



AN EARLY COLLEGE DISTRICT

BROWNSVILLE

INDEPENDENT SCHOOL DISTRICT



Facility Committee Meeting

April 27, 2023

5:30 p.m.



Dr. Nellie Cantu

Deputy Superintendent, Business and Operations



Today's Agenda



1. On-going Projects Budget Allocations
2. Completed Projects
3. Resaca Technology Center
4. Sams Stadium Renovations
5. Sams Stadium Bleacher/Concrete Sealing & Track Resurfacing
6. Transportation Fuel Station
7. Elementary Mini-Gyms Phase II
8. HVAC Upgrades
9. FNS Refrigerator Project
10. Hanna Parking Lot
11. Paredes Elementary Drainage

12. MS Tracks
13. Intercom Project
14. ECHS Softball Bleachers
15. Vermillion Roof
16. Oliveira Band Hall Re-Roof Project
17. Elementary Canopies
18. LED Project Updates
19. Veterans Memorial ECHS Renovations
20. Veterans Memorial CTE Welding Booth
21. Benavides Elementary Parking Lot
22. Elementary Cafeteria Stages



Budget Allocation

	Description	Total Budget
1	On-Going	\$30,410,280
2	Newly Approved 1/25/2023	\$4,040,794
3	HVAC Upgrades	\$39,000,000
		\$73,451,074

Total # of projects = 150

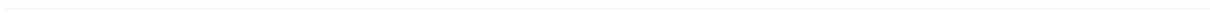


	Project Name	# of Campuses
1	Canales Portable Building Additions	1
2	Canales Elementary Fence	1
3	Elementary Mini-Gyms Phase I	10
4	MS Bleachers	10
5	Sams Stadium Sound System	1
6	Faulk MS Sidewalk Improvements	1
7	Elementary Playgrounds	34
8	Veterans ECHS Driveway	1
9	Rivera ECHS Library Windows	1
10	Central Office Parking Lot	1
11	Besteiro MS 2 nd Floor Alteration	1
12	Rivera ECHS Stairway Rail	1
13	HVAC Upgrades	17

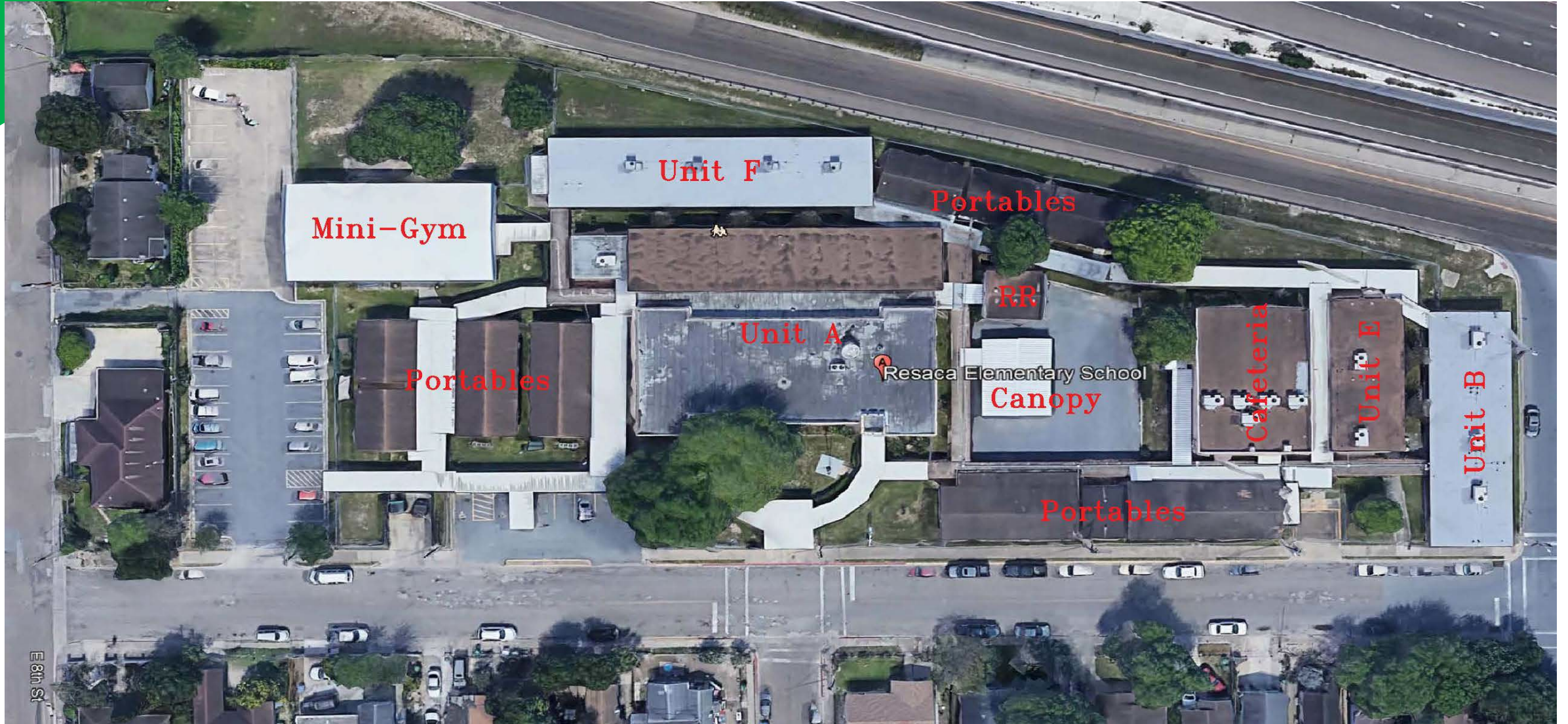
Total number of campuses/depts. impacted: 79



Resaca Technology Center



Resaca Technology Center Overview





- ❑ Budget - \$6,500,00
- ❑ Funding Source: ESSER II & III
- ❑ Board Approved: September 12, 2021

Construction meetings held every two weeks

Buildings “B” PEIMS, “E” Programmers, “F” Technicians, & “D” NOC Building

- HVAC equipment delivered; HVAC installation including metal ducts in-progress
- Electrical conduit, wiring, and equipment installation in progress
- Lighting system – pending delivery of equipment

Main Building (Historical)

- 3 quotes (1 bonded) secured from cooperatives
- Selected Bougambilas Construction
- Finalizing Contract Agreement (pending legal review)
- Once approved, work will begin
- 3 months to complete project



Resaca Technology Center

Other

- Generator delivery – late May or early June 2023
- Other electrical equipment delivery date: mid-May 2023 (panels)
- Underground conduits installation will be completed late this week.
- BPUB transformer pad installation in-progress
- Concrete slab contractor will resume work the week of May 1st.
- Estimated completion – 15 days

Paving

- Competitive Sealed Proposal (CSP)
- Submit recommendation for June board meeting



Resaca Construction Timeline

2021

November 12 Asbestos Survey For Existing Portables Completed By Terracon

December 13 Drawings Completed For Demolition.

2022

January 27 Approval For Glazing For Classrooms.

February 14 Received Proposal From Sigma Engineers To Design A New Network Hot Isle Containment System.

February 22 Awarded Demolition Contract

March 3 BISD Awarded Roof Replacement To American Contracting Inc.

March 31 Received Clearance Permits From City To Begin Demolition

April 5 Provided Meets And Bounds To Proceed With Survey.

