



BETHLEHEM AREA SCHOOL DISTRICT

The New Fountain Hill Elementary School Project

PUBLIC PRESENTATION – FEBRUARY 29, 2024

ALLOY5



D'HUY Engineering, Inc.

DESIGN “NORTH STARS”



BASD promotes explicit instruction -
discovery instruction is a limited part of



the instruction



Timeless design, fits into the community
and not experimental



Low maintenance, durable with robust
systems & energy efficiency

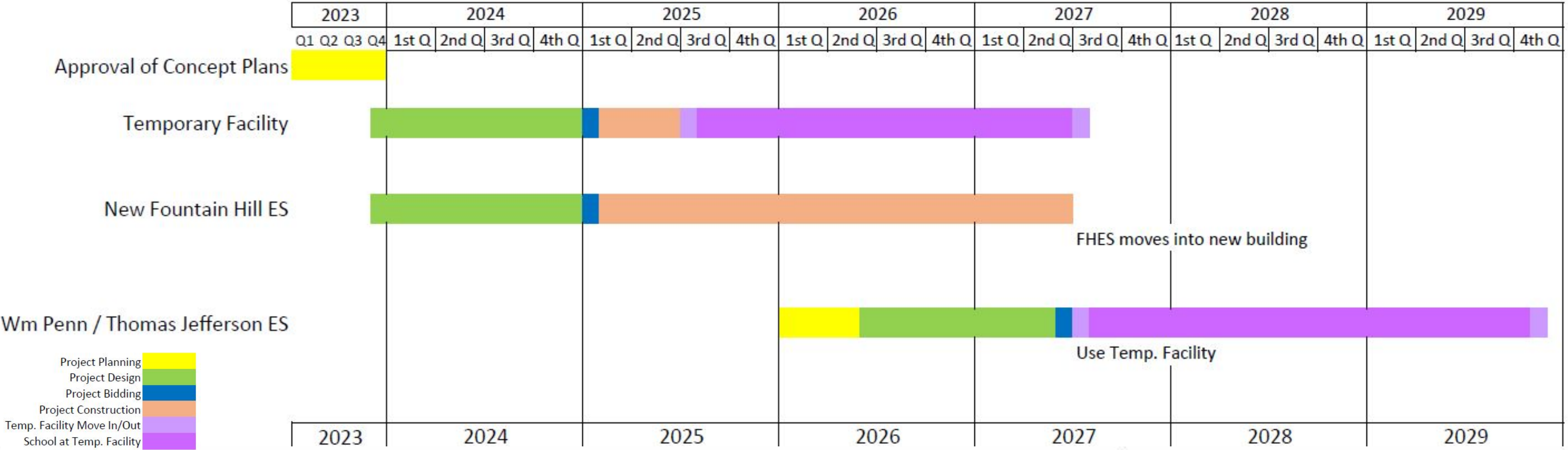
Community space is flexible, easy to
separate and accessible

