

**City of San Diego**  
**Fire Station No. 48**





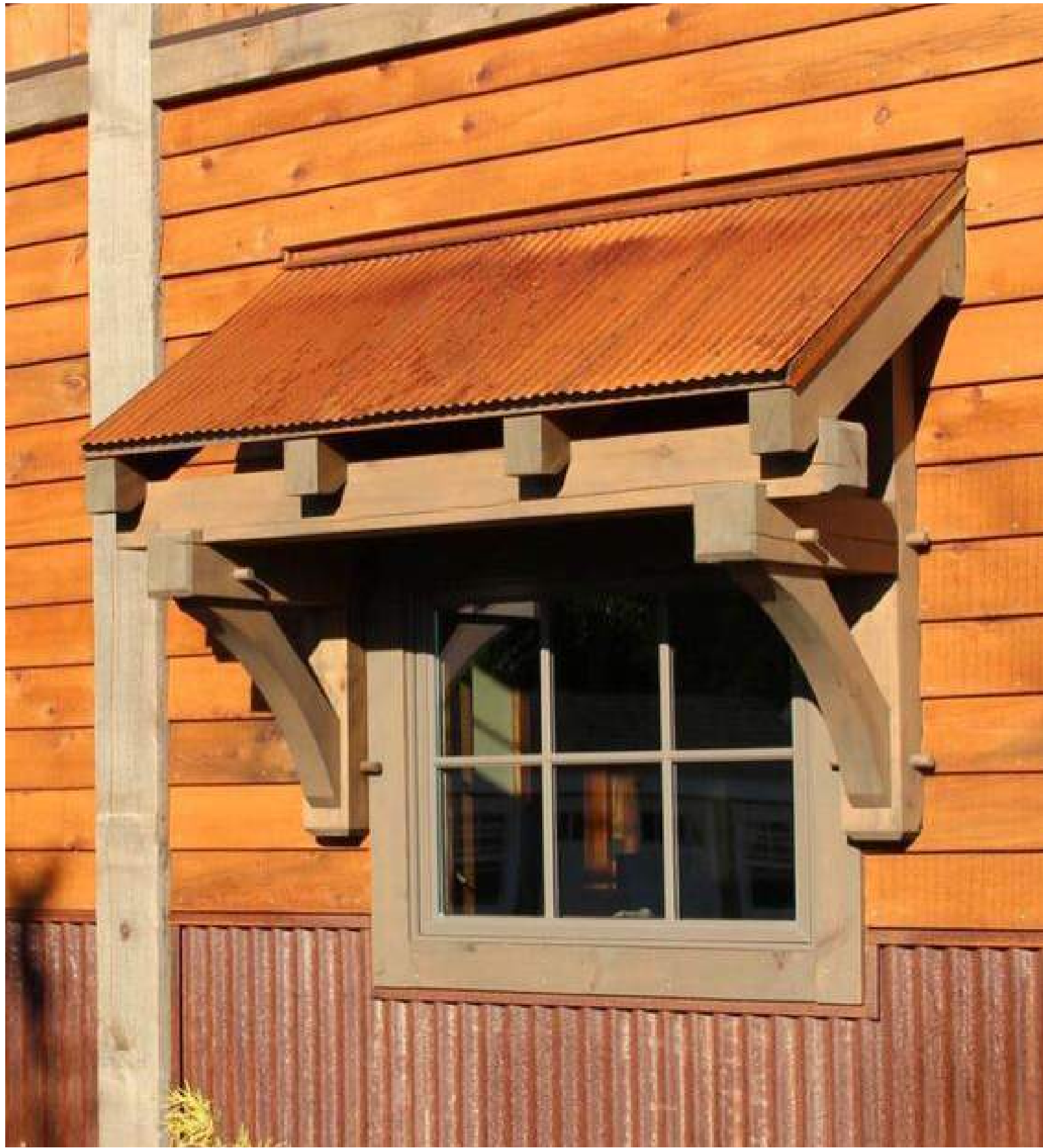
DEL SUR RANCH HOUSE



DROUGHT TOLERANT PLANT PALETTE

# Design Inspiration.

The proposed design draws inspiration from the surrounding Black Mountain Ranch Community, with an exterior aesthetic similar to facilities such as the Del Sur Ranch house. Engineered stone, exposed heavy timber, split face and shot blast CMU, and smooth stucco are highly durable yet attractive. Native, drought-tolerant plants will enhance the natural exterior. A balance between resilience and comfort, the fire station will have a strong civic presence, ensure efficient operations, and provide a home for fire personnel.



