



Crabtree, Rohrbaugh & Associates

**ELIZABETHTOWN AREA
SCHOOL DISTRICT**

RENOVATIONS TO
ELIZABETHTOWN AREA
MIDDLE SCHOOL

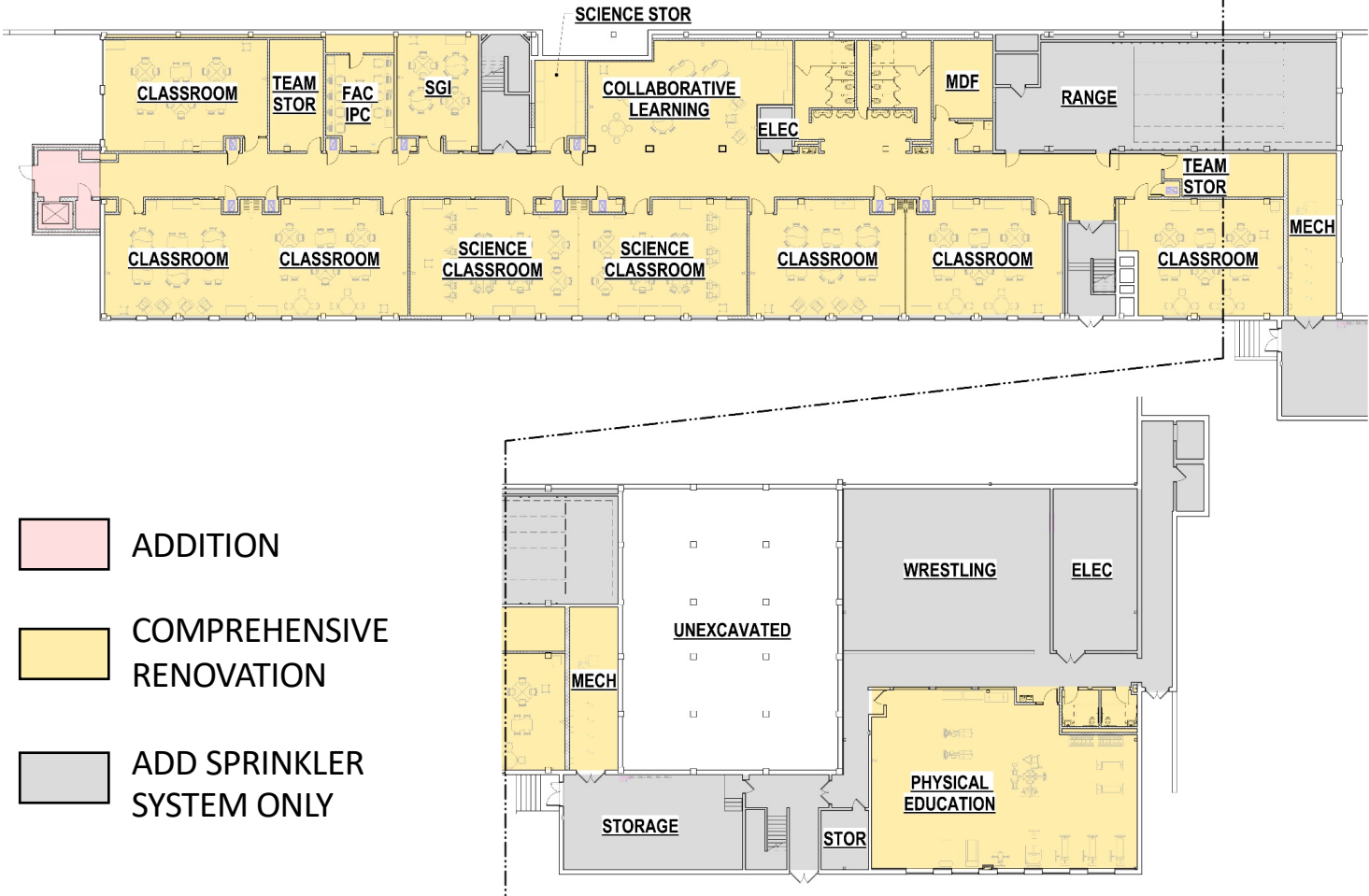
NOVEMBER 12, 2019

MIDDLE SCHOOL RENOVATION




- 1 DESIGN UPDATE**
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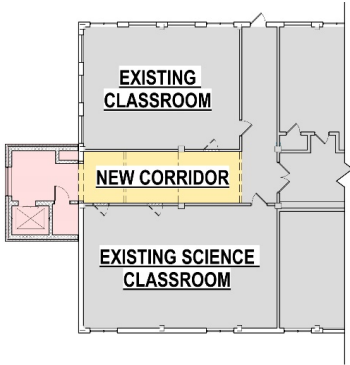
① DESIGN UPDATE

