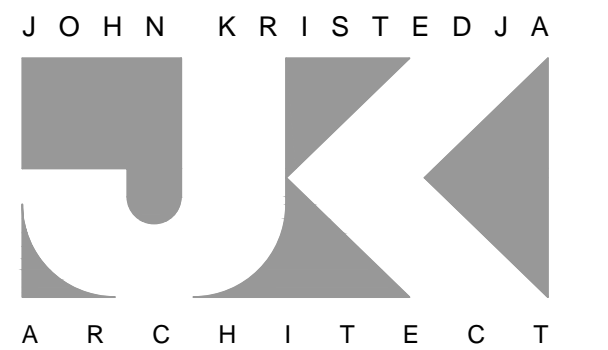


COUNTY FIRE STATION NO. 17 REMODEL

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726



ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F

ARCHITECT'S STAMP



PROJECT TEAM

OWNER

EL DORADO COUNTY FIRE PROTECTION DISTRICT
4040 CARSON RD.
CAMINO, CA 95709

GOVERNING AGENCY

EL DORADO COUNTY BUILDING DEPARTMENT

ARCHITECT

JOHN KRISTEDJA ARCHITECT
6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667
TEL: (916) 933-7633

ELECTRICAL ENGINEER

SACRAMENTO ENGINEERING CONSULTANTS
10555 OLD PLACERVILLE RD.
SACRAMENTO, CA 95827
TEL: (916) 368-4468

MECHANICAL / PLUMBING ENGINEER

SACRAMENTO ENGINEERING CONSULTANTS
10555 OLD PLACERVILLE RD.
SACRAMENTO, CA 95827
TEL: (916) 368-4468

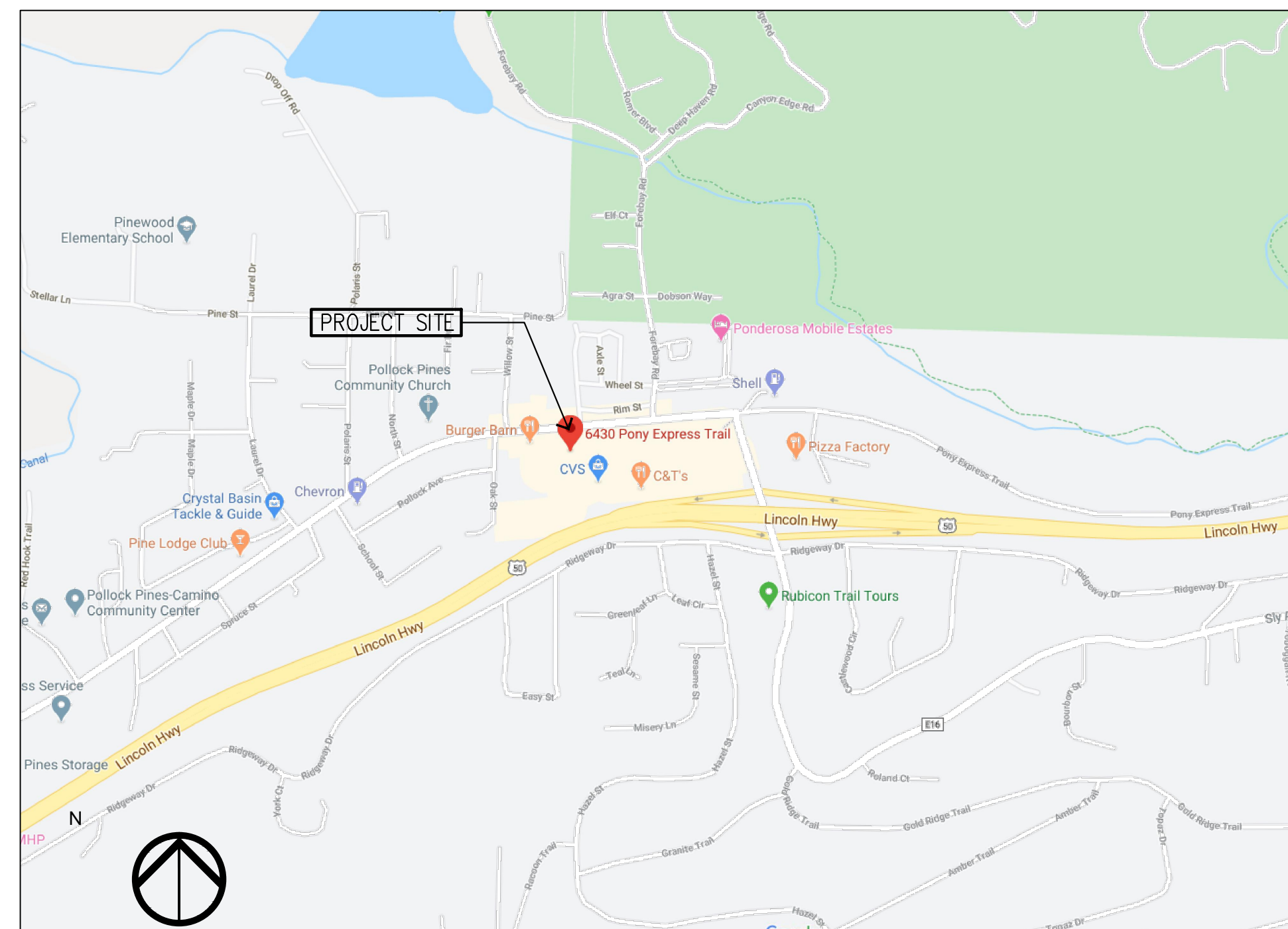
CONSTRUCTION MANAGER

AMERICAN RIVER CONSTRUCTION, INC.
5465 MERCHANT CIRCLE, SUITE 1
PLACERVILLE, CA 95667
TEL: (530) 621-1785

INSPECTOR OF RECORD

BPR CONSULTING GROUP LLC
2201 FRANCISCO DRIVE, SUITE 140-658
EL DORADO HILLS, CA 95762
TEL: (916) 204-3178

VICINITY MAP



SHEET INDEX

	ARCHITECTURAL DRAWINGS		
A0.1	TITLE SHEET		
A0.2	GENERAL NOTES, ABBREVIATIONS		
CR1	EXITING AND OCCUPANCY PLAN		
A1	SITE PLAN		
A2.1	DEMOLITION PLAN		
A2.2	TENANT IMPROVEMENT PLAN		
A2.3	EXTERIOR ELEVATIONS		
A3	REFLECTED CEILING PLAN		
A4.1	DOOR / WINDOW / FINISH SCHEDULE		
A4.2	EQUIPMENT / CASEWORK SCHEDULE		
A4.3	FINISH PLAN		
A5.1	SUSPENDED CEILING DETAILS AND NOTES		
A5.2	MISC. DETAILS		
	ELECTRICAL DRAWINGS		
E0.1	ELECT. ONE LINE DIAGRAM, LEGEND, SCHEDULES		
E0.2	GENERAL NOTES		
E0.3	CA TITLE 24 COMPLIANCE DOCS - INT. LIGHTING		
E1.1	LIGHTING PLAN		
E1.2	POWER AND SIGNAL PLAN		
	MECHANICAL DRAWINGS		
M1.0	MECHANICAL LEGEND, SCHEDULES, NOTES		
M2.0	MECHANICAL DEMO PLAN		
M2.1	MECHANICAL FLOOR PLAN		
T24	TITLE 24		
	PLUMBING DRAWINGS		
P1.0	PLUMBING LEGEND, SCHEDULES, NOTES		
P2.0	PLUMBING PLAN - WASTE AND VENT		
P2.1	PLUMBING PLAN - WATER AND GAS		

SCOPE OF WORK

THE WORK INVOLVES THE REMODEL OF AN EXISTING FIRE STATION. WORK TO INCLUDE DEMOLITION AND CONSTRUCTION OF NEW NON-BEARING INTERIOR WALLS FOR RE-CONFIGURED AREAS WITH NEW SUSPENDED CEILINGS. ALL LIGHTING AND HVAC CEILING FIXTURES WILL BE REPLACED WITH NEW FIXTURES AS WELL AS NEW RESTROOM AND KITCHEN PLUMBING FIXTURES. THE SITEWORK SCOPE INVOLVES RE-GRADING A PORTION OF THE PARKING AREA TO ACCOMMODATE A NEW ACCESSIBLE PARKING STALL AND ASSOCIATES PATH OF TRAVEL TO THE FRONT ENTRY.

SEPARATE PERMIT ITEMS

THE WORK LISTED BELOW REQUIRES SEPARATE PERMITS AND THE WORK SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR ENGINEER IN GENERAL RESPONSIBLE CHARGE OF DESIGN AND SIGNED BY A CALIFORNIA REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER WHO HAS BEEN DELEGATED RESPONSIBILITY COVERING THE WORK SHOWN ON A PARTICULAR PLAN OR SPECIFICATION AND APPROVED BY THE BUILDING DEPARTMENT.

NONE PROPOSED

APPLICABLE CODES

2016 CALIFORNIA BUILDING CODE
2016 CALIFORNIA MECHANICAL CODE
2016 CALIFORNIA PLUMBING CODE
2016 CALIFORNIA ELECTRICAL CODE
2016 CALIFORNIA ENERGY CODE
2016 CALIFORNIA FIRE CODE (CFC)
~~2016 CALIFORNIA GREEN BUILDING CODE~~
2016 CALIFORNIA ADMINISTRATIVE CODE

1

BUILDING ANALYSIS

BUILDING SUMMARY

EXISTING OCCUPANCY: B, S-1, R-2
PROPOSED OCCUPANCY: B, S-1, R-2
EXISTING USE: FIRE STATION
PROPOSED USE: FIRE STATION
CHANGE OF USE: NO
PROJECT AREA: B - 2,518 S.F.
S-1 - 2,400 S.F.
TOTAL OCCUPANTS: 72 OCC
EXITS PROVIDED: 2
CONSTRUCTION TYPE: VB
SPRINKLERS: NO
SEPARATED OCCUPANCIES: B, S-1 OCCUPANCIES - NO RATED SEPARATIONS ARE REQUIRED

1

SITE ACCESSIBILITY STATEMENT

SPECIAL INSPECTION

NONE PROPOSED

COUNTY
FIRE STATION NO. 17
REMODEL

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

TITLE SHEET

SUBMITTAL DATE

NO	DATE	REVISION
1	12/15/2020	PLAN CHECK CORRECTION 1
2		
3		
4		
5		
6		

DRAWN BY: JK CHECKED BY: JK

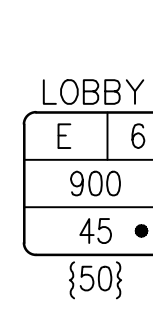
DATE: 07/28/2020 SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

A0.1

CODE ANALYSIS LEGEND



AREA IDENTITY/CODE ANALYSIS

LOBBY = ROOM NAME
 E = OCCUPANCY GROUP
 6 = SPACE USE - REF SPACE USE SCHEDULE
 900 = FLOOR AREA - SQUARE FEET
 45 = OCCUPANT LOAD (CBC TABLE 1004.1.2)
 • = OCCUPANT LOAD SIGN REQUIRED WHEN NOTED - SEC 1004.3 - REF SIGNAGE SCHEDULE. LOCATE A SIGN NEAR THE MAIN EXIT FROM THE ROOM.
 {50} = OCCUPANT LOAD PLUS ANCILLARY SPACE WHERE OCCURS
 ← PATH OF EGRESS - 120 = OCCUPANT LOAD

- ⊗ EXIT SIGN - REF ELEC
- Ⓟ PANIC HARDWARE DEVICE - REF DOOR SCHED AND HARDWARE GROUP
- (E) EXISTING
- X XR EXIT SIGNAGE WHERE APPLICABLE. X - EXIT, XR - EXIT ROUTE
- FE APPROVED FIRE EXTINGUISHER MINIMUM 2A:10B:C RATING, 5'-0" AFF. ALL FIRE EXTINGUISHERS ARE TO HAVE CURRENT STATE FIRE MARSHALL CERTIFICATION TAGS
- KB KNOX BOX, 3200 SERIES, 5'-0" AFF, PROVIDE KEYS WITH IDENTIFICATION TAGS - SEE SITE PLAN FOR LOCATION

PLUMBING FIXTURE CALCULATION

BUILDING OCCUPANCY	WATER CLOSETS		URINALS		LAVATORIES	
BUSINESS OCCUPANCY	MALE 1:1-100	FEMALE 1:1-100	MALE 0:1-200	MALE 1:1-200	FEMALE 1:1-200	

GENERAL NOTES

- OCCUPANT LOAD FACTORS ARE ACCORDING TO CBC SECTION 1004, TABLE NO. 1004.1.2
- ACCESSORY USE AREA EXCLUDED FROM OCCUPANT LOADING
- WHERE OCCUPANT LOAD SIGN IS REQUIRED THE ROOM SHALL BE POSTED WITH A SIGN NEAR THE MAIN EXIT FROM THE ROOM. REFER TO SIGNAGE SCHEDULE FOR DETAIL.

SPACE USE / OCCUPANT LOAD SCHEDULE

NO	SPACE USE	OCCUPANT LOAD FACTOR SF / OCCUPANT
1	ACCESSORY STORAGE AREAS, MECH. EQUIP. ROOM	300 GROSS
2	AGRICULTURAL BUILDING	300 GROSS
3	AIRCRAFT HANGERS	500 GROSS
4	AIRPORT TERMINAL	
4A	BAGGAGE CLAIM	20 GROSS
4B	BAGGAGE HANDLING	300 GROSS
4C	CONCOURSE	100 GROSS
4D	WAITING AREAS	15 GROSS
5	ASSEMBLY - GAMING FLOORS	11 GROSS
6	ASSEMBLY WITH FIXED SEATS	PER SECTION 1004.7
7	ASSEMBLY WITHOUT FIXED SEATS	
7A	CONCENTRATED (CHAIRS ONLY)	7 NET
7B	STANDING SPACE	5 NET
7C	UNCONCENTRATED (TABLES & CHAIRS)	15 NET
8	BOWLING CENTERS - ALLOW 5 PERSONS FOR EACH LANE INCLUDING 15 FEET OF RUNWAY, AND FOR ADDITIONAL AREAS	7 NET
9	BUSINESS AREAS	150 GROSS
10	COURTROOMS - OTHER THAN FIXED SEATING AREAS	40 NET
11	DAY CARE	35 NET
12	DORMITORIES	50 GROSS
13	EDUCATIONAL	
13A	CLASSROOM AREAS	20 NET
13B	SHOPS AND OTHER VOCATIONAL ROOM AREAS	50 NET
14	EXERCISE ROOMS	50 GROSS
15	H-5 FABRICATION AND MANUFACTURING AREAS	200 GROSS
16	INDUSTRIAL AREAS	100 GROSS
17	INSTITUTIONAL AREAS	
17A	INPATIENT TREATMENT AREAS	240 GROSS
17B	OUTPATIENT AREAS	100 GROSS
17C	SLEEPING AREAS	120 GROSS
18	KITCHEN - COMMERCIAL	200 GROSS
19	LIBRARY	
19A	READING ROOMS	50 NET
19B	STACK AREAS	100 GROSS
20	LOCKER ROOMS	50 GROSS
21	MERCANTILE	
21A	MAIN SALES AREA	60 GROSS
21C	STORAGE, STOCK, SHIPPING AREAS	300 GROSS
22	PARKING GARAGES	200 GROSS
23	RESIDENTIAL	200 GROSS
24	SKATING RINKS, SWIMMING POOLS	
24A	SKATING RINK AND POOL	50 GROSS
24B	DECKS	15 GROSS
25	STAGES AND PLATFORMS	15 NET
26	WAREHOUSES	500 GROSS

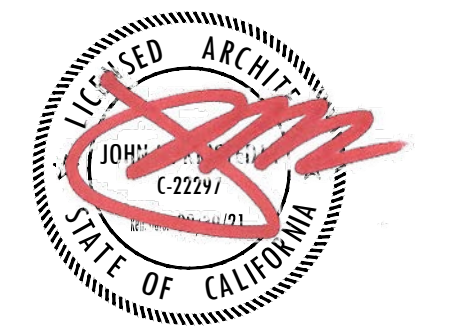


ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
 PLACERVILLE, CA 95667

(916) 933-7633 T
 (916) 933-7650 F

ARCHITECT'S STAMP



CONSULTANT

PROJECT NAME

COUNTY FIRE STATION NO. 17
 REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
 POLLOCK PINES, CA 95726

DRAWING NAME

OCCUPANCY AND
 EXITING ANALYSIS

SUBMITTAL

DATE

NO

DATE

REVISION

12/15/2020

PLANCHECK CORRECTION 1

DRAWN BY: JK

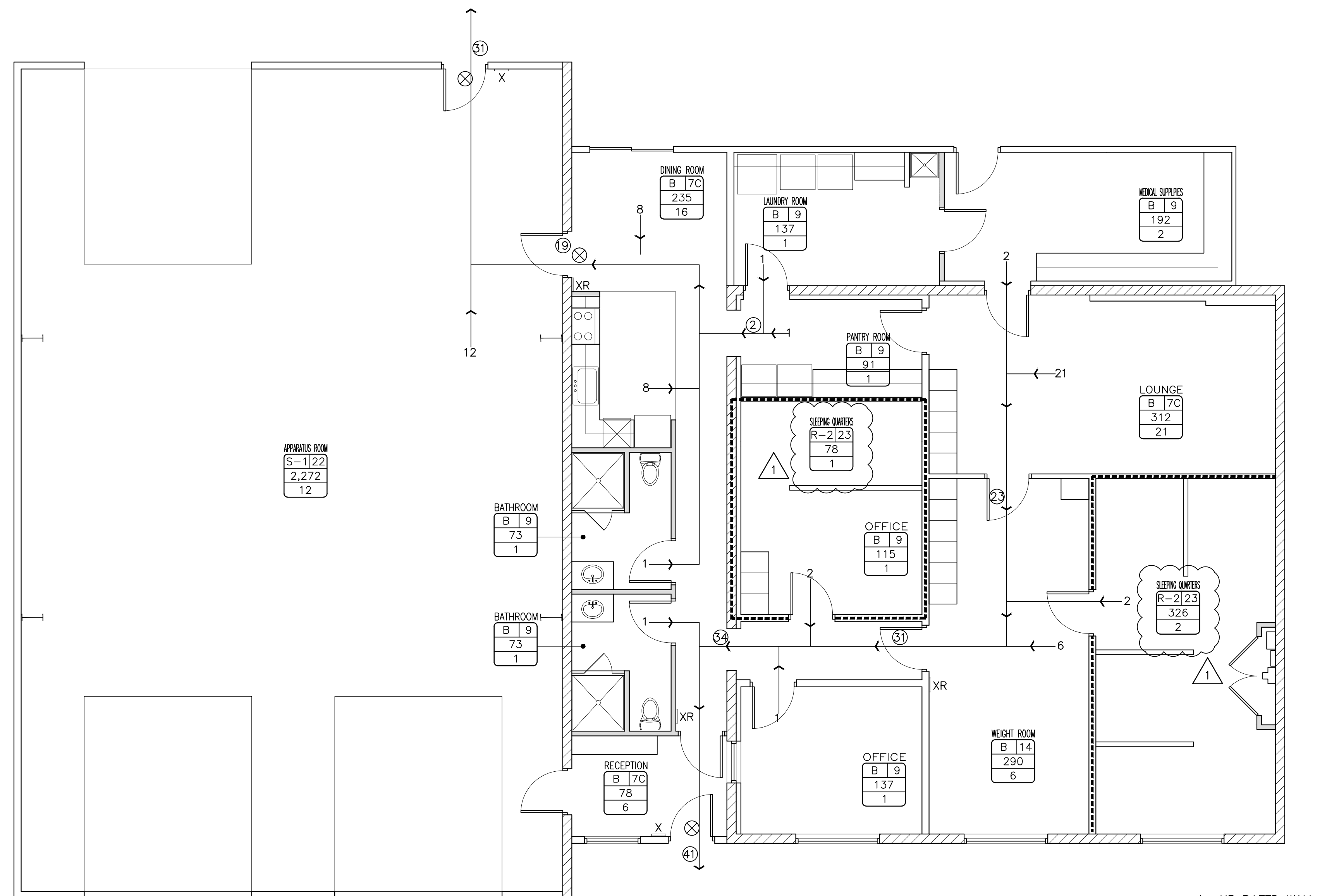
CHECKED BY: JK

DATE: 07/28/2020

SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:



1- HR RATED WALL
 TOTAL OCCUPANTS - 72

TOTAL BUILDING OCCUPANT LOAD: 72 OCCUPANTS

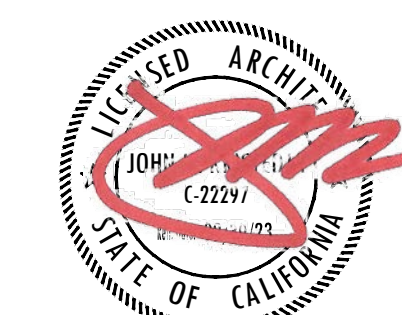
OCCUPANCY/EXITING FLOOR PLAN

3/16" = 1'-0" 1

TABLE 1004.5 - MAX OCC. LOADS

CR1

ARCHITECT'S STAMP



CONSULTANT

PROJECT NAME

COUNTY
 FIRE STATION NO. 17
 REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
 POLLOCK PINES, CA 95726

DRAWING NAME

SITE PLAN

SUBMITTAL

DATE

NO	DATE	REVISION
△		
△		
△		
△		
△		
△		

DRAWN BY: JK

CHECKED BY: JK

DATE: 07/28/2020

SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

A1

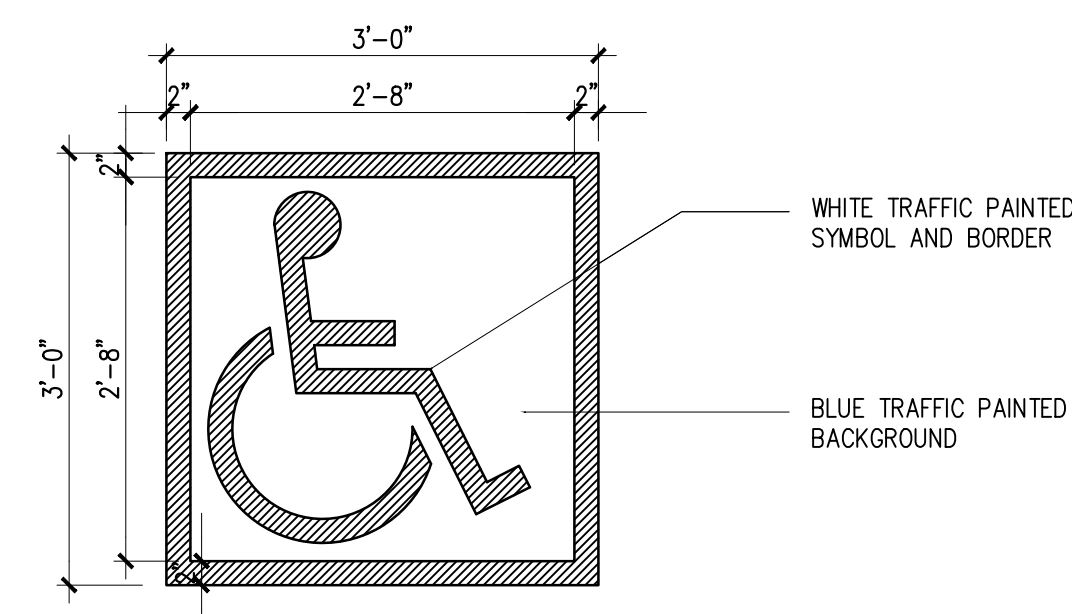
6

5 INTL. SYMBOL OF ACCESSIBILITY 3/4" = 1'-0"

4 ACCESSIBLE PARKING SIGN 1/2" = 1'-0"

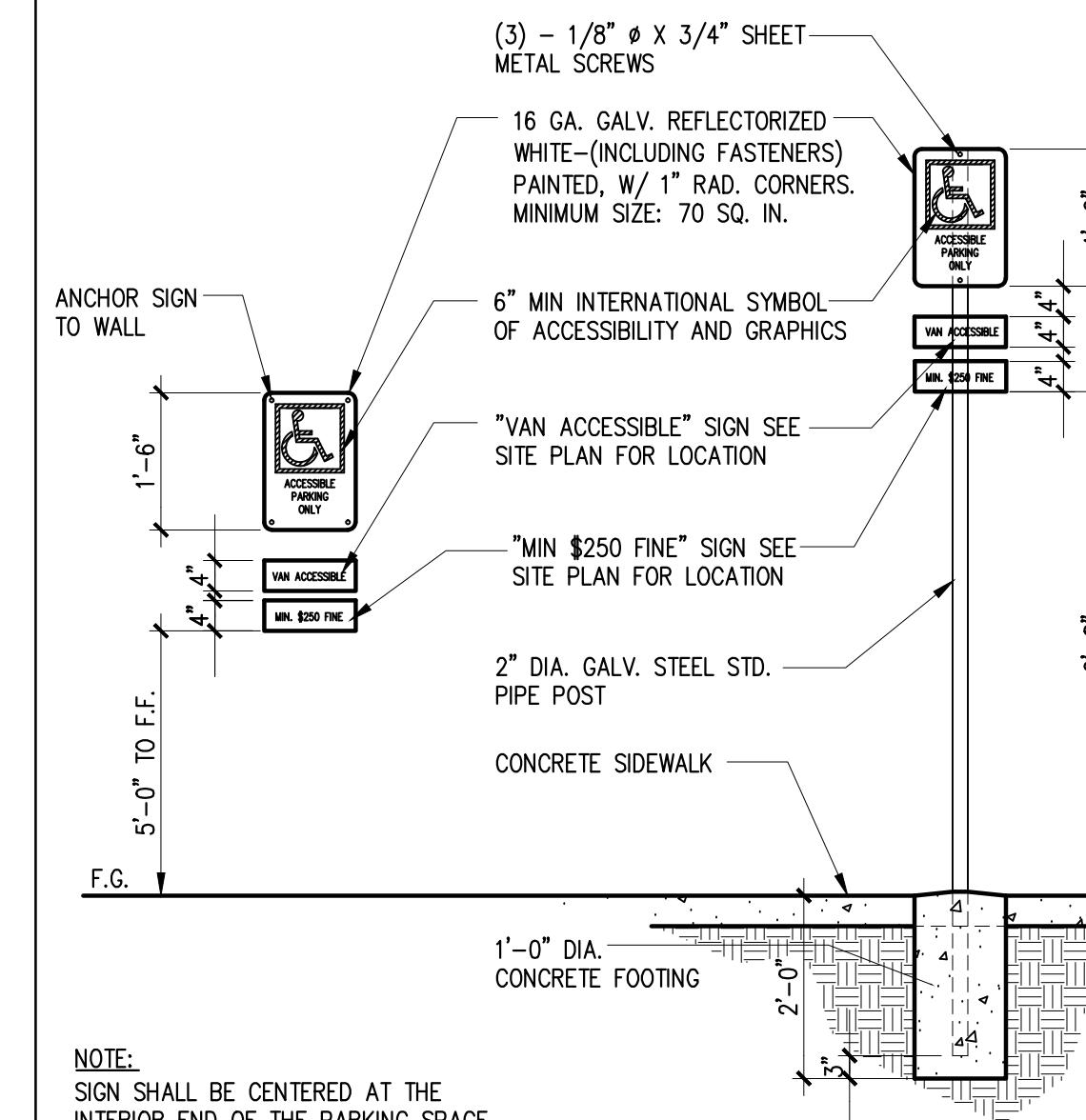
3 ENLARGED PARKING PLAN 1/8" = 1'-0"