EXPOSED HEAVY TIMBER FRAMING AND DETAILS





## BLACK MOUNTAIN RANCH DESIGN GUIDELINES

The exterior design and selection of finish materials have been carefully chosen to provide an aesthetic quality that compliments the surrounding community.

## STRONG CIVIC PRESENCE

While the aesthetic of the building is comparable to the surrounding neighborhood, the building's scale, signage, and apparatus bay clearly denote it as a civic structure.

## FITNESS PATIO WITH TRAINING PLATFORM

Outdoor exercise patio acts as an extension from the fitness room whiel the training platform allows for personnel to perform on-site training exercises.



## DURABILITY & LONGEVITY

Engineered stone, exposed heavy timber, split face and shot blast CMU, and smooth stucco are extremely durable yet attractive and fit within the community design guidelines.

## BUILDING SIGNAGE

Red building signage clearly identifies the fire staion while complimenting the overhead coiling apparatus bay doors.

## HIGH SPEED OVERHEAD COILING DOORS

State-of-the-art apparatus bay doors open rapidly to speed up response times, helping fire personnel respond to calls quickly.

## INVITING PUBLIC ENTRY

The front porch of the Fire Station is adjacent to the public parking lot, clearly defining the public entry while greeting visitors and providing a welcoming reception area.