GROUND FLOOR PLAN

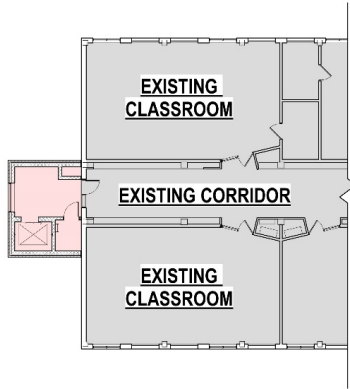


PARTIAL FIRST AND SECOND FLOOR PLANS

-  ADDITION
-  COMPREHENSIVE RENOVATION
-  NO WORK

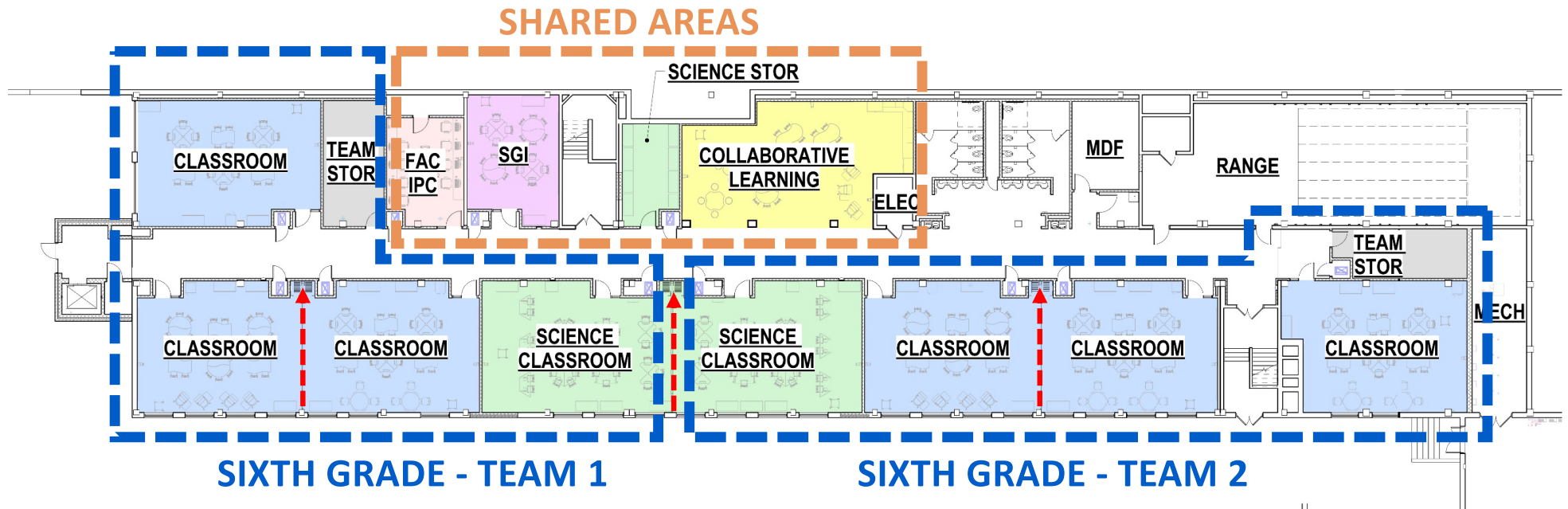


PARTIAL FIRST FLOOR PLAN



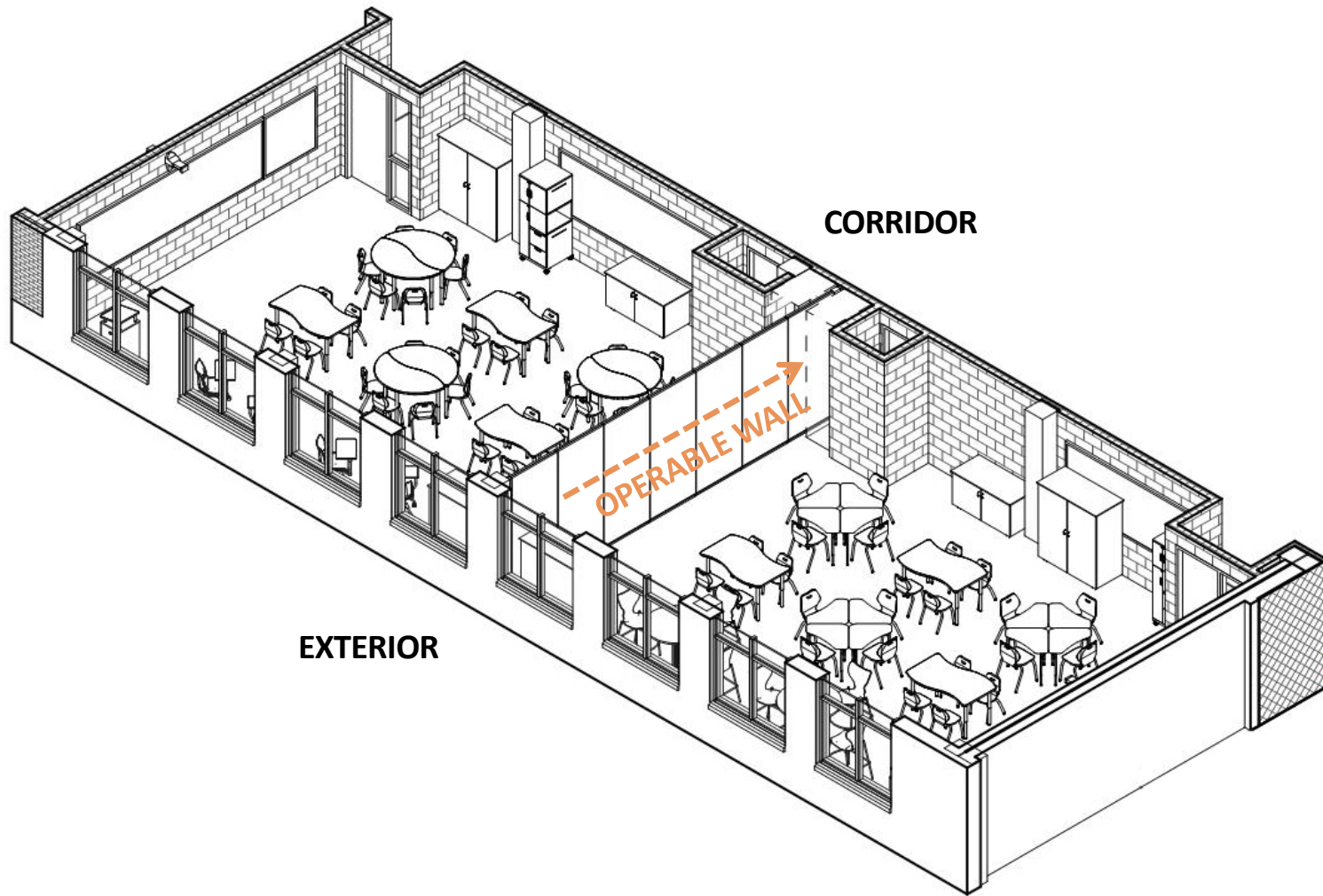
PARTIAL SECOND FLOOR PLAN

TEAMING CONCEPT

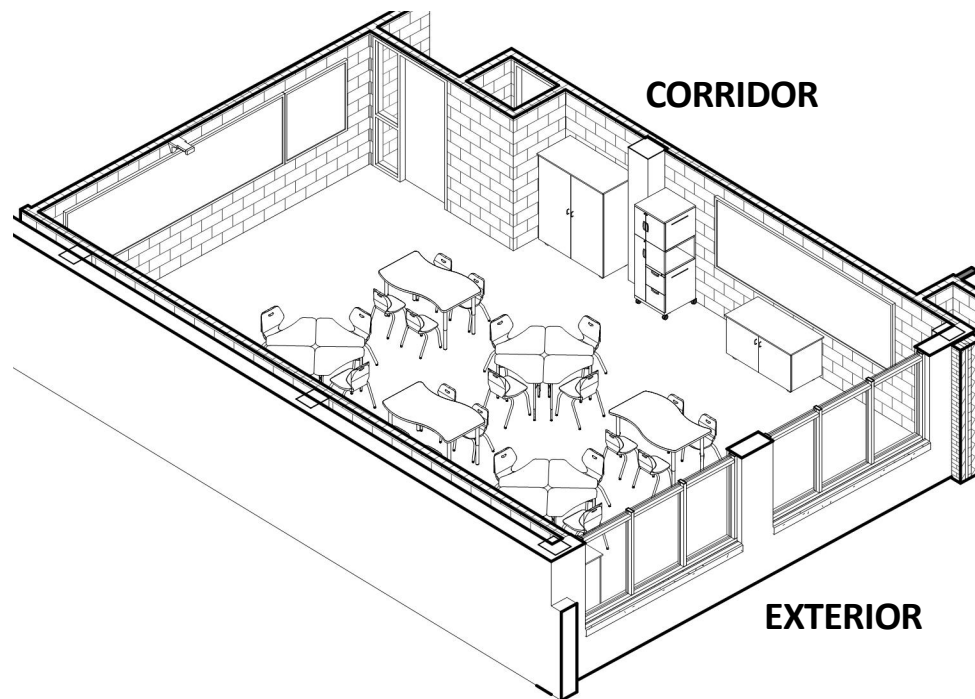


- Ground Floor will accommodate 2 of the 3 sixth grade teams.
- Shared Areas support both teams and are adjacent to stair interconnecting third team.
- Collaborative Learning is open to the corridor (similar to Bainbridge).
- Operable partitions allow flexibility and collaboration consistent with Guiding Principles.
- All classrooms are naturally daylight.