2



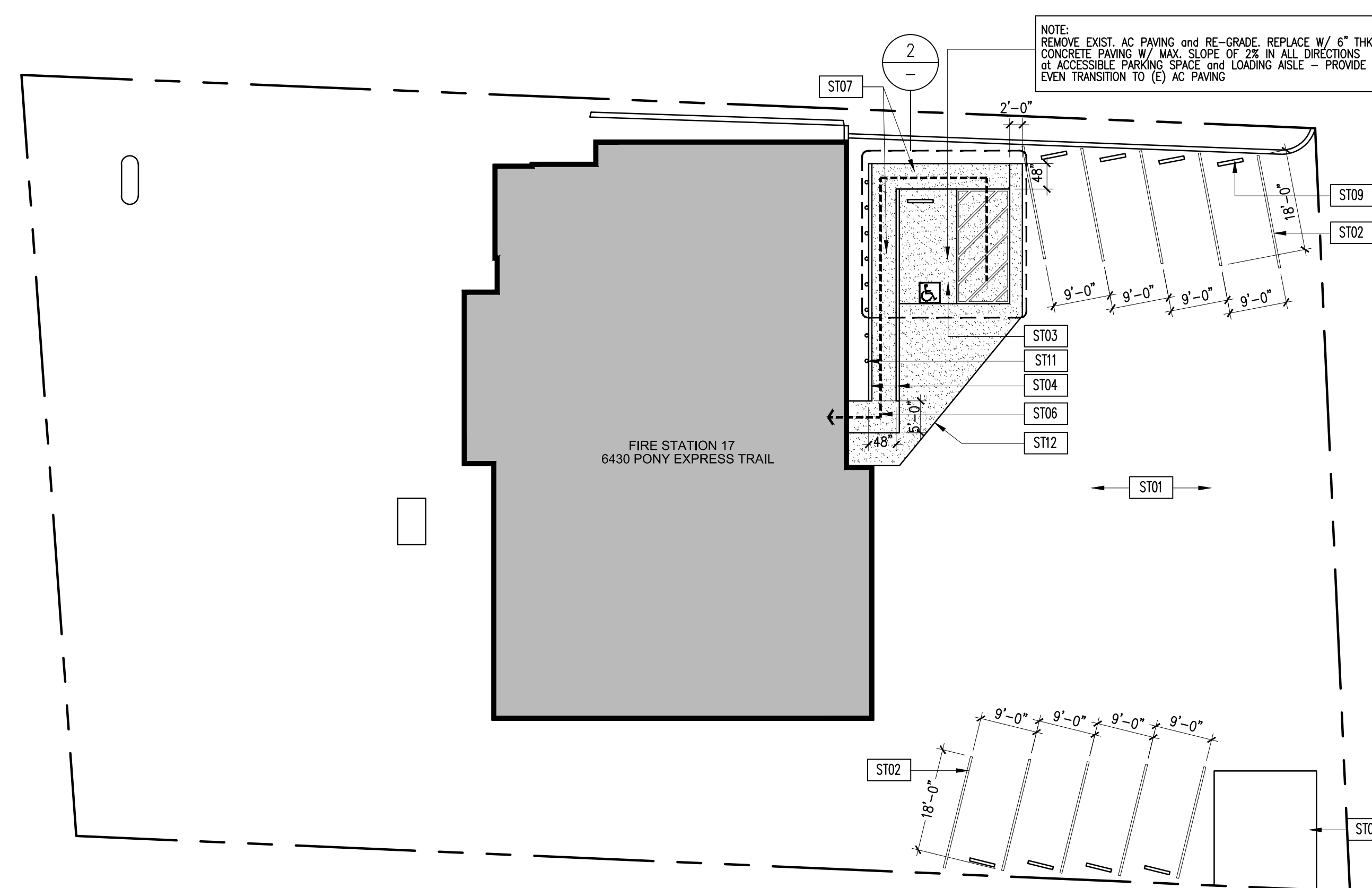
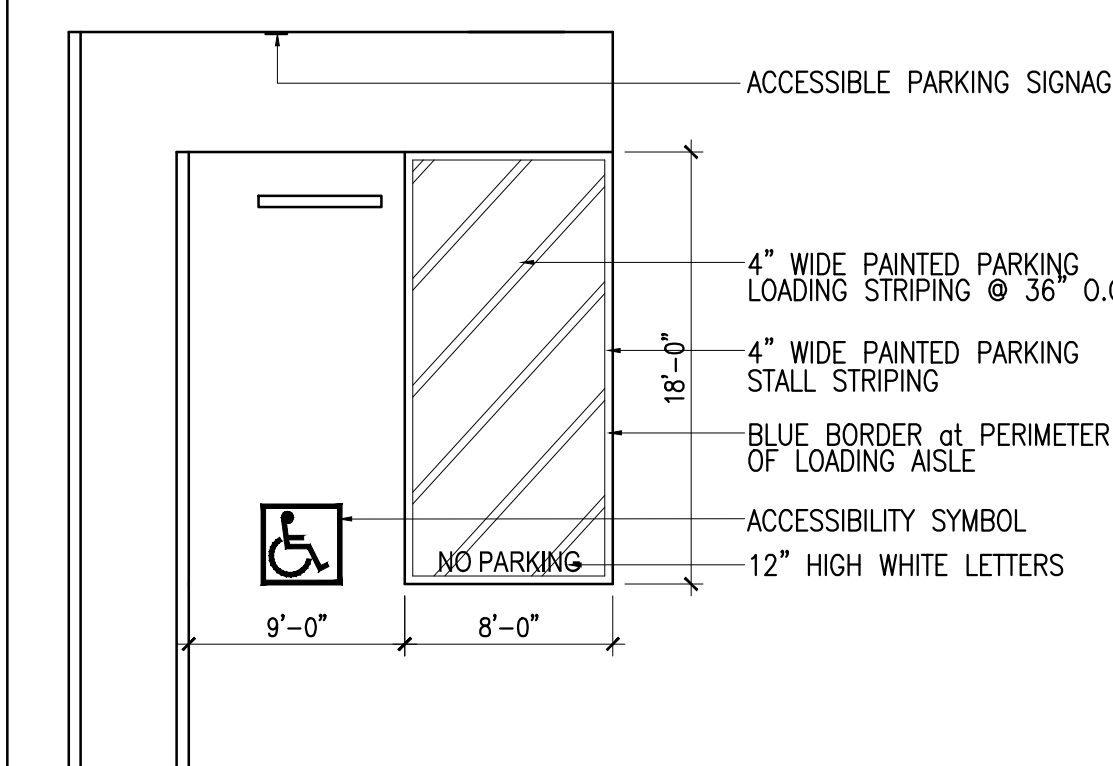
- NOTES:
1. ALL STROKES TO BE 2" WIDE
 2. PROVIDE TWO (2) COATS OF TRAFFIC PAINT BLUE
 3. LOCATE SYMBOL AT CENTER OF STALL WHERE SHOWN ON THE SITE PLAN

FILE/CSI NUMBER: 4412 REVISION DATE: 07/10/03 JOB NUMBER: 0420800

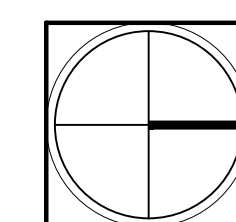


NOTE:
 SIGN SHALL BE CENTERED AT THE INTERIOR END OF THE PARKING SPACE.

FILE/CSI NUMBER: 8412 REVISION DATE: 07/10/03 JOB NUMBER: 0420800



PONY EXPRESS TRAIL



SITE PLAN KEYNOTES

- ST01 EXISTING A/C PAVED DRIVE AISLE
- ST02 NEW PARKING STALL STRIPING - TYP. U.N.O.
- ST03 NEW CONC. ACCESSIBLE PARKING STALL AND LOADING AISLE
- ST04 NEW 6" WIDE CONC. CURB at BOTH SIDES OF NEW SIDEWALK
- ST05 EXISTING LANDSCAPED AREA
- ST06 ACCESSIBLE PATH OF TRAVEL TO BUILDING ENTRANCE
- ST07 NEW CONCRETE SIDEWALK - MAX SLOPE 4% and 2% MAX. CROSS SLOPE
- ST08 EXISTING DRIVEWAY
- ST09 NEW CONCRETE WHEELSTOP
- ST10 EXISTING UNAUTHORIZED PARKING - TOW AWAY SIGNAGE at ENTRY DRIVE
- ST11 EXISTING CONC. FILLED BOLLARDS TO BE REMOVED
- ST12 EDGE OF NEW PAVING

GENERAL PATH OF TRAVEL NOTES

1. ACCESSIBLE PATH OF TRAVEL AS INDICATED IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/4" AT 1:2 MAX SLOPE, EXCEPT THAT LEVEL CHANGE DOES NOT EXCEED 1/2" VERTICAL. MAX. CROSS SLOPE IS 2% AND MAXIMUM SLOPE IN DIRECTION OF TRAVEL IS 5%
2. CONTRACTOR TO VERIFY THAT ALL BARRIERS IN PATH OF TRAVEL HAVE BEEN REMOVED PER 2019 CBC SECTION 11B-206
3. ACCESSIBLE PATH OF TRAVEL STRIPING SHALL BE 4" WIDE WHITE PARKING STRIPING SPACED AT 3' O.C.

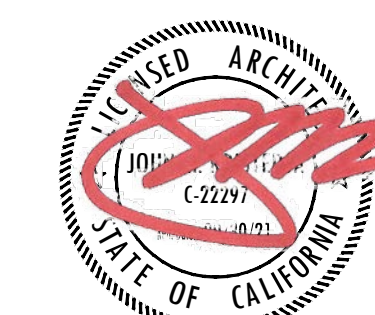
SITE PLAN

1" = 16'-0"

1

KEYNOTES / GENERAL NOTES

ARCHITECT'S STAMP



CONSULTANT

PROJECT NAME

COUNTY
 FIRE STATION NO. 17
 REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
 POLLOCK PINES, CA 95726

DRAWING NAME

DEMOLITION
 PLAN

SUBMITTAL

DATE

NO	DATE	REVISION
△		
△		
△		
△		
△		
△		

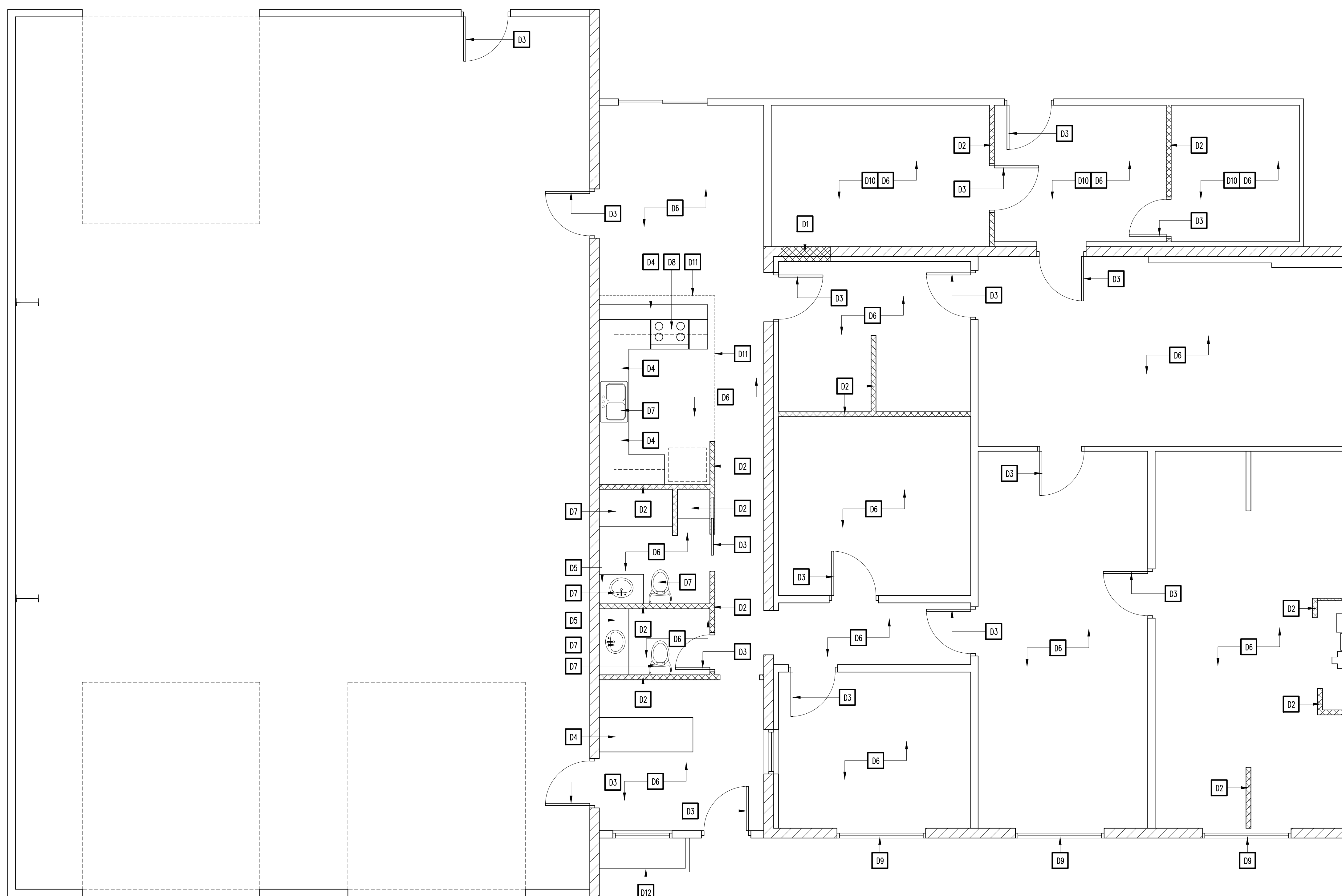
DRAWN BY: JK CHECKED BY: JK

DATE: 07/28/2020 SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

A2.1



DEMOLITION KEYNOTES

- D1 PORTION OF (E) WALL TO BE REMOVED FOR NEW OPENING
- D2 EXIST. INTERIOR WALL TO BE REMOVED
- D3 EXIST. DOOR / FRAMES TO BE REMOVED
- D4 EXIST. CASEWORK TO BE REMOVED
- D5 EXIST. LAVATORY COUNTER TO BE REMOVED
- D6 EXIST. FLOORING TO BE REMOVED
- D7 EXIST. PLUMBING FIXTURE TO BE REMOVED
- D8 EXIST. EQUIPMENT TO BE REMOVED
- D9 EXIST. WINDOW TO BE REMOVED
- D10 EXIST. FLOOR TO BE REMOVED ENTIRELY FOR PLACEMENT OF NEW CONCRETE FLOOR SLAB
- D11 EXIST. SOFFIT FRAMING TO BE REMOVED / RECONFIGURED FOR NEW SOFFIT
- D12 EXIST. PLANTER TO BE REMOVED

DEMOLITION PLAN

1/4" = 1'-0"

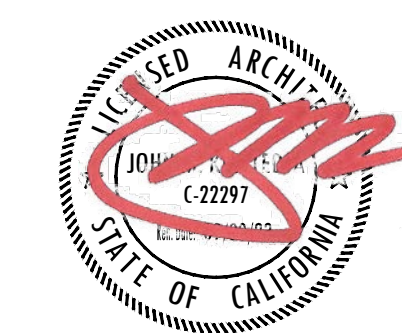
1

DEMOLITION GENERAL NOTES

1. CONTRACTOR TO NOTIFY ARCHITECT and OWNER IF MATERIALS CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED
2. CONFORM TO APPLICABLE REGULATORY PROCEDURES WHEN DISCOVERING HAZARDOUS OR CONTAMINATED MATERIALS
3. CONFORM TO APPLICABLE CODE FOR DEMOLITION OF STRUCTURES, SAFETY OF ADJACENT STRUCTURES, DUST CONTROL and DISPOSAL OF MATERIALS
4. NOTIFY AFFECTED UTILITY COMPANIES BEFORE STARTING WORK and COMPLY WITH THEIR REQUIREMENTS
5. DEMOLISH EXISTING WORK IN AN ORDERLY AND CAREFUL MANNER AS REQ'D TO ACCOMMODATE NEW WORK, PREVENT MOVEMENT OR SETTLEMENT OF STRUCT. PROVIDE BRACING AND / OR SHORING AS REQUIRED TO MAINTAIN SAFETY
6. COORDINATE ALL DEMOLITION WORK WITH OWNER AS NECESSARY
7. GENERAL CONTRACTOR TO NOTIFY OWNER REPRESENTATIVE AND ARCHITECT OF ANY DISCREPANCIES OR IRREGULARITIES DISCOVERED DURING CONSTRUCTION
8. GENERAL CONTRACTOR TO COORDINATE WITH OWNER SCHEDULE AND TIMING OF DEMOLITION WORK. CONTRACTOR TO PROVIDE AND INSTALL ALL TEMPORARY MEANS OF EGRESS, TEMPORARY LIGHTING AND SAFETY DEVICES IN ACCORDANCE WITH STATE AND LOCAL CODES
9. CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING (E) FLOOR SLAB AND WALLS AFTER COMPLETION OF DEMOLITION AND PRIOR TO THE COMMENCEMENT OF NEW CONSTRUCTION
10. CONTRACTOR IS TO PATCH, REPAIR AND LEVEL (E) FLOOR SLAB TO RECEIVE NEW WORK AND INFORM OWNER'S REPRESENTATIVE OF ANY IRREGULARITIES
11. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE FIRE RATING AND INTEGRITY OF EXISTING WALLS AND CEILINGS
12. ALL FIREPROOFING AT STRUCTURAL ELEMENTS SHALL REMAIN U.N.O. ANY FIREPROOFING REMOVED AND/OR DAMAGED DURING THE COURSE OF DEMOLITION AND SUBSEQUENT CONSTRUCTION SHALL BE REPLACED WITH THE SAME MATERIALS AND RATING AS THAT WHICH WAS REMOVED AT THE CONTRACTOR'S EXPENSE
13. CONTRACTOR SHALL REMOVE ALL (E) FLOOR COVERING AND/OR FINISHES, UNDERLAYMENT, GLUE AND ANY OTHER ADHESIVE AND SHALL PREPARE THE FLOOR SLAB FOR THE NEW FLOOR FINISHES OR COVERINGS AS SPECIFIED BY THE MANUFACTURER
14. CONTRACTOR SHALL COORDINATE ALL MECHANICAL, ELECTRICAL AND PLUMBING DEMOLITION WORK WITH PLANS PRIOR TO THE COMMENCEMENT OF ANY WORK AND COORDINATE HIS WORK WITH THE GENERAL CONTRACTOR AND OTHER SUB-CONTRACTORS AS NECESSARY
15. ALL MECHANICAL, ELECTRICAL AND PLUMBING FIXTURES, EQUIPMENT AND/OR DEVICES SCHEDULED TO BE REMOVED SHALL BE DISCONNECTED AT THE SOURCE UNLESS NOTED OR DIRECTED OTHERWISE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL AND PLUMBING PLANS
16. ALL (E) DUCTWORK ARE TO BE REMOVED BACK TO THE PLENUM U.N.O. ON THE MECHANICAL PLANS. ALL ABANDONED HVAC EQUIPMENT AND DUCTWORK SHALL BE REMOVED
17. CONTRACTOR TO COORDINATE THE REMOVAL, DISCONNECTION AND/OR CAPPING OF ANY UTILITIES WITH OWNER AS NECESSARY. ALL UNDER-SLAB UTILITY LINES TO BE CUT, CAPPED AND SEALED PER STATE AND LOCAL CODES
18. ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL (E) ELECTRICAL AND TELEPHONE OUTLETS AND ALL ASSOCIATED WIRES IN WALLS SCHEDULED TO BE REMOVED AND TERMINATED AT THE LAST OUTLET THAT REMAINS IN SERVICE
19. ALL EMPTY OR ABANDONED CONDUIT AND JUNCTION BOXES TO BE REMOVED BACK TO ITS SOURCE
20. REMOVAL AND CAPPING OF PLUMBING FIXTURES TO BE COORDINATED PER PLAN AND WITH GENERAL CONTRACTOR TO MAINTAIN REQUIRED MINIMUM USAGE DURING CONSTRUCTION (WHEN APPLICABLE)

GENERAL DEMOLITION NOTES

ARCHITECT'S STAMP



CONSULTANT

PROJECT NAME

COUNTY
 FIRE STATION NO. 17
 REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
 POLLOCK PINES, CA 95726

DRAWING NAME

FLOOR PLAN

SUBMITTAL

DATE

NO DATE REVISION

NO	DATE	REVISION

DRAWN BY: JK

CHECKED BY: JK

DATE: 07/28/2020

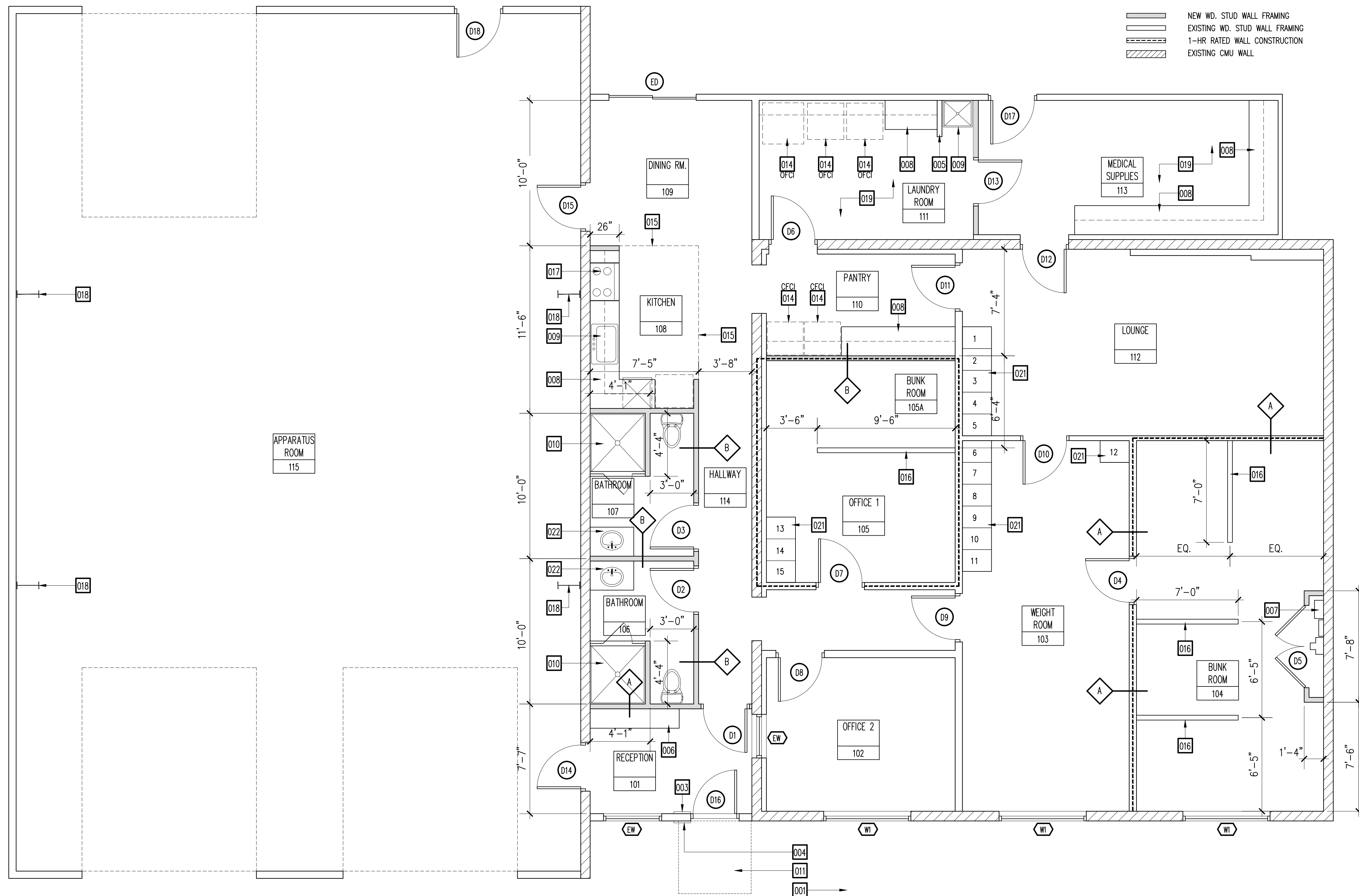
SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