APPARATUS BAY EXTERIOR WALLS:  
SPLIT FACE & SHOTBLAST CONCRETE MASONRY UNITS



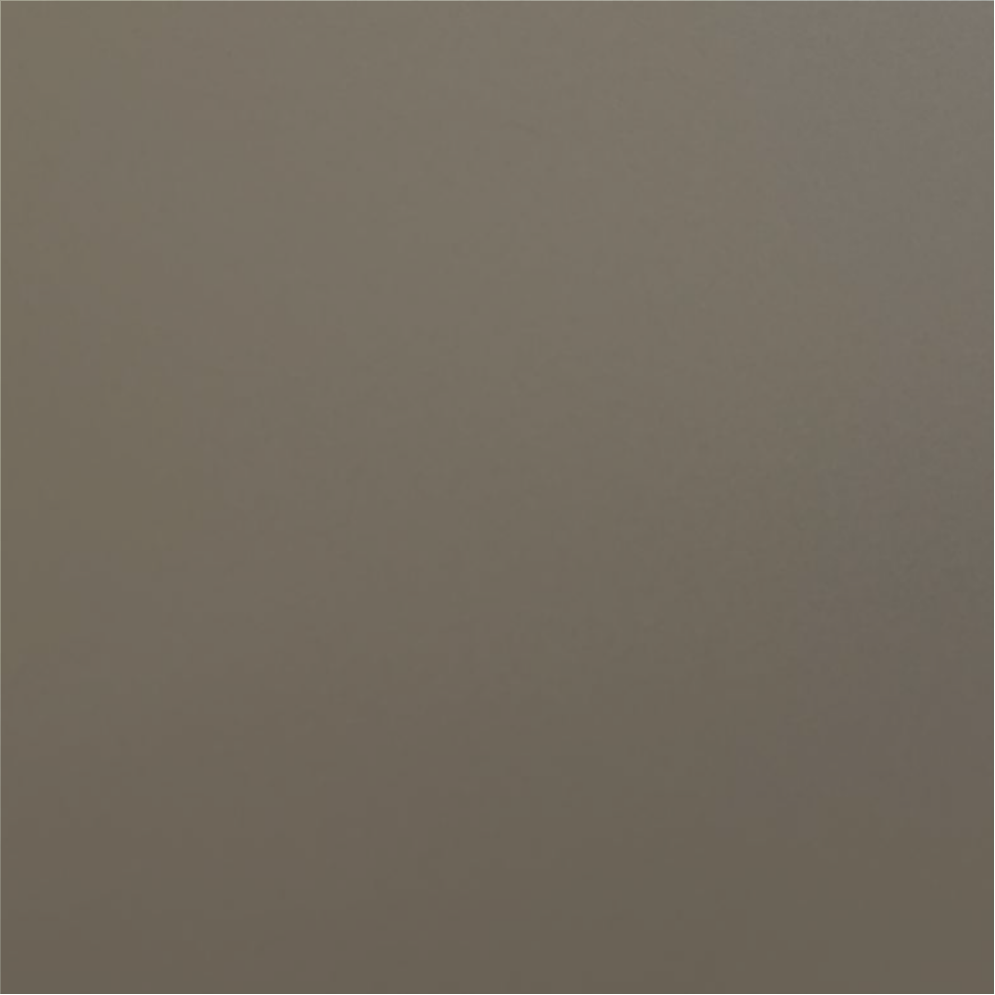
EXTERIOR WALLS:  
INTEGRAL COLOR STUCCO



EXTERIOR WALLS:  
MANUFACTURED STONE VENEER



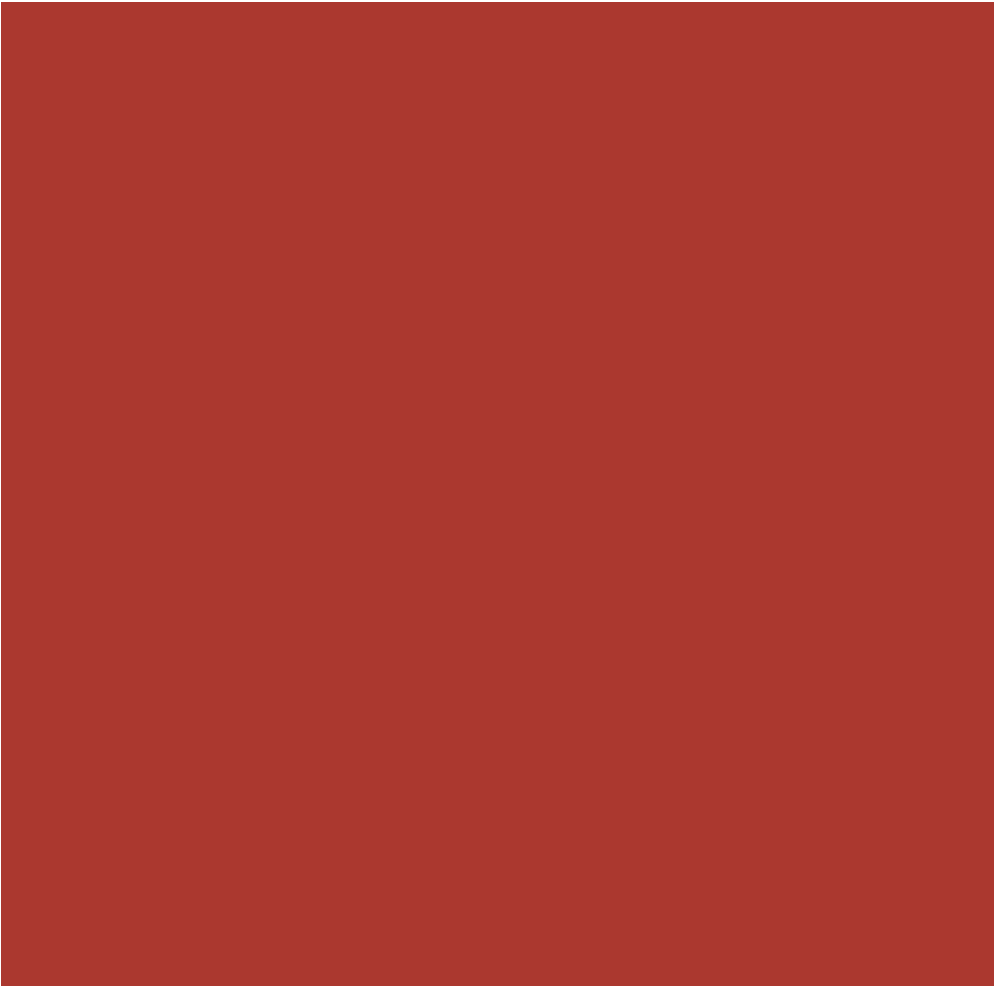
EXPOSED WOOD STRUCTURE &  
WINDOW AND DOOR TRIM