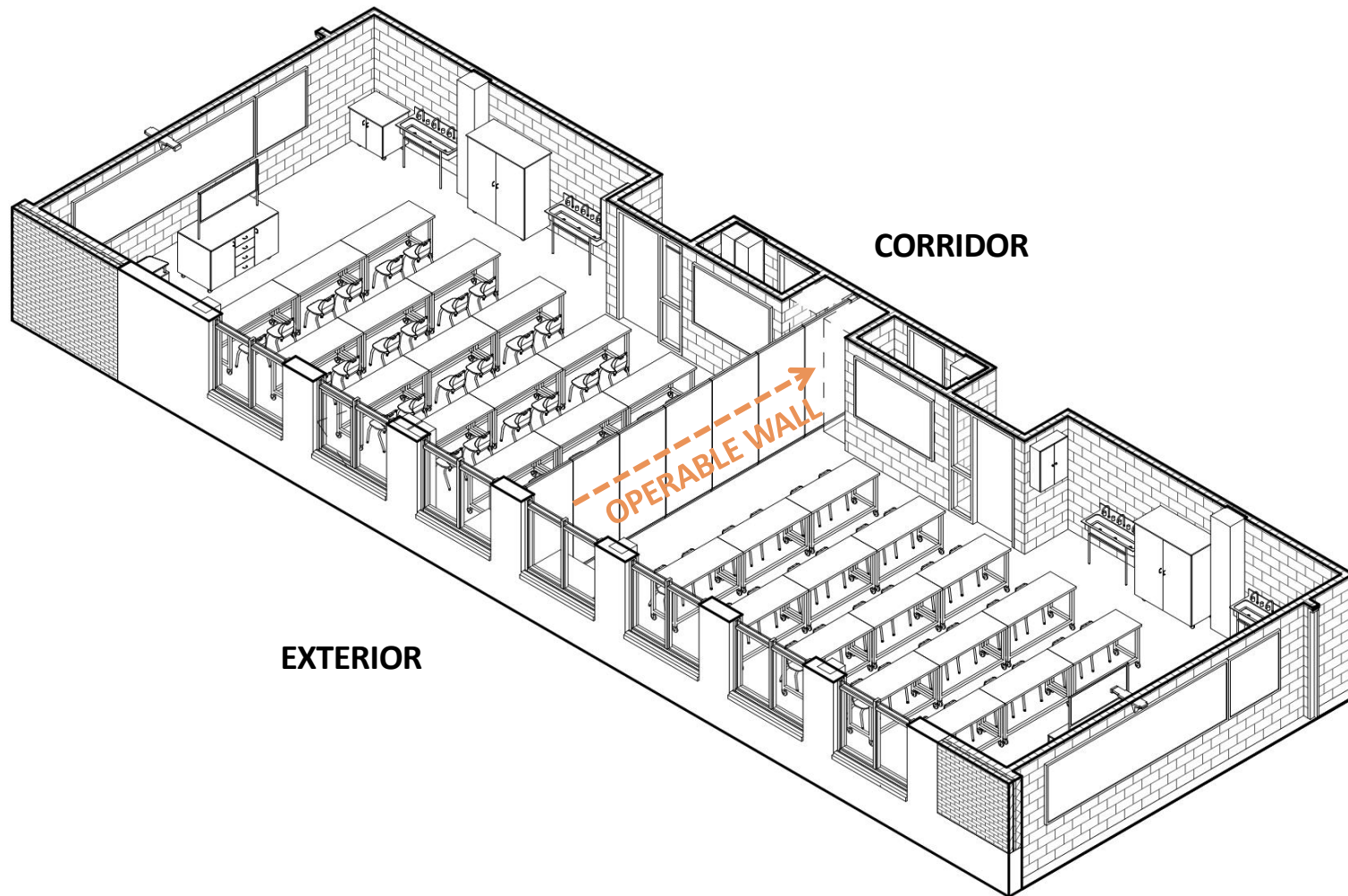
CLASSROOM LAYOUT



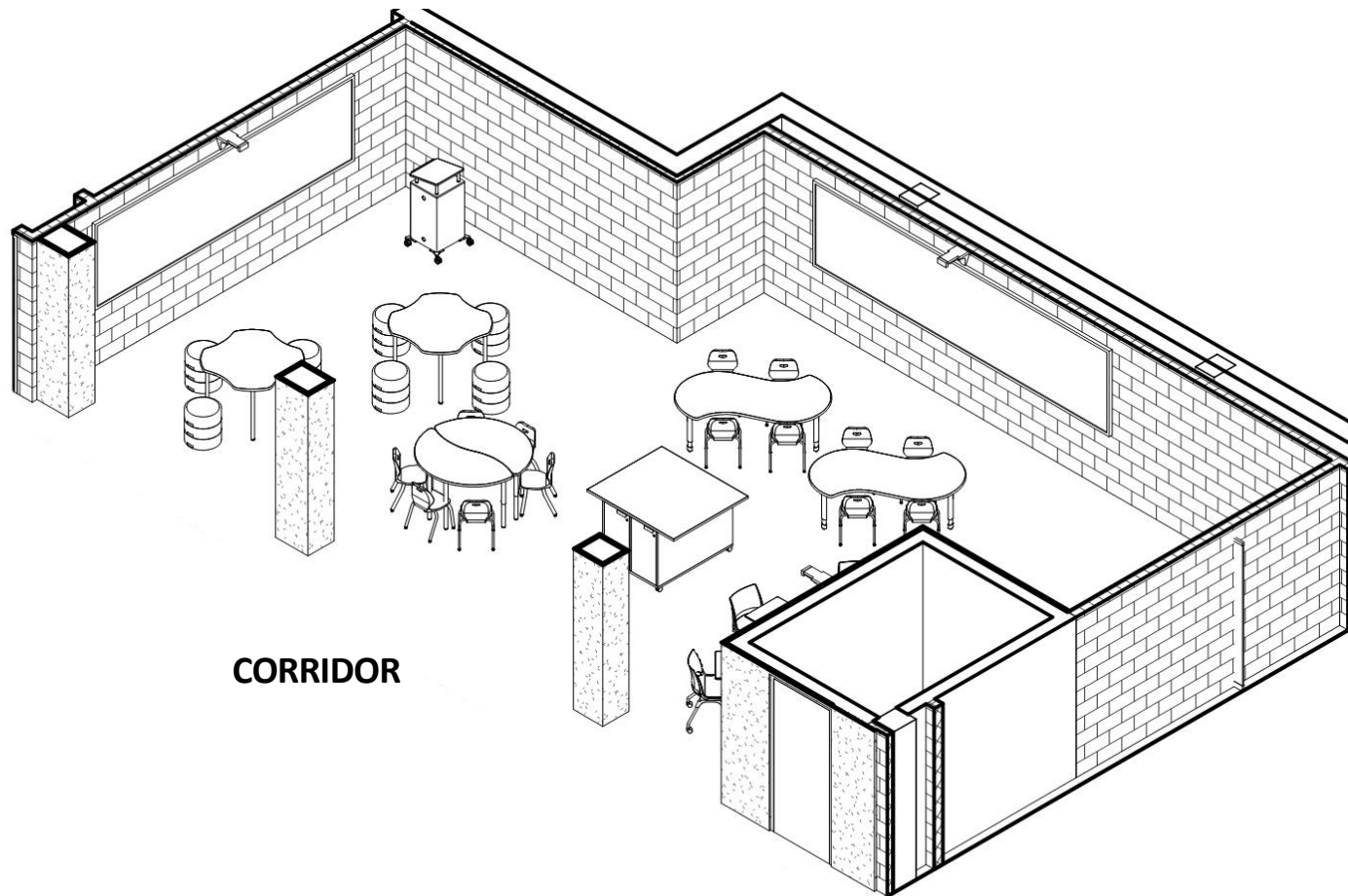
CLASSROOM LAYOUT



