

CONSULTANT:

PROJECT ADMINISTERED BY:  
SAN BERNARDINO COUNTY  
PROJECT & FACILITIES  
MANAGEMENT DEPARTMENT

385 N. ARROWHEAD AVE.  
SAN BERNARDINO, CA 92415

PROJECT NAME:  
SAN BERNARDINO  
COUNTY FIRE  
DEPARTMENT:  
FIRE STATION 227

PROJECT # 10101202  
CIP #22-105  
APN Port of 0154-281-01

180 W. 38TH STREET  
SAN BERNARDINO,  
CA 92405

REFERENCE FLOOR PLAN

## KEY NOTE

ROOM IDENTIFICATION SIGNS	
QTY	SIGN
2	APPARATUS
5	BATHROOM (1 to 5)
0	COMM ROOM
2	FITNESS
0	MECH ROOM
2	LAUNDRY (1 AND 2)
0	OFFICE
0	STORAGE
9	SLEEP QUARTER (1 to 9)
2	TURNOUT GEAR
2	SHOWERS
0	SCBA
0	UTILITY
0	ICE MACHINE
0	JANITOR

- 1. CORNER GUARDS (PVC) (TYP. OF 13)
- 2. METAL MESH GEAR LOCKERS, FLOOR MOUNTED AT CENTER OF ROOM WALL MOUNTED AT ROOM PERIMETER, PROVIDE BACKING AS REQUIRED.
- △ DESIGNATE TWO LOCKERS AS ACCESSIBLE, SHOWN ON PLAN; INSTALL HANG BAR AND HOOKS AT 48" A.F.F. PROVIDE SYMBOL OF ACCESSIBILITY.
- 3. KNOX BOX, PROVIDE PER COUNTY OF SAN BERNARDINO FIRE DEPT. REQUIREMENTS.
- 4. CASEWORK WARDROBE LOCKERS AND DESK, SEE 4 A61
- 5. SEMI-RECESSED FIRE EXTINGUISHER, SEE 4 A62
- 6. FLUSH PYRAMID SHAPED CONC. PAD FOR EXTRACTOR PER MANUF. INSTRUCTIONS, SEE 4 A61
- 7. FIRE SPRINKLER RISER.
- 8. WALLS SEPARATING SLEEP UNITS TO HAVE A MINIMUM 1/2 HOUR FIRE RATED WALL, SEE 16 A24
- 9. ADA RESTROOM WALL AND DOOR SIGNAGE, SEE 8 A24
- 10. CORNER GUARDS (STAINLESS STEEL) (TYP. OF 7)
- 11. 6" DIA X 4' HIGH CONCRETE FILLED BOLLARD, PAINT OSHA YELLOW, SEE 7 A24
- 12. OVERHEAD COILING DOORS, (TYP. OF 6) SEE 3 A24
- 13. ICE MACHINE
- 14. 3' WIDE GLASS SHOWER DOOR & SHOWER RECEPTOR.
- 15. TACTILE EXIT SIGN, SEE 1 A24
- 16. AREA DRAIN, SEE PLUMBING DWGS.
- 17. RED 911 PHONE, BY FIRE DEPT. SEE SHEET D11
- 18. VIDEO DOOR BELL, SEE COMMUNICATIONS PLANS.
- 19. GAS RESET BUTTON, SEE ELEC. AND COMMUNICATIONS PLANS.
- 20. ROOM IDENTIFICATION SIGNAGE, SEE 16 A24
- 21. PROVIDE ACCESSIBLE DINING SURFACE AT TABLE, SEE 20 A61
- 22. WALL COVER WITH GRAPHICS.