April 8 Purchased Doors And Hardware.

April 12 PO Processed To American Contractors For Roofing Replacement

Resaca Construction Timeline

- May 5** Submitted plans to Juan Velez, City of Brownsville Historical Preservation
 - May 5** Revised plans by SIGMA Electrical engineers to reflect upgrades and changes to generator and ATS. Generator ordered and due in June of 2023
 - July 21** Substantial completion for R.L. Abatement
 - August 18** Asbestos report complete for Building "A"
 - August 30** Demolition, and haul of debris
 - September 2** Received building permits for buildings B,D,E, and F
 - September 15** Buy board for HVAC equipment, projected arrival May of 2023
 - September 23** A Technology center pad layouts was sent to Raba Kristner for testing F.F. +35
 - November 29** Final engineering design for site parking and drainage approved.
-

Resaca Construction Timeline

2023

January	BPUB relocated electrical service for campus building service
February	Complete roof of all buildings
February	Complete exterior painting of all buildings on site
February	Begin paving of parking
April	Complete finish out of Building "A", Main Historical building
May	Completion of site paving, new sidewalks and exterior lighting.
May	Installation of roof top units on all buildings (manufacture's specified delivery time)
June	Generator installation (manufacture's specified delivery time)
July	Three phase electrical connection to all buildings
August	Test and Balance of all buildings, final trim work and punch list corrections.
September	Substantial Completion/Certificate of Occupancy



Sams Stadium

Budget: \$4,769,883

Funding Source: Tax Rate Increase

Board Approved: April 5, 2022



- Construction work progress meetings: every week (one week on-site, one week virtual)
- Work progress:
 - Construction progress: overall installation, 45%
 - Home side Restrooms – concrete slab in progress, concrete pour by April 28th (projected)
 - West-side parking lot – estimated substantial completion (May 5, 2023)
 - Concrete sidewalks along Elizabeth and 4th Street – in progress (40% complete)
 - projected completion by May 15th
- Power relocation with BPU – underground wiring and equipment installation in progress, estimated completion May 4, 2023.
- Underground conduits for Security System – completed
- East-side parking lot and drives – angular rock, caliche delivery starting the week of April 24th

Sams Stadium

Concrete Sealing

- ❖ Budget: \$100,000
- ❖ Funding Source: Local Funds
- ❖ Board Approved: February 7, 2023
- ❖ Bougambilias Construction was awarded the project. Contracts in pending legal approval
- ❖ PR will be generated after approval

Track Resurfacing

- ❖ Budget \$1,000,000
- ❖ Funding Source: Local Funds
- ❖ Board approved: February 7, 2023
- ❖ Our stadium consultants, ROFA Architects are contracted to complete a **comprehensive** renovation of track.

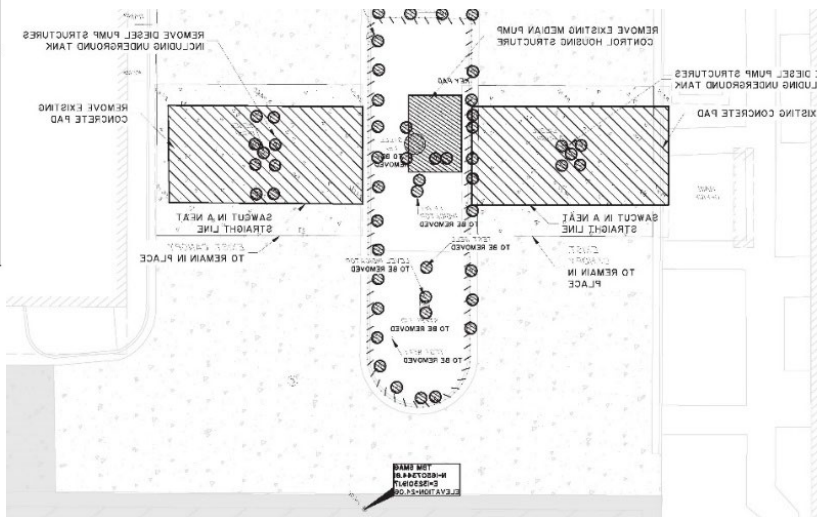
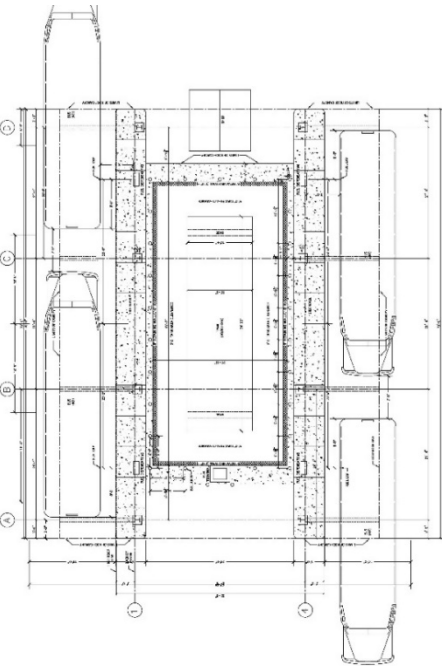
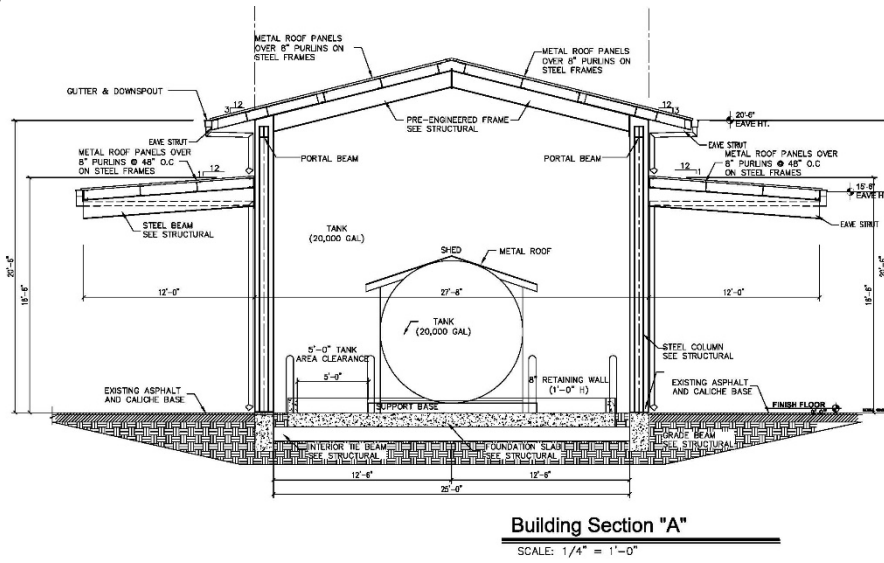


Transportation Fuel Tanks

Budget Allocation: \$400,000

Funding Source: Local Funds

Board Approved: June 1, 2021



- ❑ Construction Documents – 100% Complete
- ❑ Procurement: broken into two parts
- ❑ Request bids from cooperatives: fuel tanks, dispensers, electrical, and other components or equipment required for the fueling system. Submission deadline: May 11, 2023
- ❑ Request proposals for Architectural, Structural, Civil, and MEP Engineering. Submission deadline: May 25, 2023
- ❑ Request approval June 2023 Board Meeting
- ❑ Estimated Construction Timeline: 150 days



