

Build BPS

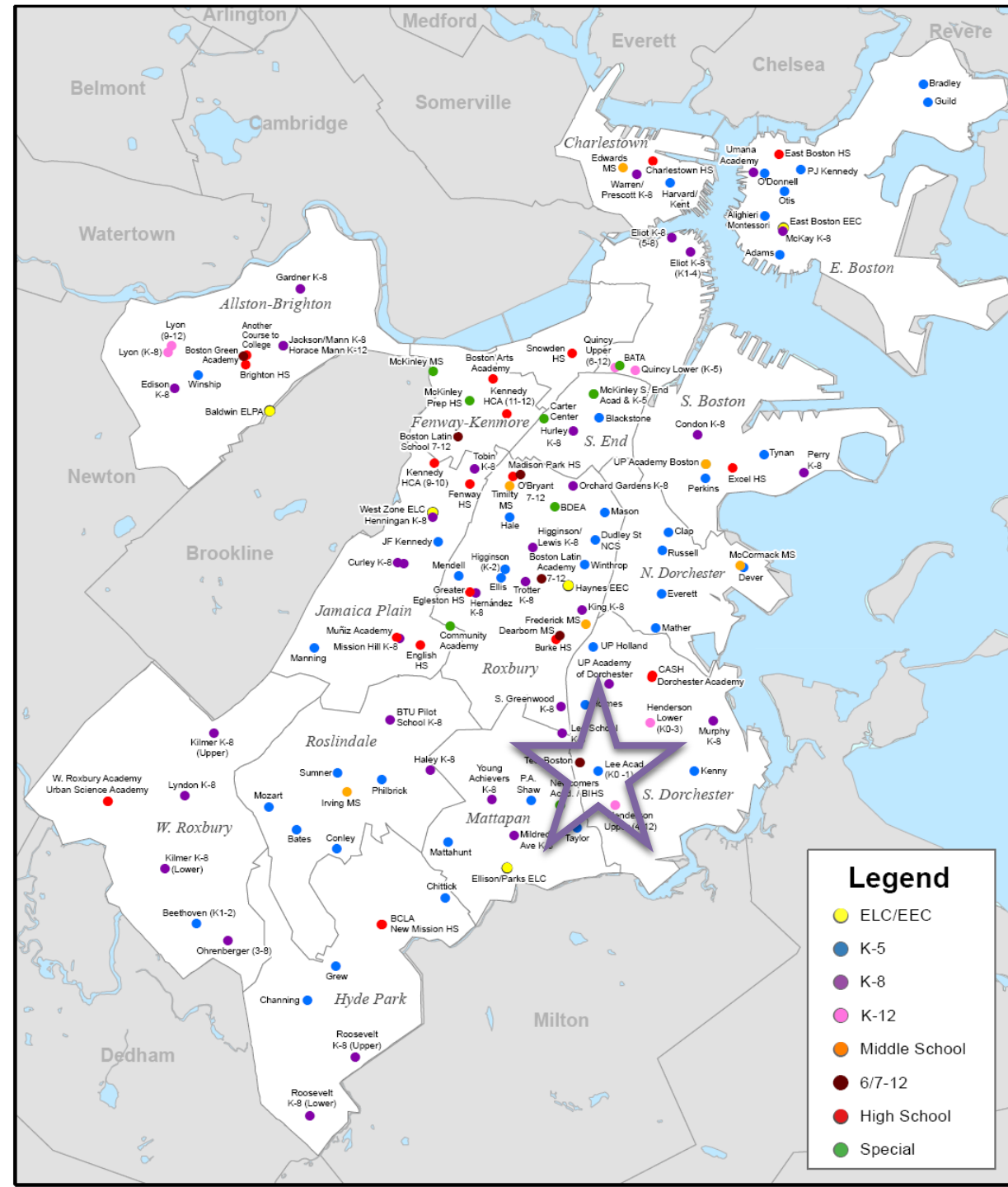
Welcome to Lee Academy at the Fifield

March 7, 2016



District Map

BOSTON
PUBLIC
SCHOOLS
SY 2015 - 2016



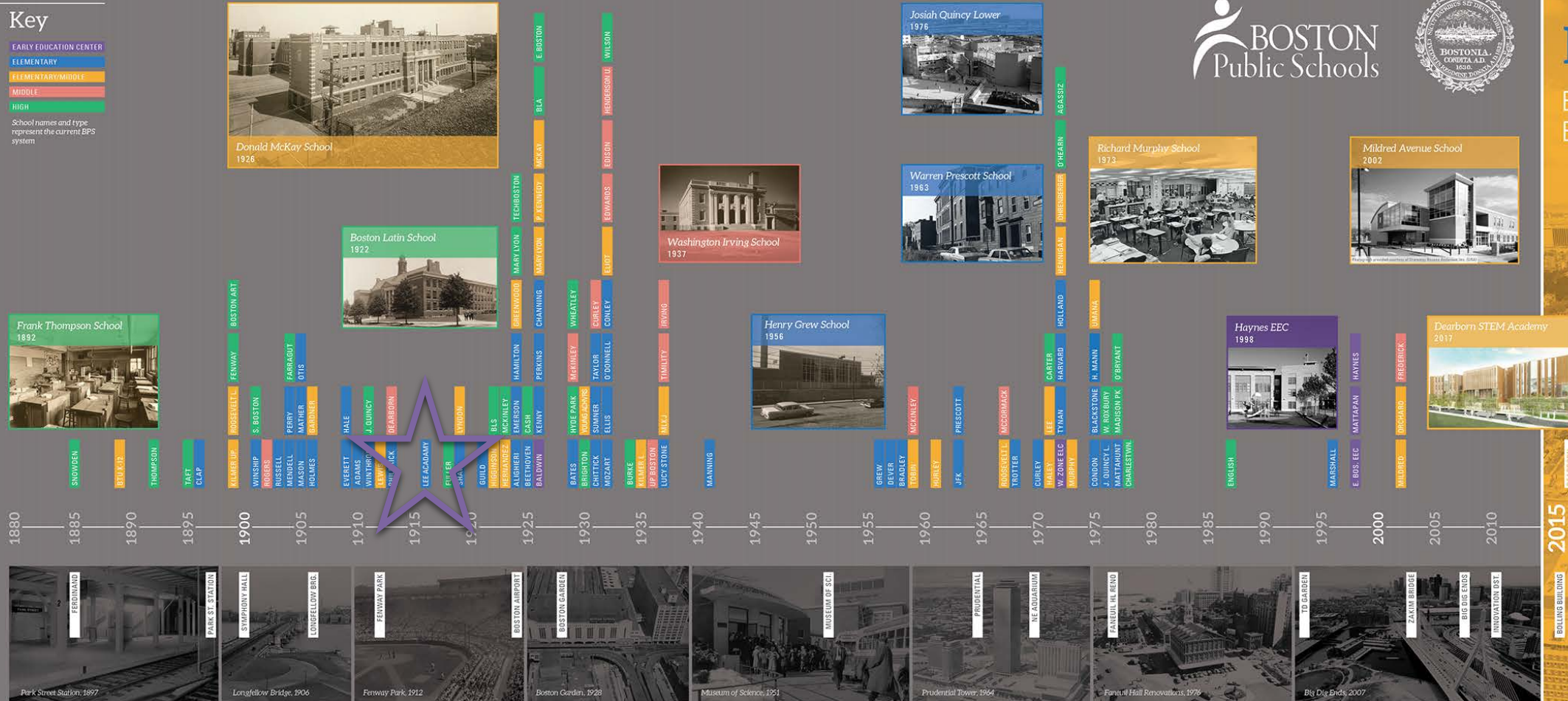
BPS Timeline



Key

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

School names and type represent the current BPS system



BOSTON Public Schools



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

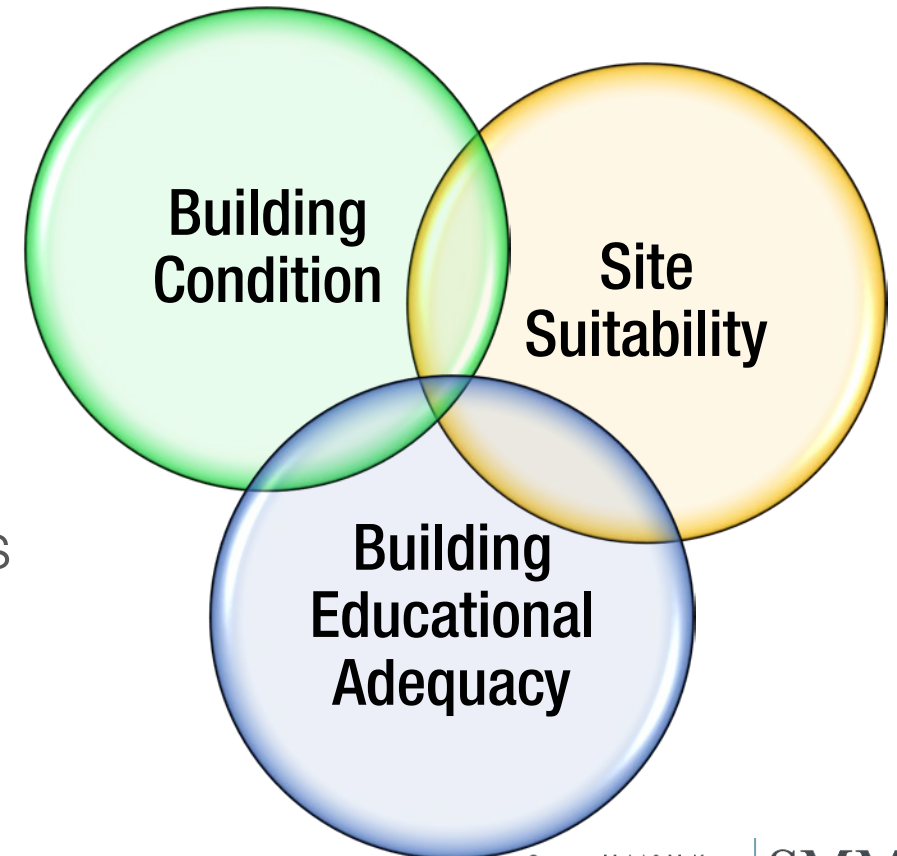
Physical Analysis Report

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
- Neighborhood Discussion
- Community wide Engagement (by “Type”)
 - 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 a “project” (but we use projects as tools for assessing)

NOT rating the community or neighborhood “*value*”

Facility Physical Assessment Sub-Committee



Barbara Deane-Williams, Lead Convener

Kim Rice, BPS

Al Taylor, BPS

Carleton Jones, BPS

Khadijah Brown, BPS

Brian Chambers, BPS

Mary Driscoll, BPS

Ramon Soto, Mayor's Office

Brian McLaughlin, PCMD

Austin Blackmon, Environment & Energy

Jonathan DePina, PCMD

Abi Vladeck, Budget

Paul Williams, Budget

TBD, DoIT

Nick Kraman, CPC

Joel Thompson, CPC

Richard Stutman, BTU

Facility Physical Assessment



Building and site investigations by team of professionals:

Architect (Educational designer)
Structural Engineer
MEP Engineer
Civil Engineer

Criteria Evaluation Form

SCHOOL NAME: LEE ACADEMY ELC
HISTORICAL BUILDING NAME: FIELD

ID#: 00350001
SCHOOL ENROLLMENT: 164
BUILDING ENROLLMENT: 164
SITE VISIT DATE: _____

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
☐ YES ☐ NO COMMENT: _____

Windows

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

Boilers

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

Heating Distribution Systems

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

Ventilation Distribution Systems

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

Electrical Service

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

Existing Photovoltaics

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

Lighting Quantity/Control

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

Toilets & Fixtures

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

Plumbing Distribution Systems

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

Accessibility

Structural System:

Signs of Deterioration:

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

☐ YES ☒ Not Observed COMMENT: _____
☒ YES ☐ Not Observed COMMENT: CRACKS IN TERRAZZO
