

Public Safety Program Update



Goal 2: Set the Standard for a Safe and Secure City
2.3 Increase public safety operational efficiency

January 19, 2022





“It is the mission of the **El Paso Police Department** to provide services with integrity and dedication, to preserve life, to enforce the law, and to work in partnership with the community to enhance the quality of life in the City of El Paso.”

“The mission of the **El Paso Fire Department** is to provide emergency response, prevention, preparedness and education to residents, businesses and visitors of our city so they can live safely and prosper in a hazard-resilient community.”

Presentation Outline

- ❖ Bond Funding Overview
- ❖ Program Status

Program Elements

In November 2019, voters approved the issuance of \$413,122,650 General Obligation Bonds for public safety facilities including police and fire department motor vehicles and equipment

Public Safety Bond Program



- **New public safety facilities put police and fire resources in growing areas**
- **Perform major maintenance and renovation of aging facilities**
- **Improve working conditions for city employees**
- **Joint FD/PD academy to accommodate future classes and improve training efficiencies**

Bond Funding Police Department



PROJECT	\$ in Millions*
Eastside Command Center (Municipal Complex)	\$ 38.6M*
Public Safety Training Academy	\$ 19.9 M*
Police Headquarters	\$ 90.6 M*
Central Regional Command	\$ 24.6 M*
Renovate 4 Regional Command Centers	\$ 44.8 M*
Fleet Replacement	\$ 3.3 M*
PROPOSED USE OF BOND FUNDS	\$221.9 M*



2021	2022	2023	2024	2025	2026	2027
Property	Property	Fleet	ESRCC	Academy	MVRCC	WSRCC
			CRCC	NERCC		
			HQ			
			Fleet			

Project	Total Value*	2020	2021	2022	2023	2024	2025	2026	2027
ESRCC	\$38,600,000	\$82,988	\$2,035,318	\$15,748,800	\$15,748,800	\$3,440,093			
Academy	\$19,900,000		\$4,874	\$2,772,948	\$5,886,333	\$8,477,733	\$1,962,111		
HQ	\$90,600,000			\$1,416,667	\$16,775,000	\$37,871,334	\$30,813,000		
NERCC	\$11,850,000				\$1,333,125	\$3,643,875	\$6,399,000		
PHRC	\$11,350,000					\$817,200	\$3,904,400	\$6,174,400	
MHRCC	\$11,850,000						\$1,333,125	\$3,643,875	\$6,399,000
WSRCC	\$9,850,000						\$709,200	4373400	\$4,373,400
CRCC	\$24,600,000			\$2,789,500	\$895,000	\$13,287,667	\$6,643,833		
Fleet	\$3,300,000			\$1,000,000	\$2,000,000				
Total	\$221,900,000	\$82,988	\$2,040,193	\$23,727,915	\$42,638,258	\$67,537,902	\$51,764,669	\$14,191,675	\$10,772,400

*Includes bond issuance and public art

**Annual values do not include bond cost or art

Bond Funding Fire Department



PROJECT	\$ in Millions*
Station 36	\$ 11.3 M*
Station 38 (Municipal Complex)	\$ 11.8 M*
Special Teams Station (Consolidation)	\$ 17.1 M*
Station 40	\$ 15.5 M*
Public Safety Training Facility and Logistics	\$ 29.6 M*
Fire Headquarters	\$ 29.6 M*
Station Renovations	\$ 74.4 M*
Vehicle Replacement	\$ 1.8 M*
PROPOSED USE OF BOND FUNDS	\$ 191.2 M*

**Includes bond cost and public art allocations*



	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Building Assessments		Renovations	Renovations	Renovations	Renovations	Renovations	Renovations	Renovations	Renovations	FS 40
			Equipment	Equipment	FS 38	Academy	Renovations	Renovations	Renovations	Renovations
				F36		HQ				
						Maint & Log				
						Special Units				

Project	Total Value*	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
FS 36 (new)	\$11,300,000	\$157,321	\$607,651	\$6,722,019	\$3,361,009						
FS 38 (new)	\$11,800,000			\$1,132,800	\$3,776,000	\$6,419,200					
Spec. Units	\$17,100,000			\$1,641,600	\$5,471,200	\$6,201,600	\$3,100,800				
Academy & Ld	\$29,650,000			\$3,378,946	\$5,818,275	\$12,614,506	\$6,307,252				
FS 40 (new)	\$15,500,000								\$1,116,000	\$5,332,000	\$9,052,000
HQ	\$29,650,000			\$3,378,946	\$5,818,275	\$12,614,506	\$6,307,252				
Renovations	\$74,400,000	\$381,762	\$891,441	\$10,446,685	\$10,446,685	\$10,446,685	\$10,446,685	\$10,446,685	\$10,446,685	\$10,446,685	
Equipment	\$1,800,000		\$1,618,647	\$181,353							
Total	\$191,200,000	\$539,083	\$3,117,739	\$26,882,349	\$34,691,444	\$48,296,497	\$26,161,989	\$10,446,685	\$11,562,685	\$15,778,685	\$9,052,000
<i>*Includes bond issuance and public art</i>											
<i>**Annual values exclude bond cost and public art</i>											