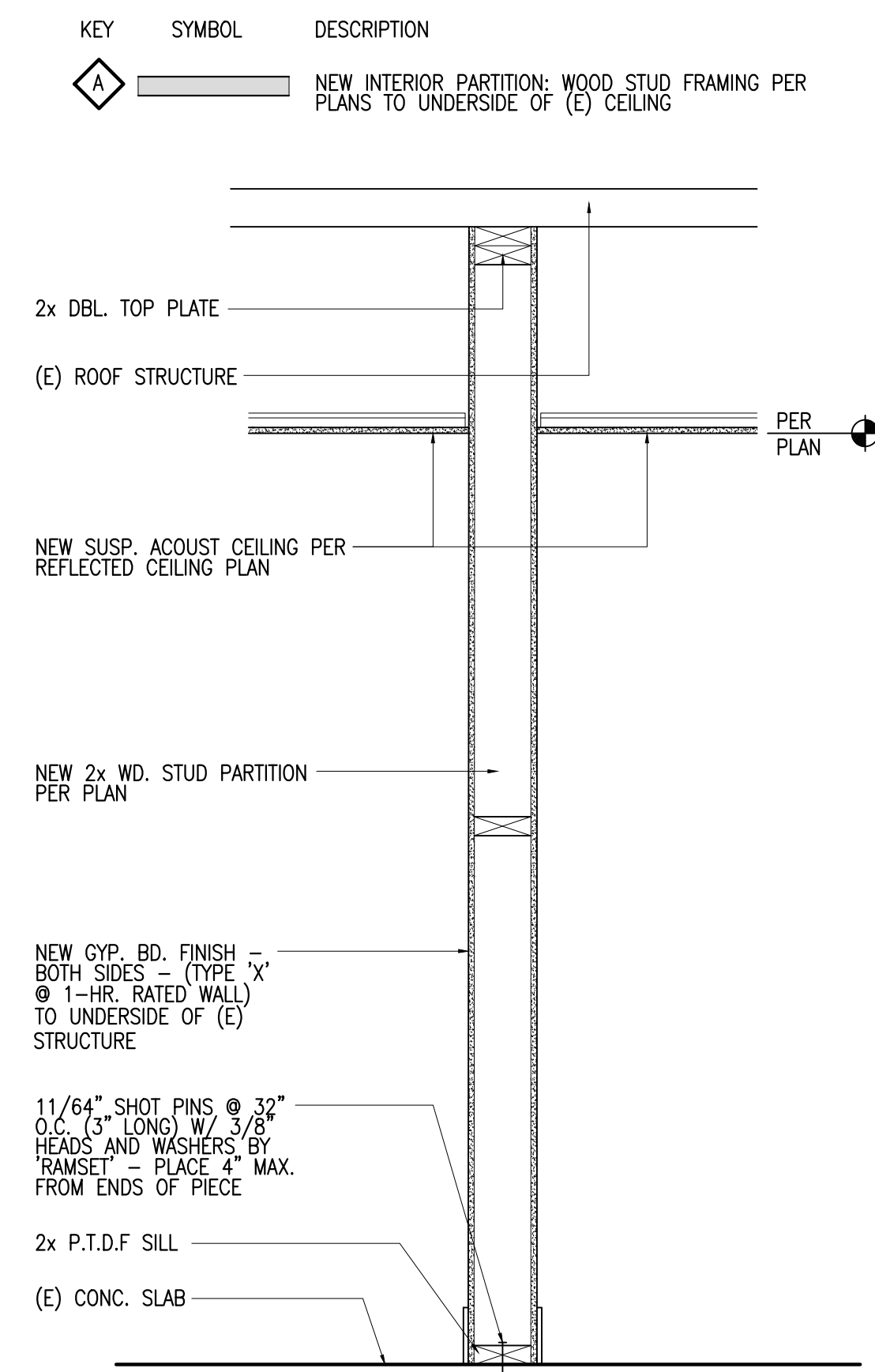
A2.2

- KEYNOTES
- 001 EXIST. SIDEWALK
 - 002 TACTILE "EXIT ROUTE" SIGNAGE
 - 003 TACTILE "EXIT" SIGNAGE
 - 004 ACCESSIBLE BUILDING ENTRANCE SIGNAGE
 - 005 NEW 42" HIGH PONY WALL W/ WD. CAP
 - 006 PLAST. LAM. COUNTER @ +34"
 - 007 (E) ELECTRICAL PANELS
 - 008 PLAST. LAM. CASEWORK
 - 009 PLUMBING FIXTURE PER PLUMBING DWGS.
 - 010 NEW PRE-FAB SHOWER W/TEMP. GLASS DOOR
 - 011 60"x60" CLEAR LEVEL LANDING at DOOR
 - 012 48"x48" CLEAR LEVEL LANDING at DOOR
 - 013 (E) PLANTER
 - 014 OUTLINE OF EQUIPMENT
 - 015 LINE OF NEW OVERHEAD SOFFIT / CEILING ABOVE - REMOVE EXISTING SOFFIT
 - 016 2X4 WD. STUD PARTITION WALL @ 7'-0" HIGH
 - 017 ELECTRIC OVEN W/GAS OR PROPANE COOKTOP
 - 018 (E) STRUCTURAL STEEL FOR METAL BUILDING
 - 019 INFILL FLOOR W/ 2" PEA GRAVEL MIX TO LEVEL FLOOR
 - 020 NOT USED
 - 021 SINGLE TIER LOCKERS - SALSURY 18-21000 SERIES 18"x24" SINGLE TIER LOCKERS (15 TOTAL) W/ FLAT TOP - ANCHOR TO WALL AS REQUIRED
 - 022 BATHROOM VANITY W/ PLAST. LAM. COUNTERTOP
- NEW WD. STUD WALL FRAMING
 - EXISTING WD. STUD WALL FRAMING
 - 1-HR RATED WALL CONSTRUCTION
 - EXISTING CMU WALL



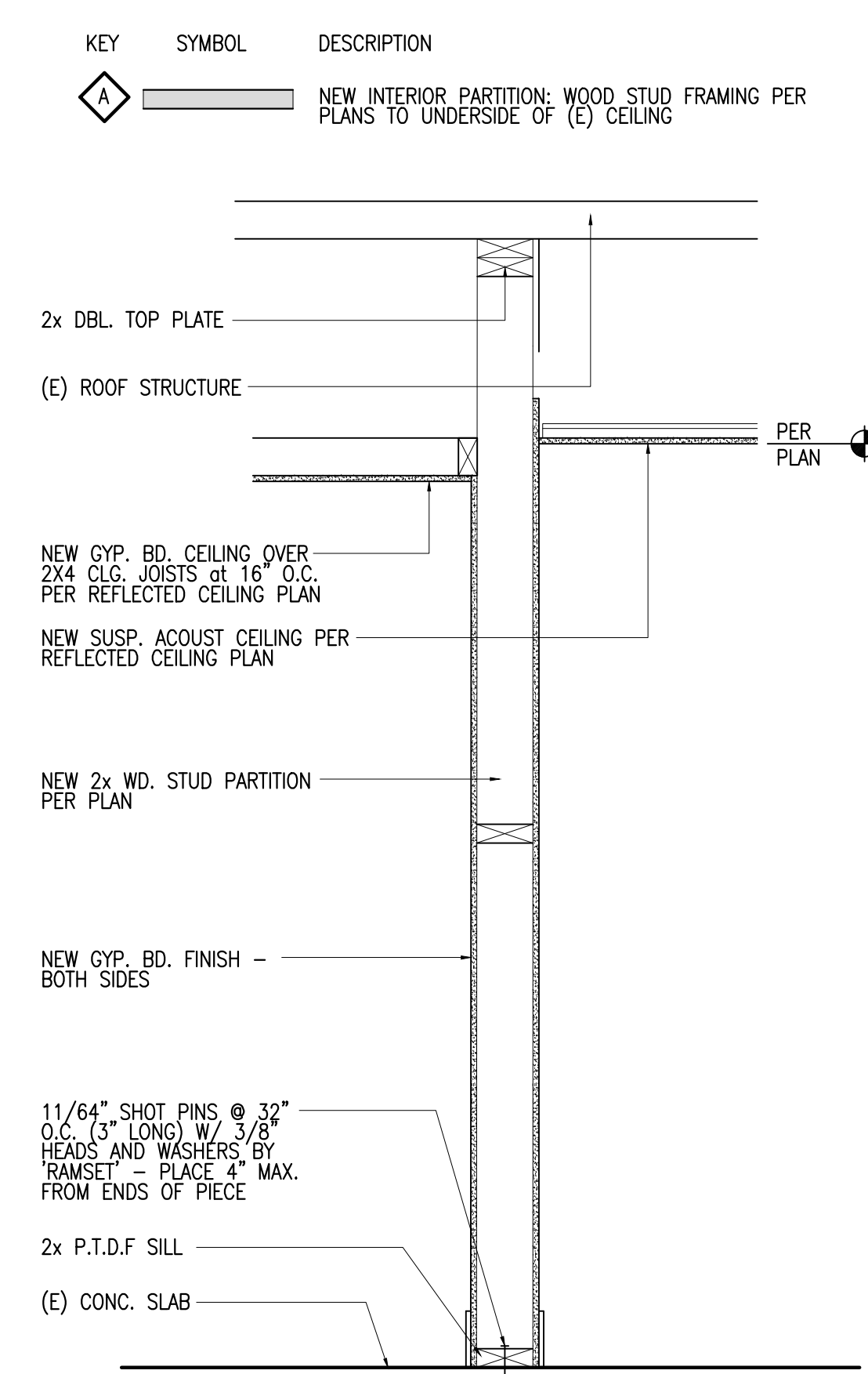
REMODEL FLOOR PLAN

1/4" = 1'-0" 1



WD. STUD INTERIOR PARTITION

WALL SECTION 1/4" = 1'-0" 2



WD. STUD INTERIOR PARTITION

WALL SECTION 1/4" = 1'-0" 3

- KEYNOTES
- 1 EXIST. SHT. MTL. FLASHING TO BE REPAINTED
 - 2 EXISTING WD. FASCIA - REPAIR AS NEEDED
 - 3 EXISTING ROOF CORBELS
 - 4 1X4 HARDIE TRIM - WRAP AROUND CORNER
 - 5 1X4 HARDIE WINDOW SURROUND
 - 6 HARDIEPLANK CEMENTITIOUS HORIZONTAL BOARDS
 - 7 CULTURED STONE COUNTRY LEDGESTONE VENEER OVER MORTAR BED
 - 8 PRE-CAST STONE VENEER CAP
 - 9 WINDOW PER SCHEDULE
 - 10 DOOR PER SCHEDULE
 - 11 EXISTING METAL PANEL SIDING - REPAIR OR REPLACE ANY DAMAGED SECTIONS - REPAINT IN ITS ENTIRETY

ARCHITECT'S STAMP



CONSULTANT

PROJECT NAME

COUNTY
 FIRE STATION NO. 17
 REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
 POLLOCK PINES, CA 95726

DRAWING NAME

EXTERIOR ELEVATIONS

SUBMITTAL DATE

NO DATE REVISION

NO	DATE	REVISION
△		
△		
△		
△		
△		
△		

DRAWN BY: JK

CHECKED BY: JK

DATE: 07/28/2020

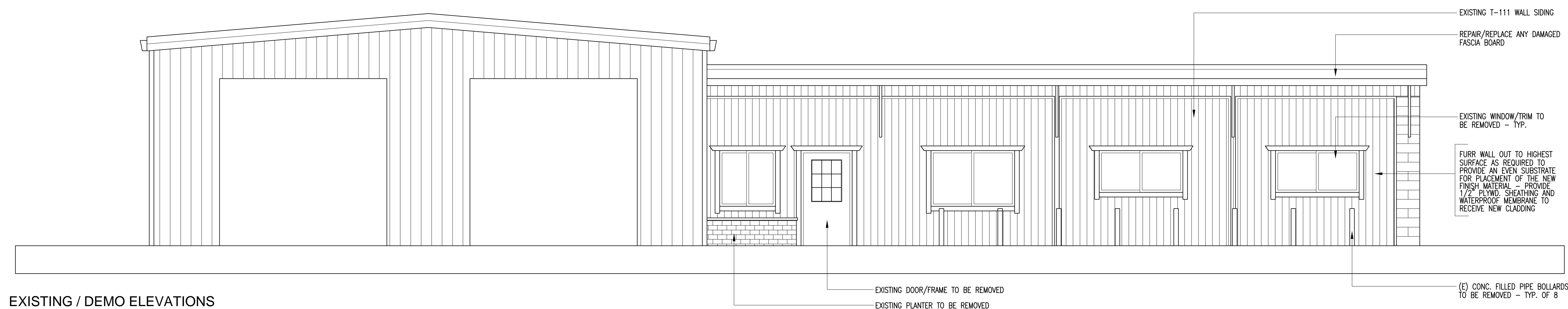
SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

A2.3

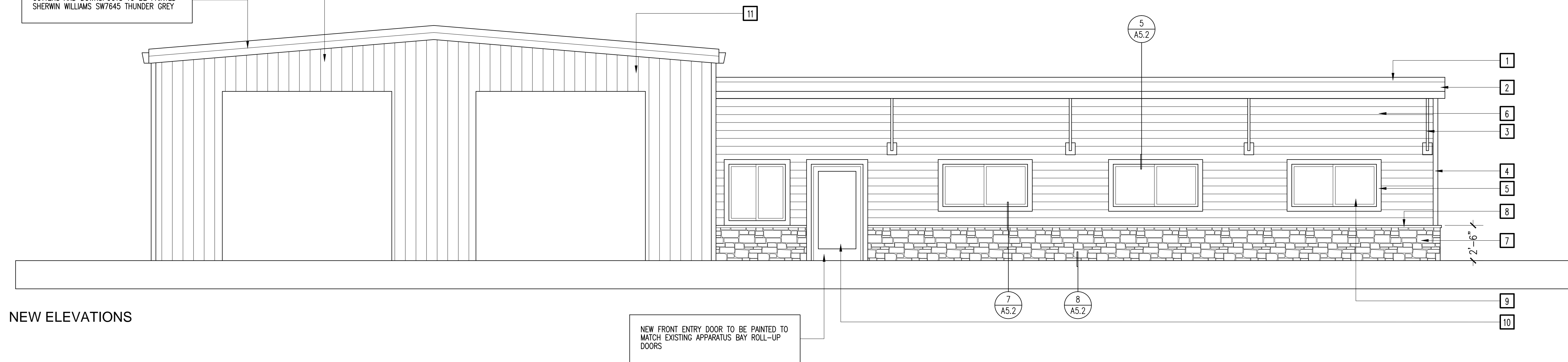
KEYNOTES



EXISTING / DEMO ELEVATIONS

PAINT COLOR TBD ONCE SAMPLE IS OBTAINED FOR "CULTURED STONE COUNTRY LEDGESTONE VENEER"

ALL FLASHING, TRIM, EXTERIOR DOOR FRAMES, GUTTERS AND DOWNSPOUTS TO BE PAINTED SHERWIN WILLIAMS SW7645 THUNDER GREY



NEW ELEVATIONS

EXTERIOR ELEVATIONS

1/4" = 1'-0"

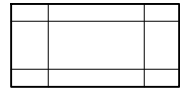

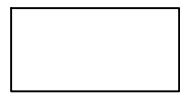
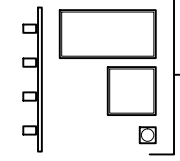
1

GENERAL REFLECTED CEILING PLAN NOTES

- A) ALL CEILING HEIGHTS INDICATED ON PLANS ARE FROM TOP OF FINISH FLOOR TO UNDERSIDE OF FINISH CEILING U.N.O.
- B) PROVIDE ADEQUATE CLEARANCES FOR DUCTS AND RELATED APPURTENANT ITEMS NECESSARY TO MAINTAIN THE SPECIFIED CEILING HEIGHT ABOVE THE FINISH FLOOR FOR LIGHT FIXTURES.
- C) SEE ELECTRICAL DRAWINGS FOR FIXTURE MODEL NUMBER AND QUANTITIES.
- D) PROVIDE HANGER AND SAFETY WIRE FOR LIGHT FIXTURES, SPEAKERS AND AIR SUPPLY/RETURN DIFFUSERS (AS REQUIRED)

- E) SEE MECHANICAL DRAWINGS FOR DIFFUSER LOCATIONS. ARCHITECTURAL DRAWINGS DETERMINE LUMINARIE LOCATION AND OTHER ARCHITECTURAL ITEMS AND SUPERCEDE ALL OTHER CEILING APPURTENANCES.
- F) PREP AND PAINT EXPOSED CEILING, DECK, DUCTS, PIPING, ETC., (PER MANUFACTURES SPECIFICATIONS)
- G) IT IS THE CONTRACTORS RESPONSIBILITY TO AIM SPOT LIGHTS PER OWNERS DIRECTION. (APPROXIMATE HEIGHT FOR HOT SPOT AT 72")
- H) ALL ELEMENTS SUSPENDED FROM THE DECK THAT OVERHANGS A PEDESTRIANS WAY SHALL BE A MINIMUM OF 80" ABOVE THE WALKING SURFACE AS MEASURED FROM THE BOTTOM OF THE OBSTRUCTION PER 2016 C.B.C. SECTION 11B-307.4

CEILING LEGEND

-  NEW 2X4 SUSPENDED ACOUSTIC CEILING GRIDS W/ NEW TILES
-  NEW GYP. BD. CEILING
-  EXISTING GYP. BD. CEILING
-  ELECT. FIXTURES PER ELECT. PLAN

KEYNOTES

- ① NEW HVAC DIFFUSER PER MECH. DRAWINGS - TYP.
- ② NEW LIGHT FIXTURES PER ELECT. DRAWINGS - TYP.
- ③ EXTEND EXISTING SOFFIT

REFLECTED CEILING NOTES

CEILING LEGEND

KEYNOTES



ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F

ARCHITECT'S STAMP



CONSULTANT

PROJECT NAME

COUNTY
FIRE STATION NO. 17
REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

DRAWING NAME

REFLECTED
CEILING PLAN

SUBMITTAL

DATE

NO DATE REVISION

NO	DATE	REVISION

DRAWN BY: JK

CHECKED BY: JK

DATE: 07/28/2020

SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

REFLECTED CEILING PLAN

1/4" = 1'-0"

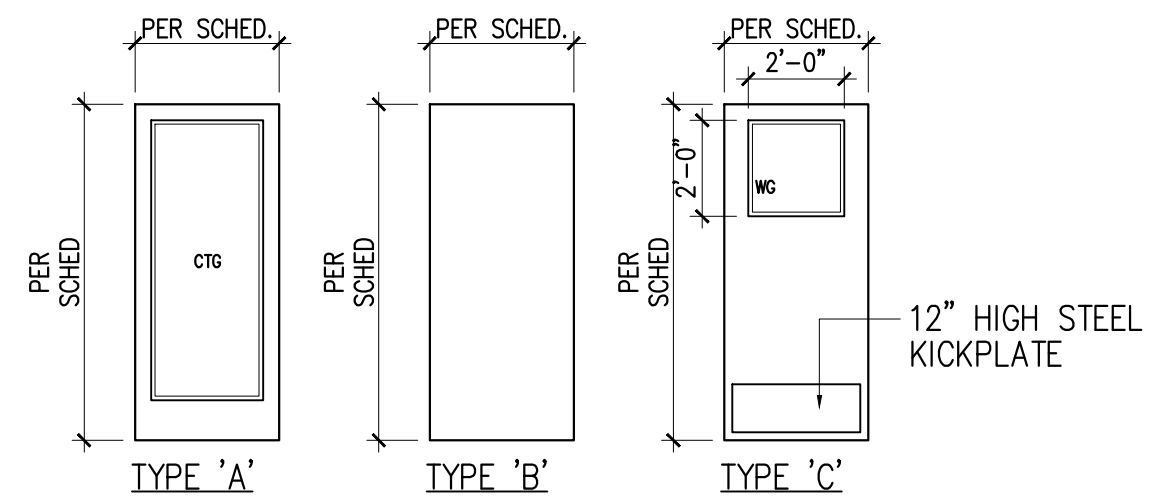
1

A3

DOOR AND FRAME SCHEDULE

#	DOOR										HARDWARE					FRAME				REMARKS		
	NOMINAL SIZE			M'TL	TYPE	GLASS	FINISH	LABEL	ROOM ID	CLOSER	PANIC	LEVER	LATCH	LOCK	GROUP	M'TL	FINISH	DET. NO. ON SHT. A-5.2				
	WIDTH	HT	THK															JAMB	JAMB		HEAD	THR
	DOOR MARK																					
D1	3'-0"	6'-8"	1-3/4"	SCW	C		PT				●	●		1	TM	PT	1	1	1			
D2	3'-0"	6'-8"	1-3/4"	SCW	B		PT				●	●	●	2	TM	PT	1	1	1			
D3	3'-0"	6'-8"	1-3/4"	SCW	B		PT				●	●	●	2	TM	PT	1	1	1			
D4	3'-0"	6'-8"	1-3/4"	SCW	B		PT	45M	●		●	●	●	3	TM	PT	1	1	1			
D5	3'-0"	6'-8"	1-3/4"	SCW	B		PT				●	●		1	TM	PT	1	1	1	PAIR		
D6	3'-0"	6'-8"	1-3/4"	SCW	B		PT				●	●		1	TM	PT	2	2	2	IN NEW CMU WALL OPENING		
D7	3'-0"	6'-8"	1-3/4"	SCW	B		PT	45M	●		●	●	●	3	TM	PT	1	1	1			
D8	3'-0"	6'-8"	1-3/4"	SCW	B		PT				●	●		1	TM	PT	1	1	1			
D9	3'-0"	6'-8"	1-3/4"	SCW	B		PT				●	●		1	TM	PT	1	1	1			
D10	3'-0"	6'-8"	1-3/4"	SCW	B		PT				●	●		1	TM	PT	1	1	1			
D11	3'-0"	6'-8"	1-3/4"	SCW	B		PT				●	●		1	TM	PT	1	1	1			
D12	3'-0"	6'-8"	1-3/4"	SCW	B		PT				●	●	●	4	TM	PT	2	2	2	IN (E) CMU WALL OPENING		
D13	3'-0"	6'-8"	1-3/4"	SCW	B		PT				●	●	●	4	TM	PT	1	1	1			
D14	3'-0"	6'-8"	1-3/4"	HM	C	WG	PT	45M	●	●	●	●	●	5	TM	PT	2	2	2	4	KICKPLATE	
D15	3'-0"	6'-8"	1-3/4"	HM	C	WG	PT	45M	●	●	●	●	●	5	TM	PT	2	2	2	4	KICKPLATE	
D16	3'-0"	6'-8"	1-3/4"	HM	A	CT	PT				●	●	●	6	HM	PT	3	3	3	4	EXTERIOR - RE-USE (E) KEY PAD / LEVER	
D17	3'-0"	6'-8"	1-3/4"	HM	B		PT				●	●	●	7	HM	PT	3	3	3	4	EXTERIOR	
D18	3'-0"	6'-8"	1-3/4"	HM	B		PT				●	●	●	7	HM	PT	6	6	6		EXTERIOR	
ED																					EXISTING DOOR TO REMAIN	

DOOR TYPES



ABBREVIATION	MEANING	REMARKS
HM (TYPE 'A' DOOR)	HOLLOW METAL DOOR	STEELCRAFT 'L' SERIES 16 GA. COLD ROLLED STEEL DOORS
HM (TYPE 'B' DOOR)	HOLLOW METAL DOOR	JELD-WEN CRAFTSMAN FLAT PANEL CRANBERRY STEEL FRONT DOOR SLAB, MODEL #THDUW236100057, SHOP PRIMED
SCW (TYPE 'B' DOOR)	SOLID CORE WOOD	DOORMERICA - CRAFTSMAN, MILLENNIUM COLLECTION, OVATION SERIES 7618, NO STICKING WITH FLAT PANEL, PAINT GRADE, SHOP PRIMED (NOTE THIS DOOR COMES IN 20 MIN & 90 MIN FIRE RATED CONSTRUCTION. USE MINIMUM RATINGS TO MEET CODE REQUIREMENT AT EACH LOCATION.) LOCAL DOORMERICA REPRESENTATIVE: 951-316-3674.
SCW (TYPE 'C' DOOR)	SOLID CORE WOOD	SLAB FIRE RATED DOOR WITH 24" X 24" VISION-LITE, KICKPLATE, DOOR PAINT GRADE, SHOP PRIMED
WVG	SAFETY WIRE GLAZING	24" X 24" 45 MIN FIRE-RATED SAFETY WIRE GLASS
CT	CLEAR TEMPERED SAFETY GLAZING	CLEAR TEMPERED SAFETY GLAZING, SIZED TO FIT IN DOOR
PT (DOORS)	PAINTED DOOR	PAINT DOOR, LION PAINT BOTH SIDES, SHERWIN-WILLIAMS, SW 7008 ALABASTER (255-C2), SEMI-GLOSS, AS REQUIRED TO COVER FULLY; MIN 2 COATS EXCEPTIONS: D16, D17, & D18: PAINT EXT SIDE TO MATCH EXISTING ROLL-UP DOORS; PAINT INT SIDE SHERWIN-WILLIAMS, SW 7008 ALABASTER (255-C2), SEMI-GLOSS, AS REQUIRED TO COVER FULLY; MIN 2 COATS
TM	TIMELY FRAME	TIMELY FRAME, SIZED TO FIT OPENING
HM (FRAME)	HOLLOW METAL FRAME	HOLLOW METAL FRAME, SIZED TO FIT OPENING
PT (FRAMES)	PAINTED FRAME	PAINT FRAME, LION PAINT BOTH SIDES, SHERWIN-WILLIAMS, SW 7008 ALABASTER (255-C2), SEMI-GLOSS, AS REQUIRED TO COVER FULLY; MIN 2 COATS EXCEPTIONS: D16, D17, & D18: PAINT EXT SIDE SHERWIN-WILLIAMS, SW 7008 ALABASTER (255-C2), BOTH SIDES SEMI-GLOSS, AS REQUIRED TO COVER FULLY; MIN 2 COATS
THR	THRESHOLD	THRESHOLD, ASSA A BLOY GROUP, PEMKO COMMERCIAL THRESHOLDS, SATIN NICKEL OR SIMILAR, IN APPROPRIATE PROFILE FOR APPLICATION

ROOM FINISH SCHEDULE

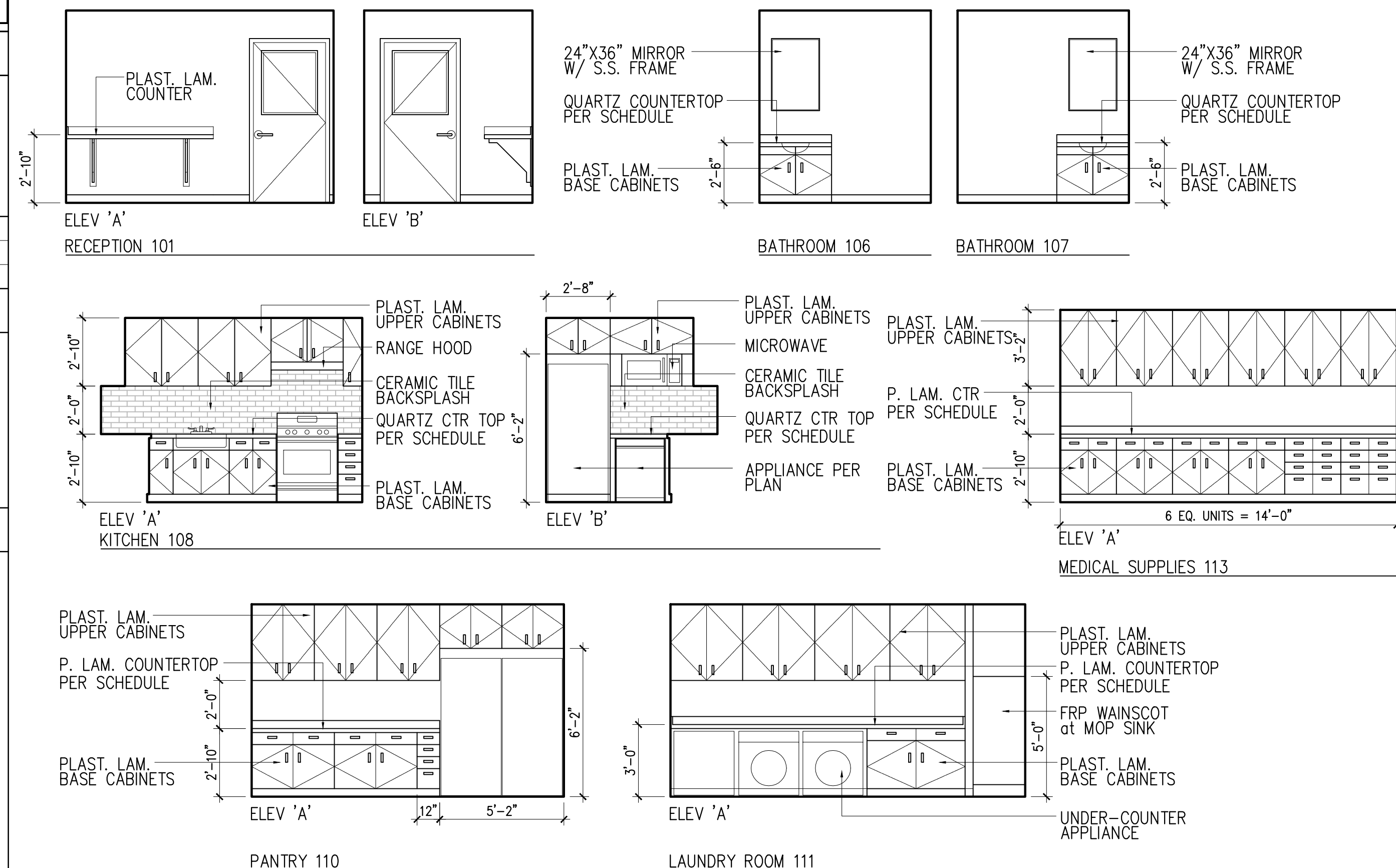
NO	ROOM	FLOOR FIN	BASE FIN	WALL MAT'L				WAINS.		WALL FIN	CLG MAT'L	CLG HT	REMARKS
				NORTH	EAST	SOUTH	WEST	MTL	HEIGHT				
101	RECEPTION	LVT	RB	GB	GB	GB	GB			EGPT	SAC	+8'-0"	
102	OFFICE 2	CT	RB	GB	GB	GB	GB			EGPT	SAC	+8'-0"	
103	WEIGHT ROOM	LVT	RB	GB	GB	GB	GB			EGPT	SAC	+8'-0"	
104	BUNK ROOM	CT	RB	GB	GB	GB	GB			SGPT	SAC	+8'-0"	
105	OFFICE 1	CT	RB	GB	GB	GB	GB			SGPT	SAC	+8'-0"	
106	BATHROOM	SV	SVC	GB	GB	GB	GB			SGPT	(E)GB	+8'-0"	MOLD/MOISTURE RESISTANT GYP. BD.
107	BATHROOM	SV	SVC	GB	GB	GB	GB			SGPT	(E)GB	+8'-0"	MOLD/MOISTURE RESISTANT GYP. BD.
108	KITCHEN	LVT	RB	GB	GB	GB	GB			SGPT	SAC	+8'-0"	
109	DINING ROOM	LVT	RB	GB	GB	GB	GB			EGPT	SAC	+8'-0"	
110	PANTRY	LVT	RB	GB	GB	GB	GB			EGPT	SAC	+8'-0"	
111	LAUNDRY ROOM	LVT	RB	GB	GB	GB	GB			EGPT	SAC	+8'-0"	
112	LOUNGE	CT	RB	GB	GB	GB	GB			EGPT	SAC	+8'-0"	
113	MEDICAL SUPPLIES	LVT	RB	GB	GB	GB	GB			EGPT	SAC	+8'-0"	
114	HALLWAY	LVT	RB	GB	GB	GB	GB			EGPT	SAC	+8'-0"	
115	APPARATUS ROOM	SC	RB	GB	GB	GB	GB			EGPT	OPEN	VARIES	

