

Status of Projects

October 2023

Architecture, Engineering & Construction



Objective

Update the GSD Board and Superintendency on the progress of major construction projects overseen by the Architecture, Engineering & Construction Department on behalf of Granite School District.



Security Upgrades Timeline

SECURITY UPGRADES/REMODELS

Completed						In Progress			Future	
Prec.	School	Year	Prec.	School	Year	Prec.	School	Year	Prec.	School
1	Crestview El	2015	6	Arcadia El	2018	1	Skyline High	2026	1	Churchill Jr
1	Upland Terrace	2015	6	Valley Jr	2018	7	Cyprus High	2025	1	Olympus Jr
2	Moss El	2015	7	Bacchus El	2018	5	West Lake Jr	2024	1	Wasatch Jr.
3	Granger El	2015	7	Copper Hills El	2018				1	Olympus High
3	Wilson El	2015	1	Driggs El	2019				2	Cottonwood High
4	Bridger El	2015	1	Rosecrest El	2019				2	Granite Peaks
4	Plymouth El	2015	2	Spring Lane El	2019	5	* Valley Crest El	2024	2	Bonneville Jr
5	Jackling El	2015	4	Bennion El	2019	6	* Western Hills El	2024	3	Eisenhower Jr
5	Redwood El	2015	7	Diamond Ridge El	2019	6	* West Kearns El	2024	4	(Westbrook El)
6	Academy Park El	2015	7	Orchard El	2019	7	* Silver Hills El	2024	4	Bennion Jr
6	Gourley El	2015	4	Beehive El	2020				4	Kearns High
7	Magna El	2015	5	Armstrong Ac	2020				4	Taylorsville High
7	Pleasant Green El	2016	5	Pioneer El	2020				5	Granger High
1	Cottonwood El	2016	7	Elk Run El	2020				6	Kearns Jr
2	Roosevelt El	2016	7	Lake Ridge El	2020				6	Kennedy Jr
2	Twin Peaks El	2016	3	Granite Park Jr.	2020				6	(Sandburg El)
3	Taylorsville El	2016	4	South Kearns El	2020				7	Brockbank Jr
5	Monroe El	2016	0	Clene Valley El	2020				7	Hunter Jr
7	Hillside El	2018	5	Sanderson El	2021				7	Jefferson Jr
1	Morningside El	2018	6	Timan El	2021				7	Matheson Jr
1	Evergreen Jr	2018	1	Eastwood El	2021				7	Hunter High
2	Lincoln El	2018	5	Wright El	2021					Jones Center
2	Mill Creek El	2018	6	Frost El	2021					
3	Fremont El	2018	7	Whittier El	2021					
4	Fox Hills El	2018	5	West Valley El	2021					
4	Smith El	2018	2	Hartvigsen	2022					
4	Vista El	2018	1	Oakridge El	2022					
5	Farnsworth El	2018	5	Rolling Meadows El	2022					
5	Hillsdale El	2018	1	Wm Penn El	2022					
6	Hunter El	2018	1	* Oakwood El	2023					
6	Oquirrh Hills El	2018	2	* Woodstock El	2023					



* In the interim, until the security remodel is complete, we are installing video intercom doorbells at the front entrance to control access.



Upcoming Projects



Upcoming Projects

Hunter High track expansion from 4 lanes to 8 lanes is in design.

Silver Hills security upgrade is in design.



Construction Remodels



Boiler Replacement / HVAC Controls Upgrades



Hunter Elementary control upgrade is 90% complete. Test and balance of the system is scheduled.

Granite Park Junior High is 95% complete. Contractors are working in the kitchen area.

GEC cooling upgrade is still in a holding pattern.

Hillside Elementary HVAC upgrade is 95% complete. Test and balance is almost complete for evaluation of the building systems.

Cottonwood High HVAC control upgrade is still in progress. Due to long lead time on controllers, the completion date has been extended to mid-October.

Valley Crest HVAC control upgrade is 90% complete. Contractors are working in the media center finishing controls and installing dampers at the furnaces. Test and balance for the system is scheduled.