Police Program

Progress to Date

Project	Status
Eastside Regional Command Center	Design completed, Council approved Guaranteed Maximum Price (GMP) contract amendment with the Construction Manager at Risk (CMAR) contractor. Construction to begin in the winter 2022 and be completed in the winter of 2024
Central Regional Command Center	Property acquisition on-going and architect contract awarded. Design to be initiated following property acquisition likely spring 2022. Anticipate construction to be completed spring 2024.
Police Headquarters	To be located at the Cohen Site - Project being completed using design-build (D/B) delivery strategy; negotiating with owners representative for project; D/B to be on-board by Winter 2022
Police Academy	Property acquisition completed; project being completed using D/B delivery strategy; owners representative has met with PD to define project requirements so that bridging documents can be developed and DB contract awarded (expect winter 2022)
CC Renovations (4)	To be initiated following completion of Eastside Regional Command

Eastside Regional Command Center

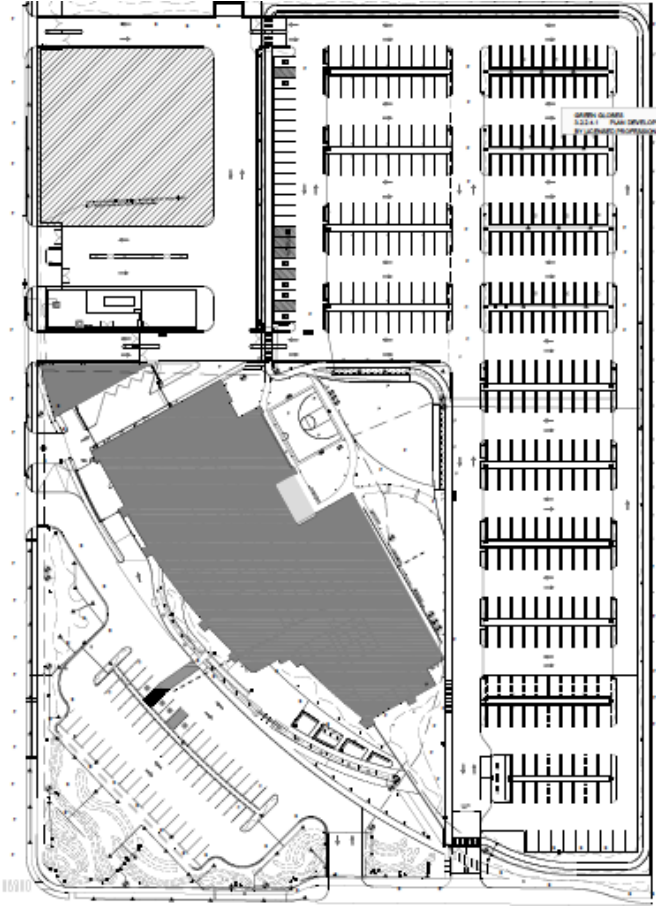


- **Approximate 10 acre, city-owned parcel located at Pebble Hills Blvd. and Tim Foster St. near Pebble Hills High School. A new Fire Station FS 38 will be located on the same parcel**
- **Facility approximately 41,000 sq.ft.**
- **Amenities include gymnasium, outdoor running track, fueling station, light vehicle maintenance facility, secure fleet and personal vehicle parking, suspect, processing, interrogation and detention, reporting area, administrative offices, security, communication and IT systems, and public art memorializing fallen officers.**

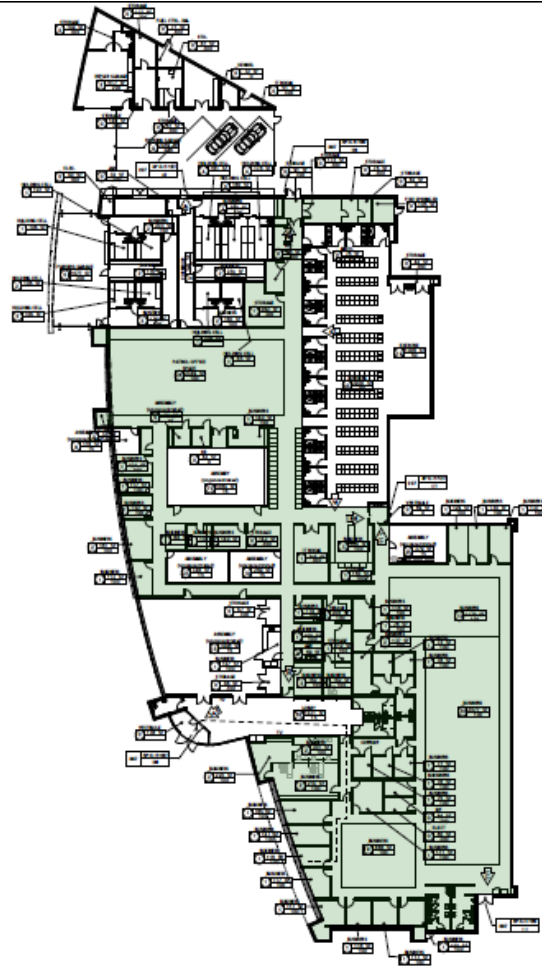
Eastside Regional Command Center



Eastside Regional Command Center



Site Plan



Floor Plan

Sustainable Design

- Meets Green Globe (2) requirements
- Green Globes is a practical approach to Green Building. Two Globes indicates significant achievement in resource efficiency, reducing environmental impacts, and improving occupant wellness
- On line assessment protocol, rating system and guidance for green building design

Eastside Regional Command Center



Green Globe Rating System

Element	Category	Max. Points
1	Project Management	100
2	Site	150
3	Energy	260
4	Water Efficiency	190
5	Materials	150
6	Indoor Environment	150
Total		1000