SYMBOL	BASE MATERIAL	SYMBOL	FLOOR MATERIAL	SYMBOL	WALL MATERIAL	SYMBOL	CEILING MATERIAL
RB	4" RUBBER BASE	SV	SHEET VINYL FLOORING	GB	5/8" GYP. BD. TEXT'D FIN. - PTD.	GB	5/8" GYP. BD. TEXT'D FIN. - PTD.
SVC	SHEET VINYL COVED BASE	CT	CARPET TILE FLOORING	EGPT	EGGSHELL PAINT	SAC	SUSPENDED ACOUSTICAL CEILING SYSTEM
		SC	SEALED CONCRETE	SGPT	SEMI-GLOSS PAINT		
		LVT	LUXURY VINYL TILE PLANK FLOORING				

FINISH MATERIALS SPECIFICATIONS

SYMBOL	MATERIAL	MANUFACTURER	MODEL / COLOR	REMARKS
SV	SHEET VINYL FLOORING	TARKETT	IQ GRANIT / 446 TAFT	SEE FINISH PLAN
SVC	SHEET VINYL COVED BASE	TARKETT	IQ GRANIT / 446 TAFT	SEE FINISH PLAN
CT	CARPET TILE FLOORING	TARKETT-TANDUS CENTIVA	AFTERMATH II / MENAGERIE	SEE FINISH PLAN
LVT	LUXURY VINYL TILE PLANK FLR'G	CORETEC	ADVANCED + / VV674-06009 TELFORD PINE	SEE FINISH PLAN
RB	4" RUBBER BASE	TARKETT	TA4 GATEWAY WG	
PT1	PAINT	SHERWIN WILLIAMS	SW7008 ALABASTER	
PT2	PAINT	SHERWIN WILLIAMS	SW6377 BUTTERSCOTCH	
PT3	PAINT	SHERWIN WILLIAMS	SW0064 BLUE PEACOCK	
PT4	PAINT	SHERWIN WILLIAMS	SW7645 THUNDER GRAY	EXTERIOR TRIM COLOR
LAM1	PLASTIC LAMINATE	WILSONART TRACELESS	SILVER VELVET 15503-31	ALL CASEWORK
LAM2	PLASTIC LAMINATE	WILSONART STANDARD	PEARL SOAPSTONE 4886-38 FINE VELVET	COUNTERTOPS - LAUNDRY, MED SUPPLIES, PANTRY, RECEPTION
QTZ	QUARTZ	WILSONART	HALDI GREY Q4032	COUNTERTOPS - BATHROOMS, KITCHEN
CER1	CERAMIC SUBWAY TILE	DAL-TILE	VITRUVIAN / GREY GLOSSY VV12	KITCHEN COUNTER BACKSPLASH
FRP	FIBERGLAS REINFORCED PANEL		TBD	MOP SINK WAINSCOT

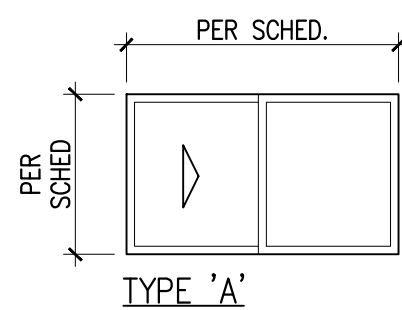
CASEWORK ELEVATIONS



WINDOW / GLAZING SCHEDULE

WINDOW MARK	WINDOW							DETAILS-A5.2			REMARKS	
	NOMINAL SIZE		M'TL	FINISH	GLAZING	TYPE	OPER	LABEL	HEAD	SILL		JAMB
	WIDTH	HEIGHT										
W1	6'-0"	3'-0"	ALUM	CA	CT	A	SL		5	7	5	REPLACE (E) WINDOW
EW												EXISTING WINDOW TO REMAIN

WINDOW TYPES

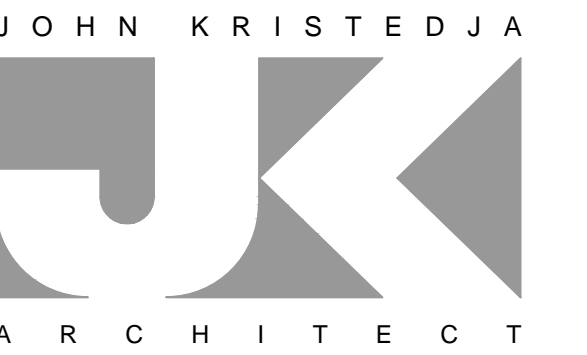


NOTES and ABBREVIATIONS

- HM = HOLLOW METAL
AL = ALUMINUM
CT = CLEAR TEMP. SAFETY GLAZING
FT = FROSTED TEMPERED SAFETY GLAZING
TT = TINTED TEMP. SAFETY GLAZING
FF = FACTORY FINISH
ST = STEEL
TM = TIMELY PRE-FINISHED STEEL FRAME
CA = CLEAR ANODIZED
SCW = SOLID CORE WOOD
DLT = DUAL TEMPERED GLAZING
STN = STAIN
CL = CLEAR FINISH ON MAPLE VENEER
SL = SLIDING
PT = PAINT
WG = FIRE-RATED SAFETY WIRE GLASS
- DOOR GENERAL NOTES:
- ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE AT ALL TIMES WITHOUT THE USE OF A KEY, THUMB TURN, OR ANY SPECIAL KNOWLEDGE OR EFFORT.
 - ALL OTHER NON-EXIT DOORS TO BE EQUIPPED WITH SINGLE EFFORT, NON GRASP HARDWARE CENTERED BETWEEN 34" MIN. AND 44" ABOVE FINISHED FLOOR.
 - VERIFY ALL STUD OPENINGS PRIOR TO FABRICATION OF FRAMES.
 - KICK PLATES TO BE INSTALLED ON PUSH SIDE OF DOORS. REFER TO HARDWARE SPECIFICATIONS.
 - DOOR LABEL DESIGNATES DOOR AND FRAME ASSEMBLIES WITH REQUIRED FIRE-RATING TIME PERIOD IN MINUTES.
 - TINTED GLAZING TO BE #1 REFLECTIVE GRAY.
- DOOR ACCESSIBILITY REQUIREMENTS:
- DOOR THRESHOLDS SHALL COMPLY WITH CBC SECTION 11B-303.
 - DOOR CLOSING SPEED:
 - DOOR AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS.
 - DOOR AND GATE SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS.
 - THE FORCE FOR PUSHING OR PULING A DOOR OR GATE SHALL BE AS FOLLOWS:
 - INTERIOR HINGED DOORS AND GATES: 5 POUNDS
 - SLIDING OR FOLDING DOORS: 5 POUNDS
 - REQUIRED FIRE DOORS: THE MAX. OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS
 - EXTERIOR HINGED DOORS: 5 POUNDS MAXIMUM
 - SWINGING DOORS AND GATE SURFACES WITHIN 10 INCHES FROM THE FINISHED FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/8 INCH OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED.

EXCEPTIONS:

 - SLIDING DOORS SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 11B-404.2.10
 - TEMPERED GLASS DOORS WITHOUT STILES AND HAVING A BOTTOM RAIL OR SHOE WITH THE TOP LEADING EDGE TAPERED AT 60 DEGREES MIN. FROM THE HORIZONTAL SHALL NOT BE REQUIRED TO MEET THE 10 INCH BOTTOM SMOOTH SURFACE REQUIREMENT.
 - DOORS AND GATES THAT DO NOT EXTEND TO WITHIN 10 INCHES OF THE FINISHED FLOOR OR GROUND SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 11B-404.2.10.
 - OPERABLE PARTS OF DOORS SHALL COMPLY WITH SECTION 11B-309.

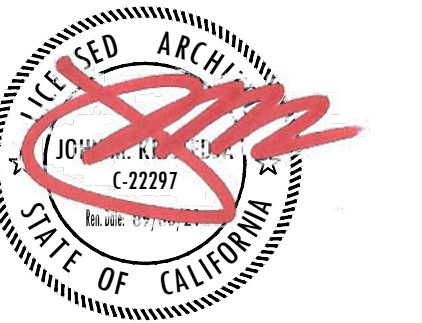


ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F

ARCHITECT'S STAMP



CONSULTANT

PROJECT NAME

COUNTY
FIRE STATION NO. 17
REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

DRAWING NAME

DOOR, WINDOW,
FINISH SCHEDULES

SUBMITTAL

DATE

NO

DATE

REVISION

DRAWN BY: JK

CHECKED BY: JK

DATE: 07/28/2020

SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

A4.1

ARCHITECT'S STAMP



CONSULTANT

PROJECT NAME

COUNTY
 FIRE STATION NO. 17
 REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
 POLLOCK PINES, CA 95726

DRAWING NAME

FINISH PLAN

SUBMITTAL

DATE

NO

DATE

REVISION

△

△

△

△

△

△

DRAWN BY: JK

CHECKED BY: JK

DATE: 07/28/2020

SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

GENERAL FLOOR/FINISH NOTES

A) CONTRACTOR SHALL VERIFY THAT THE SUB-FLOOR THROUGHOUT THE SPACE IS IN SUITABLE CONDITION TO RECEIVE FLOOR FINISHES AS SPECIFIED PER PLAN PRIOR TO INSTALLATION THEREOF.

B) ALL FINISH FLOORING SHALL BE INSTALLED LEVEL AND FLUSH BETWEEN TRANSITIONS WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/4" IN HEIGHT. PROVIDE APPROVED TRANSITION OR REDUCER STRIPS AS REQUIRED.

C) CONTRACTOR SHALL VERIFY WITH LANDLORD THE AVAILABILITY OF EXISTING FLOORING MATERIALS PRIOR TO BID. NOTIFY ARCHITECT AND CLIENT IF ALTERNATIVE FLOORING MATERIAL IS REQUIRED.

D) ALL FINISH FLOORING MATERIALS AND FINISHES SHALL MEET OR EXCEED ALL MINIMUM REQUIRED SLIP COEFFICIENT RATINGS AND FLAME-SPREAD RATINGS AS MANDATORY BY LOCAL GOVERNING BUILDING AND SAFETY CODES.

E) CONTRACTOR SHALL COORDINATE WITH ALL TRADES AND MAINTAIN CONSTRUCTION SCHEDULE AS REQUIRED. PROVIDE REASONABLE ACCOMMODATION AND PRECAUTIONS TO PROTECT ALL FINISHES (INCLUDING, BUT NOT LIMITED TO MALL AND ADJACENT TENANTS FINISHES) UPON INSTALLATION AND/OR COMPLETION OF WORK UNTIL OFFICIAL TURNOVER OF COMPLETED STORE TO CLIENT.

GENERAL PAINTING/FINISH NOTES

A) THE WORD "PAINT" AS USED HEREIN, MEANS COATING SYSTEMS MATERIALS INCLUDING PRIMERS, EMULSIONS, EPOXY, ENAMELS, SEALERS, FILLERS, URETHANES, AND OTHER APPLIED MATERIALS WHETHER USED AS PRIME, INTERMEDIATE, OR FINISH COAT.

B) COLORS TO BE SELECTED BY THE ARCHITECT AND/OR OWNER PRIOR TO COMMENCEMENT OF THE PAINTING WORK. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION. COLORS LISTED ON PAINT SCHEDULE ARE NOT NECESSARILY THE STOCK COLORS AVAILABLE IN ANY ONE PARTICULAR MANUFACTURER'S RANGE.

C) SUBMIT COLOR AND FINISH SAMPLES OF EACH COLOR AND PAINT FINISH, SELECTED BY THE ARCHITECT AND/OR OWNER. PROVIDE (1) SAMPLE ON 8-1/2 INCH BY 11 INCH WHITE CARDSTOCK.

D) COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR ENVIRONMENTAL CONDITIONS UNDER WHICH COATINGS AND COATING SYSTEMS CAN BE APPLIED.

E) DO NOT APPLY FINISH IN AREAS WHERE DUST IS BEING GENERATED. ENSURE ADEQUATE VENTILATION DURING ALL INTERIOR PAINTING. DO NOT APPLY PAINT TO DAMP OR WET SURFACES.

F) USE FACTORY MIXED MATERIALS UNLESS SPECIFICALLY APPROVED BY THE MANUFACTURER, AND COMPLY WITH APPLICABLE FEDERAL AND/OR ASTM SPECIFICATIONS.

G) ALL MATERIAL MUST COMPLY WITH CURRENT LOCAL AND GOVERNING AIR POLLUTION CONTROL REGULATIONS FOR THE PROJECT SITE, SUCH AS EPA AND STATE VOC (VOLATILE ORGANIC COMPOUND) CRITERIA, AND FEDERAL LEAD CONTENT REQUIREMENTS.

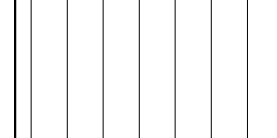
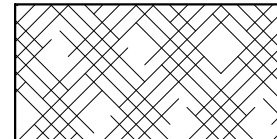


H) BEFORE STARTING WORK, CAREFULLY EXAMINE SURFACES TO BE FINISHED AND REPORT ANY WORK NOT CORRECTLY INSTALLED OR FINISHED, OR SO FINISHED AS NOT TO GIVE DESIRED RESULTS. DO NOT APPLY FINISH UNTIL WORK HAS BEEN PROPERLY PREPARED TO RECEIVE SAME.

I) ENSURE THAT ALL SURFACES ARE CLEAN, FREE FROM FOREIGN MATTER AND DEFECTS OF ANY KIND; SMOOTHED FREE FROM DENTS, SCRATCHES, RAISED GRAIN, OR BLEMISHES; DRIED COMPLETELY AND DUSTED.

J) CLOSETS, VESTIBULES, HALLS, RECESSED AREAS AND NICHES TO RECEIVE SAME FINISHES AS NOTED FOR PRIMARY ADJOINING SPACE U.N.O.

NOTE:
 ALL WALL AND GYP. BD. CEILING COLORS TO BE PT-1
 UNLESS OTHERWISE NOTED AND INDICATED ON THE FINISH PLAN

FLOOR FINISH LEGEND

-  LUXURY VINYL PLANK:
CORETEC
ADVANCED + / VV674-06009 TELFORD PINE
-  CARPET TILE:
TARKETT TANDUS CENTIVA
AFTERMATH II / MENAGERIE
-  SHEET VINYL:
TARKETT SHEET VINYL
IQ GRANIT / 446 TAFT
-  EXPOSED SEALED CONCRETE
(ADD ALTERNATE #1)

METAL SUSPENSION SYSTEMS FOR LAY IN PANEL CEILINGS



ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F

ARCHITECT'S STAMP



CONSULTANT

PROJECT NAME

**COUNTY
FIRE STATION NO. 17
REMODEL**

PROJECT ADDRESS

**6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726**

DRAWING NAME

**SUSPENDED CEILING
NOTES, DETAILS**

SUBMITTAL

DATE

NO

DATE

REVISION

DRAWN BY: JK

CHECKED BY: JK

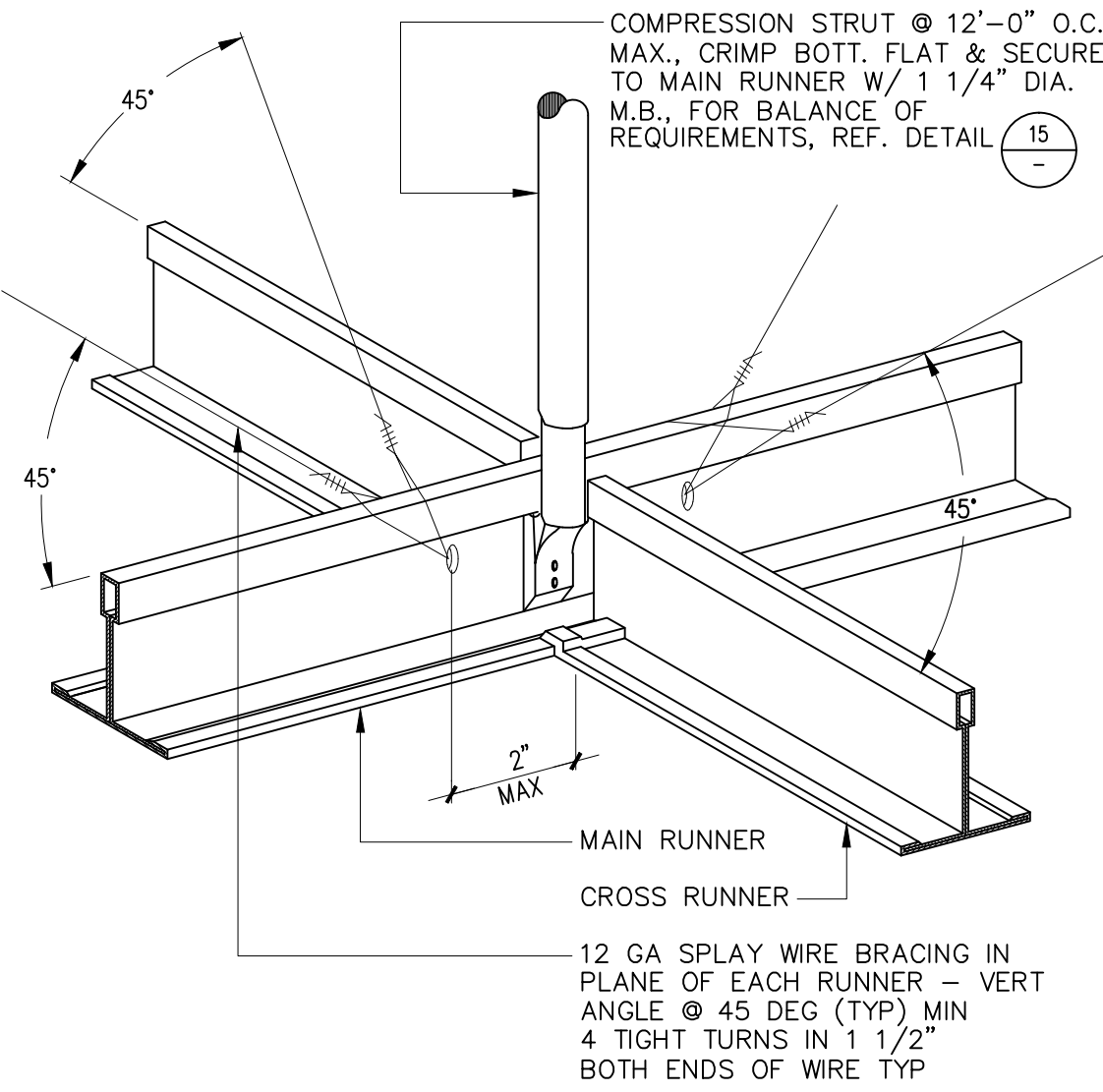
DATE: 07/28/2020

SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

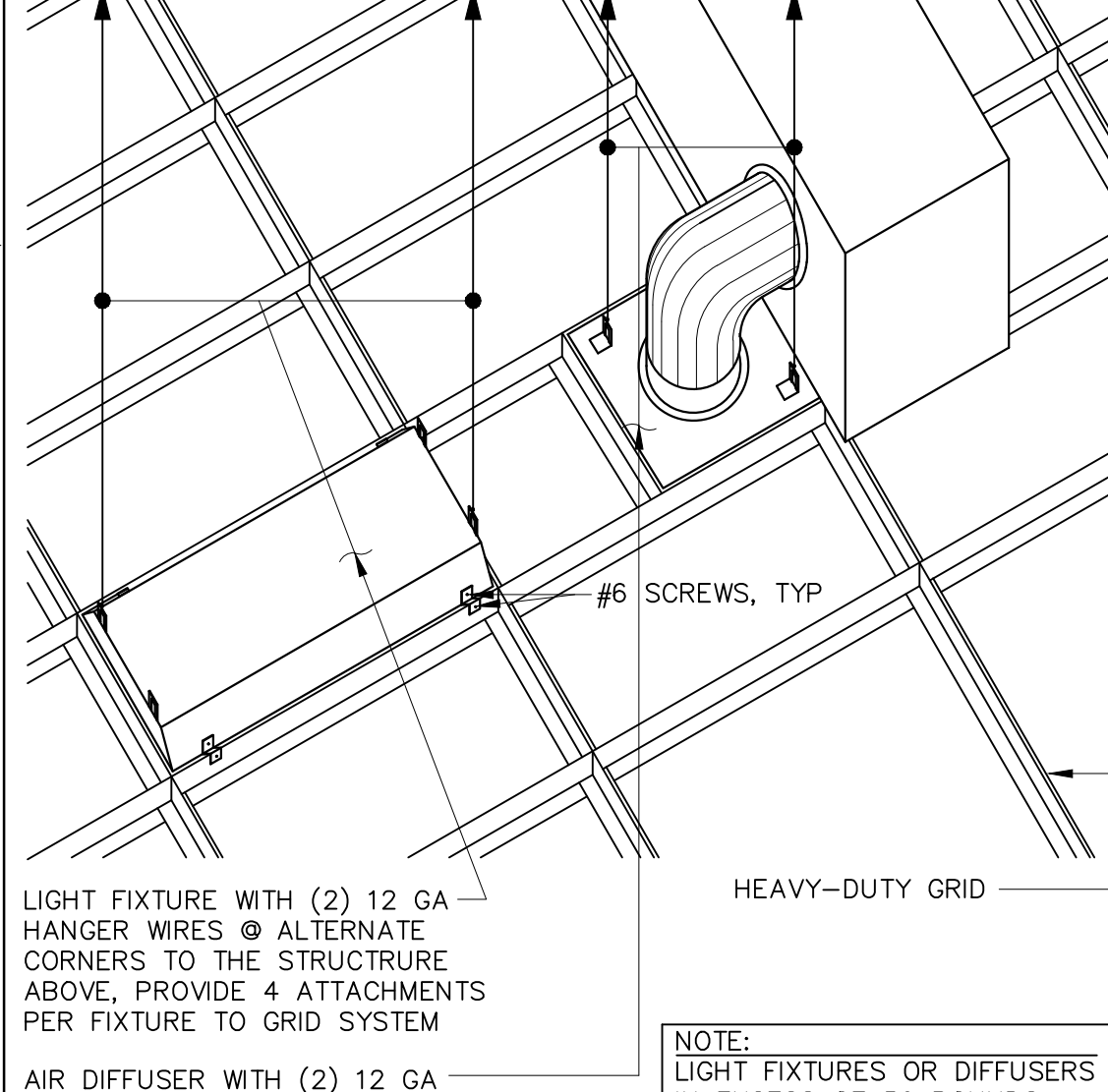
A5.1



NOTE:
PROVIDE COMPRESSION STRUTS @ ALL T-BAR CEILINGS.

