

Build BPS

Welcome to the Warren-Prescott School

March 9, 2016



**BOSTON
PUBLIC
SCHOOLS**
SY 2015 - 2016



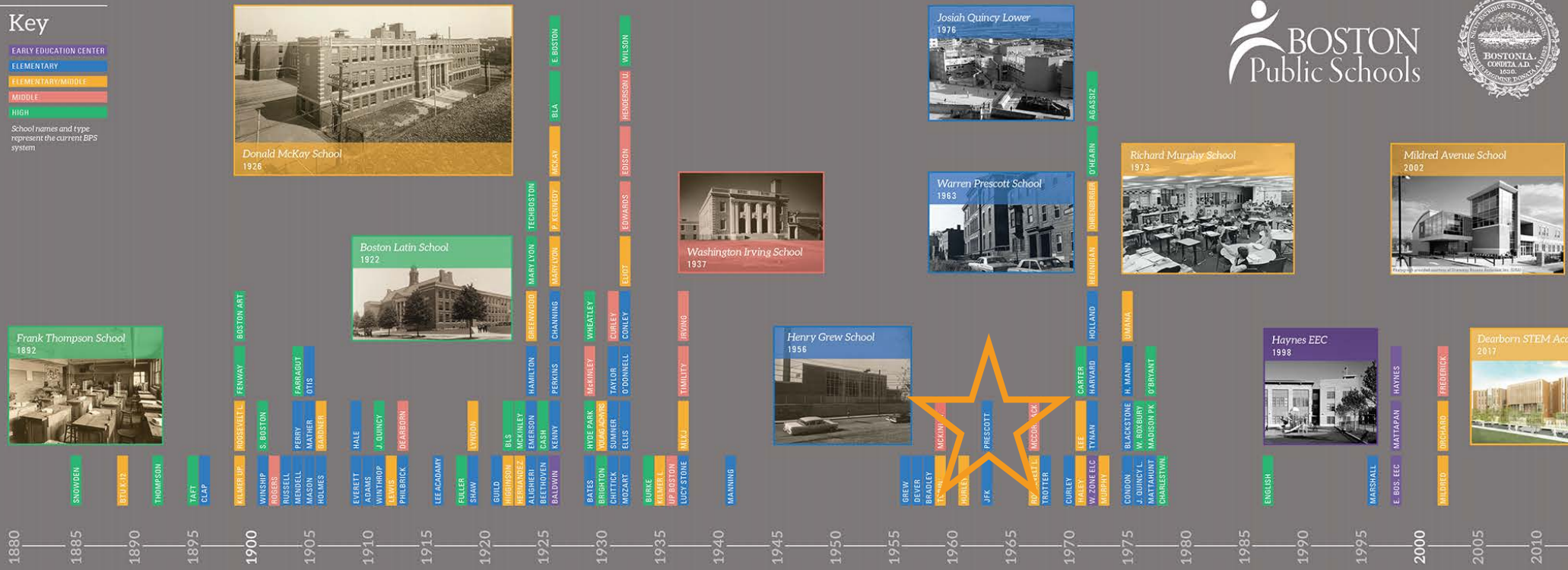
BPS Timeline



Key

- EARLY EDUCATION CENTER
- ELEMENTARY
- ELEMENTARY/MIDDLE
- MIDDLE
- HIGH

School names and type represent the current BPS system



Build BPS

Boston Public Schools
Building History



Building Boston's Public Schools, One Story at a Time

SMMA

Agenda



Introductions

10 Year Facility and Educational Masterplan

Phase II Process

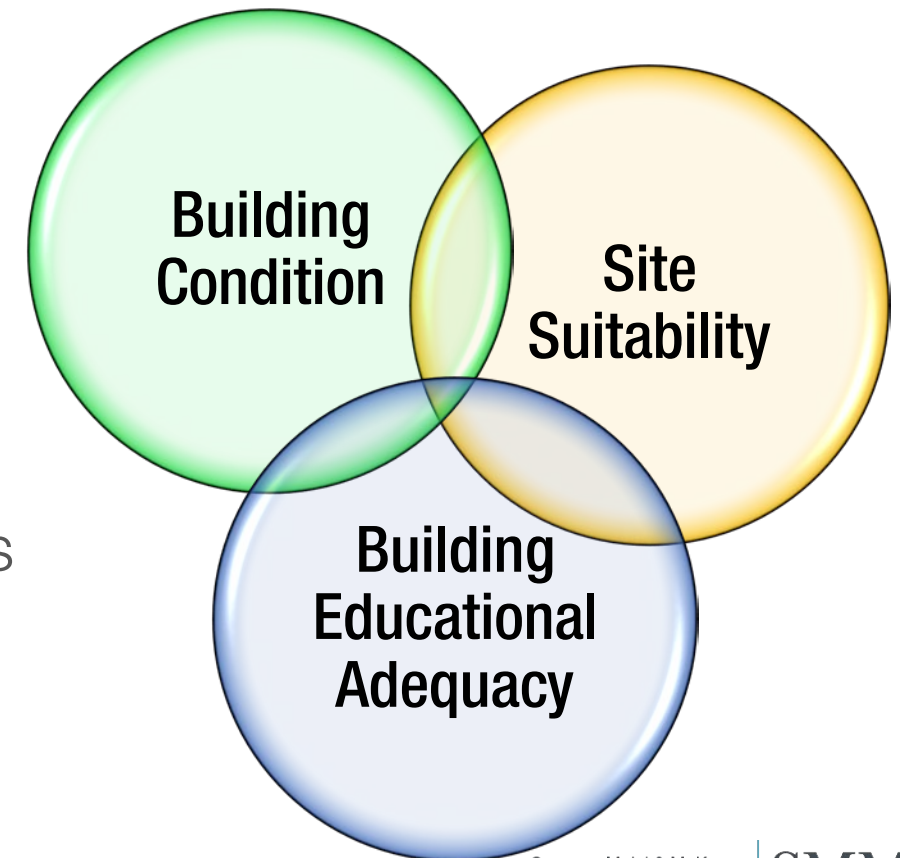
Physical Analysis Report

Educational Program Assessment Report

21st Century Educational Concepts & Spaces

Site and Neighborhood Discussion

Next Steps and Q&A



What's in the study?



- Demographics
- Facility Assessments
- Educational Adequacy Assessments
- Community Engagement
- Financial Planning

Community Outreach



- Survey
 - Parents
 - Teachers
 - Staff
 - Students
- Tool Kit for Each School (competitive)
- Neighborhood Discussion
- Community wide Engagement (by program)
 - Elementary School
 - Middle School
 - High School
- August: Superintendent's City Wide Event

What Assessments are ***NOT*** for



NOT rating the educational programs

NOT rating the educational performance of the schools

NOT rating the teachers of the school

NOT rating the community or neighborhood “*value*”

Facility Physical Assessment



Building and site investigations by professionals:

- Architect (Educational designer)

- Structural Engineer

- MEP Engineer

- Civil Engineer

10 Year Facility and Educational Masterplan

Criteria Evaluation Form

SCHOOL NAME: Warren / Prescott Elementary School

ID#: 350346

HISTORICAL BUILDING NAME: Warren / Prescott

SCHOOL ENROLLMENT: 542

BUILDING ENROLLMENT: 486

SITE VISIT DATE: 4/23/89

SCHOOL NAME: Warren / Prescott Elementary School

ID#: 350346

HISTORICAL SCHOOL NAME: Warren / Prescott

SITE VISIT DATE: 4/23/89

1 | Facility Evaluation Criteria

Physical Analysis:

Major investments in the last 20 years? (> \$5 Mil)

Rating Category
☒ Excellent ☒ Good ☐ Fair ☐ Poor ☐ Failing

☐ YES ☐ NO COMMENT: _____

Roof:

- Membrane
- Space on roof for solar

NEEDS ☐ Minor ☒ Moderate ☐ Major ☐ Replace ☐ N/A
☐ YES ☐ NO COMMENT: _____

Façade

NEEDS ☐ Minor ☒ Moderate ☐ Major ☐ Replace ☐ N/A

Windows

NEEDS ☐ Minor ☐ Moderate ☐ Major ☒ Replace ☐ N/A

Boilers

NEEDS ☒ Minor ☐ Moderate ☐ Major ☐ Replace ☐ N/A

Heating Distribution Systems

NEEDS ☒ Minor ☐ Moderate ☐ Major ☐ Replace ☐ N/A

Ventilation Distribution Systems

NEEDS ☐ Minor ☐ Moderate ☐ Major ☐ Replace ☒ N/A

Electrical Service

NEEDS ☐ Minor ☐ Moderate ☐ Major ☒ Replace ☐ N/A

Existing Photovoltaics

☐ YES ☒ NO COMMENT: _____

Life Safety:

- Means of Egress
- Fire Protection (sprinklers)
- Fire Alarm

NEEDS ☒ Minor ☐ Moderate ☐ Major ☐ Replace ☐ N/A
 NEEDS ☐ Minor ☐ Moderate ☒ Major ☐ Replace ☐ N/A
 NEEDS ☒ Minor ☐ Moderate ☐ Major ☐ Replace ☐ N/A

Security:

- Entry Sequence

NEEDS ☐ Minor ☒ Moderate ☐ Major ☐ Replace ☐ N/A

Lighting Quantity/Control

NEEDS ☐ Minor ☒ Moderate ☐ Major ☐ Replace ☐ N/A

Toilets & Fixtures

NEEDS ☒ Minor ☐ Moderate ☐ Major ☐ Replace ☐ N/A

Plumbing Distribution Systems

NEEDS ☒ Minor ☐ Moderate ☐ Major ☐ Replace ☐ N/A

Accessibility

NEEDS ☐ Minor ☐ Moderate ☐ Major ☒ Replace ☐ N/A

Structural System:

Signs of Deterioration:

- Roof
- Floor
- Walls/Columns
- Foundations
- Façade

☐ YES ☒ Not Observed COMMENT: _____
☐ YES ☒ Not Observed COMMENT: _____
☒ YES ☐ Not Observed COMMENT: Significant crack in stairwell, major
☐ YES ☒ Not Observed COMMENT: _____
☒ YES ☐ Not Observed COMMENT: Spalled concrete on exterior column
☐ YES ☒ Not Observed COMMENT: _____

Is the lateral system identifiable?

☐ YES ☒ Not Observed COMMENT: _____

Overall Building Condition

☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Failing

Community:

Mass Historical Commission Status:

- Inventory of Historic Assets
- State Register of Historic Places

☐ Listed ☒ Not Listed COMMENT: _____
☐ Listed ☒ Not Listed COMMENT: _____

Emergency Shelter

☐ YES ☐ NO COMMENT: _____

Community Use Spaces

☐ YES ☐ NO COMMENT: _____

Community Building Rating

☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Failing

Building suitability for school use?

☐ YES ☐ NO COMMENT: _____

2 | Site Evaluation Criteria

Physical Analysis:

Is the site susceptible to climate change?

☐ YES ☒ NO BY 2100 ☐ YES ☒ NO

Major investments in the last 10 years? (> \$5 Mil)

☐ YES ☒ NO COMMENT: _____

Is the building expandable on current site?

☐ YES ☒ NO COMMENT: _____

Is the site expandable?

☐ YES ☒ NO COMMENT: _____

Parking Quality

NEEDS BY 2050 ☐ Minor ☐ Moderate ☒ Major ☐ Replace ☐ N/A

Neighborhood Streets

NEEDS ☐ Minor ☒ Moderate ☐ Major ☐ Replace ☐ N/A

Drop Off/Pick Up Routes

NEEDS ☒ Minor ☐ Moderate ☐ Major ☐ Replace ☐ N/A

Walkways/Curbs/Sidewalks

NEEDS ☐ Minor ☐ Moderate ☒ Major ☐ Replace ☐ N/A

MAAB/ADA Accessibility

NEEDS ☐ Minor ☐ Moderate ☒ Major ☐ Replace ☐ N/A

Site Lighting

NEEDS ☐ Minor ☐ Moderate ☐ Major ☒ Replace ☐ N/A

Fencing

NEEDS ☐ Minor ☒ Moderate ☐ Major ☐ Replace ☐ N/A

Drainage

NEEDS ☐ Minor ☐ Moderate ☒ Major ☐ Replace ☐ N/A

Play areas

NEEDS ☐ Minor ☐ Moderate ☒ Major ☐ Replace ☐ N/A

Walls/Slopes

NEEDS ☐ Minor ☒ Moderate ☐ Major ☐ Replace ☐ N/A

Overall Site Condition

☐ Excellent ☐ Good ☐ Fair ☒ Poor ☐ Failing

Community:

Mass Historical Commission Status

☐ Listed ☒ Not Listed

- Inventory of Archeological Assets

☐ YES ☐ NO COMMENT: Not yet researched
☒ YES ☐ NO COMMENT: 0.4 mi to Community College sta. / #92 & 93 buses nearby

Accessible to Mass Transit?

☐ YES ☒ NO COMMENT: Hilltop & narrow sidewalks

Bikable?

☐ YES ☒ NO COMMENT: Well connected neighborhood

Walkable?

☒ YES ☐ NO COMMENT: Well connected neighborhood

Community Site Rating

☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Failing

Site suitability for school use?

☐ YES ☐ NO COMMENT: _____

Facility Physical Assessment



Building and site investigations by professionals:

- Architect (Educational designer)

- Structural Engineer

- MEP Engineer

- Civil Engineer

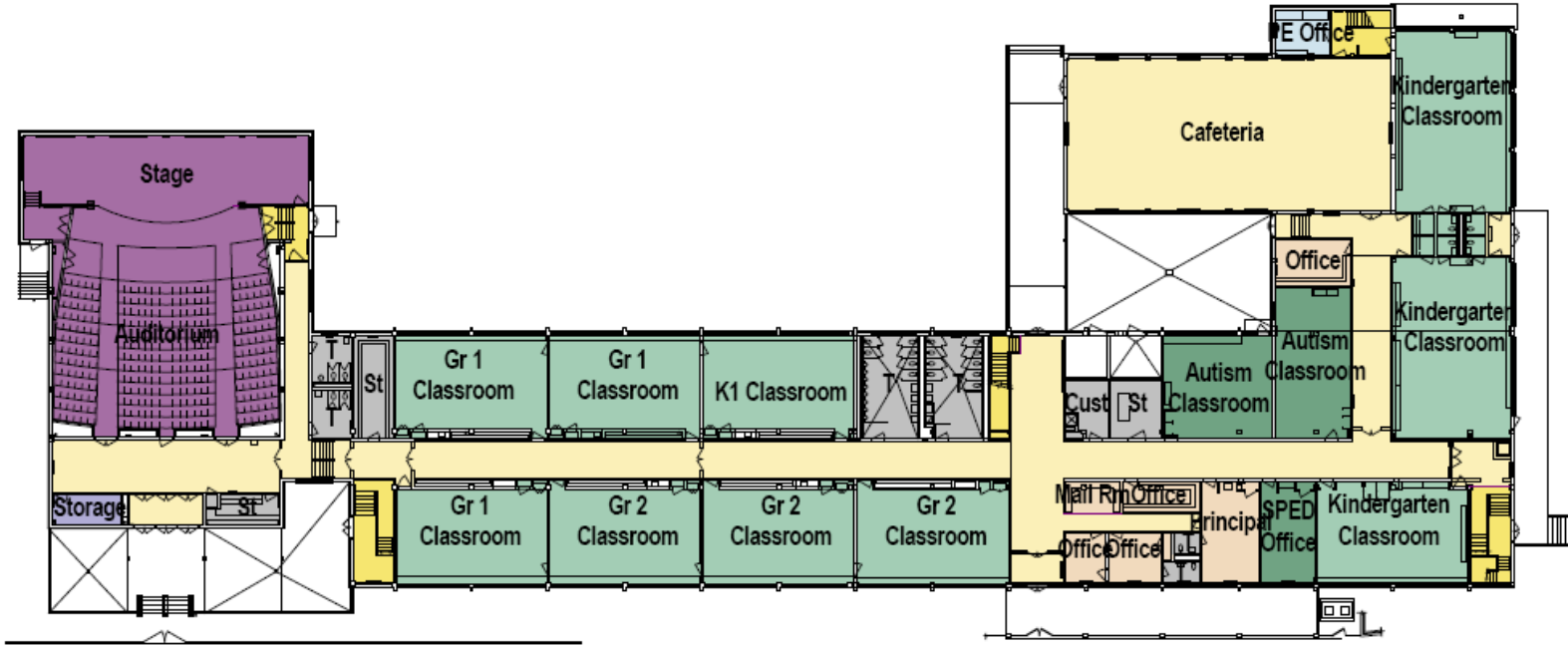
10 Year Facility and Educational Masterplan

