Agenda

1. Recap of Project Goals
2. Schedule & Expected Next Steps
3. Work Completed to date
4. Summary of Findings
5. Interactive Discussion
Overarching Goals

Create a comprehensive master plan for public buildings that will serve the Town’s needs for the next ten years plus! Think generational.

1. Assess the condition & programmatic needs
2. Discuss the priorities, capital projects & yearly CIP
3. Develop Options ~ Be innovative, be creative, be responsible, be nice!
4. Together, solidify a Master Plan for Suffield’s best future
BUILDING LIST ~ 11 TOTAL BUILDINGS

Town & Public Safety
- FD Station #1 (HQ)
- FD Station #2
- FD Station #3
- FD Station #4
- Police Department
- Town Hall Annex
- Senior Center

Schools
- A. Ward Spaulding School
- McAlister Intermediate School
- Suffield Middle School
- Suffield High School
MILESTONE SCHEDULE

<table>
<thead>
<tr>
<th>Action Item</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXISTING CONDITIONS WALKTHROUGHS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PROGRAMMING SESSIONS &amp; NEEDS ASSESSMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REVIEW FINDINGS ~ CONDITIONS &amp; NEEDS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRIORITIZE ~ FINDINGS &amp; RECOMMENDATIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEVELOP PLANNING OPTIONS FOR COMMUNITY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REVIEW AND DISCUSS PLANNING OPTIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REFINE OPTIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FINALIZE CONCEPTS, SCOPE, SCHEDULE, AND COSTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SELECTION OF PREFERRED OPTION</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COMMUNITY INTERACTION**
- Joint Facilities Master Plan Committee
- Existing Building Tours, Surveys, Open House
- Tri-Board Mtg, BOE, Town Meeting, BOS/BOF/BOE
- Town Meeting Update Presentation
- Public Forums & Workshops
- Other Meetings ~ Review meetings with OSCG&R
- Website postings, updates, and videos

**UPDATED MILESTONE SCHEDULE**

<table>
<thead>
<tr>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/23</td>
<td></td>
</tr>
<tr>
<td>10/14</td>
<td>12/9</td>
</tr>
</tbody>
</table>

(Continued on next page...)
WORK COMPLETED

SO FAR...
Areas Studied

1. **Site** (Pavement, traffic circulation, signs, parking, curbs, sidewalks)

2. **Architectural Exterior** (Building envelope, roofs, windows, doors, masonry, trim, downspouts)

3. **Architectural Interior** (flooring, ceiling, lighting, wall finishes, doors, frames)

4. **Code ~ Accessibility / Life Safety** (accessible entrances, lifts/ramps, floor clearance, sprinklers, fire alarm)

5. **Building Systems** (plumbing, heating, ventilation, air conditioning, lighting, electrical systems, technology, fire protection, fire alarms)
WORK COMPLETED ~ PROGRAMMING

1. Interviews of principals, facilities, and district leadership

2. Questions Included…
   a. What spaces get the most use? The least? What is missing?
   b. What affects quality of education of a daily basis?
   c. What works well, what doesn’t?
   d. How can this facility better support the staff and/or students?

3. Benchmarking existing space to industry standards.
1. **Existing Conditions Survey**  July 2021 – Results posted to Town website

2. **Video Narratives**  – Posted to Town website
   - A. Ward Spaulding Elementary
   - Town Hall Annex
   - (more coming soon)

3. **Open House Walkthroughs**  6/26
   - A. Ward Spaulding Elementary
   - Police Department
   - McAlister Intermediate School
   - Suffield Middle School
   - Fire Station #1 (Headquarters)

4. **SOTG**  11/12 and 11/13 – Presentation boards & handouts, and Parker!
5. **Self-Guided Tours** – Flyers for Open House Events
   - A. Ward Spaulding 9/9
   - McAlister Intermediate 9/14
   - Suffield Middle School 9/21/2021

6. **Facilities Committee Meetings**
   - Upcoming 2021 Mtgs. ~ 10/14, 12/9

7. **Tri-Board Meeting** ~ 6/14/2021

8. **BOE Meeting** ~ 9/20/2021

9. **Upcoming Public Meetings**
   - Public Forum & Workshops ~ November, January, and February
1. Schools are well maintained but sees the life of materials issue
2. Look at what other towns are doing (Enfield, South Windsor, Simsbury)
3. Needs to be palatable to the Town
4. Convey the benefits and potential costs of each option, reimbursement
5. Town loves preserving buildings. How can we celebrate history and progress beyond? (Examples of past efforts given)
6. Look at developing a problem statement. Pair observations / options with the problem statement and provide a vision for how to solve it.
7. Diverse town, will get lots of recommendations from the public. Need to find a way to bring people together to solve this.
SURVEY RECAP ~ EXISTING CONDITIONS

580 Total number of surveys completed!

60% Of respondents feel there is a need to address municipal facilities, but want a comprehensive approach.

52% Would like to see a combination of additions & renovations with new buildings.

94% Want to see more informational surveys as options are developed.
SURVEY RECAP

88% of respondents identified as a Community Member

~75% of respondents are between the ages of 35-64 (evenly distributed)

47% of respondents have lived in Suffield for 20+ years

The majority of respondents live in Suffield for the COMMUNITY CHARACTER*

*Followed by Schools, Regional Location, Family-Community Connection, Public Safety, Town Services, Housing Quality & Employment Opportunities

48% of respondents identified as a Parent of a Suffield Student

2. Summary table for each building with key statistics

3. Conditions ranking by vintage

4. Breakdown list by component

5. Comprehensive Building systems

Resource tool for planning projects!
FD STATION #1 ~ EXISTING CONDITIONS

Address: 73 Mountain Road
Building Area/Site: 4,200 sf / 3.49 acres
Age/Construction: 1962(59)

1962 Original Construction
2020 Additional Paving Added
Site
1. Recent expansion to paved site area
2. Differential settlement and cracking in existing concrete sidewalks
3. Apparatus Bay apron is in good condition

Architectural Exterior
1. Masonry restoration required at chimney
2. Minor rot repair and repainting at wood trim work, railings, and louvers
3. Minor downspout repairs/replacement of downspout clips

Address
73 Mountain Road

<table>
<thead>
<tr>
<th>Building Area/Site</th>
<th>4,200 sf / 3.49 acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age/Construction</td>
<td>1962(61)</td>
</tr>
</tbody>
</table>
FD STATION #1 ~ EXISTING CONDITIONS