Taylorsville High gymnasium A/C upgrades are 40% complete. Ductwork is installed and complete.

Chiller Additions



Diamond Ridge chiller addition has been put out for bid.

Granger Elementary chiller addition has been put out for bid.

Oakwood chiller addition has been put out for bid.

Penn chiller addition has been put out for bid.

West Valley chiller addition has been put out for bid.

Woodstock chiller addition has been put out for bid.

ESSER Funded Projects

Loc	School/Locatio	Project Title
648	Taylorsville High School	Air Conditioning Upgrade to Main Gym & Aux Gyn
228	Diamond Ridge Elementary	HVAC Upgrade - Chiller to Replace Evaporative Cooling
266	Granger Elementary	HVAC Upgrade - Chiller to Replace Evaporative Cooling
326	Oakwood Elementary	HVAC Upgrade - Chiller to Replace Evaporative Cooling
333	William Penn Elementary	HVAC Upgrade - Chiller to Replace Evaporative Cooling
414	Woodstock Elementary	HVAC Upgrade - Chiller to Replace Evaporative Cooling



Truman Elementary HVAC System Replacement



Truman chiller addition has been put out for bid.

Since school will be in session during most of the construction, portable classrooms for the continuity of curriculum for areas under construction will be provided. Moving and hookup of these classrooms is currently under way.

The project will be completed in phases and by areas.

- a. **Area 1 – Magenta** – This is the core area of the overall project, and the contractor will have continuous access for construction activities.
- b. **Area 2 – Green** – The first area where students and staff will be moved to the portable classrooms during construction. It represents half of the school's current enrollment. Upon completion of construction in Area 2, the students will return to their original classrooms.
- c. **Area 3 – Blue** – Students and staff will move to the portable classrooms once Area 2 is complete.
- d. **Area 4 – Red** – The Multi-Purpose Room, Cafeteria, and Kitchen area will need to remain functional and in operation during the entire school year so construction in this area will need to be completed over the school's summer break.

Construction of the Central Plant, a new ancillary structure where the new boilers and chiller will be located, needs to move forward as quickly as possible.

The anticipated start date of construction is October 24, 2023

The anticipated date of substantial completion is October 31, 2024



The Church
Jesus Christ of

Portable classrooms



Bonneville Junior High School

Bonneville auditorium house lights were completed in September.

Contractor will return mid-November once the theater lighting has been delivered.



