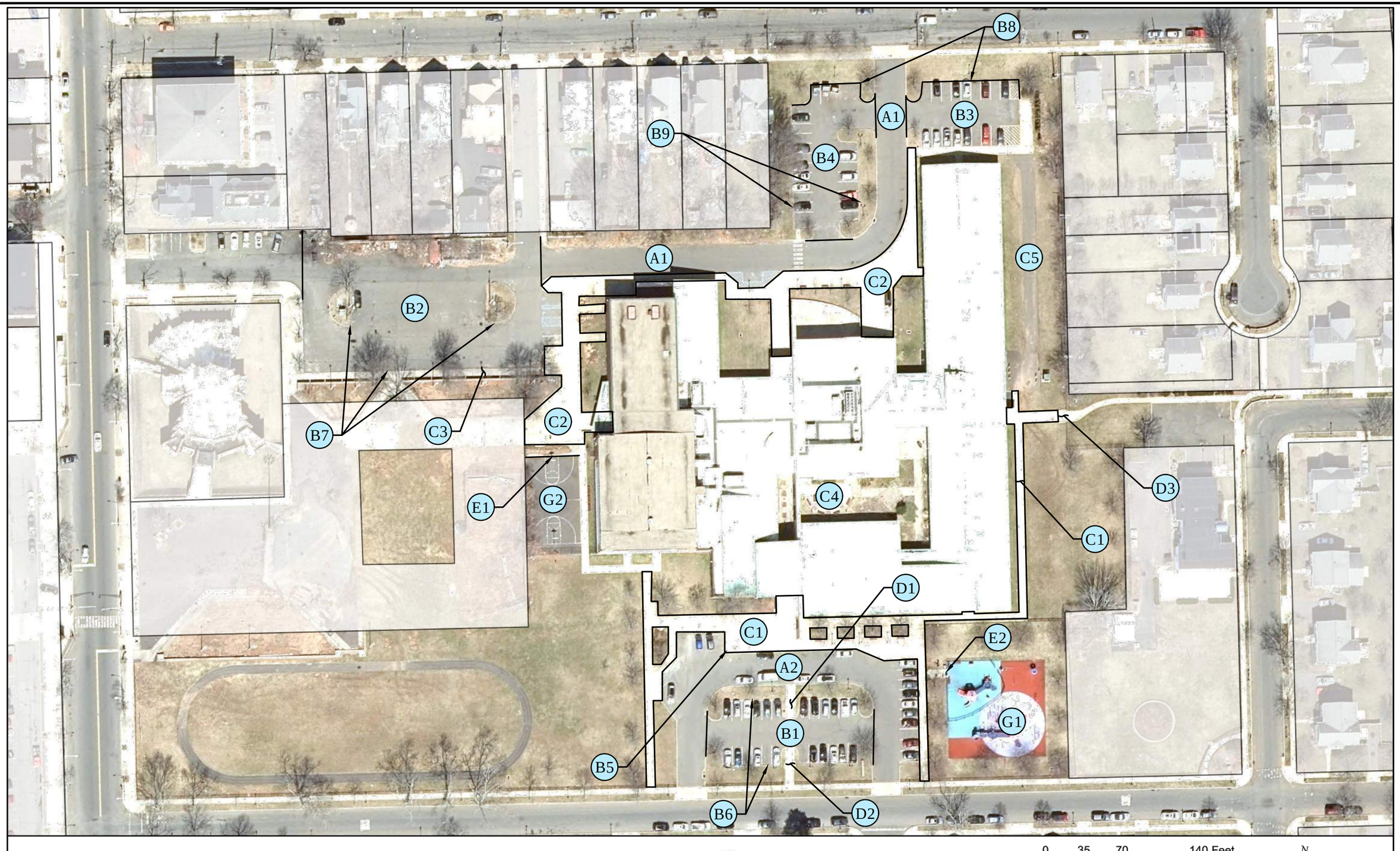
Date Assessed: 25-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	North Side of School	
2	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	South Side of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	South Side of School	
2	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	Northwest Side of School	
3	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	Northeast Side of School	
4	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	North Side of School	
5	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	South Side of School	
6	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	
7	Correct Parking Lot Curb Deterioration by Demolition & Replacement (Granite)	4	Useful Life	Northwest Side of School	
8	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	North Side of School	
9	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	South Side of School and Wraps Southeast Corner of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	North Side of School and Wraps Northwest Corner	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	West Side of School	
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Courtyard	
5	Correct Bituminous Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	East Side of School	
D.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	3 Risers. Cheek Wall is Broken
2	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	3 Risers. Cheek Wall is Broken
3	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	4 Risers.
E.	**G2060.20- Fences and Gates**				
1	Correct Chain Link Fence (10' High) Deterioration by Demolition & Replacement	2	Damage/ Wear	West Side of School	
2	Correct Aluminium Fence (4' High) Deterioration by Demolition and Replacement	1	Damage/ Wear	Southeast Corner of School	Gate Missing
G.	**G2050.30- Recreational Areas**				
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	Southeast Corner of Site	Poured in Place Rubber
2	Correct Basketball Court Finish Deterioration by Prep, Resurface, and Restripe	3	Damage/ Wear	West Side of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016--DEL\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:WEXLER GRANT
Plotted by: JMOREHOUSE On this date: Wed, 2022 May 18 - 11:53am



Wexler-Grant Community School

SLR

0 35 70 140 Feet
1 inch equals 75 feet

N

SITE NARRATIVE & CONDITION RATING

BUILDING NAME: ***Barnard Environmental Science & Tech School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Barnard Environmental Science & Tech School, New Haven, Connecticut on approximately 5.5 acres. The property slopes modestly from the east to west and the landscaping consists of trees and shrubs.

There is 1 parking lot to the east of the school and a bus drop off between the school and the main parking lot. The paved areas are in good condition with minimal evidence of cracking and pavement section deterioration. The paved drive isles are in good condition. Sidewalk surfaces are in fair to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playgrounds. That fencing is in fair condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

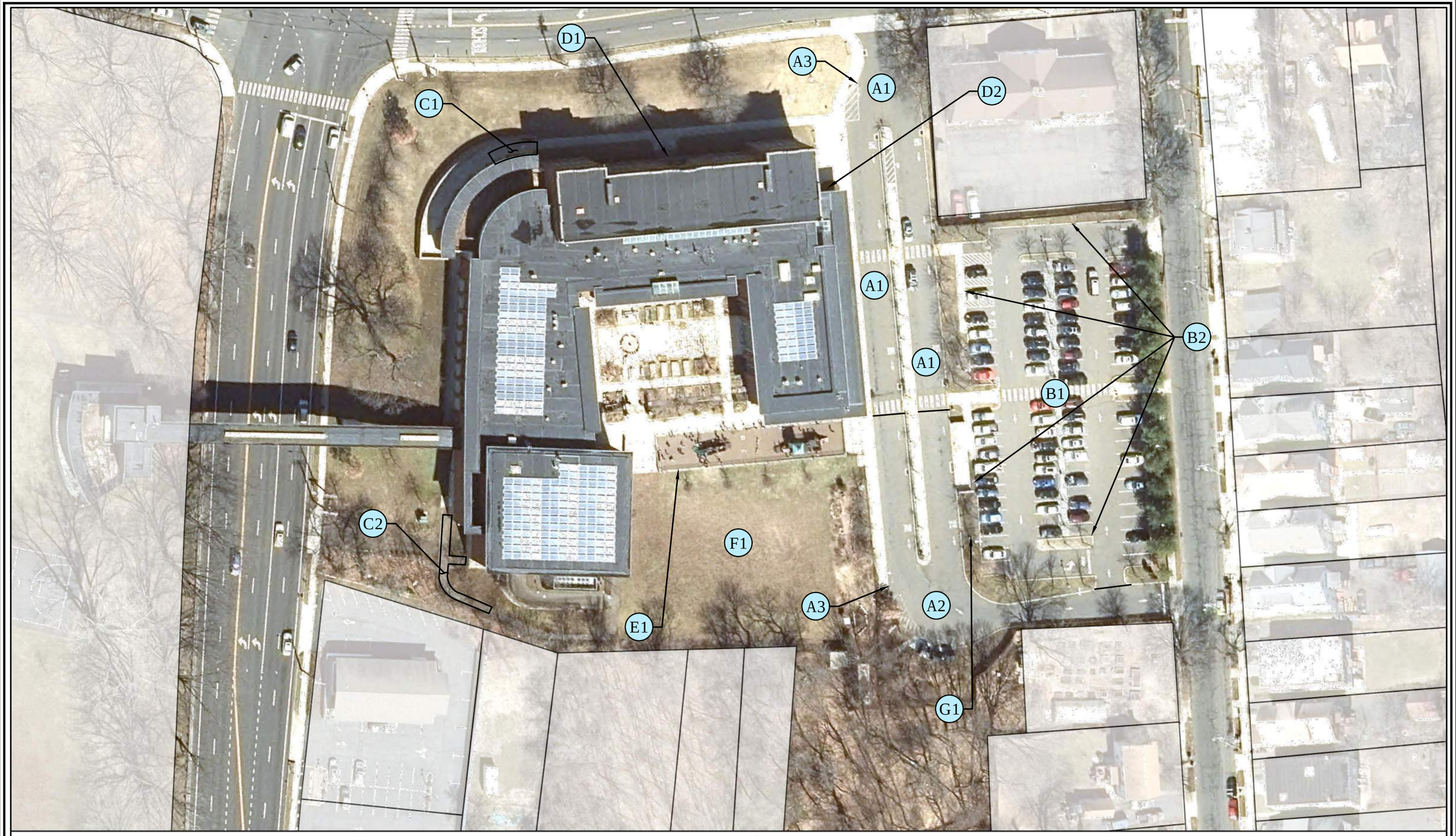
Building Name: Barnard Environmental Science & Tech School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	East Side of School	
2	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	East Side of School	
3	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	East Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Northwest Corner of Site	
2	Correct Bituminous Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Southwest Corner of Site	Tree Roots causing damage
D.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Handrail Finish Deterioration by Prep and Paint	2	Damage/ Wear	North Side of School	
2	Correct Handrail Finish Deterioration by Prep and Paint	2	Damage/ Wear	Northeast Corner of School	(5) 5' Handrails
E.	**G2060.20- Fences and Gates**				
1	Correct Chain Link Fence & Gates (4' High) Deterioration by Demolition & Replacement	3	Damage/ Wear	South Side of School	Playground Fence
F.	**G2050.50- Playfield Areas**				
1	Correct Deteriorated Lawn Surface by Restoration, Reseeding & Mulching	4	Useful Life	South Side of School	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
G.	G4050- Site Lighting				
1	Correct Pole Mounted Site Lighting by Install New	2	Damage/ Wear	East Side of School	(1) Damaged By Car

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle



Barnard Environmental Science & Technology School

SLR

0 25 50 100 Feet

1 inch equals 60 feet

N

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:BERNARD ENVIRONMENTAL

Plotted by: JMOREHOUSE On: this done: Fri, 2022 March 4 - 12:28pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***L.W. Beecher Museum Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at L.W. Beecher Museum Magnet School, New Haven, Connecticut on approximately 4.1 acres. The property slopes from east to west and the landscaping consists of trees and shrubs.

There is 1 parking lot to the northwest of the school. The paved areas are in poor to fair condition with evidence of cracking and pavement section deterioration. Sidewalk surfaces are in poor to good condition with areas of damage. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playgrounds and play field. That fencing is in poor to good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: L.W. Beecher Museum Magnet School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Roadway Deterioration by Mill and Overlay	3	Damage/ Wear	East Side of School	Drive Isle to Dumpsters
2	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	Drive Isle to Dumpsters
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	North Side of School	Entrance to Parking Lot and Accessible Spaces
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	North Side of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Northwest Corner of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	North Side of School	
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Northeast Corner of Lower School Section	
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northeast Corner of Upper School Section	
5	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	South Side of School	
6	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Southwest Corner of School	
D.	**Stairs**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	4	Useful Life	Northeast Corner of Upper School Section	15 Risers
2	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	4	Useful Life	Southeast Corner of School	6 Risers
E.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Retaining Wall Deterioration by Demolition and Replacement.	2	Damage/ Wear	South Side of School	Modular Block
F.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence (4' High) Deterioration by Demolition and Replacement.	2	Damage/ Wear	Southwest Corner of School	
G.	**G2050.30- Recreational Areas**				
1	Correct Basketball Court Deterioration by Demolition and Replacement	2	Damage/ Wear	North of School	
2	Correct Basketball Hoop Deteriorated by Replacement	2	Damage/ Wear	North of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

L.W. Beecher Museum Magnet School of Arts and Sciences

SLR

0 20 40 80 Feet
1 inch equals 50 feet

N

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_7836A\SCHOOL KEY PLANS.DWG Layout: Tab:LW BEECHER MUSEUM MAGNET
Plotted by: JMOREHOUSE On this date: Tue, 2022 May 10 - 12:09pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Bishop Woods Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Bishop Woods Magnet School, New Haven, Connecticut on approximately 6.9 acres. The property slopes modestly from the east to west and the landscaping consists of trees and shrubs.

There is 1 parking lot to the east corner of the site and a bus drop off that surrounds the main parking lot. The paved areas are in fair to good condition with evidence of cracking and pavement section deterioration. The paved drive isles are in good condition. Sidewalk surfaces are in good condition with small areas of damage. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and play area. That fencing is in good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Bishop Woods Design Magnet School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Restoration & Overlayment	4	Useful Life	West Side of School	
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	North Side of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	North Side of School	Outside Curb of Parking Lot
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	
5	Correct Parking Lot Signage Deterioration by Demolition and Replacement.	2	Damage/ Wear	North Side of School	(4) Accessible Parking Signs
B.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	South Side of School	
C.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Handrail Deterioration by Demolition & Replacement	2	Damage/ Wear	Northwest Corner of School	
D.	**G2050.50- Playfield Areas**				
1	Correct Deteriorated Lawn Surface by Restoration, Reseeding & Mulching	3	Damage/ Wear	Northeast Corner of Site	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			PRIORITY	TIMELINE	EXPLANATION
			1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
			2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:BISHOP WOODS

Bishop Woods Architecture and Design Magnet School

SLR

0 25 50 100 Feet
1 inch equals 60 feet

N

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:31pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Brennan-Rogers School West***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Brennan-Rogers School West, New Haven, Connecticut on approximately 10 acres. The property slopes mildly from the north to south and the landscaping consists of trees and shrubs.

