

Build BPS

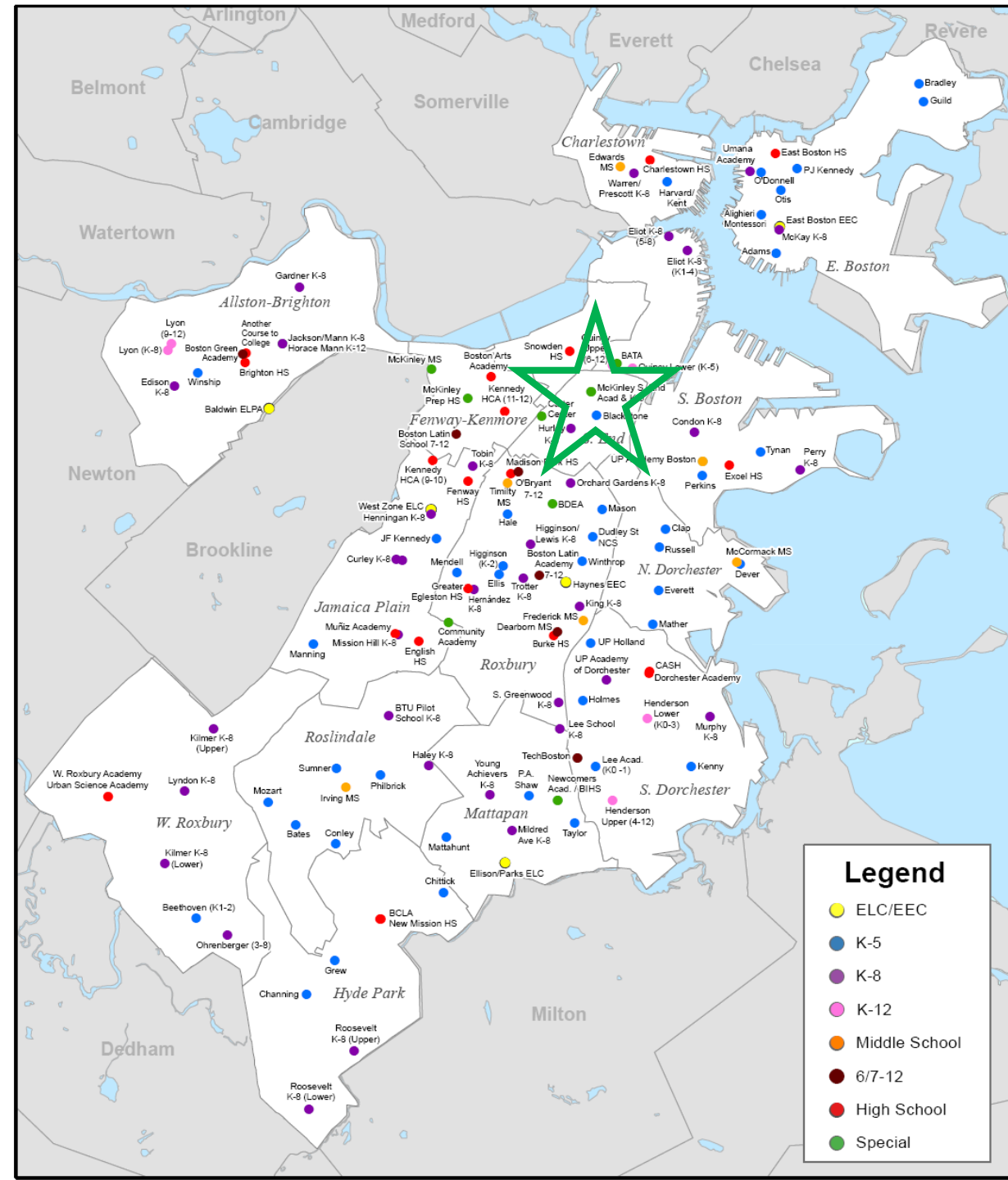
Welcome to the
McKinley South End
Academy School