## WALL LEGEND

EXTERIOR WALL: 2x6 OR 2x4 WOOD STUDS • 16" O.C. W/ SHEATHING PER STRUCTURAL DRAWINGS W/ CEMENT CEMENT PLASTER W/ R-21 BATT INSULATION & ONE LAYER OF 5/8" TYPE "X" GYP. BD. ON INTERIOR FACE UNLESS OTHERWISE NOTED.
1-HOUR WALL: 2x6 WOOD STUDS • 16" O.C. w/ ONE LAYER OF 5/8" TYPE "X" GYP. BD. FROM FLOOR TO UNDERSIDE OF ROOF SHEATHING ON APPARATUS BAY SIDE AND ONE LAYER OF 5/8" TYPE "X" GYP. BD. FROM FLOOR TO UNDERSIDE OF ROOF SHEATHING ON LIVING QUARTERS SIDE W/ PLYWOOD PER STRUCT. DRAWING USE R-21 BATT INSULATION TO FILL CAVITY.
1/2 HOUR WALL: 2x6 OR 2x4 WOOD STUDS • 16" O.C. W/ 5/8" TYPE "X" GYP. BD. ON EACH FACE W/ GOUND INSULATION FULL HEIGHT OF WALL REFER TO FIRE RATED ASSEMBLES DET. 6A22
INTERIOR WALL: 2x6 OR 2x4 WOOD STUDS • 16" O.C. W/ 5/8" TYPE "X" GYP. BD. ON EACH FACE (UNLESS OTHERWISE NOTED) W/ (SOUND) INSULATION FULL HEIGHT OF WALL REFER TO FIRE RATED WALL ASSEMBLES FOR SPECIFICATION.

NOTES: PROVIDE WATER RESISTANT GYP. BD. BEHIND ALL WET AREAS.

NOTE: COORDINATE / SEE STRUCTURAL DRAWINGS FOR ALL 16" HIGH CONC. CUBS - CUB WIDTH TO MATCH WALL STUD WIDTH (TYP. AT ALL EXTERIOR WALLS AND ALL APPARATUS WALLS).

NOTE: ALL PIPING, CONDUITS, WIRES, DUCTS, ETC. SHALL BE CONCEALED INSIDE WALLS OR ATTIC, NO EXCEPTIONS.

NOTE: MIXED-USE BUILDING SEPARATION PROPOSED PER CBC 508.3 NONSEPARATED OCCUPANCIES

## EQUIPMENT LIST

QTY. ITEM	FURNISHED BY	INSTALLED BY
1 EA REFRIGERATOR/FREEZER	CONTRACTOR	CONTRACTOR
2 DISHWASHER	CONTRACTOR	CONTRACTOR
2 RANGE & HOOD	CONTRACTOR	CONTRACTOR
2 MICROWAVE	CONTRACTOR	CONTRACTOR
1 COFFEE MAKER	CONTRACTOR	CONTRACTOR
1 RESIDENTIAL ICE MAKER	CONTRACTOR	CONTRACTOR
1 R.O. WATER SYSTEM/UNDERCOUNTER	CONTRACTOR	CONTRACTOR
1 COUNTERTOP R.O. WATER DISPENSER	CONTRACTOR	CONTRACTOR
2 WASHER	CONTRACTOR	CONTRACTOR
2 DRYER	CONTRACTOR	CONTRACTOR
5 FIRE EXTINGUISHERS	CONTRACTOR	CONTRACTOR
27 METAL GEAR LOCKERS	CONTRACTOR	CONTRACTOR
28 PLASTIC LOCKERS	CONTRACTOR	CONTRACTOR
1 COMMERCIAL ICE MACHINE/BN	CONTRACTOR	CONTRACTOR
1 TELECOMMUNICATIONS SYSTEM - SEE DATA U	OWNER	OWNER
1 ALERT SYSTEM - SEE DATA 2H27	CONTRACTOR	CONTRACTOR
1 EXTRACTOR WASHER	CONTRACTOR	CONTRACTOR
1 COMM. DRYER CABINET	CONTRACTOR	CONTRACTOR
1 DECON WASH STATION	CONTRACTOR	CONTRACTOR
1 SCBA COMPRESSOR	CONTRACTOR	CONTRACTOR
1 AIR COMPRESSOR	CONTRACTOR	CONTRACTOR
1 VEHICLE EXHAUST SYSTEM	CONTRACTOR	CONTRACTOR
13 CEILING FANS	CONTRACTOR	CONTRACTOR
2 LARGE FORMAT CEILING FANS	CONTRACTOR	CONTRACTOR
1 AUTO TRANSFER SWITCH	CONTRACTOR	CONTRACTOR
2 UNIT HEATER	CONTRACTOR	CONTRACTOR
1 EXERCISE EQUIPMENT**	CONTRACTOR	CONTRACTOR
1 EMERGENCY GENERATOR	CONTRACTOR	CONTRACTOR
1 COMPRESSED AIR HOSE REEL	CONTRACTOR	CONTRACTOR
1 1000gal DIESEL FUEL TANK	CONTRACTOR	CONTRACTOR
FURNITURE*	CONTRACTOR	CONTRACTOR