Auditorium Lighting



House lights installed





Completed house lights



Cottonwood High School

Teen Center

Ribbon cutting ceremony was
September 28, 2023



Teen Center



Administrative office



Dining area





Laundry area

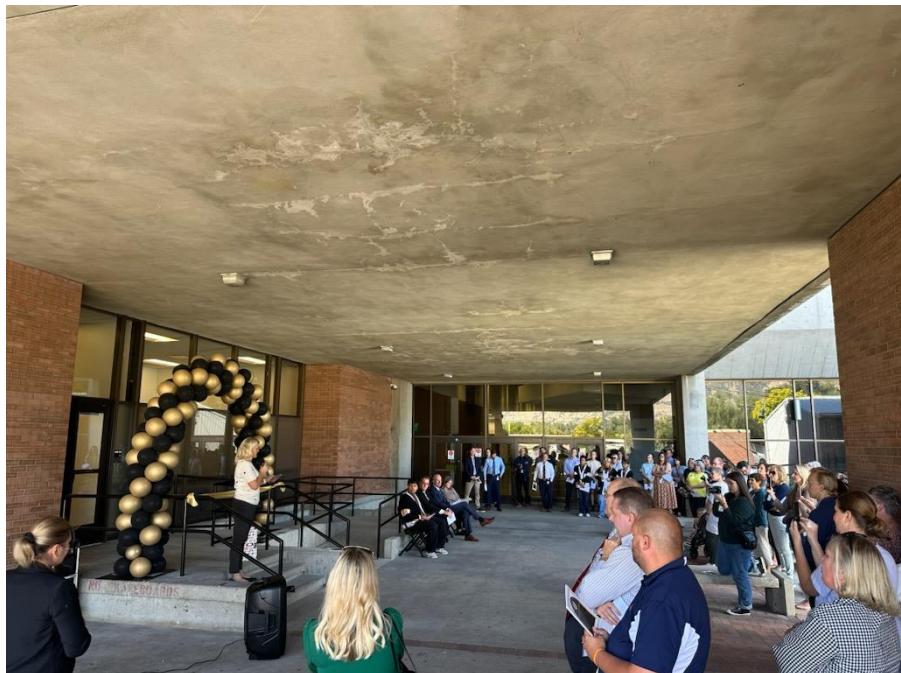


Lockers





Bathroom shower



Ribbon cutting event



Football Field Turf Replacement



Cottonwood High School

Football Field Turf
Replacement

Contractor placed the concrete collar for the long jump however the cover is on order.



Cottonwood High Field Progress



High jump collar



New Construction



West Lake STEM Junior High School

Building Construction



Roofing is 75% complete.

Glass is being installed around the perimeter of the building.

Installation of interior finishes such as tile and paint continue.

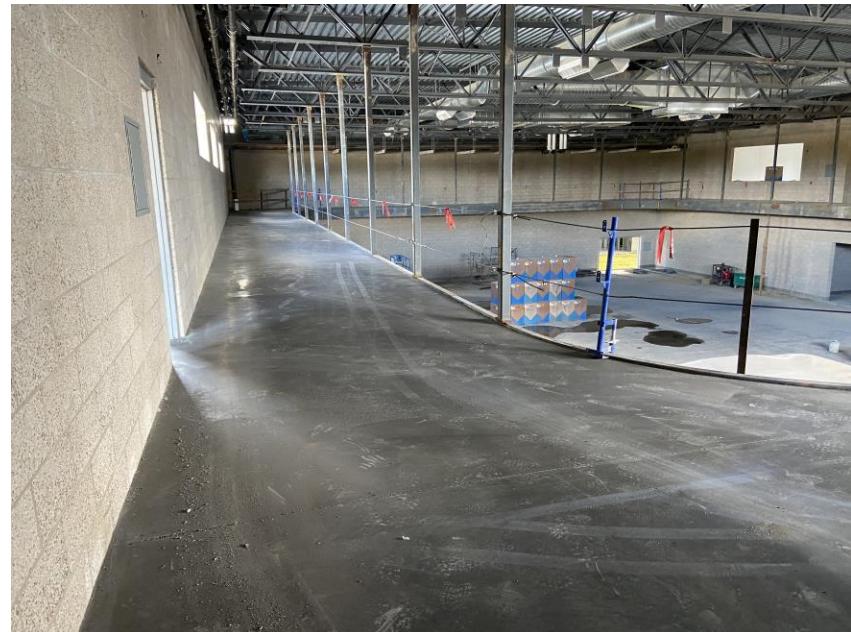
Landscaping has begun in the area east of the school.

Rough grading of the athletic field and running track is progressing.

