

Pre-Construction Monthly Progress Report:

HVAC Upgrades to Chartiers Valley Primary School
CVHS Stadium Renovations
CVHS Interior Renovations

Thomas &
Williamson
Program Management

T&W Project No(s). 21012/22002/22005



CVSD CAPITAL IMPROVEMENT HISTORY



2016-2019

HS and MS
Construction



2020-2021

HS Post-
Construction
Roofing
HVAC
IS Needs Assessment



2021-2022

Primary School
Roofing and HVAC



2022-2024

HS Athletics
Woodville Field
Stadium
Track
Pool
Auditorium Rigging



2024+

Intermediate School
Roofing
HVAC
Interior &
Exterior Renovations



CVSD Capital Renovations | Funding Sources include ESSERS (Covid), Capital, or Bond

- ❏ CV Primary School (ESSERS/COVID allocation & District bond fund)
 - HVAC and Roofing Resurfacing
 - Woodville Field (Baseball)
- ❏ CVHS Post Renovations (Capital Savings)
 - Auditorium Roof
 - Gym & Kitchen Roof
- ❏ CVHS Interior Renovations (Bond funded)
 - Auditorium stage rigging
 - Natatorium/Pool filtration system
 - Gymnasium
 - Athletic lobby
 - Structural
- ❏ CVHS Stadium Renovations (Bond funded)
 - Scoreboard & sound system
 - Astroturf
 - Track
 - Bleachers & Press Box
 - Entrance & Traffic/Safety modifications

Chartiers Valley Primary School Project(s)



CVPS Renovations | PS Roof and Woodville Field



CVPS HVAC Renovations | Project Update

Primary School

(**ESSERS**/Covid Allocation & **District Bond Fund**)

- ❑ Submittals have been reviewed for the building controls package
- ❑ Roughly 50 of the unit ventilators are scheduled for delivery to Pittsburgh at end of February.
 - Units will be stored until the last day of school.

CVPS Renovations | Review & Tentative Timeline of Renovations for completion

Summer 2022 (last year)