Eastside Regional Command Center



FACILITY VISION

REFLECT VALUES

DECIDE A TONE

+ DESIGN A COMPLEMENTING
STREET PRESENCE

BUILD COMMUNITY BETTER

SERVE COMMUNITY

Sustainable Design Elements

- Planned solar canopy over a portion of secured parking area via a Power Purchasing Agreement (PPA)
- Low flow bathroom/locker room fixtures
- Natural lighting throughout building
- Low VOC building materials
- On site storm water management
- Indoor/outdoor recreation amenities
- Xeriscape, native plantings, and drip irrigation
- Energy efficient HVAC/Appliances
- LED Lighting
- Energy efficient building envelope and reflective roofing system
- Energy recovery, centralized energy management system, and air purification system

Joint Public Safety Academy

Location	Martin Luther King Jr. and Officer Andrew Barcena Dr.	
District(s)	District 4	
Total Budget	Police Academy Fire Academy + Logistics Center Fire Department Headquarters TOTAL	\$19.9 million \$29.6 million \$29.6 million \$79.1 million
Funding Source	2019 Public Safety Bond	
Delivery Strategy	Design – Build	

Joint Public Safety Academy

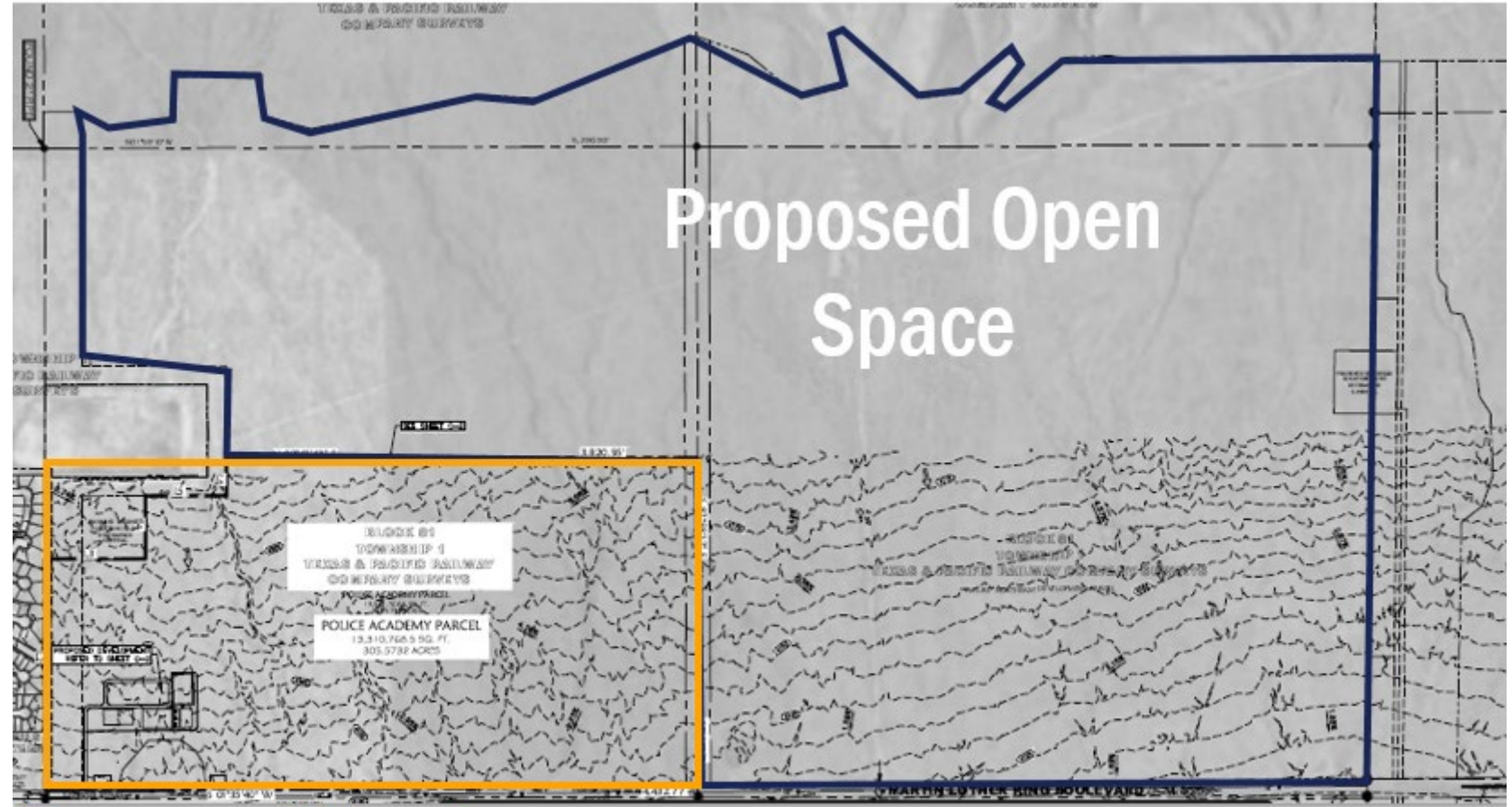
15



- Identified and evaluated a number of properties
- Selected property offers opportunity to **conserve open space** while ensuring trail amenities are not impacted
- **Accessible** from major transportation thoroughfares
- **Available** utility and storm water **infrastructure** reduce construction costs
- Land held in EP Water inventory- memorandum of understanding with EP Water allows transfer for City use at **25% of the appraised value**