- NOTES:  
 \* OWNER REFERS TO COUNTY OF SAN BERNARDINO FIRE DEPT.  
 \*\* CONTRACTOR TO PROVIDE FURNITURE: DAY ROOM: RECLINERS, DINING TABLE & CHAIRS, PANTRY: TABLE & CHAIRS, SLEEP QUARTER: MATTRESSES, CHAIRS, OFFICE: DESKS, SHELVES, CHAIRS, PATIO/TABLE & CHAIRS, SHOWER ROOM: LOCKERS SEE SPECIFICATIONS FOR DETAILS.
- \*EXERCISE EQUIPMENT:  
 CONTRACTOR TO PURCHASE AND INSTALL ALL EXERCISE EQUIPMENT LISTED IN SPECIFICATION SECTION II 6623 AND SHOWN IN SAMPLE INVOICE IN APPENDIX B. EQUIPMENT NOT SHOWN IN FLOOR PLAN SHALL BE LOCATED PER DIRECTION FROM THE FIRE DEPARTMENT.
- COMPRESSED AIR HOSE REEL:  
 COXREELS T SERIES, EZ-TSH-300 OR APPROVED EQUAL.



SEAL:

REF ID: 374-193-24

AS NOTED

DATE: DECEMBER 2024

PLOT DATE: —

DRAWING NAME: —

SEAL:

SHEET TITLE:

REFERENCE PLAN

SHEET NO.:

A2.2

REFERENCE FLOOR PLAN

1

SCALE: 1/8"=1'-0"

GA FILE NO.	PROPRIETARY	1/2 HOUR FIRE	50 TO 54 STC SOUND
<b>GYPSUM PANELS, WOOD STUDS</b>			
Fire Design:	One layer 5/8" proprietary gypsum panel applied parallel or at right angles to each side of 2x4 wood studs 16" o.c. with 1-5/8" Type S screws 12" o.c.		
Thickness:	6-1/4"	(Fire)	(Sound)
Approx. Weight:	4.4 psf (Fire)	6-1/4" (Sound)	
Fire Test:	UL R1319, 11NIK03873, 4-15-11, UL Design U407		
Sound Test:	RAL T11-132, 5-23-11		

### 1/2 HOUR FIRE RATED WALL

GA FILE NO.	GENERIC	1 HOUR FIRE	1/2 HOUR FIRE
<b>GYPSUM WALLBOARD, WOOD STUDS</b>			
Fire Design:	One layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to each side of 2x4 wood studs 16" o.c. with 1-1/4" Type W screws 12" o.c.		
Thickness:	4-3/4"	(Fire)	
Approx. Weight:	7.0 psf (Fire)		
Fire Test:	SWRI 01-4511-619[1], 3-94		

### 1 HOUR FIRE RATED WALL

Fire-rated Construction	Description & Physical Data	Acoustical Performance	System Reference
1 hr.	5/8" STROCKE Board/Gypsum Panel, Faced/C, green/green wood board/screws 1/2" x 2 1/4" 16" o.c. A/B/C roofing system—PC-1 channels or equivalent spacing, 1/2" gypsum board, 1/2" gypsum board with 1" Type S screws, joints finished—optional insulation directly over gypsum ceiling membrane—UL Des PZ22	N/A	S

"Where thermal insulation is shown in plans, it is required to be applied to the exterior of the assembly. Fiberglass insulation cannot be used in fire rated assemblies. If insulation is required, use IC-1 Resilient Channels or equivalent.

Insulation: If insulation is required, use IC-1 Resilient Channels or equivalent.

United States Gypsum Company 54824  
1/2 HOUR FIRE RATED CEILING  
5/8" TYPE X GYPSUM BOARD, PROVIDES  
30 MIN. RATING TO AN ASSEMBLY PER ASTM C36.

FIRE RATED ASSEMBLIES

SCALE: 3/16"=1'-0"

16

CLERESTORY FLOOR PLAN

4

SCALE: 1/8"=1'-0"

4