Educational Vision



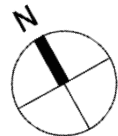
- Engaged Learning
- Differentiated and Personalized Learning
- Cognitively Demanding Tasks/Programs
- Equitable Access to Rigorous Curriculum
- Vision of 21st Century Digital Learning

Existing Conditions

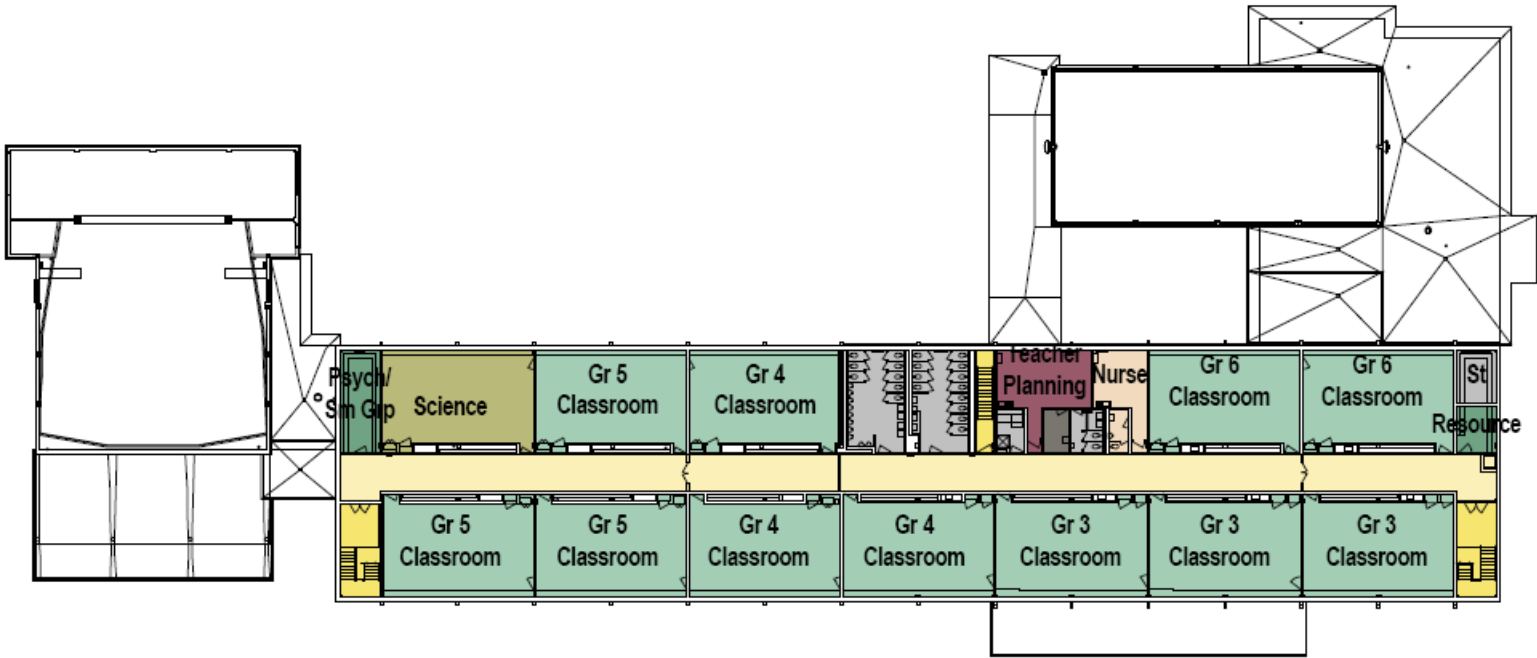


PROGRAM PLAN LEGEND

- ADMINISTRATION / GUIDANCE / STUDENT SERVICES / NURSE
- ART & MUSIC
- AUDITORIUM / PERFORMING ARTS & DRAMA
- CAFETERIA & CIRCULATION
- CLASSROOM & GENERAL EDUCATION SUPPORT
- CUSTODIAL / MAINTENANCE / STORAGE
- HEALTH & FITNESS
- SPECIAL EDUCATION
- VERTICAL CIRCULATION



Existing Conditions



PROGRAM PLAN LEGEND

- ADMINISTRATION / GUIDANCE / STUDENT SERVICES / NURSE
- BUILDING EQUIPMENT
- CAFETERIA & CIRCULATION
- CLASSROOM & GENERAL EDUCATION SUPPORT
- CUSTODIAL / MAINTENANCE / STORAGE
- SCIENCE CLASSROOM & SUPPORT
- SPECIAL EDUCATION
- TEACHER PLANNING & SUPPORT
- VERTICAL CIRCULATION

Criteria Evaluation Form

SCHOOL NAME: WARREN/PRESCOTT K-8

ID#: 00350346

4 | Elementary: Pre-K to 8

Room Type	Quantity	MSBA Area	Actual Area	Adequacy		
Pre-K:	1	1200	825	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Kindergarten	3	1200	1140	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Classroom (General Education) Gr. 1-5	15	950	825	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Classroom (General Education) Gr. 6-8	2	950	825	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Science	1	1200	825	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Special Education						
• Self Contained	2	950	640	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
• Resource of Small Group	1	500	105	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Art Classroom Gr. 1-5		1200	0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Art Classroom Gr. 6-8		1500	0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Music Classroom		1200	0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Vocation and Technology			0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Gymnasium		6000	0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Media Center			0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Dining	1	4088	2766	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
• Stage	1	1000	1345	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Medical				<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Administration & Guidance		2835	783	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Custodial/Maintenance	1	2119	812	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
• AC Tech Network Room		200		<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Other						
• Computer Lab		0		<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
• Community Space				<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor

Narrative on: AUDITORIUM 2585

- Engaged Learning
- Differentiated Learning
- Cognitively demanding tasks/programs
- Equitable access to a rigorous curriculum
- Vision of 21st Century digital learning

Comments:

Elementary Music

1,200 SF
Acoustically isolated
Acoustically appropriate



OT /PT



Resource Rooms & Small Group Rooms
vary from 500 – 1,000 Nsf

Criteria Evaluation Form

SCHOOL NAME: WARREN/PRESCOTT K-8

ID#: 00350346

4 | Elementary: Pre-K to 8

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Art Classroom Gr. 6-8		1500	0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Music Classroom		1200	0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Vocation and Technology			0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Gymnasium		6000	0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Media Center		3000	0	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Dining	1	4088	2766	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
• Stage	1	1000	1345	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
Medical				<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor
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Other						
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Narrative on:

- Engaged Learning
- Differentiated Learning
- Cognitively demanding tasks/programs
- Equitable access to a rigorous curriculum
- Vision of 21st Century digital learning

Comments:

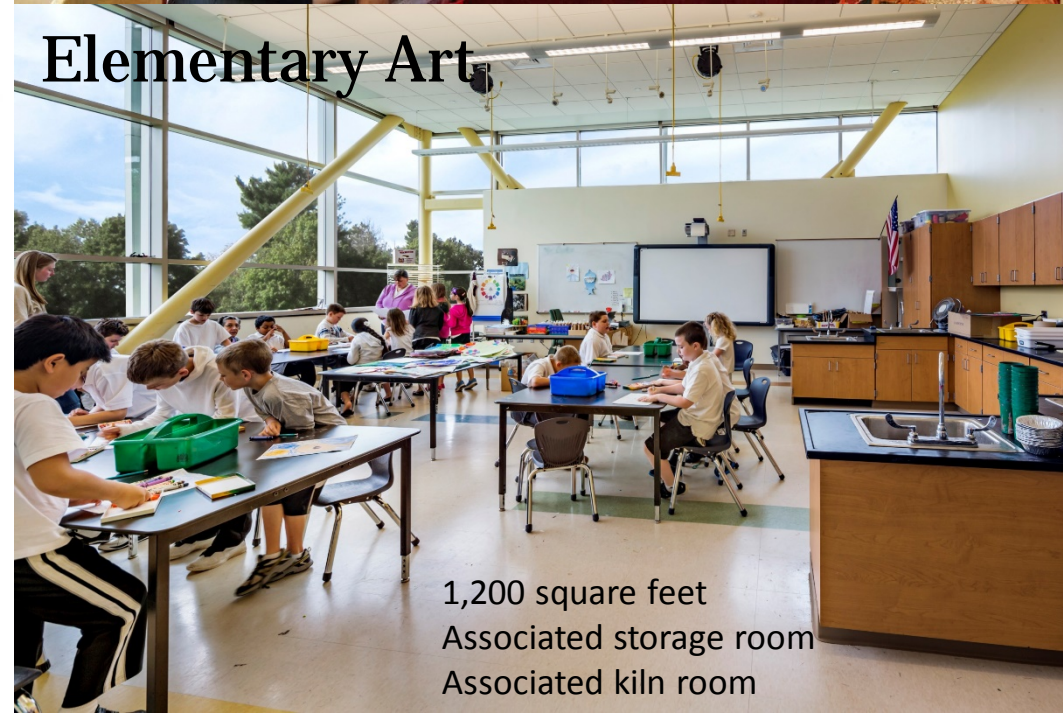
AUDITORIUM 2585

Learning Commons/Media Center



Fielding Nair International, Architects

Elementary Art



1,200 square feet
Associated storage room
Associated kiln room

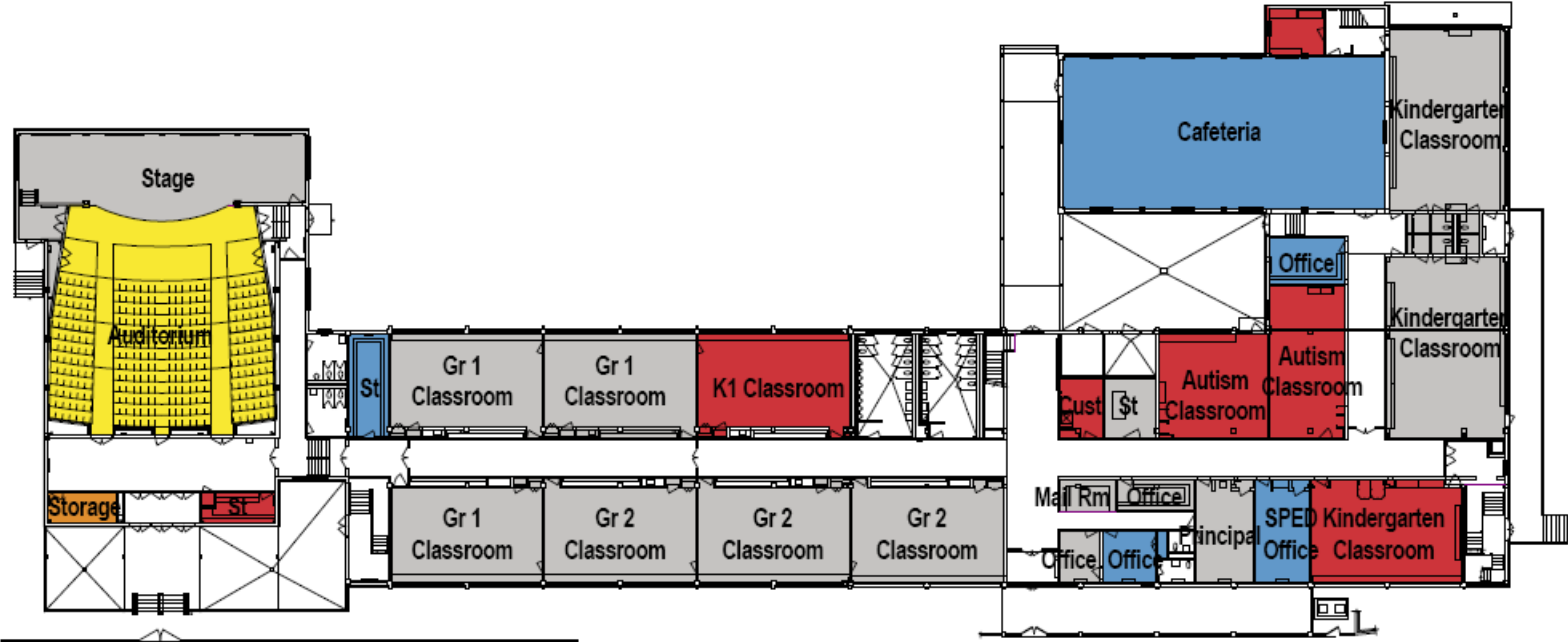
MSBA Space Summary

Warren/Prescott K-8		Existing Conditions	MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)	
ROOM TYPE	area totals	% Deficient/ Undersized	area totals	Comments
CORE ACADEMIC SPACES	19,197	-26%	25,780	
SPECIAL EDUCATION	1,616	-73%	6,040	
ART & MUSIC	113	-98%	5,625	
VOCATIONS & TECHNOLOGY	0	-100%	3,200	
HEALTH & PHYSICAL EDUCATION	142	-98%	8,321	
MEDIA CENTER	0	-100%	3,204	
DINING & FOOD SERVICE	4,112	-50%	8,150	
MEDICAL	267	-56%	610	
ADMINISTRATION & GUIDANCE	783	-72%	2,835	
CUSTODIAL & MAINTENANCE	812	-62%	2,119	
OTHER	0		0	
Total Building Net Floor Area (NFA)	27,042	-59%	65,885	
Proposed Student Capacity / Enrollment	223	-59%	545	Enter grade enrollments to the right
Total Building Gross Floor Area (GFA) ²	59,330	-40%	98,827	
Grossing factor (GFA/NFA)	2.19	46%	1.50	

Grades K-5	79%
431	
Grades 6-8	21%
114	

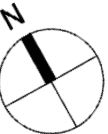
* Warren/Prescott School current leases space adjacent to school site for grades 7 and 8. That space was not considered in this evaluation.