Joint Public Safety Academy

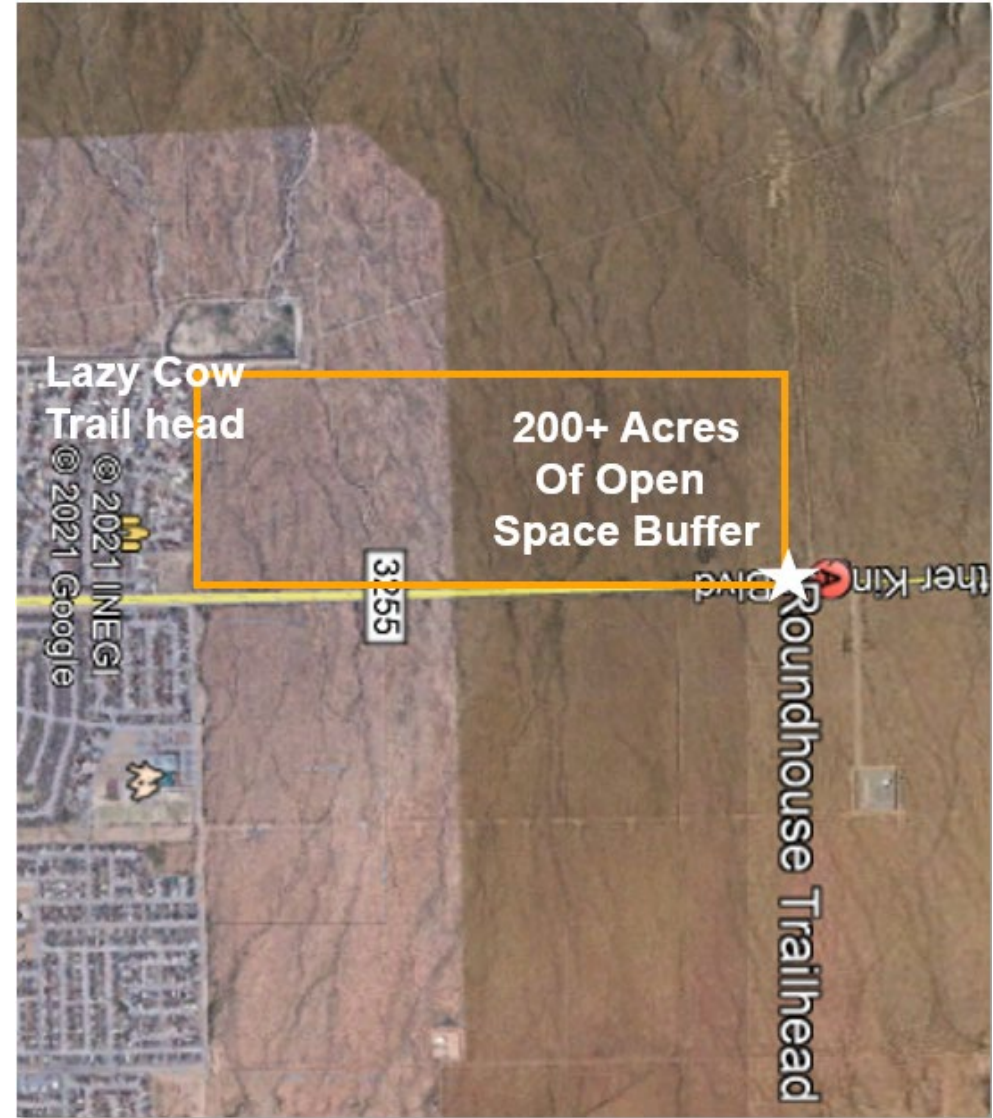
- Academy to be **surrounded by dedicated open space**
- Parking area can be used by trail users during non-business hours
- Location offers some security presence near the trailheads and open space
- QoL and Public Safety Bond funding used to maximize open space purchase and potentially improve road to Round House



Proposed Academy

Joint Public Safety Academy - Trailhead Proximity

17



Joint Public Safety Academy

18

Contextualized Architecture

- Materials that reflect and blend in with the Franklin Mountains
- Forms that are sensitive to the site conditions
- Building composition that respects views, access to trails, existing desert flora, and arroyos
- Design that capitalizes on orientation and passive sustainable design along with LEED/green globes requirements



Joint Public Safety Academy

Materials & Forms

- Materials that reflect and blend in with the Franklin Mountains
 - ✓ Stone, masonry and construction methods that incorporate natural materials
 - ✓ Complementary materials of desert colors
- Forms that are sensitive to the site conditions
 - ✓ Lower level massing and open facades to frame views



Joint Public Safety Academy

Building Composition and Site Layout

- Building composition that frames and allows for unobtrusive to views
- Design respects and works with existing grades
- Biophilic design elements incorporating desert landscaping into the architecture and site



Joint Public Safety Academy - Amenities

- Fire training Props
- Indoor shooting range
- Class rooms
- Fitness gym
- A simulation room
- Police tactical training facility
- Mock courtroom
- Emergency vehicle training area
- Academy co-located with Fire Department HQ and Fire Vehicle Maintenance and Logistics Ctr.