☒ YES ☐ Not Observed COMMENT: CRACKS IN MASONRY
☐ YES ☒ Not Observed COMMENT: _____
☒ YES ☐ Not Observed COMMENT: MINOR CRACKS IN &
☒ YES ☐ Not Observed COMMENT: IN REINFORCED MASONRY

Is the lateral system identifiable?

☐ YES ☐ Not Observed
☐ Excellent ☐ Good ☒ Fair ☐ Poor ☐ Failing

Overall Building Condition

Community:

Mass Historical Commission Status:

- Inventory of Historic Assets
- State Register of Historic Places

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

Emergency Shelter

☐ YES ☒ NO COMMENT: _____
☐ YES ☒ NO COMMENT: _____

Community Use Spaces

☐ YES ☒ NO COMMENT: _____
☐ YES ☒ NO COMMENT: _____

Community Building Rating

☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Failing
☐ YES ☐ NO COMMENT: _____

Building suitability for school use?

☐ YES ☐ NO COMMENT: _____

SCHOOL NAME: LEE ACADEMY ELC

ID#: 00350001

2 | Site Evaluation Criteria

Physical Analysis

Is the site susceptible to climate change?

☐ YES ☒ NO BY 2100 ☐ YES ☐ NO
☐ YES ☒ NO COMMENT: _____

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

☐ YES ☒ NO COMMENT: _____
☐ YES ☒ NO COMMENT: _____

Is the building expandable on current site?

☐ YES ☒ NO COMMENT: _____
☐ YES ☒ NO COMMENT: _____

Is the site expandable?

☐ YES ☒ NO COMMENT: _____
☐ YES ☒ NO COMMENT: _____

Parking Quality

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

Neighborhood Streets

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

Drop Off/Pick Up Routes

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

Walkways/Curbs/Sidewalks

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

MAAB/ADA Accessibility

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

Site Lighting

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

Fencing

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

Drainage

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

Play areas

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

Walls/Slopes

NEEDS ☐ Minor ☐ Moderate ☐ Major ☐ Replace ☒ N/A
☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Failing

Overall Site Condition

Community

Mass Historical Commission Status

- Inventory of Archeological Assets

☐ Listed ☐ Not Listed
☐ YES ☐ NO COMMENT: _____

Accessible to Mass Transit?

☒ YES ☐ NO COMMENT: 6mi. ASHLAND / #26 BUS
☐ YES ☒ NO COMMENT: NARROW SIDEWALKS

Bikable?

☐ YES ☒ NO COMMENT: CONNECTED NEIGHBORHOOD
☒ YES ☐ NO COMMENT: _____

Walkable?

☐ YES ☐ NO COMMENT: _____
☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Failing

Community Site Rating

Site suitability for school use?