There are two parking lots, one to the south of the school and the other to the east. A bus drop off wraps around the parking lot to the east of the school. A access drive wraps the west and south sides of the school. The paved areas are in poor condition with evidence of cracking and pavement section deterioration. The paved drive isles are in poor to good condition. Sidewalk surfaces are in good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and the basketball court. Around the playground is in good condition and around the basketball court is in poor condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Brennan-Rogers School West
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	North and West Side of School	
2	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	East Side of School	Bus Loop
3	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	Southeast Corner of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	South Side of School	
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	East Side of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement with Alternate Material	2	Damage/ Wear	South Side of School	
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	
5	Correct Parking Lot Curb Deterioration by Demolition & Replacement	4	Useful Life	East Side of School	
6	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Northeast Corner of School	
C.	**Pavements**				
1	Correct Concrete Paving Deterioration by Demolition & Replacement	2	Damage/ Wear	Northwest Corner of School	Concrete Dumpster Pad
D.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	West Side of School	
E.	**G2030.10- Exterior Steps and Ramps**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Handrail Deterioration by Demolition & Replacement	1	Life Safety	South Side of School	No Handrails At Stairs
F.	**G2060.20- Fences and Gates**				
1	Correct Chain Link Fence & Gates (4' High) Deterioration by Demolition & Replacement	1	Damage/ Wear	Northwest Corner of School	(3) Gates
G.	**G2050.50- Playfield Areas**				
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	3	Damage/ Wear	Northwest Corner of School	Poured in Place Rubber
2	Correct Basketball Court Deterioration by Demolition and Replacement	2	Damage/ Wear	Southeast Corner of Site	
3	Correct In-ground Basketball Hoop Deterioration by Demolition and Replacement	2	Damage/ Wear	Southwest Corner of Site	(2) Needed

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: TabBRENNAN-ROGERS SCHOOL WEST
Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:53pm

Brennan-Rogers School of Communication and Media (West)

SLR

0 30 60 120 Feet
1 inch equals 70 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Brennan-Rogers School East***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Brennan-Rogers School East, New Haven, Connecticut on approximately 8.5 acres. The property slopes mildly from the north to south and the landscaping consists of trees and shrubs.

There is 1 parking lot to the north corner of the site and a bus drop off that loop around the school. The paved areas are in poor to fair condition with evidence of heavy cracking and pavement section deterioration. The paved drive isles are in poor to fair condition. Sidewalk surfaces are in poor to good condition with areas of damage. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. There is one broken pole light that needs to be replaced. Fencing is provided around the two playgrounds. That fencing is in fair to good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Poor
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Brennan-Rogers School East
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

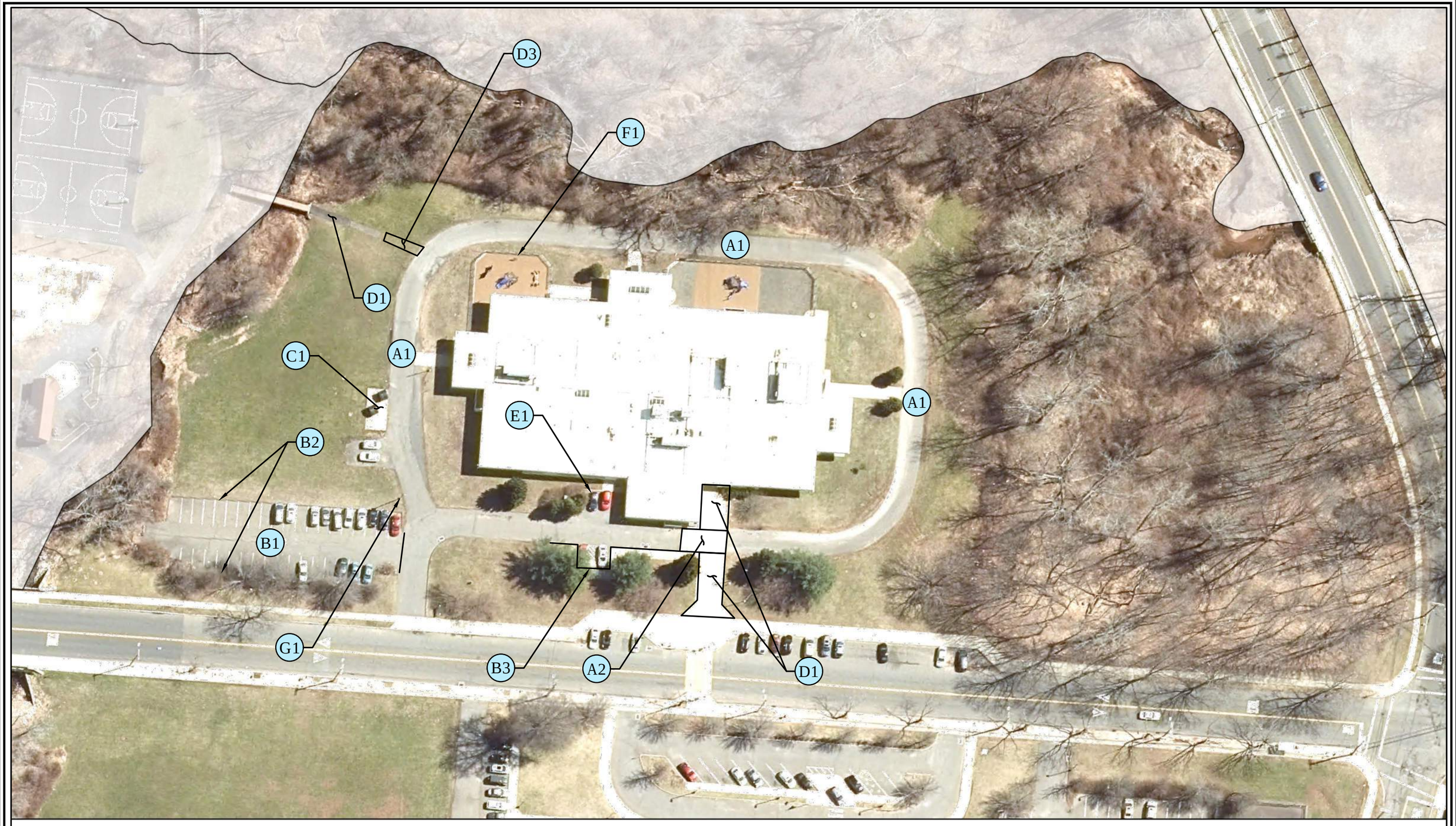
ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	Surrounds the School	
2	Correct Concrete Roadway Surface Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	West Side of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	Northwest Corner of Site	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement with Alternate Material (Concrete)	4	Useful Life	Northwest Corner of Site	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of School	
C.	**Pavements**				
1	Correct Concrete Paving Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	Dumpster Pad
D.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	West Side of School	Main Entrance
2	Correct Bituminous Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northeast Corner of Site	
3	Correct Bituminous Concrete Sidewalk Deterioration by Install New	2	Function/ Functional	Northeast Corner of Site	
E.	**G2060.85- Site Specialties**				
1	Correct Bollard Deterioration by Demolition & Replacement	2	Damage/ Wear	West Side of School	(3) Bollards
F.	**G2060.20- Fences and Gates**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Aluminium Fence (4' High) Deterioration by Demolition and Replacement	3	Damage/ Wear	Northwest Corner of School	
G.	**G4050- Site Lighting**				
1	Correct Pole Mounted Site Lighting Deterioriation by Demolition and Replacement	1	Damage/ Wear	Northwest Corner of School	(1) Broken Light Pole

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout Tab:BRENNAN-ROGERS SCHOOL EAST

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:32pm



Brennan-Rogers School of Communitcation and Media (East)

SLR

0 30 60 120 Feet

1 inch equals 65 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Celentano Bio-Tech Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Celentano Bio-Tech Magnet School, New Haven, Connecticut on approximately 4.9 acres. The property IS relatively flat and the landscaping consists of trees and shrubs.

There is 1 parking lot to the east of the school and a bus drop off to the north of the school. There is also an access drive that wraps the south and east sides of the school. The paved areas are in poor condition with evidence of cracking and pavement section deterioration. The paved drive isles are in fair to good condition. Sidewalk surfaces are in poor to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and the main lawn area to the north of the school. That fencing is in good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Celentano BioTech Magnet School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 25-Aug-21
Date Submitted: 18-May-22

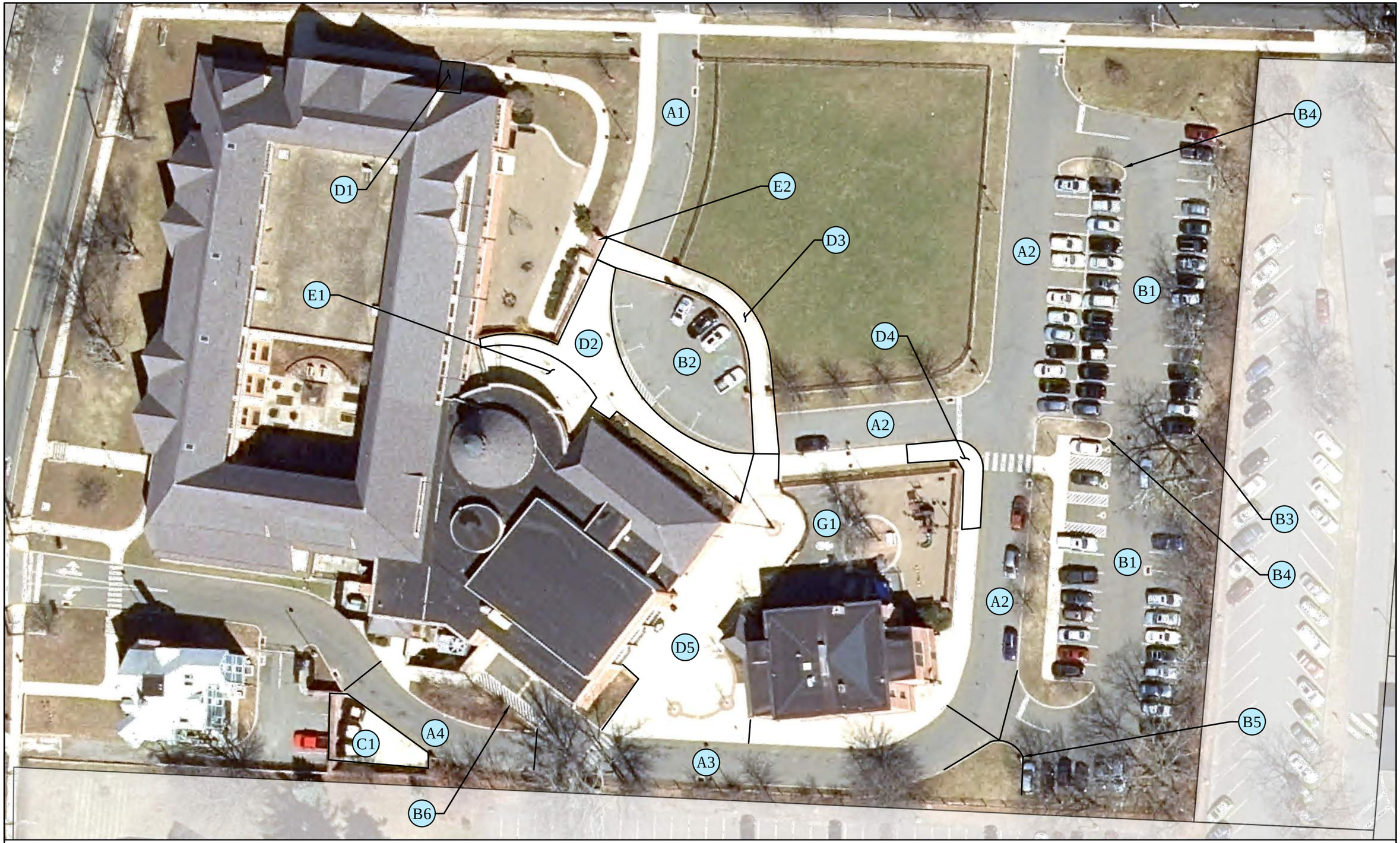
ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	Northeast Corner of School	Drop-Off Loop
2	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	East Side of School	
3	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	South Side of School	
4	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	South Side of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	East Side of School	
2	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	East Side of School	Parallel Spaces at Main Entrance
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement with Alternate Material (Concrete)	2	Damage/ Wear	East Side of Main Parking	Currently Bituminous Curb
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	Entrances to Main Parking
5	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Southeast Corner of School	
6	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	Loading Area
C.	**Pavement**				
1	Correct Concrete Pavement Deterioration by Demo & Replacement	2	Damage/ Wear	South Side of School	Dumpster Pad
D.	**G2030.10- Pedestrian Pavement**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	North Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Main Entrance	
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Main Entrance	
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Southeast Corner of School	
5	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Plaza Space Between School Sections	
E.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	3	Damage/ Wear	Main Entrance	3 Risers
2	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	Main Entrance	6 Risers
G.	**G2050.50- Playfield Areas**				
1	Correct Playground Hard Surfacing Deterioration by Demolition and Replacement	3	Damage/ Wear	Southeast Corner of School	Paved Play

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:CELETANO BIOTECH MAGNET

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:51pm



Celentano BioTech, Health, & Medical Magnet School

SLR

0 20 40 80 Feet

1 inch equals 40 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Roberto Clemente Leadership Academy***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Roberto Clemente Leadership Academy, New Haven, Connecticut on approximately 7.4 acres. The property is relatively flat and the landscaping consists of trees and shrubs.