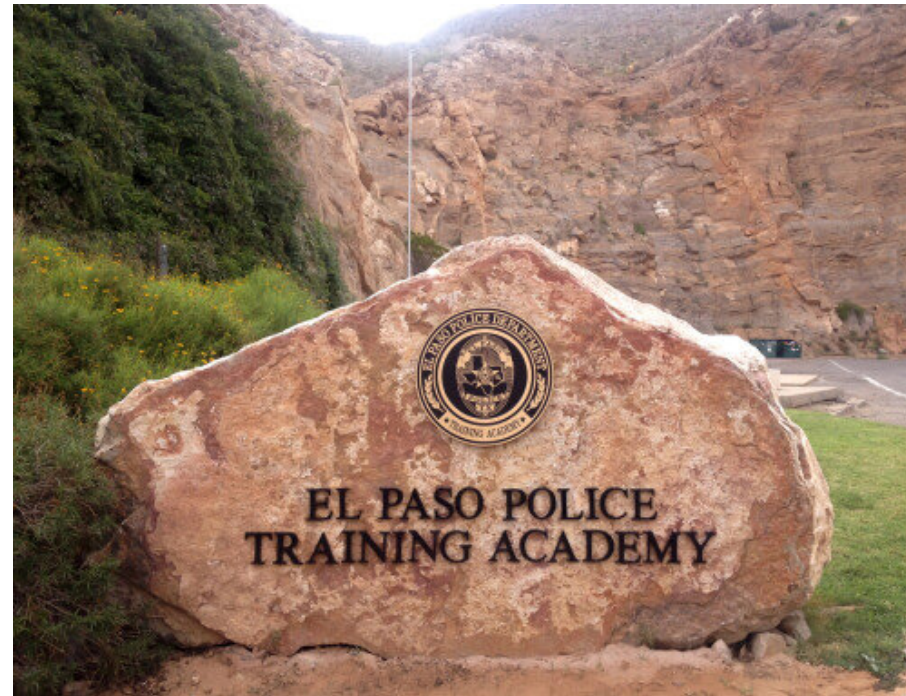


New Facility will be designed to complement Open Space



Joint Public Safety Academy - Schedule

- Programming: August 2021 – February 2022
- Design/Builder Selection: August 2022 – November 2022
- Design and Construction: November 2022 – June 2025





Fire Program **Progress to Date**

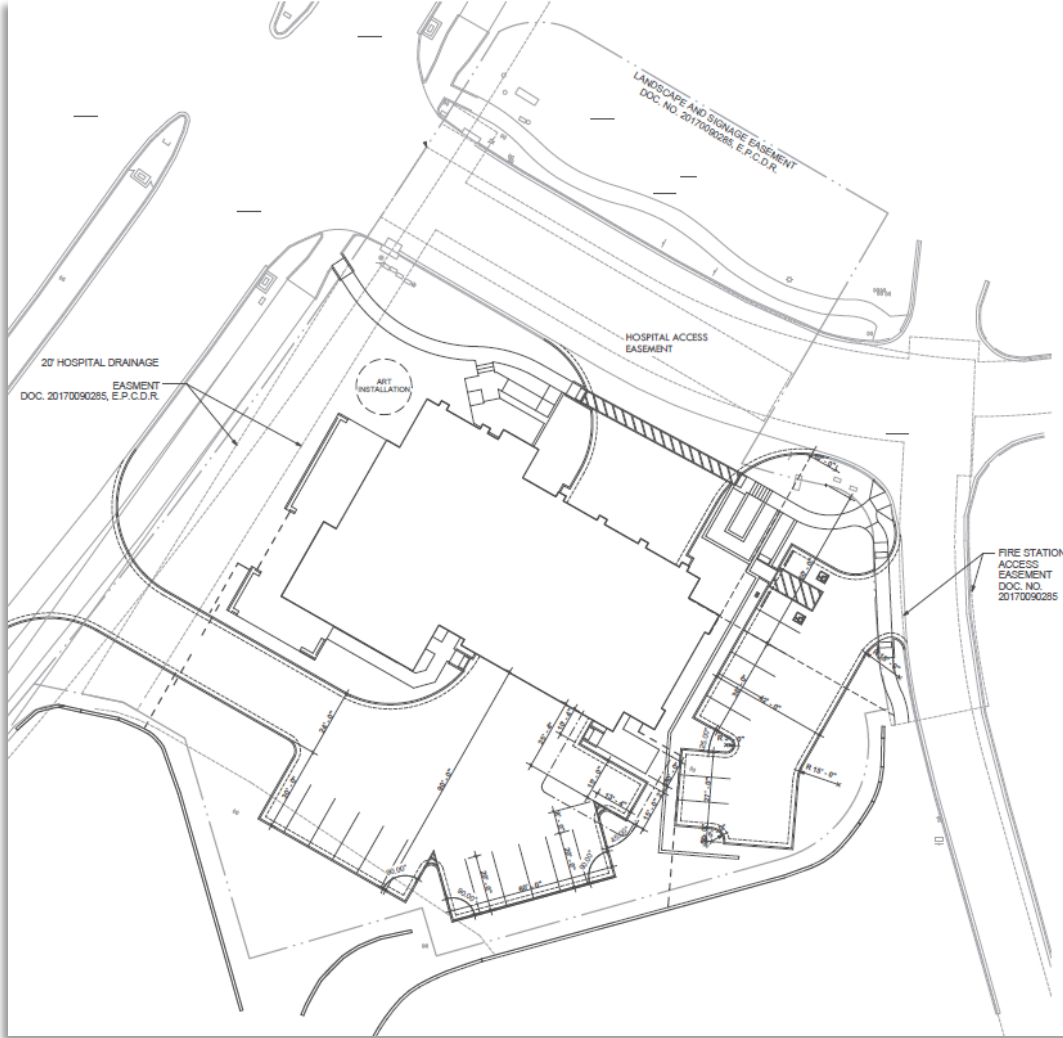
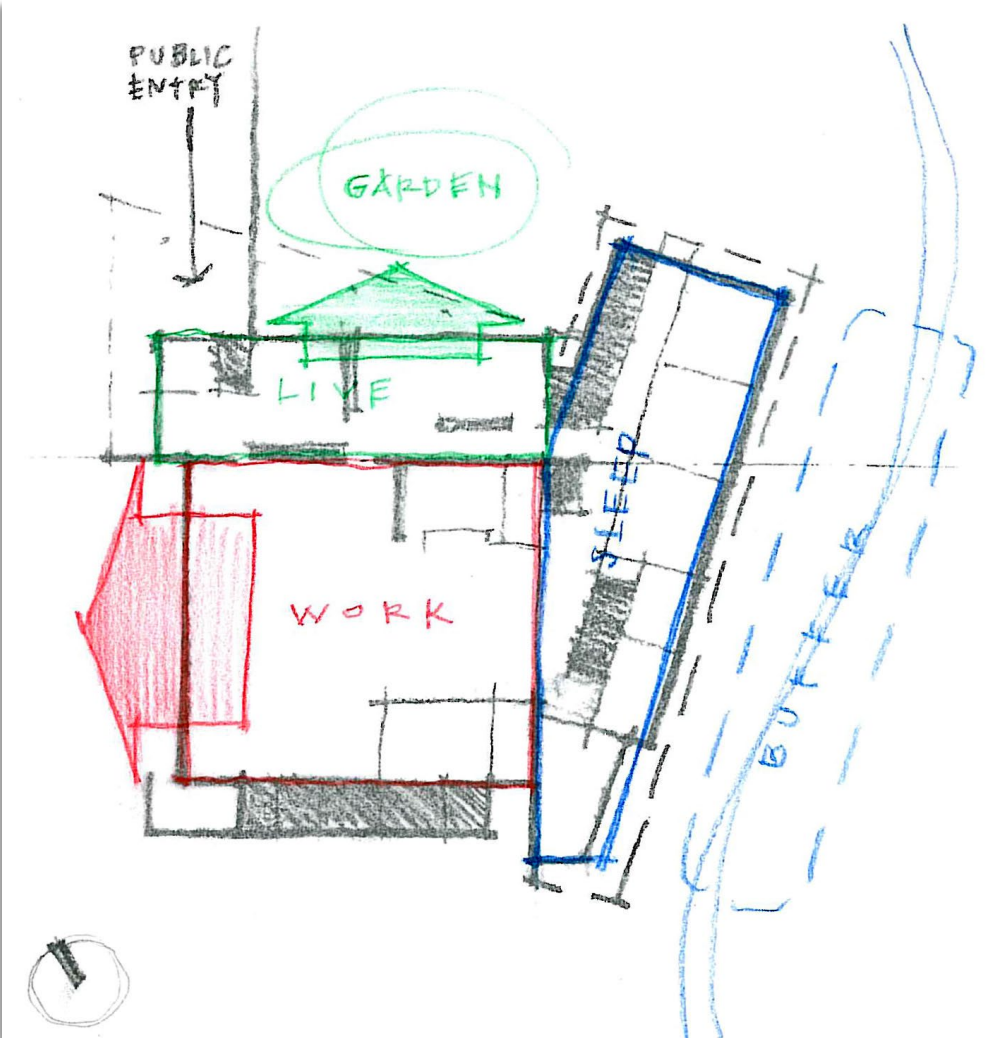
Project	Status
Fire Station 36	Construction to begin early 2022 and completed late 2023
Fire Station 38	Design underway expected to be completed in fall 2022. Construction Winter 2022 – early 2024
Special Teams Station	Design underway expected to be completed in fall 2022. Construction Winter 2023 – early 2025
Fire Station 40	Future 2027- 2029