Architectural Interior
1. Vinyl asbestos tile present in the building
2. Wood fiber tile ceilings present throughout

Code ~ Accessibility/Life Safety
1. No accessible entrances
2. Non-accessible plumbing fixtures
3. Step at transition between apparatus bay and other program areas

Building Systems
1. All MEP Systems are old and past their useful life.
2. Needs full replacement of all systems

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<tr>
<td>Building Area/Site</td>
<td>4,200 sf / 3.49 acres</td>
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<tr>
<td>Age/Construction</td>
<td>1962(61)</td>
</tr>
</tbody>
</table>
1. No Public Lobby, Entry or restrooms
2. Insufficient Training Room, currently use Substation #2 for Training needs
3. Insufficient Administrative offices
4. Insufficient bunk and living quarters
5. Fitness equipment is currently in basement
6. Insufficient Apparatus Space and lacking physical training elements
7. Insufficient bay storage, decontamination, SCBA per NFPA standards
8. Lack of hot/cold transition zones
9. No segregated turnout gear storage

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<td>Age/Construction</td>
<td>1962(61)</td>
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</tbody>
</table>
# FIRE STATION #1 ~ BENCHMARKING

<table>
<thead>
<tr>
<th>System</th>
<th>Equipment Life Expectancy</th>
<th>Equipment Age</th>
<th>Useful Life Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Protection System</td>
<td>40 Years</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Plumbing Water Heater</td>
<td>25 Years</td>
<td>10 Years</td>
<td>40%</td>
</tr>
<tr>
<td>Plumbing Piping &amp; Fixtures</td>
<td>40 Years</td>
<td>40 Years</td>
<td>100%</td>
</tr>
<tr>
<td>Mechanical Boiler Plant</td>
<td>30 Years</td>
<td>10 Years</td>
<td>33%</td>
</tr>
<tr>
<td>Mechanical Piping &amp; Equipment</td>
<td>40 Years</td>
<td>40 Years</td>
<td>100%</td>
</tr>
<tr>
<td>Mechanical Air Conditioning</td>
<td>25 Years</td>
<td>20 Years</td>
<td>80%</td>
</tr>
<tr>
<td>Mechanical Controls</td>
<td>20 Years</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Electrical Service &amp; Distribution</td>
<td>40 Years</td>
<td>20 Years</td>
<td>50%</td>
</tr>
<tr>
<td>Electrical Lighting</td>
<td>30 Years</td>
<td>40 Years</td>
<td>133%</td>
</tr>
<tr>
<td>Electrical Generator</td>
<td>40 Years</td>
<td>25 Years</td>
<td>63%</td>
</tr>
<tr>
<td>Fire Alarm</td>
<td>20 Years</td>
<td>30 Years</td>
<td>150%</td>
</tr>
</tbody>
</table>

Fire Station #1
Code Minimum Fire Station = 63.5 EUI

EUI 127.3 kBtu/ft²/yr
FD STATION #2

INITIAL FINDINGS
FD STATION #2 ~ EXISTING CONDITIONS

Address: 9 Ratley Road
Building Area/Site: 3,906 sf / 6.89
Age/Construction: 2004 (17)

2004 Original Construction
Site

1. Newer station, well built, good apparatus space, in relatively good condition
2. Some ponding at transition between sidewalk and drive
3. Minor rusting at bottom of bollards

Architectural Exterior

1. Ice dams present at time of walkthrough, persistent issue for some time. May cause damage elsewhere if not properly addressed.
2. Exterior materials are in good condition.

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</thead>
<tbody>
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<td>3,906 sf / 6.89</td>
</tr>
<tr>
<td>Age/Construction</td>
<td>2004 (17)</td>
</tr>
</tbody>
</table>
Architectural Interior
1. Signs of moisture infiltration, possibly from ice dam
2. Ceiling tiles sagging throughout, possibly due to humidity issue
3. Currently used for department training

Code ~ Accessibility/Life Safety
1. Kitchen sink is non-accessible
2. Step at transition between apparatus bay and other program areas

Building Systems
1. Building is newer. All systems in good working condition.
2. Building is 15 years old and will need more maintenance in the next 5 – 10 years.

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<tr>
<td>Age/Construction</td>
<td>2004 (17)</td>
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</tbody>
</table>
## FIRE STATION #2 ~ BENCHMARKING

<table>
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<tr>
<th>System</th>
<th>Equipment Life Expectancy</th>
<th>Equipment Age</th>
<th>Useful Life Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Protection System</td>
<td>40 Years</td>
<td>15 Years</td>
<td>38%</td>
</tr>
<tr>
<td>Plumbing Water Heater</td>
<td>25 Years</td>
<td>15 Years</td>
<td>60%</td>
</tr>
<tr>
<td>Plumbing Piping &amp; Fixtures</td>
<td>40 Years</td>
<td>15 Years</td>
<td>38%</td>
</tr>
<tr>
<td>Mechanical Furnace</td>
<td>25 Years</td>
<td>15 Years</td>
<td>60%</td>
</tr>
<tr>
<td>Mechanical Equipment</td>
<td>25 Years</td>
<td>15 Years</td>
<td>60%</td>
</tr>
<tr>
<td>Mechanical Air Conditioning</td>
<td>25 Years</td>
<td>15 Years</td>
<td>60%</td>
</tr>
<tr>
<td>Mechanical Controls</td>
<td>20 Years</td>
<td>15 Years</td>
<td>75%</td>
</tr>
<tr>
<td>Electrical Service &amp; Distribution</td>
<td>40 Years</td>
<td>15 Years</td>
<td>38%</td>
</tr>
<tr>
<td>Electrical Lighting</td>
<td>30 Years</td>
<td>15 Years</td>
<td>50%</td>
</tr>
<tr>
<td>Electrical Generator</td>
<td>40 Years</td>
<td>15 Years</td>
<td>38%</td>
</tr>
<tr>
<td>Fire Alarm</td>
<td>20 Years</td>
<td>15 Years</td>
<td>75%</td>
</tr>
</tbody>
</table>
FD STATION #3
INITIAL FINDINGS
FD STATION #3 ~ EXISTING CONDITIONS

1985 Original Construction

<table>
<thead>
<tr>
<th>Address</th>
<th>3 Copperhill Road</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Area/Site</td>
<td>3,256 sf / 1.08 acres</td>
</tr>
<tr>
<td>Age/Construction</td>
<td>1985 (36)</td>
</tr>
</tbody>
</table>
FD STATION #3 ~ EXISTING CONDITIONS

Site

1. Poor site drainage causing hazardous conditions with ice, grading revisions
2. Minor cracking at apparatus bay apron
3. Anecdotal reference to storm water infiltrating tight tank

Architectural Exterior

1. Older building but in relatively good condition for its age
2. Some signs of ice damming present
3. Minor staining on brick from water shed
4. Recommend preventative maintenance to extend useful life (caulking, sealants, etc.)