☐ YES ☐ NO COMMENT: _____

3 | Educational Analysis

Building originally designed as

☐ HS☐ JHS☐ MS☐ K-8☐ ES☐ EEC

The grade configuration this school is best suited to:

☐ Pre-K to 1

☐ YES☐ NO

☐ Pre-K to 3

☐ YES☐ NO

☐ Pre-K to 5

☐ YES☐ NO

☐ Pre-K to 6

☐ YES☐ NO

☐ 4 to 6

☐ YES☐ NO

☐ 6 to 8

☐ YES☐ NO

☐ 7 to 8

☐ YES☐ NO

☐ 6 to 12

☐ YES☐ NO

☐ 7 to 12

☐ YES☐ NO

☐ 9 to 12

☐ YES☐ NO

COMMENT:

Educational Building Analysis:

Ventilation

Excellent

Good

Fair

Poor

Failing

Natural Daylighting

Excellent

Good

Fair

Poor

Failing

Air Quality

Excellent

Good

Fair

Poor

Failing

Acoustical

Excellent

Good

Fair

Poor

Failing

Technology:

Power

Wireless

Interactive

Excellent

Good

Fair

Poor

Failing

Excellent

Good

Fair

Poor

Failing

Excellent

Good

Fair

Poor

Failing

Excellent

Good

Fair

Poor

Failing

Excellent

Good

Fair

Poor

Failing

Furniture

Excellent

Good

Fair

Poor

Failing

Finishes

Excellent

Good

Fair

Poor

Failing

Environment (inviting/stimulating/comfortable):

Excellent

Good

Fair

Poor

Failing

Adjacencies of Learning Environments:

Excellent

Good

Fair

Poor

Failing

Outdoor Classrooms

Excellent

Good

Fair

Poor

Failing

Overall Building Rating

Excellent

Good

Fair

Poor

Failing

COMMENT:

The site includes:

☐ Play Grounds/Areas

☐ YES☐ NO

COMMENT:

☐ Accessible

☐ YES☐ NO

COMMENT:

☐ Play Fields

☐ YES☐ NO

COMMENT:

☐ Outdoor Classrooms

☐ YES☐ NO

COMMENT:

Can the building change typology easily?

☐ YES☐ NO

COMMENT:

Can the building be transformed educationally to serve 21st C needs?

☐ YES☐ NO

COMMENT:

Can the building serve as swing space?

☐ YES☐ NO

COMMENT:

Is the building between 85% to 115% utilization rate?

☐ YES☐ NO

COMMENT:

BOSTON
Public Schools

Criteria
Evaluation Form

SCHOOL NAME: _____

ID#: _____

5 | Facility Operational Criteria

Provided by BPS (Fiscal Year)	2011		2012		2013		2014		2015	
Energy Usage										
• Annual Electric Usage	\$	KWH	\$	KWH	\$	KWH	\$	KWH	\$	KWH
• Annual Gas Usage	\$	MBTU	\$	BTU	\$	BTU	\$	BTU	\$	BTU
• Annual Steam Usage	\$	BTU	\$	BTU	\$	BTU	\$	BTU	\$	BTU
• Annual Water Usage	\$	GAL	\$	GAL	\$	GAL	\$	GAL	\$	GAL

Cost/Pupil	\$		\$		\$		\$		\$	
------------	----	--	----	--	----	--	----	--	----	--

Cost Pupil
Count

Staff/Pupil			=		=		=		=	
-------------	--	--	---	--	---	--	---	--	---	--

Staff Pupil
Count Count

Annual Maintenance Cost	\$		\$		\$		\$		\$	
-------------------------	----	--	----	--	----	--	----	--	----	--

Annual Transportation Cost	\$		\$		\$		\$		\$	
----------------------------	----	--	----	--	----	--	----	--	----	--

Co-Generation Facility/Site? ☐ YES ☐ NO COMMENT: _____

Condition: NEEDS ☐ Minor ☐ Moderate ☐ Major ☐ Replace ☐ N/A

Overall Operational Rating ☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Failing

Average kBTU/sf of this building: _____

National K-12 Schools: 114 kBTU/sf
Northeast and Mid-Atlantic K-12 Schools: 66 kBTU/sf
Massachusetts Schools: 67 kBTU/sf



Educational Planning Sub-committee



Barbara Deane-Williams, Lead Convener

Rahn Dorsey, Chief of Education

Ramon Soto, Mayor's Office

Karla Estrada, BPS

Ryan Scallon, BPS

Mary Driscoll, BPS

TBD, Principal

Carleton Jones, BPS

Khadijah Brown, BPS

Mary McCoy, Budget

Brian McLaughlin, PCMD

TBD, SPEDPAC

Paul Tritter, BTU

TBD, BSAC

Heshan Berents-Weeramuni, CPC

Harneen Chernow, CPC

TBD, At-Large

BPS Educational Vision



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

Phase II Team Educational Assessment



Philip J. Poinelli, SMMA

Alex C. Pitkin, SMMA

Susan C. Zoller, MGT of America

Joe Clark, MGT of America

David Stephen, New Vista Design

Michael van Hamel, SMMA

Criteria
Evaluation Form

SCHOOL NAME: LEE ACADEMY ELC

ID#: 00350001

3 | Educational Analysis

Building originally designed as: ☐ HS ☐ JHS ☐ MS ☐ K-8 ☐ ES ☐ EEC

The grade configuration this school is best suited to:

• Pre-K to 1	<input type="checkbox"/> YES <input type="checkbox"/> NO	• 7 to 8	<input type="checkbox"/> YES <input type="checkbox"/> NO
• Pre-K to 3	<input type="checkbox"/> YES <input type="checkbox"/> NO	• 6 to 12	<input type="checkbox"/> YES <input type="checkbox"/> NO
• Pre-K to 5	<input type="checkbox"/> YES <input type="checkbox"/> NO	• 7 to 12	<input type="checkbox"/> YES <input type="checkbox"/> NO
• Pre-K to 6	<input type="checkbox"/> YES <input type="checkbox"/> NO	• 9 to 12	<input type="checkbox"/> YES <input type="checkbox"/> NO
• 4 to 6	<input type="checkbox"/> YES <input type="checkbox"/> NO		
• 6 to 8	<input type="checkbox"/> YES <input type="checkbox"/> NO		

COMMENT: _____

Educational Building Analysis

Ventilation	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
Natural Daylighting	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
Air Quality	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
Acoustical	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
Technology					
• Power	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
• Wireless	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
• Interactive	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
Furniture	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
Finishes	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
Environment (inviting/stimulating/comfortable):	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
Adjacencies of Learning Environments:	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
Outdoor Classrooms	<input checked="" type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing
Overall Building Rating	<input type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Poor	<input type="checkbox"/> Failing

COMMENT: _____

The site includes:

• Play Grounds/Areas	<input type="checkbox"/> YES <input type="checkbox"/> NO	COMMENT: _____
• Accessible	<input type="checkbox"/> YES <input type="checkbox"/> NO	COMMENT: _____
• Play Fields	<input type="checkbox"/> YES <input type="checkbox"/> NO	COMMENT: _____
• Outdoor Classrooms	<input type="checkbox"/> YES <input type="checkbox"/> NO	COMMENT: _____

Can the building change typology easily? ☐ YES ☐ NO COMMENT: _____

Can the building be transformed educationally to serve 21st C needs? ☐ YES ☐ NO COMMENT: _____

Can the building serve as swing space? ☐ YES ☐ NO COMMENT: _____

Is the building between 85% to 115% utilization rate? ☐ YES ☐ NO COMMENT: _____



SCHOOL NAME: LEE ACADEMY ELL

ID#: 00350001

4 | Elementary: Pre-K to 6

Room Type	Quantity	MSBA Area	Actual Area	Adequacy
Pre-K:	5	1200	740	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Kindergarten	4	1200	740	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Classroom (General Education)	4	950	740	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Special Education				
• Self Contained	1	950	420	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
• Resource of Small Group	1	500	324	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Art Classroom	1	1000	740	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Music Classroom		1200		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Gymnasium		6000		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Media Center				<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Dining	2	4220	total 1800	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
• Stage		1000		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Medical	1	410	252	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Administration & Guidance		1900	617	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Custodial/Maintenance		1900		<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:

• Engaged Learning

• Differentiated Learning

• Cognitively demanding tasks/programs

• Equitable access to a rigorous curriculum

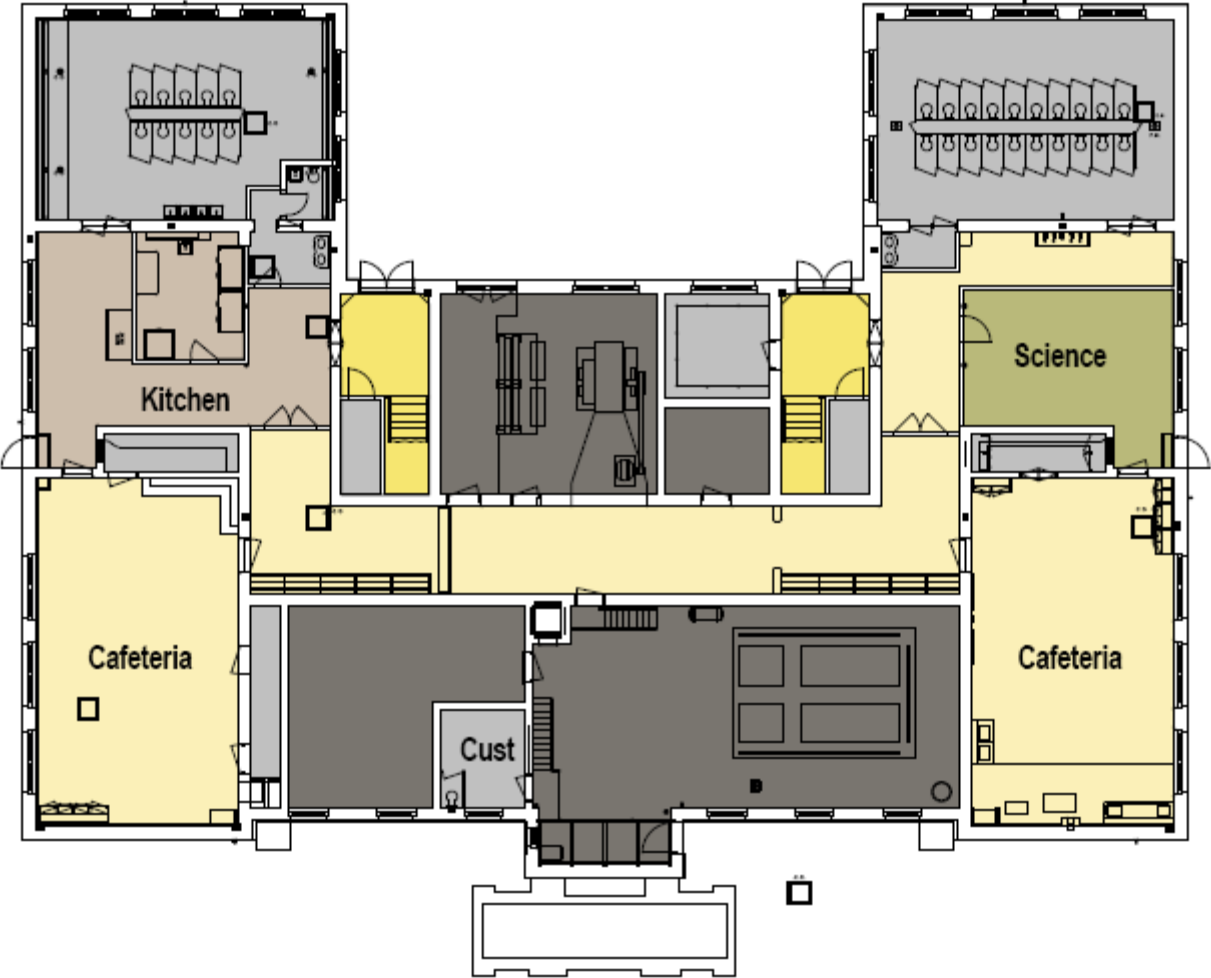
• Vision of 21st Century digital learning

Comments: _____

Existing Conditions

PROGRAM PLAN LEGEND

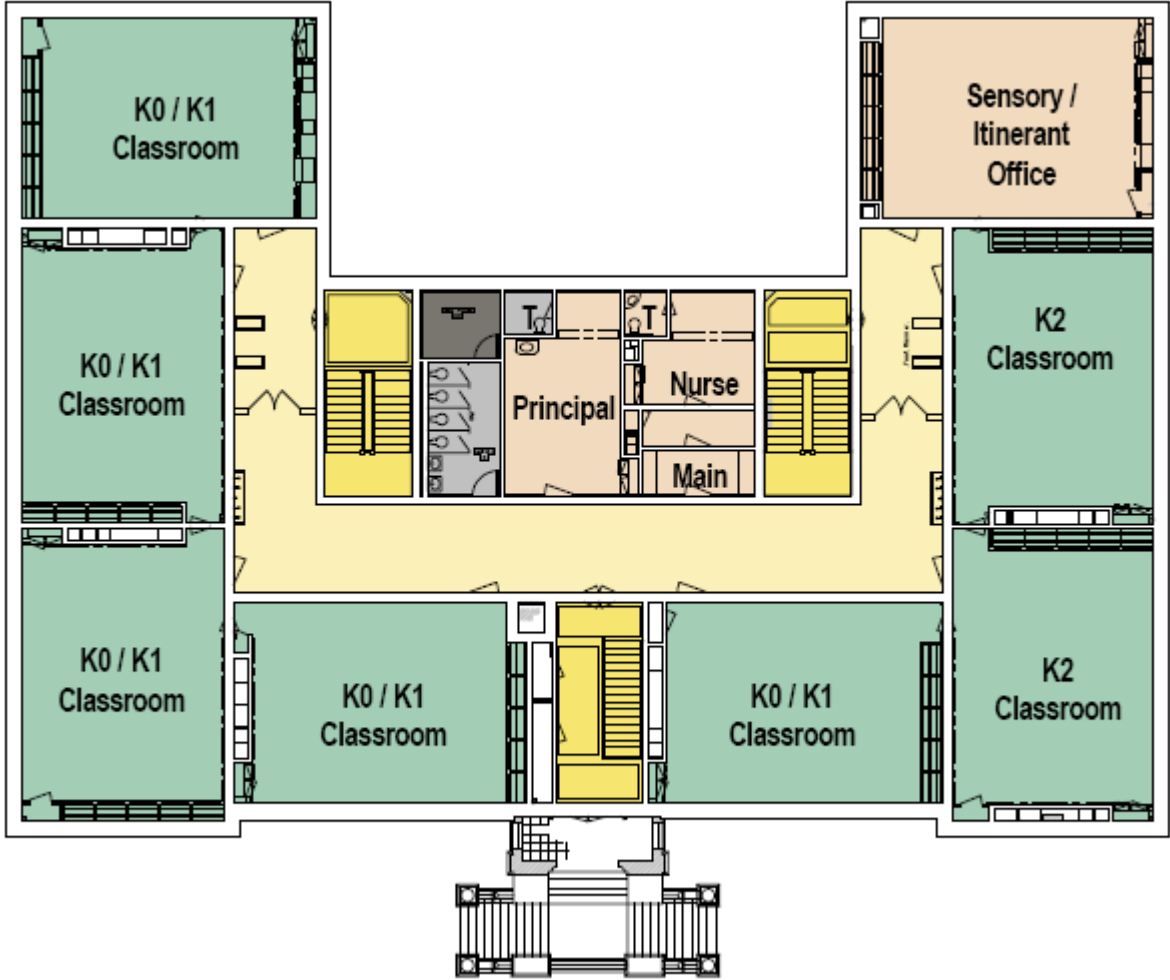
- | | |
|--|------------------------------------|
| ADMINISTRATION / GUIDANCE / STUDENT SERVICES / NURSE | MEDIA CENTER |
| BUILDING EQUIPMENT | OTHER |
| CAFETERIA & CIRCULATION | PHYSICAL EDUCATION & SPORT SUPPORT |
| CLASSROOM & GENERAL EDUCATION SUPPORT | SPECIAL EDUCATION |
| CUSTODIAL / MAINTENANCE / STORAGE | TEACHER PLANNING & SUPPORT |
| HEALTH & FITNESS | VERTICAL CIRCULATION |
| KITCHEN / SERVERY | VOCATIONAL & TECHNOLOGY |