FILE/CSI NUMBER: 13481 REVISION DATE: 03/22/20 JOB NUMBER: XXXX

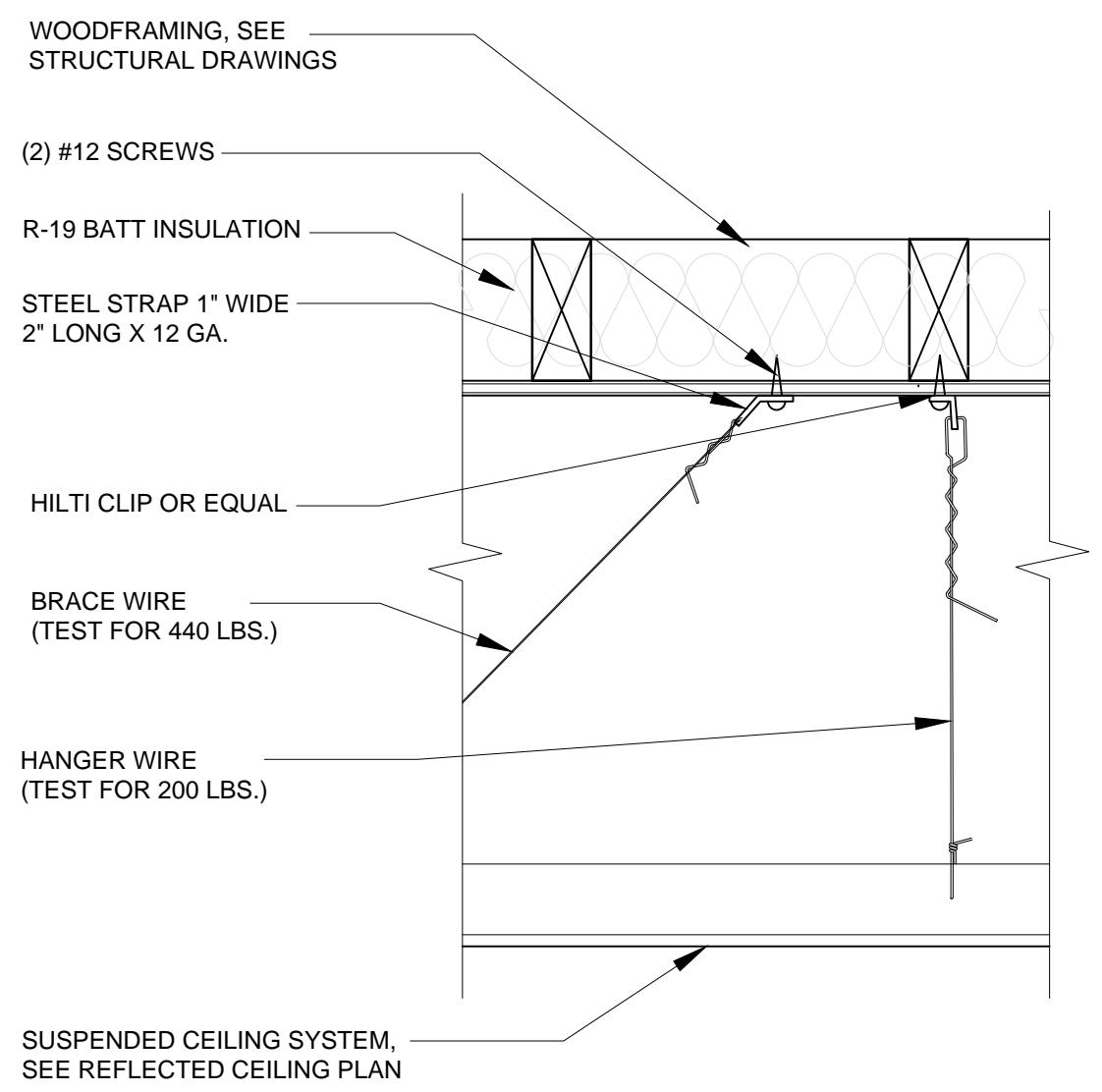
SPLAY WIRE BRACING DET 3"=1'-0" **13**



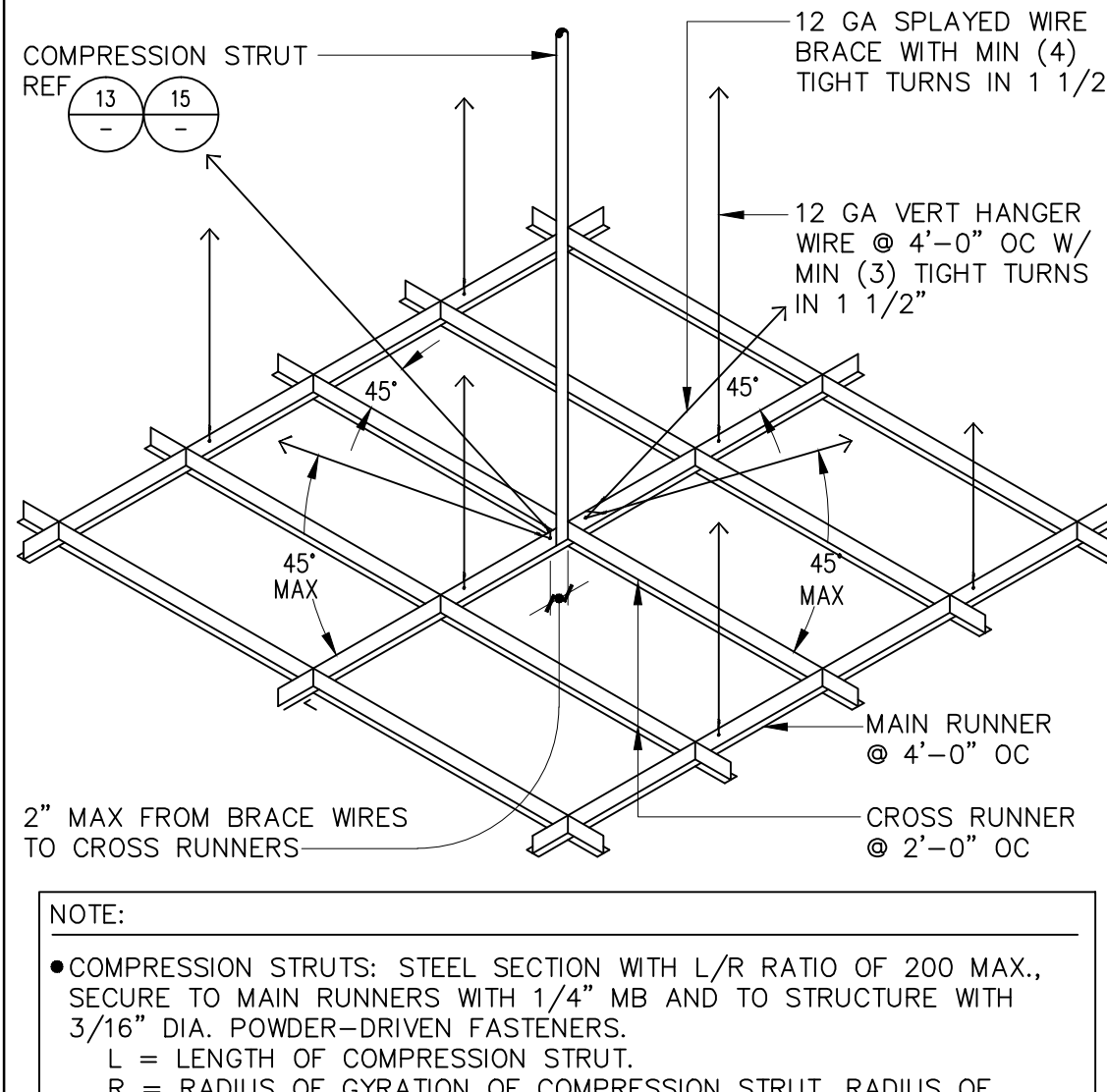
NOTE:
LIGHT FIXTURES OR DIFFUSERS IN EXCESS OF 56 POUNDS REQUIRE (4) 12 GA HANGER WIRES

FILE/CSI NUMBER: 10841 REVISION DATE: 03/22/20 JOB NUMBER: XXXX

FIXTURE BRACING DET 1/2"=1'-0" **10**

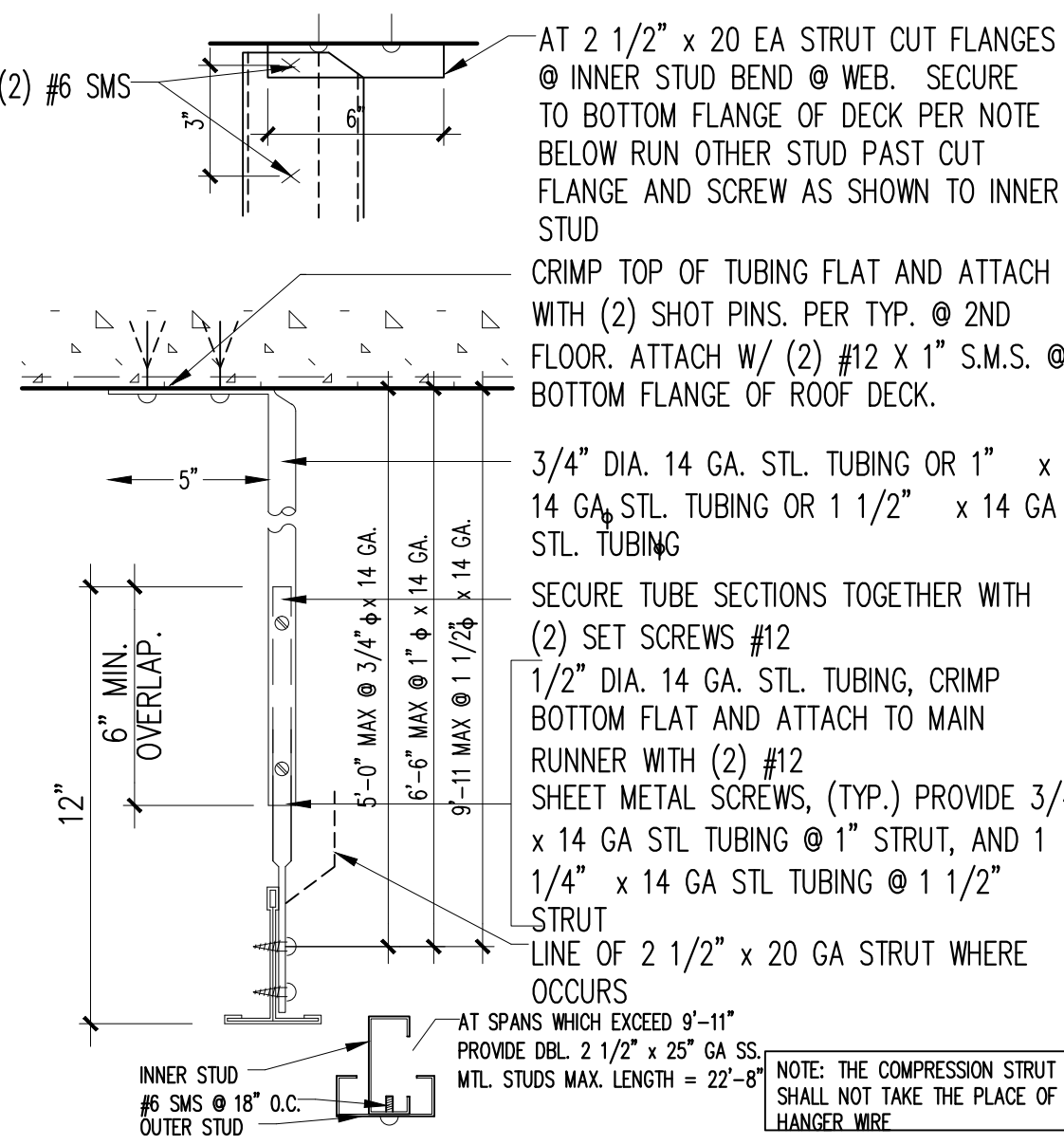


HANGER WIRE CONNECTION 1-1/2"=1'-0" **14**

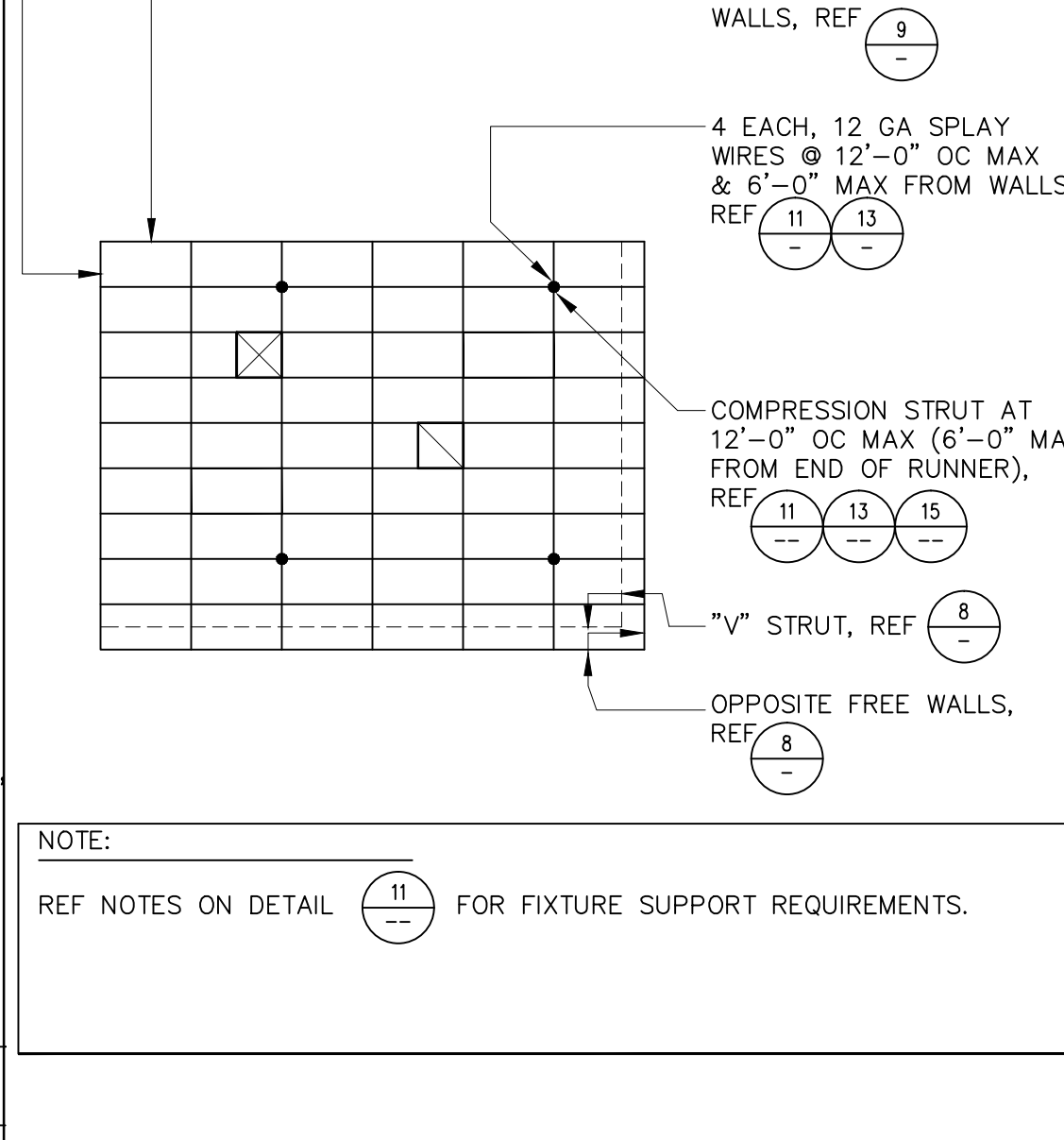


NOTE:
• COMPRESSION STRUTS: STEEL SECTION WITH L/R RATIO OF 200 MAX., SECURE TO MAIN RUNNERS WITH 1/4" MB AND TO STRUCTURE WITH 3/16" DIA. POWDER-DRIVEN FASTENERS.
L = LENGTH OF COMPRESSION STRUT.
R = RADIUS OF GYRATION OF COMPRESSION STRUT. RADIUS OF GYRATION OF COMPRESSION STRUT MATERIAL MUST BE VERIFIED.
• COMPRESSION STRUT SHALL NOT REPLACE HANGER WIRE.

TYP GRID PLAN 3/4"=1'-0" **11**

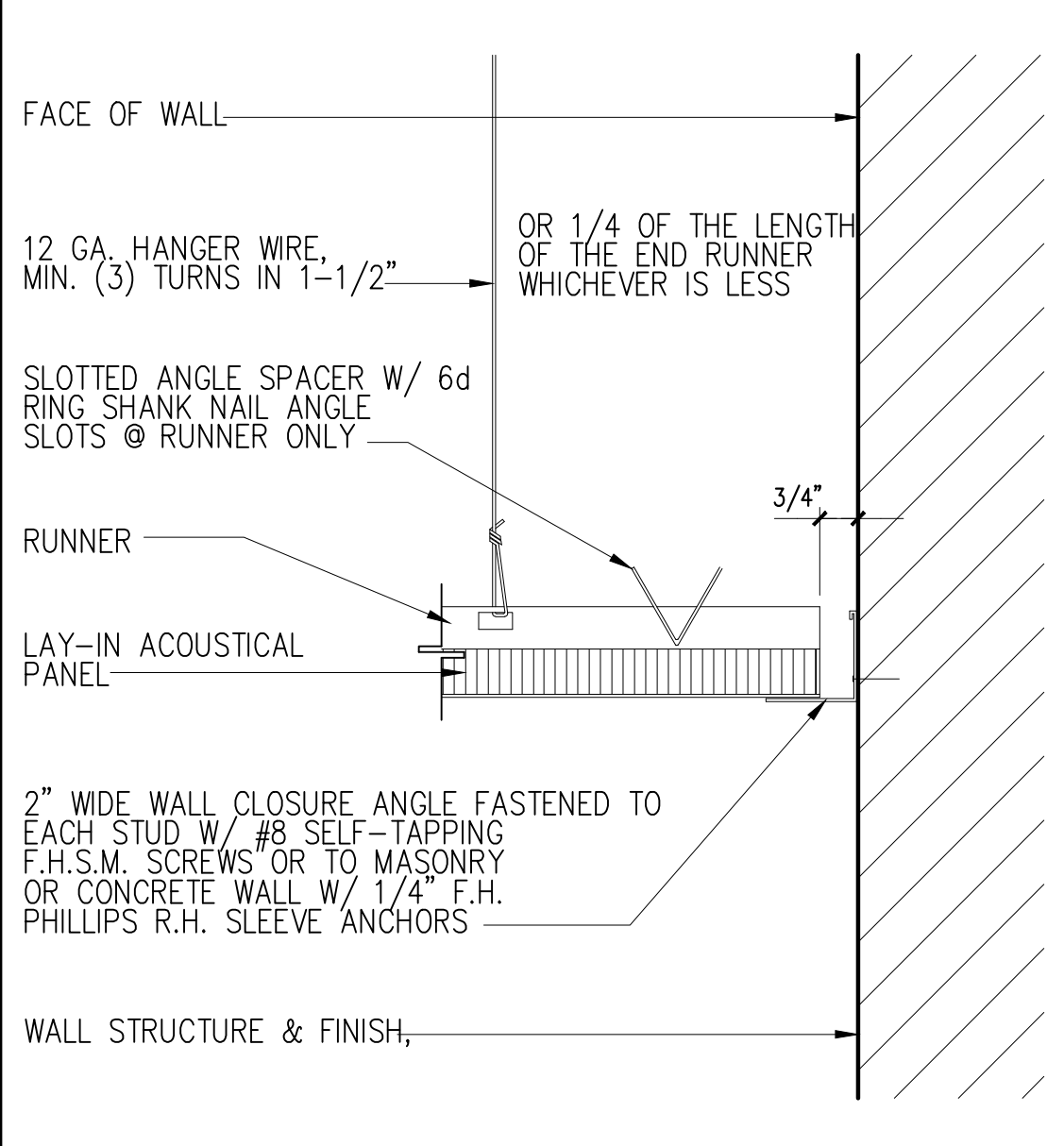


COMPRESSION STRUT DET 3"=1'-0" **15**

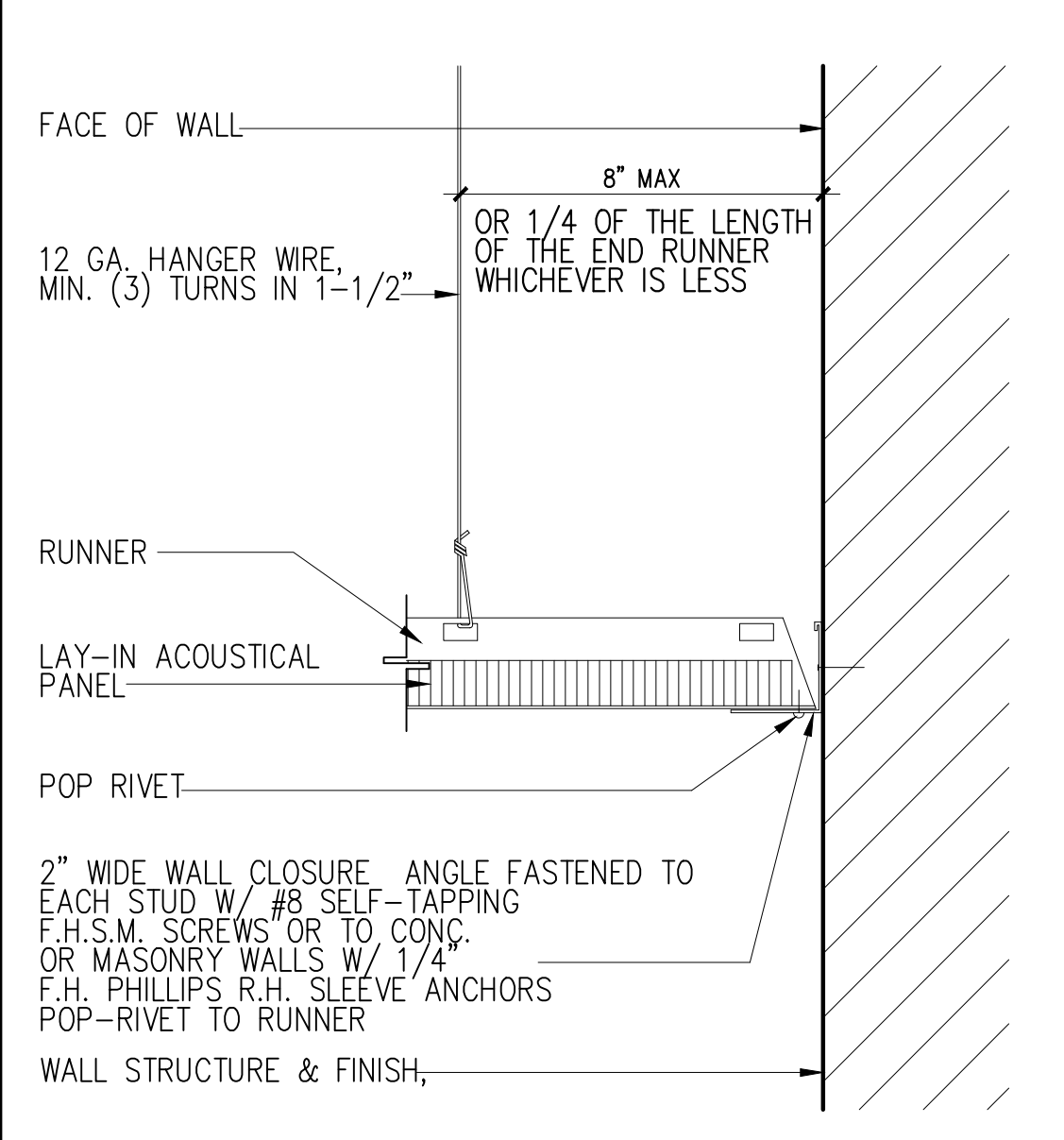


NOTE:
REF NOTES ON DETAIL 11 FOR FIXTURE SUPPORT REQUIREMENTS.

TYP SUSPENDED CEIL DET 1/4"=1'-0" **12**



CEILING PERIMETER 3"=1' **8**



CEILING PERIMETER - ATTACHED END 3"=1' **9**

- 12 GA. (MIN.) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4'-0" X 4'-0" GRID SPACING ALONG MAIN RUNNERS. SPLICES WILL NOT BE PERMITTED IN ANY HANGER WIRES.
- PROVIDE 12 GA. HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN 8" FROM THE SUPPORT OR WITHIN 1/4 OF THE LENGTH OF THE END TEE, WHICHEVER IS LEAST, FOR THE PERIMETER OF THE CEILING AREA.
- PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAIN HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 IN 6 OUT OF PLUMB ARE TO HAVE COUNTER-SLOPING WIRES.
- CEILING GRID MEMBERS MAY BE ATTACHED TO NOT MORE THAN 2 ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 1/2 INCH FREE OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNER SHOULD BE FREE AND A MINIMUM OF 1/2 INCH CLEAR OF WALL.
- AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 16 GA. WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNER MAY BE USED, WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS 12" OR LESS, THIS INTERLOCK IS NOT REQUIRED.

- PROVIDE BRACING ASSEMBLIES CONSISTING OF A COMPRESSION STRUT AND FOUR 12 GA. SPLAYED BRACING WIRES ORIENTED 90° FROM EACH OTHER AT NOT MORE THAN 12'-0" X 12'-0" ON CENTER.

PROVIDE BRACING WIRES AT LOCATIONS NOT MORE THAN 6'-0" FROM EACH PERIMETER WALL AND AT THE EDGE OF VERTICAL CEILING OFFSETS.

THE SLOPE OF THESE WIRES SHOULD NOT EXCEED 45° FROM THE PLANE OF THE CEILING AND SHOULD BE TAUT WITHOUT CAUSING THE CEILING TO LIFT. SPLICES IN BRACING WIRES ARE NOT TO BE PERMITTED.

SUSPENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA OF 144 SQUARE FEET OR LESS, SURROUNDED BY WALLS WHICH CONNECT DIRECTLY TO THE STRUCTURE ABOVE, DO NOT REQUIRE BRACING ASSEMBLIES WHEN ATTACHED TO TWO ADJACENT WALLS.
- FASTEN HANGER WIRES WITH NOT LESS THAN 3 TIGHT TURNS. FASTEN BRACING WIRES WITH 4 TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1-1/2". HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE FORCES ACTING ON THE WIRE.

NOTE: WIRE TURNS MADE BY MACHINE WHERE BOTH STRANDS HAVE BEEN DEFORMED OR BENT IN WRAPPING CAN WAIVE THE 1-1/2" REQUIREMENT, BUT THE NUMBER OF TURNS SHOULD BE MAINTAINED, AND BE AS TIGHT AS POSSIBLE.

- SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC. IT IS ACCEPTABLE TO ATTACH LIGHTWEIGHT ITEMS, SUCH AS SINGLE ELECTRICAL CONDUIT NOT EXCEEDING 3/4" NOMINAL DIAMETER, TO HANGER WIRES USING CONNECTORS ACCEPTABLE TO APPROVING AGENCY.

- WHEN DRILL-IN CONCRETE ANCHORS OR SHOT-IN ANCHORS ARE USED IN REINFORCED CONCRETE FOR HANGER WIRES, 1 OUT OF 10 MUST BE FIELD TESTED FOR 200 POUNDS OF TENSION. WHEN DRILLED-IN CONCRETE ANCHORS ARE USED FOR BRACING WIRES, 1 OUT OF 2 MUST BE FIELD TESTED FOR 440 LBS. OF TENSION. SHOT-IN ANCHORS IN CONCRETE ARE NOT PERMITTED FOR BRACING WIRES. IF ANY SHOT-IN OR DRILLED-IN ANCHOR FAILS, ALL ADJACENT ANCHORS MUST BE TESTED. REFER ALSO TO TESTING REQUIREMENTS OF CBC, SECTION 1923A.3.5.

- ATTACH ALL LIGHT FIXTURES TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES.

ALL RECESSED LIGHTING FIXTURES HAVING A NOMINAL END DIMENSION OF 24" OR GREATER, SHALL BE POSITIVELY ATTACHED TO THE CEILING GRID RUNNER(S) AT THE END OF THE FIXTURE WITH TWO #8 SELF TAPPING TEK SCREWS, EACH SCREW SHALL BE LOCATED WITHIN 3" OF THE SIDE OF THE FIXTURE AND ATTACHED THROUGH THE BULB OF THE CEILING GRID RUNNER(S). LIGHT FIXTURES HAVING LESS THAN A NOMINAL 24" END DIMENSION SHALL BE ATTACHED WITH ONE #8 SELF TAPPING TEK SCREW AT THE CENTER OF EACH END OF THE FIXTURE, ATTACHED TO THE BULB OF THE CEILING GRID RUNNER(S). ALL ATTACHMENTS SHALL BE CAPABLE OF LATERALLY SUPPORTING THE WEIGHT OF THE FIXTURE. ALL FIXTURES REGARDLESS OF WEIGHT OR SIZE SHALL HAVE INTERLOCKING CEILING GRID RUNNER(S) ON ALL 4 SIDES OF THE FIXTURE.