Roof Resurfacing

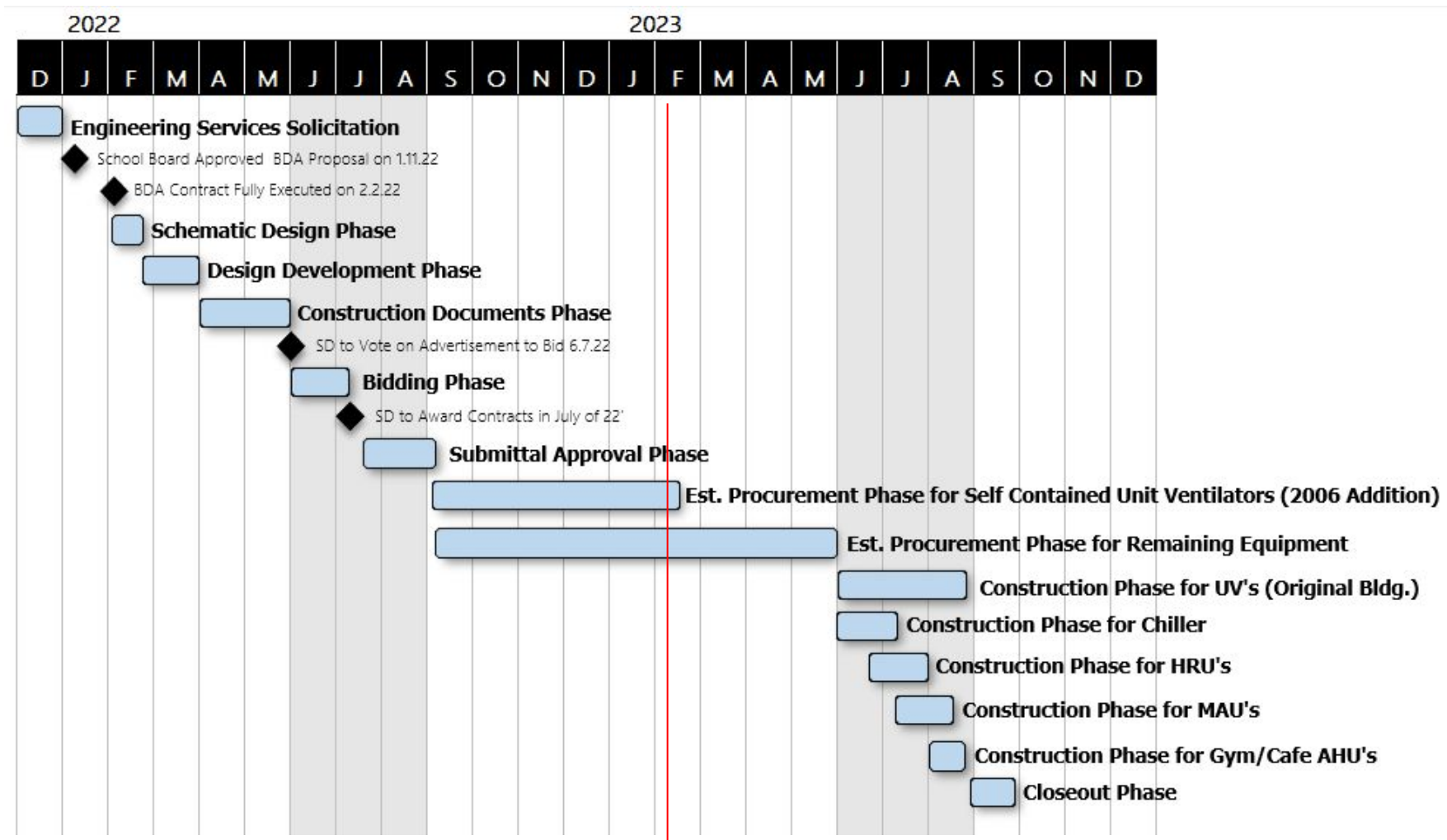
Woodville Field sprinkler system repair and grass/sod

Summer/Fall 2023

HVAC Renovations