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<tr>
<td>Age/Construction</td>
<td>1985 (36)</td>
</tr>
</tbody>
</table>
**Architectural Interior**

1. Suspected mold on apparatus bay ceiling, possible condensation buildup

2. Possible accumulation of exhaust from vehicles settling on radiant heater resulting in wall staining, lack of hot/cold transition zone

**Code ~ Accessibility/Life Safety**

1. Step at transition between apparatus bay and other program areas

2. Lack of pipe insulation below lavatory

3. Non-compliant grab bar at toilet

4. Non-accessible shower

5. Non-accessible sink at kitchenette

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<tr>
<td>Age/Construction</td>
<td>1985 (36)</td>
</tr>
</tbody>
</table>
FD STATION #3 ~ EXISTING CONDITIONS

Structural
1. Minor cracking on interior side of exterior CMU walls

Building Systems
1. MEP systems are in acceptable working condition.
2. Nearing the end of their useful life.
3. Will need replacement in about 5 – 10 years.

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<td>Age/Construction</td>
<td>1985 (36)</td>
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<thead>
<tr>
<th>System</th>
<th>Equipment Life Expectancy</th>
<th>Equipment Age</th>
<th>Useful Life Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Protection System</td>
<td>40 Years</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Plumbing Water Heater</td>
<td>25 Years</td>
<td>2 Years</td>
<td>8%</td>
</tr>
<tr>
<td>Plumbing Piping &amp; Fixtures</td>
<td>40 Years</td>
<td>35 Years</td>
<td>87%</td>
</tr>
<tr>
<td>Mechanical Boiler Plant</td>
<td>30 Years</td>
<td>35 Years</td>
<td>116%</td>
</tr>
<tr>
<td>Mechanical Piping &amp; Equipment</td>
<td>40 Years</td>
<td>35 Years</td>
<td>85%</td>
</tr>
<tr>
<td>Mechanical Air Conditioning</td>
<td>25 Years</td>
<td>35 Years</td>
<td>140%</td>
</tr>
<tr>
<td>Mechanical Controls</td>
<td>20 Years</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Electrical Service &amp; Distribution</td>
<td>40 Years</td>
<td>35 Years</td>
<td>87%</td>
</tr>
<tr>
<td>Electrical Lighting</td>
<td>30 Years</td>
<td>35 Years</td>
<td>116%</td>
</tr>
<tr>
<td>Electrical Generator</td>
<td>40 Years</td>
<td>15 Years</td>
<td>38%</td>
</tr>
<tr>
<td>Fire Alarm</td>
<td>20 Years</td>
<td>35 Years</td>
<td>175%</td>
</tr>
</tbody>
</table>

Fire Station #3
Code Minimum Fire Station = 63.5 EUI

![EUI Graph](image_url)

- **EUI**: 56.9
  - kBtu/ft²/yr

0 63.5
FD STATION #4
INITIAL FINDINGS
FD STATION #4 ~ EXISTING CONDITIONS

Address: 776 Thompsonville Road
Building Area/Site: 2,702 sf / 3.46 acres
Age/Construction: 1975 (46)
FD STATION #4 ~ EXISTING CONDITIONS

Site

1. Minor cracking in asphalt
2. Lack of tie-in or splash block at downspout causing soil erosion

Architectural Exterior

1. In good condition relative to its age.
2. Minor cracking at foundation/sidewalk
3. Improper fit of window air conditioning unit and staining of adjacent brick wall.

Address

<table>
<thead>
<tr>
<th>Address</th>
<th>776 Thompsonville Road</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Area/Site</td>
<td>2,702 sf / 3.46 acres</td>
</tr>
<tr>
<td>Age/Construction</td>
<td>1975 (46)</td>
</tr>
</tbody>
</table>
FD STATION #4 ~ EXISTING CONDITIONS

Architectural Interior
1. Finishes in fair condition considering age of building
2. Angle beginning to rust at apparatus bay doors

Code ~ Accessibility/Life Safety
1. Non-accessible toilet facilities
2. Non-accessible kitchenette

Building Systems
1. MEP systems are at the end of their useful life.
2. Should think about replacement in near future 2-3 Years.

<table>
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<tr>
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<th>776 Thompsonville Road</th>
</tr>
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<tbody>
<tr>
<td>Building Area/Site</td>
<td>2,702 sf / 3.46 acres</td>
</tr>
<tr>
<td>Age/Construction</td>
<td>1975 (46)</td>
</tr>
<tr>
<td>System</td>
<td>Equipment Life Expectancy</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Fire Protection System</td>
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<td>Mechanical Boiler Plant</td>
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<td>Mechanical Controls</td>
<td>20 Years</td>
</tr>
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<td>Electrical Service &amp; Distribution</td>
<td>40 Years</td>
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<tr>
<td>Electrical Lighting</td>
<td>30 Years</td>
</tr>
<tr>
<td>Electrical Generator</td>
<td>40 Years</td>
</tr>
<tr>
<td>Fire Alarm</td>
<td>20 Years</td>
</tr>
</tbody>
</table>
Common Observations throughout

1. Lack of storage space throughout all substations
2. Lack of hot/cold transition zone in all stations
3. All substations are suitable for on-call operations
4. Apparatus space is adequate for substations
<table>
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<tr>
<th>Address</th>
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<tbody>
<tr>
<td>Building Area/Site</td>
<td>8,955 sf / 2.69 acres</td>
</tr>
<tr>
<td>Age/Construction</td>
<td>1988 (33)</td>
</tr>
</tbody>
</table>
Site
1. Minor cracking at sidewalk control joints
2. Rust present at downspout boots
3. New paving and fence
4. Recommend preventative maintenance program to extend useful life.

Architectural Exterior
1. In good condition relative to its age well maintained and built.
2. Minor snow build up and possible damming at roof valleys
3. Exterior materials have been well maintained
4. Snow melt on roof uneven due to super heating of garage spaces

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<tr>
<td>Age/Construction</td>
<td>1988 (33)</td>
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</tbody>
</table>
Architectural Interior

1. Drywall cracking present at window lintels
2. Discoloration of ceiling tiles due to age.
3. Relatively minor cracking at multiple interior CMU walls, non structural issue.