- CEILING-MOUNTED AIR TERMINALS OR SERVICES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR TO CROSS RUNNERS WITH THE SAME CARRYING CAPACITY AS THE MAIN RUNNER.

AIR TERMINALS WITH A NOMINAL DIMENSION OF 24" OR LESS SHALL BE POSITIVELY ATTACHED TO THE CEILING GRID RUNNER(S) ON AT LEAST TWO OPPOSING SIDES WITH ONE #8 SELF TAPPING TEK SCREW ON EACH SIDE. EACH SCREW SHALL BE LOCATED IN THE CENTER OF THE AIR TERMINAL AND SHALL BE ATTACHED THROUGH THE BULB OF THE CEILING GRID RUNNER(S). AIR TERMINALS IN EXCESS OF 24" IN LENGTH SHALL BE ATTACHED WITH TWO #8 SELF TAPPING TEK SCREWS ON EACH END OF DIFFUSER ATTACHED TO THE BULB OF THE CEILING GRID RUNNER(S). ALL ATTACHMENTS SHALL BE CAPABLE OF LATERALLY SUPPORTING THE WEIGHT OF THE AIR TERMINAL. ALL AIR TERMINALS REGARDLESS OF WEIGHT OR SIZE SHALL HAVE INTERLOCKING CEILING GRID RUNNER(S) ON ALL 4 SIDES OF THE AIR TERMINAL.

- FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING LESS THAN 56 LBS. MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF TWO 12 GA. SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. ALL 4'-0" X 4'-0" LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER. ALL FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING 56 POUNDS OR MORE MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN 4 TAUT 12 GA. WIRES EACH ATTACHED TO THE FIXTURE AND TO THE STRUCTURE ABOVE REGARDLESS OF THE TYPE OF CEILING GRID SYSTEM USED.

THE 4 TAUT 12 GA. WIRES INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE MUST BE CAPABLE OF SUPPORTING 4 TIMES THE WEIGHT OF THE UNIT.

- ALL FIXTURES AND AIR TERMINALS OR SERVICES SUPPORTED ON INTERMEDIATE DUTY GRID SYSTEMS MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN 4 TAUT 12 GA. WIRES EACH ATTACHED TO THE FIXTURE OR TERMINAL AND TO THE STRUCTURE ABOVE.
- SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST TWO POSITIVE DEVICES WHICH SURROUND THE CEILING RUNNER AND WHICH ARE EACH SUPPORTED FROM THE STRUCTURE ABOVE BY A 12 GA. WIRE. SPRING CLIPS OR CLAMPS THAT CONNECT ONLY TO THE RUNNER ARE NOT ACCEPTABLE.

PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE 8 FEET OR LONGER.
- SUPPORT PENDANT MOUNTED LIGHT FIXTURES DIRECTLY FROM THE STRUCTURE ABOVE WITH HANGER WIRES OR CABLES PASSING THROUGH EACH PENDANT HANGER AND CAPABLE OF SUPPORTING 4 TIMES THE WEIGHT OF THE FIXTURE. A BRACING ASSEMBLY, AS DESCRIBED IN NOTE 6 OF THESE SUSPENSION SYSTEM NOTES, SHALL BE REQUIRED WHERE THE PENDANT HANGER PENETRATES THE CEILING. SPECIAL DETAILS ARE REQUIRED TO ATTACH THE PENDANT HANGER TO THE BRACING ASSEMBLY TO TRANSMIT HORIZONTAL FORCES.
- METAL PANELS AND PANELS WEIGHING MORE THAN 1/2 PSF, OTHER THAN ACOUSTICAL TILE, ARE TO BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION RUNNERS.
- WHERE GYPSUM BOARD OR OTHER CEILING FINISHES ARE ATTACHED TO THE BUILDING FLOOR OR ROOF FRAMING, SPECIAL DETAILS WILL BE REQUIRED FOR THE VERTICAL HANGER WIRE AND LATERAL BRACING WIRE SUPPORT CONNECTIONS TO THE FRAMING.
- WHEN THERE IS REUSE OF EXISTING CEILING HANGER WIRES AND SPLAY WIRES, THE GAUGE AND SPACING OF THE WIRES MUST COMPLY WITH CURRENT APPLICABLE CODES. ALL EXISTING CEILING HANGER WIRES MUST BE TESTED TO 200

- ALL NEW WIRES, AFTER BEING SPLICED TO THE EXISTING WIRES, MUST BE FIELD TESTED AS STATED ABOVE.
- ALL FIELD TESTS MUST BE PERFORMED IN THE PRESENCE OF THE PROJECT INSPECTOR.

- CLASSIFICATION OF CEILING GRID IS HEAVY DUTY. COMPONENTS SHALL COMPLY WITH THE FOLLOWING SCHEDULE:

MANUFACTURER	MAIN RUNNER	CROSS RUNNER	DSA/SSS APPRV. NO	ESR NO.
ARMSTRONG	7301	7340(1)	PA-041	ESR-1308
CHICAGO METALLIC	200	1204(2)	PA-026	ESR-2282, 2631
DONN CORPORATION	DX26	DX424(3)	PA-030	ESR-1222

- FOOTNOTES:
- (1) FOR 2 X 2 GRID USE 7324
 - (2) FOR 2 X 2 GRID USE 1226
 - (3) FOR 2 X 2 GRID USE DX216

- AT WOOD STUD WALL: 4D COMMON NAIL @ 16" OC.
- AT METAL STUD WALL: 1-1/8" TYPE "S" BUGLE HEAD DRYWALL SCREW AT 16" OC.
- AT MASONRY WALL: 1/4" DIA. X 1-1/2" LONG LAPCON ANCHOR SCREW @ 16" OC. ICBO NO. 3370.

- SUSPENDED CEILING ARE TO BE INSTALLED TO ASTM STANDARDS ASTM C 635 and ASTM C 636 (CBC SECTION 803.11) AND THE CISCA GUIDELINES FOR SEISMIS RESTRAINT FOR THE DIRECT-HUNG SUSPENDED CEILING ASSEMBLIES FOR SEISMIC ZONE "D" AS MODIFIED BY THE FOLLOWING:
 - A HEAVY-DUTY T-GRID SYSTEM SHALL BE USED
 - THE WIDTH OF THE PERIMETER SUPPORTING ANGLE SHALL BE NOT LESS THAN 2" IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 0.75 IN. CLEARANCE FROM THE WALL AND SHALL REST UPON and BE FREE TO SLIDE ON A CLOSURE ANGLE.
 - CEILING AREAS EXCEEDING 1,000 S.F. SHALL HAVE HORIZONTAL RESTRAINT OF THE CEILING TO THE STRUCTURAL SYSTEM.
 - CEILINGS EXCEEDING 2,500 S.F. SHALL HAVE A SEISMIC SEPARATION OR A FULL-HEIGHT PARTITION THAT BREAKS THE CEILING UP INTO AREAS NOT EXCEEDING 2,500 S.F. UNLESS STRUCTURAL ANALYSIS ARE PERFORMED OF THE CEILING BRACING SYSTEM FOR THE PRESCRIBED SEISMIC FORCES THAT DEMONSTRATE CEILING SYSTEM PENETRATIONS and CLOSURE ANGLES PROVIDE SUFFICIENT CLEARANCE TO ACCOMMODATE THE ANTICIPATED LATERAL DISPLACEMENT. EACH AREA SHALL BE PROVIDED WITH CLOSURE ANGLES IN ACCORDANCE WITH NOTE 'B' ABOVE AND HORIZONTAL RESTRAINTS OR BRACING IN ACCORDANCE WITH THESE REQUIREMENTS.
 - SPRINKLER HEADS and OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1 INCH IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, A SWING JOINT THAT CAN ACCOMMODATE 1 INCH IN ALL DIRECTIONS IS PERMITTED TO BE PROVIDED AT THE TOP OF THE SPRINKLER HEAD EXTENSION.
 - PROVIDE POSITIVE CEILING BRACING AT ANY CHANGES IN CEILING ELEVATION.
 - CABLE TRAYS and ELECTRICAL CONDUITS MUST BE SUPPORTED INDEPENDENTLY OF THE CEILING.



ARCHITECT'S STAMP



CONSULTANT

PROJECT NAME

COUNTY
FIRE STATION NO. 17
REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

DRAWING NAME

MISC. DETAILS
PLAN

SUBMITTAL

DATE

NO DATE REVISION

△		
△		
△		
△		
△		
△		

DRAWN BY: JK

CHECKED BY: JK

DATE: 07/28/2020

SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

STUD SIZE	WALL THK	FIRE RATING (CBC/UL/LISTING)			REMARKS
		0 HR	1 HR	2 HR	
4	4 3/4		(CBC 14-1.3) (UL 305)		
6	6 3/4		(CBC 14-1.3) (UL 305)		
8	8 1/2		(CBC 14-1.3) (UL 305)		

PLAN INDICATION
 [] NON RATED
 [] 1 HR RATED

REMARKS SCHEDULE
 A. 3-1/2" THK SOUND INSUL
 B. 6-1/2" THK SOUND INSUL
 C. MR GYP BD

NOTES:
 1. REF FIN SCHED FOR FIN
 2. STUDS SPACED 16" OC
 3. ALL WALLS FULL HGT

* OPTIONAL CHARACTER

WD. SILL and TRIM - TYP. of INTERIOR-EXTEND SILL 2" AT ends
 GLAZING PER SCHED.
 1X4 WINDOW TRIM
 SHT. MTL. FLASHING
 HARDIE-PLANK CEMENTITIOUS HORIZ. CLADDING - INSTALL PER MFG. REQUIREMENTS
 PRECAST STONE VENEER CAP
 CULTURED STONE VENEER OVER SETTING BED OVER SCRATCH COAT OVER MTL. LATH AND 2 LAYERS OF WATERPROOF MEMBRANE
 1/2" PLYWD. SHT'G OVER WALL FURRING OVER (E) EXT. WALL ASSEMBLY

DOOR, SEE DOOR SCHED
 DOOR JAMB
 FIN FLR MAT SEE FIN SCHED
 PRE-MOLDED EXPANSION JT, TYP @ EXT CONDITION
 SLAB EDGE
 FACE OF FRAME

5/8" GYP BD EA SIDE
 HEADER / STUDS PER PLAN
 STEEL CASING
 CASING RETAINER CLIP
 TIMELY PREFINISHED KNOCK DOWN (KD) FRAME
 SCHEDULED DOOR
 PER MANUF.

WALL TYPE A 1"=1'-0" 10

WINDOW SILL 3"=1'-0" 7

THRESHOLD 3"=1'-0" 4

INT DOOR HEAD / JAMB 3"=1'-0" 1

CONCRETE BLOCK WALL
 CASEWORK
 3/8" LAG BOLTS @ 24" O.C
 WASHER
 CONT 1 X 4 FIN TO MATCH INTERIOR OF CABINET
 CONT WOOD SPACER
 4X4 SOLID BLOCKING
 PLYWOOD BACKING

GYP BOARD
 PLYWOOD BACKING
 WD STUD FRAMING
 4X4 SOLID BLOCKING W/ A-35 CLIPS at TOP AND BOTTOM TO STUDS
 1X4 CONT WOOD SPACER
 3/8" LAG BOLTS @ 24" O.C
 2X SILL PLATE

CULTURED STONE VENEER OVER SETTING BED OVER SCRATCH COAT OVER MTL. LATH AND 2 LAYERS OF WATERPROOF MEMBRANE
 1/2" PLYWD. SHT'G OVER WALL FURRING OVER (E) EXT. WALL ASSEMBLY
 (E) CONC. SLAB
 EXTEND CONC. AS REQ'D FOR NEW FURRED WALL - ANCHOR TO (E) SLAB W/ #4 DOWELS SET IN W/ SIMPSON SET-XP ANCHOR EPOXY at 24" O.C.
 MTL. WEEP SCREEN
 6" MIN.

TYP. EXT. WALL ASSEMBLY
 CEMENTITIOUS PLANK SIDING
 1/2" PLYWD. SHT'G OVER WALL FURRING OVER (E) EXT. WALL ASSEMBLY
 1X4 WD. WINDOW TRIM
 WINDOW ASSEMBLY
 3/4" INTERIOR WINDOW TRIM

CMU WALL PER PLAN
 TAPCON SCREWS OR POWDER ACTUATED FASTENERS FOR SUB FRAME
 TIMELY 'C' SERIES SUB FRAME
 CAULK / SEALANT
 CASING RETAINER CLIP
 TIMELY PREFINISHED KNOCK DOWN (KD) FRAME
 SCHEDULED DOOR
 PER MANUF.

CABINET TO WALL 3"=1'-0" 14

BASE ANCHOR @ WOOD STUD 3"=1'-0" 11

VENEER SILL 3"=1'-0" 8

WINDOW HEAD 3"=1'-0" 5

INT DOOR HEAD / JAMB 3"=1'-0" 2

CASEWORK
 RESILIENT BASE
 8d @ 12" OC
 2X CONT
 16d @ 12" OC
 WASHER
 2X4 CONT WOOD SPACER W/ 3/8" RH SLEEVE ANCHOR RS-3824 @ 24" OC
 2X CROSS MEMBERS @ 24" OC

6" x 6" sign with 1" high text
 CALIF. GRADE 2 BRAILLE TEXT
 4"-0" AFF. MIN. height
 5"-0" AFF. MAX. height

NOTE: PROVIDE MECHANICAL MOUNTING W/ VANDAL RESISTANT FASTENERS. PROVIDE ADHESIVE MOUNTING SYSTEM WHEN ATTACHED TO GLAZING. REFER TO FLOOR PLAN FOR LOCATIONS

4" x 4" sign with 1" high text
 CALIF. GRADE 2 BRAILLE TEXT
 4"-0" AFF. MIN. height
 5"-0" AFF. MAX. height

NOTE: PROVIDE MECHANICAL MOUNTING W/ VANDAL RESISTANT FASTENERS. PROVIDE ADHESIVE MOUNTING SYSTEM WHEN ATTACHED TO GLAZING. REFER TO FLOOR PLAN FOR LOCATIONS

2" INSULATED PANEL
 6" SIDEWALL GIRT SYSTEM
 BACKER ROD & SEALANT
 HM FRAME
 DOOR, SEE SCHEDULE

(E) EXTERIOR WALL ASSEMBLY
 (E) EXTERIOR CLADDING
 NEW CEMENTITIOUS PLANK SIDING
 SEALANT
 1X4 DOOR TRIM
 (E) HEADER
 HM FRAME
 WD STUD ANCHOR TIES
 SCHEDULED DOOR

BASE ANCHOR @ FRONT 3"=1'-0" 15

TACTILE EXIT ROUTE SIGN HALF 12

TACTILE EXIT SIGN HALF 9

DOOR HEAD 3"=1'-0" 6

EXT HEAD 3"=1'-0" 3

ABBREVIATIONS LIST			
A	AMPERE	N.I.E.S.	NOT IN ELECTRICAL SCOPE OF WORK
AC	ALTERNATING CURRENT	(N)	NEW
AMP	AMPERE	NTS	NOT TO SCALE
AFF.	ABOVE FINISHED FLOOR	FRI.	PRIMARY
AL	ALUMINUM	PVC	POLYVINYL CHLORIDE
B.C.	BARE COPPER		
BLDG.	BUILDING		
C.	CONDUIT	(R)	EXISTING TO BE RELOCATED
C.O.	CONDUIT ONLY, WITH FULL LINE	(RR)	REMOVE AND REPLACE
CJ	COPPER	SEC.	SECONDARY
(E)	EXISTING TO REMAIN	TTB	TELEPHONE TERMINAL BOARD
(ER)	EXISTING RELOCATED		
EMT	ELECTRICAL METALLIC TUBING	UG	UNDERGROUND
G	GROUND	UN	UNLESS OTHERWISE NOTED
GND.	GROUND	V	WIRE
J-BOX	JUNCTION BOX	W/	WITH
KVA	KILO VOLT AMP	W/P	WEATHERPROOF WHILE IN USE
LED	LIGHT EMITTING DIODE		
MNFR	MANUFACTURER	XFMR	TRANSFORMER
MSB	MAIN SWITCHBOARD	Φ	PHASE

WIRE AND CONDUIT LEGEND	
	METALLIC CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING. RUNS LONGER THAN 50' SHALL INCLUDE EXPANSION FITTING(S).
	CONDUIT RUN UNDER FLOOR OR UNDERGROUND. PVC RUNS LONGER THAN 20' SHALL INCLUDE EXPANSION FITTING(S).
	CIRCUIT HOME RUN
	FLEXIBLE METALLIC CONDUIT
	FACTORY WHIP
	NO CROSSBARS ON CONDUIT INDICATE 1/2" METALLIC CONDUIT WITH TWO #12 AWG THIN/THIN-2 CONDUCTORS & ONE #12 AWG THIN/THIN-2 GND., CROSSBARS INDICATE NUMBER OF #12 AWG THIN/THIN-2 CONDUCTORS IN CONDUIT IN ADDITION TO #12 AWG THIN/THIN-2 GND. CONDUCTOR SIZE OTHER THAN #12 NOTED ON DRAWING.
	CONDUCTORS AND CONDUIT TO BE REMOVED, UON.
	CONDUIT UP.
	EXAMPLE: THREE CIRCUITS IN HOME RUN - FOUR #10 AWG THIN/THIN-2 CONDUCTORS AND ONE #12 AWG THIN/THIN-2 GROUNDING CONDUCTOR IN 3/4" METALLIC CONDUIT.

LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	FIXT. VOLT.	LAMPS NO. TYPE	INPUT V.A.	MOUNTING	REMARKS
A	COOPER METALUX 24CZ2 30 UNV L835 CD 1 OR APPROVED EQUAL	MULTI	FURNISHED W/ FIXTURE	22.4	RECESSED LAY-IN CEILING	
AE	COOPER METALUX 24CZ2 30 UNV L835 CD 1 EL14W OR APPROVED EQUAL	MULTI	FURNISHED W/ FIXTURE	22.4	RECESSED LAY-IN CEILING	UNIT BATTERIES SHALL PROVIDE A SECONDARY SOURCE OF POWER FOR 90 MINUTES MINIMUM.
B	COOPER HALO LT6 08 9F623 IE WH DM R OR APPROVED EQUAL	MULTI	FURNISHED W/ FIXTURE	8.3	RECESSED CEILING	WET LOCATION & IC RATED
C	COOPER METALUX OHBL 24 SE MCL UNV L840 CD C6(1) WL54 OR APPROVED EQUAL	MULTI	FURNISHED W/ FIXTURE	138	SUSPENDED CEILING	VERIFY MOUNTING HEIGHT PRIOR TO INSTALL. WAVELENGTH INTEGRAL OCCUPANCY SENSOR OPTION INCLUDED.
V	HALYN MDL#1084DCBNDI	120V	1 E26	60	ABOVE MIRROR	DAMP RATED
⊗	COOPER SURE-LITES EUS61 OR APPROVED EQUAL	120/211	FURNISHED W/ FIXTURE	1	WALL ABOVE DOOR CEILING	UNIT BATTERIES SHALL PROVIDE A SECONDARY SOURCE OF POWER FOR 90 MINUTES MINIMUM.

ELECTRICAL SYMBOLS	
	LIGHT EMITTING DIODE LAY-IN LIGHT FIXTURE - RECESSED
	LIGHT EMITTING DIODE DOWNLIGHT FIXTURE - RECESSED
	HIGH BAY LED - SUSPENDED MOUNTED
	EXTERIOR LIGHT FIXTURE - WALL MOUNTED
	LIGHT EMITTING DIODE LIGHT FIXTURE - WALL MOUNTED
	BATTERY BACKUP EMERGENCY LIGHT
	EXIT SIGN, WALL MOUNTED ABOVE DOOR. SHADING INDICATES SIDE(S) WITH FACE(S).
	EXIT SIGN, CEILING MOUNTED. SHADING INDICATES SIDE(S) WITH FACE(S).
	EXIT SIGN DIRECTIONAL ARROW
NOTE: LETTER INDICATES FIXTURE TYPE - SEE FIXTURE SCHEDULE. SHADING = EMERGENCY FIXTURE. PROVIDE EMERGENCY BATTERY BALLAST. PROVIDE SWITCHED CONDUCTOR & HOT CONDUCTOR. NL = NIGHT LIGHT, PROVIDE UNSWITCHED HOT CONDUCTOR TO INTERIOR LIGHTS, EXTERIOR LIGHTS TO SWITCH ON/OFF BY PHOTOCELL OR ASTRONOMICAL TIME CLOCK AS NOTED IF MARKED 'NL'. PROVIDE UNSWITCHED HOT CONDUCTOR TO FEED EXIT AND EMERGENCY LIGHTING.	
	SINGLE POLE TOGGLE SWITCH, +46" UON
	DOUBLE POLE SINGLE THROW TOGGLE SWITCH, +46" UON
	THREE WAY TOGGLE SWITCH, +46" UON
	OCCUPANCY SENSOR, CEILING MOUNTED.
	DUAL LEVEL OCCUPANCY SENSOR, +46" UON
	DIMMING SWITCH, TYPE AS REQUIRED BY BALLAST / DRIVER, +46" UON
	TWO DIMMING SWITCHES IN ONE BOX, TYPE AS REQUIRED BY BALLAST / DRIVER, +46" UON
	WALL MOUNT DIMMING OCCUPANCY SENSOR, +46"
	SWITCH SUBSCRIPTS: a, b, c, etc. = DEVICE CONTROLLED.
	DIMMING SWITCH, NO. OF ZONES CONTROLLED DESIGNATED BY NUMBER OF SWITCH LEGS SHOWN.
	FUSED DISCONNECT SWITCH WITH TIME DELAY FUSES SIZED PER UNIT NAMEPLATE OR AS NOTED. DISCONNECT SHALL ACCEPT MAXIMUM ALLOWABLE FUSE SIZE. PROVIDE CONNECTION TO EQUIPMENT BEING SERVED, AND ALL INTERCONNECTING POWER WIRING BETWEEN COMPONENTS.
	DUPLEX RECEPTACLE, NEMA 5-15R, +18" UON
	230 VOLT, 1 PHASE RECEPTACLE, VERIFY NEMA CONFIGURATION & EXACT LOCATION, +18" UON
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-15R, +18" UON
RECEPTACLE SUBSCRIPTS: C = MOUNTED ABOVE COUNTER, COORDINATE W/ ARCHITECTURAL ELEVATIONS. G = GROUND FAULT CIRCUIT INTERRUPTER R = ROOF MOUNTED, WEATHERPROOF WHILE IN USE, GFCI W = WALL MOUNTED +46"	
	JUNCTION BOX, SIZE, TYPE AND PLATE AS REQUIRED
	COMBINATION TELE/DATA OUTLET +18" IN 4 11/16" SQUARE X 2 1/8" DEEP BOX W/ SINGLE GANG PLASTER RING & BLANK PLATE. STUB 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE. TERMINATE W/ INSULATED BUSHING. RING & STRING MAY BE SUBSTITUTED IN NON-RATED WALLS WITH UNOBSTRUCTED PATH TO ACCESSIBLE CEILING DIRECTLY ABOVE.
	DATA OUTLET +18" IN 4 11/16" SQUARE X 2 1/8" DEEP BOX W/ SINGLE GANG PLASTER RING & BLANK PLATE. STUB 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE. TERMINATE W/ INSULATED BUSHING. RING & STRING MAY BE SUBSTITUTED IN NON-RATED WALLS WITH UNOBSTRUCTED PATH TO ACCESSIBLE CEILING DIRECTLY ABOVE.
	CO ALARM, 120V W/ 10 YR BATTERY, CEILING MOUNTED.
	SMOKE ALARM, 120V W/ 10 YR BATTERY, CEILING MOUNTED.
	EXHAUST FAN, N.I.E.S. PROVIDE CONNECTION AS REQUIRED.
	SWITCHBOARD, SEE ONE LINE DIAGRAM
	BRANCH CIRCUIT PANEL, SEE PANEL SCHEDULES
	SIGNAL OR CONTROL PANEL, TYPE AS INDICATED
	IDENTIFICATION TAG FOR EQUIPMENT PROVIDED BY OTHERS. CONNECT EQUIPMENT AS INDICATED OR AS REQUIRED.
	NUMBERED NOTE TAG - SEE NUMBERED NOTES, SAME SHEET
	INDICATES DETAIL "A" AT SHEET "E1"

PANEL SCHEDULE											
120/240V, 1 Ph. 3W.											
(E) PANEL MAIN						SURFACE MOUNTED NEMA 1					
DESCRIPTION	KVA	BKR	CKT	Ph. A	Ph. B	CKT	BKR	KVA	DESCRIPTION	KVA	DESCRIPTION
200 AMP BUS	5.4		1A	5.4							
PANEL 'A'	6.6	100/2	3A				6.6				
PANEL 'E'	7.8	5A	7.8								
RECEPS BR/OFFICE	0.5	20/1	9A	0.5							
RECEPS	0.5	20/1	11A		0.5						
DOOR BELL	0.1	20/1	11B		0.1						
WELDER PLUG		50/2	13A								
SWAMP COOLER	0.4	15/1	15A		0.4						
LIGHTS	0.8	15/1	17A		0.8						
SPARE		15/1	17B								
RECEPS DAY ROOM	0.5	20/1	19A		0.5						
RECEPS BUNK ROOM	0.7	20/1	19B		0.7						
SPARE		15/1	21B								
RTU	3.4	70/2	23A								
GEN BATT CHRGR	0.2	20/1	27A								
GEN BLOCK HEATER	0.2	20/1	27B								
SPACE			29A								
SPACE			29B								
SPACE			31A								
SPACE			31B								
SPACE			33A								
SPACE			33B								
SPACE			35A								
SPACE			35B								
SPACE			37A								
SPACE			37B								
SPACE			39A								
SPACE			39B								
SUBTOTAL:				15.7	17.0						
CONNECTED LOAD	46.5 KVA										
25% LIGHTING LOAD	0.2 KVA										
25% LARGEST MOTOR	0.8 KVA										
1# 10.0 KVA RECEPTACLE LOAD @ 100%											
PLUS REMAINDER @ 50%											
TOTAL LOAD	47.6 KVA / 0.240 FACTC										198 AMPS
1. (E) BREAKER, (E) LOAD											
2. (E) BREAKER, NEW LOAD											
3. NEW BREAKER, NEW LOAD											

PANEL SCHEDULE											
120/240V, 1 Ph. 3W.											
(E) PANEL 'AR'						SURFACE MOUNTED NEMA 1					
DESCRIPTION	KVA	BKR	CKT	Ph. A	Ph. B	CKT	BKR	KVA	DESCRIPTION	KVA	DESCRIPTION
EXTRACTOR	1.0	20/1	1	4.0		2		50/2	3.0		DRYER
PANTRY/BUNK	1.1	20/1			4.1	4					
RECEP											
AIR COMPRESSOR	0.8	20/2		0.9		6	20/2	0.1			OUTSIDE COMP. LIGHT
RECEPS	0.7				0.7	8	20/2				AIR ROOM
SUBTOTAL:				4.9	4.8						
CONNECTED LOAD	9.7 KVA										
25% LIGHTING LOAD	0.0 KVA										
25% LARGEST MOTOR											
1# 10.0 KVA RECEPTACLE LOAD @ 100%											
PLUS REMAINDER @ 50%											
TOTAL LOAD	9.7 KVA / 0.240 FACTC										41 AMPS
1. (E) BREAKER, (E) LOAD											
2. NEW BREAKER, NEW LOAD											