ENERGY EFFICIENT COMPOSITE  
WINDOWS



CONCRETE TILE ROOF



APPARATUS BAY DOOR COLOR

















City of San Diego Fire Station 48

Exterior Perspective - View from Carmel Valley Road







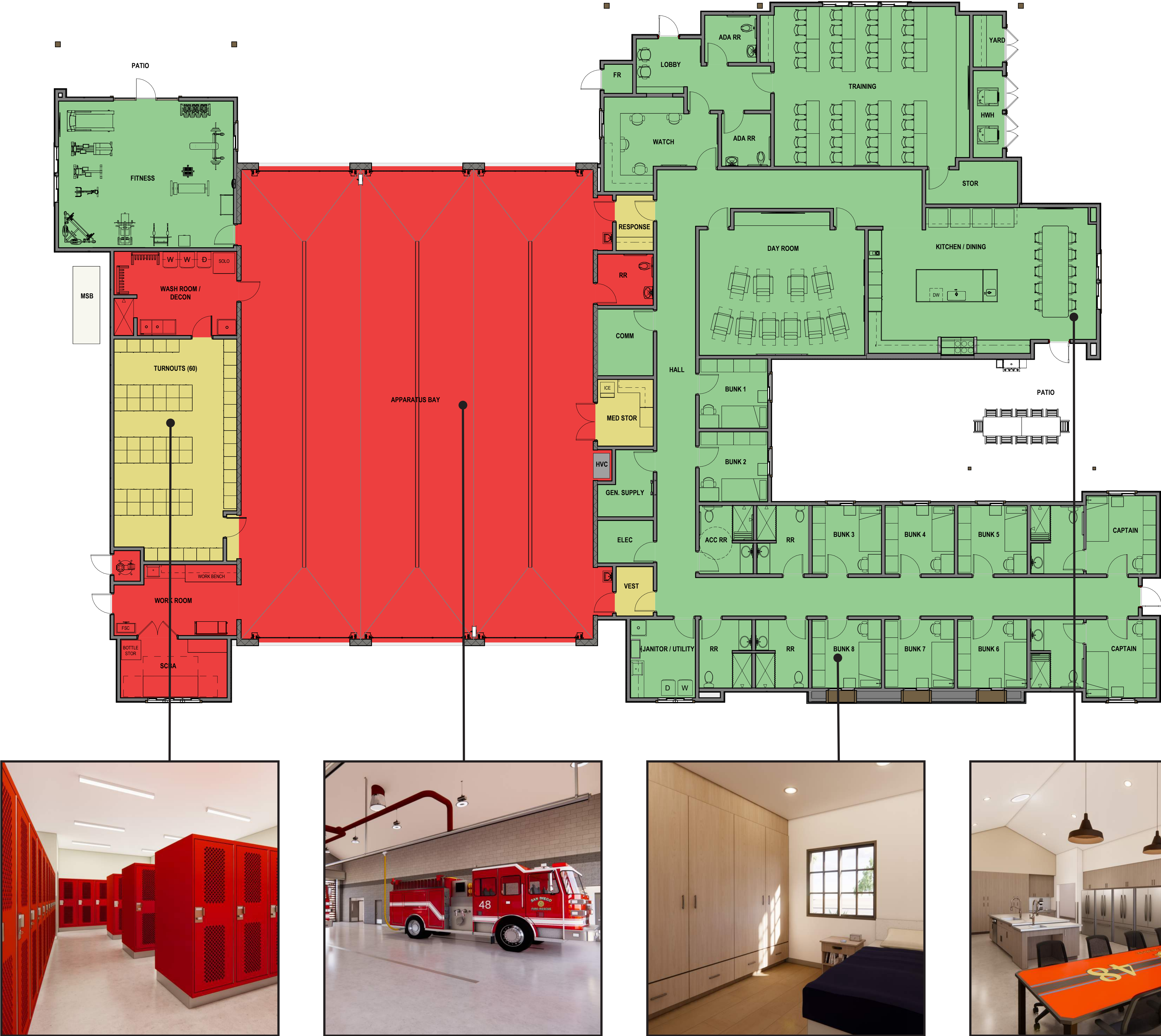
# Safety. Efficiency. Comfort.

Fire Station No. 48 will provide a modern, efficient, and comfortable facility for the San Diego Fire & Rescue team. By utilizing cold, warm, and hot zones, the floor plan design helps best contain contaminants to one area of the station – away from where fire personnel eat, sleep, and live.

**HOT ZONE**  
Spaces exposed to contaminants such as the apparatus bay, decontamination area, and work rooms.

**WARM ZONE**  
Transition area between contaminated areas and clean areas. Double door vestibules and enhanced ventilation measures are used to restrict the flow of contaminants between spaces.