February 24, 2016



District Map

BOSTON
PUBLIC
SCHOOLS
SY 2015 - 2016

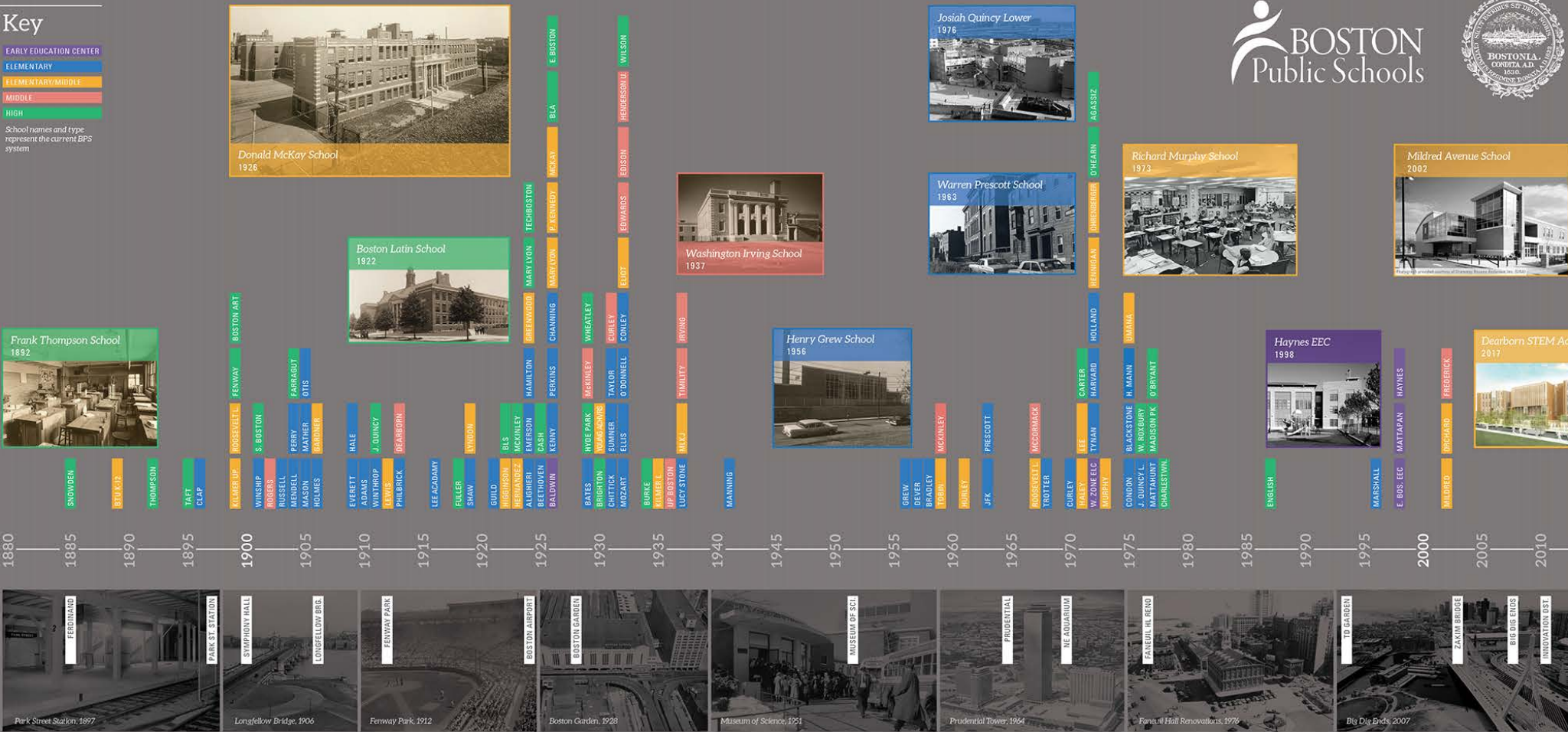


BPS Timeline

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

Phase II Process

Physical Analysis Report

Educational Program Assessment Report

21st Century Educational Concepts & Spaces

Site and Neighborhood Discussion

Next Steps and Q&A

Facility Physical Assessment



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

Criteria
Evaluation Form

SCHOOL NAME: KILLISNA MCKINLEY S. AND ACADEMY ID#: _____
HISTORICAL BUILDING NAME: MCKINLEY SCHOOL ENROLLMENT: 92
BUILDING ENROLLMENT: 92

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

HVAC Distribution Systems

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

Electrical Service

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

Existing Photovoltaics

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

Life Safety

- Means of Egress
- Fire Protection

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

Security

- Entry Sequence
- Systems

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

Lighting Quantity/Quality

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: MODERATE
☐ YES ☒ Not Observed COMMENT: _____
☒ YES ☐ Not Observed COMMENT: _____
☐ YES ☒ Not Observed COMMENT: _____
☒ YES ☐ Not Observed COMMENT: LIKELY UNREINFORCED MASONRY
☐ YES ☒ Not Observed COMMENT: _____

Is the lateral system identifiable?

☐ 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: _____

Community Use Spaces

☐ YES ☒ NO COMMENT: _____

Community Building Rating

☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Failing

Building suitability for school use?

☐ YES ☐ NO COMMENT: _____

SCHOOL NAME: MCKINLEY ID#: _____
SCHOOL ENROLLMENT: _____
BUILDING ENROLLMENT: _____

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: OVER PARKING LOT

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: _____

Accessible to Mass Transit?

☒ YES ☐ NO COMMENT: 3 MI TO BACK BAY, 29 B

Bikable?

☒ YES ☐ NO COMMENT: CONNECTED NEIGHBORHOOD

Walkable?

☒ YES ☐ NO COMMENT: W/ WIDE STREET

Community Site Rating

☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Failing

Site suitability for school use?

☐ YES ☐ NO COMMENT: _____

Phase II Team Educational Planning



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

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

Criteria
Evaluation Form

SCHOOL NAME: MCKINLEY

ID#: _____

4 | Elementary: Pre-K to 8

Room Type	Quantity	MSBA Area	Actual Area	Adequacy
Pre-K:		1200		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Kindergarten		1200		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Classroom (General Education) Gr. 1-5	8	950	1300	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Classroom (General Education) Gr. 6-8	4	950	2x900 2x1300	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Science		1200		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Special Education				
• Self Contained		950		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
• Resource of Small Group		500		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Art Classroom Gr. 1-5		1200		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Art Classroom Gr. 6-8		1500		<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
Vocation and Technology				<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				<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				<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Administration & Guidance				<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:

SCHOOL NAME: MCKINLEY

ID#: _____

4 | High Schools: 9 to 12

Room Type:	Quantity	MSBA Area	Actual Area	Adequacy
Classroom (General Education)	13	850	8x630 5x1300	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
• Teacher Planning space(s)		300	0	
• Small Group				
Science	1	1,400	1350	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Special Education				
• Self Contained	9	950	200- 1300	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
• Resource of Small Group	1	500	470	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Art Classroom	3	1,200	750, 889 1925	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Music Classroom		1,500		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Vocation and Technology	1	2000 varies	1952	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Gymnasium	1	12,000	10,000	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
• PE Alternatives	1	3,000	900	<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	1	460	2785	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Auditorium	1	613	5061	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
• Stage	1	1,600	1037	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Medical	2	410	250	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Administration & Guidance		3070	9862	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor
Custodial/Maintenance		2,075	2862	<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 to Discuss:

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

Comments:

Criteria
Evaluation Form

SCHOOL NAME: McKIMLEY

ID#: _____

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 type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
Natural Daylighting	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
Air Quality	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
Acoustical	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
Technology	
• Power	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
• Wireless	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
• Interactive	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
Furniture	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
Finishes	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
Environment (inviting/stimulating/comfortable):	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
Adjacencies of Learning Environments:	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Failing
Outdoor Classrooms	<input type="checkbox"/> Excellent <input 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?	<input type="checkbox"/> YES <input type="checkbox"/> NO	COMMENT: _____
Can the building be transformed educationally to serve 21 st C needs?	<input type="checkbox"/> YES <input type="checkbox"/> NO	COMMENT: _____
Can the building serve as swing space?	<input type="checkbox"/> YES <input type="checkbox"/> NO	COMMENT: _____
Is the building between 85% to 115% utilization rate?	<input type="checkbox"/> YES <input type="checkbox"/> NO	COMMENT: _____

SCHOOL NAME: McKIMLEY

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 Count	Pupil Count				

Annual Maintenance Cost	\$	\$	\$	\$	\$
Annual Transportation Cost	\$	\$	\$	\$	\$

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

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

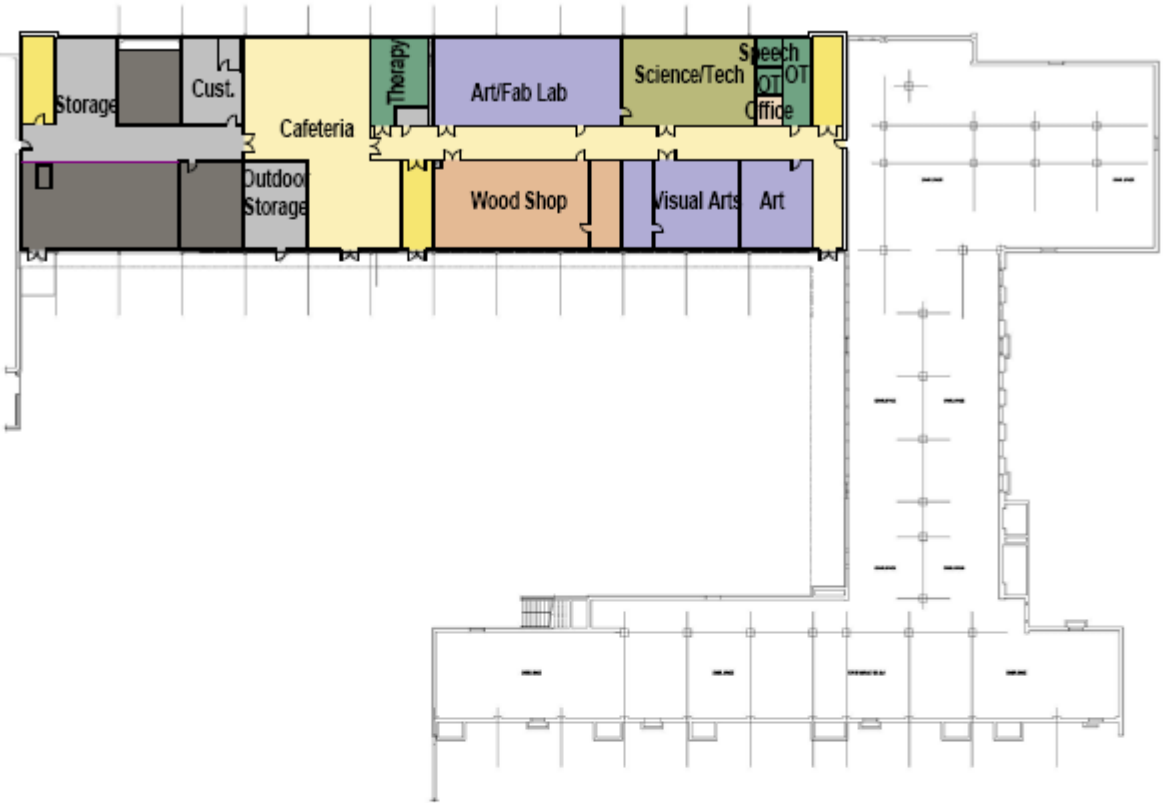
Overall Operational Rating ☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Failing

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



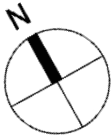
Existing Conditions



McKINLEY MACKEY SCHOOL - BASEMENT PLAN

PROGRAM PLAN LEGEND

- ADMINISTRATION / GUIDANCE / STUDENT SERVICES / NURSE
- ART & MUSIC
- BUILDING EQUIPMENT
- CAFETERIA & CIRCULATION
- CUSTODIAL / MAINTENANCE / STORAGE
- SCIENCE CLASSROOM & SUPPORT
- SPECIAL EDUCATION
- VERTICAL CIRCULATION
- VOCATIONS & TECHNOLOGY