Existing Conditions

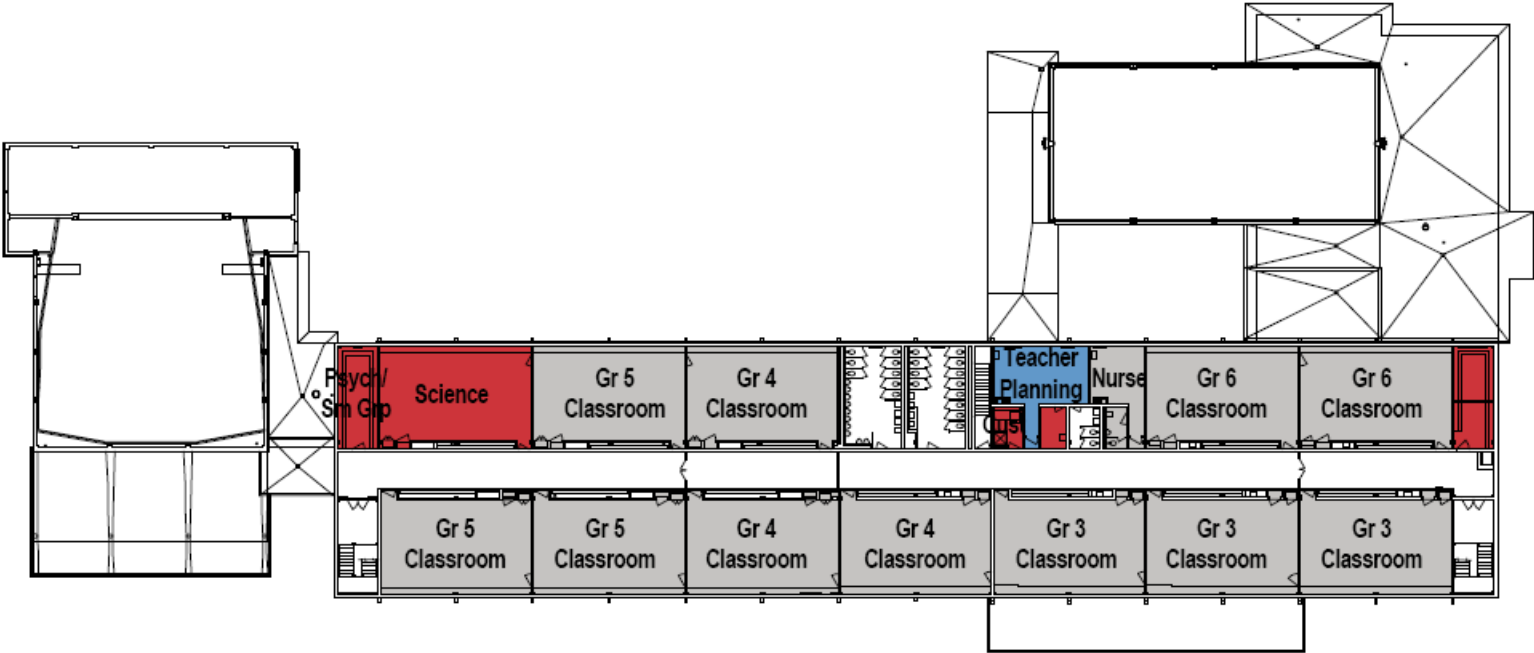


MSBA DEFICIENCY PLAN

- INAPPROPRIATE LOCATION OR ADJACENCY
- NOT INCLUDED IN A TYPICAL MSBA PROJECT
- NSF 10% GREATER THAN MSBA GUIDELINES
- NSF AT LEAST 20% LESS THAN MSBA GUIDELINES
- NSF MEETS MSBA GUIDELINES (-20% TO +10%)

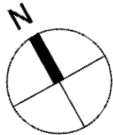


Existing Conditions

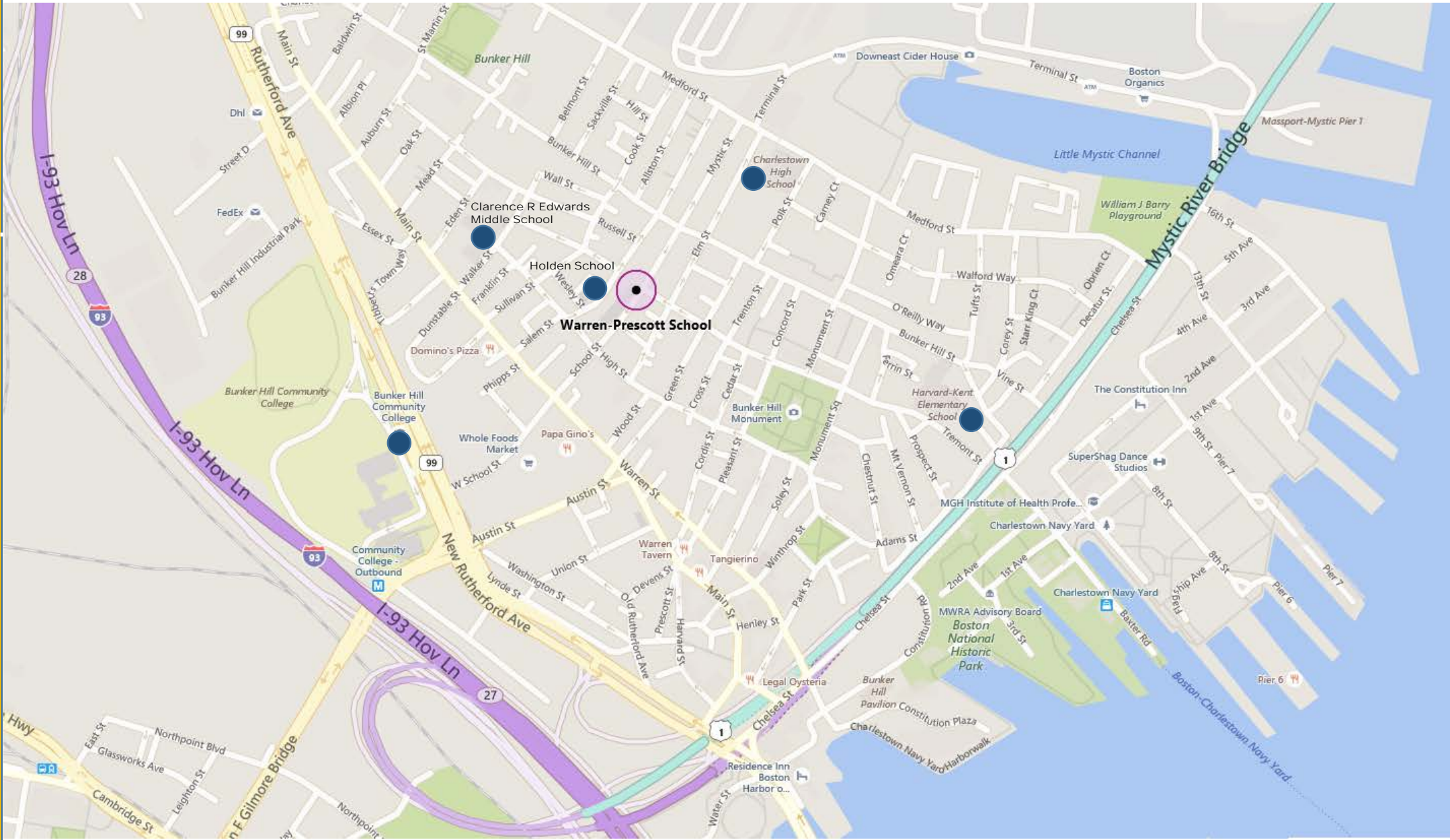


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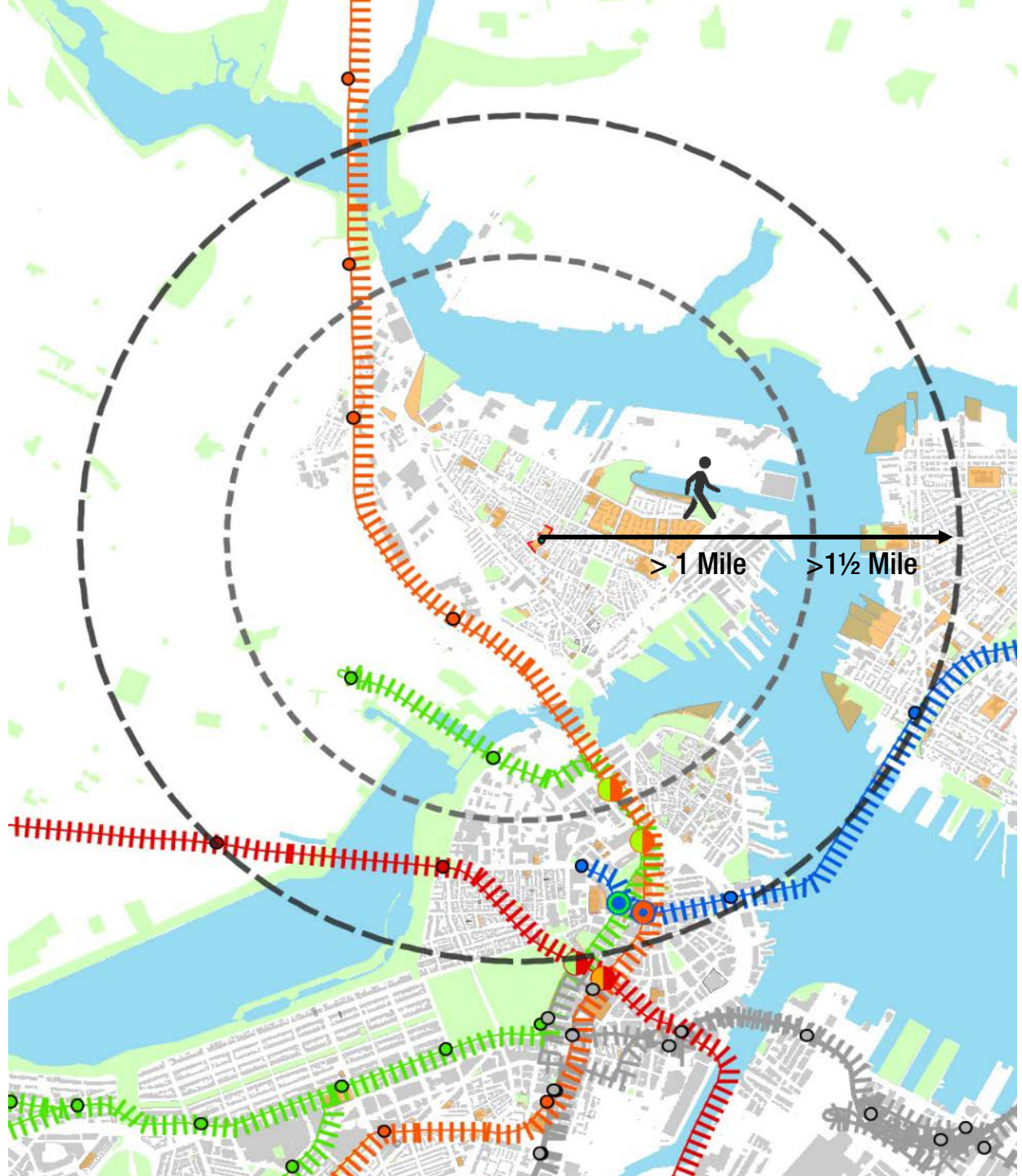