There is one main parking lot to the south of the school. A bus drop off is to the south of the school. The paved areas are in fair to good condition with evidence of cracking and pavement section deterioration. The paved drive isle is in good condition. Sidewalk surfaces are in good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the basketball courts, track, playground and play field. The fencing is overall in good condition with one section needing to be replaced. The track is in poor to fair condition. The basketball courts are in fair condition. The playground poured in place rubber surface is in poor condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Roberto Clemente Leadership Academy
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	4	Useful Life	South Side of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	Southwest Side of School	
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	4	Useful Life	Southwest Side of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	Southwest Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demolition & Replacement	4	Useful Life	Courtyard	
D.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence (6' High) Deterioration by Demolition and Replacement.	1	Damage/ Wear	West Side of Site	Missing Section of Fence
E.	**G4050- Site Lighting**				
1	Correct Pole Mounted Site Lighting Deterioriation by Demolition and Replacement	1	Damage/ Wear	Southwest Side of School	-1
2	Correct Pole Mounted Site Lighting Deterioriation by Demolition and Replacement	1	Damage/ Wear	West Side of Site	-2
F.	**G2050.10- Athletic Areas**				
1	Correct Competition Track Surface by Prop, Resurface and Restripe	2	Damage/ Wear	West Side of School	
2	Correct Basketball Court Surface by Prop, Resurface and Restripe	3	Damage/ Wear	West Side of School	
G.	**G2050.50- Playfield Areas**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	West Side of School	Poured in Place Rubber
2	Correct Playground Artificial Turf Deterioration by Demolition and Replacement	3	Damage/ Wear	Courtyard	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.000\16-DE\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:ROBERTO CLEMENTE ACADEMY

Roberto Clemente Leadership Academy for Global Awareness

SLR

0 25 50 100 Feet
1 inch equals 60 feet

N

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 - 10:46pm

SITE NARRATIVE & CONDITION RATING

BUILDING NAME: ***Harry A. Conte West Hills Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Harry A. Conte West Hills Magnet School, New Haven, Connecticut on approximately 7.1 acres. The property is relatively flat and the landscaping consists of trees and shrubs.

There is 1 parking lot that runs along the east side of the school and a bus drop off to the south of the school. The paved areas are in poor condition with evidence of heavy cracking and pavement section deterioration. The paved drive isle is in poor condition. Sidewalk surfaces are in poor to fair condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground, various lawn areas, and the baseball field to the north of the school. That fencing is in poor to fair condition with various levels of damage. The playground surfacing is in poor condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Poor
Site Amenities	Poor

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Harry A. Conte West Hills Magnet School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 25-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Demolition and Replacement	2	Damage/ Wear	South Side of School	Drop-Off Lane
2	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	South Side of School	Drop-Off Lane
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	East Side of School	
2	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	North Side of School	
3	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	North Side of School	Maintenance/ Loading Area
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Northeast Corner of Site	
5	Correct Parking Lot Curb Deterioration by Demolition & Replacement with Alternate Material (Concrete)	2	Damage/ Wear	Northeast Corner of Site	
6	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	Northeast Corner of School	
7	Correct Parking Lot Curb Deterioration by Demolition & Replacement with Alternate Material (Concrete)	2	Damage/ Wear	Along East Property Line	
8	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Southeast Corner of Site	
9	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Southeast Corner of Site	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	1	Life Safety	Northeast Corner of School and Wraps Southeast Corner	Exposed rebar and heavy cracking.

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	West Side of School	
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	West Side of School	
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Southwest Corner of School	
5	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	West Property Line	Under Breezeway
6	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	North Side of School	
7	Correct Concrete Sidewalk Deterioration by Demo & Replacement	1	Damage/ Wear	North Side of School	Tree Destroying Sidewalk
8	Correct Bituminous Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	South Side of School	
9	Correct Bituminous Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	South Side of School	
10	Correct Bituminous Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	West Side of School	
11	Correct Bituminous Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	Courtyard	
D.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	5 Risers
E.	**G2060.60- Retaining Walls**				
1	Correct Brick Retaining Wall Deterioration by Demolition and Replacement	3	Damage/ Wear	Southeast Corner of School	
F.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence Double Gate (4' High) Deterioration by Demolition and Replacement	2	Damage/ Wear	Southeast Corner of School	
2	Correct Aluminium Fence Single Gate (4' High) Deterioration by Demolition and Replacement	2	Damage/ Wear	Southeast Corner of School	
3	Correct Chain Link Fence (4' High) Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of Site	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
4	Correct Chain Link Fence (4' High) Deterioration by Demolition & Replacement	2	Damage/ Wear	North Side of School	
5	Correct Chain Link Fence Double Gate (4' High) Deterioration by Demolition & Replacement	2	Damage/ Wear	North Side of School	
G.	**G2050.50- Playfield Areas**				
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	Southeast Corner of School	Poured in Place Rubber. Root Heaves
2	Correct Playground Soft Surfacing Edging Deterioration by Install New	2	Damage/ Wear	Southeast Corner of School	
3	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	1	Damage/ Wear	West Side of School	Poured in Place Rubber
4	Correct Playground Equipment Deterioration by Demolition and Replacement (Per Piece of Equip.)	1	Life Safety	West Side of School	Broken/ Missing Pieces of Equipment
H.	**G2050.10- Athletic Areas**				
1	Correct Baseball Field (Grass) Deterioration by Regrade and Reseed	2	Damage/ Wear	North Side of School	Baseball Field
2	Correct Baseball Field Infield Deterioration by Replacement	2	Damage/ Wear	North Side of School	Infield is Completely Overgrown
I.	**G1010.30- Tree and Shrub Removal and Trimming**				
1	Correct Tree Deterioration by Demo	2	Damage/ Wear	Northwest Corner of Site	Causing Sidewalk Issues
2	Correct Vegetation Overgrowth by Trimming	2	Damage/ Wear	Along East Property Line	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			PRIORITY	TIMELINE	EXPLANATION
			1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
			2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:HARRY A. CONTE MAGNET

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:25pm

Harry A. Conte West Hills Magnet School: Exploration & Innovation

SLR

0 30 60 120 Feet

1 inch equals 70 feet

N

SITE NARRATIVE & CONDITION RATING

BUILDING NAME: ***John C. Daniels School of International Communication***

Site Systems & Amenities

Property-Wide Narrative

The property is located at John C. Daniels School of International Communication, New Haven, Connecticut on approximately 6.6 acres. The property is relatively flat and the landscaping consists of trees and shrubs.

There is 1 parking lot to the west of the school and a bus drop off to the southwest corner of the school. The paved areas are in poor condition with evidence of cracking and pavement section deterioration. The paved drive isle is in fair condition. Sidewalk surfaces are in good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground to the southwest side of the school. That fencing is in good condition. The poured in place surface of the playground is in fair condition. The soccer field located to the west of the school is in fair condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: John C. Daniels School of International Communication
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	Northwest Side of School	Bus Drop Off Lane
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	West Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of School	Concrete Curb
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement with Alternate Material (Concrete)	3	Damage/ Wear	West Side of School	Bituminous Curb Currently
C.	**G2050.50- Playfield Areas**				
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	3	Damage/ Wear	Southwest Corner of School	Poured in Place Rubber
2	Correct Bituminous Sidewalk Deterioration by Demolition and Replacement	3	Damage/ Wear	North of School	Walking Path
3	Correct Deteriorated Lawn Surface by Restoration, Reseeding & Mulching	3	Damage/ Wear	North of School	Soccer Field

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:JOHN C DANIELS SCHOOL

John C. Daniels School of International Communication

SLR

0 25 50 100 Feet

1 inch equals 60 feet

N

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 6:12pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Davis Academy***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Davis Academy, New Haven, Connecticut on approximately 3.5 acres. The property slopes modestly from the south to north and the landscaping consists of trees and shrubs.

There is 1 parking lot in the southeast corner of the site and a bus drop off at the west side of the school. The paved areas are in good condition with minimal evidence of cracking and pavement section deterioration but needs to be restriped. The paved drive isles are in good condition. Sidewalk surfaces are in good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and around the north, east and south sides of the side. The fencing is in good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Davis Academy for Arts & Design
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	West Property Line	Bus Drop-Off
2	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	East and South Property Line	
3	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	West Property Line	Bus Drop-Off
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Striping Deterioration by Restripe	2	Damage/ Wear	Southeast Corner of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Southwest Corner of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	Southeast Corner of School	
4	Correct Parking Lot Signage Deterioration by Demolition & Replacement	2	Damage/ Wear	Southeast Corner of School	
C.	**G2050.50- Playfield Areas**				
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	4	Useful Life	Northwest Corner of School	Poured in Place Rubber
2	Correct Tennis Court Deterioration by Demolition and Replacement	3	Damage/ Wear	Northeast Corner of School	
3	Correct Deteriorated Lawn Surface by Restoration, Reseeding & Mulching	3	Damage/ Wear	Northwest Corner of School	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			PRIORITY	TIMELINE	EXPLANATION
			1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
			2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Davis Academy for Arts & Design Innovation

SLR

0 20 40 80 Feet

1 inch equals 50 feet

N

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:DAVIS ACADEMY

Plotted by: JMOREHOUSE On this date Fri, 2022 March 4 – 12:54pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***East Rock Community Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at East Rock Community Magnet School, New Haven, Connecticut on approximately 3.2 acres. The property slopes modestly from the west to east and the landscaping consists of trees and shrubs.

There is angled parking along the east of the school and a bus drop off at the west side of the school. The paved areas are in fair to good condition with minimal evidence of cracking and pavement section deterioration. The paved drive isles are in good condition. Sidewalk surfaces are good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playgrounds and is in good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: East Rock Community Magnet School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	Southwest Corner of School	
2	Correct Bituminous Parking Lot Striping Deterioration by Restripe	3	Damage/ Wear	West Side of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement with Alternate Material (Concrete)	3	Damage/ Wear	West Side of School	
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement with Alternate Material (Concrete)	2	Damage/ Wear	Northwest Corner of Site	
5	Correct Parking Lot Curb Deterioration by Demolition & Replacement with Alternate Material (Concrete)	2	Damage/ Wear	Southwest Corner of Site	
B.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Guardrail Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:EAST ROCK COMMUNITY MAGNET

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 – 12:22pm

East Rock Community & Cultural Studies Magnet School

SLR

0 20 40 80 Feet

1 inch equals 40 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Edgewood Creative Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Edgewood Creative Magnet School, New Haven, Connecticut on approximately .3 acres. The property is relatively flat and the landscaping consists of trees and shrubs.

There is 1 parking lot on site to the west of the school. The paved areas are in poor to fair condition with evidence of cracking and pavement section deterioration. The paved drive isles are in fair condition. Sidewalk surfaces are in poor to fair condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and paved play area to the east of the school. That fencing is in good condition with a few gates that need to be replaced. The playground surfacing and paved play areas are in poor condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Edgewood Creative Magnet School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	Northwest Corner of Site	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	West Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	North Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northeast Corner of School	
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	South Side of School	
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	West Side of School	
D.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	3	Damage/ Wear	South Side of School	6 Risers
2	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	6 Risers
3	Correct Handrail Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	Not to Code. No Extension
E.	**G2060.60- Retaining Wall**				
1	Correct Concrete Retaining Wall Deterioration by Demolition and Replacement	2	Damage/ Wear	Northwest Corner of Site	Modular Block
G.	**G2050.50- Playfield Areas**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	Southwest Corner of Site	Poured in Place Rubber
2	Correct Playground Hard Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	Southeast Corner of Site	Paved Play
3	Correct Deteriorated Lawn Surface by Restoration, Reseeding & Mulching	2	Damage/ Wear	Southwest Corner of Site	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Edgewood Creative Thinking Through STEAM Magnet School

SLR

0 15 30 60 Feet

1 inch equals 30 feet

N

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:EDGEWOOD MAGNET SCHOOL

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 – 12:23pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Hill Central Music Academy***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Hill Central Music Academy, New Haven, Connecticut on approximately 5.4 acres. The property slopes mildly from the north to south and the landscaping consists of trees and shrubs.

There is 1 parking lot to the north of the school and a bus drop off that runs through the main parking lot. The paved areas are in fair condition with evidence of cracking and pavement section deterioration. The paved drive isles are in good condition. Sidewalk surfaces are in good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground, between the bus loop and the main parking and along the south property line. That fencing is in fair to good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Hill Central Music Academy
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	North Side of School	Bus Loop
2	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	South Side of School	
3	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	South Side of School	
4	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	Bus Loop Island
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	North Side of School	Main Parking Lot
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	
C.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence (4' High) Deterioration by Demolition and Replacement.	2	Damage/ Wear	North Side of School	
2	Correct Aluminium Fence (6' High) Deterioration by Demolition and Replacement.	1	Damage/ Wear	Northwest Corner of School	Missing Section at Playground
D.	**G4050- Site Lighting**				
1	Correct Bollard Light Deterioration by Demolition and Replacement	2	Damage/ Wear	Northwest Corner of School	
E.	**G2050.50- Playfield Areas**				
1	Correct Playground Artificial Turf Deterioration by Demolition and Replacement	4	Useful Life	Courtyard	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			PRIORITY	TIMELINE	EXPLANATION
			1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
			2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016-DE\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:HILL CENTER MUSIC ACADEMY

Hill Central Music Academy

SLR

0 40 80 160 Feet

N

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 18 - 10:25am

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Benjamin Jepson Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Benjamin Jepson Magnet School, New Haven, Connecticut on approximately 15.3 acres. The property slopes modestly from the south to north and the landscaping consists of trees and shrubs.