DESIGN REQUIREMENTS

- Schedule compliance
- Budget compliance
- Sustainability
- Quality Control



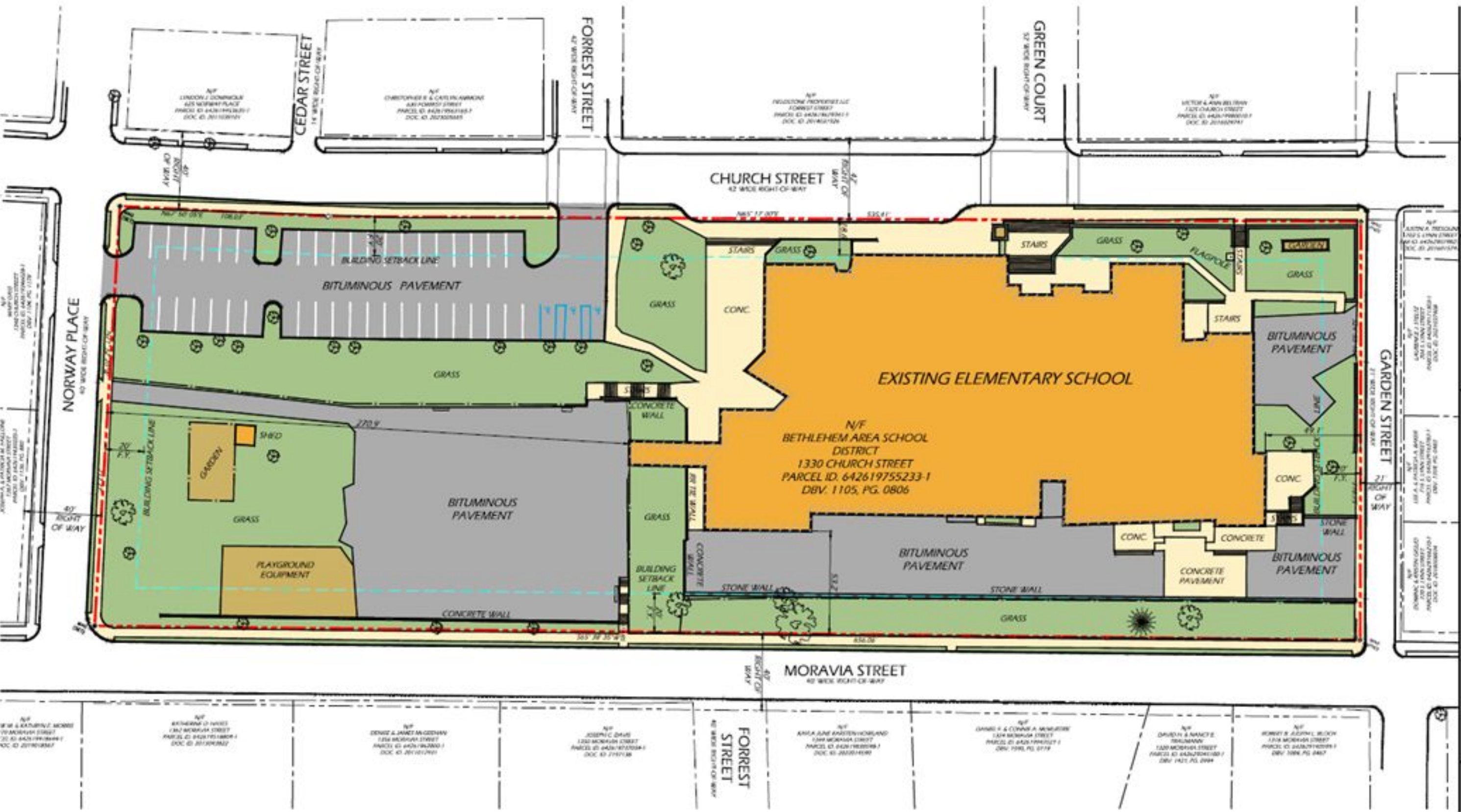
SCHEMATIC DESIGN | ESTIMATED PROJECT SCHEDULE



ID	Work Description	Dates	
		Start	Finish
	Pre-Design	1/1/2023	10/31/2023
	Schematic Design	11/1/2023	1/31/2024
	Design Development	2/1/2024	6/17/2024
	Construction Documents	6/16/2024	12/13/2024
	Bidding Phase	1/4/2025	3/11/2025
	Contracts & Procurement	3/11/2025	6/15/2025
	Land Development Approvals	Included above	Included above
	HazMat Abatement Design	Included above	Included above
	LEED Process and Approvals	Included above	Included above
	Modular Design & Proposals	Included above	Included above
	Construction Phase	6/16/2025	7/1/2027