Neighborhood
Warren-Prescott School



Neighborhood

Warren-Prescott School



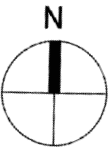
City Owned Parcels

Busing Policy Key

- >2mi High School T-Pass
- >1 1/2 mi 6th Grade & Below
- >K-8 up to 8th Grade
- >1mi Grades K-5

Transportation

- T Stops
- Bike Routes





Warren-Prescott School Facility Needs

March 21, 2014



Discussion





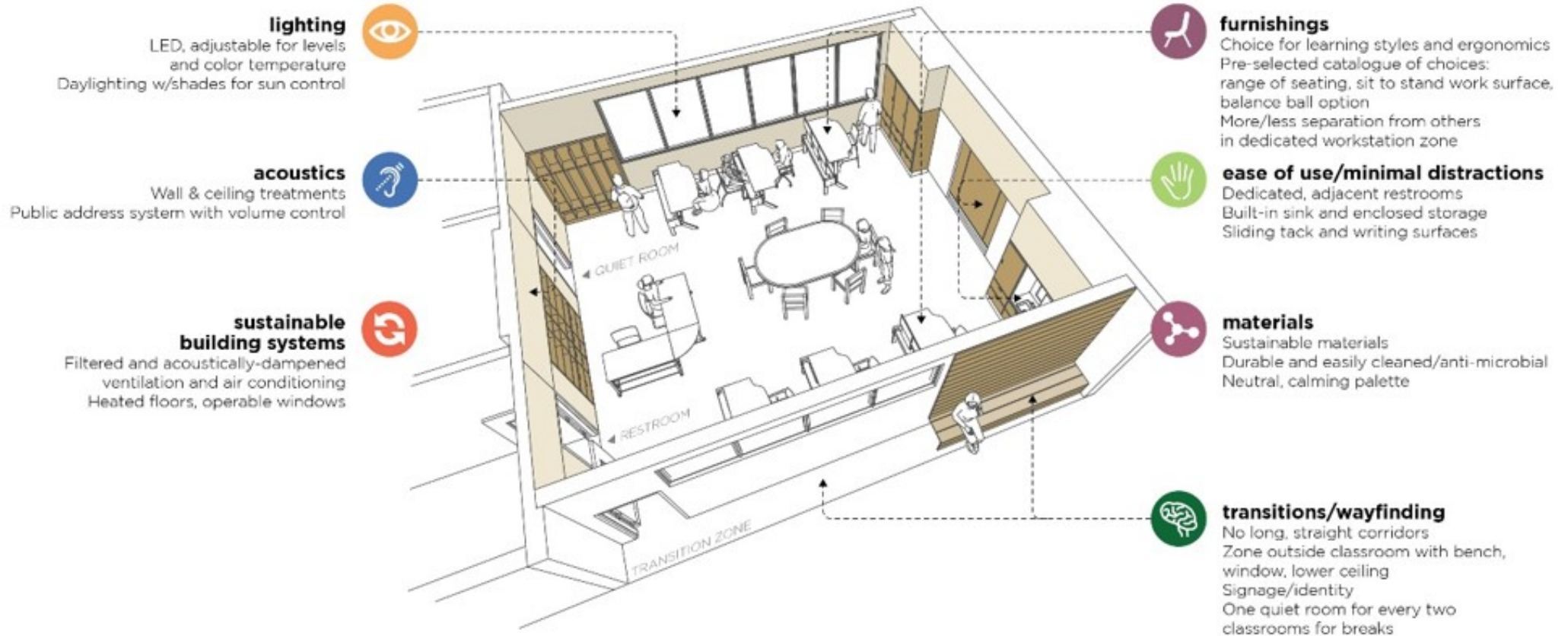
Thank You

PRE-K - 8

Elementary Schools



Classroom Elements



Contents

- Overview
- MSBA program and process
- Warren Prescott program and facility needs

Overview

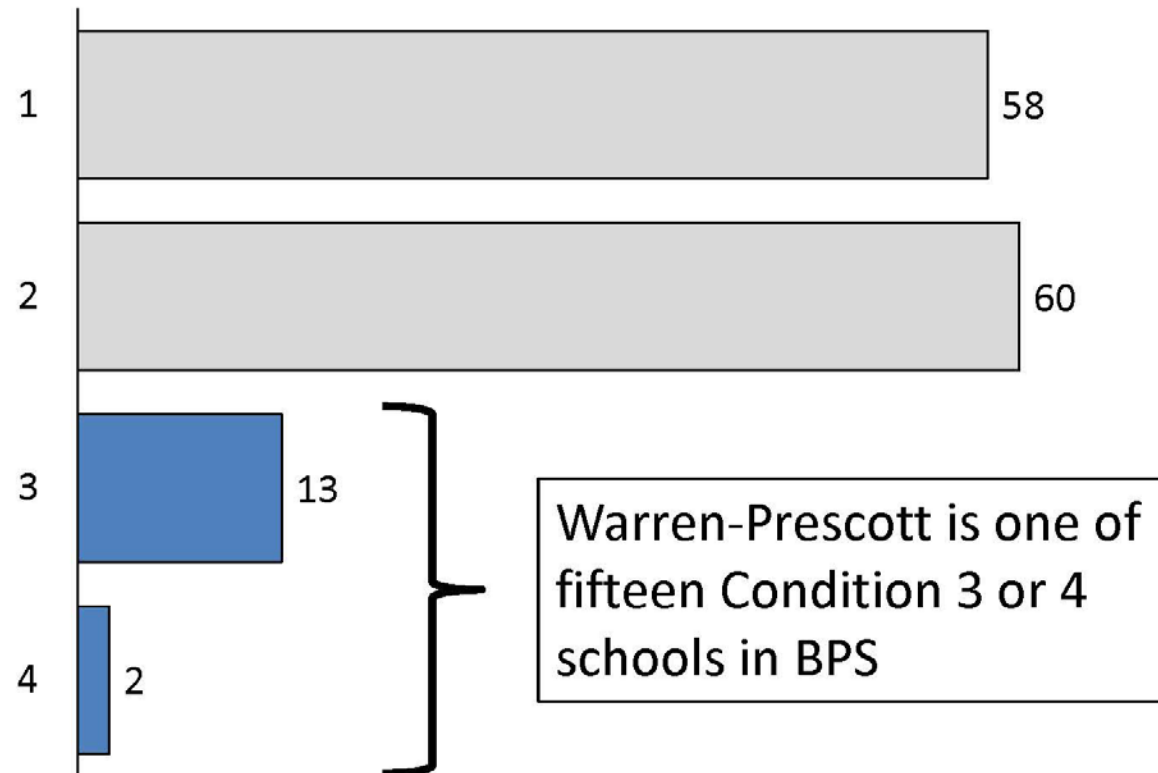
- Overcrowding is already critical, and enrollment will continue to grow
 - Therapy, counseling and music already moved to storage rooms
 - Science and art will be moving to carts as their rooms become classrooms
- Extensive deferred maintenance has accumulated into a major project
- Warren-Prescott is an excellent fit with MSBA programs
- With needs and issues already identified, BPS and WP can make an MSBA submission in April

Facility issues already impair Warren-Prescott's ability to achieve its mission, and conditions will worsen

Scope of needs exceeds BPS resources, but is an excellent fit with the MSBA's programs

- The Massachusetts School Building Authority will fund up to 75% of repair and construction costs
- Warren Prescott's needs qualify on several MSBA criteria; one is enough to support a Statement of Interest (SOI)
 - Elimination of existing severe overcrowding.
 - Prevention of severe overcrowding expected to result from increased enrollments.
 - Replacement of or addition to obsolete buildings in order to provide for a full range of programs consistent with state and approved local requirements.
 - Replacement, renovation or modernization of school facility systems, such as roofs, windows, boilers, heating and ventilation systems, to increase energy conservation and decrease energy related costs in a school facility.