Elementary Mini-Gyms Phase II



Budget: \$4,500,000
(9 campuses) = \$500,00 ea.
Funding Source: TRI
Board Approved: October 04, 2022

- ❖ Exterior and interior finishes complete
- ❖ Restrooms complete except for VCT flooring
- ❖ Gym complete except floor finish
- ❖ Delivery of HVAC equipment driving completion schedule.
- ❖ Estimated completion: July 2023



HVAC Upgrades

Budget: \$34 Million (Pending to review)

Funding Source: ESSER III Grants

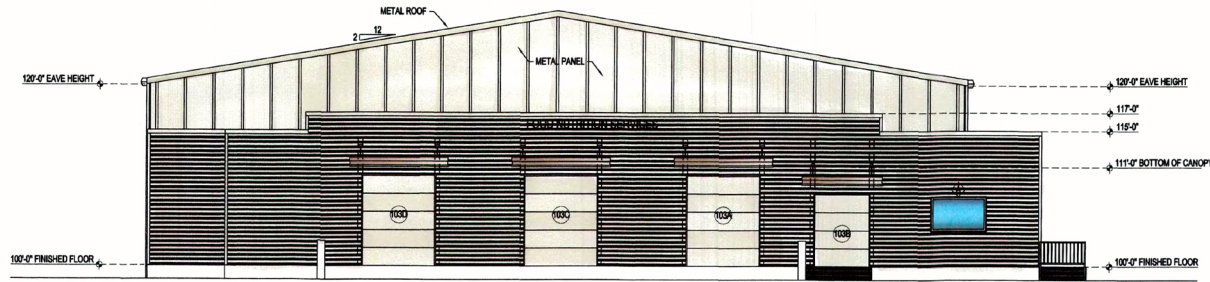
Board Approved: September 7, 2021



Lucio MS HVAC Upgrades

- ❑ Group I (15 Campuses) – *Yturria, Manzano, Gonzalez, El Jardin, Lucio, Morningside, Aiken, Sharp, Martin, Perkins, Vela, Burns, Lincoln Park, Russell, Villa Nueva.*
- ❑ Construction progress meetings – every two weeks
 - All Campuses have received a PO and Notice to Proceed
 - Partial HVAC equipment delivered for El Jardin and Lucio
 - Campuses will receive new HVAC controls and existing HVAC equipment will be integrated
 - All other HVAC equipment will be delivered starting late May (installation from 180 to 215 days)
 - Overall Estimated substantial completion – December 2023

Food and Nutrition Services Refrigerator Project



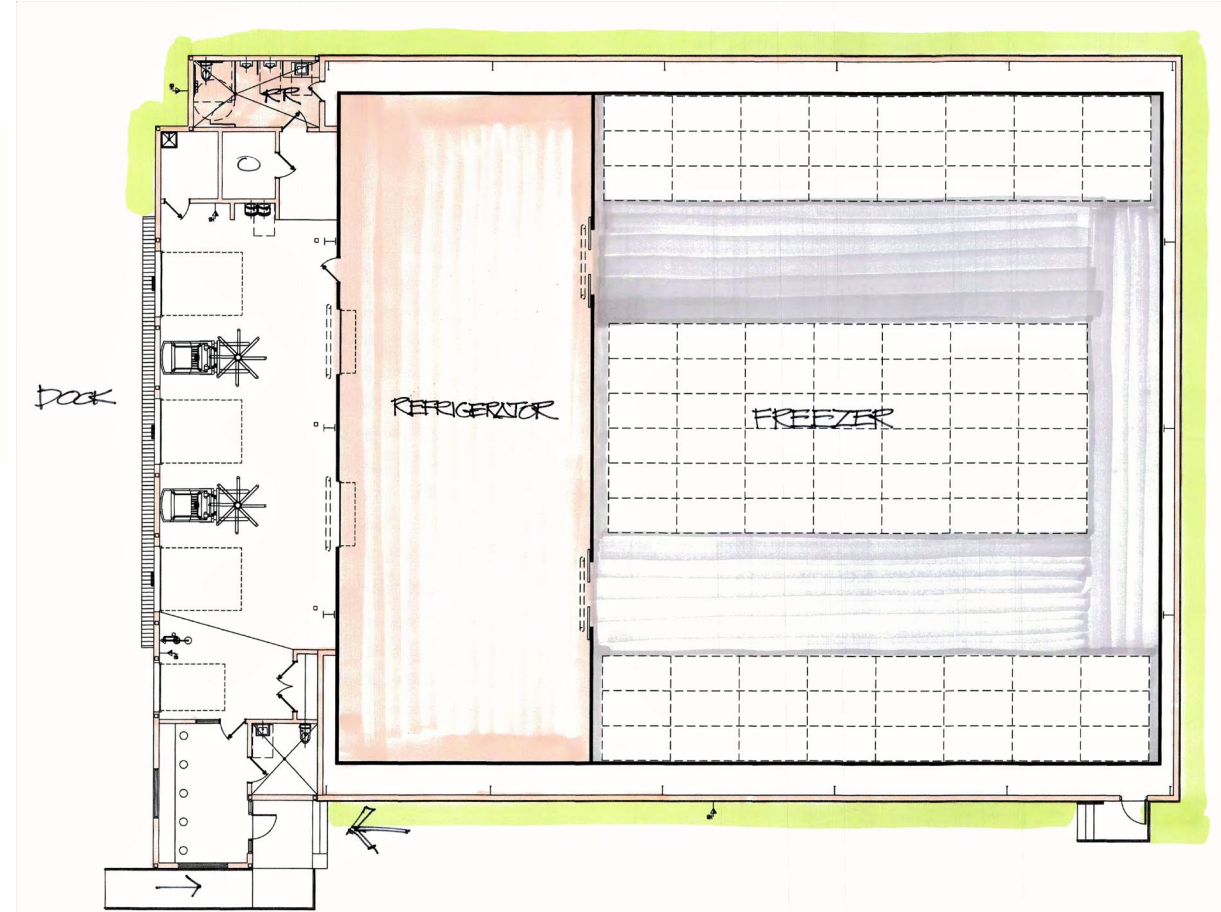
Total approx. estimated project cost:
\$4m (negotiated)
Board Approved: January 12, 2021

Budget Allocations:

ESSER Allocation: \$1.5m

Texas Dept. of Agriculture: \$1m

Musk Foundation: \$1.5m



Project will go for bid in May and presented for approval to the board in June. (Pending review)