**COOL ZONE**  
Clean areas for living and working such as offices, day room, kitchen, and bunk rooms.







LOBBY



TRAINING ROOM



KITCHEN / DINING



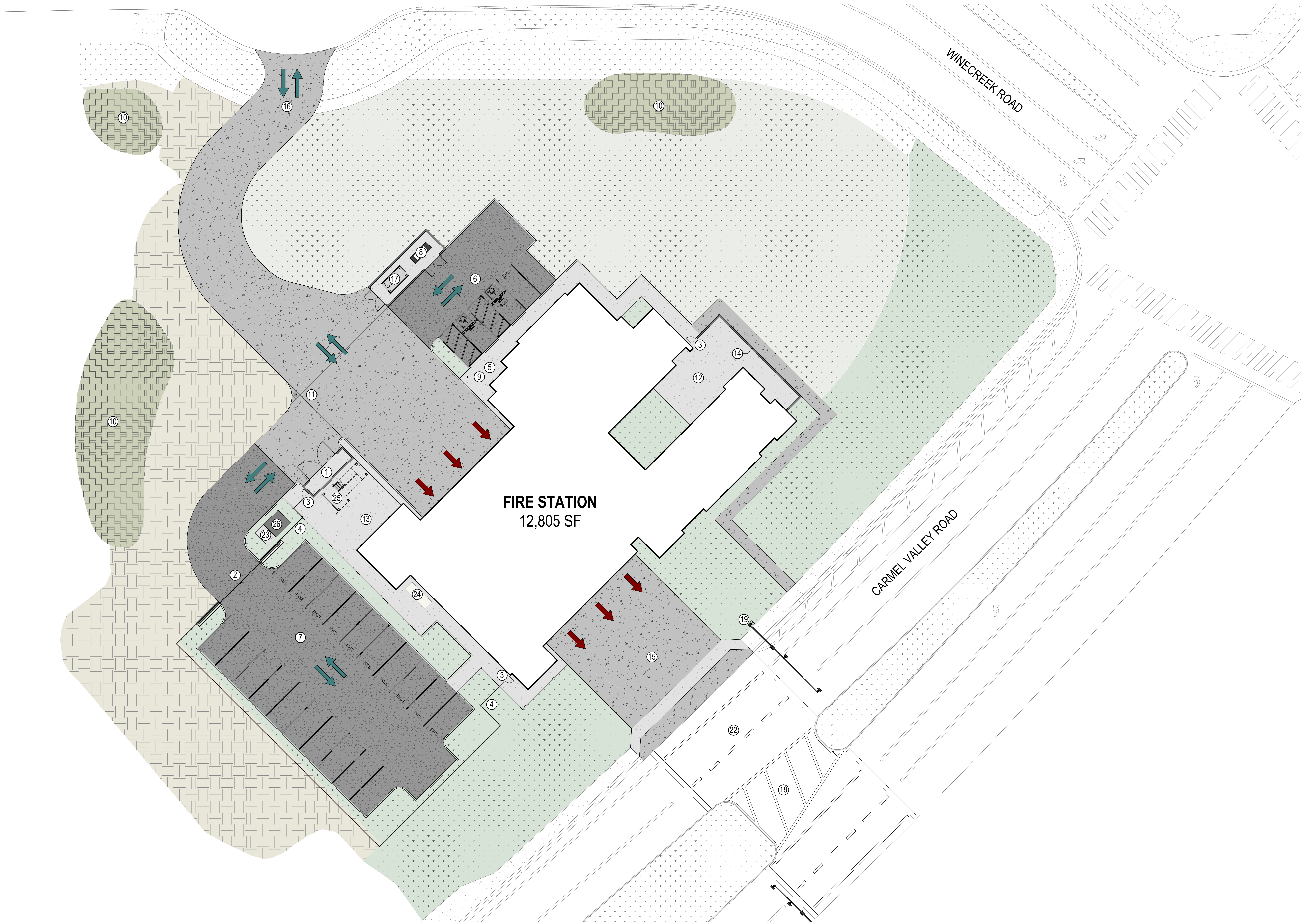
FITNESS



# Take the Virtual Tour!







NOTES:

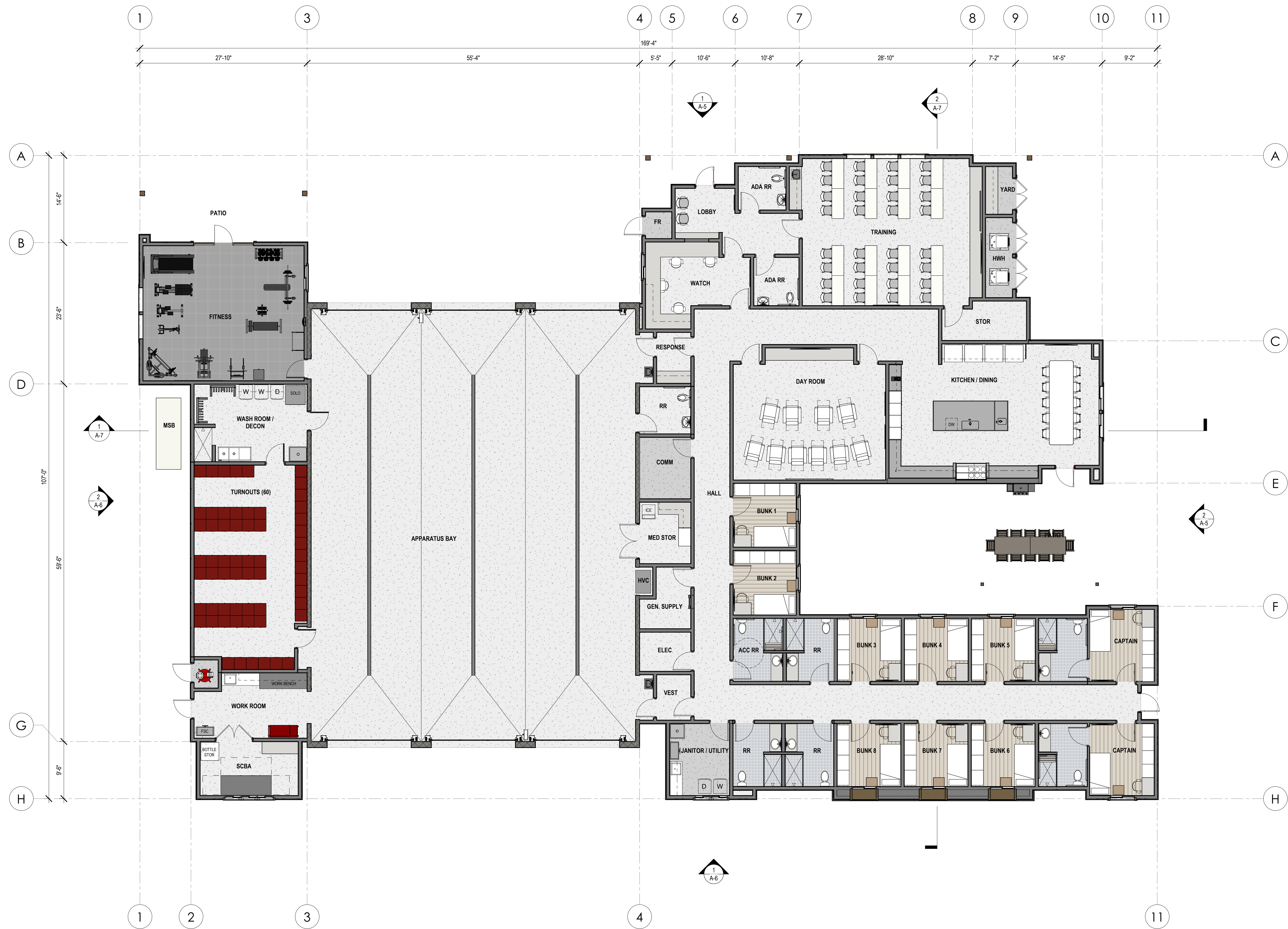
- ① TRASH & RECYCLING ENCLOSURE
- ② ROLLING SECURITY GATE
- ③ PERSONNEL GATE
- ④ 6' HIGH SECURITY FENCE
- ⑤ BUILDING ENTRANCE
- ⑥ PUBLIC PARKING (1 STANDARD, 1 EVCS, 1 ADA, 1 ADA EVCS)
- ⑦ SECURE PARKING (10 STANDARD, 2 EVSE, 2 EVCS)
- ⑧ EMERGENCY GENERATOR, SEE ELECTRICAL
- ⑨ FLAG POLE
- ⑩ BIO-RETENTION BASIN, SEE CIVIL
- ⑪ VEHICLE WASH AREA WITH FOX DRAIN
- ⑫ PATIO
- ⑬ FITNESS PATIO
- ⑭ CONCRETE MASONRY SCREEN WALL
- ⑮ RESPONSE DRIVEWAY
- ⑯ RETURN DRIVEWAY
- ⑰ FUEL STORAGE AND FILL STATION
- ⑱ MEDIAN IMPROVEMENTS
- ⑲ EMERGENCY TRAFFIC BEACON
- ⑳ EMERGENCY VEHICLE TRAFFIC STRIPING TO BE COORDINATED WITH CITY OF SAN DIEGO TRAFFIC ENGINEERING DEPARTMENT
- ㉓ BATTERY ENERGY STORAGE SYSTEM, SEE ELECTRICAL
- ㉔ MAIN DISTRIBUTION SWITCHBOARD, SEE ELECTRICAL
- ㉕ TRAINING PLATFORM
- ㉖ SDG&E TRANSFORMER

LEGEND

- CONCRETE DRIVEWAY
- CONCRETE WALKWAYS & PATIOS
- ASPHALT CONCRETE PAVING
- ROCK COBBLE WITH DROUGHT-TOLERANT PLANTING, SEE LANDSCAPE
- LOW-WATER GROUNDCOVER AND ON-SITE STOCKPILED ROCK COBBLE, SEE LANDSCAPE
- PLANTED STORMWATER BASIN, SEE CIVIL AND LANDSCAPE PLANS
- NATURALIZED LANDSCAPE AREA, SEE LANDSCAPE
- ONE-WAY TRAFFIC
- TWO-WAY TRAFFIC