PANEL SCHEDULE											
120/240V, 1 Ph. 3W.											
(E) PANEL 'A'						SURFACE MOUNTED NEMA 1					
DESCRIPTION	KVA	BKR	CKT	Ph. A	Ph. B	CKT	BKR	KVA	DESCRIPTION	KVA	DESCRIPTION
PANEL 'AR'	4.9	70/2	1	4.9		2	15/1				SPARE
SPACE					4.8	3		4	30/1		SPARE
SPACE						6		0.5	6	20/2	0.5 TV RECEPS
SPACE						7		0.5	8		HEATERS NOT IN USE/SPARE
SPACE						11			12	30/2	
SPACE						13			14	20/2	
RECEPS	0.7	20/2	15		1.2	16	20/2	0.5			COMPUTER
SUBTOTAL:					5.4	6.6					
CONNECTED LOAD	12.0 KVA										
25% LIGHTING LOAD											
25% LARGEST MOTOR											
1# 10.0 KVA RECEPTACLE LOAD @ 100%											
PLUS REMAINDER @ 50%											
TOTAL LOAD	12.0 KVA / 0.240 FACTC										50 AMPS
1. (E) BREAKER, (E) LOAD											
2. NEW BREAKER, NEW LOAD											

PANEL SCHEDULE											
120/240V, 1 Ph. 3W.											
(E) PANEL 'E'						SURFACE MOUNTED NEMA 1					
DESCRIPTION	KVA	BKR	CKT	Ph. A	Ph. B	CKT	BKR	KVA	DESCRIPTION	KVA	DESCRIPTION
LIGHTS	1.1	20/1	1A	1.7		2A	30/1	0.6			GARAGE EXHAUST
RH-1	0.2	20/1	1B	2.2		2B	30/2	2.0			OVEN
GO-1	0.8	20/1	3A		2.8	4A	30/2	2.0			
SPARE		20/1	3B		0.6	4B	30/1	0.6			GARAGE EXHAUST
SPARE		20/1	5A	1.0		6A	20/1	1.0			WASHER
(E) RECEPS	0.6	20/1	6B	1.5		6B	20/1	0.9			KITCHEN/BATH RECEP
(E) RECEPS	0.3	20/1	7A		0.3	8A	20/1				SPARE
MICROWAVE	1.0	20/1	7B		2.0	8B	20/1	1.0			DISHWASHER
SPARE		20/1	9A	1.0		10A	30/1	1.0			GARAGE
SPARE		20/1	9B	0.4		10B	20/1	0.4			12X12 DOOR
SPARE		20/1	11A		0.4	12A	20/1	0.4			12X12 DOOR
BACK HEAT	1.2	20/1	11B		2.2	12B	30/1	1.0			GARAGE
SUBTOTAL:				7.8	8.3						
CONNECTED LOAD	16.1 KVA										
25% LIGHTING LOAD	0.3 KVA										
25% LARGEST MOTOR											
1# 10.0 KVA RECEPTACLE LOAD @ 100%											
PLUS REMAINDER @ 50%											
TOTAL LOAD	16.4 KVA / 0.240 FACTC										68 AMPS
1. (E) BREAKER, (E) LOAD											
2. (E) BREAKER, NEW LOAD											



ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F

GENERAL NOTES

1. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
2. DIMENSIONS AND QUANTITIES WHERE SHOWN, ARE FOR ENGINEERING CALCULATIONS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR HIS OWN TAKE-OFF FOR THE PURPOSES OF BIDDING AND ORDERING.
3. THE ELECTRICAL TRADE SHALL VISIT JOB SITE AND VERIFY DIMENSIONS AND CONDITIONS BEFORE BIDDING. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
4. THE ELECTRICAL CONTRACTOR SHALL INCLUDE WITH HIS BID, THE METHOD FOR CALCULATING TOTAL CHANGE ORDER COSTS. INCLUDE THE STANDARD TO BE USED FOR MATERIAL PRICING ALONG WITH DISCOUNTS, LABOR COSTS, MARK-UPS, AND ETC. REQUESTS FOR CHANGE ORDER COMPENSATION MAY BE LIMITED IF THIS IS NOT PROVIDED AT THE TIME OF BID.
5. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY, AND NOT INTENDED TO SHOW ROUTING OF CABLES AND CONDUITS WHICH SHALL BE DETERMINED IN THE FIELD. U.O.N. DEVICES ARE NOT SHOWN TO SCALE, AND THEREFORE CANNOT ALWAYS BE SHOWN IN THEIR EXACT LOCATION.
6. THE ELECTRICAL DRAWINGS ARE NOT INTENDED TO SERVE AS STAND ALONE DOCUMENTS TO COMMUNICATE THE ENTIRE SCOPE OF ELECTRICAL WORK. THE ELECTRICAL CONTRACTOR SHALL OBTAIN A COMPLETE SET OF CONSTRUCTION DOCUMENTS INCLUDING ALL DRAWINGS, SPECIFICATIONS, AND MANUALS.
7. WORK INCLUDES ALL LABOR, MATERIALS AND EQUIPMENT TO REMOVE AND INSTALL ELECTRICAL ITEMS NECESSARY TO PROVIDE COMPLETE AND WORKING SYSTEMS.
8. THE FACILITY SHALL REMAIN IN OPERATION DURING ALL PHASES OF WORK WHERE SYSTEM SHUTDOWNS AND POWER OUTAGES ARE UNAVOIDABLE, SUCH WORK SHALL BE SCHEDULED WITH THE FACILITY MANAGER AND SHALL OCCUR AT SUCH TIMES AS TO CAUSE THE LEAST DISRUPTION OF NORMAL FACILITY FUNCTIONS. INCLUDE ALL PREMIUM LABOR IN BID PROPOSAL TO COVER WORK REQUIRED TO BE PERFORMED BEFORE OR AFTER "NORMAL" WORKING HOURS.
9. CONTRACTOR SHALL DEVELOP A PLAN FOR MAINTAINING POWER TO ALL LIFE SAFETY AND OTHER EMERGENCY SYSTEM LOADS DURING SCHEDULED SHUT DOWNS AND/OR DEVELOP A PLAN TO MAINTAIN SERVICES WHILE POWER IS OFF.
10. COORDINATE SEQUENCE OF WORK WITH ARCHITECT. MAKE ALL NECESSARY CONNECTIONS AS REQUIRED TO MAINTAIN POWER DURING THE STAGES OF WORK.
11. EXISTING DEVICES SHOWN WERE TAKEN FROM EXISTING DRAWINGS, NOT "AS BUILT" DRAWINGS AND LIMITED SITE SURVEYS, AND MAY NOT BE COMPLETELY ACCURATE. THE ELECTRICAL TRADE SHALL VISIT JOB SITE AND VERIFY CONDITIONS PRIOR TO BIDDING. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
12. BRANCH CIRCUITRY MAY NOT BE SHOWN FOR EXISTING DEVICES. THE ELECTRICAL TRADE SHALL RELOCATE EXISTING BRANCH CIRCUITRY AND MAKE ALL NECESSARY RECONNECTIONS AS REQUIRED TO FACILITATE REMODEL. VERIFY ALL WORK REQUIRED ON THE JOB AND RECORD ON RECORD DRAWINGS.
13. ALL ELECTRICAL WORK SHALL CONFORM WITH THE 2019 EDITION OF THE CALIFORNIA ELECTRICAL CODE AS WELL AS ALL LOCAL CODES & REQUIREMENTS.
14. ALL EQUIPMENT INSTALLED OR CONNECTED BY ELECTRICAL TRADE SHALL BE LABELED OR CERTIFIED FOR ITS USE BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
15. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING RECERTIFICATION OR RELABELING BY A NATIONALLY RECOGNIZED TESTING LABORATORY FOR ANY EQUIPMENT MODIFIED AS PART OF THIS WORK.
16. REFER TO THOSE DRAWINGS SHOWING OTHER WORK, AND COORDINATE PLACEMENT OF WORK WITH THAT OF OTHER TRADES. REPORT ANY CONFLICT TO ARCHITECT PRIOR TO INSTALLING WORK, ADJUST WORK AS DIRECTED BY ARCHITECT.
17. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATIONS OF EQUIPMENT. REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR POWER AND CONTROL REQUIREMENTS AND WIRING DIAGRAMS.
18. UNLESS WRAPPED W/ PUTTY PADS LISTED FOR THIS PURPOSE, BOXES PENETRATING RATED WALLS OR PARTITIONS SHALL BE 4" SQUARE MAX. AND SHALL BE SPACED A MINIMUM OF 24" APART. PROVIDE STAINLESS STEEL TRIM PLATES.
19. WHERE ELECTRICAL CONDUIT ENTERS A WALL, CEILING OR FLOOR, THE OPENING AROUND THE CONDUIT SHALL BE TIGHTLY SEALED.
20. CORE DRILL EXISTING WALLS AND FLOORS AS REQUIRED TO FACILITATE CONDUIT INSTALLATION. SEAL ALL PENETRATIONS WATER AND SMOKE TIGHT AND IN CONFORMANCE WITH CBC SECTION 709 AND C.E.C. 300-21. FIRE STOP MATERIAL SHALL BE A TESTED ASSEMBLY APPROVED BY THE FIRE MARSHAL. NO REBAR SHALL BE CUT DURING CORE DRILL OPERATION.
21. ALL EFFORTS SHALL BE MADE TO ENCLOSE ALL CONDUIT WITHIN THE WALLS. WHERE THIS IS NOT POSSIBLE, MULTIPLE RUNS OF CONDUIT SHALL BE FURRED IN, ENCASED IN AN APPROVED RACEWAY OR OTHER APPROVED, SEALED ENCLOSURE.
22. FLEXIBLE METALLIC CONDUIT MAY BE USED FOR BRANCH CIRCUITS WHERE METALLIC CONDUIT IS SHOWN. METAL CLAD CABLE MAY BE USED FOR BRANCH CIRCUITS WHERE CONCEALED WITHIN WALLS.
23. PROVIDE A GROUNDING CONDUCTOR IN ALL FLEXIBLE CONDUITS.
24. THE COMPLETE SYSTEM SHALL BE GROUNDED PER CEC ART. 250.
25. GENERAL PURPOSE 120V LIGHTING AND RECEPTACLE CIRCUITS OVER 60' LONG SHALL BE #10 CU, U.O.N. GENERAL PURPOSE 277V LIGHTING CIRCUITS OVER 105' LONG SHALL BE #10 CU, U.O.N.
26. PROVIDE TYPEWRITTEN SCHEDULES INDICATING LOAD DESCRIPTION FOR ALL CIRCUITS IN PANEL BOARDS.
27. CLEAN OUT AND REMOVE FROM SITE ALL SURPLUS MATERIALS AND DEBRIS RESULTING FROM THIS WORK.
28. COORDINATE ALL TRIM COLOR AND STYLE W/ ARCHITECT PRIOR TO ORDERING.

ENGINEER'S STAMP



CONSULTANT



PROJECT NAME

**COUNTY
FIRE STATION NO. 17
REMODEL**

PROJECT ADDRESS

**6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726**

DRAWING NAME

GENERAL NOTES

SUBMITTAL	DATE

NO	DATE	REVISION
△		
△		
△		
△		
△		
△		

DRAWN BY: JKM CHECKED BY:

DATE: 05/13/2022 SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

E0.2

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 11/19)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
This document is used to demonstrate compliance with requirements in §110.9, §110.12(c), §130.0, §130.1, §140.6, and §141.0(b)(2) for indoor lighting scopes using the prescriptive path.

Project Name: FIRE STATION NO. 17
Project Address: 6430 PONY EXPRESS TRAIL
Report Page: Page 1 of 9
Date Prepared: 6/16/2022

A. GENERAL INFORMATION

01 Project Location (city)	POLLOCK PINES	04 Total Conditioned Floor Area (ft ²)	2,440
02 Climate Zone	16	05 Total Unconditioned Floor Area (ft ²)	2,290
03 Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	1
<input type="checkbox"/> Office <input type="checkbox"/> Retail <input type="checkbox"/> Warehouse <input type="checkbox"/> High-Rise Residential <input type="checkbox"/> Relocatable		<input type="checkbox"/> Hotel/Motel <input type="checkbox"/> School <input type="checkbox"/> Healthcare <input type="checkbox"/> Other (write in):	<input checked="" type="checkbox"/> Support Areas

B. PROJECT SCOPE

Table Instructions: Include any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 or §141.0(b)(2) for alterations. WARNING: Changing the Calculation Method in this table will result in the deletion of data previously input. If you need to change the calculation method, please open a new form or use "Save As".

Scope of Work	Conditioned Spaces	Unconditioned Spaces
01	02	03
04	05	06
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)
<input checked="" type="checkbox"/> New Lighting System	Area Category	2,440
<input type="checkbox"/> Altered Lighting System	Area Category	2,290
Total Area of Work (ft²)	2,440	2,290

C. COMPLIANCE RESULTS

Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must be combined for compliance per §140.6(b)(1).	Allowed Lighting Power per §140.6(b) (Watts)				Total Allowed (Watts)	Adjusted Lighting Power per §140.6(a) (Watts)		Compliance Results		
	01	02	03	04		05	06		07	
Complete Building §140.6(c)(1) (See Table I)	Area Category §140.6(c)(2) (See Table J)	Area Category Additional §140.6(c)(2)(+) (See Table J)	Tailored §140.6(c)(3) (+) (See Table K)		≥	Total Designed (Watts) (See Table F)	PAF Control Credits §140.6(a)(2) (-) (See Table F)	≥	Total Adjusted (Watts) Includes Adjustments	05 Must be ≥ 08 §140.6
Conditioned:	1,222.25				1,222.25	≥	1,088.2		1,088.2	COMPLIES
Unconditioned:	1,488.5				1,488.5	≥	1,104		1,104	COMPLIES

Table Continued

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 11/19)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: FIRE STATION NO. 17
Project Address: 6430 PONY EXPRESS TRAIL
Report Page: Page 2 of 9
Date Prepared: 6/16/2022

Controls Compliance (See Table H for Details) **COMPLIES with Exceptional Conditions**

Rated Power Reduction Compliance (See Table Q for Details) **Not Applicable**

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Table H Indoor Lighting Controls Permit Applicant Notes:
APPARATUS ROOM 115: MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
DINING ROOM 109: MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
LAUNDRY ROOM 111: MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
MEDICAL SUPPLIES 113: MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
LOUNGE 112: MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
WEIGHT ROOM 103: MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
OFFICE 2 102: MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
RECEPTION 101: MULTI LEVEL EXEMPT: AREA LESS THAN 100 SQ.FT.
HALLWAY 114: MULTI LEVEL EXEMPT: AREA LESS THAN 100 SQ.FT. INSTALLED
BATHROOMS 106 & 107: MULTI LEVEL EXEMPT: AREA LESS THAN 100 SQ.FT.
KITCHEN 108: MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
PANTRY 110: MULTI LEVEL EXEMPT: AREA LESS THAN 100 SQ.FT.
OFFICE 1 105: MULTI LEVEL EXEMPT: AREA LESS THAN 100 SQ.FT. INSTALLED

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. INDOOR LIGHTING FIXTURE SCHEDULE

Table Instructions: Include all permanent designed lighting and all portable lighting in offices.

Designed Wattage: Conditioned Spaces

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change ¹	Watts per luminaire ²	How Wattage is determined	Total number luminaires	Exempt per §140.6(a)(3)	Design Watts	Field Inspector
A/AE	2X4 TROFFER	<input type="checkbox"/>	<input type="checkbox"/>	22.4	Mfr. Spec ²	41	<input type="checkbox"/>	918.4	<input type="checkbox"/>
B	6" DOWNLIGHT	<input type="checkbox"/>	<input type="checkbox"/>	8.3	Mfr. Spec ²	6	<input type="checkbox"/>	49.8	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 11/19)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: FIRE STATION NO. 17
Project Address: 6430 PONY EXPRESS TRAIL
Report Page: Page 3 of 9
Date Prepared: 6/16/2022

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change ¹	Watts per luminaire ²	How Wattage is determined	Total number luminaires	Exempt per §140.6(a)(3)	Design Watts	Field Inspector
V	BATHROOM VANITY	<input type="checkbox"/>	<input type="checkbox"/>	60	Mfr. Spec ²	2	<input type="checkbox"/>	120	<input type="checkbox"/>
Total Designed Watts CONDITIONED SPACES:									1,088.2

Designed Wattage: Unconditioned Spaces

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change ¹	Watts per luminaire ²	How Wattage is determined	Total number luminaires	Exempt per §140.6(a)(3)	Design Watts	Field Inspector
C	HIGH BAY LED	<input type="checkbox"/>	<input type="checkbox"/>	138	Mfr. Spec ²	8	<input type="checkbox"/>	1,104	<input type="checkbox"/>
Total Designed Watts UNCONDITIONED SPACES:									1,104

¹FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per §140.6(a)(3) is adjusted to be 75% of their rated wattage. Table F automatically makes this adjustment; the permit applicant should enter full rated wattage in column 05.
² Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c). Wattage used must be the maximum rated for the luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS

This Section Does Not Apply

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Table Instructions: Please include lighting controls for conditioned and unconditioned spaces in this table. When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

Building Level Controls

01	02	03
Mandatory Demand Response §110.12(c)	Shut-Off Controls §130.1(c)	Field Inspector
Not Required ≤ 10,000 SF	See Area/Space Level Controls	<input type="checkbox"/>

Area Level Controls

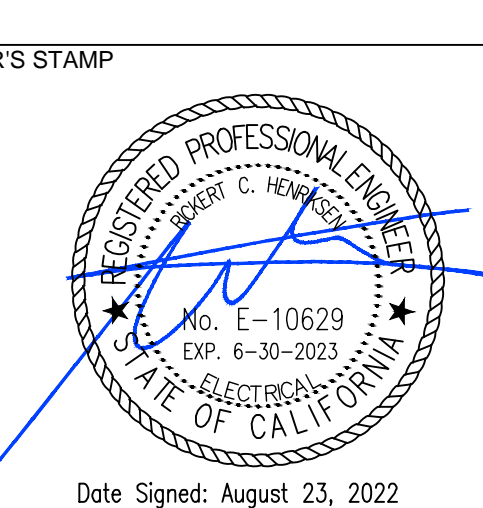
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019



ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F



Date Signed: August 23, 2022

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 11/19)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: FIRE STATION NO. 17
Project Address: 6430 PONY EXPRESS TRAIL
Report Page: Page 4 of 9
Date Prepared: 6/16/2022

04	05	06	07	08	09	10	11	12
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(a)	Multi-Level Controls §130.1(b)	Shut-Off Controls §130.1(c)	Primary/Skylight Daylighting §130.1(d)	Secondary Daylighting §140.6(d)	Interlocked Systems §140.6(a)	Field Inspector
APPARATUS ROOM 115	All Other Space Types	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
DINING ROOM 109	Dining - Family	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
LAUNDRY ROOM 111	Laundry	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
MEDICAL SUPPLIES 113	All Other Space Types	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
LOUNGE 112	Lounge	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
BUNK ROOM 104	All Other Space Types	Manual ON/OFF	Dimmer	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
WEIGHT ROOM 103	Exercise Center, Gymnasium	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
OFFICE 2 102	Office (≤ 250 square feet)	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
RECEPTION 101	Main Entry Lobby	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
HALLWAY 114	Corridor	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
BATHROOMS 106 & 107	Restroom	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
KITCHEN 108	Kitchen, Food Preparation	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
PANTRY 110	All Other Space Types	Manual ON/OFF	Exempt*	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
BUNK ROOM 105A	All Other Space Types	Manual ON/OFF	Dimmer	Occ. Sensor	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 11/19)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: FIRE STATION NO. 17
Project Address: 6430 PONY EXPRESS TRAIL
Report Page: Page 5 of 9
Date Prepared: 6/16/2022

OFFICE 1 105 Office (≤ 250 square feet) Manual ON/OFF Exempt* Occ. Sensor NA NA

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
Ex: Conference 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting;
EXCEPTION 1 to §130.1(d)(2)

APPARATUS ROOM 115 MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
DINING ROOM 109 MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
LAUNDRY ROOM 111 MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
MEDICAL SUPPLIES 113 MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
LOUNGE 112 MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
WEIGHT ROOM 103 MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
OFFICE 2 102 MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
RECEPTION 101 MULTI LEVEL EXEMPT: AREA LESS THAN 100 SQ.FT.
HALLWAY 114 MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
BATHROOMS 106 & 107 MULTI LEVEL EXEMPT: AREA LESS THAN 100 SQ.FT.
KITCHEN 108 MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED
PANTRY 110 MULTI LEVEL EXEMPT: AREA LESS THAN 100 SQ.FT.
OFFICE 1 105 MULTI LEVEL EXEMPT: LESS THAN 0.5W/SQ.FT. INSTALLED

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Table Instructions: Complete the table for each area complying using the Complete Building or Area Category Methods per §140.6(b). Indicate if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used.

Conditioned Spaces

01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowances / Adjustment
DINING ROOM 109	Dining - Family	0.5	106	53	<input type="checkbox"/>
LAUNDRY ROOM 111	Laundry	0.45	141	63.45	<input type="checkbox"/>
MEDICAL SUPPLIES 113	All Other Space Types	0.4	190	76	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 11/19)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: FIRE STATION NO. 17
Project Address: 6430 PONY EXPRESS TRAIL
Report Page: Page 6 of 9
Date Prepared: 6/16/2022

01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowances / Adjustment
LOUNGE 112	Lounge	0.65	320	208	<input type="checkbox"/>
BUNK ROOM 104	All Other Space Types	0.4	330	132	<input type="checkbox"/>
WEIGHT ROOM 103	Exercise Center, Gymnasium	0.5	295	147.5	<input type="checkbox"/>
OFFICE 2 102	Office (≤ 250 square feet)	0.7	137	95.9	<input type="checkbox"/>
RECEPTION 101	Main Entry Lobby	0.85	80	68	<input type="checkbox"/>
HALLWAY 114	Corridor	0.6	115	69	<input type="checkbox"/>
BATHROOMS 106 & 107	Restroom	0.65	135	87.25	<input type="checkbox"/>
KITCHEN 108	Kitchen, Food Preparation	0.95	75	71.25	<input type="checkbox"/>
PANTRY 110	All Other Space Types	0.4	96	38.4	<input type="checkbox"/>
BUNK ROOM 105A	All Other Space Types	0.4	77	30.8	<input type="checkbox"/>
OFFICE 1 105	Office (≤ 250 square feet)	0.7	116	81.2	<input type="checkbox"/>
TOTAL:		2.213	2,213	1,222.25	See Tables J or P for detail

Unconditioned Spaces

01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowances / Adjustment
APPARATUS ROOM 115	General Commercial and Industrial Work - High Bay	0.65	2,290	1,488.5	<input type="checkbox"/>
TOTAL:		2.290	2,290	1,488.5	See Tables J or P for detail

J. ADDITIONAL LIGHTING ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This Section Does Not Apply

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This Section Does Not Apply

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 11/19)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: FIRE STATION NO. 17
Project Address: 6430 PONY EXPRESS TRAIL
Report Page: Page 7 of 9
Date Prepared: 6/16/2022

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This Section Does Not Apply

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This Section Does Not Apply

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS

This Section Does Not Apply

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This Section Does Not Apply

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This Section Does Not Apply

Q. RATED POWER REDUCTION COMPLIANCE FOR ALTERATIONS

This Section Does Not Apply

R. 80% LIGHTING POWER FOR ALTERATIONS - CONTROLS EXCEPTIONS

This Section Does Not Apply

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This Section Does Not Apply

T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www2.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCC-LTI-E

YES	NO	Form/Title	Field Inspector
			Pass Fail
<input checked="" type="radio"/>	<input type="radio"/>	NRCC-LTI-01-E - Must be submitted for all buildings	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 11/19)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: FIRE STATION NO. 17
Project Address: 6430 PONY EXPRESS TRAIL
Report Page: Page 8 of 9
Date Prepared: 6/16/2022

<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	<input type="checkbox"/>

U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attca/providers.html>

YES	NO	Form/Title	Field Inspector
			Pass Fail
<input checked="" type="radio"/>	<input type="radio"/>	NRCC-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-03-A - Must be submitted for automatic daylight controls.	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-04-A - Must be submitted for demand responsive lighting controls.	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-ENV-03-F - Must be submitted for daylighting design power adjustment factors (PAF).	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 11/19)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: FIRE STATION NO. 17
Project Address: 6430 PONY EXPRESS TRAIL
Report Page: Page 9 of 9
Date Prepared: 6/16/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete

Documentation Author Name: RICKERT HENRIKSEN
Signature Date: 6/16/2022
Address: 10555 OLD PLACERVILLE ROAD
City/State/Zip: SACRAMENTO, CA 95827
Phone: 916-368-4468

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: RICKERT HENRIKSEN
Signature Date: 6/16/2022
Company: SACRAMENTO ENGINEERING CONSULTANTS
Address: 10555 OLD PLACERVILLE ROAD
City/State/Zip: SACRAMENTO, CA 95827
Phone: 916-368-4468

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

ENGINEER'S STAMP

PROJECT NAME: COUNTY FIRE STATION NO. 17 REMODEL

PROJECT ADDRESS: 6430 PONY EXPRESS TRAIL, POLLOCK PINES, CA 95726

DRAWING NAME: CA TITLE 24 COMPLIANCE DOCS INTERIOR LIGHTING

NO	DATE	REVISION
△		
△		
△		
△		
△		
△		

DRAWN BY: JMM CHECKED BY: R

DATE: 05/13/2022 SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

E0.3



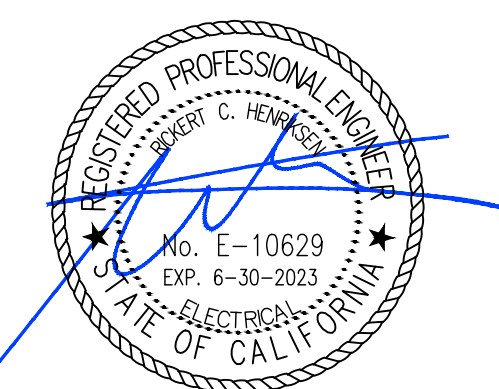
LIGHTING NOTES

- LAMP COLOR SHALL BE COORDINATED BETWEEN ALL FIXTURES SUPPLIED. COLOR OF ALL NEW LAMPS SUPPLIED SHALL BE COORDINATED WITH (E) BUILDING STANDARD IF ANY.
- COORDINATE DIMMING SWITCH SELECTION AND WIRING REQUIREMENTS WITH DIMMING DRIVER.
- PROVIDE UNSWITCHED HOT CONDUCTOR FOR BATTERY BALLASTS, EXIT SIGNS, AND NIGHT LIGHTS.
- THE EXACT MOUNTING LOCATION FOR ALL LIGHT FIXTURES SHALL BE DETERMINED FROM THE ARCHITECTURAL REFLECTED CEILING PLANS. VERIFY MOUNTING HEIGHTS OF SUSPENDED FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
- THE ELECTRICAL TRADE SHALL BE RESPONSIBLE FOR VERIFYING THE CEILING CONDITIONS AND TYPE OF FIXTURE MOUNTING REQUIRED PRIOR TO ORDERING FIXTURES. DETERMINATION SHALL BE MADE FROM THE ARCHITECTURAL REFLECTED CEILING PLANS.