There is 1 parking lot to the south of the school and a bus drop off wraps around the west and south sides of the school. The paved areas are in good condition with minimal evidence of cracking and pavement section deterioration. The paved drive isles are in good condition. Sidewalk surfaces are in fair to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. There is also a light pole that is broken and needs replacement. Fencing is provided around the playground and is in good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Benjamin Jepson Magnet School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	Wraps Around East, North and West Sides of School	Bus Loop
2	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	Northwest Corner of School	Bus Loop Island
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	South Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	South Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	South Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	North Side of School	Outside Curb
D.	**G4050- Site Lighting**				
1	Correct Pole Mounted Site Lighting by Install New	2	Security	Parking Area on East Side of Building	Missing Light Pole Along Bus Loop

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Benjamin Jepson Magnet School

SLR

0 37.5 75 150 Feet

1 inch equals 80 feet

N

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:BENJAMIN JEPSON MAGNET

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:30pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***King Robinson Interdistrict Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at King Robinson Interdistrict Magnet School, New Haven, Connecticut on approximately 14.4 acres. The property slopes from the school south as well as to the north with the school being at a plateau. The landscaping consists of trees and shrubs.

There are three parking lots to the north, south and east of the school. An access drive runs along the west property line. The paved areas are in poor to fair condition with evidence of cracking and pavement section deterioration. The paved drive isle is in poor condition. Sidewalk surfaces are in poor to good condition with varying levels of damage. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground. That fencing is in good condition. The poured in place rubber surface of the playground is in poor condition. The basketball court is in poor condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Poor

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: King Robinson Interdistrict Magnet School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 25-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	Northeast Corner of School	
2	Correct Bituminous Roadway Surface Deterioration by Demolition and Full Depth Replacement	2	Damage/ Wear	West Property Line	Access Drive
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	South Side of School	
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	East Side of School	
3	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	North Side of School	
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	South Side of School	
5	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	
6	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	North Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northeast Corner of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	North Side of School	
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	West Side of School	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Courtyard	
G.	**G2050.50- Playfield Areas**				
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	1	Life Safety	Southwest Corner of School	Poured in Place Rubber. Heavy Damage
2	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	Northwest Corner of School	Poured in Place Rubber.
H.	**G2050.30- Recreational Areas**				
1	Correct Basketball Court Deterioration by Demolition and Replacement	2	Damage/ Wear	Southwest Corner of School	
2	Correct Basketball Hoop Deterioration by Demolition and Replacement	2	Damage/ Wear	Southwest Corner of School	(2) Hoops Needed

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_13128\SCHOOL KEY PLANS.DWG Layout: Tab:KING ROBINSON MAGNET

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 25 - 12:01pm

King Robinson Interdistrict Magnet School

SLR

0 37.5 75 150 Feet

1 inch equals 80 feet

N

SITE NARRATIVE & CONDITION RATING

BUILDING NAME: ***John S. Martinez Sea and Sky School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at John S. Martinez Sea and Sky School, New Haven, Connecticut on approximately 2.8 acres. The property is relatively flat and the landscaping consists of trees and shrubs.

There is 1 parking lot to the north of the school. The paved areas are in fair condition with evidence of cracking and pavement section deterioration. Sidewalk surfaces are in fair to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and the athletic fields in the northwest corner of the site. That fencing is in poor to good condition. The basketball court is in fair condition and the soccer field is poor condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating

(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: John S. Martinez Sea and Sky School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 25-Aug-21
Date Submitted: 18-May-22

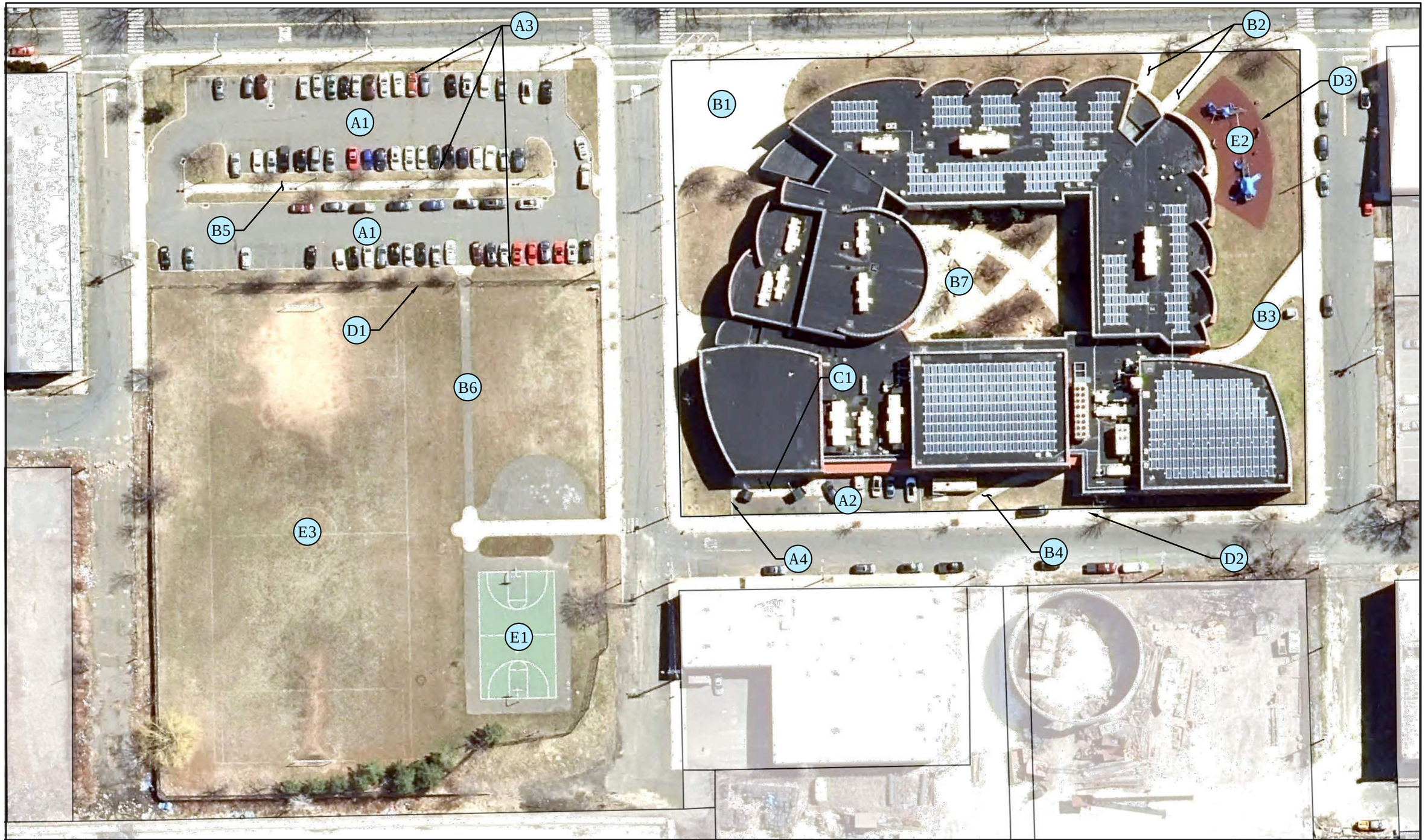
ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	North Side of School	
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	West Side of School	Maintenance Area
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of School	Maintenance Area
B.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Northeast Corner of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	Southeast Corner of School	
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	South Side of School	
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	West Side of School	
5	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	North Side of School	
6	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Northwest Side of Site	
7	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	Courtyard	
C.	**Pavement**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Concrete Pavement Deterioration by Demo & Replacement	3	Damage/ Wear	West Side of School	Dumpster Pad
D.	**G2060.20- Fences and Gates**				
1	Correct Chain Link Fence & Gates (4' High) Deterioration by Demolition & Replacement	3	Damage/ Wear	Northwest Side of Site	
2	Correct Chain Link Fence & Gates (8' High) Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	Surrounds Utilities and has Fencing on the Top Also
3	Correct Chain Link Maintenance Gate (4' High) Deterioration by Demolition & Replacement	2	Damage/ Wear	Southeast Corner of School	At Playground
E.	**G2050.10- Athletic Areas**				
1	Correct Basketball Court Finish Deterioration by Prep, Resurface, and Restripe	3	Damage/ Wear	Northwest Corner of Site	
2	Correct Playground Hard Surfacing Deterioration by Demolition and Replacement	2	Damage/ Wear	Northwest Corner of Site	Paved Play
3	Correct Soccer Field (Grass) by Regrade and Reseed	2	Damage/ Wear	Northwest Corner of Site	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016-DE\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:JOHN S. MARTINEZ SEA SCHOOL

Plotted by: JMOREHOUSE On this date: Mon, 2022, May 9 - 4:41pm



John S. Martinez Sea and Sky School

SLR

0 40 80 160 Feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Mauro-Sheridan School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Mauro-Sheridan School, New Haven, Connecticut on approximately 3.4 acres. The property is relatively flat, and the landscaping consists of trees and shrubs.

There is one parking lot to the northwest of the school and a bus drop off at the south side of the school. The paved areas are in poor to fair condition with evidence of cracking and pavement section deterioration. The paved drive isles are in fair to good condition. Sidewalk surfaces are in fair to good condition. There is minimal site lighting, and a photometric plan should be done to see where additional pole lights need to be added. Fencing is provided around the playground to the north of the school and at the lawn area to the northwest corner of the site. The fence is in good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Mauro-Sheridan Science and Tech School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

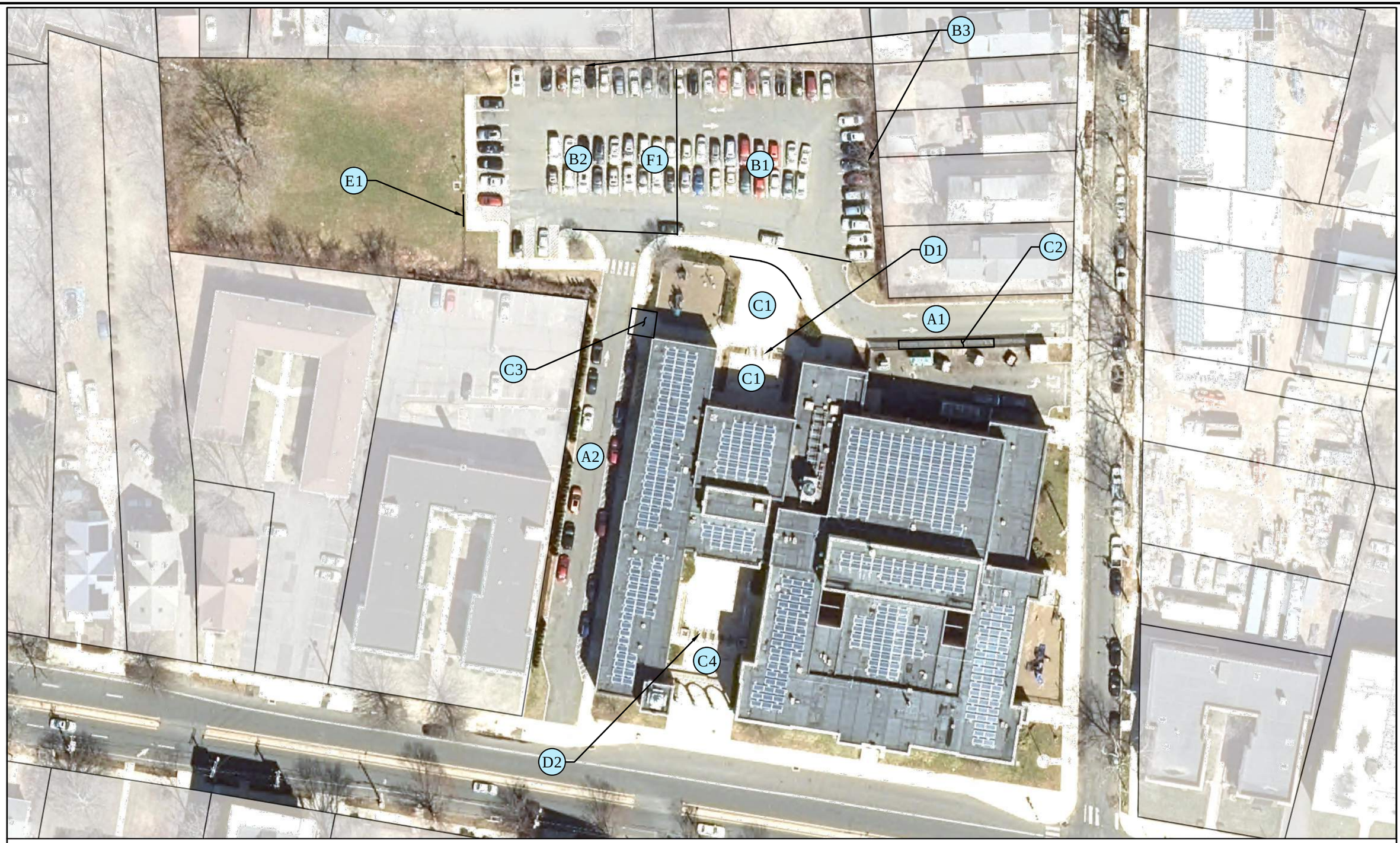
ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	North Side of School	
2	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	West Side of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill & Overlay	3	Damage/ Wear	North Side of School	
2	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	Northwest Corner of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	North Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Northwest Corner of School	
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	North Side of School	
4	Correct Concrete Sidewalk Finish Deterioration by Prep & Resurface	3	Damage/ Wear	South Side of School	Main Entrance
D.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	5 Risers
2	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	4	Useful Life	South Side of School	4 Risers
E.	**G2060.20- Fences and Gates**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Chain Link Fence Gate Only (4' High)Deterioration by Demolition and Replacement	2	Damage/ Wear	West Side of Main Parking Lot	Double Maintenance Gate
F.	**G4050- Site Lighting**				
1	Correct Pole Mounted Site Lighting by Install New	2	Security	North Side of School	Main Parking Lot

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016~DE\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:MAURO SHERIDAN SCHOOL

Plotted by: JMOREHOUSE On this date: Tue, 2022 May 10 - 1:47pm



Mauro-Sheridan Science, Technology and Communications School

SLR

0 20 40 80 Feet

1 inch equals 50 feet

N

SITE NARRATIVE & CONDITION RATING

BUILDING NAME: ***Ross Woodward Interdistrict Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Ross Woodward Interdistrict Magnet School, New Haven, Connecticut on approximately 10.6 acres. The property slopes from east to west and the landscaping consists of trees and shrubs.