West Lake Building Construction



Exterior metal finish panel installation



Running track concrete placement complete





Cabinets being installed in classrooms

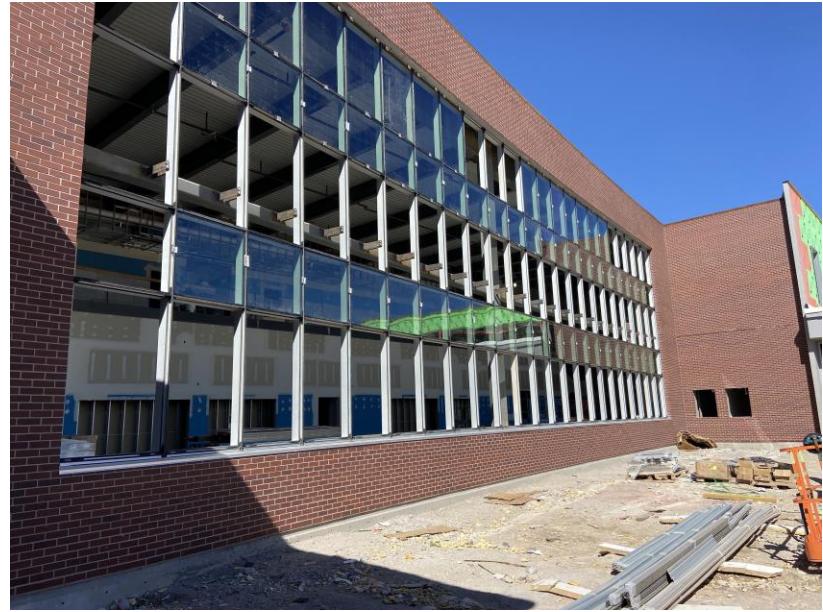


Patron parking / student drop zone pavement





Metal stud framing installed in kitchen area



Large curtain wall window at commons area



West Lake High School Cost Summary

Demolition Fees	PO #270183
Demolition Payments to Date	\$ 1,251,749.00 PHASE COMPLETE
Construction Fees	PO #270409
Construction Payments to Date	\$ 36,327,641.73
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Change Orders Requiring Board Authorization	
Owner Request	
Advancing Work Into Earlier Phase	
Unknown Conditions	\$320,458.89
Errors & Omission	
Staff Level Change Orders	-\$79,896.70
CO15	\$11,235.00
Change Order Sub Total	\$240,562.19
Phase Advancement Sub Total	\$0.00

Summary

Payments to Date - Grand Total	\$37,579,390.73
Change Order - Grand Total	\$253,465.19
Phase Advancement - Grand Total	\$0.00



Skyline High School

Athletics Complex Academics Phase

Site Work:

- West parking lot has been paved and striped
- Retaining walls are complete

Academics:

- Cafeteria and study hall steel is complete minus the main staircase
- Administration suite is nearing completion with drywall
- Roof is being completed above the cafeteria area
- Glass is going in on the remaining openings on the east side of the building
- Framing is nearing completion on all floors in the main building
- Rough in-wall electrical and plumbing has started on the second and third floors, and is almost complete on the second floor
- Canopies for the manufacturing yard and the art yard have been erected
- The athletics vestibule is starting drywall and will be weather tight by the end of this week



Skyline Building Construction



View of the entire project from the northwest.
The central building in the photo is the
Academics phase.



View of the entire project from the
southeast.



Completed west parking lot with striping



Canopy over the new manufacturing yard
with some of the equipment set





Glass going into the large openings on the south-east side of the Academics Building

