



BOYERTOWN AREA SCHOOL DISTRICT
BOYERTOWN WEST MIDDLE SCHOOL PROJECT UPDATE
DESIGN DEVELOPMENT PHASE SUMMARY
MAY 31, 2016

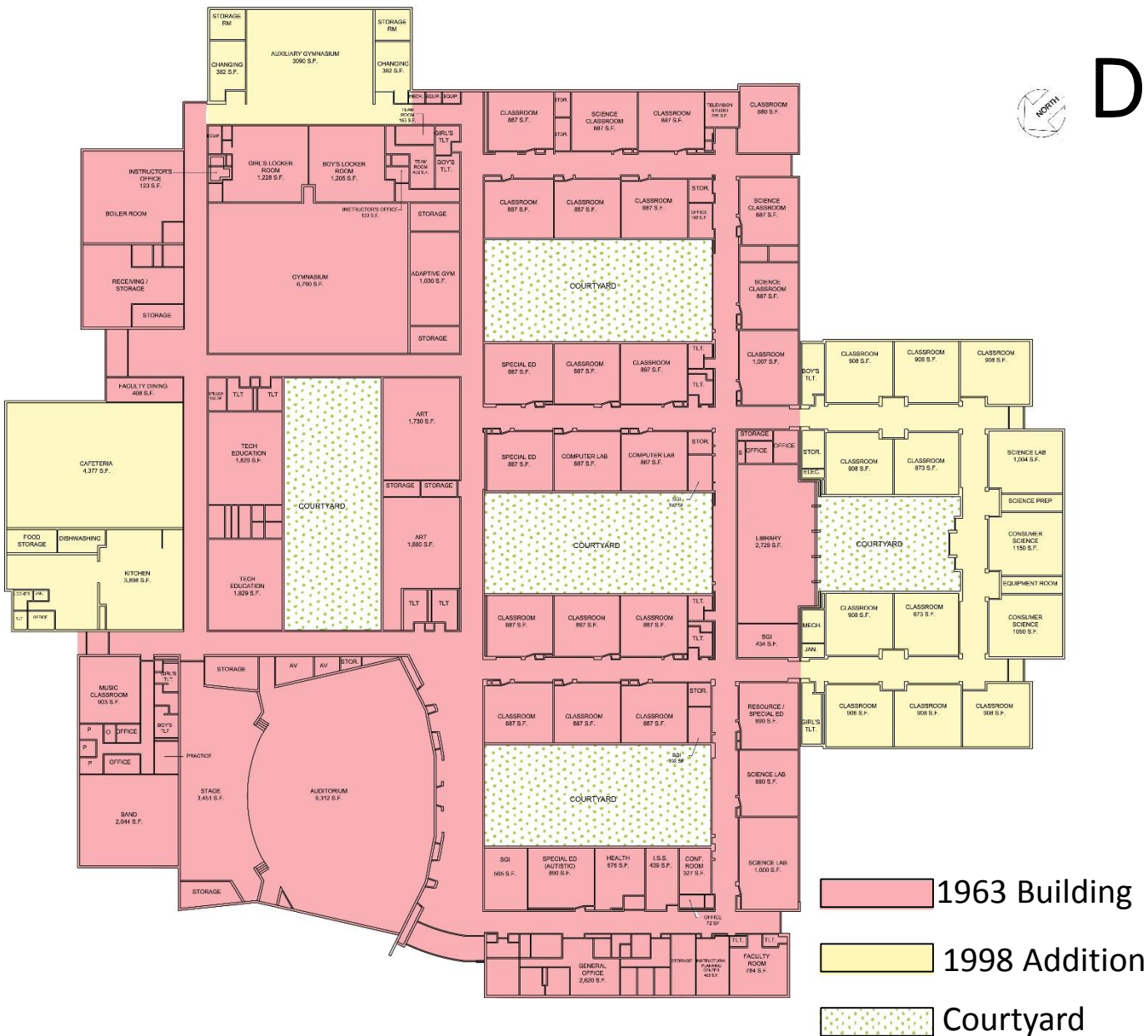
DESIGN DEVELOPMENT

PURPOSE

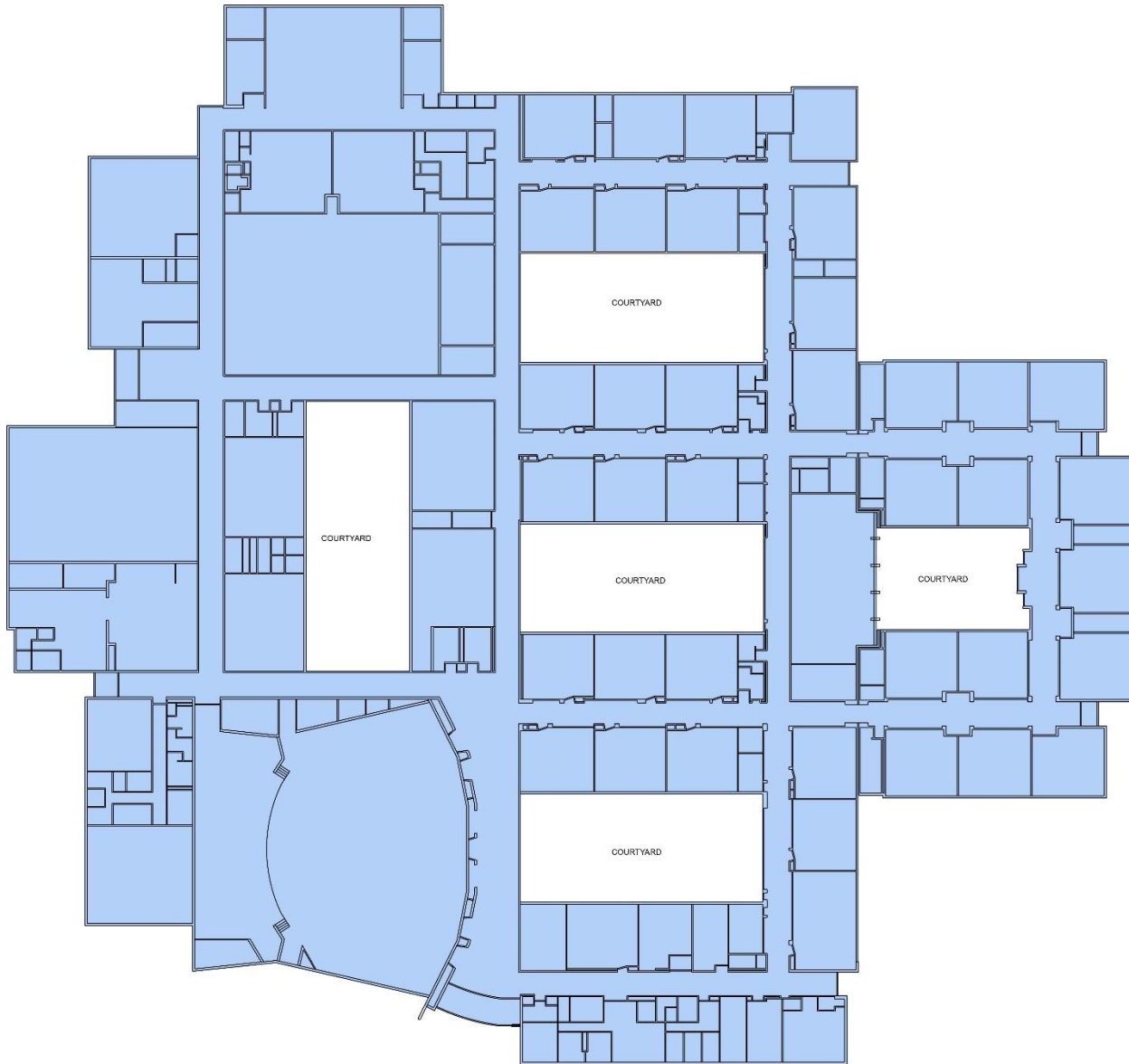
- Define Project Scope
 - Safety, Health, and Security
 - Energy Efficiency
 - Accessibility (ADA)
 - Infrastructure
 - Educational Programs
 - Building Additions
- Define Project Budget

NEXT STAGES

- Adjust & Refine Design Concepts
 - Construction Documents Phase
- Refine Design to Seek Cost Savings