There are three parking lots to the east and south of the school. There is a bus drop off to the northwest of the school and an access drive to the south. The paved areas are in poor to fair condition with evidence of cracking and pavement section deterioration. The paved drive isles are in fair to good condition. Sidewalk surfaces are in good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playgrounds. That fencing is in fair condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Ross Woodward Interdistrict Magnet School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	4	Useful Life	Northwest Side of School	Bus Loop
2	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	Northwest Side of School	Outside Bus Loop Curb
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	Southeast Side of School	
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	West Side of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of School	
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	West Side of School	
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northwest Side of School	
D.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence (4' High) Finish Deterioration by Prep and Refinish	3	Damage/ Wear	East Side of School	
2	Correct Aluminium Fence (4' High) Finish Deterioration by Prep and Refinish	3	Damage/ Wear	South Side of School	
G.	**G2050.30- Recreational Areas**				
1	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	3	Damage/ Wear	East Side of School	Poured in Place Rubber
2	Correct Playground Soft Surfacing Deterioration by Demolition and Replacement	4	Useful Life	South Side of School	Poured in Place Rubber

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_14992\SCHOOL KEY PLANS.DWG Layout: Tab:ROSS WOODWARD MAGNET SCHOOL

Plotted by: JMOREHOUSE On this date: Wed, 2022 May, 11 - 11:01am

Ross Woodward Classical Studies Interdistrict Magnet School

SLR

0 30 60 120 Feet

1 inch equals 70 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Truman Elementary School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Truman Elementary School, New Haven, Connecticut on approximately 3.9 acres. The property is relatively flat, and the landscaping consists of trees and shrubs.

There is one parking lot to the west of the school. There is a bus drop off between the school and main parking lot. The paved areas are in fair to good condition with evidence of cracking and pavement section deterioration. The paved drive isle is in fair condition. Sidewalk surfaces are in poor to good condition with varying levels of damage. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around the playground and play areas. That fencing is in fair to good condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Truman Elementary School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

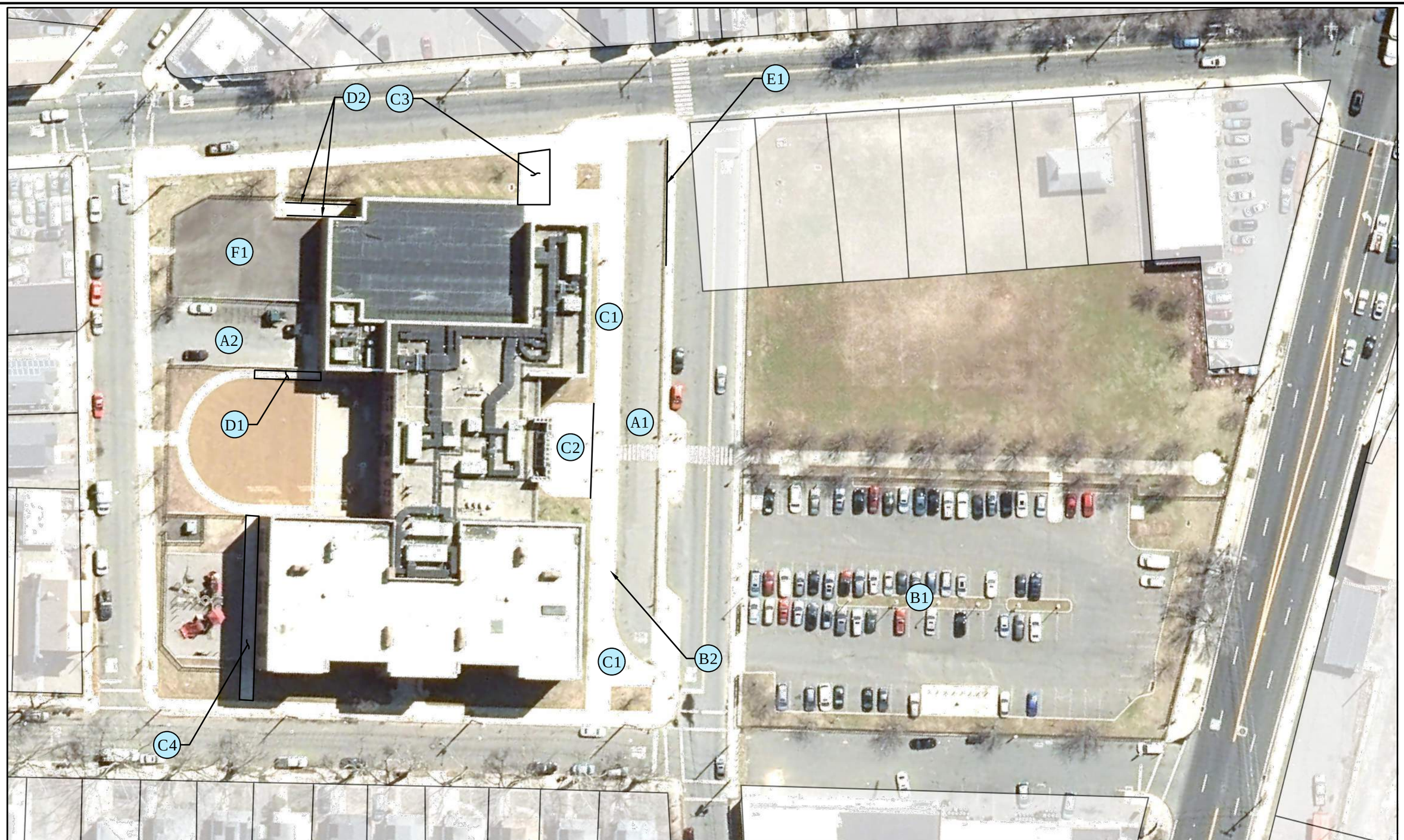
ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	Southwest Side of School	Bus Drop-Off
2	Correct Bituminous Roadway Surface Deterioration by Demolition and Replacement	2	Damage/ Wear	Northeast Side of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	Southwest Side of School	
2	Correct Parking Lot Signage Deterioration by Demolition & Replacement	2	Damage/ Wear	Southwest Side of School	(6) Signs at Bus Drop Off
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	Southwest Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Southwest Side of School	Main Entrance
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	South Side of School	
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	North Side of School	
D.	**G2030.30- Exterior Steps and Ramps**				
1	Correct Concrete Ramp Finish Deterioration by Prep & Refinish	4	Useful Life	Northeast Side of School	
2	Correct Handrail Deterioration by Demolition & Replacement	2	Damage/ Wear	East Side of School	
E.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence (4' High) Deterioration by Demolition and Replacement	2	Damage/ Wear	South Corner of School	Broken Section
F.	**G2050.50- Playfield Areas**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Playground Hard Surfacing Deterioration by Demolition and Replacement	3	Damage/ Wear	East Corner of School	Paved Play

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016-DEL\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:TRUMAN SCHOOL

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 - 11:40am



Truman School

SLR

0 20 40 80 Feet

1 inch equals 50 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Betsy Ross Arts Magnet School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Betsy Ross Arts Magnet School, New Haven, Connecticut on approximately 4.8 acres. The property slopes modestly from the east to west and the landscaping consists of trees and shrubs.

There is 1 parking lot to the west corner of the site and a bus drop off that surrounds the main parking lot. The paved areas are in poor to good condition with evidence of cracking and pavement section deterioration. The paved drive isles are in good condition. Sidewalk surfaces are in fair to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided at the north side of the school. That fencing is in poor to fair condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Betsy Ross Arts Magnet School

Discipline: Site

Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21

Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	Southwest Corner of Site	Bus Loop
2	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	3	Damage/ Wear	Southwest Corner of Site	Bus Loop
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	Center of Bus Loop	
2	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	North Side of School	Delivery/Maintenance Area
3	Correct Bituminous Parking Lot Striping Deterioration by Restripe	1	Damage/ Wear	Center of Bus Loop	
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Center of Bus Loop	
5	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	North Side of School	Delivery/Maintenance Area
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Bituminous Sidewalk Deterioration by Demo & Replacement with Alternate Material (Concrete)	2	Damage/ Wear	South Side of Site	
2	Correct Bituminous Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Northeast Corner of School	
3	Correct Bituminous Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	West Side of School	
4	Correct Bituminous Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Southwest Corner of School	
D.	**G2060.20- Fences and Gates**				

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
1	Correct Chain Link Fence (4' High) Deterioration by Demolition & Replacement	2	Damage/ Wear	North Side of School	
2	Correct Chain Link Fence Double Gate (8' High) Deterioration by Demolition & Replacement	1	Damage/ Wear	Northwest Corner of School	
E.	**G2060.60- Retaining Walls**				
1	Correct Concrete Retaining Wall Deterioration by Demolition and Replacement	2	Damage/ Wear	Northwest Corner of Site	Modular Block
F.	**G1010.30- Tree and Shrub Removal and Trimming**				
1	Correct Tree Major Deterioration by Demolition and Replacement in Kind	1	Damage/ Wear	East Side of School	Dead Tree
2	Correct Shrub Overgrowth by Trimming	2	Function/ Functional	West Side of School	Clear Vegetation Off Existing Ramp

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:BETSY ROSS ARTS MAGNET

Plotted by: JMOREHOUSE On: this date: Fri, 2022 March 4 – 12:50pm

Betsy Ross Arts Magnet School

SLR

0 25 50 100 Feet

1 inch equals 60 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Hill Regional Career High School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Hill Regional Career High School, New Haven, Connecticut on approximately 5.3 acres. The property slopes mildly from the south to north and the landscaping consists of trees and shrubs.

There are 2 parking lots to the east and west sides of the school. There's a bus drop off south of the school. The paved areas are in poor condition with evidence of heavy cracking and pavement section deterioration. The paved drive isle is in poor to fair condition. Sidewalk surfaces are in poor to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided along the south property line. That fencing is in fair condition but is not the responsibility of the school. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Poor
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Hill Regional Career High School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

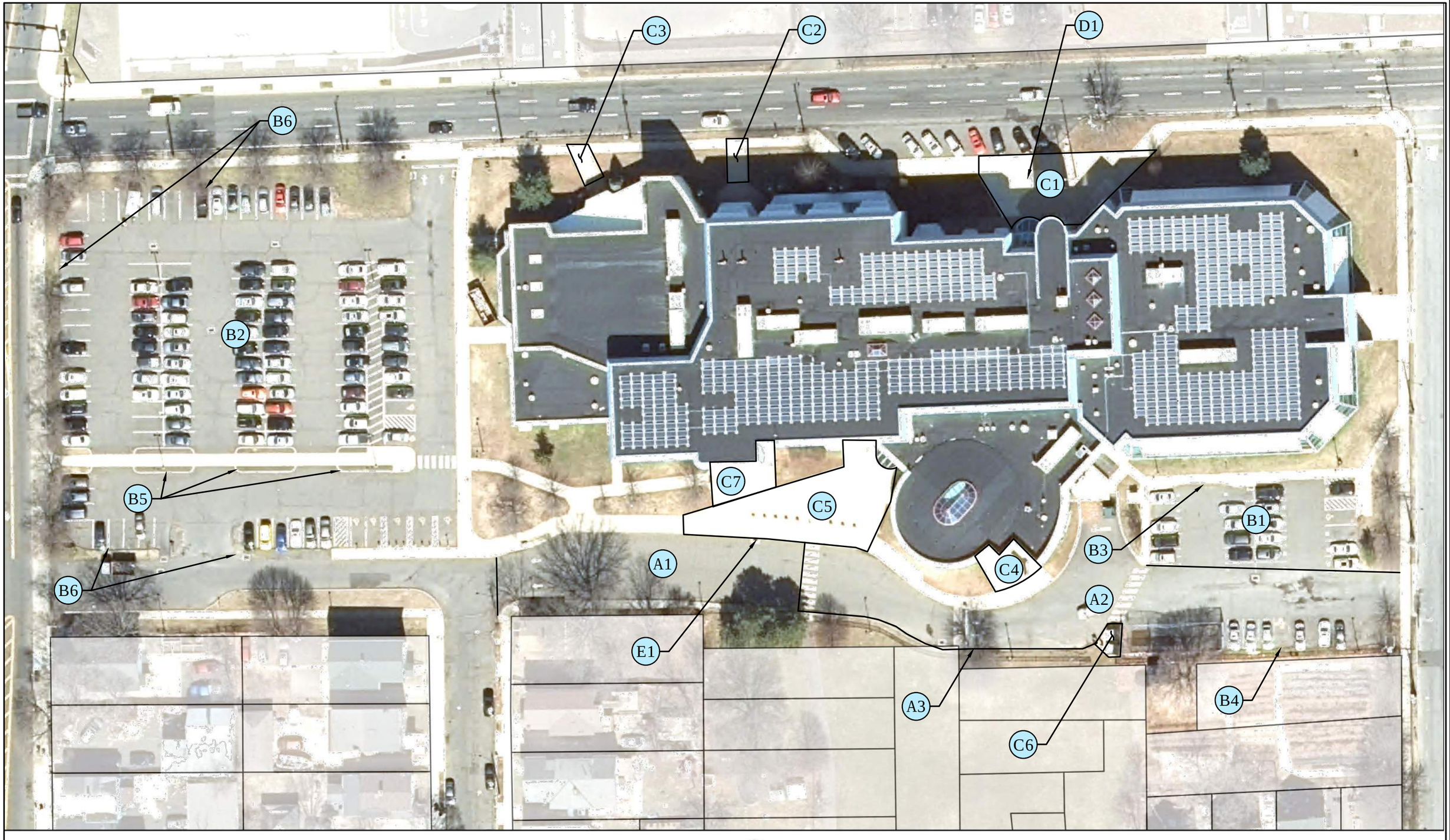
ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	South Side of School	
2	Correct Bituminous Roadway Surface Deterioration by Full Depth Replacement	2	Damage/ Wear	South Side of School	
3	Correct Roadway Curb (Concrete) Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	Southeast Corner of Site	
2	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	West Side of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	Southeast Corner of Site	
4	Correct Parking Lot Curb Deterioration by Replacement with Alternate Material (Concrete)	3	Damage/ Wear	Southeast Corner of Site	Currently Bituminous Concrete
5	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	West Side of School	
6	Correct Parking Lot Curb Deterioration by Replacement with Alternate Material (Concrete)	2	Damage/ Wear	West Side of School	Currently Bituminous Concrete
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	North Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	North Side of School	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	North Side of School	Legion Ave. Main Entrance
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	South Side of School	
5	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	South Side of School	Main Entrance
6	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	South Side of School	
7	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	South Side of School	
D.	**G4050- Site Lighting**				
1	Correct Bollard Light Deterioration by Demolition & Replacement	2	Damage/ Wear	North Side of School	
E.	**G3030.40- Site Storm Water Drains**				
1	Correct Catch Basin Deterioration by Demolition and Replacement	2	Damage/ Wear	South Side of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout: Tab:HILL REGIONAL HS

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:26pm



Hill Regional Career High School

SLR

0 20 40 80 Feet

1 inch equals 50 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Cooperative Arts & Humanities High School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Cooperative Arts & Humanities High School, New Haven, Connecticut on approximately 1.6 acres. The property is flat and there is no landscaping.