ROOM NAME	SQ FT
LOBBY	160 SF
ADA RR	57 SF
ADA RR	60 SF
WATCH	201 SF
TRAINING	743 SF
YARD	36 SF
HWH	60 SF
STOR	86 SF
KITCHEN / DINING	722 SF
DAY ROOM	528 SF
HALL	1063 SF
RESPONSE	72 SF
RR	67 SF
COMM	87 SF
MED STOR	87 SF
GEN. SUPPLY	73 SF
ELEC	56 SF
BUNK 1	111 SF
BUNK 2	112 SF
ACC RR	85 SF
RR	82 SF
BUNK 3	111 SF
BUNK 4	111 SF
BUNK 5	111 SF
CAPTAIN	218 SF
CAPTAIN	218 SF
BUNK 6	111 SF
BUNK 7	111 SF
BUNK 8	111 SF
RR	84 SF
RR	84 SF
JANITOR / UTILITY	120 SF
VEST	65 SF
APPARATUS BAY	3888 SF
HVC	10 SF
FITNESS	603 SF
WASH ROOM / DECON	239 SF
TURNOUTS (60)	629 SF
WORK ROOM	212 SF
SCBA	147 SF
FR	20 SF
TOTAL NET SF	11750 SF
STRUCTURE	1,069 SF
TOTAL BUILDING GROSS SF	12,805 SF

FLOORING LEGEND

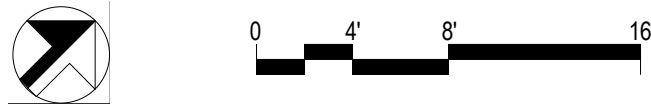
POLISHED CONCRETE

SEALED CONCRETE

LUXURY VINYL PLANK

RUBBER MAT

CERAMIC TILE





NOTES:

- ① ROOF DRAIN
- ② TRELLIS
- ③ MECHANICAL UNITS, SEE MECHANICAL PLAN
- ④ PLYMOVENT EXHAUST FAN
- ⑤ ROOF ACCESS HATCH



LEGEND

- CONCRETE ROOF TILE
- SOLAR READY AREA
- TPO ROOFING



0 4' 8' 16'



NOTES:

- ① CONCRETE MASONRY WALL
- ② CONCRETE TILE ROOF
- ③ HOLLOW METAL EXTERIOR DOORS
- ④ INTEGRAL COLOR STUCCO
- ⑤ MANUFACTURED STONE VENEER
- ⑥ ALUMINUM STOREFRONT SYSTEM
- ⑦ ENERGY EFFICIENT COMPOSITE WINDOWS
- ⑧ HIGH SPEED OVERHEAD COILING DOORS
- ⑨ HEAVY TIMBER FRAMING, TYP.
- ⑩ BUILDING SIGNAGE
- ⑪ TRELLIS
- ⑫ TUBULAR SKYLIGHT, TYP.