SCIENCE CLASSROOM LAYOUT



COLLABORATION SPACE LAYOUT



INTERIOR RENDERING - COLLABORATION SPACE

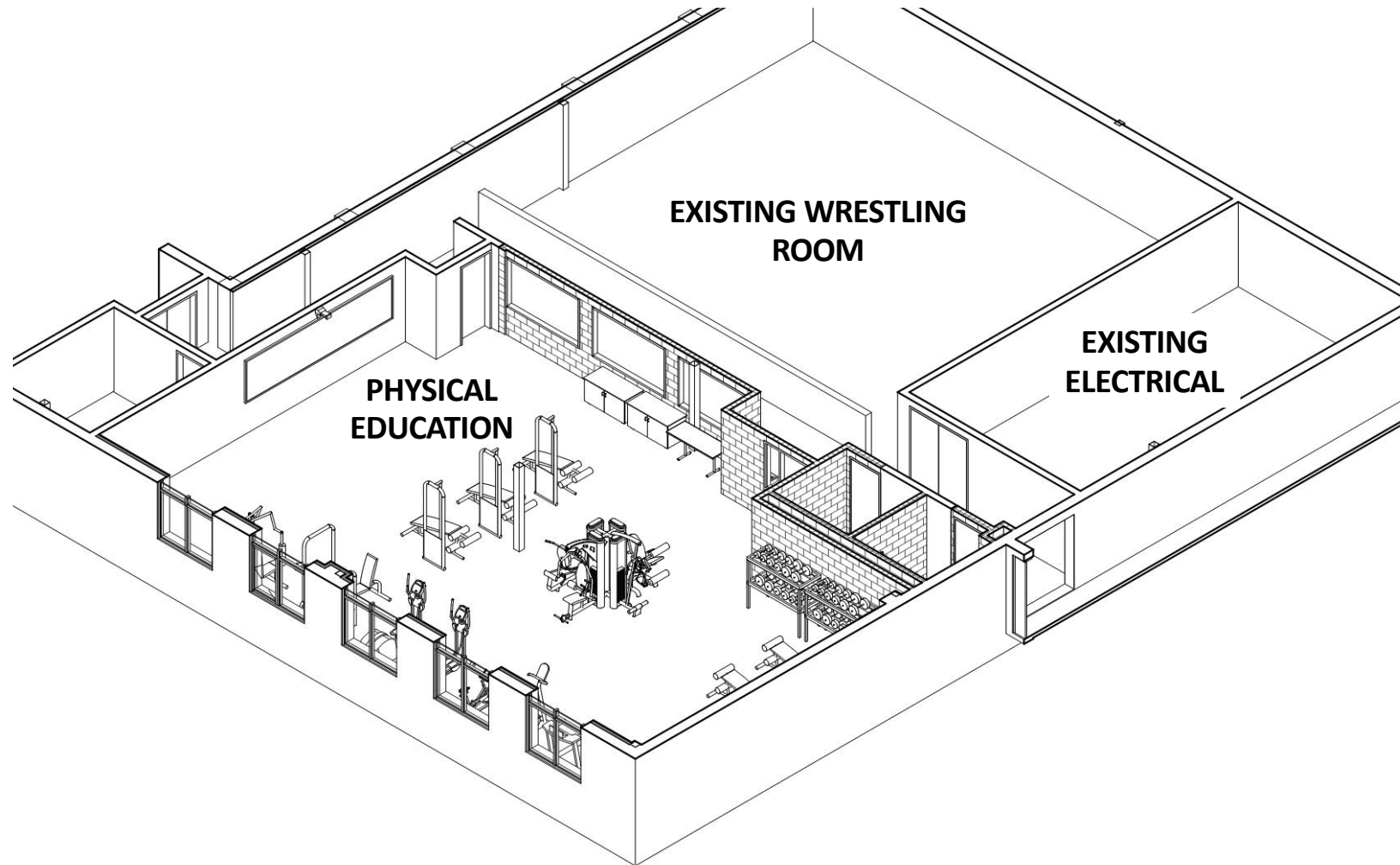