There are no parking lots on site. There's a bus drop off to the east of the school. The paved drive isle is in poor condition. Sidewalk surfaces are in good condition. There are some stair sets that need replacement as well as some handrails that need to be painted. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	Good

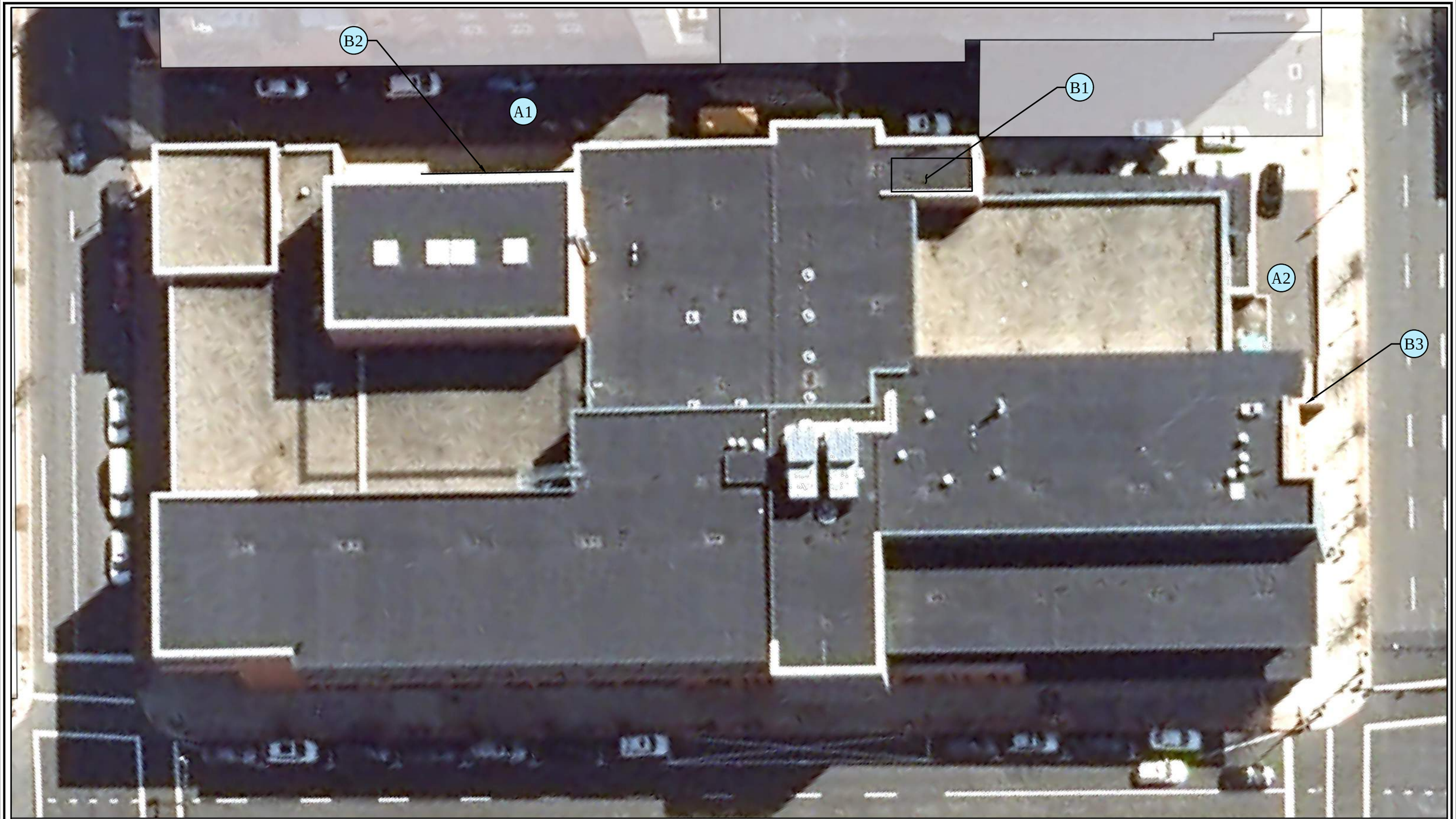
NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Cooperative Arts & Humanities High School
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Demolition & Replacement	2	Damage/ Wear	East Side of School	
2	Correct Bituminous Roadway Surface Deterioration by Demolition & Replacement	2	Damage/ Wear	Southeast Corner of School	Loading Dock Approach
B.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Wood Above Grade Stair Deterioration by Demolition & Replacement with Alternate Product (Concrete	1	Damage/ Wear	East Side of School	Wood Stairs are Falling Apart. 9 Risers. Safety Hazard
2	Correct Handrail Deterioration by Prep & Refinish	2	Damage/ Wear	North Side of School	Paint Only
3	Correct Handrail Deterioration by Demolition & Replacement	2	Damage/ Wear	South Side of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle



Cooperative Arts & Humanities High School

SLR

0 12.5 25 50 Feet

1 inch equals 25 feet

N

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout Tab:COOPERATIVE ARTS HS

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 – 12:53pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***James Hill House High School***

Site Systems & Amenities

Property-Wide Narrative

The property is located at James Hill House High School, New Haven, Connecticut on approximately 11.2 acres. The property slopes heavily from the north to south and the landscaping consists of trees and shrubs.

There are 2 parking lots to the north and south of the school. The paved areas are in poor to fair condition with evidence of cracking and pavement section deterioration. The paved drive isles are in fair condition. Sidewalk surfaces are in poor to good condition with varying levels of damage. There are several stair sections located across the campus. The stairs are in fair to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided around an outdoor plaza space to the northwest side of the school. That fencing is in poor condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Fair

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: James Hillhouse High School
Discipline: Site
Assessor Name: Jason Morehouse

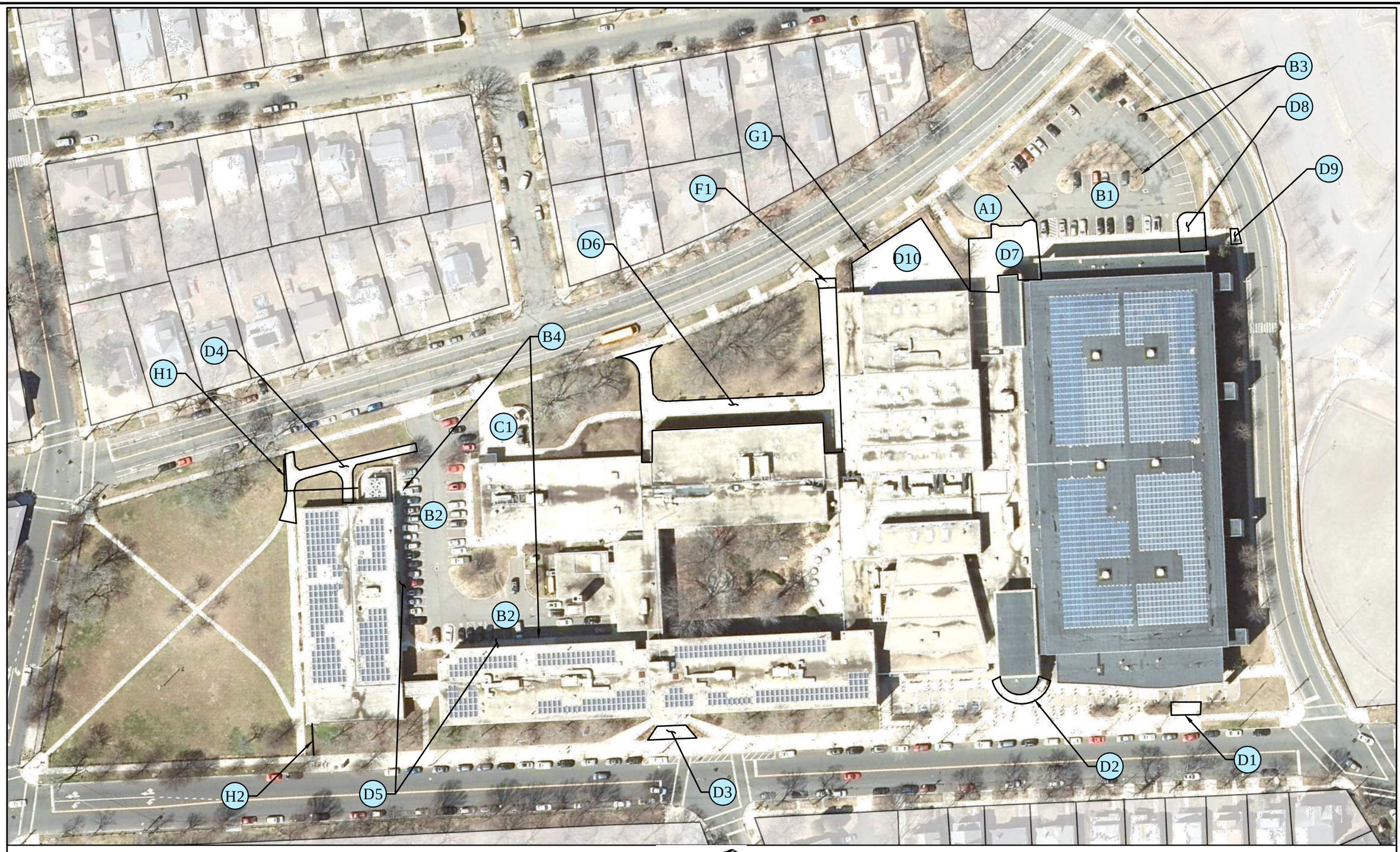
Date Assessed: 23-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	Northwest Corner of School	
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	Northwest Corner of School	
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	South Side of Site	Interior Parking Lot
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	Northwest Corner of School	
4	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	South Side of Site	Interior Parking Lot
C.	**Concrete Paving**				
1	Correct Concrete Paving Deterioration by Demolition & Replacement	2	Damage/ Wear	West Side of School	Dumpster Pad
D.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	East Side of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	East Side of School	
3	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	East Side of School	
4	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	Southwest Corner of School	
5	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	South Side of Site	Interior Parking Lot
6	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	West Side of Site	
7	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	West Side of School	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
8	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Northwest Corner of School	
9	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northwest Corner of School	
10	Correct Concrete Unit Pavers Deterioration by Demolition & Replacement	2	Damage/ Wear	West Side of School	
F.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Above Grade Stair Deterioration by Demolition & Replacement	3	Damage/ Wear	West Side of School	5 Risers
2	Correct Handrail Deterioration by Demolition & Replacement	1	Damage/ Wear	West Side of School	No Rails on Existing Stairs
3	Correct Handrail Deterioration by Demolition & Replacement	3	Damage/ Wear	East Side of School	
G.	**G2060.20- Fences and Gates**				
1	Correct Aluminium Fence and Gate (6' High) Deterioration by Demolition and Replacement.	2	Damage/ Wear	Northwest Side of School	(2) Gates
H.	**G2020.40- Parking Lot Appurtenances**				
1	Correct Timber Guiderail Deterioration by Demolition and Replacement	3	Damage/ Wear	Southwest Corner of Site	
2	Correct Timber Guiderail Deterioration by Demolition and Replacement	3	Damage/ Wear	Southeast Corner of Site	
I.	**G1010.30- Tree and Shrub Removal and Trimming**				
1	Correct Shrub Overgrowth by Trimming	2	Function/ Functional	Southwest Corner of Site	Poured in Place Rubber

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_1856\SCHOOL KEY PLANS.DWG Layout: forJAMES HILL HOUSE HS
Plotted by: JMOREHOUSE On this date: Wed, 2022 May 18 - 3:47pm



James Hillhouse High School

SLR

0 37.5 75 150 Feet
1 inch equals 80 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***High School in the Community***

Site Systems & Amenities

Property-Wide Narrative

The property is located at High School in the Community, New Haven, Connecticut on approximately 2.7 acres. The property is slopes minimally from north to south. The landscaping consists of trees and shrubs.