PROGRAM
FLOOR PLANS
First Floor

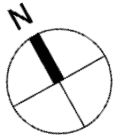
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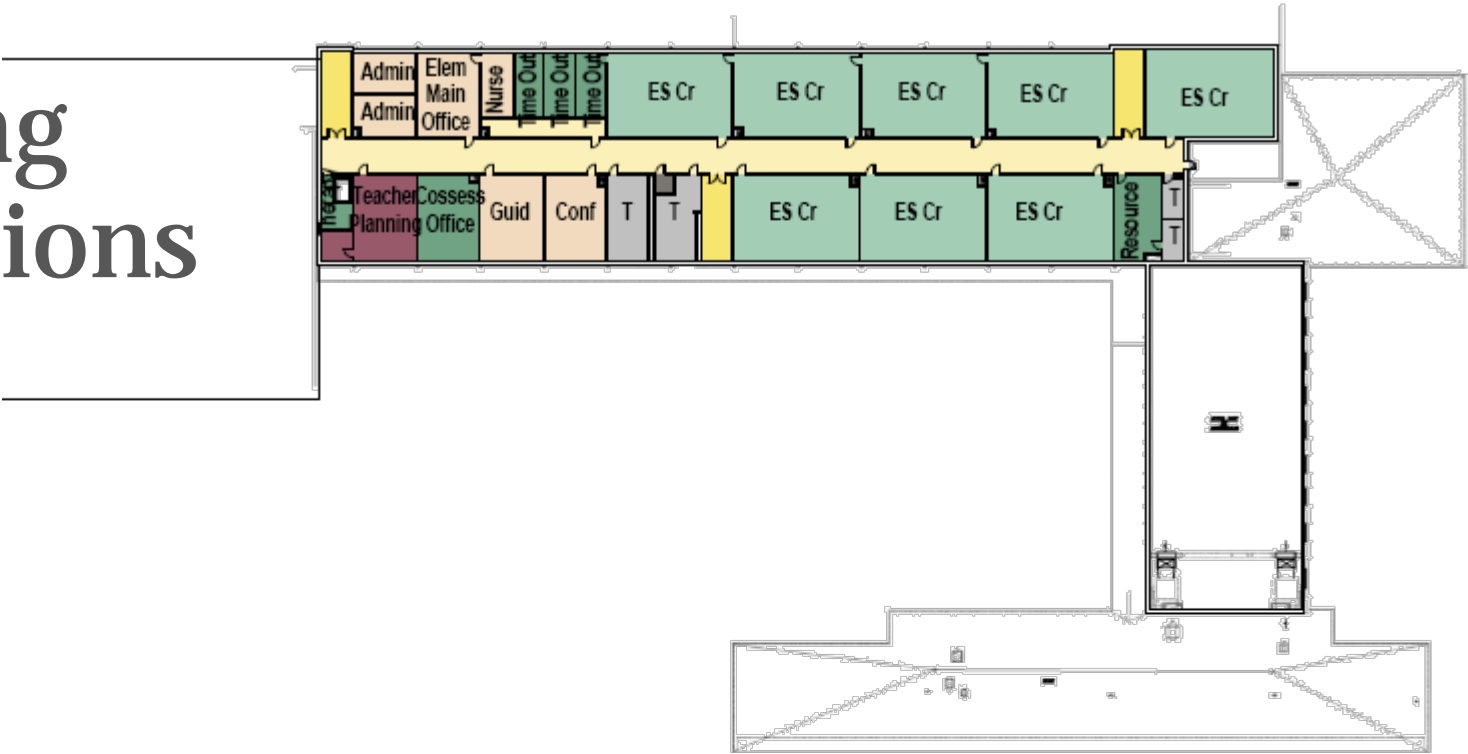
McKINLEY MACKEY SCHOOL - FIRST FLOOR PLAN

PROGRAM PLAN LEGEND

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



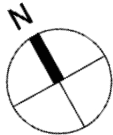
Existing Conditions



McKINLEY MACKEY SCHOOL - SECOND FLOOR PLAN

PROGRAM PLAN LEGEND

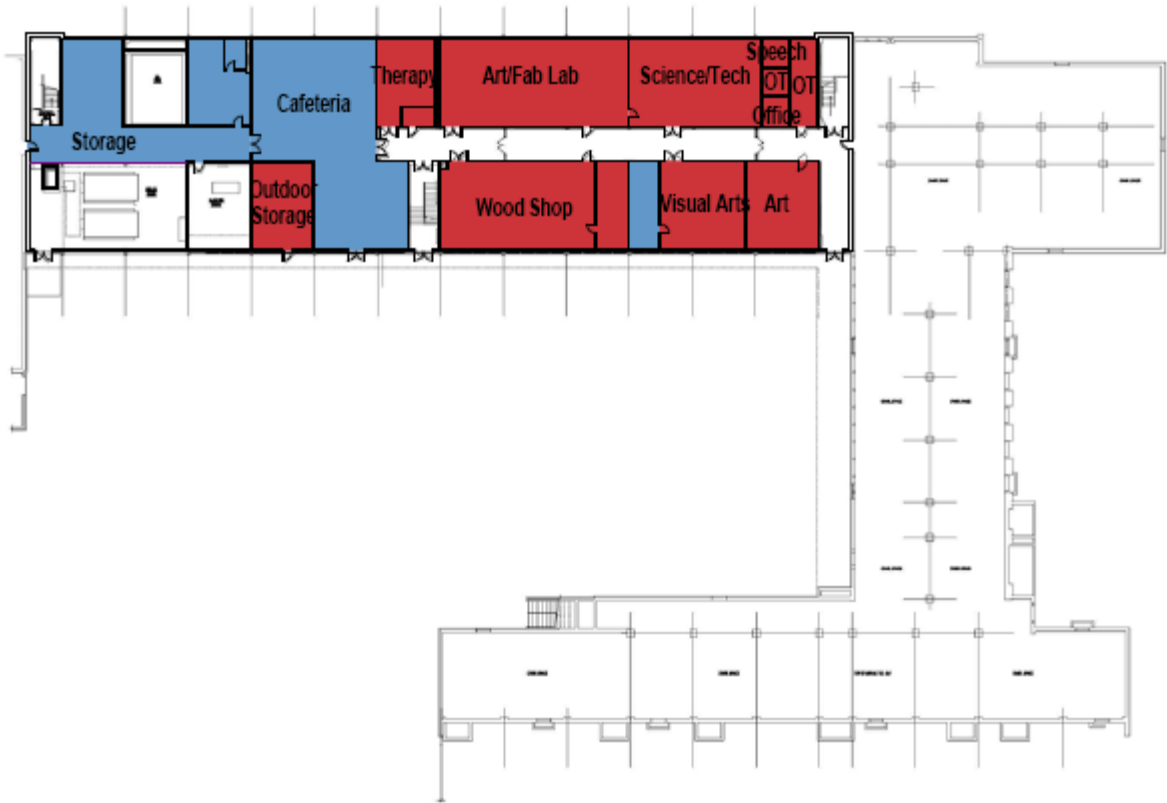
- ADMINISTRATION / GUIDANCE / STUDENT SERVICES / NURSE
- BUILDING EQUIPMENT
- CAFETERIA & CIRCULATION
- CLASSROOM & GENERAL EDUCATION SUPPORT
- CUSTODIAL / MAINTENANCE / STORAGE
- SPECIAL EDUCATION
- TEACHER PLANNING & SUPPORT
- VERTICAL CIRCULATION