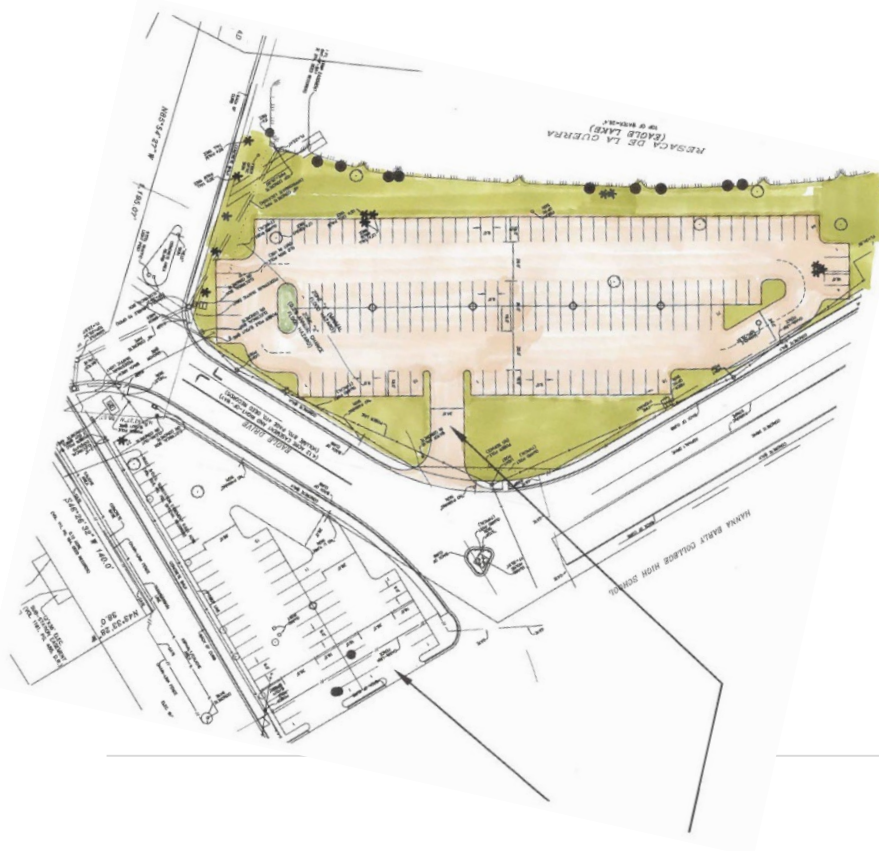
Hanna ECHS

Parking Lot

Budget: \$600,000

Funding Source: TRI

Board Approved: October 5, 2021



- Geotechnical report and surveying received
- Construction documents in progress – 75% review (approved)
- Construction documents ready by May 1, 2023
- Procurement starting April 30, 2023
- Deadline to receive proposals May 16, 2023
- Contractor recommendation – June 13, 2023, Board Meeting

Paredes Elementary

Drainage (Portable Buildings)

- ❑ Budget: \$300,000
- ❑ Funding Source: Local Funds
- ❑ Board Approved: February 7, 2023

- ❖ Topography survey completed by Civil Engineer;
- ❖ Drainage proposal – Civil Engineer – Plagar Engineering LLC engineering services proposal of \$6,200.
- ❖ Work will begin during summer recess.



Middle School Tracks

(Garcia, Stell and Stillman)

Budget: \$4,200,00

Funding Source: Local Funds

Board Approved: October 5, 2021



- Construction progress meetings – every two weeks
- Notice to Proceed and PO in place
- Estimated substantial completion – August 2023
- Construction staking, staging, and demolition completed
- Bleacher equipment relocated
- Stillman and Stell – subgrade level completed, waiting for soil analysis report

Intercom Project

(41 Campuses)

Funding Source: Tax Rate Increase (TRI)

Board Approved: November 16, 2019



Schools that had wiring replaced.

- Elementary Schools- Del Castillo, Garden Park, Burns, Villanueva, Yturria.
- Middle Schools- Oliveira, Stell.
 - ☐ Assessment in progress to upgrade outdoor speakers (horns)

Schools with 100% Substantial Completion

- Elementary Schools- Aiken, Champion Vermillion.
- Middle Schools- Besteiro, Garcia, Lucio, Perkins.
- High Schools- Lincoln Park.

Schools with 95% progress. Partial system hardware and cabling.

- Elementary Schools- Ben Brite, Canales, Castaneda, Gonzalez, Sharp, Southmost, Paredes
- Middle Schools- Faulk

Schools with a 65% to 75% progress.

- Porter, Egly, Gonzalez
- Final walkthroughs and repairs /3 schools per week.

ECHS Softball Bleachers

Hanna, Lopez, Pace and Rivera

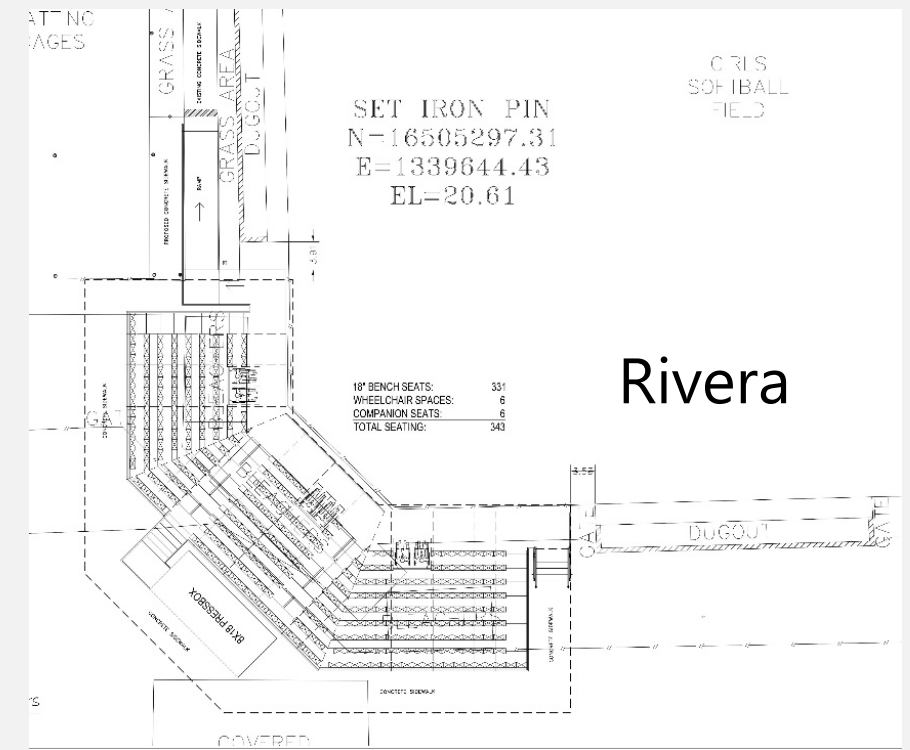
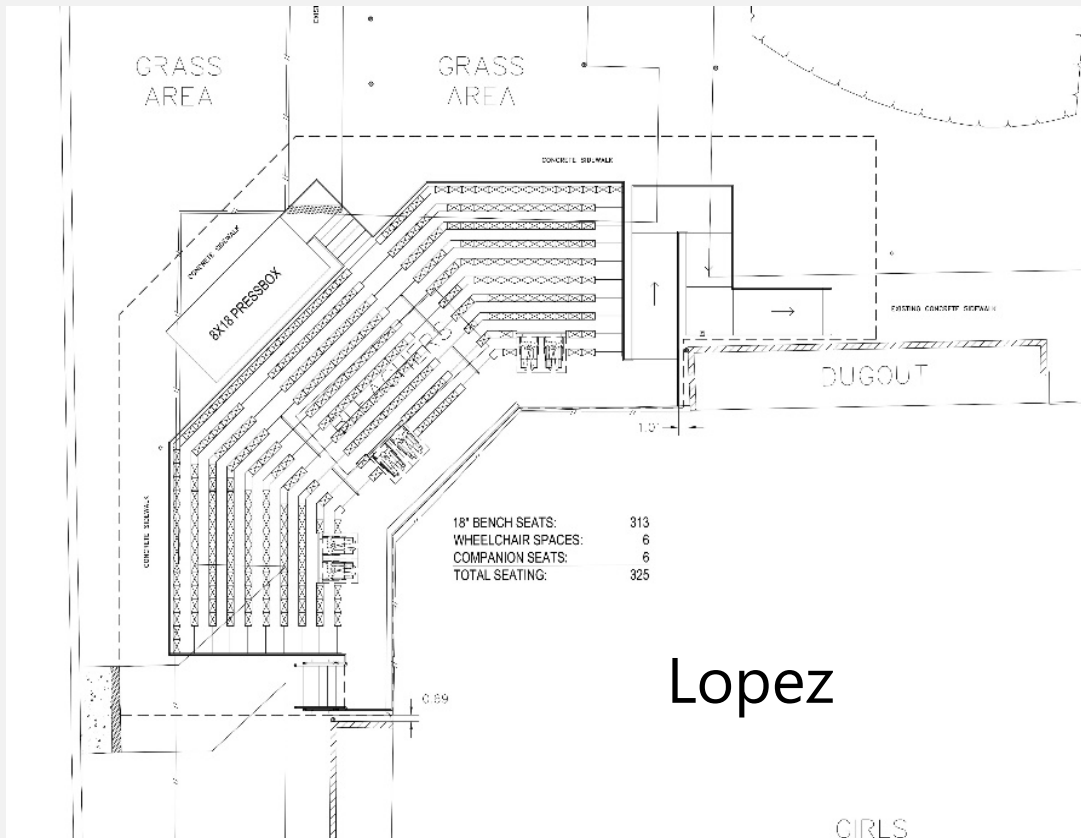
Total Budget: \$1.5m