There is 1 parking lot to the south side of the school. The paved areas are in fair condition with some evidence of cracking and pavement section deterioration. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Fencing is provided along the east and north sides of the site. That fencing is in poor condition. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Poor

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

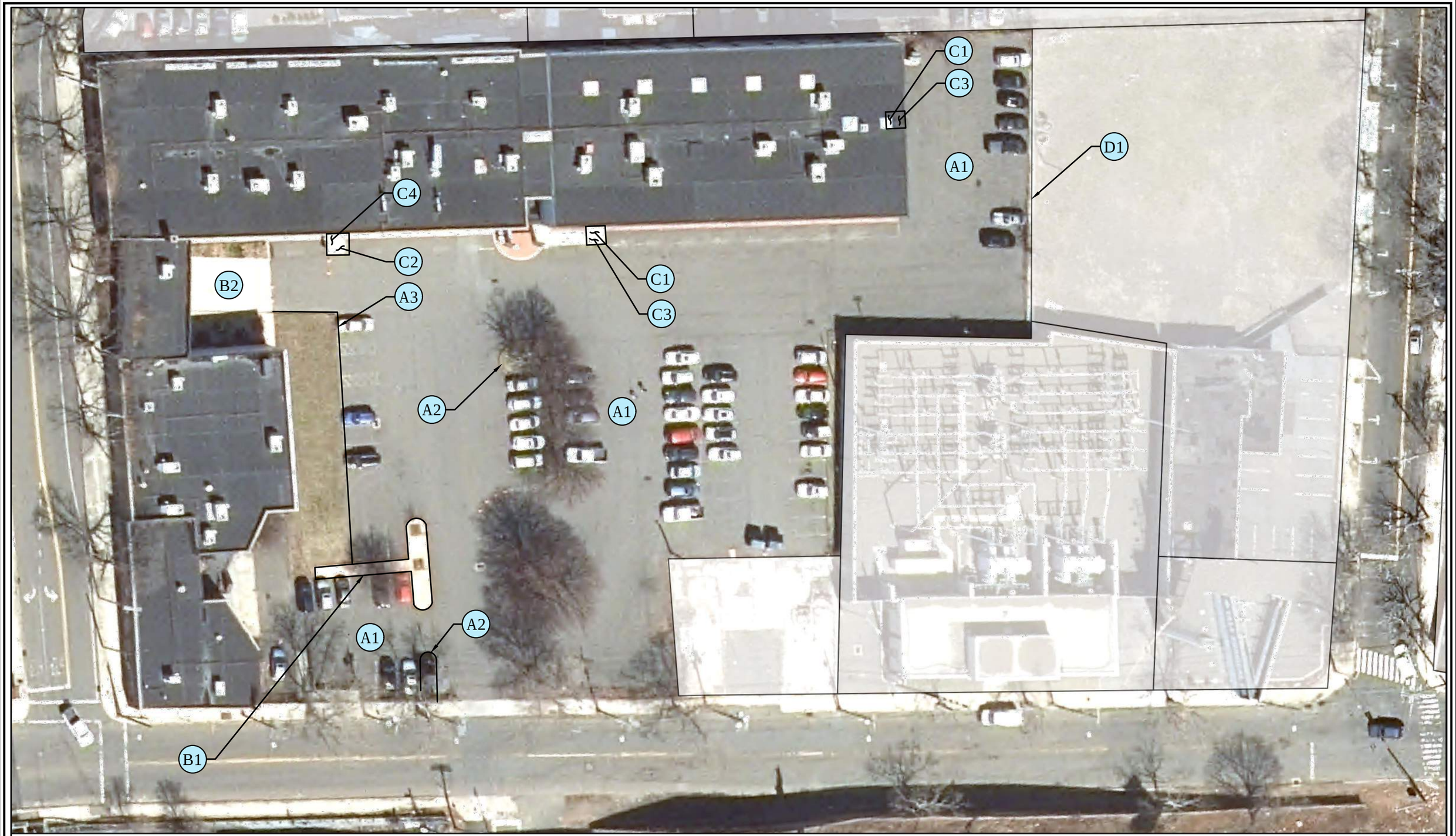
Building Name: High School in the Community
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Restoration & Overlayment	3	Damage/ Wear	Southeast Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	3	Damage/ Wear	Island at Center of Main Parking	Bituminous Curb
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	West Edge of Main Parking	Bituminous Curb
B.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Mill and Overlay	3	Damage/ Wear	Southwest Corner of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	4	Useful Life	Main Entrance	
C.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Concrete Ramp Deterioration by Demolition & Replacement	2	Damage/ Wear	South & East Sides of School	
2	Correct Concrete Ramp Deterioration by Demolition & Replacement	3	Damage/ Wear	Southwest Side of School	
3	Correct Handrail Deterioration by Demolition & Replacement	2	Damage/ Wear	South & East Sides of School	Both Sides of Ramp.
4	Correct Handrail Deterioration by Demolition & Replacement	3	Damage/ Wear	Southwest Side of School	Both Sides of Ramp.
D.	**G2060.20- Fences and Gates**				
1	Correct Chain Link Fence (6' High) Deterioration by Demolition & Replacement	1	Damage/ Wear	Along East Property Line	

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			PRIORITY	TIMELINE	EXPLANATION
			1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
			2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_27208\SCHOOL KEY PLANS.DWG Layout Tab:HS IN THE COMMUNITY



High School in the Community

SLR

0 20 40 80 Feet

1 inch equals 40 feet

N

Plotted by: JMOREHOUSE On this date: Fri, 2022 March 4 - 12:25pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Metropolitan Business Academy***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Metropolitan Business Academy, New Haven, Connecticut on approximately 3.5 acres. The property is relatively flat and the landscaping consists of trees and shrubs.

There is one parking lot to the north of the school. The paved areas are in fair to good condition with minimal evidence of cracking and pavement section deterioration. The paved drive isles are in good condition. Sidewalk surfaces are in poor to good condition. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Metropolian Business Academy
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 25-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	3	Damage/ Wear	Northeast Corner of School	
2	Correct Bituminous Parking Lot Deterioration by Mill and Overlay	4	Useful Life	North and East Side of School	
3	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	Northeast Corner of School	
B.	**G2030.10- Exterior Steps and Ramps**				
1	Correct Handrail Deterioration by Prep & Repaint	2	Damage/ Wear	Southwest Corner of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

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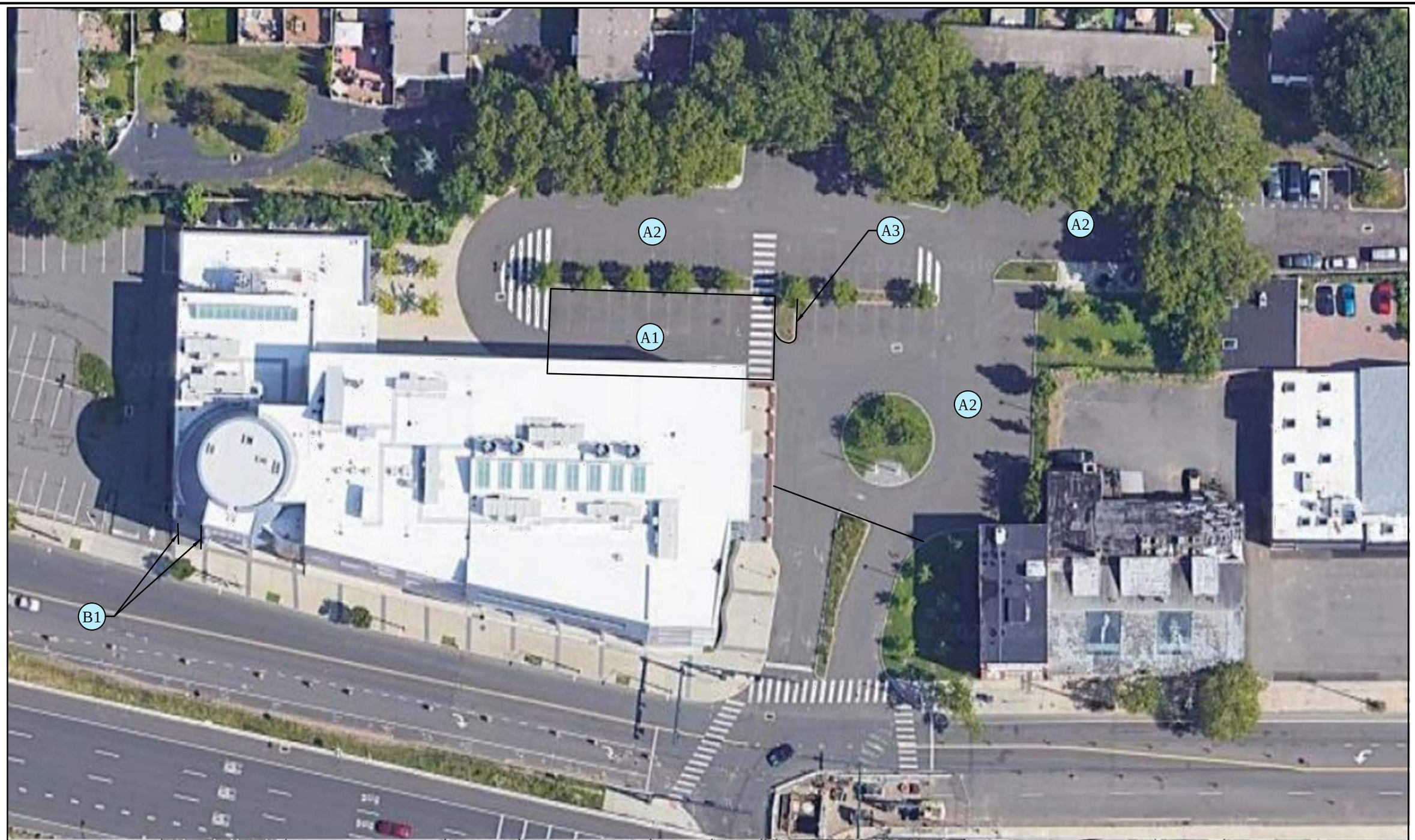

METROPOLITAN BUSINESS ACADEMY

SLR

0 25 50 100 Feet
1 inch equals 60 feet

N

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 - 2:35pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***New Haven Academy***

Site Systems & Amenities

Property-Wide Narrative

The property is located at New Haven Academy, New Haven, Connecticut on approximately .9 acres. The property relatively flat with no landscaping.

There one small parking lot at the center of the school. The paved areas are in good condition with no evidence of cracking and pavement section deterioration. Sidewalk surfaces are in poor to good condition with areas of damage. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: New Haven Academy
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	G2030.10- Pedestrian Pavement				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Southeast Corner of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

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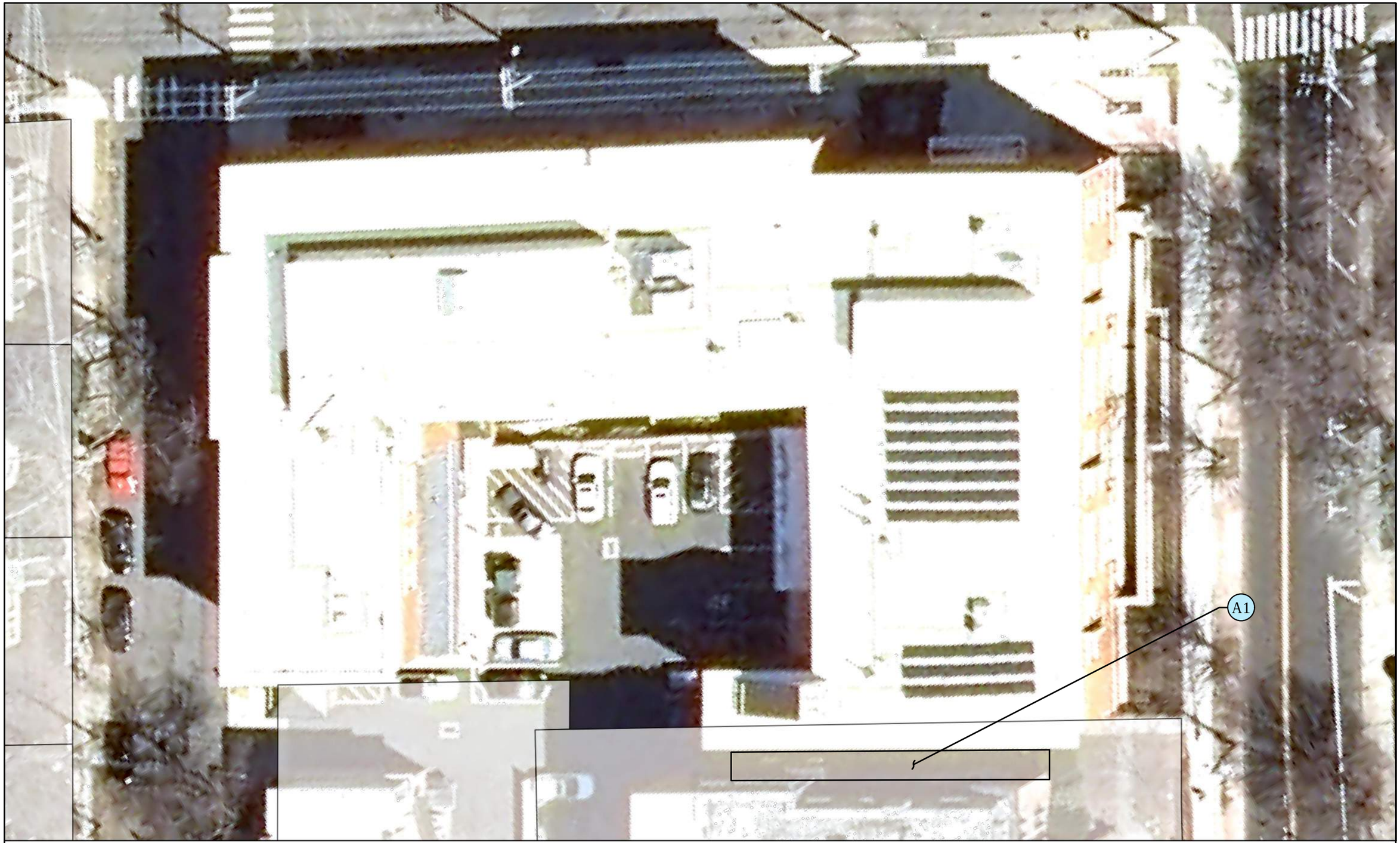
Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 – 2:40pm



New Haven Academy

SLR

0 10 20 40 Feet

1 inch equals 20 feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Riverside Education Academy***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Riverside Education Academy, New Haven, Connecticut on approximately 1.1 acres. The property slopes from the southwest to northeast and the landscaping consists of trees and shrubs.