MSBA Needs Survey identified just fifteen Condition 3 or 4 schools within BPS



Source: 2010 MSBA Needs Survey

Warren-Prescott is one of the MSBA's fifteen Condition 3 or 4 schools within BPS

School Name	Type	Year	Renovated	Enrollment	SF / Student	Students / Classroom	Building Condition
Elihu Greenwood Elementary	ES	1957	-	347	147	19	3
Joseph P. Tynan Elementary	ES	1972	-	325	378	12	3
Mattahunt Elementary	ES	1972	-	559	320	10	3
Ralph Waldo Emerson Elementary	ES	1923	1988	243	96	20	3
Dorchester Academy‡	HS	1923	-	429	257	15	3
East Boston HS	HS	1924	2000	1,362	178	18	3
Madison Park Voc-Tech HS	HS	1977	2008	1,400	714	7	3
MS Academy	HS	1906	-	12	2342	1	3
TechBoston Upper Academy	HS	1923	-	283	257	12	3
William McKinley Preparatory HS	HS	1929	-	-	-	0	3
Warren/Prescott K-8 School	K-8	1963	-	452	131	20	3
Clarence R Edwards MS	MS	1932	-	496	159	12	3
Henry Dearborn MS	MS	1912	-	287	390	7	3
Holmes Elementary	ES	1906	-	279	226	14	4
Mather Elementary	ES	1905	-	549	153	12	4

Source: 2010 MSBA Needs Survey

MSBA Statement of Interest discusses issues and needs, not program or design

- The purpose of the Statement of Interest (SOI) is to outline the deficiencies (which are known for WP)
- The District is advised *not* to propose solutions in the SOI
- If the SOI is accepted, the MSBA and the District then work together to identify specific solutions:
 - Select project designer, project manager
 - Feasibility study, program needs
 - Schematic design
 - Detailed design

Warren-Prescott has already been identified as a high-priority school by MSBA, and constitutes a feasible project ready for SOI submission

Our facility needs are urgent

- Although our educational mission remains constant, our goals and objectives must adapt to the present and future needs of our students and society as a whole.
- The Warren-Prescott's space and facility needs make achieving those goals and objectives difficult and ultimately less effective, specifically in the areas of:
 - science, technology, physical education, and the arts
 - special needs, especially in our K-8 autistic programs

Crowding is already severe and will worsen



Storage rooms have become music practice rooms, therapy rooms, and teachers' offices. A corner of the stage is a classroom. Hallways are storage rooms. The science lab will be a cart.



Widespread repairs are needed and
minor structural issues should be addressed



Deferred maintenance needs are extensive



Current facilities have a range of issues

- Warren-Prescott is already overcrowded
 - Counseling and therapy (physical, occupational and speech) take place in storage rooms
 - Music and performing arts are taught in storage rooms, hallways or open spaces
 - Teachers without classrooms work in a cramped storage closet
- Enrollment is growing but, due to facility needs, our ability to deliver adequate programs is shrinking
 - The art and science classrooms will move onto carts, with their rooms converted to regular classrooms to accommodate growth
- None of our spaces have program-specific facilities for science, art, music or athletics

Adequate facilities are needed to deliver on programs and achieve our mission (1)

- Effective science education needs a laboratory with space, facilities and storage
 - In-depth study of science for elementary students
 - Provide hands-on activities
 - Make science inviting, colorful, exciting, engaging
 - Include models, computers and music
 - Provide manipulative materials: magnifying glasses, measuring tools, equipment, microscopes, seeds ...
 - Reinforce previous content with progressive, varying units
 - Provide proper safety attire

Allow our students to “become scientists”

Adequate facilities are needed to deliver on programs and achieve our mission (2)


- Effective arts education stretches students, allows them to express their individuality and to apply skill and imagination
 - A comfortable, well-lit space with supplies, storage for students' work, ample work space and sinks for clean up will allow students to create, experiment, and make mistakes
 - A safe environment frees students to be themselves and express their own views and experience
 - Space for an art library provides art history, artists biographies and examples of art
 - Art develops critical thinking and problem solving skills

Adequate facilities are needed to deliver on programs and achieve our mission (3)

- Effective music education requires specialized spaces
 - Noise conflicts with other rooms, including other music rooms; both classrooms and practice rooms are necessary
 - Substantial storage needs
- Smaller multipurpose rooms are needed for small groups of students, including ELL and those with disabilities
- Add K-1 classrooms to meet overwhelming demand from families, and to impact life outcomes for students
- Add air conditioning where feasible to allow Warren-Prescott to provide important summer programs
- Reconfigure the gymnasium currently used exclusively as the cafeteria to allow both uses, or provide other on-site facilities

The illustrative facility program demonstrates project feasibility



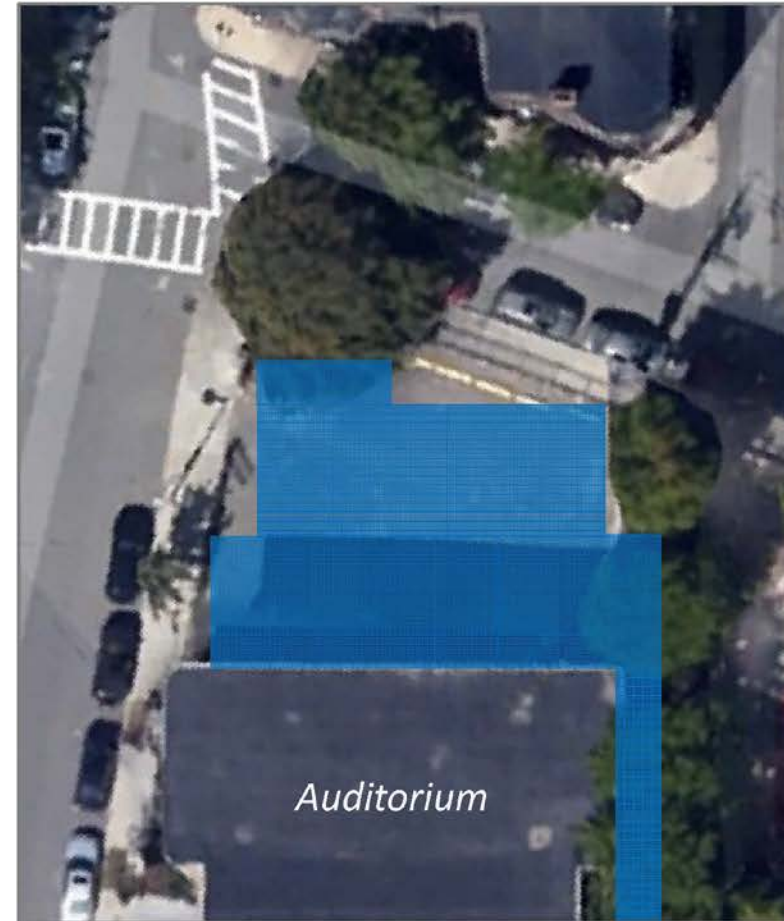
- ① Science lab, art classroom, library / computer lab, and K-1 classroom on two floors.
- ② Music classroom, music practice and ensemble rooms, and small group rooms on two floors.
- ③ Autism classroom, expansion of autism classroom, and specialist rooms on one floor.
- ④ Repair and update classrooms, corridors, lavatories, auditorium, heating and air conditioning, lighting, controls, and technology infrastructure. Improve energy efficiency.
- ⑤ Reconfigure gym currently used as the cafeteria to allow both uses, or provide other on-site facilities
-  Alternative locations for elevator(s) to provide accessibility.