Funding Source: Local Funds

Board Approved: October 5, 2021

- *Hanna, Rivera, Lopez, Pace, and Porter High Schools*

- Request for bids from cooperatives
- Engineering for bleacher slabs, electrical, ADA compliance, etc. in the construction document process
- Estimated Substantial Completion: December 2023



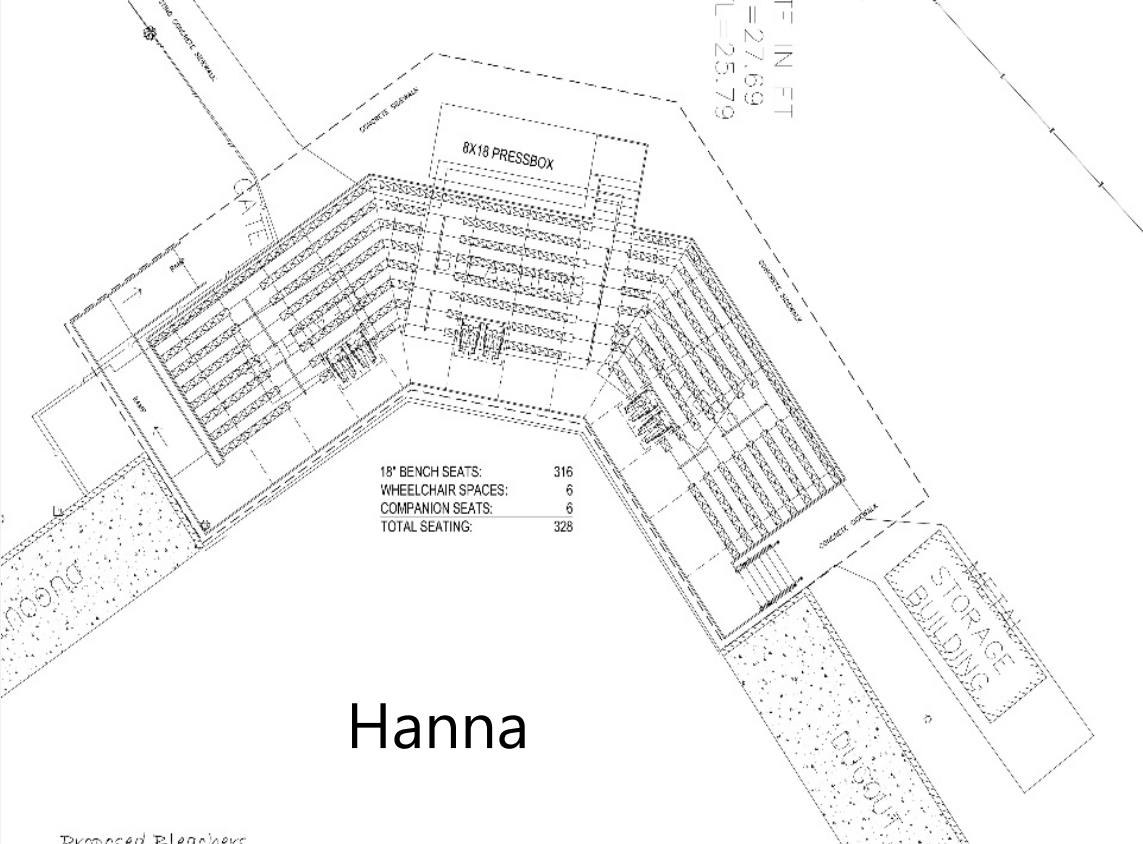
ECHS Softball Bleachers

Hanna, Lopez, Pace and Rivera

Total Budget: \$1.5m

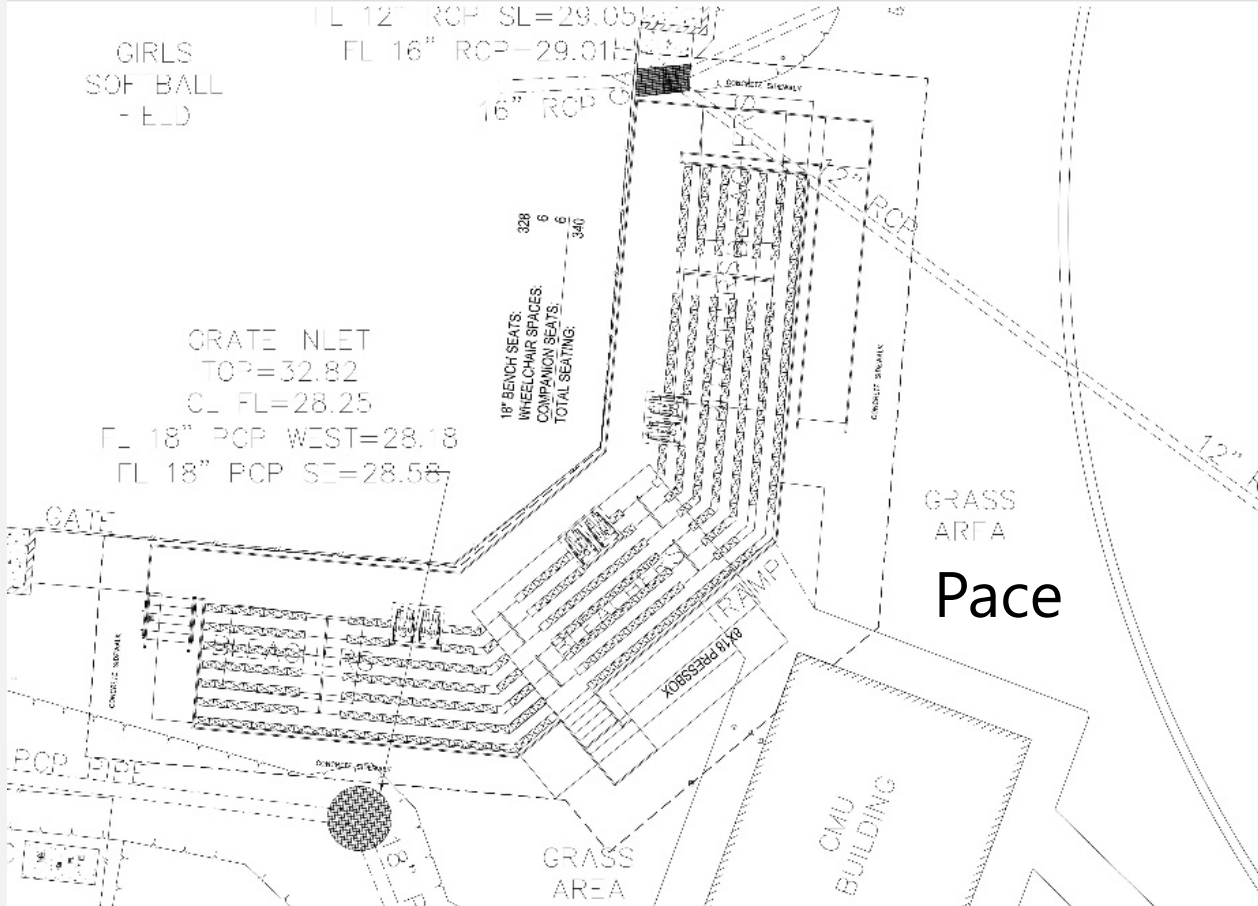
Funding Source: Local Funds

Board Approved: October 5, 2021



Hanna

Proposed Bleachers



Pace

Vermillion Elementary

Roof

- ❑ Construction progress meetings – every two weeks
- ❑ Roof demolition at 30% of the roof
- ❑ Contractor performed a pull test on existing lightweight concrete. TDI Engineer to provide recommendations early this week.