Code ~ Accessibility/Life Safety

1. Non-accessible sink at kitchenette
2. Non-accessible toilet facilities throughout
3. Step down into showers
4. Step down into Sally Port

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<tr>
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Building Systems
1. MEP Systems all old and need to be upgraded.
2. Garage spaces overheating, temperature control issue?
3. Almost all systems original to building. 33 years old
4. No automatic sprinkler system within building.
5. Only 1 boiler. No redundancy. If boiler was to go down for repair or maintenance. No heat.

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<td>1988 (33)</td>
</tr>
</tbody>
</table>
1. Undersized training space with access control vulnerabilities at training/lobby doors
2. Insufficient evidentiary storage
3. Dispatch restroom/break space to comply with NFPA 1221 Standards
4. Patrol offices repurposed to support Embedded Social Services
5. Patrol storage displaced by Communications Equipment
6. Insufficient Administrative Offices
7. Staff facilities; locker size and quantity, Arms Cleaning, Fitness facilities
8. Prisoner Processing workflow; no padded cell, no ambulance access in Sally Port
9. Vehicle Maintenance Bay desired

<table>
<thead>
<tr>
<th>Address</th>
<th>911 Mountain Road</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Area/Site</td>
<td>8,955 sf / 2.69 acres</td>
</tr>
<tr>
<td>Age/Construction</td>
<td>1988 (33)</td>
</tr>
<tr>
<td>System</td>
<td>Equipment Life Expectancy</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>Fire Protection System</td>
<td>40 Years</td>
</tr>
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TOWN HALL ANNEX
INITIAL FINDINGS
<table>
<thead>
<tr>
<th><strong>Address</strong></th>
<th>97 Mountain Road</th>
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<tbody>
<tr>
<td><strong>Building Area/Site</strong></td>
<td>2,060 sf / 1.62 acres</td>
</tr>
<tr>
<td><strong>Age/Construction</strong></td>
<td>1976 (45)</td>
</tr>
</tbody>
</table>

**1976 Original Construction**
**Site**

1. Pavement cracking throughout parking lot
2. Cracking and deterioration at garage door aprons
3. Storm water ponding at exterior wall

**Architectural Exterior**

1. Appears to be pre-engineered structure with conventional wall framing
2. General cleaning of exterior masonry and foundation walls needed
3. Missing trim at joint between brick and siding
4. Corrosion of exterior hollow metal door
5. Damage to corner trim, trim between garage doors, and siding near grade
6. Re-caulk windows and clean up excess sealant

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Site
1. Pavement cracking throughout parking lot
2. Cracking and deterioration at garage door aprons
3. Storm water ponding at exterior wall

Architectural Exterior
1. General cleaning of exterior masonry and foundation walls needed
2. Remove excess sealant and re-caulk windowsills
3. Damage to corner trim, trim between garage doors, and siding near grade
4. Missing trim board between siding and brick
5. Corrosion of exterior hollow metal doors
6. Damage to Overhead door
7. Downspout damage

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Architectural Interior

1. Ripped insulation lining throughout garage
2. Moisture infiltration at exterior garage doors
3. Concrete slab chipping along control joint
4. Minor cracking in VCT

Code ~ Accessibility/Life Safety

1. Toilet facilities missing grab bar

Building Systems

1. No automatic sprinkler system within building.
2. Mechanical systems is small furnaces. OK Condition.
3. Electrical Older. OK Condition.
4. Plumbing Older. OK Condition.

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TOWN HALL ANNEX ~ EXISTING CONDITIONS

Architectural Interior
1. Ripped insulation lining throughout garage
2. Moisture infiltration at exterior garage doors
3. Concrete slab chipping along control joint
4. Minor cracking in VCT

Code ~ Accessibility/Life Safety
1. Toilet facilities missing grab bar
2. Steps into garage storage areas

Building Systems
1. No automatic sprinkler system within building.
2. Mechanical systems is small furnaces. OK Condition.
3. Electrical Older. OK Condition.
4. Plumbing Older. OK Condition.

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Architectural Interior
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3. Concrete slab chipping along control joint
4. Minor cracking in VCT

Code ~ Accessibility/Life Safety
1. Toilet facilities missing grab bar

Building Systems
1. No automatic sprinkler system within building.
2. Plumbing, Older. Fair Condition.
3. Mechanical systems is small furnaces. Fair Condition.
4. Electrical, Older. Fair Condition.

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1. Need to identify possible future uses and/or discarded

2. Potential for centralized storage location to serve town needs

3. Could be removed to make room for higher priorities to possibly create “campus”

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## System Benchmarking

<table>
<thead>
<tr>
<th>System</th>
<th>Equipment Life Expectancy</th>
<th>Equipment Age</th>
<th>Useful Life Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Protection System</td>
<td>40 Years</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Plumbing Water Heater</td>
<td>25 Years</td>
<td>5 Years</td>
<td>20%</td>
</tr>
<tr>
<td>Plumbing Piping &amp; Fixtures</td>
<td>40 Years</td>
<td>10 Years</td>
<td>25%</td>
</tr>
<tr>
<td>Mechanical Furnace</td>
<td>40 Years</td>
<td>10 Years</td>
<td>25%</td>
</tr>
<tr>
<td>Mechanical Equipment</td>
<td>40 Years</td>
<td>10 Years</td>
<td>25%</td>
</tr>
<tr>
<td>Mechanical Air Conditioning</td>
<td>25 Years</td>
<td>15 Years</td>
<td>60%</td>
</tr>
<tr>
<td>Mechanical Controls</td>
<td>20 Years</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Electrical Service &amp; Distribution</td>
<td>40 Years</td>
<td>15 Years</td>
<td>38%</td>
</tr>
<tr>
<td>Electrical Lighting</td>
<td>30 Years</td>
<td>15 Years</td>
<td>50%</td>
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<td>Electrical Generator</td>
<td>40 Years</td>
<td>15 Years</td>
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<tr>
<td>Fire Alarm</td>
<td>20 Years</td>
<td>15 Years</td>
<td>75%</td>
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SENIOR CENTER
INITIAL FINDINGS
**SENIOR CENTER ~ EXISTING CONDITIONS**

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<tr>
<th>Address</th>
<th>145 Bridge Street</th>
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<tbody>
<tr>
<td>Building Area/Site</td>
<td>11,702 sf / 3.27 acres</td>
</tr>
<tr>
<td>Age/Construction</td>
<td>1950 (71)</td>
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</tbody>
</table>