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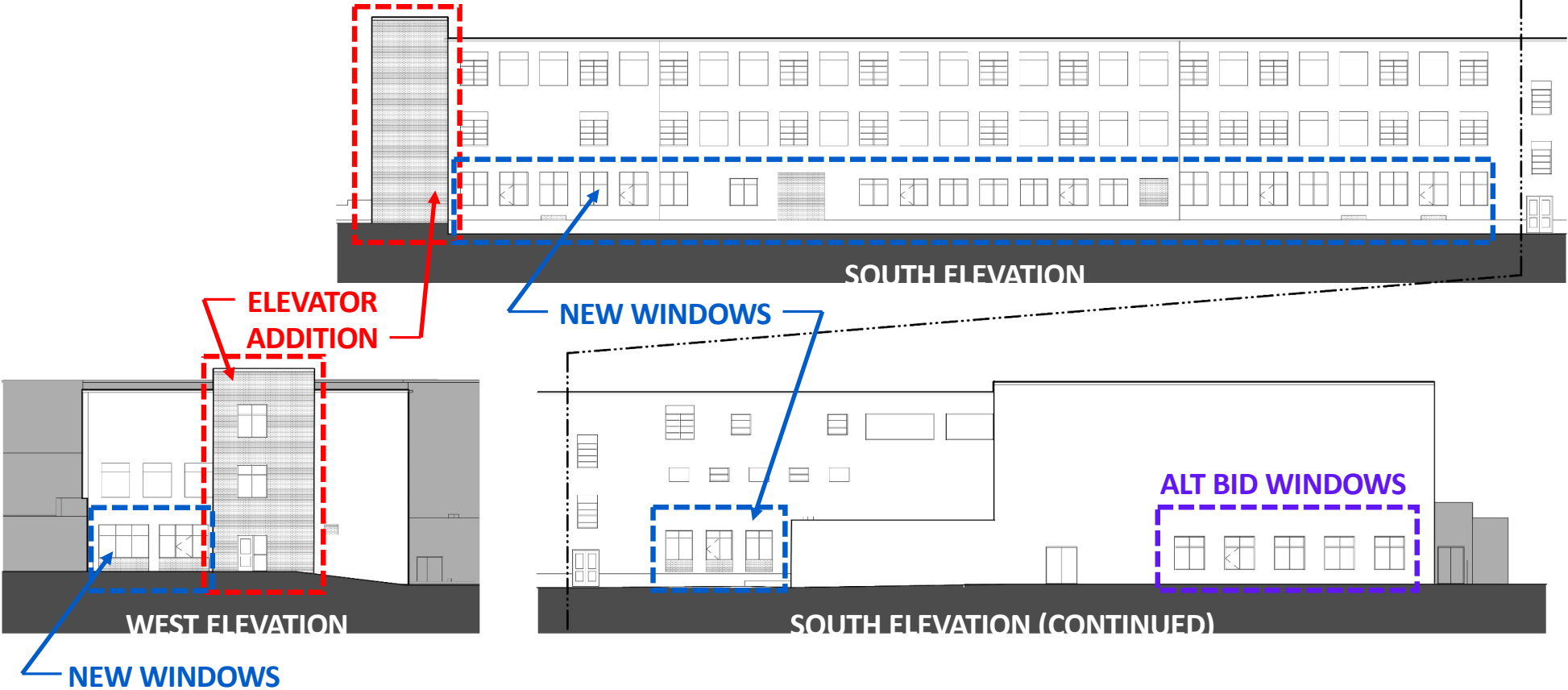
INTERIOR RENDERING - COLLABORATION SPACE