Fire Station 36

Location	1960 N. Resler Dr.
District(s)	District 1
Total Budget	\$11.3M
Funding	2019 Public Safety Bond
Groundbreaking	January 20, 2022



Fire Station #36 – Site Plan



Fire Station #36 - Exterior Finishes

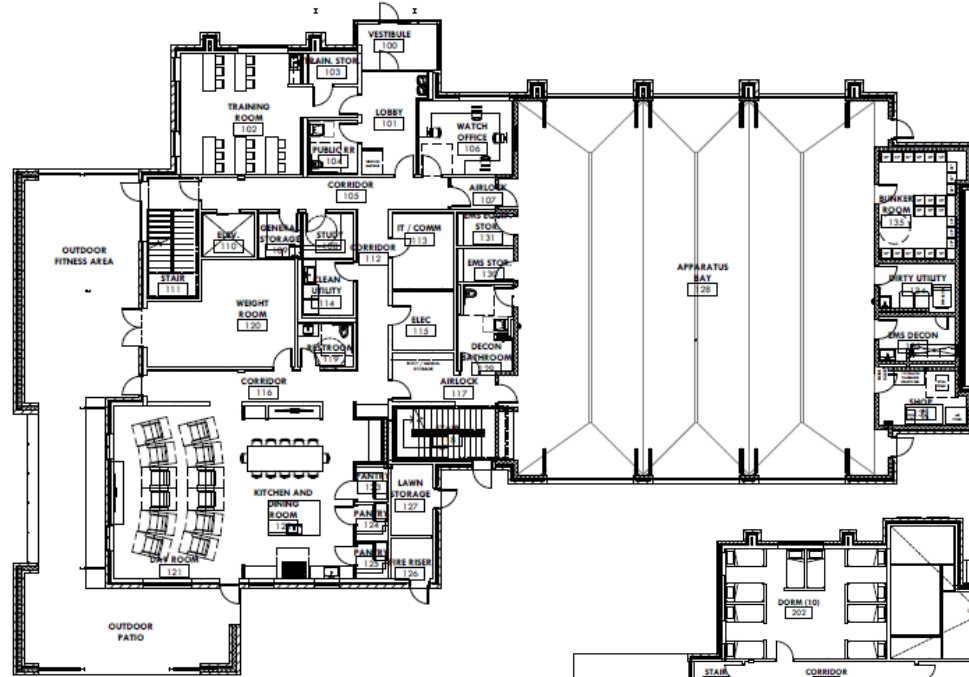
Exterior Finishes Comparison to Hospital