1950? Original Construction

2009 Converted to Senior Center

Chapel possibly older
Site
1. Cracking in pavement throughout
2. Uneven brick patio in courtyard

Architectural Exterior
2. Lack of gutters at large hip roof and main entrance
3. Brick staining at windows
4. Exterior wood windows may need replacement within 5-10 years
5. General brick cleaning needed
6. Lack of gutter causing ice building up at exterior wall

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### Architectural Interior

1. Hollow metal doors rubbing on frames, causing paint damage
2. Movement of VCT flooring near exterior door threshold causing separation
3. Lack of weatherstripping at chapel exterior door causing air infiltration

### Code ~ Accessibility/Life Safety

1. Youth Services and Parks & Rec do not have accessible entrances from exterior
2. Non-accessible sink at Youth Services
3. Damaged VCT at Youth Services

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SENIOR CENTER ~ EXISTING CONDITIONS

Building Systems

1. No Automatic Sprinkler System.
2. Renovated recently.
3. Most MEP in good condition.
4. Will start to need more maintenance in the next 5 – 10 years.
5. Perimeter radiant heating units leaking, causing damage to flooring

Address
145 Bridge Street

Building Area/Site
11,702 sf / 3.27 acres

Age/Construction
1950 (71)
1. Youth Services current location remote from schools, must cross main road. Possible connection to Bridge Street property?

2. Youth Services offices co-mingled with activity space

3. Parks and Recreation prefer proximity to play fields and gymnasium resources

4. Parks and recreation prefers sound isolation between offices (walls do not extend to ceiling)

5. Senior Center has adequate space to meet current programming needs

6. Youth Services and Parks & Rec do not have accessible entrances from exterior

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<td>40 Years</td>
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<tr>
<td>Fire Alarm</td>
<td>20 Years</td>
</tr>
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</table>
A. WARD SPAULDING SCHOOL

SUMMARY OF FINDINGS
A. WARD SPAULDING SCHOOL ~ EXISTING CONDITIONS

Grade Level
- PK-2

Building Area/Site
- 71,406 sf / 19.5 acres

Age/Construction
- 1954 (67), 1961 (60), 1985 (36), 1988 (33)
Site ~ Insufficient parking for events, parking immediately adjacent to building a safety concern, over 50% of paved areas and sidewalk in need of replacement, poor definition of school boundary, remote/unprotected playground and playscapes

Architectural Exterior ~ Masonry in need of repointing/repair, efflorescence on portions of building, windows approach 20 years, modular addition in poor condition

Architectural Interior ~ Overall well built, some replacement of finishes, ACM removal program, majority of finishes past useful life (millwork, floors, doors, ceilings)

Code/Accessibility/Life Safety ~ Several accessibility compliance issues, floor clearances/reach at entranceways, sinks, and millwork, lift at stage.

Building Systems ~ No automatic sprinkler system within building, majority of plumbing systems and fixtures are past their useful life, unit vents not functioning (fresh air), no BMS, electrical lighting and power distribution end/ past useful life.
**A. WARD SPAULDING SCHOOL ~ EXISTING CONDITIONS**

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What's Existing

• Admin removed from Main Entrance, have to be escorted
• Specials are disjointed, too far away
• Auditorium only used a few times per year
• Summer program is growing, Before & After uses Cafeteria – no dedicated entry
• Special Education too far from Sensory Rooms, program needs more space

What's Desired

• Admin relocated close to Main Entry
• Improved flow to Specials, bring to Main Hall
• Convert Auditorium to Learning Lab
• Dedicated amenity space for Summer Program and Before & After care
• Improved flow to Special Education and Sensory Rooms
• Connections to Exterior, outdoor learning

Understanding the impact of your Building
"The gift of time"
McALISTER INTERMEDIATE SCHOOL
SUMMARY OF FINDINGS
MCALISTER INTERMEDIATE ~ EXISTING CONDITIONS

1939
Original

1956
Addition

1987
Addition

1992
Elevator Addition & Chair Lift @ Stage

1988 & 1990
Code & Building Upgrades

1994
Modular Building

1972 Modifications and Updates
(High School to Middle School)
49 yrs.

2001 Code Alterations
(Middle School to Intermediate School)

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>3-5</th>
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</thead>
<tbody>
<tr>
<td>Building Area/Site</td>
<td>72,263 sf / 32.4 acres (shared)</td>
</tr>
<tr>
<td>Age/Construction</td>
<td>1939 (82), 1956 (65), 1987 (34), 1994 (27)</td>
</tr>
</tbody>
</table>
Site ~ Site traffic, parking and perimeter security major concerns for site (pedestrian and vehicular safety), play areas exposed, no definition of school boundary, pavement & site lighting are in poor condition

Architectural Exterior ~ Several improvements over time, many poorly functioning windows, persistent water infiltration/leaks at windows, doors, roofs

Architectural Interior ~ Overall well built, some replacement of finishes, majority of finishes past useful life (millwork, floors, doors, ceilings), gym, lockers, toilets all poor. Significant noise transfer in original wood plank floors/struct.

Code/Accessibility/Life Safety ~ Many toilet areas non accessible. Several compliance issues at floor clearances/reach at entranceways, sinks, and millwork, lift at stage.

Building Systems ~ No automatic sprinkler system within building, fresh air by window only, no BMS, majority of plumbing systems and fixtures are past their useful life, unit vents not functioning (fresh air), no BMS, electrical lighting and power distribution end/past useful life.
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Programmatic Observations

1. Some classrooms are appropriate size, meet educational needs, although limited flexibility for grade level “pods”, considering mixed grade pods

2. Good location for Admin Suite, Specials Classrooms (Music, Art, STEM), need appropriately size space

3. Noise/Acoustical transmission from 2nd floor

4. Lack of general classroom space on 1st floor, small footprint overall

5. Poor location and setup for Media Center, should be the “heart” center of school

6. One cafeteria proves to be difficult scheduling

7. Building reinvented so many times it becomes inefficient

8. Limited space for conference/small group, specialized education, teacher prep, large group

9. Site security, parking, & boundary ongoing concern, limited opportunity for outdoor classrooms
SUFFIELD MIDDLE SCHOOL

SUMMARY OF FINDINGS
SUFFIELD MIDDLE SCHOOL ~ EXISTING CONDITIONS

1964 Original Construction

1964, 1965 (Vo-Ag), 1972, 2002

Building Area/Site: 128,489 sf / 32.4 acres (shared)

Grade Level: 6-8

2002 Conversion from High School to Middle School

1972 Additions & Alterations

56 years

57 years

49 years

Property Card has 286,843 sf
SUFFIELD MIDDLE SCHOOL ~ EXISTING CONDITIONS

Site ~ Site conditions are in fair to poor condition for; sidewalks, curbs, paving, drainage issues, site traffic flow, parking, security major concerns. Areas of poor drainage on west/southwest side of site.