There is 1 parking lot to the east of the school. The paved areas are in poor condition with evidence of heavy cracking and pavement section deterioration. Sidewalk surfaces are in fair condition with areas of damage. There is no site lighting on site and a photometric plan should be done to see where lights should be placed. Fencing is provided along the east and north property lines. That fencing is in fair condition and belong to the adjacent properties. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Poor
Site Amenities	N/A

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Riverside Education Academy
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	East Side of School	
2	Correct Parking Lot Curb Deterioration by Demolition & Replacement	2	Damage/ Wear	East Side of School	
B.	**Concrete Paving**				
1	Correct Concrete Paving Deterioration by Install New	2	Damage/ Wear	North Side of School	Install New Dumpster Pad
C.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Southeast Corner of School	
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Wraps Northeast Corner of School	
D.	**G2060.60- Retaining Walls**				
1	Correct Wood Retaining Wall Deterioration by Demolition and Replacement.	2	Damage/ Wear	Southwest Corner of School	
E.	**G4050- Site Lighting**				
1	Correct Pole Mounted Site Lighting by Install New	2	Damage/ Wear	East Side of School	No Pole Lights in Parking Lot

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016~DE\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:RIVERSIDE ACADEMY

Riverside Academy

SLR

0 12.5 25 50 Feet
1 inch equals 25 feet

N

Plotted by: JMOREHOUSE On this date: Wed, 2022, May, 11 - 4:12pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Sound School- Anderson Building***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Sound School- Anderson Building, New Haven, Connecticut on approximately .4 acres. The property is relatively flat and there is minimal landscaping.

There is no parking on site, there is a small driveway. The paved area is in poor condition with evidence of heavy cracking and pavement section deterioration. A sidewalk surface needs to be installed to the stairs on the east side of the building. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	N/A

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Sound School- Anderson Building

Discipline: Site

Assessor Name: Jason Morehouse

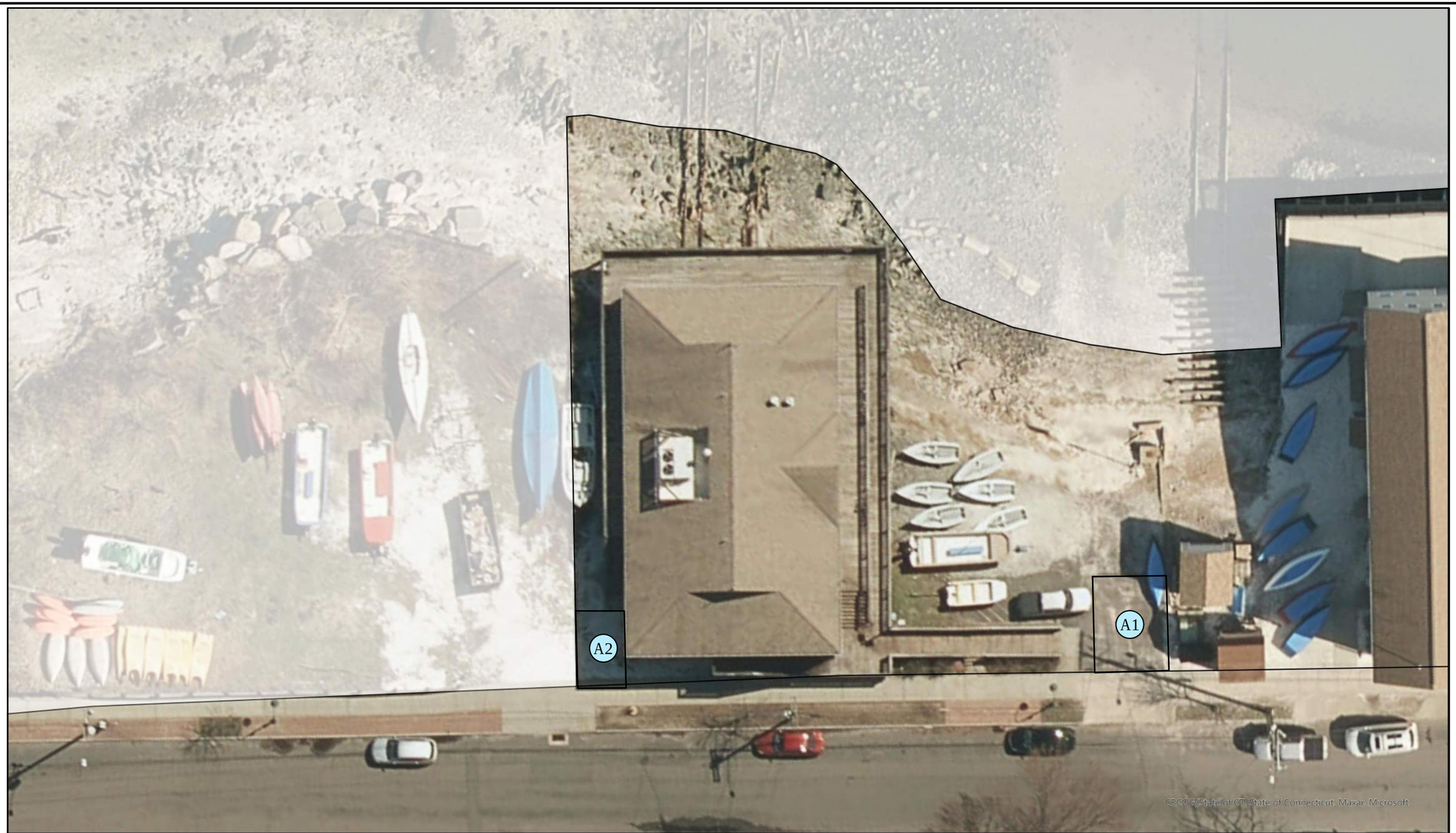
Date Assessed: 20-Aug-21

Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Driveway Deterioration by Demolition and Replacement	2	Damage/ Wear	West Corner of Site	
B.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Install New	2	Damage/ Wear	North Corner of School	Add Walk to Stairs

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: W:\CAD\DESIGN\14847.00016-DET\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:SOUND SCHOOL - ANDERSON



Sound School - ANDERSON BUILDING

SLR

0 15 30 60 Feet

N

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 - 12:10pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Sound School Aquaculture***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Sound School Aquaculture, New Haven, Connecticut on approximately 2.3 acres. The property is relatively flat and the landscaping consists of trees and shrubs.

There is one parking lot to the west of the school and a drop off circle also to the west side of the school. The paved areas are in poor condition with evidence of cracking and pavement section deterioration. The paved drive isle is in fair condition. Sidewalk surfaces are in fair to good condition. The concrete pavers to the south of the school have significant color wear. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Also, there are two damaged poles that need to be replaced. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Fair
Site Amenities	Good

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Sound School Aquaculture
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2010- Roadways**				
1	Correct Bituminous Roadway Surface Deterioration by Overlay	3	Damage/ Wear	Southwest Corner of Site	Drive Circle
B.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Full Depth Replacement	2	Damage/ Wear	West Side of School	
C.	**Pavement**				
1	Correct Concrete Pavement Deterioration by Demo & Replacement	3	Damage/ Wear	North Side of School	Dumpster Pad
D.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Unit Paver Deterioration by Demo & Replacement	3	Damage/ Wear	South Side of School	Color Worn Off on Pavers
E.	**G2060.85- Site Specialties**				
1	Correct Steel Protection Bollard Deterioration by Demolition & Replacement	2	Damage/ Wear	North Side of School	(3) Bollards
F.	**G4050- Site Lighting**				
1	Correct Pole Mounted Site Lighting Deterioriation by Demolition and Replacement	2	Damage/ Wear	Southwest Corner of School	
2	Correct Pole Mounted Site Lighting by Install New	2	Damage/ Wear	West Side of School	Only (2) Pole Lights in Parking Lot

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
			3	3-5 years	Fair- Normal Wear for the Age.
			4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Sound School Aquaculture

SLR

0 20 40 80 Feet
1 inch equals 40 feet

N

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_1864\SCHOOL KEY PLANS.DWG Layout: Tab:SOUND SCHOOL AQUACULTURE
Plotted by: JMOREHOUSE On this date: Wed, 2022, May, 18 - 10:03am

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Sound School- Emerson Building***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Sound School- Emerson Building, New Haven, Connecticut on approximately .4 acres. The property is relatively flat and there is minimal landscaping.

There is one parking lot to the west of the building. The paved areas are in poor condition with evidence of cracking and pavement section deterioration. Sidewalk surfaces are in poor to good condition with varying levels of damage. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	N/A

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Sound School- Emerson Building
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Gravel Parking Lot Deterioration by Demolition & Replacement with Alternate Material (Bituminous)	2	Damage/ Wear	Southwest Side of School	
2	Correct Concrete Parking Lot Deterioration by Demolition & Replacement with Alternate Material (Bituminous)	2	Damage/ Wear	Southwest Side of School	Accessible Spaces are Concrete Currently
3	Correct Parking Lot Curb Deterioration by Install New (Concrete)	2	Damage/ Wear	Southwest Side of School	No Curbs Currently
B.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	West Side of School	
C.	**G4050- Site Lighting**				
1	Correct Pole Mounted Site Lighting Deterioriation by Demolition and Replacement	1	Damage/ Wear	Southwest Side of School	(1) Broken Pole Light

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

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Sound School - Emmerson Building

SLR

0 15 30 60 Feet

N

Plotted by: JMOREHOUSE On: this date: Wed, 2022, May, 11 - 12:19pm

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Sound School- McNeil Building***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Sound School- McNeil Building, New Haven, Connecticut on approximately .32 acres. The property is relatively flat and there is minimal landscaping.

There is one parking lot to the north of the building. The paved area is in fair condition with evidence of cracking and pavement section deterioration. Sidewalk surfaces are in poor to good condition with varying levels of damage. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	N/A

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Sound School- McNeil Building
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Bituminous Parking Lot Deterioration by Demolition & Replacement	3	Damage/ Wear	Northwest Side of School	
B.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	Northwest Side of School	Bottom of Front Stairs
2	Correct Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	North Corner of School	
2	Correct Bituminous Concrete Sidewalk Deterioration by Demo & Replacement	2	Damage/ Wear	North Corner of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

Drawing: C:\USERS\JASONM\APPDATA\LOCAL\TEMP\ACPUBLISH_14992\SCHOOL KEY PLANS.DWG Layout Tab:SOUND SCHOOL – MCNEIL

Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 – 12:27pm

Sound School - McNeil Building

SLR

0 15 30 60 Feet

N

SITE NARRATIVE & CONDITION RATING
BUILDING NAME: ***Sound School- Thomas Building***

Site Systems & Amenities

Property-Wide Narrative

The property is located at Sound School- Thomas Building, New Haven, Connecticut on approximately .4 acres. The property is relatively flat and there is minimal landscaping.

There is no parking on site, but there is a driveway which should be converted to bituminous concrete. Sidewalk surfaces are in fair to good condition with varying levels of damage. Site lighting seems to be adequate, but a photometric plan should be done to see where deficiencies exist. Storm water from the roofs, landscaped areas, and paved areas flows into on site inlets and catch basins with underground piping connected to the municipal storm water management system.

Sanitary sewer and the storm water sewer are provided by the City of New Haven. Domestic water is supplied by the City of New Haven and electrical service is supplied by Eversource.

System Condition Ratings

Overall System Condition Rating
(Indicate Good / Fair / Poor)

Site Conditions	Good
Site Amenities	N/A

NEW HAVEN LONG-RANGE FACILITIES PLANNING STUDY - SITE ASSESSMENT MATRIX

Building Name: Sound School- Thomas Building
Discipline: Site
Assessor Name: Jason Morehouse

Date Assessed: 20-Aug-21
Date Submitted: 18-May-22

ITEM	CORRECTION	PRIORITY	REASON	LOCATION	NOTES
A.	**G2020- Parking Lots**				
1	Correct Driveway Deterioration by Demolition & Replacement with Alternate Material (Bituminous)	2	Damage/ Wear	North Side of School	Current Driveway is Crushed Sea Shells
B.	**G2030.10- Pedestrian Pavement**				
1	Correct Concrete Sidewalk Deterioration by Demo & Replacement	3	Damage/ Wear	Southwest Side of School	
C.	**G2060.85- Site Specialties**				
1	Correct Steel Protective Bollard Deterioration by Demolition & Replacement	2	Damage/ Wear	North Side of School	

PRIORITY	TIMELINE	EXPLANATION
1	Immediately	Critical- Extremely Worn or Damaged. Replace Immediately (Life Safety)
2	1-2 years	Worn- Showing Moderate Damage and Wear. Nearing the end of it's Life Cycle
3	3-5 years	Fair- Normal Wear for the Age.
4	6-10 years	Good- Little Visable Wear. At the Beginning of it's Life Cycle

SOUND SCHOOL- THOMAS BUILDING

SLR

0 20 40 80 Feet
1 inch equals 40 feet

N

Drawing: W:\CAD\DESIGN\14847.00016-DE\CAD\SCHOOL KEY PLANS.DWG Layout: Tab:SOUND SCHOOL- THOMAS
Plotted by: JMOREHOUSE On this date: Wed, 2022 May 11 - 12:32pm