PHYSICAL EDUCATION SPACE LAYOUT



EXTERIOR ELEVATIONS



② CAFETERIA UPDATE

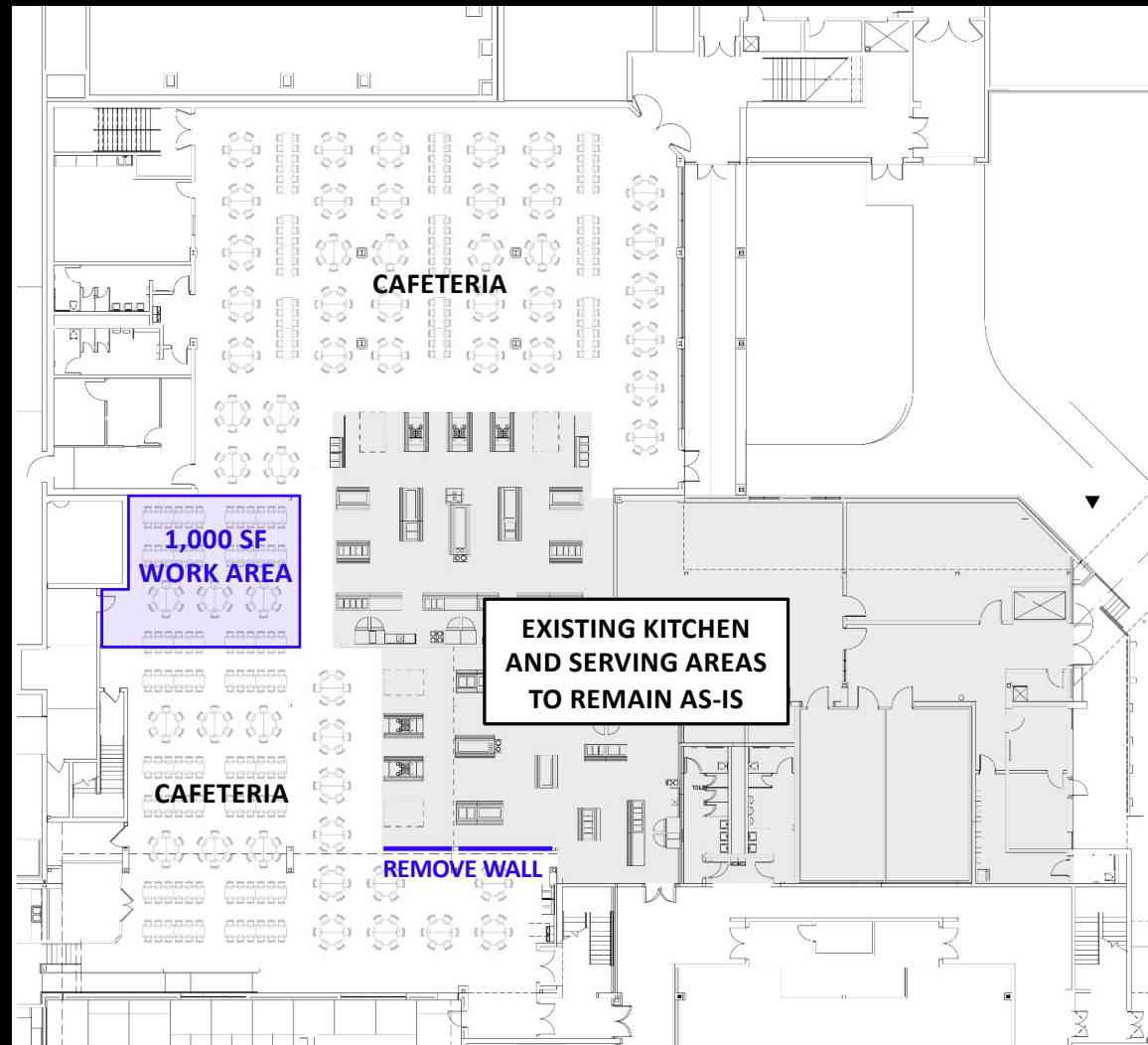
POTENTIAL FOOD SERVICE UPGRADES

- Design team recommends dish room removal to be “Phase 1” and part of the Base Bid project.
- Design team is studying the potential for additional upgrades to the MS/HS cafeterias and food service areas, including a more comprehensive look at adjacent related spaces.
- Design team recommends any upgrades beyond the proposed base bid work be broken out as a separate future project, due to:
 - Scope / cost relative to the base bid
 - Construction schedule
- “Phase 2”, pending future Board approval, will potentially occur during the summer of 2021 as a separate project.
- If “Phase 2” is completed, cafeteria will be substantially renovated, with the exception of a new sprinkler system.

REMOVAL OF FORMER DISH ROOM

- Now recommended as base bid.
- Estimated cost: \$330,000 (updated due to loadbearing wall removal and acoustical panels).
- Provides adequate seating capacity but does not optimize student movement and flow; or allow lunch and instructional scheduling flexibility.
- Keeps existing furniture. Furniture purchase to accommodate additional seating only.
- Includes painting walls.
- No work to existing kitchen or serving areas.

PHASE 1 CAFETERIA



③ ALTERNATE BID SUMMARY

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ALTERNATE BID

- Replace poured urethane floor in main gym \$ 77,000
- Refinish wood floor in auxiliary gym \$ 21,000
- Replace wall padding in both gyms \$ 44,000
- New basketball goals for main gym \$ 27,000
- Add air conditioning for both gyms and wrestling room \$330,000
- Replace glass block in auxiliary gym with new window system \$ 30,000
- Windows for physical education room \$ 45,000
- Replace roof/paver system outside exterior gym door and repair adjacent wall/ handrail \$ 30,000

SUBTOTAL ALTERNATES (RANGE) \$550,000 - \$650,000

CONSTRUCTION RELATED SOFT COSTS FOR ALTERNATES \$ 70,000

TOTAL ALTERNATES (RANGE) \$620,000 - \$720,000

* Note – Cafeteria “Phase 1” is now part of Base Bid.