- ❑ Estimated substantial completion – 120 days

Budget:

Insurance Reimbursement

Board approval not required – 3 quotes secured from existing contractors



Oliveira MS

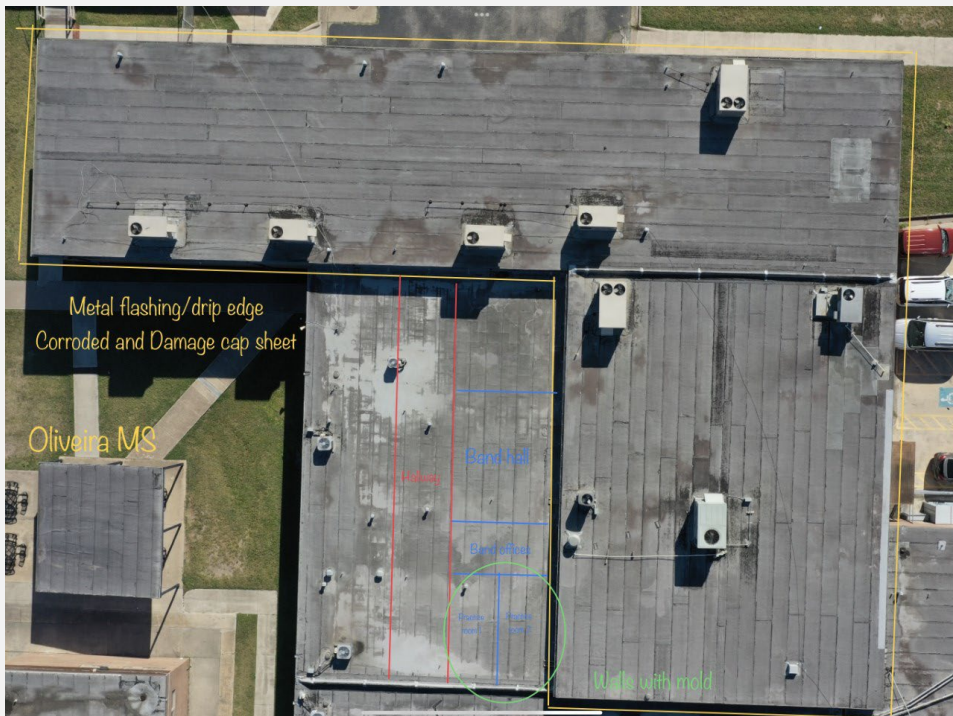
Band Hall Re-Roofing Project

Budget \$100,000

Funding Source: Local Funds

Board Approved: February 7, 2023

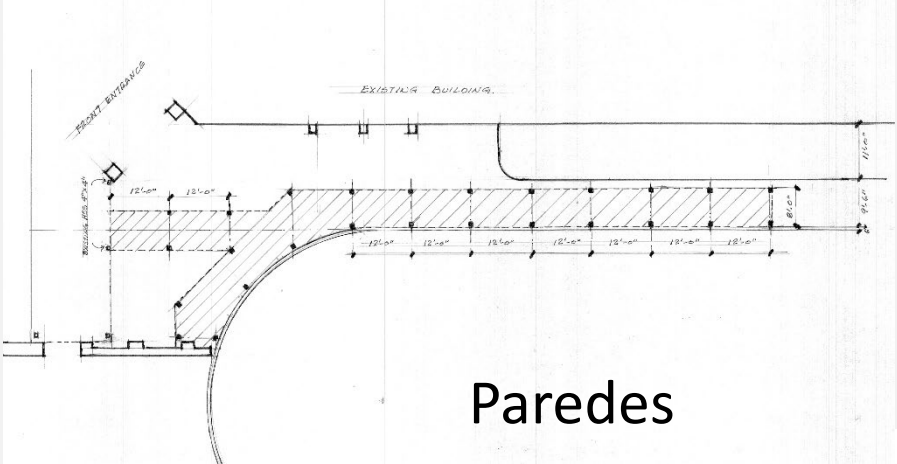
- ❖ Raba Kistner Roof Consultants
- ❖ Water was seeping through building walls and depositing dampness through the concrete masonry units (CMU) cavity, therefore staining the interior walls of band hall room and adjacent areas. Maintenance initiated a temporary fix until we solicit roofing contractor.
- ❖ Roofing consultant has been contacted to provide necessary measures to remediate.