Woodville Field landscape maintenance and scoreboard

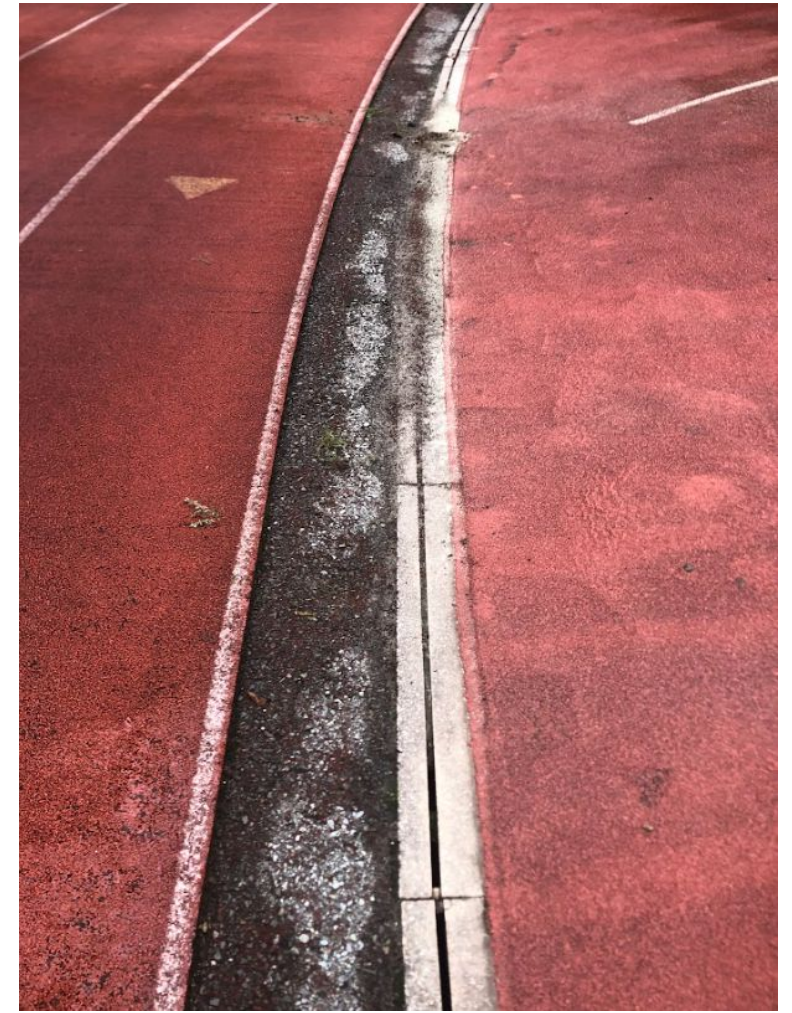
HVAC Upgrades to Primary School | Updated Project Phasing Plan:



CVHS Stadium Renovations



CVHS Stadium Renovations | Rationale for Construction Project:



CVHS Stadium Renovations | School District Concerns:

- Bleacher Inspection by insurance carrier
 - ADA Compliance on home bleachers
 - Broken bleachers
- Score board and sound lack of function
 - Lack of function
 - Electrical/Conduit issues
- Pressbox
 - Visibility, Safety and Functionality
 - ADA Compliance
- Track
 - Deterioration - Wear and tear
 - Uneven track surface
 - Drainage issues
- Turf
 - Drainage concerns
 - Deterioration - Wear and tear
- Traffic Flow
 - Entrance and exit functionality
- Landscaping
 - Overgrowth
 - Roots
- Deteriorating Fencing
- Asphalt Surface
 - Uneven surface
 - Potholes

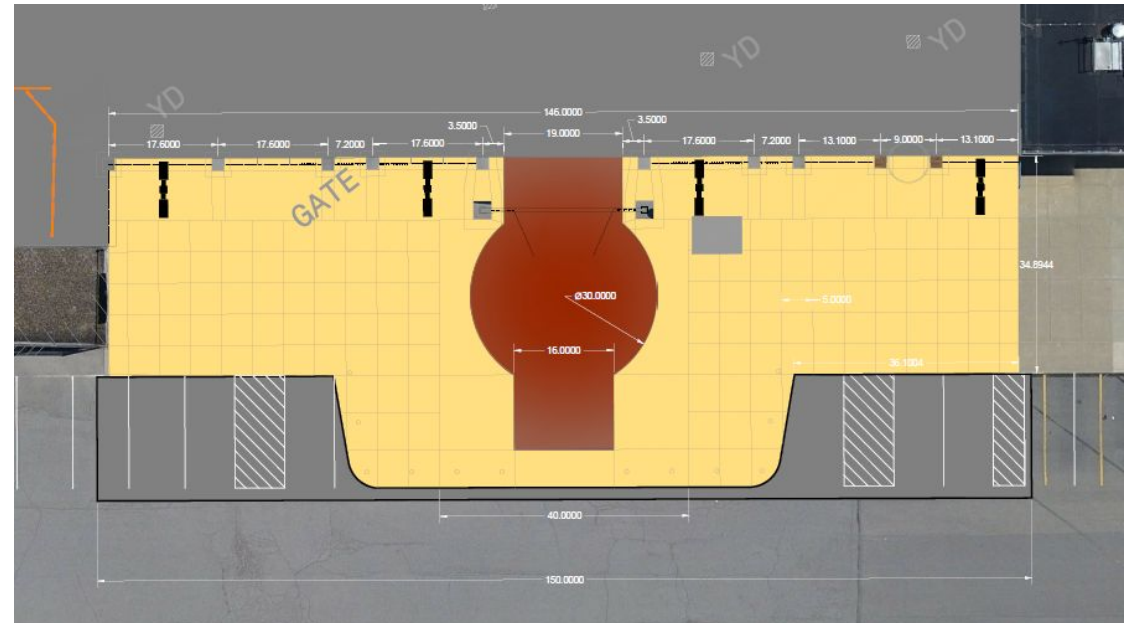
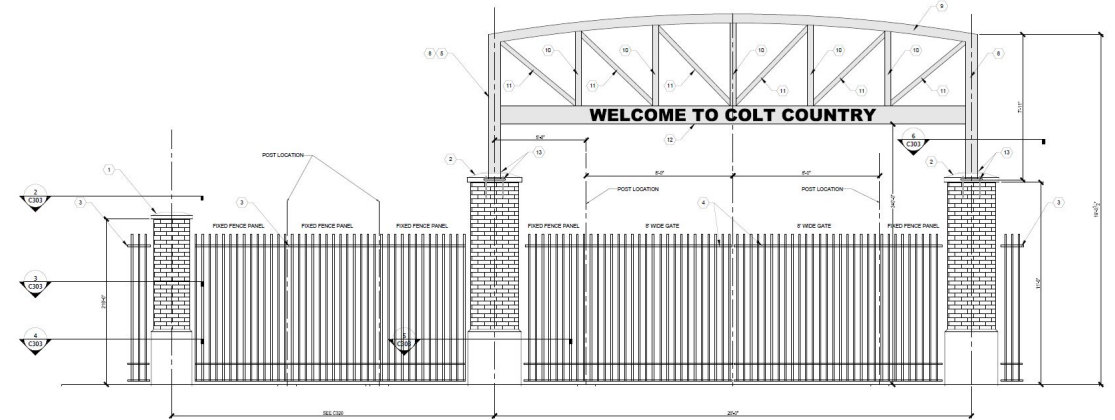
CVHS Stadium Renovations | Tentative Timeline of Renovations

