

# FULLER MIDDLE SCHOOL FEASIBILITY STUDY

May 14, 2018

Fuller School Building Committee

# Moving Forward to Schematic Design



# Current Budget Summary – Option C

Total Project Cost \$110M

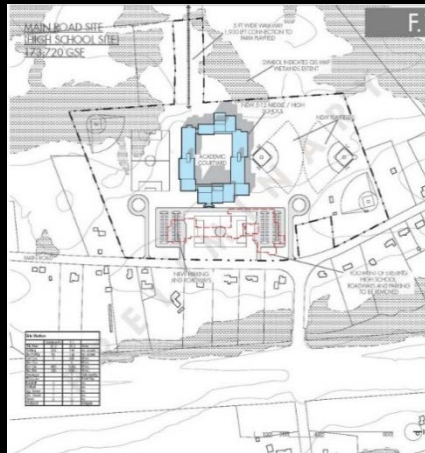
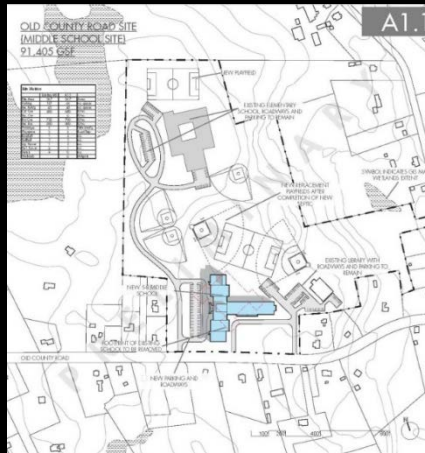
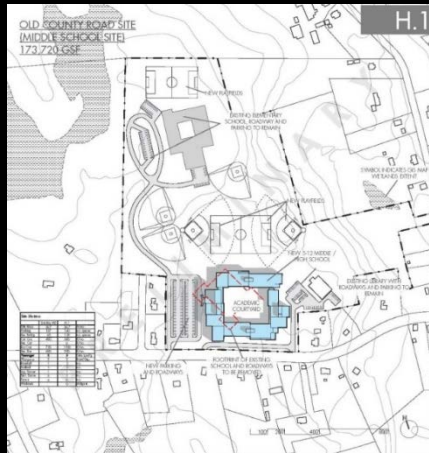
MSBA Share \$44M