Existing Conditions

PROGRAM PLAN LEGEND

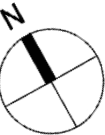
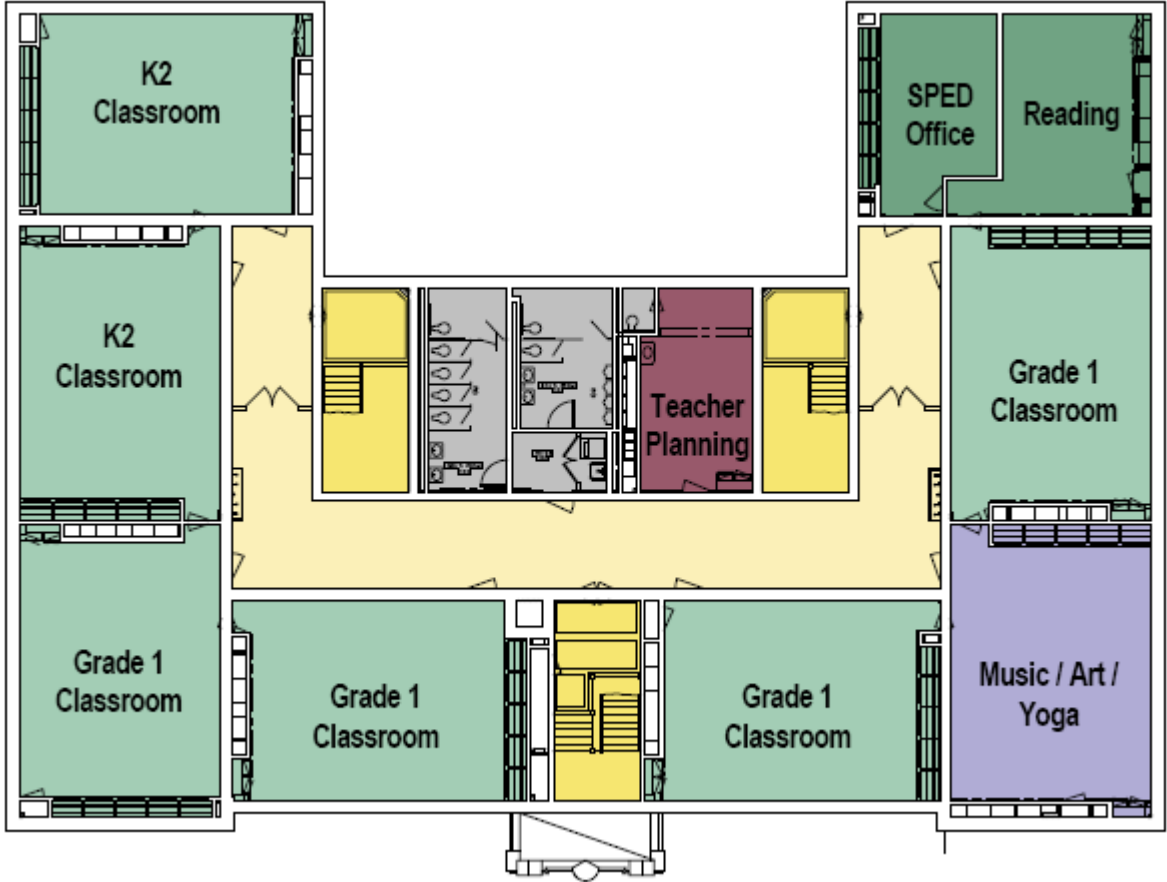
- | | |
|--|------------------------------------|
| ADMINISTRATION / GUIDANCE / STUDENT SERVICES / NURSE | MEDIA CENTER |
| BUILDING EQUIPMENT | OTHER |
| CAFETERIA & CIRCULATION | PHYSICAL EDUCATION & SPORT SUPPORT |
| CLASSROOM & GENERAL EDUCATION SUPPORT | SPECIAL EDUCATION |
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| HEALTH & FITNESS | VERTICAL CIRCULATION |
| KITCHEN / SERVERY | VOCATIONAL & TECHNOLOGY |



Existing Conditions

PROGRAM PLAN LEGEND

- | | |
|--|------------------------------------|
| ADMINISTRATION / GUIDANCE / STUDENT SERVICES / NURSE | MEDIA CENTER |
| BUILDING EQUIPMENT | OTHER |
| CAFETERIA & CIRCULATION | PHYSICAL EDUCATION & SPORT SUPPORT |
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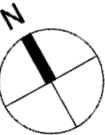
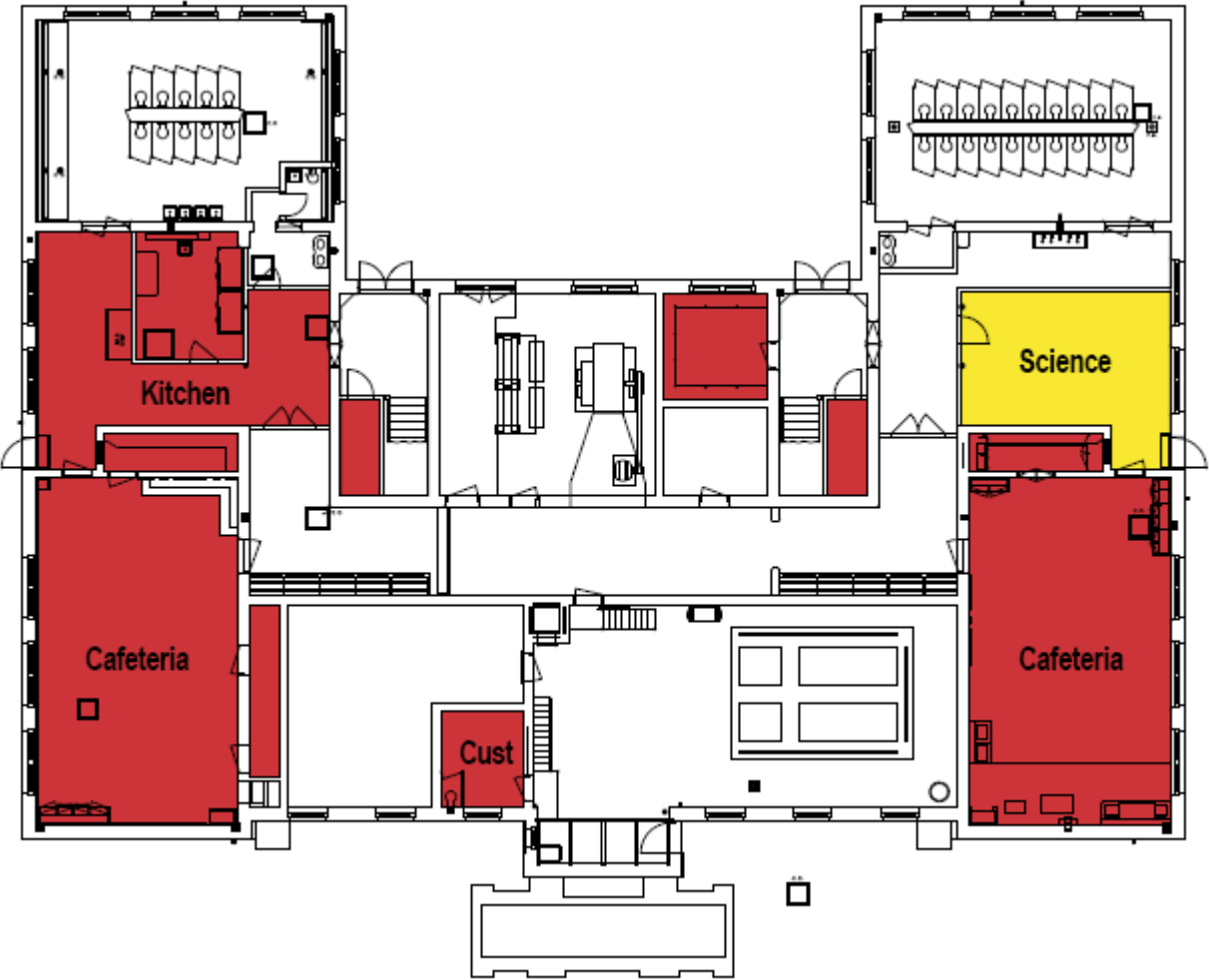
MSBA Space Summary