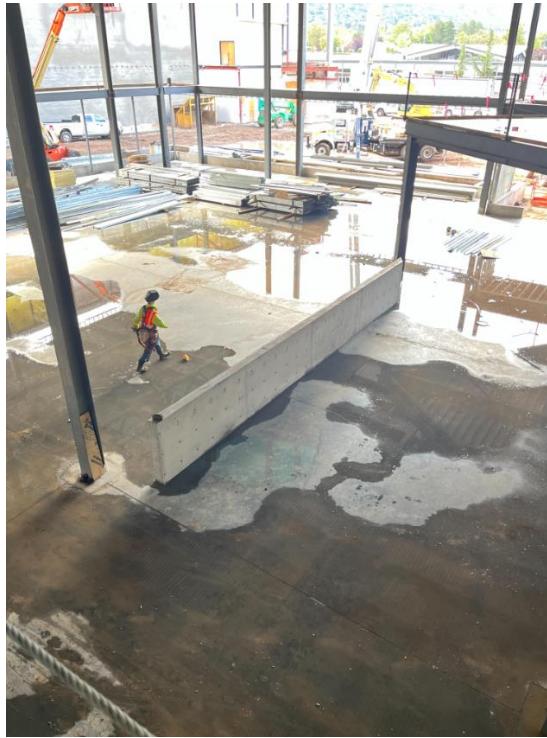


Main Entrance and New Athletic Entrance



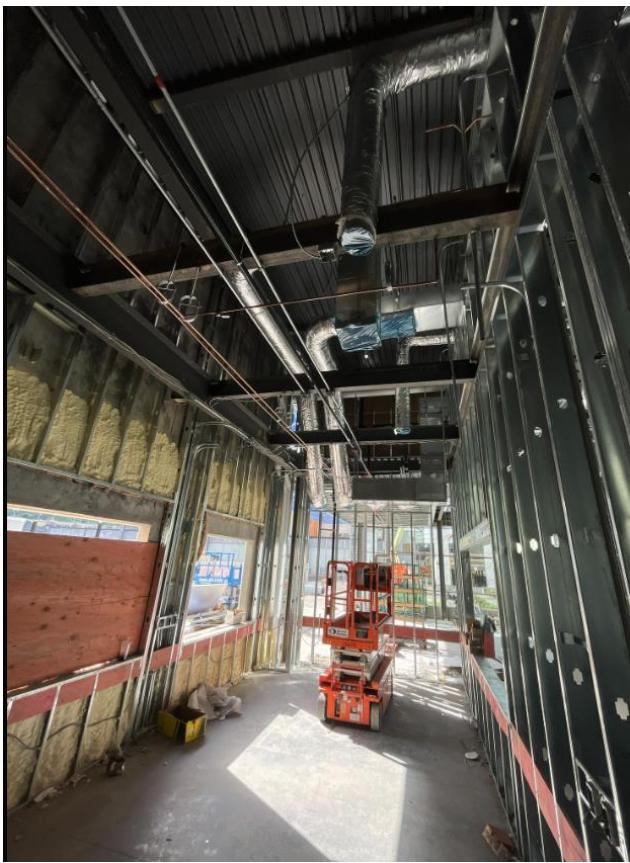


New air handlers on level 4 getting final duct connections



Concrete stem wall that goes below the grand staircase in the cafeteria

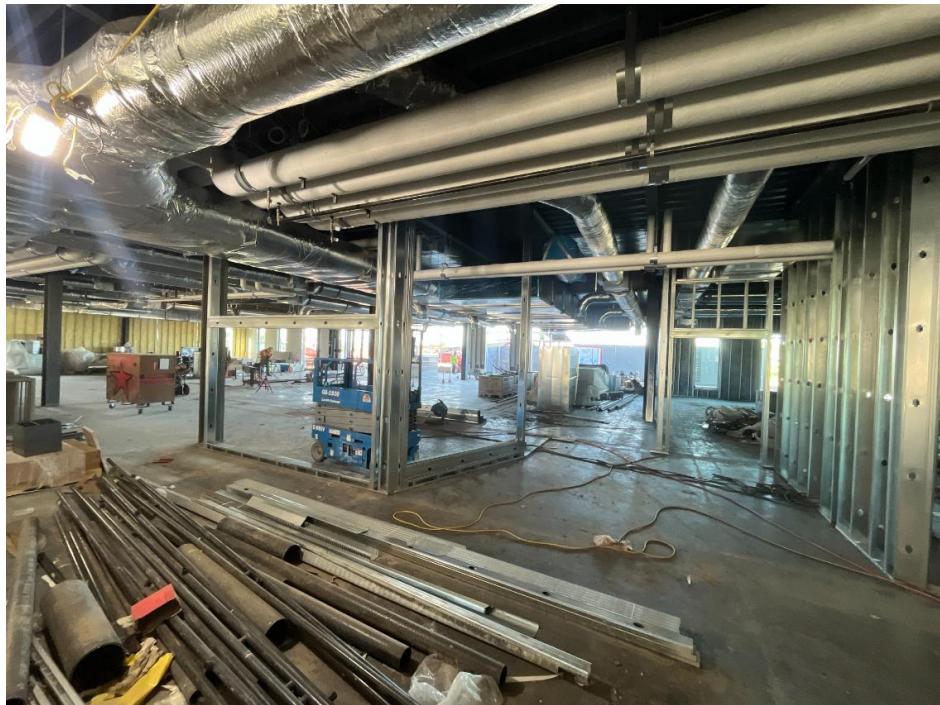




Concessions in the Athletics Lobby.
Rough in almost complete



New slab and tilt panel where
Academics transitions to the
Performing Arts Building