Architectural Exterior ~ Consistent roof leaks, roof replaced in phases by different contractors, majority of brick in fair to good condition, lintels are in fair to poor condition.

Architectural Interior ~ Overall, well maintained, original building well built, other areas poorly constructed. Significant inefficiencies due to additions/renovations over time, noise/Acoustical concerns (70’s modular). Lack of natural daylight creates poor educational environment.

Code/Accessibility/Life Safety ~ 2002 upgrades addressed some code issues, accessibility compliance issues remain, floor & push/pull clearances & reach req.

Building Systems ~ Many renovations and varying vintages of systems makes for complex infrastructure, difficult to maintain, inefficient system, most major mechanical systems past or at the end of their useful life.
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Site ~ Site conditions are in fair to poor condition for; sidewalks, curbs, paving, drainage issues, site traffic flow, parking, security major concerns. Areas of poor drainage on west/southwest side of site.

Architectural Exterior ~ Consistent roof leaks, roof replaced in phases by different contractors, majority of brick in fair to good condition, lintels are in fair to poor condition.

Architectural Interior ~ Overall, well maintained, original building well built, other areas poorly constructed. Significant inefficiencies due to additions/renovations over time, noise/Acoustical concerns (70’s modular). Lack of natural daylight creates poor educational environment.

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Programming Discussions

1. Some classrooms are decent size throughout school although many of the specialized classrooms are not sized nor do they function correctly (ex. World language)

2. Flow of the overall building a concern, tough to implement team model, share spaces, promote collaboration ~ important for this demographic.

3. Specialized teaching rooms & core facilities biggest concern – band, cafeteria acoustics & queuing, media center, family & consumer science outdated, limited space for tech ed., many poorly located

4. Lack of efficiency in the layout affects quality of education, time in class, and programs offered.

5. Currently circulate through classroom to attend special education classes, would like to centralize and share, save on time & reinvest into student

6. Several areas underutilized due to age/condition, discontinued and/or change of original use
SUFFIELD HIGH SCHOOL
SUMMARY OF FINDINGS
SUFFIELD HIGH SCHOOL ~ EXISTING CONDITIONS

2002 Original Construction
19 years

- **Grade Level:** 9-12
- **Building Area/Site:** 204,016 sf / 60.48 acres
- **Age/Construction:** 2002 (19)
SUFFIELD HIGH SCHOOL ~ EXISTING CONDITIONS

Site ~ Site circulation concerns – separation of bus, parent, and student. Pavement, sidewalks in fair condition overall, areas deteriorating, cracking, spalling. (Differential settlement at bollards ~ a representative indication of poor soils and/or moisture migration) Site walls show efflorescence/water infiltration

Architectural Exterior ~ Generally good to fair condition. Durable and well maintained. Recommend prev. maintenance (caulking/sealants), gaps in perimeter roof flashing lead to loss of energy and wildlife, 15 year roof design, 4 years out of warranty.

Architectural Interior ~ Overall, well maintained, some areas of questionable quality of original construction. Building has worn faster than anticipated. Slab cracking with possible water/vapor infiltration, persistent issue, finishes/glue to bubble, curious curling ceiling tiles HVAC balancing issue. Fairly significant deterioration of furniture in areas, in some cases it is mismatched.

Building Systems ~ Major Air Handling units 20 years old, failing at a high rate. Electrical distribution is challenging, never fully commissioned. Faucets failing at a high rate. Need to be replaced throughout. Overall ALL MEP systems are beginning to age, will need some major maintenance and/or replacement. If maintenance is delayed then the repair costs will increase. Water treatment needed
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1. Would like to integrate more collaborative spaces, working toward this @ media center

2. Ideally reinvent antiquated program space (dark room area, computer, material lab)

3. Investigate possibility of new classroom furniture to promote collaboration, flexibility, adaptable space ~ less “owning” of room

4. Integrate idea of a campus setting, more progressive approach to program layout

5. Rethink utilizing areas in multiple ways (ex. auditorium for “lecture hall” setting)

6. Distribute specialized & social emotional / wellness to be more integrated into daily routine, “be there”

7. Create Innovation Hub (Manufacturing), Career Center, Education & Health Service – Career & College Ready

8. Modify existing underutilized space for flexible space with progressive furniture and technology infrastructure
SUMMARY OF FINDINGS
ALL SCHOOLS
Summary of Findings ~ School Buildings

1. Most buildings have been well maintained yet, **No building has received comprehensive, like new, renovations.**

2. Reuse, modification, and past adaptations affect building use

3. With exception of the High School, **the majority of building systems (MEP) are at or near end of useful life.**

4. Recommend district further define school boundaries, security, and traffic flow/safety.

5. Accessibility concerns throughout, uneven attempts at compliance.

6. Limited ability to introduce progressive programs

Round Table Discussion

1. Do any of the findings surprise you?
2. Have we successfully communicated the magnitude of the needs?
3. What do you see as a priority?
4. What works well now? What should be preserved in any plan?
5. Is more information needed? If so, what?
SETTING THE TABLE
CONSIDERATIONS
Future Considerations ~ All buildings

1. Well maintained over years, but original infrastructure need upgrades ~ (debatable what is first ~ Middle School, McAlister, Fire Station HQ, AW Spaulding)

2. Not about capacity, nor is it easy to consolidate

3. Need to find “Swing Space” for any renovation/addition

4. Adaptive reuse of any obsolete structures (if in plan)

5. Fiscal responsibility

6. Scale buildings that are befitting of Suffield (3 vs. 4 schools, or a school within a school, i.e. student population)
Future Considerations ~ All buildings

7. Importance of Modernizing Environment

8. Interdisciplinary education, creation of campus style

9. Consider shared use with town/schools (i.e. professional development, training, IT, tech, BOE, athletics/community use, central storage, parks & recreation)

10. Engage the community

11. Commitment to Sustainability

12. Plan is a combination of yearly improvements & capital projects
WELL MAINTAINED BUT…. NEED WORK, WHICH ONE FIRST

Fire Headquarters

McAlister Intermediate

Spaulding Elementary

Suffield Middle School

Others? or combination?
**FUTURE CONSIDERATIONS ~ CAPACITY ANALYSIS**

**Steady as it goes!**

Doesn’t appear to be a growth or consolidation.