MSBA Space Summary

McKinley South End 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	27669	433%	5,190	
SPECIAL EDUCATION	4857	381%	1,010	
ART & MUSIC	3878	-23%	5,050	
VOCATIONS & TECHNOLOGY	1952	#DIV/0!	0	
HEALTH & PHYSICAL EDUCATION	12028	-28%	16,715	
MEDIA CENTER	0	-100%	3,650	
AUDITORIUM / DRAMA	6451	98%	3,286	
DINING & FOOD SERVICE	2785	-17%	3,360	
MEDICAL	511	25%	410	
ADMINISTRATION & GUIDANCE	9862	221%	3,070	
CUSTODIAL & MAINTENANCE	2862	38%	2,075	
OTHER	0		0	
Total Building Net Floor Area (NFA)	72855	88%	43,817	
Proposed Student Capacity / Enrollment	n/a		92	226 (2015/2016 Enrollment)
Total Building Gross Floor Area (GFA) ²	78258	278%	20,792	
Grossing factor (GFA/NFA)	1.07	128%	0.47	

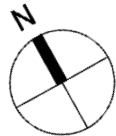
Existing Conditions



McKINLEY MACKAY SCHOOL - BASEMENT PLAN

MSBA DEFICIENCY PLAN

- NSF 10% GREATER THAN MSBA GUIDELINES
- NSF AT LEAST 20% LESS THAN MSBA GUIDELINES



PLAN
DEFICIENCIES
First Floor

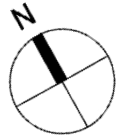
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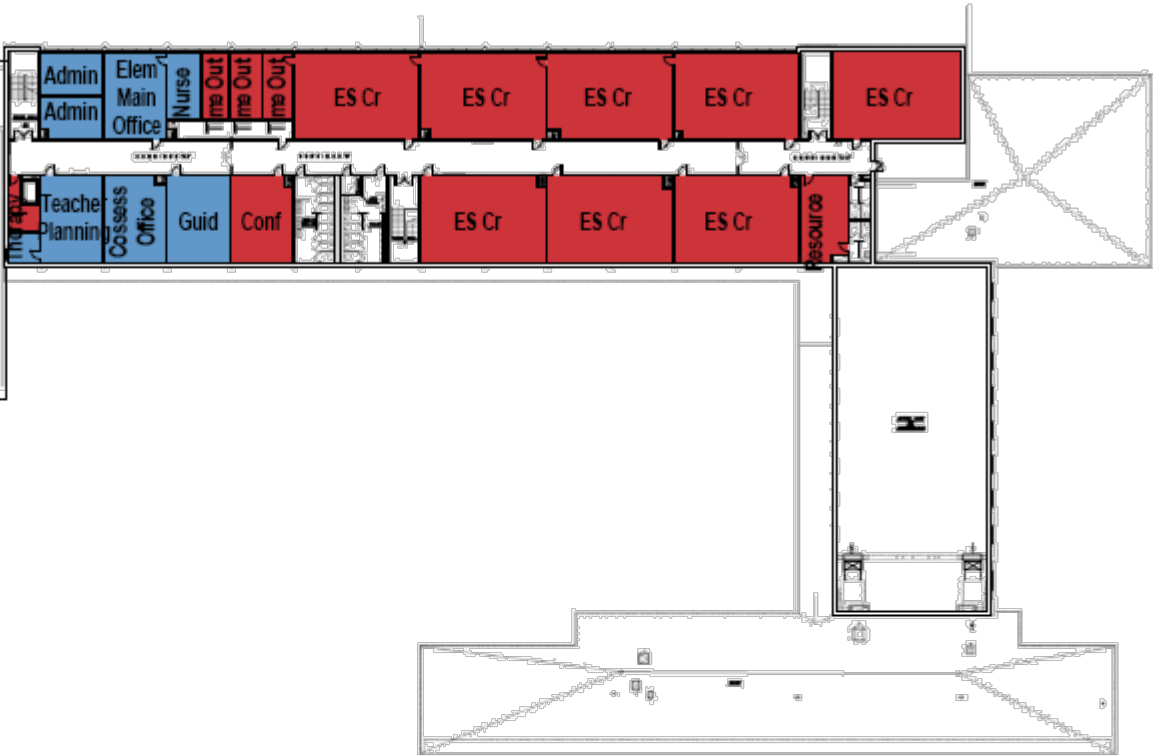
MCKINLEY MACKEY SCHOOL - FIRST FLOOR PLAN

MSBA DEFICIENCY PLAN

- NSF 10% GREATER THAN MSBA GUIDELINES
- NSF AT LEAST 20% LESS THAN MSBA GUIDELINES
- NSF MEETS MSBA GUIDELINES (-20% TO +10%)



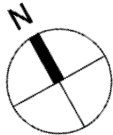
Existing Conditions



McKINLEY MACKEY SCHOOL - SECOND FLOOR PLAN

MSBA DEFICIENCY PLAN

- NSF 10% GREATER THAN MSBA GUIDELINES
- NSF AT LEAST 20% LESS THAN MSBA GUIDELINES



21st Century Teaching & Learning



The 6 Rs

Reading Rigor
Writing Relevance
Arithmetic Relationship

The 4 Cs

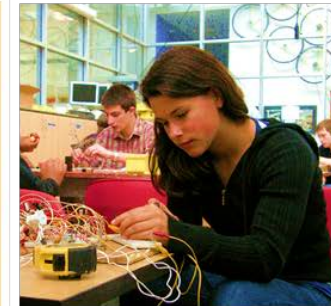
- Critical Thinking
- Communication
- Collaboration
- Creativity