Existing Building Floor Plan
Boyertown West Middle School



Design Development Summary

Boyertown West Middle School

OVERALL BUILDING UPGRADES

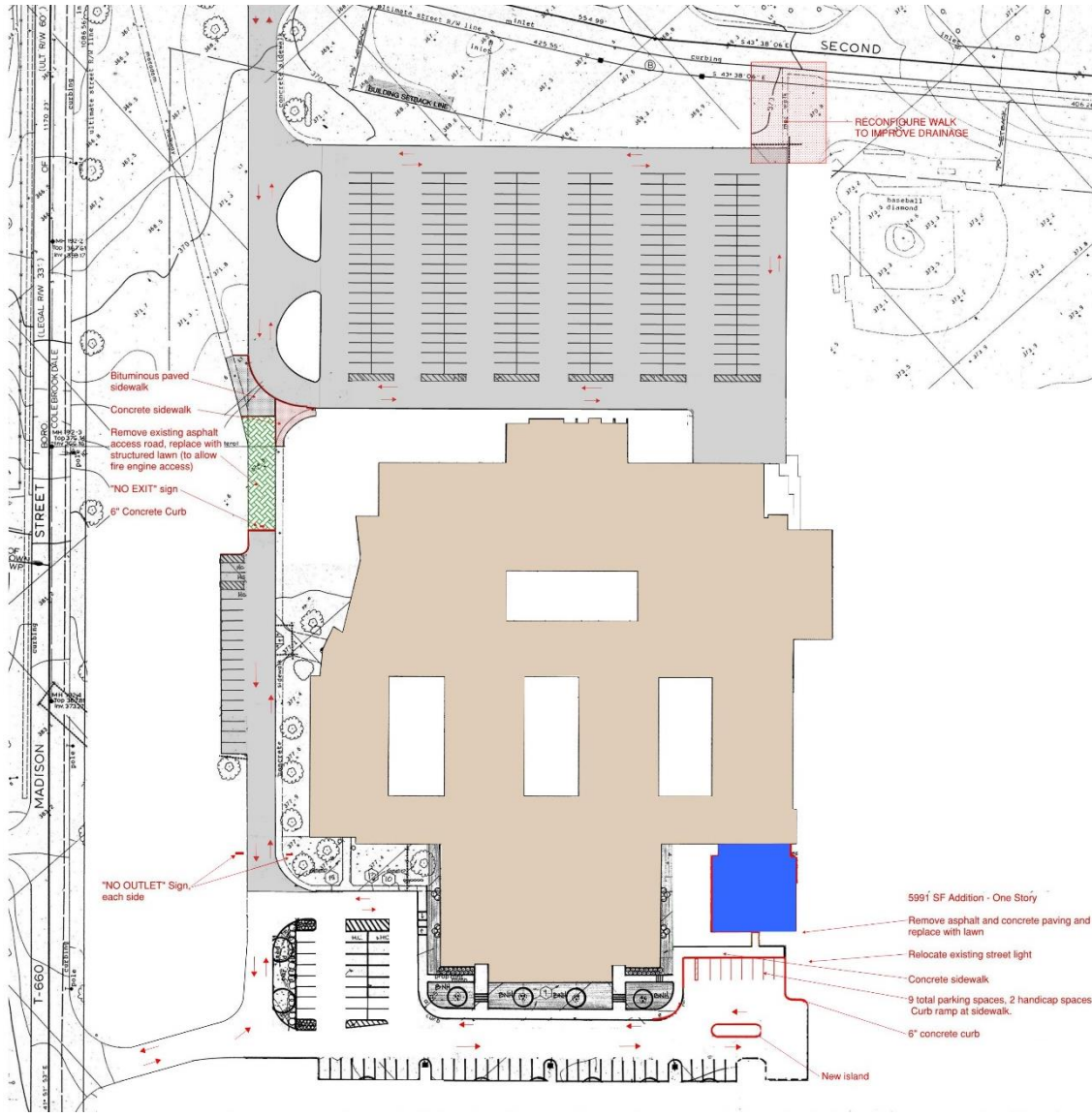
1. New HVAC System w/ AC
 - Includes Both Gyms
 - Auditorium – Separate Energy Project
2. New Electrical System
 - Lighting (LED)
 - Power
 - Switch Gear
3. Data Systems Upgrade
4. Security Upgrades
 - Expand Camera System
 - Security Hardware
5. Paint Walls
6. Replace Acoustical Ceilings
7. Sprinkler Work (Alternate)