Data from SLR Report April 2021
<table>
<thead>
<tr>
<th>BUILDING</th>
<th>GRADE CONFIG.</th>
<th>CUR. ENROLL. (Sept. 2021)</th>
<th>FUTURE ENROLL.</th>
<th>EXISTING AREA</th>
<th>AREA PER STATE STD. (BASED UPON FUTURE ENROLL)</th>
<th>DELTA</th>
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<tbody>
<tr>
<td>AW SPAULDING ELEMENTARY</td>
<td>PK-2</td>
<td>464</td>
<td>485 (Yr. 2021-22)</td>
<td>69,670</td>
<td>58,200</td>
<td>11,470</td>
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<tr>
<td>McALISTER INTERMEDIATE SCHOOL</td>
<td>3-5</td>
<td>400</td>
<td>437 (Yr. 2024-25)</td>
<td>69,548</td>
<td>56,952</td>
<td>12,623</td>
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<tr>
<td>SUFFIELD MIDDLE SCHOOL</td>
<td>6-8</td>
<td>437</td>
<td>448 (Yr. 2027-28)</td>
<td>117,236 (4,031 BOE, 10,530 IT)</td>
<td>75,224</td>
<td>42,012</td>
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<tr>
<td>SUFFIELD HIGH SCHOOL</td>
<td>9-12</td>
<td>727 (Agriscience 165)</td>
<td>786 (Yr. 2021-2022)</td>
<td>182,025</td>
<td>143,742</td>
<td>38,283**</td>
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</table>

* BASED UPON MEDIUM PROJECTIONS FROM SLR REPORT APRIL 2021
** DOES NOT INCLUDE INCREASE FOR AGRISCIENCE, FURTHER REVIEW OF ORIGINAL GRANT IS REQUIRED

Yes, there is “extra” space but, its not that simple! Let us explain.
FUTURE CONSIDERATIONS ~ IS THE “EXTRA” USEABLE?

Suffield Middle School
- Oversized Gym for a Middle School
- Former High School Lockers difficult to adapt and reuse for educational purposes

McAlister Intermediate School
- Multiple adaptations have led to variances in room size for current programs (both large and small) and inappropriate space for specialized education.
- Walls are thicker with obsolete built-ins rendering portions of the building “unusable”
Defining the “USEABLE” area of your building.

Yellow Outline
Area ~ 73,764 SF

Blue Area
Basement ~ 2,548 SF
Grade Level ~ 12,833 SF
Upper Level ~ 9,016 SF
+ Chases, wall thickness, etc (3.5%)...

Blue Area (25,250 SF) ➔ 34.2%
Yellow Outline (73,764 SF)

Typical Efficiency Factor ~ 25-30%
Loss of Education Space is 2,800 – 6,500 sf
### State School Reimbursement

- Have seen a moderate increase in last few yrs.

### FUTURE CONSIDERATIONS ~ FISCAL RESPONSIBILITY & STRATEGY

<table>
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<tbody>
<tr>
<td>SUFFIELD</td>
<td>51.79%</td>
<td>41.79%</td>
<td>53.57%</td>
<td>43.57%</td>
<td>55%</td>
<td>45%</td>
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<td>OXFORD</td>
<td>37.5</td>
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<td>37.14</td>
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<td>48.93</td>
<td>38.93</td>
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<tr>
<td>ELLINGTON</td>
<td>57.14</td>
<td>47.14</td>
<td>57.5</td>
<td>47.5</td>
<td>56.43</td>
<td>46.43</td>
</tr>
</tbody>
</table>

### “Renovate Like New”

Renovation Status – maximum demolition of existing structure: The OSCG&R has revised its policy regarding maximum allowable demolition of an existing school building for renovation status. Effective 7/1/2018, districts can demolish whatever portion or percentage of the existing building they want, but at least 55% of the total project at time of completion must be original construction.

- **Consider This…**
  - Keep/Renovate 55%
  - Construct 45% New
  - 10% higher reimbursement
  - 0% for maintenance
EXPLORING POSSIBLE SYNERGIES WITH TOWN...

**WELLNESS**
- Fitness Room
- Gym
- Lounge / Lockers
- Health & Wellness Room
- Food Pantry
- Kitchen

**TRAINING - CONFERENCE**
- Dynamic Conferencing Center
- Flex Workspace
- Informal Meeting / Training
- Café & Bistro
- Business Tech Center
- Community Living Rooms

**PROGRAMS**
- Before & After Care
- Summer Camps
- Continuing Education
- Business Incubator / Start-Up
- Tech Ed / R&D
- Shop / Makerspace

**OUTDOOR**
- Community Garden
- Amphitheater
- Sports Fields
- Nature Trails
- Rainwater Collection
- Playgrounds
- Dog Park
EXPLORING POSSIBLE SYNERGIES WITH TOWN...

WELLNESS
- FITNESS ROOM
- GYM
- LOUNGE / LOCKERS
- HEALTH & WELLNESS ROOM
- FOOD PANTRY
- KITCHEN

PROGRAMS
- BEFORE & AFTER CARE
- SUMMER CAMPS
- CONTINUING EDUCATION
- BUSINESS INCUBATOR / START-UP
- TECH ED & R&D
- SHOP / MAKERSPACE

TRAINING - CONFERENCE
- DYNAMIC CONFERENCING CENTER
- FLEX WORKSPACE
- MEETING / TRAINING ROOMS
- CAFÉ & BISTRO
- BUSINESS TECH CENTER
- COMMUNITY LIVING ROOMS

OUTDOOR
- AMPLI THEATER
- SPORTS FIELDS
- NATURE TRAILS
- RAINWATER COLLECTION
- PLAYGROUNDS
- DOG PARK

IT OFFICES
- DPW & ENGINEERING
- TECH SUPPORT
- BOE OFFICES
- & CENTRAL STORAGE

+ TEC TON ARCHITECTS
EXPLORING POSSIBLE SYNERGIES WITH TOWN...
QUALITY OF EDUCATIONAL ENVIRONMENTS

WHY IT MATTERS
WHY IT MATTERS ~ QUALITY OF EDUCATIONAL ENVIRONMENTS

Why It Matters ~

On average, children spend...