Spring 2023	Stadium Lighting: Track and Field
Summer 2023	Underground drainage and Stadium Turf replacement
	Track curb repair
	Scoreboard and Sound System (conduit/electrical)
Late Fall/Winter 2023/24	Bleacher and Press box replacement
Summer '23 - Summer '24	Stadium Entrance/Stadium Restroom flooring
Summer 2024	Track milling and resurfacing Weather and timing may permit work sooner

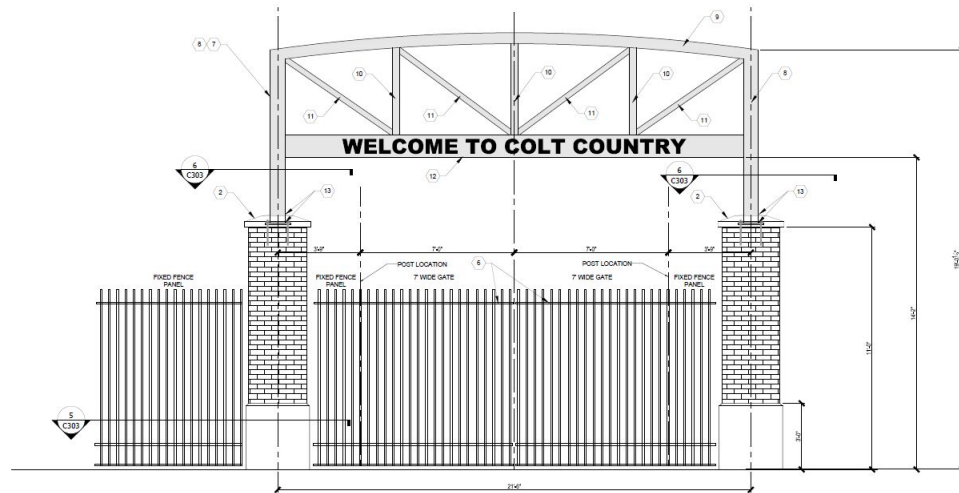
CVHS Stadium Renovations | Turf



CVHS Stadium Renovations | Progress Review:



CVHS Stadium Renovations | Progress Review:



CVHS Renovations | Tentative Timeline of Renovations

Summer 2023

Auditorium Stage Rigging

Summer 2023 - Summer 2024

Gymnasium

The Gymnasium will be restricted for use over the Summer

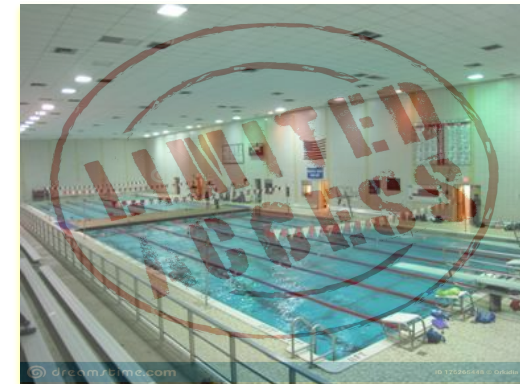
Summer 2023 - Summer 2024

Athletic Lobby

Summer 2024

Natatorium

The Natatorium will be restricted for use over the Summer



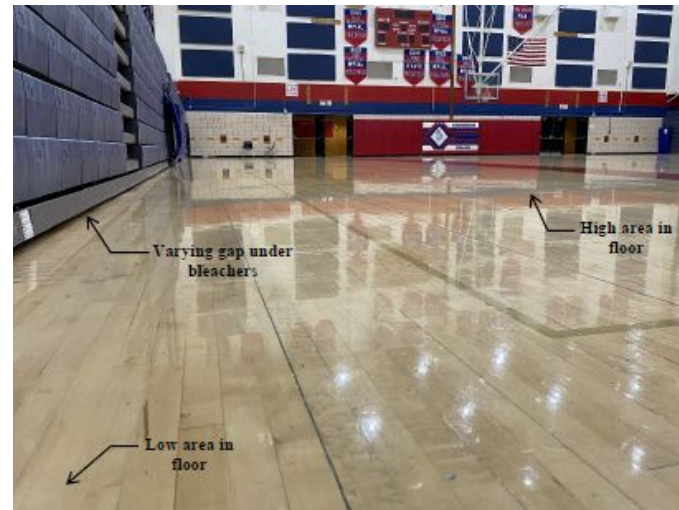
CVHS Interior Renovations



CVHS Interior Renovations | School District Concerns

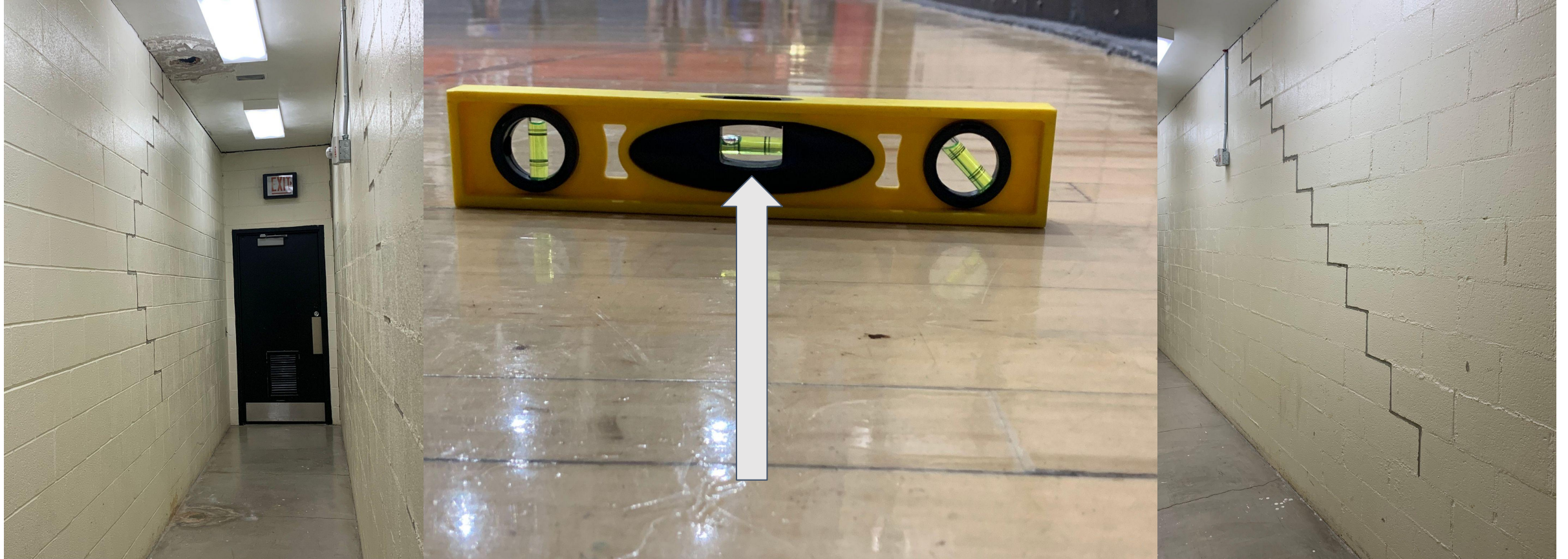
- **Natatorium (Pool)**
 - Structure
 - Steel worn significantly over 60 years
 - Filtration System
 - Air quality for swimmers & spectators
- **Structure**
 - Pyrite expansion under basement locker room is damaging gymnasium floor and walls
- **Bleachers**
 - Main gymnasium functionality
 - Insurance/Inspection concerns
- **Basketball Hoops**
 - Rigging Functionality
- **Storage & Staff Usage**
 - Not addressed in initial renovation
- **Traffic Flow and Safety/Security**
 - Egress and Ingress of Traffic Flow
 - Natatorium (Pool) egress was modified/removed during HS construction and never replaced.
 - 2 exits required
- **Exterior Athletic Doors**
 - Not replaced during prior renovations
- **Auditorium**
 - Rigging needs updated or replaced
 - Inspection by Insurance Carrier
 - Safety concerns