Framing progress in the Ceramics Lab on
Level 2



Typical drywall progress on levels 3 and 4
in the General Classrooms



Skyline High School Cost Summary

Construction Management Fees	PO #070055
Construction Payments to Date	\$ 8,597,230.77
Change Orders Requiring Board Authorization	
Owner Request	\$5,827,842.00
Change Order Sub Total	\$5,827,842.00
Phase 1 - Baseball Field	PO #070441
Construction Payments to Date	\$ 3,215,045.66 PHASE COMPLETE
Phase 2 - Athletics	PO #170038
Construction Payments to Date	\$ 41,255,603.55
Change Orders Requiring Board Authorization	
Owner Request	\$2,513,634.43
Advancing Work Into Earlier Phase	\$654,253.71
Unknown Conditions	\$107,237.02
Errors & Omission	\$305,449.44
Staff Level Change Orders	-\$2,523,123.14
	CO51 \$47,013.42
Change Order Sub Total	\$1,057,451.46
Phase Advancement Sub Total	\$654,253.71
Phase 3 - Site Package	PO #270113
Construction Payments to Date	\$11,441,286.56
Change Orders Requiring Board Authorization	
Owner Request	\$0.00
Advancing Work Into Earlier Phase	\$193,225.74
Unknown Conditions	\$71,537.66
Errors & Omission	\$48,139.45



Staff Level Change Orders	-\$1,590,104.04
CO12	\$4,574.93
Change Order Sub Total	-\$1,277,201.19
Phase Advancement Sub Total	\$193,225.74
Phase 4 - Academic Building	PO #270306
Construction Payments to Date	\$37,232,535.42
Change Orders Requiring Board Authorization	
Owner Request	
Advancing Work Into Earlier Phase	
Unknown Conditions	\$1,010.00
Errors & Omission	\$59,089.87
Staff Level Change Orders	-\$2,054,711.83
CO4.12	\$19,902.15
Change Order Sub Total	-\$1,994,611.96
Phase Advancement Sub Total	
Summary	
Payments to Date - Grand Total	\$101,741,701.96
Change Order - Grand Total	\$3,616,331.97
Phase Advancement - Grand Total	\$1,056,371.44
Bid Price approved by board 11/2021	\$173,736,642.48
Revised Cost	\$174,262,478.61



Cyprus High School

Building Construction



Site Work:

- Curbing and asphalt prep at the North end of the site
- Football stadium footings have been poured
- Light poles have been installed throughout the North end of the site

Athletics:

- Tile and waterproofing on-going in the PE Locker rooms
- Glass installation in the vestibule
- Glass installation in the Weight room
- Paint in the Dance room

Pool:

- Gallery seating has been poured on the observation deck
- Concrete floors in the locker room area

Administration:

- Steel erection

Academics:

- Framing, electrical rough in throughout classroom spaces
- Cement floors on levels 2,3 and 4.
- Steel stud erection and metal decking

Performing Arts:

- Projector booth concrete has been poured
- Orchestra steps have been formed and poured