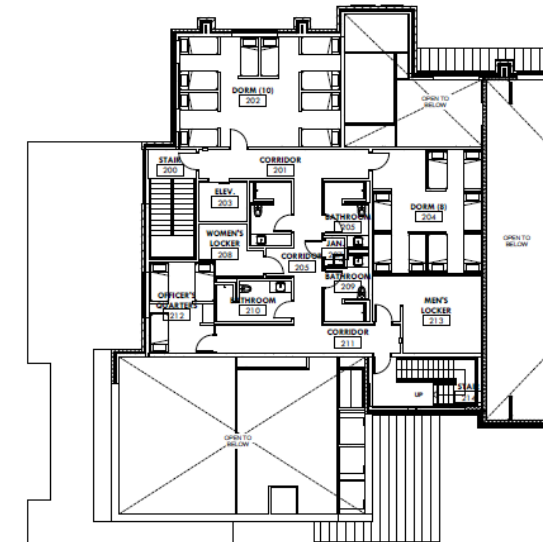
Fire Station #36 – Floor Plans Site Plans

Design Features

- Approximately 12,000 ft²
- Community room
- 3-apparatus bays
- Designed with fire fighter health and safety in mind with segregation of hot, warm and cold zones
- Indoor and outdoor recreation space
- Meets Green Globe (2) requirements



First floor



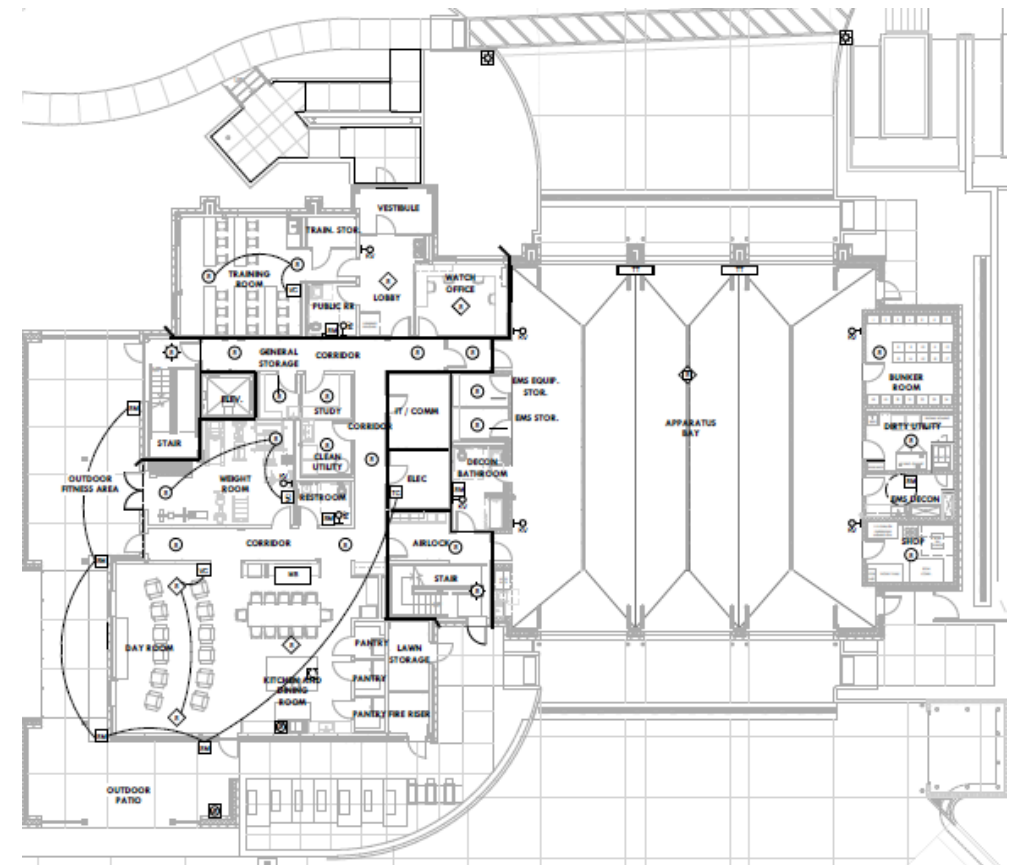
Second floor

Fire Station #36 – Sustainable Design Elements

28

Sustainable Design Elements

- Locally sourced exterior finishes
- Low flow bathroom/locker room fixtures
- Natural lighting throughout building
- Low VOC building materials
- On site storm water management
- Indoor/outdoor recreation amenities
- Xeriscape, native plantings, and drip irrigation
- Energy efficient HVAC/Appliances
- LED Lighting
- Energy efficient building envelope and reflective roofing system
- Energy recovery, centralized energy management system, and air purification system
- Vital-Vio LED lights in restrooms, showers, kitchen, and workout areas
- Solar ready - exploring PPA
- Apparatus bay circulation fan