Area ① facility program

New construction of 6,500 GSF on two levels above grade

- Science lab, 1,400 SF
- Art classroom, 1,300 SF
- Library / computer lab, 1,400 SF
- K-1 classroom, 1,300 SF, with restroom

New circulation connection to the main Warren-Prescott building.

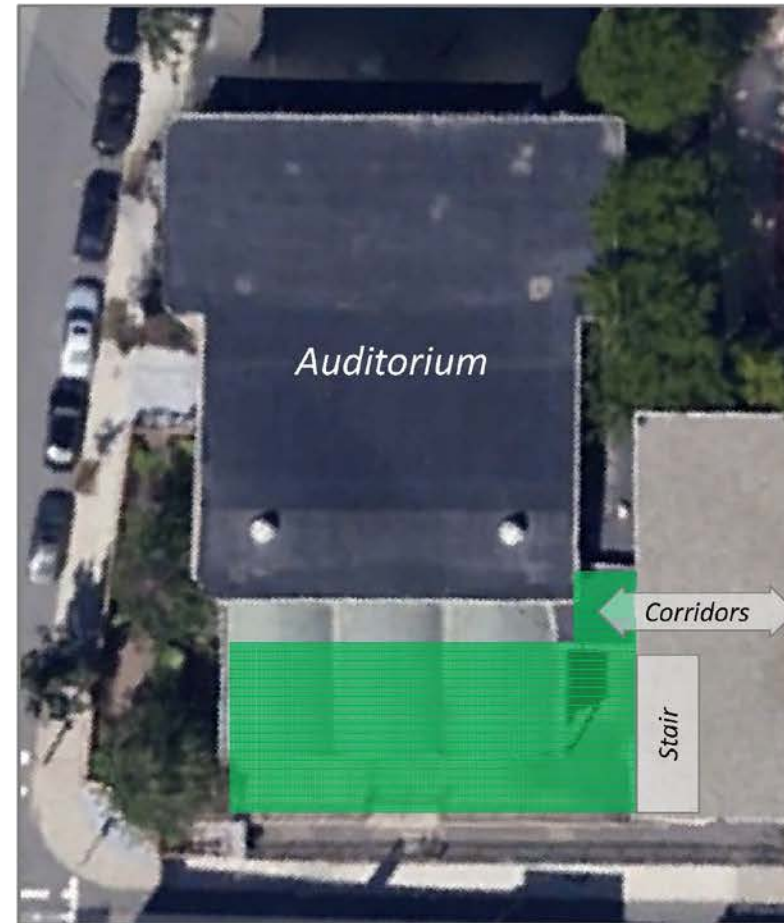


Area ② facility program

New construction of 3,700 GSF on two levels

- Music classroom 1,200 SF
- Music practice and ensemble rooms, 500 SF
- Small group rooms, 1000 SF total

Circulation connection to the main Warren-Prescott building at each floor level through existing corridors adjacent to site.



Area ③ facility program

New construction of 1,300 GSF on one level

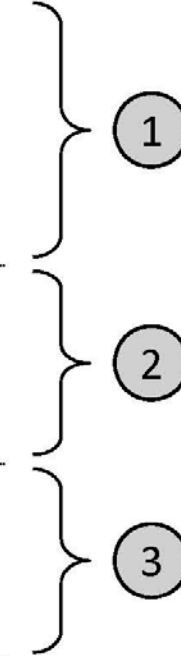
- Autism classroom 900 SF
- Expansion of existing classroom 250 SF

One existing classroom converted to specialist rooms, circulation

Circulation connection to the main Warren-Prescott building through existing corridor.



Summary of facility additions

- Science lab, 1,400 SF
 - Art classroom, 1,300 SF
 - Library / computer lab, 1,400 SF
 - K-1 classroom, 1,300 SF
 - Music classroom 1,200 SF
 - Music practice and ensemble rooms, 500 SF
 - Small group rooms, 1000 SF total
 - Autism classroom, 900 SF + 250 SF expansion
 - One existing classroom converted to specialist rooms, circulation
 - Supporting circulation, restrooms, accessibility improvements
- 
- 1
- 2
- 3

While these program needs and schematic design are not needed for an SOI, they illustrate the project's feasibility

Facility needs can be met without substantial disruption

- Repairs and expansion can be completed while Warren-Prescott operates normally:
 - Stage the renovation and construction
 - Location and timing of work moderates the construction impact
- Areas 1 and 2 are separated from the classrooms
- Area 3 projects are of modest scope; other new space might initially be used as swing space for the autism programs
- Repairs to main building can be done in stages to work around the school year and availability of new space
- This approach could be used by other Condition 3 and 4 schools

Warren-Prescott's renovation is urgently needed,
cost-effective, and ready to move forward

PRE-K - 8

Elementary Schools:

Academic Classrooms:

Basic building block for elementary education

900 – 950 square feet

Flexible furniture and environment

Capable of 1:1 Technology environment

Student Centric



PRE-K - 8

Elementary Art

1,200 square feet
Associated storage room
Associated kiln room

PRE-K - 8

Maker Spaces

PRE-K - 8

Learning Commons



21st Century Teaching & Learning



The 6 Rs

Reading Rigor
Writing Relevance
Arithmetic Relationship

The 4 Cs

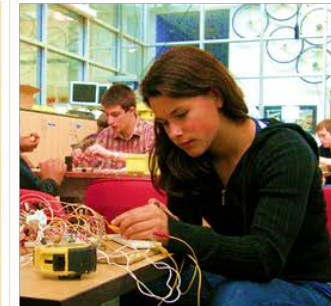
- Critical Thinking
- Communication
- Collaboration
- Creativity

plus Citizenship

Head & Hand

Growth Mindset

- Student-Centered
- Interdisciplinary
- Technology-Infused
- Community Connected
- Problem- and Project-Based
- Process and Product Oriented



21st Century Spaces for Learning



- Changing Demographics
- School Organization
- Improved Science and Technology Spaces
- Incorporate Teacher Collaboration Areas
- 21st Century Teaching and Learning Methodologies
- Differentiated and Personalized Learning

School Environments

- Required
 - Supports The Educational Vision of the District
 - Learning Environments types and sizes (using MSBA criteria)
 - Enrichment Spaces
 - Support Spaces
- Strongly Recommended
 - Spaces and appointments that support: PBL; Differentiated and Personalized Learning; other delivery models
- Nice to Have
 - Maker Spaces

PRE-K - 8

Anytime/Anywhere Learning

PRE-K - 8

Alternative / Personalized / Special Education – Breakout Rooms



PRE-K - 8

Special Education: OT/PT



OT/PT Gross and fine motor skills

Resource Rooms & Small Group Rooms
vary from 500 – 1,000 Nsf

PRE-K - 8

Media Center / Learning Commons



PRE-K - 8

Secure Entry / Administration



PRE-K - 8

Outdoor Learning Environments

FOCUS ON
DISTRICT GOALS

USE POWERFUL
TOOLS

ENGAGE THE
COMMUNITY

PRE-K - 8

Enrichment: Art

Fielding Nair International, Architect



1,200 square feet
Associated storage room
Associated kiln room

PRE-K - 8

Gymnasium:

6,000 sf
Separate from cafeteria

PRE-K - 8

Outdoor Learning Environments



PRE-K - 8



Personalized



PRE-K - 8

Student Dining / Cafeteria / Stage



PRE-K - 8

Multi-Use Cafeteria



PRE-K - 8

Teacher Planning / Collaboration



PRE-K - 8

Enrichment: Music

1,200 SF
Acoustically isolated
Acoustically appropriate



PRE-K - 8

Academic Classrooms: PreK & K



1,100 sf Min – 1,300 SF max
w/ toilet room

PRE-K - 8

Special Education: Resource Room

Resource Rooms & Small
Group Rooms vary from
500 – 1,000 sf



PRE-K - 8

Outdoor Play



Questions for the BuildBPS team



Next Steps



Facility Physical Assessment



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SITE PLAN

Warren-Prescott School

