

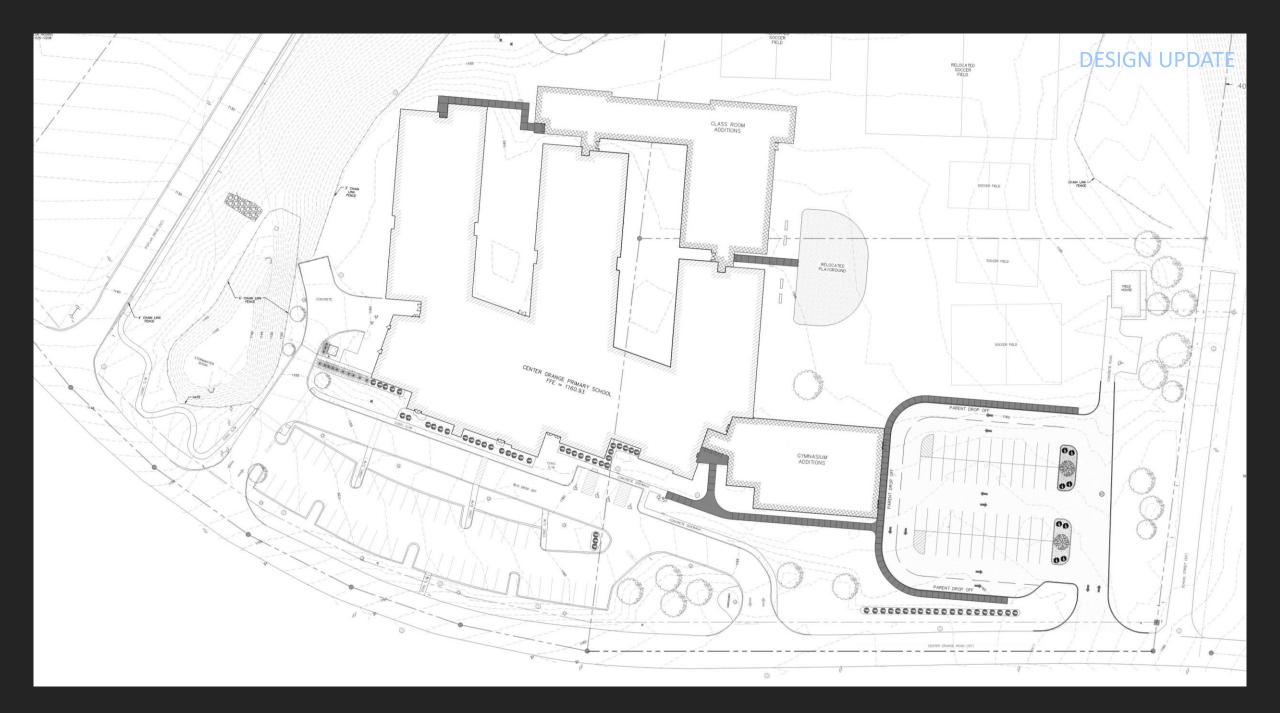
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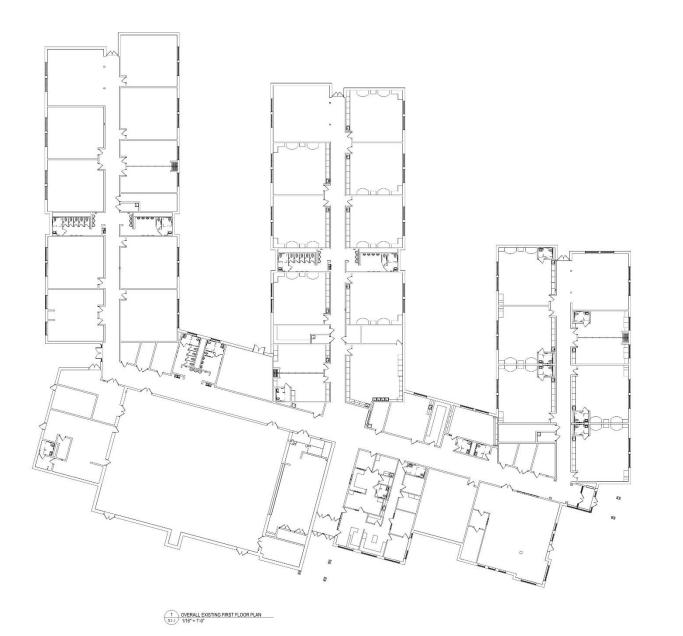
Crabtree, Rohrbaugh & Associates CENTRAL VALLEY SCHOOL DISTRICT