Fire Program (Cont'd)

Progress to Date

Project

Status

Fire Department Headquarters

Programming underway; project being completed using design-build (D/B) delivery strategy; owners representative has met with FD to define project requirements so that bridging documents can be developed and DB contract awarded (expect winter 2022)

Public Safety Training Facility and Logistics Center

Co-located with Fire HQ, same time and pending activities





Fire Program (Cont'd)

Progress to Date

Project

Status

Station Renovations

Building assessments completed, planning five renovations per year. Design has been completed for FS 10, 19, 20, 21, 25 and 26. Construction of FS 10 and 19 are in bidding, construction on these stations will be begin in early spring. Construction of FS 20 began in December 2021. Construction on FS 21, 25 and 26 to begin in summer 2022. Designs for the next five stations to began in January 2022



Fire Station Renovations

Station	Location	District	Scope	Budget	Status
5 & 37	400 Revere St and 1250 RC Poe	3 & 5	Upgrade apparatus bay vehicle exhaust to point-of-capture system. Additional minor renovations to be completed in the future.	\$480K	Complete
10	1801 Montana Ave.	8	Replace concrete apparatus bay ingress/egress apron, replace concrete parkway along N. Williams St with landscaping, interior renovations to include LED lighting, new restroom, kitchen, living quarters, and exercise room. Construction of a minor addition to relocate showers and locker room from restrooms, improving privacy and functionality of the locker room	\$1.8M	Bidding
19	2405 McCrae	7	Addition of fire suppression system, smoke and CO ₂ monitors, landscaping improvements, interior painting, new exterior energy efficient windows, flooring, furniture, kitchen cabinets, counter tops, and energy efficient lighting	\$3.0M	Bidding
20	8301 Edgemere	3	Conversion of existing unenclosed emergency response vehicle bay to an enclosed bay for a larger fire apparatus. Additional minor renovations to be considered in the future.	\$496K	Construction

Fire Station Renovations



FS 20 Enclose Open Bay



FS 26 Replace Windows and HVAC Upgrade Finishes



FS 5 and 37 Install Direct Exhaust Capture System

Fire Station Renovations

Station	Location	District	Scope	Budget	Status
21	10000 Dyer St	4	Replace concrete apparatus bay ingress/egress apron, resurface staff parking area, install parking area security gate and a 24 hour emergency generator, renovate interior to include kitchen, living area, restrooms, dispatch office, remodel women's sleeping quarters so that decontamination /extractor, bunker gear, and EMS supply rooms and a janitor's closet can be accommodated while providing proper separation of Hot/Warm/Cold Zones	\$1.9M	Bidding
25	10834 Ivanhoe	8	Replace roof, install fire alarm/fire suppression system, upgrade electrical system, upgrade doors, finishes, counters, cabinetry, and lighting, repoint exterior masonry, demolish and reinstall concrete driveways, and repaint interior.	\$2.2M	Bidding
26	9418 N. Loop Dr	6	Replace exterior windows, upgrade to LED lighting, upgrade interior finishes (floors, plumbing fixtures, kitchen cabinetry, countertops, replace HVAC, asphaltic driveways and parking areas	\$1.4M	Bidding

Fire Station Renovations



FS 21 Replace ingress/egress drive, install emergency generator, update finishes



Relocated to Special Units Station along with functions housed at FS 9 and 11

New Fire Facilities

Facility	Location	District	Scope	Budget	Status
HQ	Officer Andrew Barcena & MLK Blvd	4	Design and construct new Fire Department Headquarters	\$29.6M	Programming
Academy and Maint. & Logistics Ctr.	Officer Andrew Barcena & MLK Blvd	4	Design and construct new Fire Department Vehicle Maintenance and Logistics Center and Training Academy	\$29.6M	Programming
Special Units Station	222 S. Campbell	8	Demolish Tilman Building and design and construct a new facility to consolidate technical rescue, hazardous materials response, search and rescue and water rescue functions currently housed in FS 1, 9 and 11 Demolish existing FS 1 and design and construct a structured parking facility for PD and Fire staff and fleet	\$17.1M	Design

Future Fire Projects

Facility	Location	Scope	Timeframe
FS 38	Tim Foster and Pebble Hills	Design and Construct a new fire station at site of ESRCC	FY 22-24
FS 40	TBD	Design and construct new Fire Station	FY 27-29
Station Renovations	Citywide	<p>Complete renovations of existing fire stations.</p> <ul style="list-style-type: none"> ✓ FY 21 FS 5 & 37 ✓ FY 21-FY 22 FS 10, 19, 20, 21, 25, 26 ✓ FY 22-FY 23 FS 3, 15, 18, 22, 24 ✓ FY24 – FY 28 TBD 	<p>FY 21 Building assessments completed</p> <p>FY 20-28 Renovations to be completed</p>



Mission

Deliver exceptional services to support a high quality of life and place for our community



Vision

Develop a vibrant regional economy, safe and beautiful neighborhoods and exceptional recreational, cultural and educational opportunities powered by a high performing government



Values

Integrity, Respect, Excellence, Accountability, People



Misión

Brindar servicios excepcionales para respaldar una vida y un lugar de alta calidad para nuestra comunidad



Visión

Desarrollar una economía regional vibrante, vecindarios seguros y hermosos y oportunidades recreativas, culturales y educativas excepcionales impulsadas por un gobierno de alto desempeño



Valores

Integridad, Respeto, Excelencia, Responsabilidad, Personas