Cyprus Building Construction



Site curbing, light posts and road base on the North end of the site





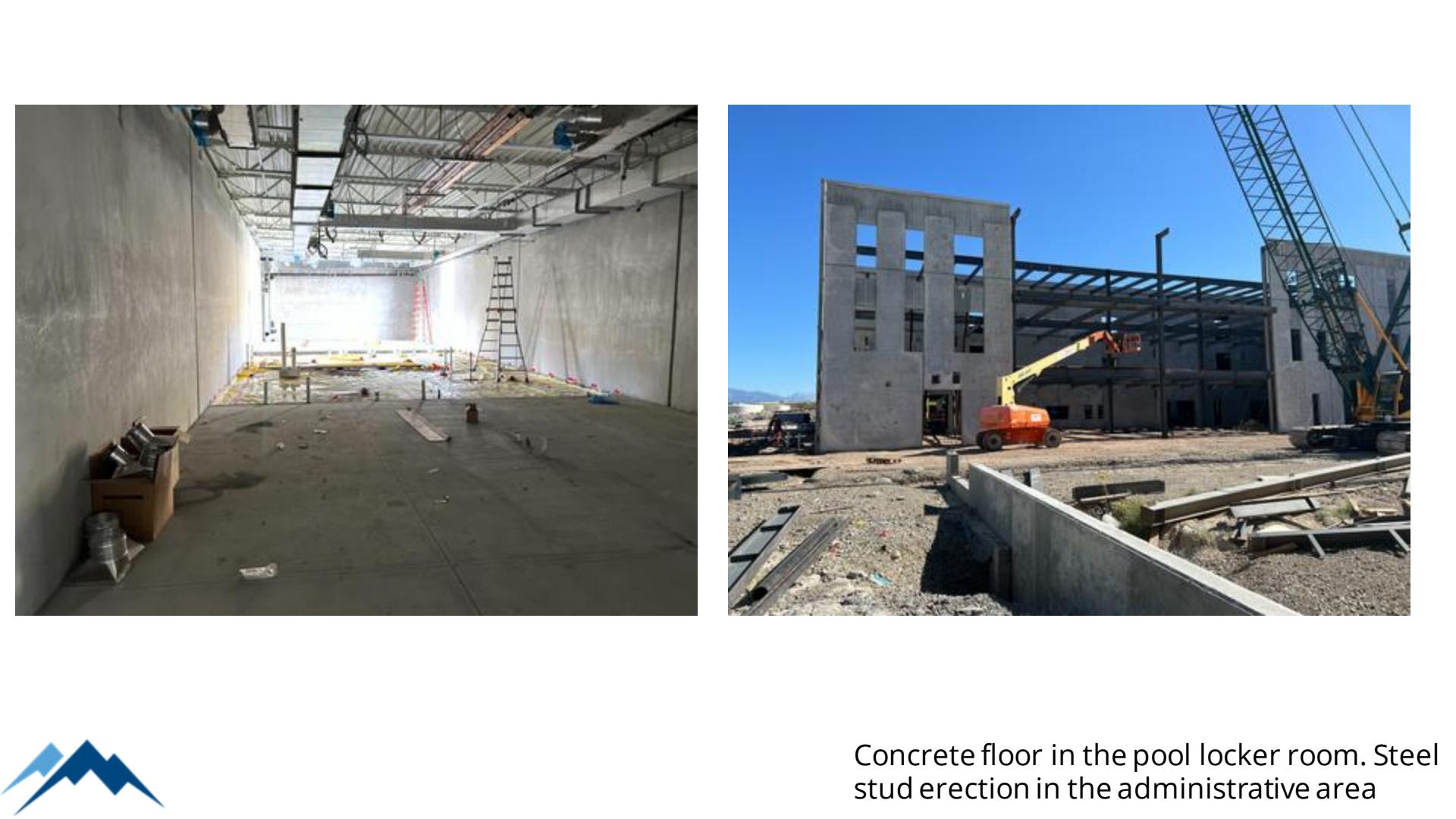
Football stadium footers
Waterproofing and tile in the PE locker
rooms of athletics