Lee Academy		Existing Conditions	MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)	
ROOM TYPE	area totals	% Deficient/ Undersized	area totals	Comments
CORE ACADEMIC SPACES	9,584	39%	6,900	
SPECIAL EDUCATION	420	-86%	3,020	
ART & MUSIC	730	873%	75	
HEALTH & PHYSICAL EDUCATION	0	-100%	6,300	
MEDIA CENTER	0	-100%	2,020	
DINING & FOOD SERVICE	1,807	-57%	4,230	
MEDICAL	252	-39%	410	
ADMINISTRATION & GUIDANCE	1,393	-31%	2,015	
CUSTODIAL & MAINTENANCE	617	-68%	1,900	
OTHER	8,165		0	
Total Building Net Floor Area (NFA)	22,968	-15%	26,870	
Proposed Student Capacity / Enrollment	139	-15%	164	
			(2015/2016 Enrollment)	
Total Building Gross Floor Area (GFA) ²	31,654	7%	29,520	
Grossing factor (GFA/NFA)	1.38	25%	1.10	

Existing Conditions

MSBA DEFICIENCY PLAN

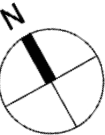
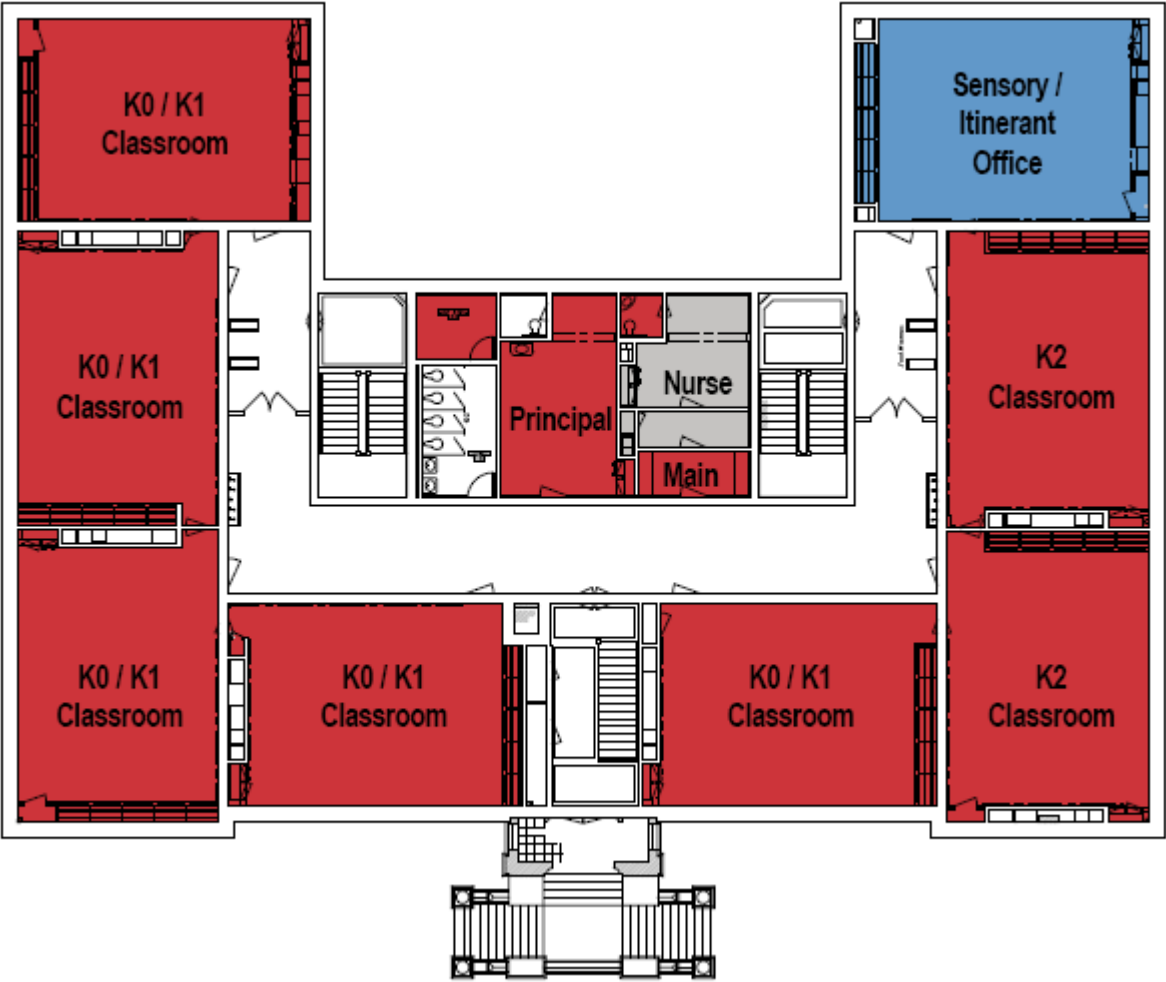
- NOT INCLUDED IN A TYPICAL MSBA PROJECT
- NSF 10% GREATER THAN MSBA GUIDELINES
- NSF 20% OR MORE LESS THAN MSBA GUIDELINES
- NSF MEETS MSBA GUIDELINES (-20% TO +10%)



Existing Conditions

MSBA DEFICIENCY PLAN

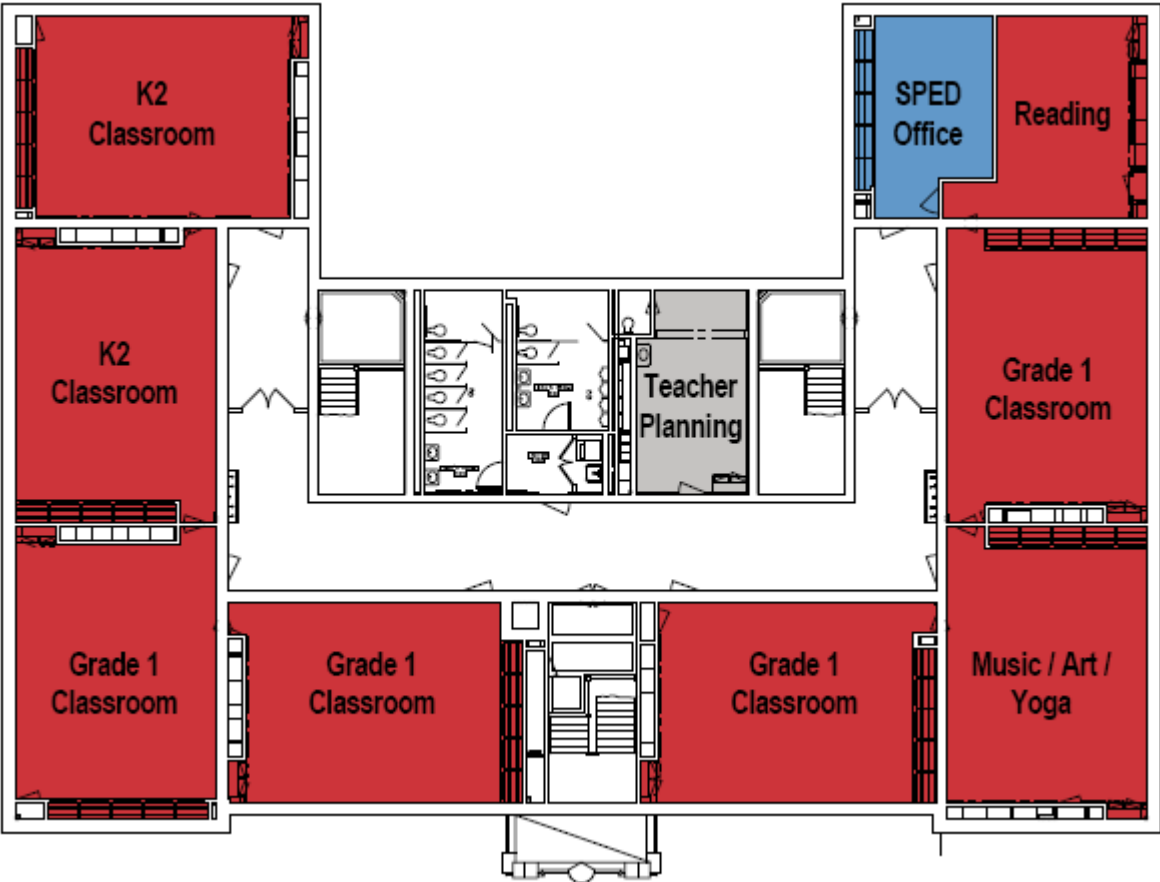
- NOT INCLUDED IN A TYPICAL MSBA PROJECT
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21st Century Teaching & Learning