CENTER GRANGE PRIMARY

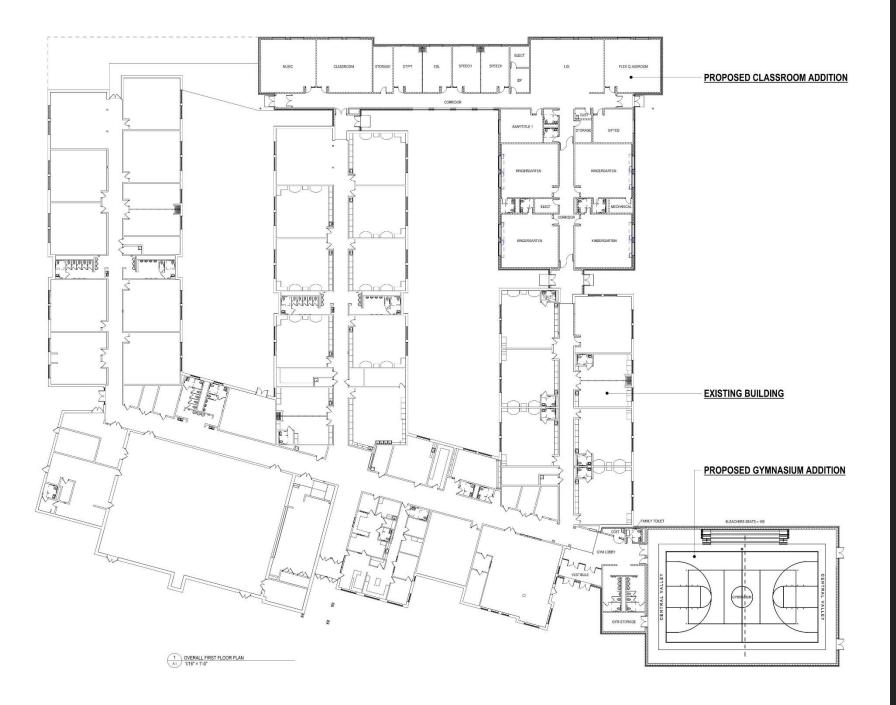
SCHOOL BOARD MEETING NOVEMBER 18, 2021

- DESIGN UPDATE
- PROJECT BUDGET REVIEW
- SCHEDULE





Existing Floor Plan



- Classroom Addition
- Storm Shelter
- Exterior Connector
- Gymnasium Addition



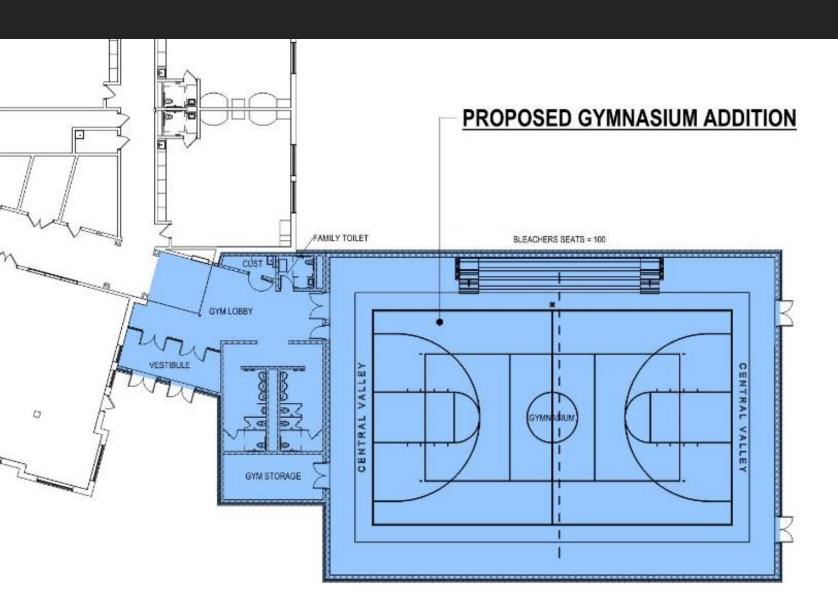
- Classroom Addition
 - Full Day Kindergarten
 - Music Classroom
 - Flex Classrooms
 - Additional Special Ed.
 Classrooms
 - Large Group Instruction
 - Support Spaces



- Storm Shelter
 - Code required
 - Based off geographic location of the project



- Exterior Connector
 - Paved area to connect second grade wing and new addition

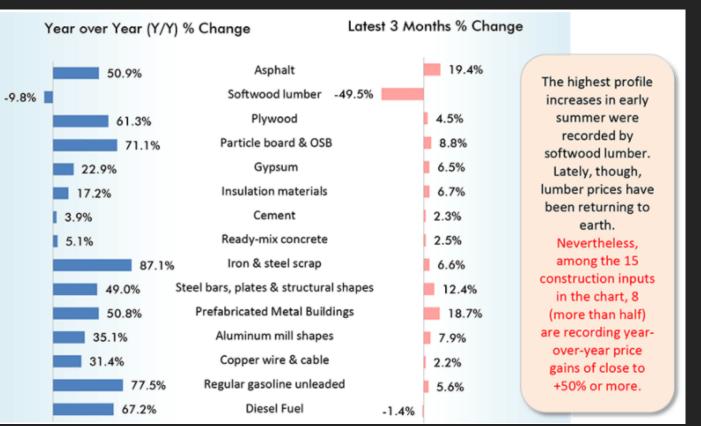


- Gymnasium Addition –
 [Add Alternate]
 - 100 seat capacity
 - Designated entry/vestibule
 - Support Spaces