④ BUDGET UPDATE

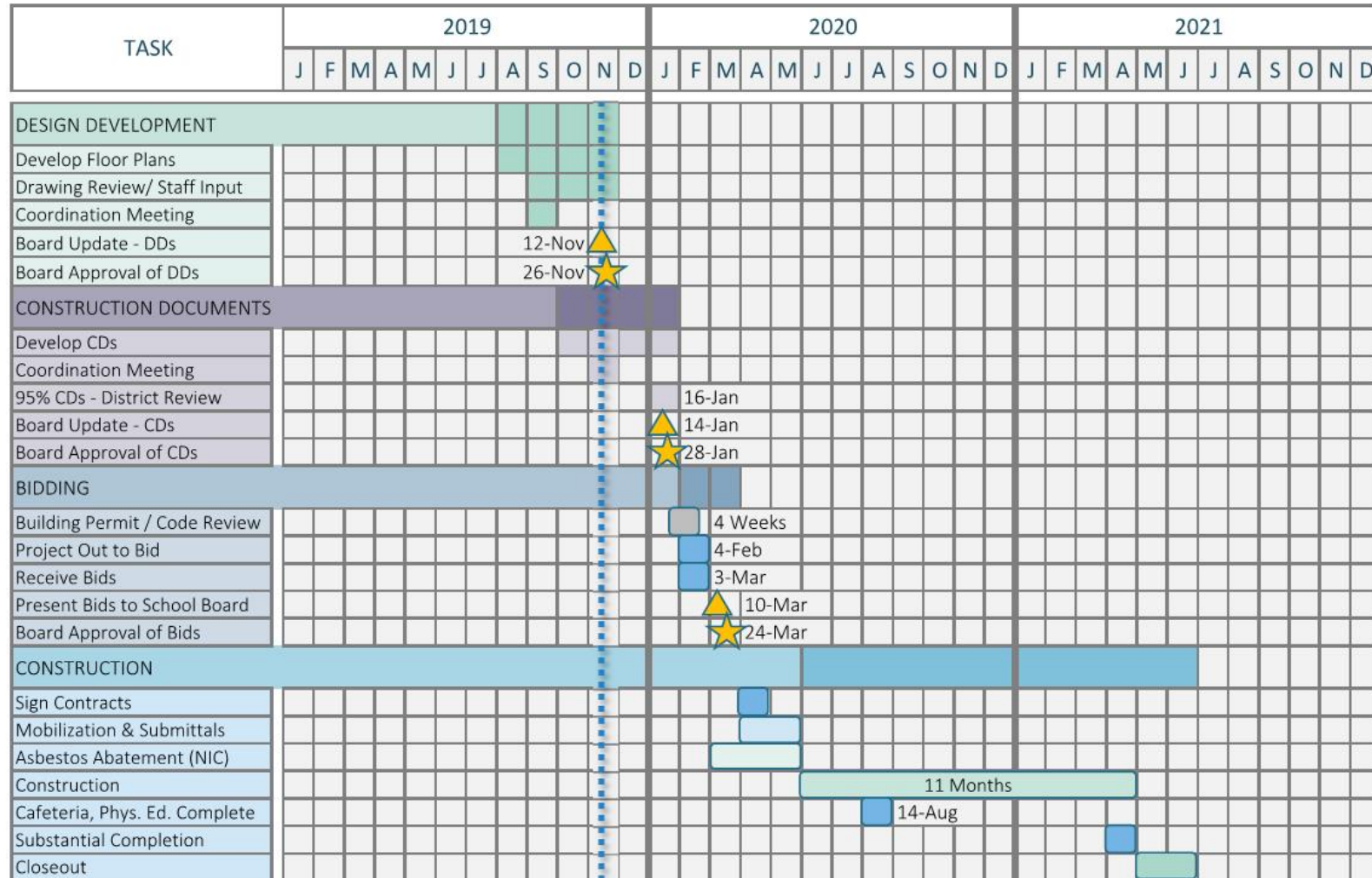
PROJECT BUDGET

	<u>SD Estimate</u>	<u>DD Estimate</u>
General Construction	\$2,900,000	\$3,175,000
Mechanical Construction	\$ 700,000	\$ 795,000
Plumbing Construction	\$ 300,000	\$ 334,000
Electrical Construction	\$ 600,000	\$ 672,000
Construction Related Soft Costs	\$ 600,000	\$ 585,000
CONSTRUCTION COST SUBTOTAL:	\$5,100,000	\$5,561,000
Project Related Soft Costs	\$ 900,000	\$ 802,000
TOTAL BASE BID PROJECT COSTS:	\$6,000,000	\$6,363,000
TOTAL ALTERNATES:	\$ 620,000 - \$ 720,000	

* Note – Cafeteria “Phase 1” is now part of Base Bid.

⑤ SCHEDULE / NEXT STEPS

PROJECT SCHEDULE



QUESTIONS?



Crabtree, Rohrbaugh & Associates
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