The 6 Rs

Reading	Rigor
Writing	Relevance
Arithmetic	Relationship

The 4 Cs

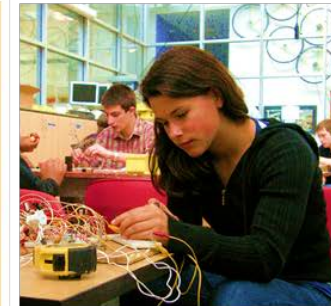
- Critical Thinking
- Communication
- Collaboration
- Creativity

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

Transition at Lee Academy

TRANSITION AT LEE ACADEMY - Next 3 years

	THIS YEAR 15-16	16-17	17-18	18-19
K0	1 2 3 4			
K1	5 27 Reg Ed 13 IEPs			4- K0/K1s
K2	1 2 3 4 52 Reg Ed 12 IEPs	14 13 Reg Ed 6 6-7 IEPs		2 K2s
Gr. 1	1 2 3 4 61 Reg Ed 11 IEPs	17 17 17 Reg Ed 4 4 4 IEPs		2 Gr 1s
Gr. 2		KEEP 2nd graders		2 Gr 2s
Gr. 3			KEEP 3rd graders	2 Gr 3s

pieces of info - text with no prompting multiparagraph

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

Templeton Center
Elementary
School

First Floor



Outdoor Classroom



Early Education Schools

Early Education



Early Education

Early Education: Art



1,200 square feet
Associated storage room
Associated kiln room

Early Education



Alternative / Personalized / Special Education – Breakout Rooms

Early Education



Early Education

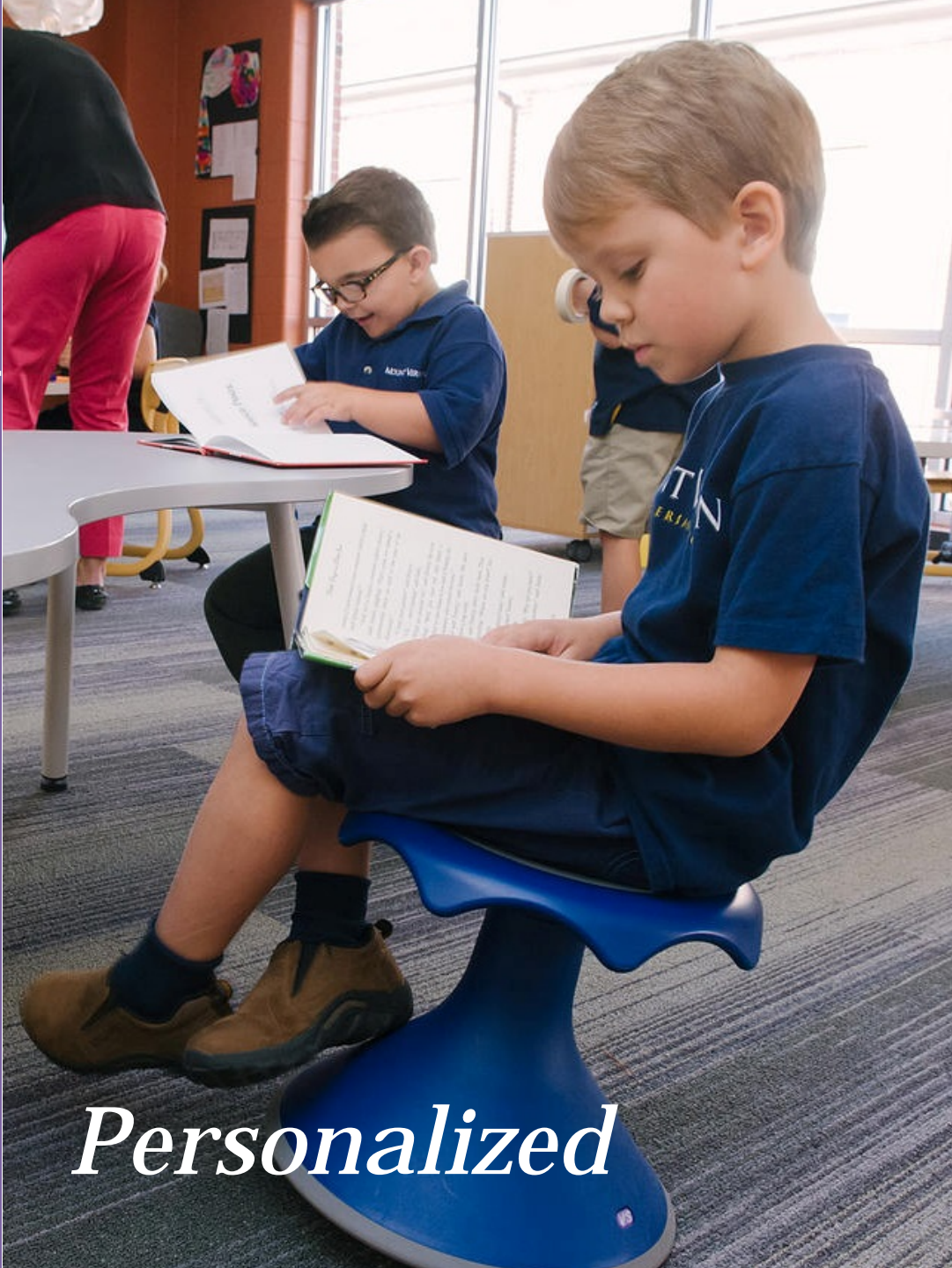
Special Education: OT/PT



OT/PT Gross and fine motor skills

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

Early Education



Personalized



Fielding Nair International, Architects

Early Education

Student Dining / Cafeteria / Stage



Early Education