PROJECT BUDGET

CURRENT MARKET CONDITIONS: KEY BUILDING MATERIALS

- 1. 15% MARKET ADJUSTMENT DATA BASED ON:
 - PA BIDDING MARKET
 - Bidding Past 6-8 months
 - Contractors
 - National Cost Estimators
 - TCT Cost Consultants (Mid-Atlantic Region)
 - Forella Group Estimators (Eastern United States region)

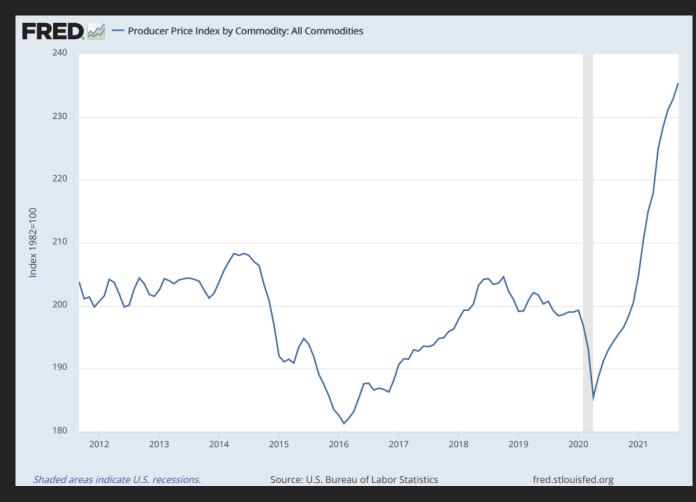


Material Costs Change – Bureau of Labor Statistics – August 2021

PROJECT BUDGET

CURRENT MARKET CONDITIONS: KEY BUILDING MATERIALS

- 1. Inflation rate 3.75% / year (2017-2020)
- 2. Factors impacting cost escalation
 - Cost of raw materials
 - Continued labor shortage
 - Continued supply chain disruption
 - Cost of shipping (fuel)
- 3. Subcontractor/distributor pricing
 - Holding prices for 15-30 days
 - Prices not guaranteed until material shipped



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NEW CONSTRUCTION COST - CLASSROOMS		\$	4,111,000						
NEW CONSTRUCTION COST - GYM		\$	2,190,000						
SITE WORK & DEMO		\$	845,000						
ALTERNATES									
AV DATA TECH EXISTING CLASSROOMS	LS	\$	850,000						
DOOR ACCESS CONTROLS	LS	\$	87,500						
CR HEAT PUMPS	LS	\$	275,000						
FIRE ALARM SYSTEM	LS	\$	135,000						
GYM AV SYSTEM	LS	\$	85,000						
WINDOW TREATMENTS		\$	15,000						
ESCALATION FACTORS		\$	415,353						
CONSTRUCTION RELATED SOFT COSTS		\$	1,019,474						
ADDITIONAL SOFT COSTS WITH ALTERNATE	S	\$	760,215						
FINANCING		\$	325,921						
MOVEABLE FIXTURES / EQUIPMENT		\$	155,000						
ESTIMATED TOTAL PROJECT COST		\$11,269,462							

PROJECT BUDGET

Program Finalized IBC Shelter Requirement Site Survey Complete Classroom w/ Gym Alternate

Escalation Includes: \$15/SF

- Estimate to Midpoint
- Project Phasing
- Estimating Contingency

Continue to monitor

CENTRAL VALLEY SCHOOL DISTRICT - CENTER GRANGE PRIMARY ADDITIONS/RENOVATIONS																														
UPDATED 11/1/21	DESIGN DURATION									MEETING DATE SUBMISSION/DEADLINE DATE																				
DESIGN SCHEDULE	2021																									2022				
TASKS	OCTOBER				NOVEMBER			DECEMBER		JANUARY		FEBRUARY		MARCH		APRIL		ΜΑΥ			JUNE			JULY						
DESIGN PHASE																														
DESIGN / ADMIN TEAM MEETINGS									Т			Т			Т		Т													
SCHOOL BOARD COMMITTEE MEETINGS								13			10																			
PUBLIC ENGAGEMENT MEETING																														
SCHEMATIC DESIGN	SCHEMATIC DESIGN																													
HVAC SYSTEM ANALYSIS																														
GEOTECHNICAL INVESTIGATION																											—			
DESIGN DEVELOPMENT						DESI	GN DI	VELOP	MENT	г																				
EXTERIOR BUILDING DESIGN																														
INTERIOR ROOM LAYOUTS																														
FACULTY MEETINGS																														
ACT 34 PROCESS																														
ACT 34 PUBLIC HEARING																														
CONSTRUCTION DOCUMENTS										СО	NSTRU	стю	N DOC	UM	ENTS															
90% CONSTRUCTION DOCUMENT SUBMISSION																														
BIDDING																														
CONTRACTOR BIDDING PERIOD																														
BOARD APPROVAL OF BIDS																														
SUBMIT FOR BUILDING PERMIT																														

QUESTIONS?



Crabtree, Rohrbaugh & Associates www.cra-architects.com