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
 - Learning Environments types and sized (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

ACADEMY

Elementary Schools

FOCUS ON
DISTRICT GOALS

USE POWERFUL
TOOLS

ENGAGE THE
COMMUNITY

ACADEMY

Academic Classrooms:

900 – 950 square feet

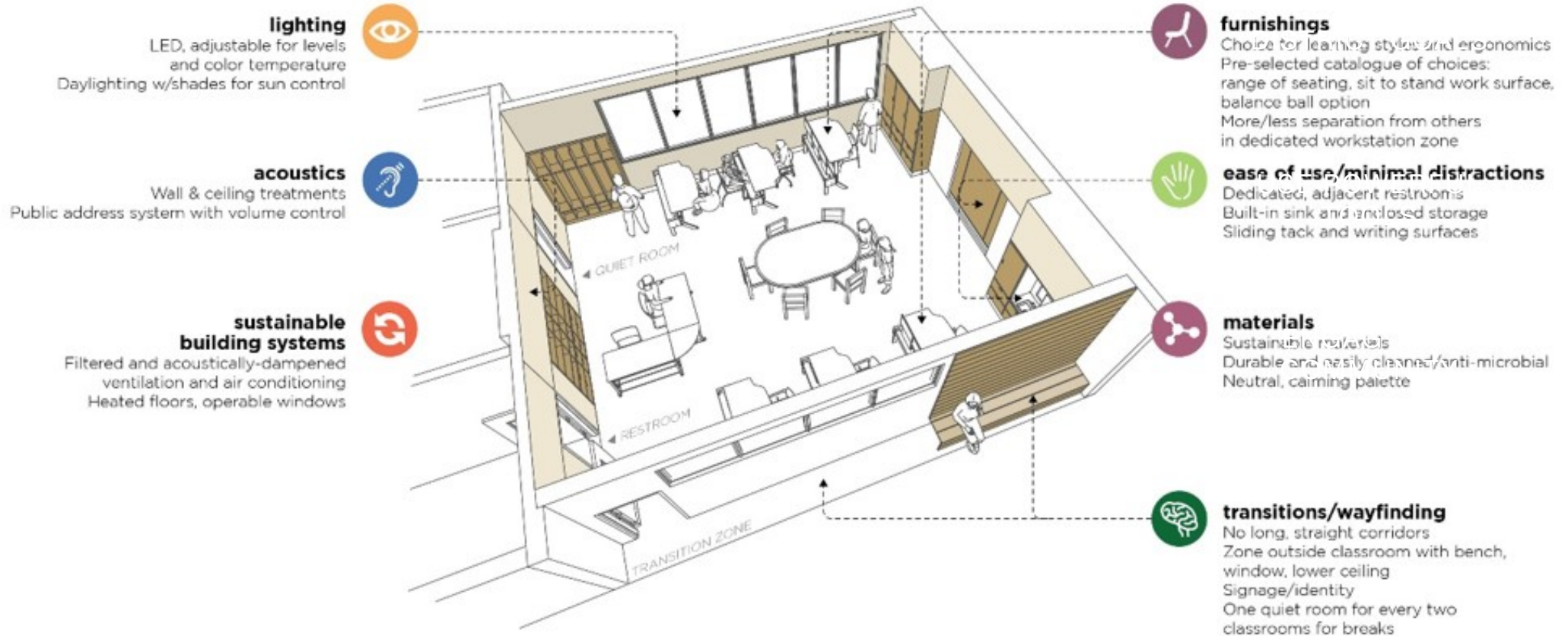
Flexible furniture and environment

Capable of 1:1 Technology environment

Student Centric



Classroom Elements



ACADEMY

Academic Classrooms:



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

ACADEMY

Elementary Science



Not an MSBA Guidelines space

ACADEMY

Maker Spaces

ACADEMY

Learning Commons



ACADEMY

Learning Commons

FOCUS ON
DISTRICT GOALS

USE POWERFUL
TOOLS

ENGAGE THE
COMMUNITY

ACADEMY

Special Education: OT/PT



ACADEMY

Special Education: Resource Room

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



ACADEMY

Alternative / Personalized Special Education – Breakout Rooms



ACADEMY

Enrichment: Art

Fielding Nair International, Architect



1,200 square feet
Associated storage room
Associated kiln room

ACADEMY

Enrichment: Music

1,200 SF

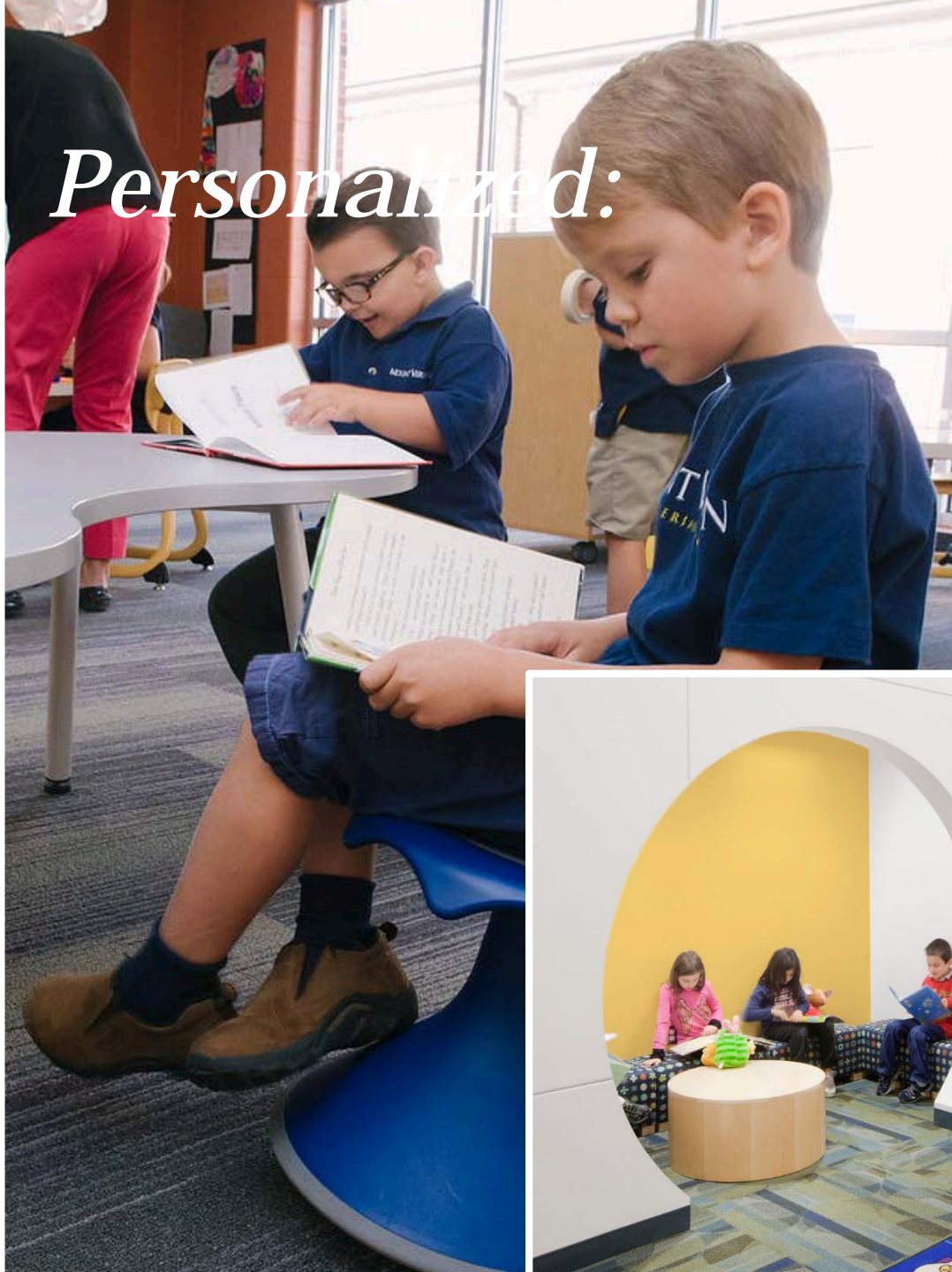
Acoustically isolated

Acoustically appropriate



ACADEMY

Personalized:



ACADEMY

Gymnasium:



6,000 sf
Separate from cafeteria

ACADEMY

Student Dining / Cafeteria / Stage



2 seatings, 15 sf / student

ACADEMY

Multi-Use Cafeteria



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Teacher Planning / Collaboration