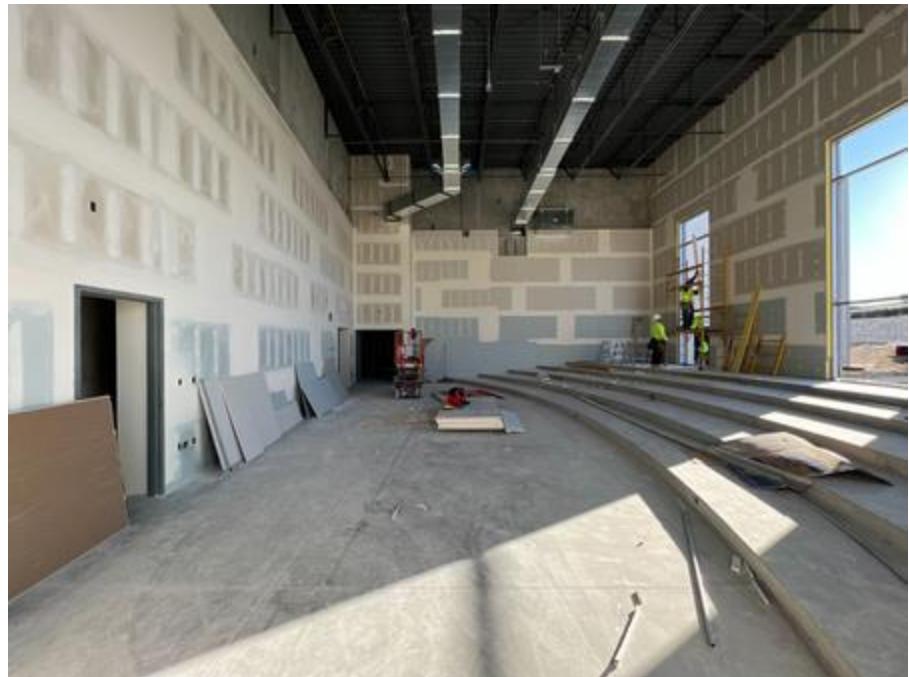


Paint in the dance room, seating on the observation deck of the pool

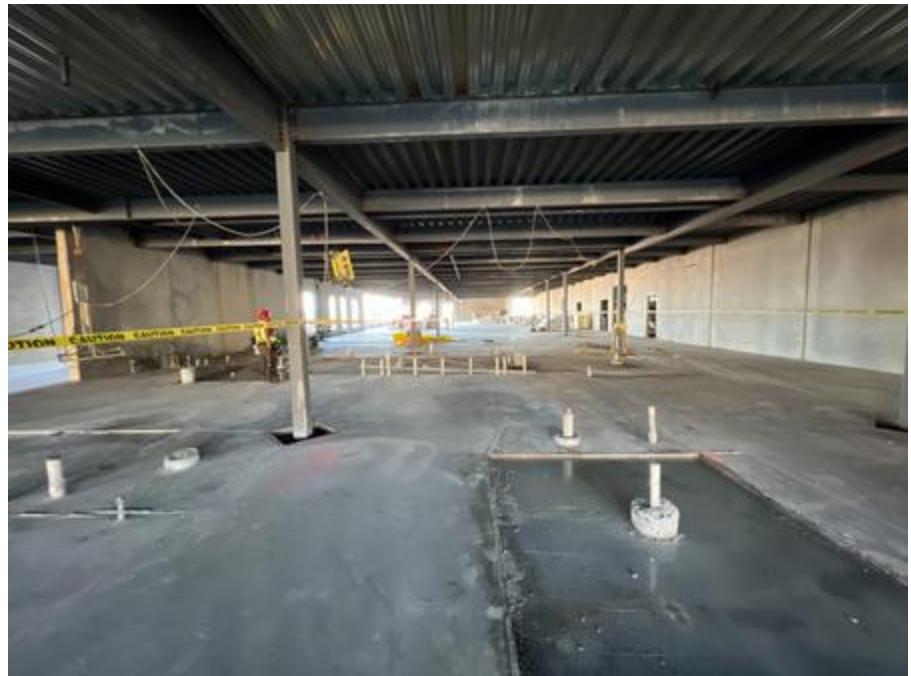




Concrete floor in the pool locker room. Steel stud erection in the administrative area



 Orchestra steps, cement poured in the projector booth



Cement floors in social studies, Steel stud
erection and metal decking
cafeteria/commons





Glass installation in vestibule
and curtain wall (weight room)
in athletics





Framing and electrical rough in academics, seats formed and poured on the observation deck of the pool





Aerial photos of Cyprus High School

Cyprus High School Cost Summary

Phase 1 Mass Grading	PO #170253
Construction Payments to date	\$4,170,965.69 PHASE COMPLETE
Phase 2 Construction	PO #270185
Construction Payments to Date	\$89,838,707.64
Change Orders Requiring Board Authorization	
Owner Request	\$407,741.56
Advancing Work Into Earlier Phase	\$0.00
Unknown Conditions	\$739,219.42
Errors & Omission	\$391,023.87
Staff Level Change Orders	\$229,184.99
Change Order Sub Total	\$1,767,169.84
Phase Advancement Sub Total	
Summary	
Payments to Date - Grand Total	\$94,009,673.33
Change Order - Grand Total	\$2,050,885.53