- **7 m** IN UNSTRUCTURED PLAY OUTDOORS
- **7 hr** IN FRONT OF A SCREEN

**90%** OF THEIR TIME INDOORS

**25%** THE PHYSICAL ENVIRONMENT IMPACTS STUDENT LEARNING PROGRESS BY

---

**COLLABORATION SPACES**

**ADAPTABLE & RECONFIGURABLE**

**SPATIAL QUALITY + TECHNOLOGY**

**OWNERSHIP & PERSONALIZATION**

---

**SOCIAL ENRICHMENT**

**NATURE, INQUIRY & STEWARDSHIP**

**PLACEMAKING**

**WHOLE CHILD WELLNESS**

---


**EPA** https://www.epa.gov/iaq-schools/what-you-can-do-improve-academic-performance

**Building and Environment Journal**

---

**THE PHYSICAL ENVIRONMENT IMPACTS STUDENT LEARNING PROGRESS BY**
Collaboration Areas & Circulation Zones

Daylight...

STUDENTS IN CLASSROOMS WITH MORE NATURAL DAYLIGHT PROGRESSED...

20% + 26%

FASTER ON MATH TESTS
FASTER ON READING TESTS

EPA https://www.epa.gov/iaq-schools/indoor-air-quality-high-performance-schools#how
Typical Classrooms ~ Flexible space, adaptable & reconfigurable furniture...

WITH SOFT SEATING, FLEXIBLE SEATING, SEATING CHOICE...

5% BETTER GRADUATION RATE THAN THE STATE

8% REDUCTION IN DROPOUT RATE

10Y OUTPERFORMED THE STATE IN MATH, SCIENCE & READING

Albemarle County Public Schools https://www.edutopia.org/practice/flexible-classrooms-providing-learning-environment-kids-need; AND: https://www.youtube.com/watch?v=4cscJcRKYxA

OCT. 5% BETTER GRADUATION RATE THAN THE STATE

Albemarle County Public Schools

https://www.edutopia.org/practice/flexible-classrooms-providing-learning-environment-kids-need; AND:
https://www.youtube.com/watch?v=4cscJcRKYxA
WHY IT MATTERS ~ QUALITY OF EDUCATIONAL ENVIRONMENTS

STEM Classrooms ~

Fully Integrated Technology and what it supports...

2/3 WANT TO DO ENGINEERING

STARTING AT AGE 9-15 THEY ARE FASCINATED BY SCIENCE

~$100K GREEN SCHOOL SAVINGS ANNUALLY (BUYS 200 NEW COMPUTERS)

The Third Teacher http://thethirdteacherplus.com/resources
Personalization ~ Student Work, Neighborhoods, & Wayfinding...

"Do I Belong?"

The Greater Good Science Center at the University of California, Berkeley
https://greatergood.berkeley.edu/article/item/how_to_help_students_feel_a_sense_of_belonging_during_the_pandemic

The answer is linked to whether students succeed & thrive socially, earn higher grades and opt into and succeed in more difficult courses.
Nature & Outdoor Learning

Nature, natural sounds, natural materials and natural patterns...

**WHY IT MATTERS ~ QUALITY OF EDUCATIONAL ENVIRONMENTS**

*REDUCES STRESS LEVELS IN JUST 20s*

*VIEWS TO NATURE FOR 40s LED TO FEWER MISTAKES ON FOCUSED TASKS*

*HAPPINESS & PRO-SOCIAL BEHAVIOR*

Welcome to Your World by Sarah Williams Goldhagen

APA https://www.apa.org/monitor/2020/04/nurtured-nature
Nature & Outdoor Learning ~

Nature, natural sounds, natural materials and natural patterns...

20s
REDUCES STRESS LEVELS IN JUST 20s

40s
LED TO FEWER MISTAKES ON FOCUSED TASKS

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HAPPINESS & PRO-SOCIAL BEHAVIOR
WHY IT MATTERS ~ QUALITY OF EDUCATIONAL ENVIRONMENTS

Harvard Schools for Health https://schools.forhealth.org/

Whole Child Wellness
WELL is for people...

BUILDING COMPONENTS

Social/Emotional Health
Physical Health
Creative Health
Cognitive Health & Focus

STUDENT THINKING

STUDENT PERFORMANCE

Harvard Schools for Health https://schools.forhealth.org/

WHY IT MATTERS ~ QUALITY OF EDUCATIONAL ENVIRONMENTS

Building Components and Their Effects on Human Health

IWBI https://www.wellcertified.com/certification/v2/
INITIAL OPTIONS
FOR CONSIDERATION
Pairing Observations/Options with Problem Statement

A. Understanding the Problem/Challenge
B. Develop a vision for the solution
C. Lack of input threatens success
**OPTION 1 ~ STATUS QUO, “DO NOTHING”**

**Observations:**

- **a** Leaves Town Assets on their existing sites
- **b** Renovates systematically according to prioritized need
- CIP takes Building Condition into consideration, but not necessarily Programmatic vision...
OPTION 2 – NEW FIRE HQ, MTG. CENTER, RENO. 3 SCH.
OPTION 3 – REPURPOSE MIS (EARLY ED. VILLAGE)

1. 3-5 at New/Add School
2. New Fire @ Annex
3. Multigen. Center
4. Intermediate School Reprogrammed for Multigen. Center
5. 6-8 at SMS

1. Create an Early Ed. Village
2. Maintain Mentorship with H.S.
3. Sell
4. CIP

CIP

PK-2 at AWS
OPTION 4 - REPURPOSE SMS (CAMPUS MODEL)

1. Repurpose SMS
2. Middle School Reprogrammed for Fire HQ & Multigen. Center
3. Create an Educational Campus
4. Renovate AWS
5. Renovate MIS

- 6-8 New M.S.
- Fire/Multi-Gen.
- Renovate SHS
- Sell demo
OPTION 5–4 TO 3 & FIRE HQ

Renovation as New, Max. 55/45%, PK-2 & 3-4 Schools within School

PK – 2nd Grade ~ 487 (50,142,148,147)
3rd and 4th Grade ~ 289 (146+143)
Total School ~ 776P

Renovation as New, Max. 55/45%, 5-6 & 7-8 Schools within School

5th & 6th Grade ~ 301 (150+151)
7th & 8th Grade ~ 296 (151+145)
Total School ~ 597P

New/Reno Fire HQ.

Renovate Multi-gen. (Alt. for PK & K now or future)