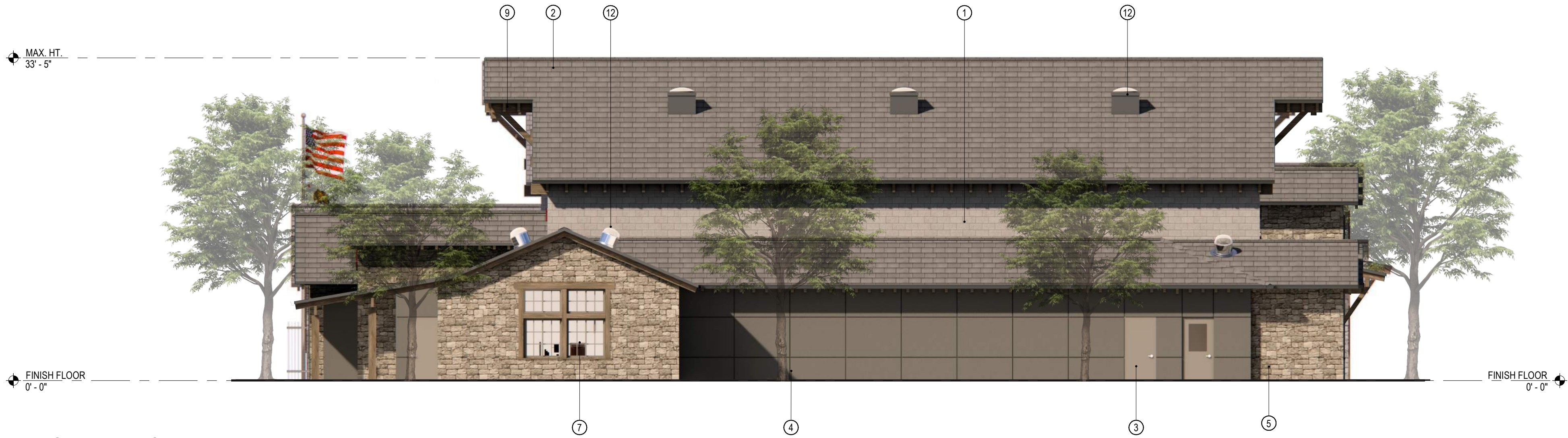




SOUTH ELEVATION

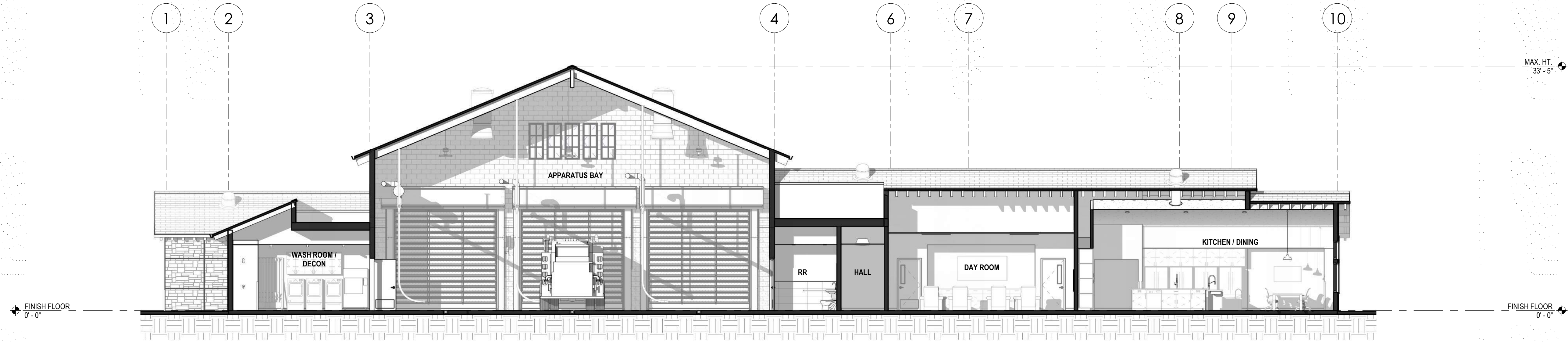
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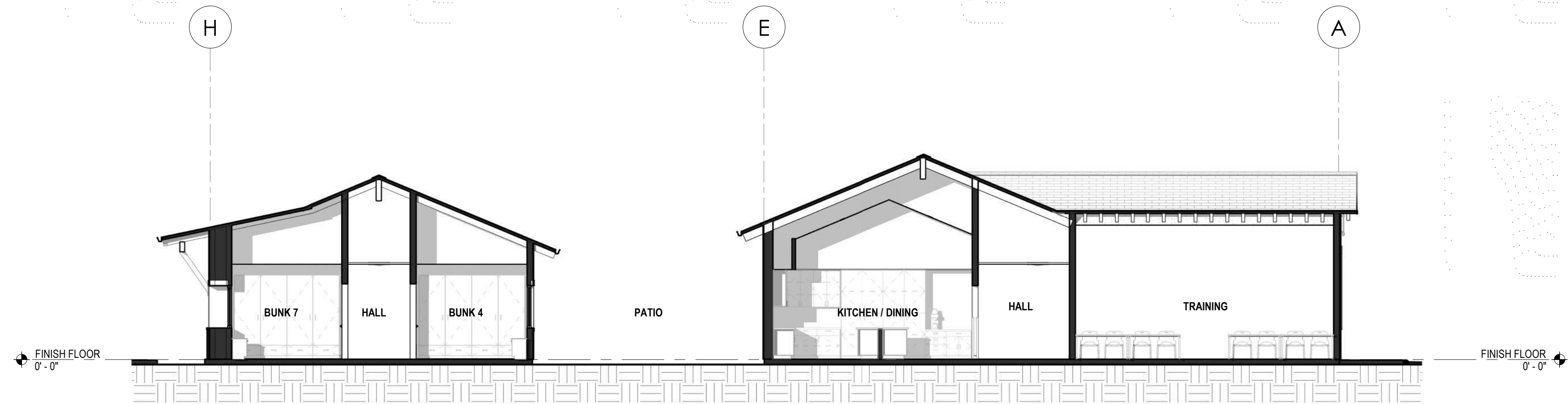


WEST ELEVATION





**BUILDING SECTION - 1**



**BUILDING SECTION - 2**