ACADEMY

Media Center / Learning Commons



ACADEMY

Secure Entry / Administration



ACADEMY

Secure Entry / Administration



ACADEMY

Outdoor Learning Environments



ACADEMY

Outdoor Learning Environments

FOCUS ON
DISTRICT GOALS

USE POWERFUL
TOOLS

ENGAGE THE
COMMUNITY

ACADEMY

Outdoor Play



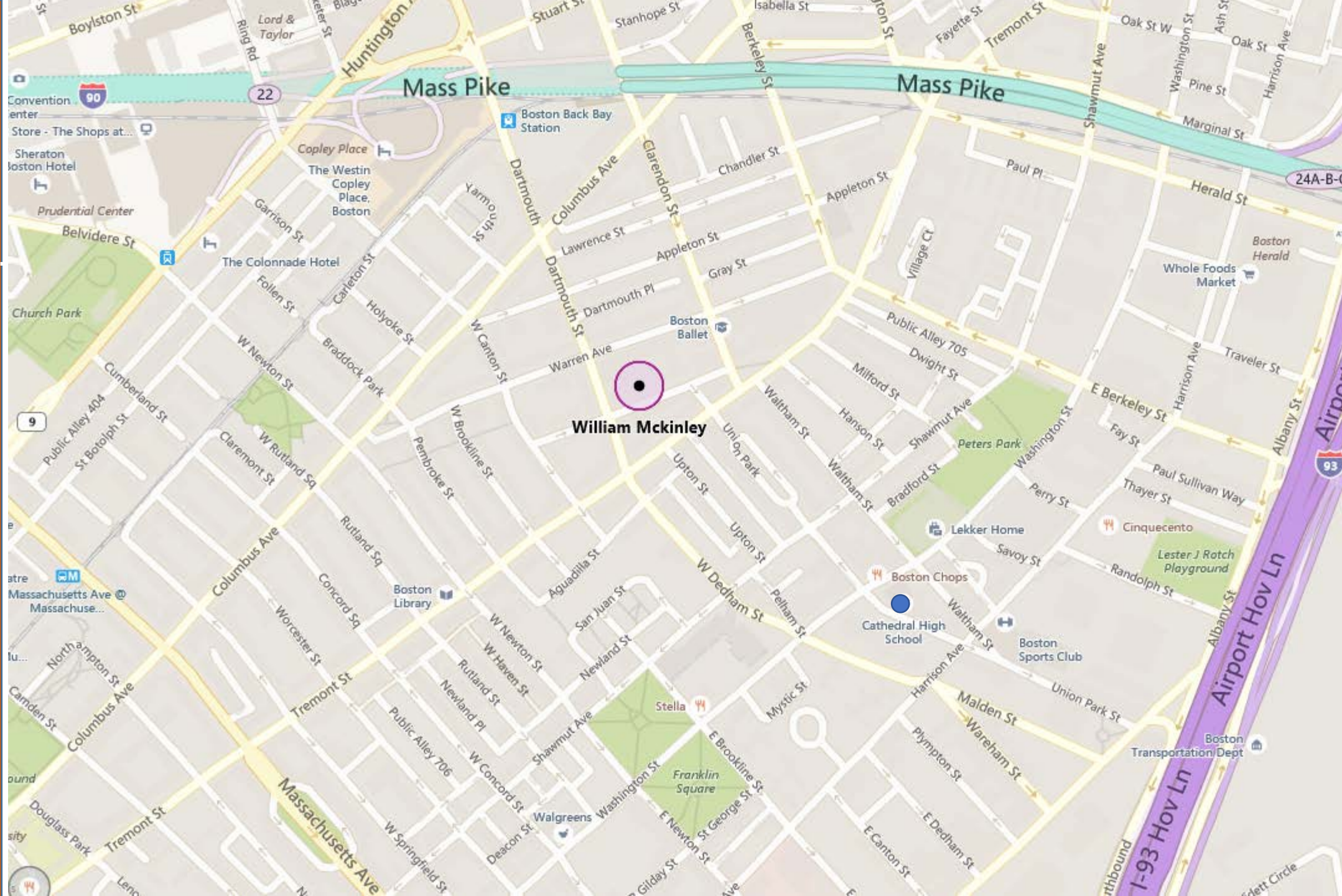
ACADEMY

Outdoor Play



Neighborhood
South End

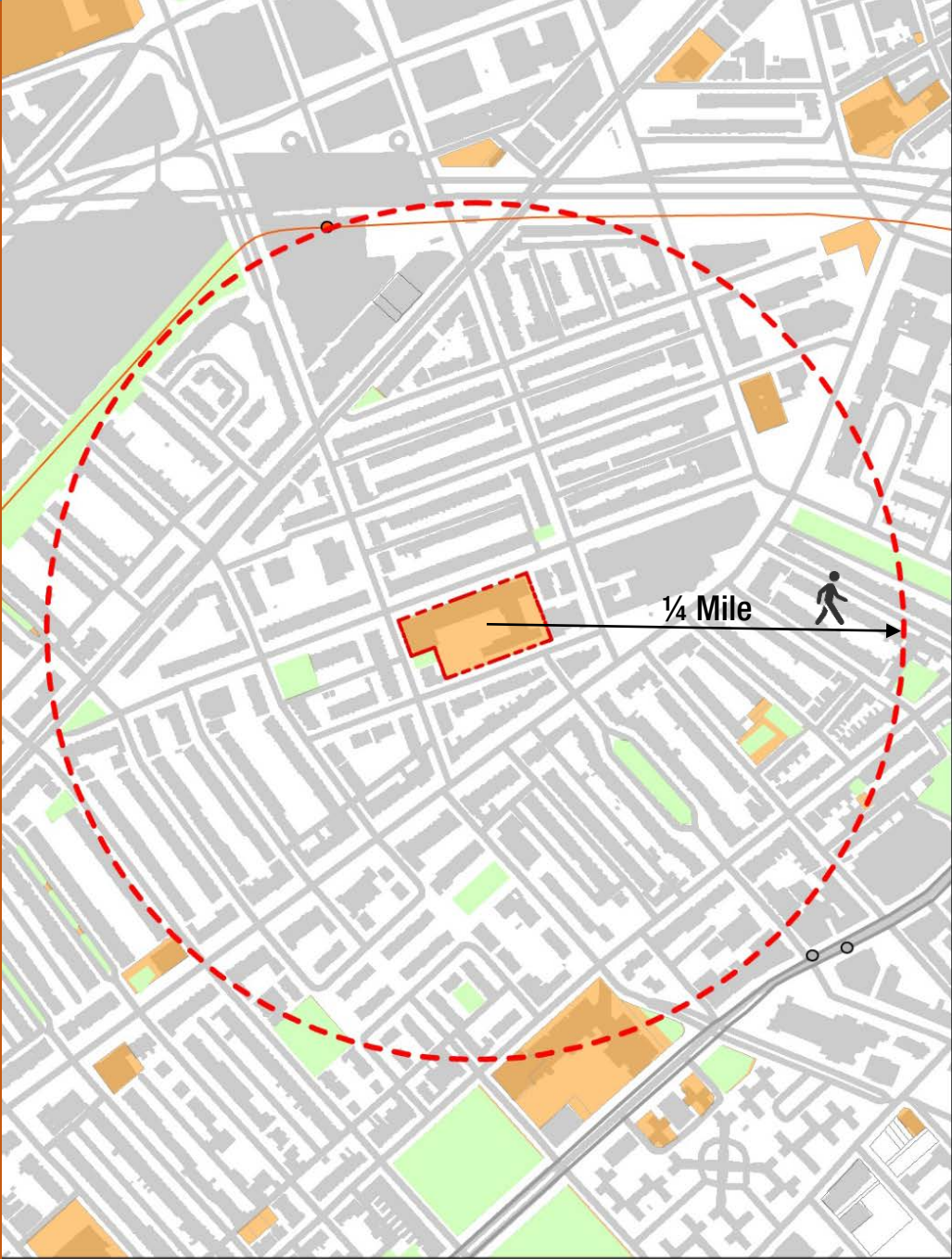
William McKinley
South End Academy



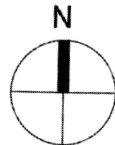
Neighborhood

South End

William McKinley
South End Academy



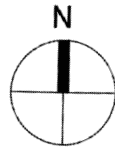
City Owned Parcels



SITE PLAN

South End

William McKinley
South End Academy



Next Steps





Thank You