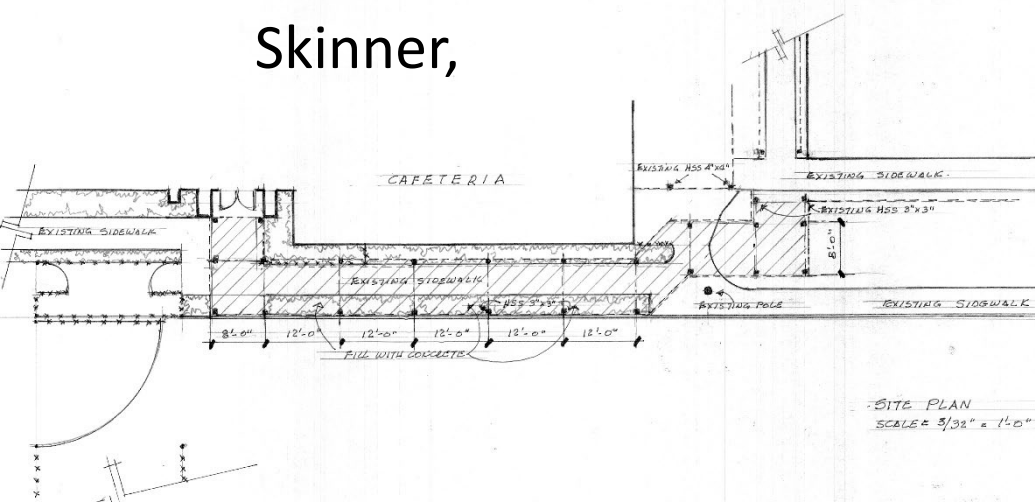
Canopies

Benavides, Ortiz, Paredes and Skinner

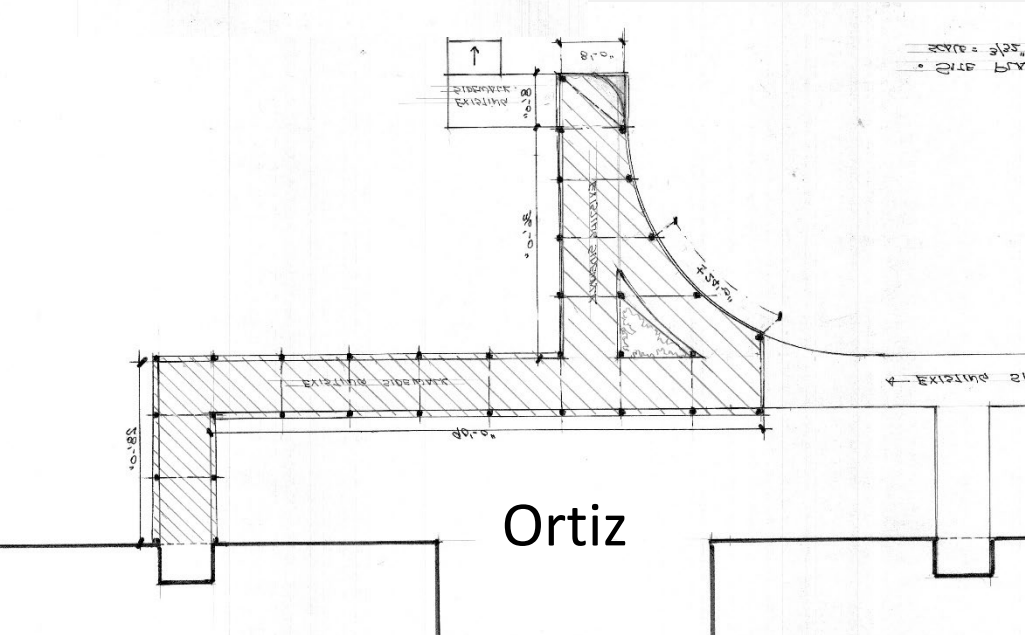
Budget: \$200,000 / 4 schools
Funding Source: Local Funds
Co Op procurement method
Board Approved: February 7, 2023



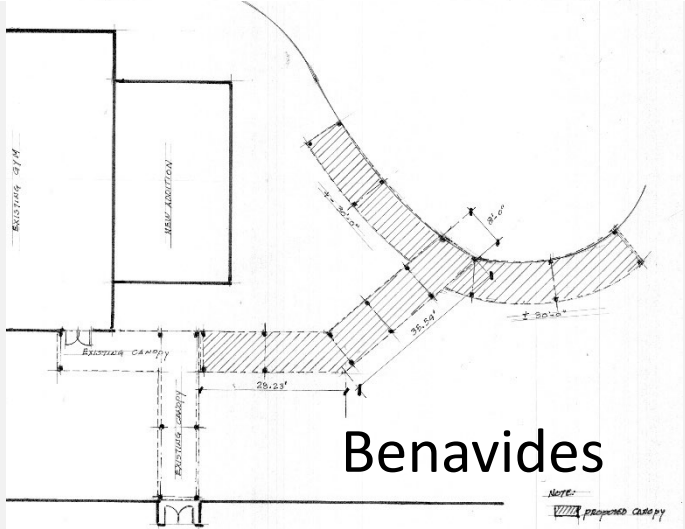
Paredes



Skinner,



Ortiz



Benavides

LED Lighting Project

Burns, Egly and Perez Elementary

Budget: \$1,884,000

Funding Source: Tax Rate Increase (TRI)

Total Budget Updated: \$3.2m (April 3, 2023)

Board Approved: May 04, 2021



- ❖ The contractor has 430 days to complete the three projects.
- ❖ Replaced existing campus wide lighting luminaires with latest **energy efficient technology Light Emitting Diode (LED)** lighting systems.
- ❖ Main panels and wiring is complete
- ❖ Control switches pending in order to complete project
- ❖ Surveying Elementary schools to identify lighting needs.
- ❖ Goal to upgrade 2 more schools)



Veterans Memorial ECHS

Press Box and Ticket Booth

Total Budget: \$1,191,000

Press Box and Ticket Booth: \$400,000

Board Approved: February 7, 2023

Funding Source: Local Funds



Visitors Press Box



Ticket Booth

Veterans Memorial ECHS

Scoreboard, Sound System, Rebranding



Total Budget: \$1,191,000

Funding Source: Local Funds

Scoreboard: \$586,000

Sound System: \$155,000

Rebranding: \$80,000

Board Approved: February 7, 2023

Plan is to take all 3 projects to the June board meeting

1. Scoreboard – revising specs., secure 3 quotes
2. *Soundsystem – secured 2 quotes, waiting on 1 more quote
3. Rebranding – only 1 company completes this work

* *Soundsystem requires in-person evaluation. Working to get this completed to submit for board approval in June.*