- Entrance & Office Suite
- New Addition
- Toilet Room Renovations
- Courtyard
- STEM Fit-Out
- Art Room Fit-Out
- Science Lab Upgrades
- Gym Locker Renovations

Design Development Specific Building Upgrades Boyertown West Middle School



SITE WORK

- Resolve Pedestrian/Vehicle Conflict at Front Entry
- Reconstruct Deteriorated Asphalt Paving
- Replace Deteriorated Curbs
- Replace Deteriorated Sidewalks
- Replace Site Lights with LED

Design Development Summary Boyertown West Middle School

BOYERTOWN AREA SCHOOL DISTRICT		
West Middle School		
PRELIMINARY DD ESTIMATE		
May 18, 2016 (Rev 5/24)		
Fidevia		
BASE BUDGET		
1	REPLACE WINDOWS, DOORS, FLOORING	
2	ASBESTOS ABATEMENT	
3	ADA ACCESSIBILITY, CLEARANCE AND FIXTURES	
4	SAFETY - (UPGRADES & RECONFIGURATION, NEW SECURITY SYSTEM & SECURE ENTRANCE)	
5	REPLACE PORTIONS OF ROOF	
6	RENOVATE LOCKER ROOMS, BLEACHERS, ADD GYM STORAGE	
7	ELECTRIC SYSTEM REPLACEMENT	
8	MECHANICAL SYSTEM REPLACEMENT	
9	RENOVATE OFFICE SUITE	
10	REPLACE CEILINGS, CASEWORK	
11	SIDEWALK/CURB REPLACEMENT	
12	REPLACE MAIN TRANSFORMER	
13	PAINT CLASSROOMS AND CORRIDORS	
14	REPLACE HEATING & VENTILATION SYSTEMS IN BOTH GYMS	
	SUBTOTAL	\$13,079,158
SAFETY		
1	PERVIOUS PAVING AT FRONT DRIVEWAY	\$48,280
2	REPLACE STUDENT LOCKERS	\$209,750
3	REPLACE STAGE RIGGING	\$111,500
4	EXPAND CAMERA SYSTEM	\$22,419
5	NEW SPRINKLER SYSTEM	
EDUCATIONAL		
1	BUILDING ADDITION WITH 4 CLASSROOMS & 2 SGI	\$1,350,000
2	BUILDING ADDITION WITH 2 CLASSROOMS & 2 SGI	
3	SCIENCE LAB UPGRADES WITH NEW CASEWORK	\$603,685
4	STEM FIT OUT IN TECH ED LABS	\$56,443
5	ART ROOM FIT OUT WITH NEW CASEWORK	\$130,365
6	UPGRADE STAGE LIGHTING WITH SOUND SYSTEM	\$82,500
7	UPGRADE TV STUDIO	\$37,450
8	GYM LOCKER ROOM RENOVATION	\$387,425
FACILITY		
1	REPLACE TECH ED FLOORS WITH CONCRETE	\$134,700
2	REPLACE STAGE FLOOR	\$43,790
3	REPLACE SELECT GROUP RESTROOMS	\$297,930
4	ADD A/C TO NEW GYM AHU'S	\$29,964
5	REPLACE MAIN STAGE CURTAIN	\$48,700
6	ADD NEW GAS WATER HEATER	
	SOFT COSTS/CONTINGENCY	\$4,168,515
	TOTAL	\$20,842,574

DESIGN DEVELOPMENT BUDGET

Budget Preparation

- Fidevia Construction Management & Consulting
- Based upon 80+ Sheets of Drawings
- Multiple Coordination meetings

Budget Summary

- Construction Cost \$16,674,059
- Soft Costs & Contingency \$4,168,515
- Total Project Cost \$20,842,574

Budget Summary

Boyertown West Middle School

Discussion



Boyertown West Middle School