Framingham Share \$66M

Estimated Average Cost / Year

Average Residential Taxpayer - \$116 / Year

# Sample – Preliminary Design Program Design



# Sample – Preferred Schematic Report Design





Courtyard Elevation - looking north



Courtyard Elevation - looking west



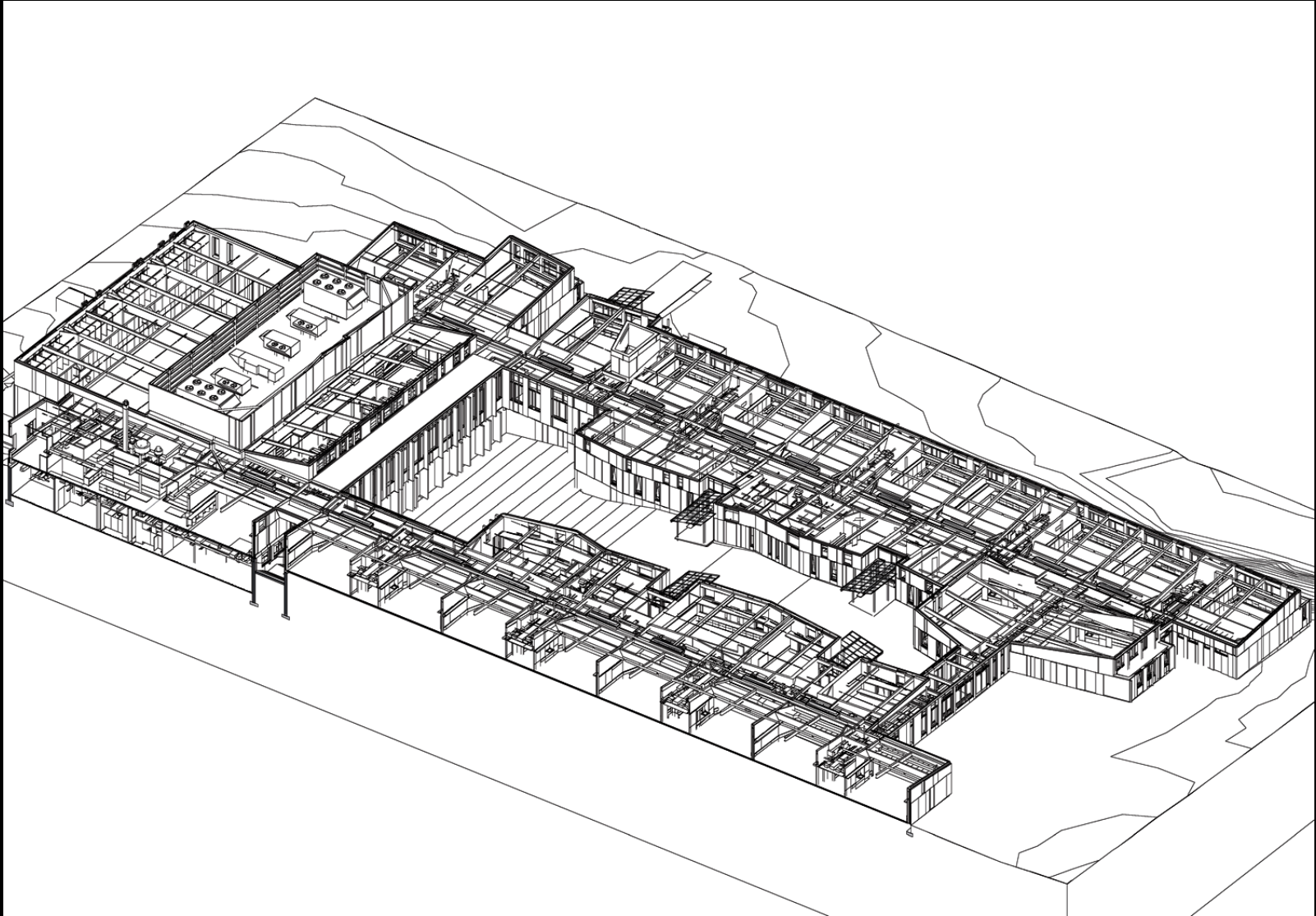
Exterior Elevation - south facade



Introduction

## Sample – Schematic Design

# Sample – Design Development



# Confirming Project Goals

## Opportunities:

What is the single greatest weakness of the existing Middle School and how can we address that challenge with our new project?

- The aged condition of the building
- Lack of a secure building entry
- Security
- The building is dark, gloomy and non-inspiring
- The building layout is restrictive and inflexible
- Traffic
- The building layout has unusable pockets and enclaves

# Confirming Project Goals

What is the community's greatest fear or concern as to what might go awry with the outcome of Framingham's new school and what can we do avoid it?

- Budget conformance
  1. Review District Space Requirements
  2. Plan Development for Reduced Net to Gross
  3. Review Comparative Base Building Cost Assumptions
  4. Review/Refine Site Construction Scope
- Not enough community engagement in the planning and design
- That current educational design theories are fad and will be obsolete in a few years
- Too much focus on process and not enough on design and purpose
- Schedule conformance



# Confirming Project Goals

## Greatest Hopes:

What is the single greatest strength of the existing Middle School and how can the new project build on it?

- The building is very efficient at getting students from point A to B, it is very linear
- The building layout has pockets and enclaves that could be used for student interaction Its diversity
- The “campus” feel of Fuller, Farley and McCarthy due to their close proximity

# Confirming Project Goals

## Greatest Hopes:

What is our highest hope for the impact of the new Fuller project on the Framingham community? What does project success mean?"

- That the Fuller School be an inspiration to the community That Fuller becomes the flagship for projects done right
- That Fuller is on par and raises the performance levels of the other two middle schools That Fuller is bright, full of light, flexible and expandable
- That Fuller is easy to clean, maintain and be an icon in the community

# Sustainability Timeline for Decisions

- [May / June 2018](#) – JLA to develop and document Schematic Design in sufficient detail for Energy Analysis. Initiate discussion on potential systems for analysis
- [July 2018](#) – [Initiate SBC decision-making process.](#) JLA to provide Energy Analysis of alternative MEP systems including lifecycle energy costs, maintenance costs, lifecycle savings and duration in years for capital cost payback. This analysis to include ballpark costs for Net Zero geothermal / photovoltaic system  
  
JLA to provide ballpark capital cost analysis of upgrading LEED certification level to Silver, Gold, or Platinum
- [August 2018](#) - SBC Vote on Schematic Design Scope and Budget, including MEP systems and LEED category.



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