Veterans ECHS

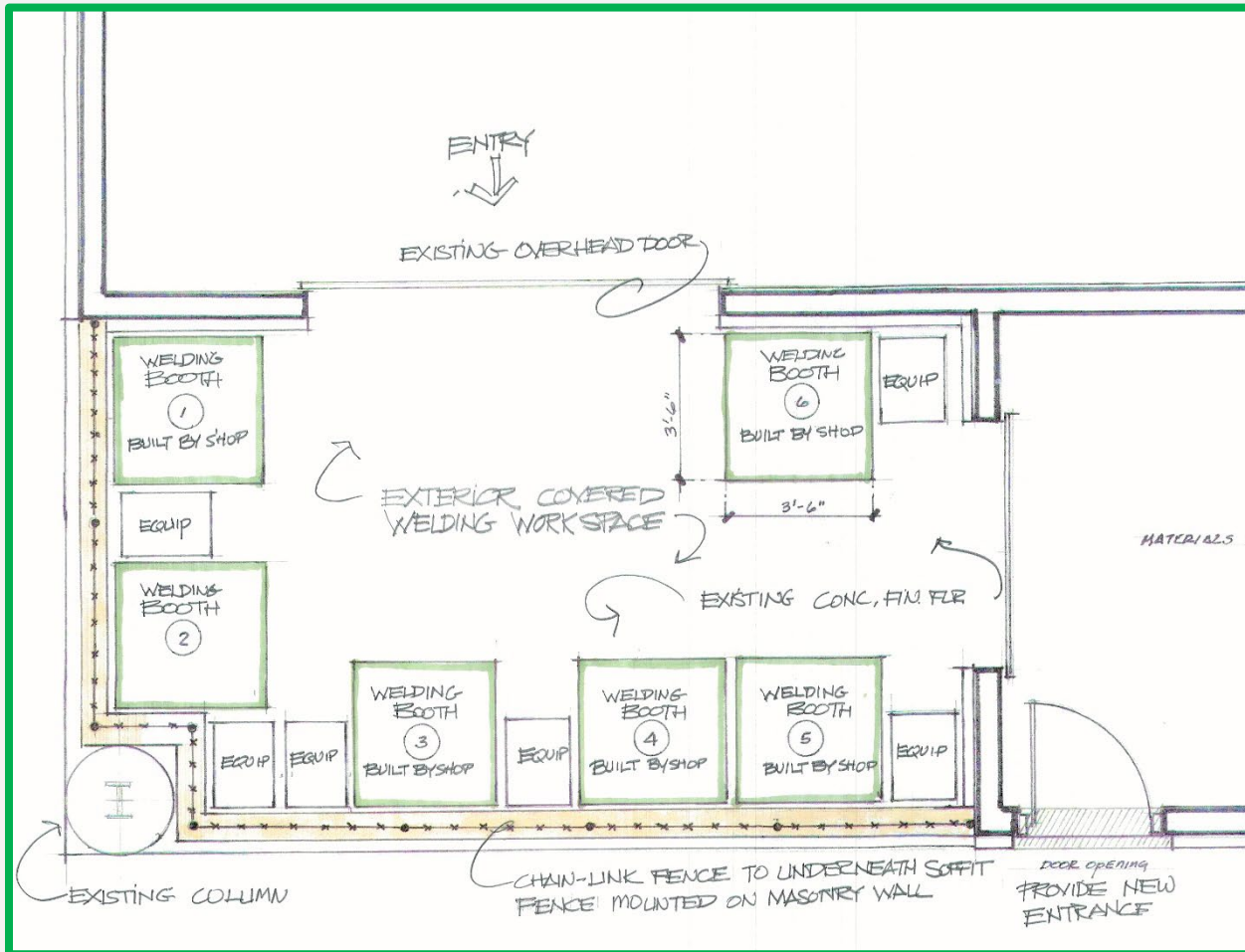
Welding Booth



Budget: \$40,000

Funding Source: Career & Technical Ed.

- ❖ Six welding machines granted to CTE and are ready for set-up.
- ❖ The plan: extend existing shop for the installation of six welding stations. This will be accomplished by converting an outdoor covered area to accommodate new welding stations .
- ❖ Schematics were provided by Facility staff and SIGMA Engineering provide electrical design.



Benavides Elementary

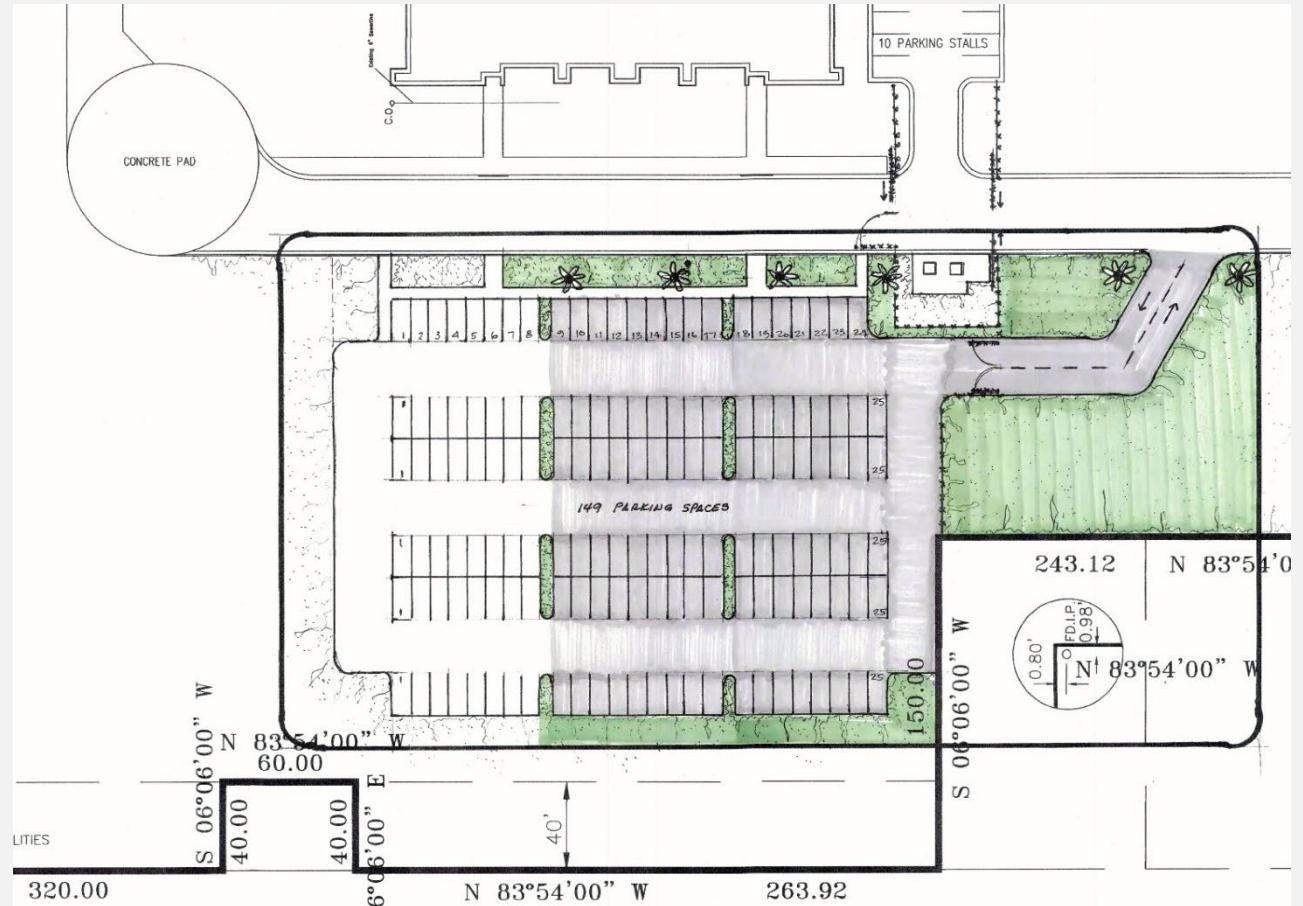
Parking Lot Expansion

Budget: \$200,000

Funding Source: Local Funds

Board Approved: February 7, 2023

- Interview to develop scope of work for Engineering Services – April 24, 2023
- Initial field assessment – in-progress
- Procurement timeline: request for competitive sealed proposals deadline: July 2023
- Presented to the August 2023 Board Meeting
- Estimated Construction Timeline: 120 days



Elementary Cafeteria Stages

Reconfigure stage to make it ADA accessible



- Need ramp(s) to allow students in a wheelchair to access stage.
- Code Compliance Requirements
- Will secure an estimate for 34 elementary campuses.

Intercom Project

Students in playground/fields

Current contract **includes** the following:

- Digital Intercom system
- Existing analog speakers

Contract does NOT include the following:

- Exterior speakers for students outside in playground, track and field events, etc.

Next Steps: Evaluate the number of devices needed, ensure compatibility and secure cost estimate.



Questions & Answers



Team Members

- Manuel Hinojosa, FAIA
- Fernando Villarreal, Project Manager
- Martin Espinosa, Project Manager
- Genaro Martinez, Director
- Ramiro Pena, Maintenance Dept. Supervisor
- Gilbert Leal, Athletic Director
- Rosie Pena, Purchasing Director
- Mary Garza, Finance Director
- Roxanne Eckstein, Admin. Assistant



Thank You