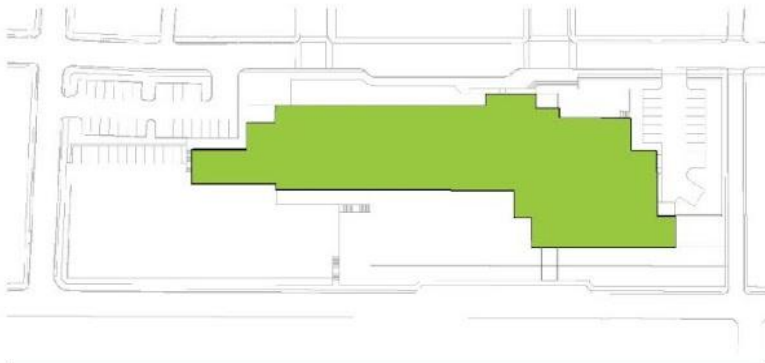
Item	Budget 85,000 SF	Comments
General Contractor	\$ 21,481,000	Includes \$656,000 Demo
Mechanical Contractor	\$ 5,100,000	
Electrical Contractor	\$ 5,100,000	
Plumbing Contractor	\$ 2,550,000	
Site Work	\$ 6,780,000	Includes \$280K of EC site Work
Abatement of Existing School (Allowance)	\$ 82,600	
TOTAL ESTIMATED HARD CONSTRUCTION COSTS	\$ 41,093,600	
Soft Costs		
TOTAL SOFT COSTS & PROJECT CONTINGENCY	\$ 15,301,000	
SUBTOTAL - Building & Soft Costs	\$ 56,394,600	
Inflation Contingency	\$ 5,780,400	10.25%
TOTAL PROJECT COSTS - (NOT INCLUDING TEMP RELOCATION)	\$ 62,175,000	
RACP Grant Allocation	\$ (1,500,000)	
TOTAL LESS RACP ALLOCATION	\$ 60,675,000	

SCHEMATIC DESIGN | EXISTING SITE PLAN



STEERING COMMITTEE MEETING 01
OCTOBER 31, 2023

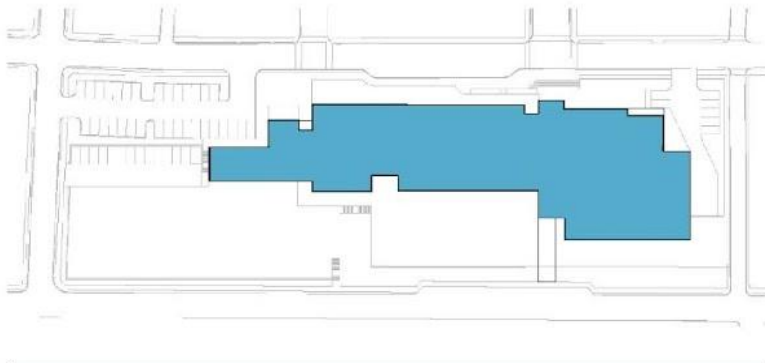
OPTION 1



85,674 SF

- Significant site impact
- Approx. 245'-0" single corridor
- Maximum daylighting
- Optimal service access

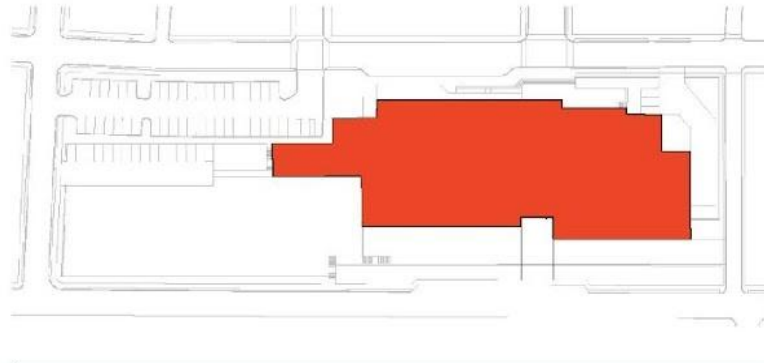
OPTION 2



84,317 SF

- Some site impact
- Approx. 215'-0" single corridor
- Maximum daylighting
- Challenging service access

OPTION 3



85,600 SF

- Least site impact
- Interior looping circulation -
Approx. 155'-0"
- Interior program space - no
daylighting
- Challenging service access





OPTION 1A

85,780 SF

- Connection at Level 01 to Church Street and Level 02 to Moravia Street
- Approx. 223'-0" long single corridor
- Classroom pods with shared support space between
- Secured community spaces

separate from academic



SCHEMATIC DESIGN | PROPOSED SITE PLAN

PARKING SPACES:	FLOOR ELEVATIONS:
EXISTING: 46	ENTRY: 441.00'
NEW: 51	FIRST: 448.00'
	SECOND: 464.00'
	THIRD: 478.00'