CVHS Interior Renovations | School District Concerns



CVHS Interior Renovations | School District Concerns

- Cracks on basement walls & unlevel gymnasium floor

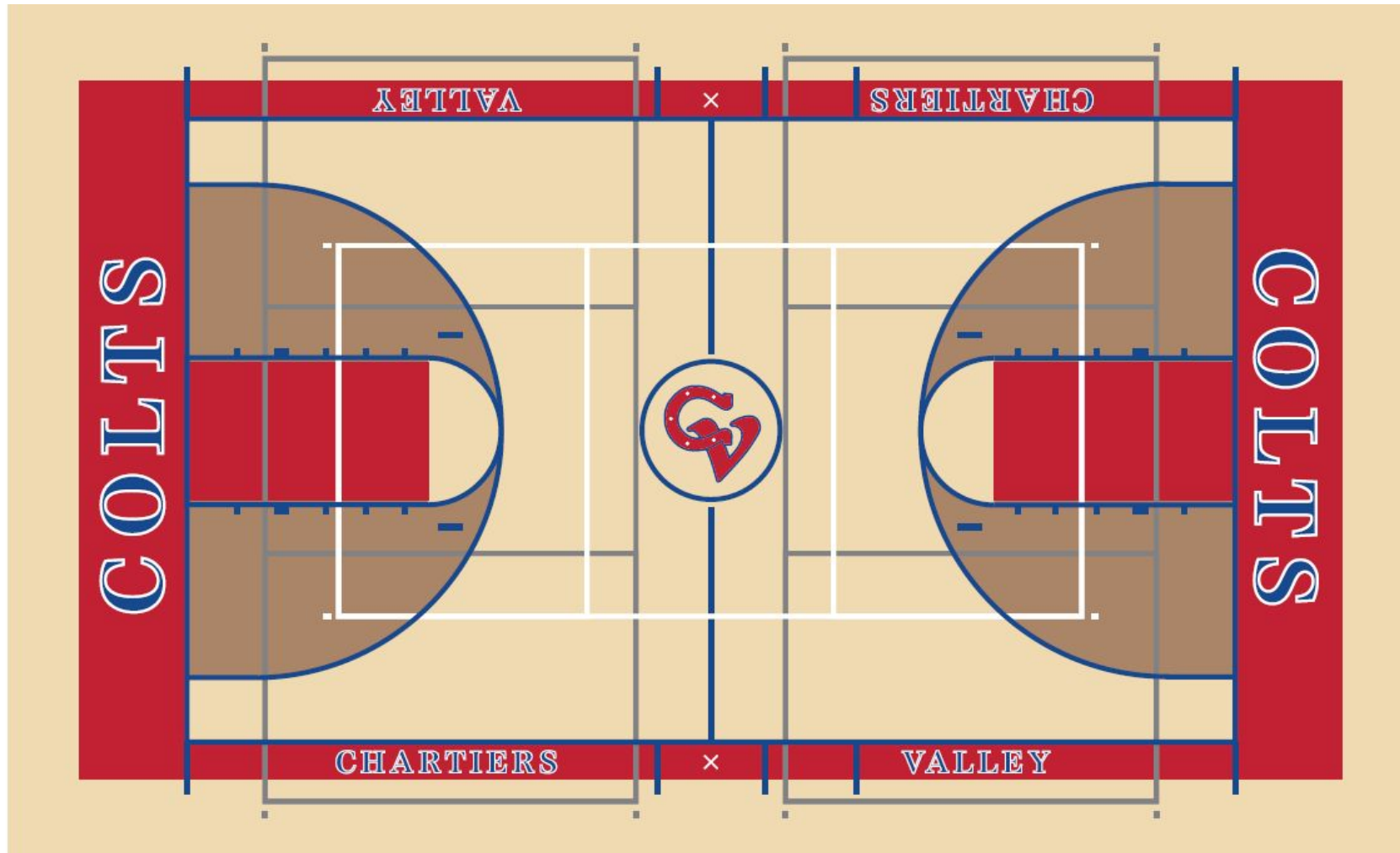


Interior Design Schematics

CVHS Renovations | Progress Review (upper gym offices Alt Bid):



CVHS Renovations | Progress Review:



CVHS Renovations | Progress Review:



CVHS Renovations | Progress Review:



CVHS Renovations | Progress Review: Alternate Bid



CVSD Total Estimate Renovations | Progress Review

Facility	Original Budget	Current Budget Estimates
Primary School <ul style="list-style-type: none"> HVAC Replacement Primary School Roof Replacement Woodville Field (Baseball) Locker rooms (Fixture Upgrades) Scoreboard 	2,531,071 (HVAC Replacement) 969,657 (PS Roof Resurfacing) 50,000 (Woodville Field)	2,955,042(HVAC Replacement) 969,657(PS Roof Resurfacing) 50,000 (Woodville Field)
HS Interior Buildings <ul style="list-style-type: none"> HS Structure Repair Gym Lobby Pool Entrance, Filtration System, regrout inside of pool, minor lockerroom) Gymnasium (floor, offices, & seating) Auditorium 	6,950,383	6,340,407
HS Exterior Hardscape <ul style="list-style-type: none"> Press Box/Sound/Scoreboard Stadium Bleachers Bathrooms Renovations Field Drainage Turf Track Asphalt Entrance(s) Lighting 	6,087,912	5,898,187
Ancillary Items <ul style="list-style-type: none"> Scoreboards (Stadium, Woodville,Gymnasium) Imaging Design, Banners, Trophy Casing Outside signage, etc. Milling/Asphalt of HS parking and drive behind stadium (approx 750,000) 	1,250,000	1,250,000
Total	17,839,023	17,463,293
ESSERS Deduct	(2,000,000)	(2,000,000)
Total Utilized	15,839,023	15,463,293
Any funds remaining will return to the Capital Fund (Future IS Renovation)		