Teacher Planning / Collaboration



Early Education



Learning Commons

Early Education



Anytime/Anywhere Learning

Early Education



Anytime/Anywhere Learning

Early Education

Secure Entry / Administration



Early Education

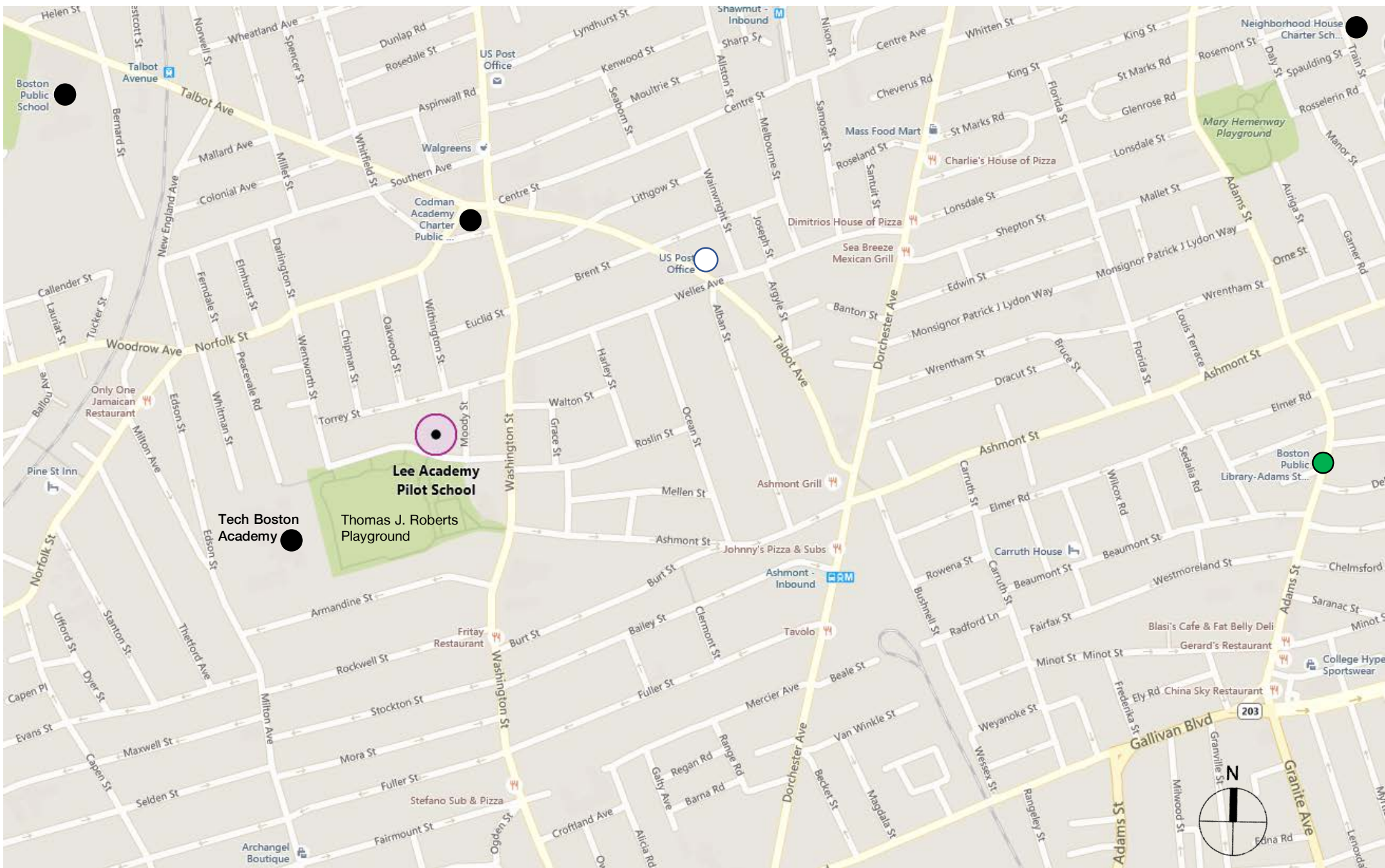
Outdoor Learning Environments

FOCUS ON
DISTRICT GOALS

USE POWERFUL
TOOLS

ENGAGE THE
COMMUNITY

Neighborhood
Lee Academy Early
Learning Center



Neighborhood

Lee Academy Early Learning Center



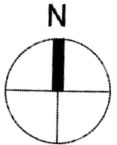
 City Owned Parcels

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

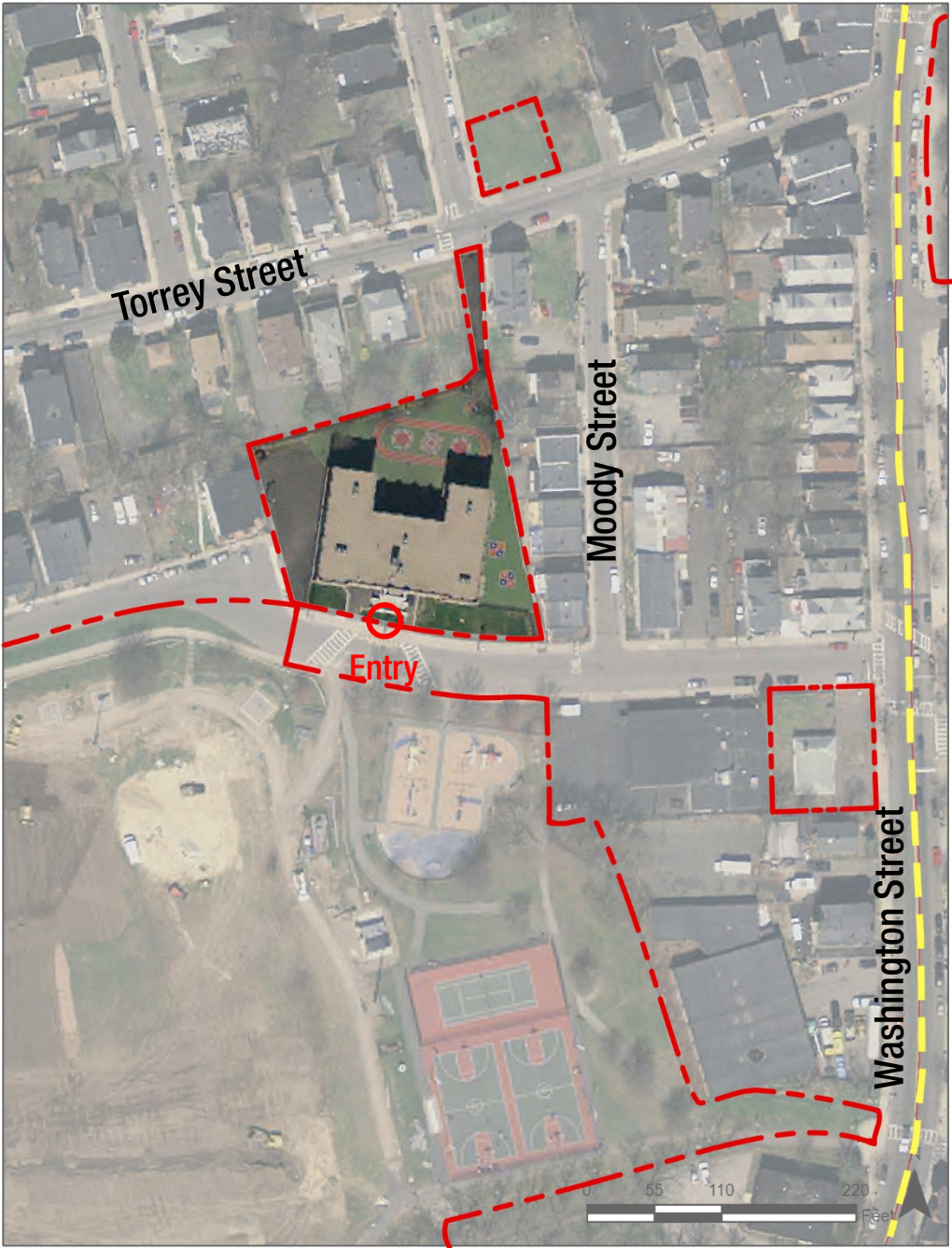
Transportation

-  T Stops
-  Bike Routes



SITE PLAN

Lee Academy Early Learning Center



- Property Line
- Set Back
- MBTA Bus Route
- Existing Bike
- MBTA Subway
- Entrances
- (P) Parking

Community / School Questions / Concerns





Thank You

Next Steps



Small Groups and Discussion



Facility:

What are your impressions of the Building's physical state based on what you heard today?

Community:

How does the English High School support its neighborhood?

How does the English High School support its wider district area?

Educational program "fit":

Does the English High School have the spaces it needs to serve its teachers and students?

What changes would you recommend for the physical building?