NUMBERED NOTES

- (E) EXTERIOR FLOOD TYPE FIXTURE. RELOCATE EXISTING CONDUIT, CONDUCTORS, & EQUIPMENT TO INSIDE OF EXTERIOR WALL FOR INSTALLATION OF NEW EXTERIOR SIDING. SEAL ALL PENETRATIONS WEATHER AND WATERPROOF.
- (N) EXTERIOR FLOOD TYPE FIXTURE. TYPE TO MATCH EXISTING. CONNECT TO (E) EXTERIOR LIGHTING CIRCUIT. CONDUIT, CONDUCTORS, AND EQUIPMENT TO BE LOCATED ON INSIDE OF EXTERIOR WALL. SEAL ALL PENETRATIONS WEATHER AND WATERPROOF.

ENGINEER'S STAMP



Date Signed: August 23, 2022

CONSULTANT



PROJECT NAME

COUNTY
FIRE STATION NO. 17
REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

DRAWING NAME

LIGHTING
PLAN

SUBMITTAL

DATE

NO	DATE	REVISION

DRAWN BY: JKM

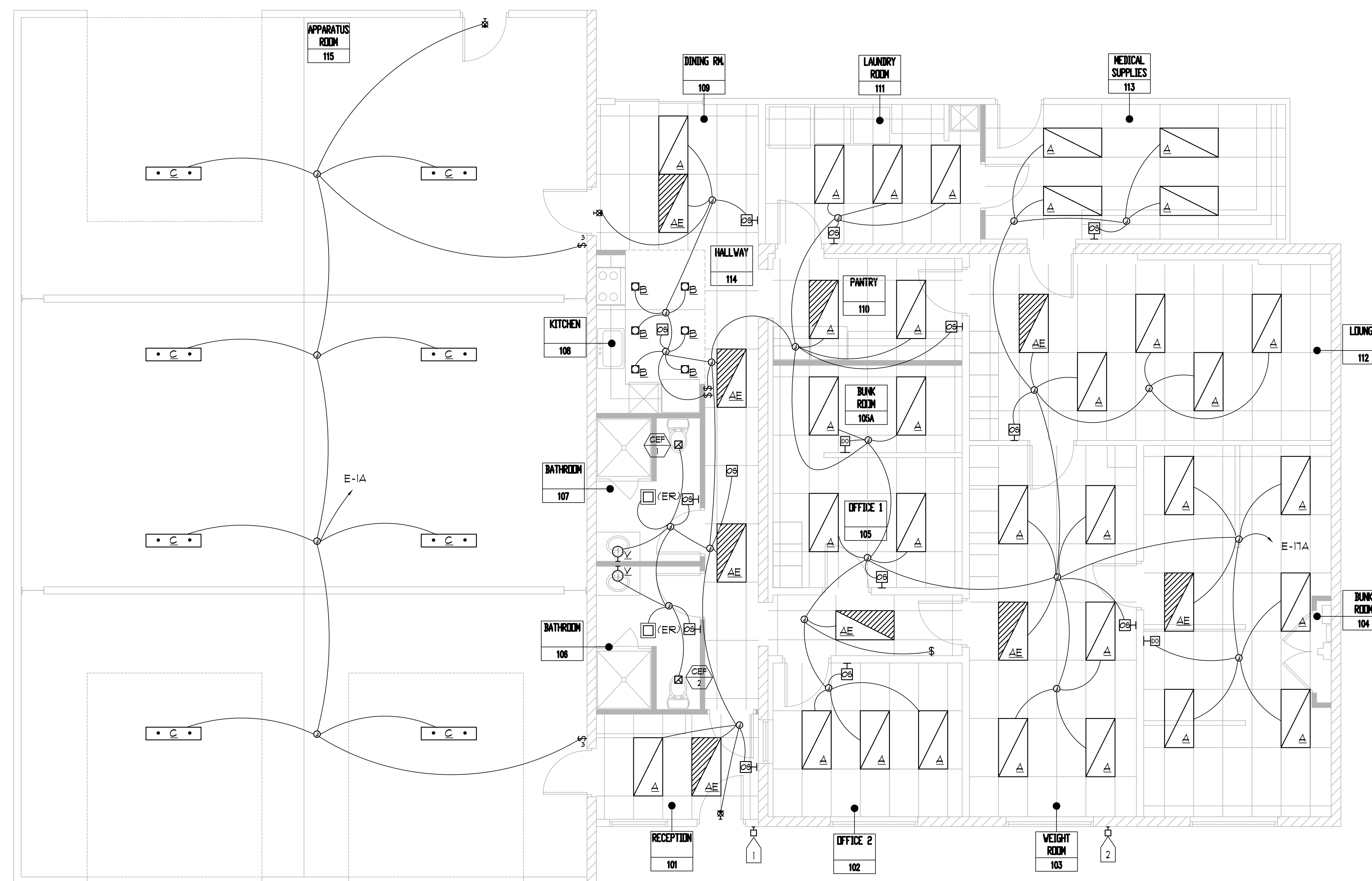
CHECKED BY: R

DATE: 05/13/2022

SCALE: NOTED

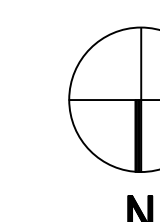
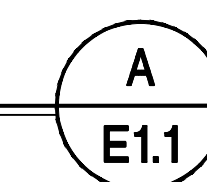
PROJECT NUMBER: 202103

DRAWING NUMBER:



LIGHTING PLAN

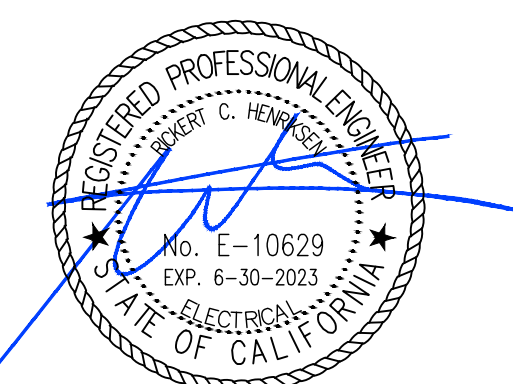
SCALE: 1/4"=10'



E1.1



ENGINEER'S STAMP



Date Signed: August 23, 2022

CONSULTANT



PROJECT NAME

COUNTY
FIRE STATION NO. 17
REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

DRAWING NAME

POWER SIGNAL
PLAN

SUBMITTAL

DATE

NO DATE REVISION

NO	DATE	REVISION

DRAWN BY: JKM

CHECKED BY: R

DATE: 05/13/2022

SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

POWER & SIGNAL NOTES

1. SECURE EQUIPMENT AND DEVICES THAT ARE NOT PROPERLY SECURED.
2. REPLACE DAMAGED OR MISSING COVERS, PLATES, FILLER BLANKS, DEVICES & ETC.
3. CLEAN INTERIORS OF ELECTRICAL PANELS & ENCLOSURES. REPAIR DAMAGED COMPONENTS. SEAL UNUSED OPENINGS, AND REPLACE MISSING COVERS. PAINT ELECTRICAL GRAY TO RESTORE TO ORIGINAL CONDITION.
4. REPLACE DAMAGED OR MISSING NAMEPLATES.
5. VERIFY ALL OUTLET LOCATIONS PRIOR TO ROUGH-IN.
6. PROVIDE RECEPTACLE MATCHING THE NEMA CONFIGURATION OF THE FACTORY INSTALLED CORD AND PLUG FOR ALL EQUIPMENT SUPPLIED.
7. PROVIDE 50 CORD AND PLUG TO MATCH NEMA CONFIGURATION OF RECEPTACLE FOR ALL PORTABLE EQUIPMENT SUPPLIED WITHOUT A FACTORY INSTALLED CORD AND PLUG.
8. PROVIDE A HARDWIRED CONNECTION TO ALL NON-PORTABLE EQUIPMENT SUPPLIED WITHOUT A FACTORY INSTALLED CORD AND PLUG.
9. PROVIDE GFCI PROTECTION AT ALL LOCATIONS REQUIRED BY CEC 210.8 AND ELSEWHERE WITHIN THE CODE.
10. SAFETY SWITCHES SHALL BE SIZED TO ACCEPT THE LARGEST FUSE ALLOWED TO PROTECT THE EQUIPMENT SERVED AND SHALL BE HEAVY DUTY WITH CLASS 'R' REJECTION FUSE CLIPS.
11. PROVIDE H.A.C.R. RATED CIRCUIT BREAKERS FOR ALL HEATING, AIR CONDITIONING, AND REFRIGERATION EQUIPMENT.
12. RELOCATE EXISTING LOAD AND CIRCUIT WHERE LABELED AS "(ER)". PROVIDE NEW DEVICE AND PLATE.
13. DATA AND COMMUNICATION INSTALLATION TO BE PROVIDED BY OTHERS.

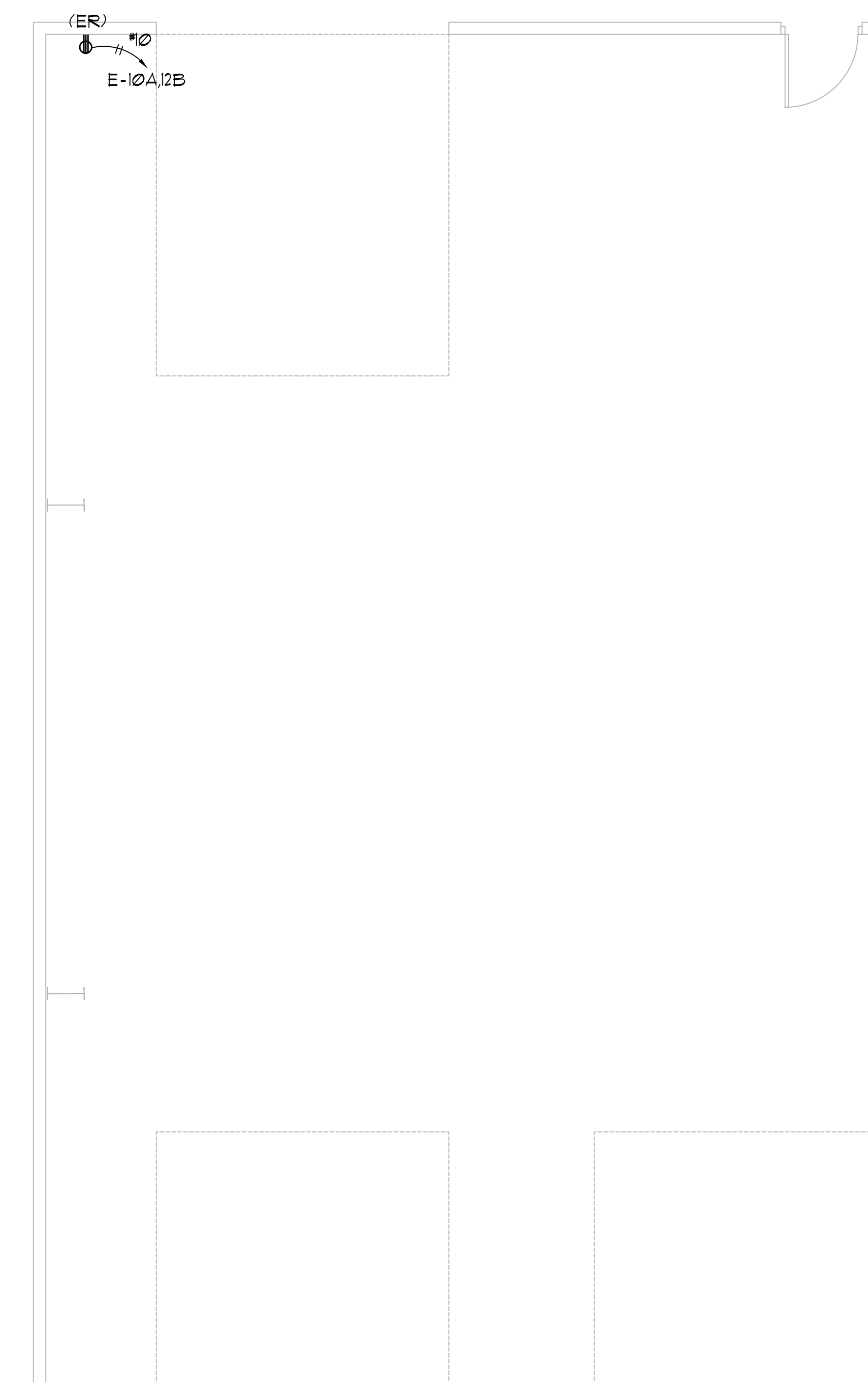
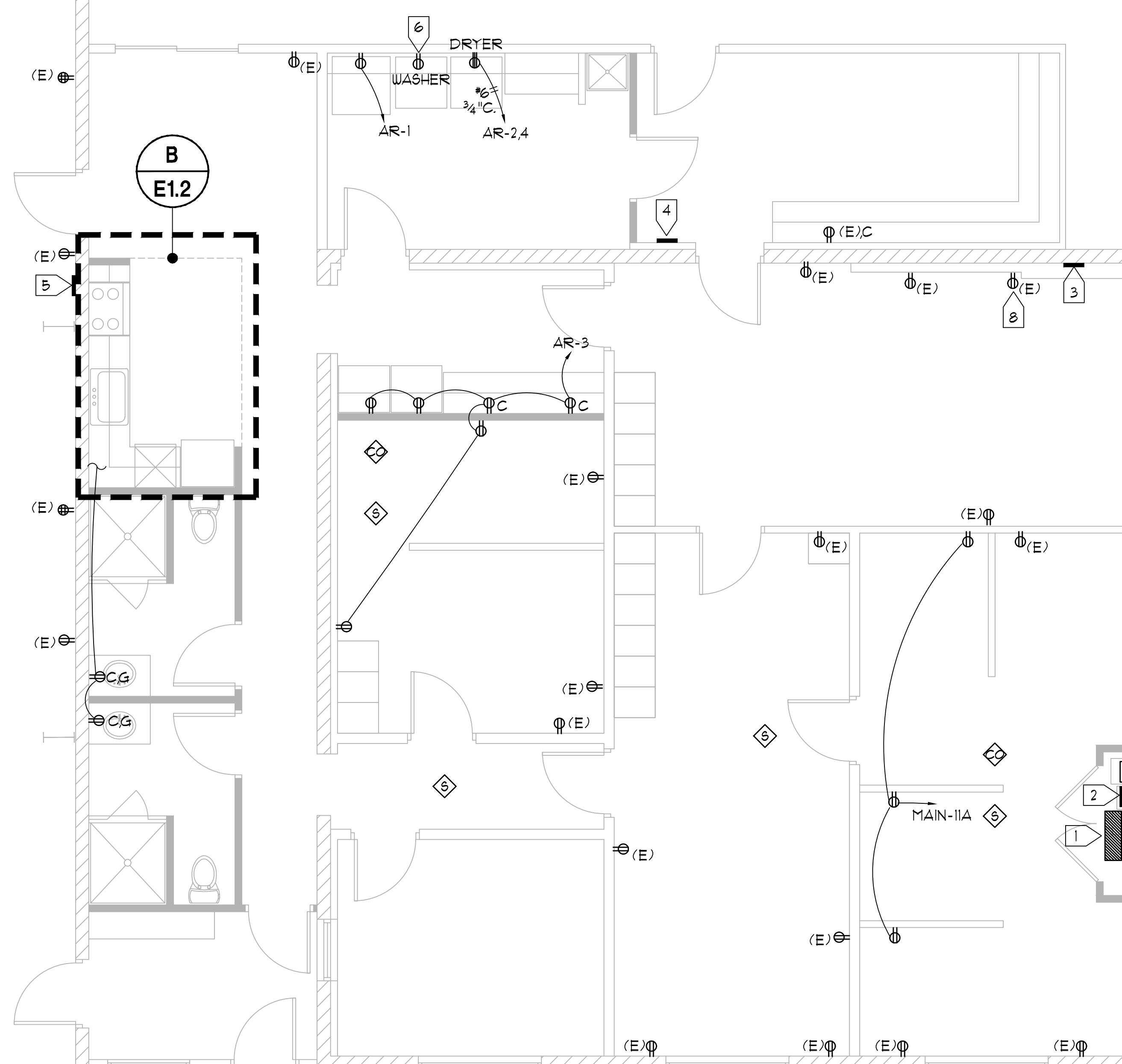
NUMBERED NOTES

- 1 (E) METER/MAIN
- 2 (E) PANEL 'MAIN'
- 3 (E) PANEL 'A'
- 4 (E) PANEL 'AR'
- 5 (E) PANEL 'E'
- 6 (E) LOAD RELOCATED. PROVIDE NEW RECEPTACLE, BOX, CONDUIT, AND CONDUCTORS. SEE PANEL SCHEDULE 'E'
- 7 PROVIDE CONNECTION PER MFR.
- 8 REPLACE EXISTING ROMEX WITH METALLIC CONDUIT CONCEALED IN WALLS OR ABOVE CEILING. PATCH FINISH TO MATCH EXISTING AS REQUIRED. TYP.

ENLARGED KITCHEN PLAN

SCALE: 1/2"=1'0"

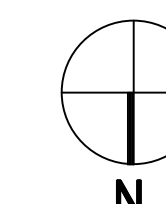
B
E1.2



POWER & SIGNAL PLAN

SCALE: 1/4"=1'0"

A
E1.2



E1.2

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
	DETAIL NUMBER
	SHEET ON WHICH DETAIL IS FOUND
	DUCT RISE
	DUCT DROP
	OUTSIDE AIR
	SUPPLY AIR
	RETURN AIR
	BALANCE DAMPER
	DIAMETER OR PHASE
	FLEXIBLE DUCT
	DUCT - DIMENSION SHOWN X WIDTH OR HEIGHT NOT SHOWN
	ACOUSTICAL LINED DUCTING
	DUCT TRANSITION
	SUPPLY AIR DIFFUSER, RETURN OR EXHAUST AIR GRILLE
	THERMOSTAT
	RELOCATE
	MOTORIZED DAMPER
	EXISTING PIPING OR FIXTURE TO BE REMOVED OR ABANDONED IN PLACE
	POINT OF CONNECTION
ABC	ABOVE CEILING
AE	AIR EXTRACTOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AP	ACCESS PANEL
UCD	UNDER CUT DOOR
CD	CONDENSATE DRAIN
CFM, /	CUBIC FEET OF AIRFLOW PER MINUTE
CLG.	CEILING
(E), EXISTING	EXISTING TO BE FIELD VERIFIED BY CONTRACTOR
FA, TA	FROM ABOVE, TO ABOVE
FB, TB	FROM BELOW, TO BELOW
FC	FLEXIBLE CONNECTION
F.F.	FINISHED FLOOR
	FIRE SMOKE DAMPER
/FT	PER FOOT
(N)	NEW
NIMC	NOT IN MECHANICAL CONTRACT
N.T.S.	NOT TO SCALE
O.B.D.	OPPOSED BLADE DAMPER
REF	REFERENCE
	SMOKE DETECTOR
TYP.	TYPICAL

GRILLE SCHEDULE	
SYMBOL	DESCRIPTION
SDL	TITUS MODEL TDC OR EQUAL, LOUVERED FACE, ALL STEEL CONSTRUCTION LAY-IN 24"x24" T-BAR FRAME, WITH OPPOSED BLADE DAMPER, STANDARD WHITE FINISH.
RDL	TITUS MODEL 50F OR EQUAL, EGG-CRATE FACE, 1/2" x 1/2" x 1/2" ALUMINUM GRID, LAY-IN 24"x24" T-BAR FRAME, WITH OPPOSED BLADE DAMPER, STANDARD WHITE FINISH.
NOTES:	<p>COORDINATE WITH ARCHITECT FOR PAINT FINISH REQUIREMENTS FOR ALL DIFFUSERS, GRILLES, AND REGISTERS.</p> <p>BLOW PATTERN AS INDICATED ON PLAN. (SEE ARROWS).</p> <p>REFER TO ARCHITECTURAL PLAN FOR EXACT DIFFUSER, GRILLE AND REGISTER LOCATIONS.</p> <p>CONTRACTOR SHALL COORDINATE DIFFUSER LOCATION WITH ALL OTHER TRADES AND CONDITIONS.</p> <p>CONTRACTOR SHALL TRANSITION DUCTWORK TO DIFFUSER, REGISTER AND GRILLE NECK SIZES AS REQUIRED.</p>

GENERAL MECHANICAL NOTES

- ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL BE EQUAL IN QUALITY, TYPE, CAPACITY EFFICIENCY AND ACCESSORIES TO THE EQUIPMENT NOTED ON THE DRAWINGS. ADJUSTMENTS TO CONSTRUCTION AND ACCESSORIES ON SUBSTITUTED EQUIPMENT MAY BE REQUIRED TO ACHIEVE THIS EQUALITY, AND SHALL BE INCLUDED AT NO EXTRA COST TO THE OWNER. MAKE ANY CHANGES IN DUCTWORK, PIPING, FRAMING, ETC., AS REQUIRED TO ACCOMMODATE SUBSTITUTED EQUIPMENT.
- INSTALL ALL EQUIPMENT AND MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES. APPLICABLE CODES SHALL INCLUDE, BUT NOT BE LIMITED TO THE 2019 CALIFORNIA MECHANICAL CODE, 2019 CALIFORNIA CODE OF REGULATIONS (CCR), 2019 CALIFORNIA FIRE REGULATIONS, 2019 CALIFORNIA GREEN BUILDING STANDARDS AND 2019 CALIFORNIA TITLE 24 ENERGY EFFICIENCY STANDARDS. WHERE HEAVIER GAGES OF MATERIAL, LARGER SIZES OR MORE STRINGENT REQUIREMENTS THAN THE CODES ARE REQUIRED BY THE CONTRACT DOCUMENTS, SUCH INCREASED REQUIREMENTS SHALL APPLY.
- FABRICATE AND INSTALL ALL DUCTWORK IN ACCORDANCE WITH THE LATEST EDITION OF SMACNA GUIDELINES FOR DUCT CONSTRUCTION AND THE 2019 CALIFORNIA MECHANICAL CODE. ALL DUCT JOINTS INCLUDING MECHANICAL FLANGED JOINTS SHALL BE SEALED WITH SILVER TAPE, OR ARABOL AND CANVAS. SEAL THE JOINTS OF ALL DUCTS EXPOSED TO THE WEATHER WITH ARABOL AND CANVAS. PROVIDE ALL BRANCH DUCTS WITH VOLUME DAMPERS WITH LOCKING QUADRANTS LOCATED AT LEAST FIVE FEET (5') FROM THE GRILLE OR DIFFUSER SERVED.
- SUPPORTS FOR ALL PIPING AND DUCTWORK SHALL BE IN ACCORDANCE WITH SMACNA "GUIDELINES FOR SEISMIC RESTRAINT OF MECHANICAL SYSTEMS". CONTRACTOR SHALL PROVIDE CALCULATIONS FOR ISOLATORS AND MOUNTING ACCEPTABLE TO THE REVIEWING AUTHORITY WHEN REQUIRED BY SAME.
- ALL RECTANGULAR OR ROUND RIGID DUCTS SHALL BE OF SMACNA GAGE GALVANIZED STEEL OR ALUMINUM, UNLESS OTHERWISE NOTED ON THE DRAWINGS. PROVIDE FLAT SEAM CONSTRUCTION FOR ANY DUCTS EXPOSED IN OCCUPIED SPACE. NOTE: ALUMA-FLEX IS NOT ACCEPTABLE IN LIEU OF ROUND RIGID DUCTWORK.
- FLEXIBLE DUCTS WHERE PERMITTED SHALL BE GENFLEX IL, THERMAFLEX G-KM, CASCO OR EQUAL FACTORY INSULATED. FLEXIBLE DUCT SHALL NOT EXCEED 5'-0" IN LENGTH. INSULATE ALL SUPPLY AND RETURN DUCTS WITH 2" THICK, 3/4 PCF DENSITY O-C F OR EQUAL, FIBERGLASS DUCT WRAP, TYPE IV, WITH FACTORY APPLIED FLAME RETARDANT FOIL REINFORCED KRAFT FACING. LAP ALL JOINT 4" MINIMUM, AND SECURE WITH GALVANIZED STEEL WIRE.
- LINE ALL SUPPLY AND RETURN DUCT DROPS FOR A MINIMUM OF 10' FROM THE UNIT WITH 1" THICK O-C F AEROFLEX TYPE 200 OR EQUAL ACOUSTIC DUCT LINER. INSTALL WITH 100% COVERAGE ADHESIVE, AND FURTHER APPLY MECHANICAL PIN FASTENERS WHERE DUCT SIDE EXCEEDS 24". DUCT DIMENSIONS ARE NET INTERNAL DIMENSION. SEAL BUTT ENDS OF EXPOSED INSULATION IN THE DUCTS WITH MANUFACTURERS RECOMMENDED SEALANT OR ADHESIVE.
- FILTERS: IN MECHANICALLY VENTILATED BUILDINGS, PROVIDE REGULARLY OCCUPIED AREAS OF THE BUILDING WITH AIR FILTRATION MEDIA FOR OUTSIDE AND RETURN AIR THAT PROVIDES AT LEAST A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF 13. MERV 13 FILTERS SHALL BE INSTALLED PRIOR TO OCCUPANCY, AND RECOMMENDATIONS FOR MAINTENANCE WITH FILTERS OF THE SAME VALUE SHALL BE INCLUDED IN THE OPERATION AND MAINTENANCE MANUAL. EXCEPTIONS: EXISTING MECHANICAL EQUIPMENT.
- CONTROLS SHALL COMPLY WITH THE 2019 CALIFORNIA ENERGY CODE. ALL CONTROLS AND CONTROL WIRING NOT SPECIFICALLY SHOWN BUT REQUIRED FOR A COMPLETE AND WORKABLE SYSTEM SHALL BE SUPPLIED BY THE CONTRACTOR AND INSTALLED AT NO ADDITIONAL COST TO THE OWNER.
- ALL AIR SYSTEMS SHALL BE BALANCED BY A QUALIFIED MECHANICAL CONTRACTOR, USING AABC, SMACNA OR NEBB PROCEDURES. AIR QUANTITIES SHALL BE BALANCED TO NOT MORE THAN 10% ABOVE OR 10% BELOW THE QUANTITIES SHOWN ON THE DRAWINGS. CONTRACTOR SHALL SUBMIT A COMPLETE AIR BALANCE REPORT INDICATING, AS A MINIMUM, THE AIR DELIVERY FOR EACH DIFFUSER, THE FINAL OPERATING DATA FOR THE SYSTEMS AND THE AIR CONDITIONING UNITS.
- SUBMIT FOR APPROVAL (6) COPIES OF COMPLETE SUBMITTAL DATA ON SPECIFIED AND PROPOSED EQUIPMENT AND MATERIALS. SUBMITTALS SHALL INCLUDE EQUIPMENT SIZES, CAPACITY, MOTOR LOCATIONS, PERFORMANCE CURVES AND OTHER PERTINENT DATA. EACH SUBMITTAL SHALL INCLUDE IDENTIFICATION TAGS OR SYMBOLS TO MATCH DWGS. PARTIAL SUBMITTALS OR SUBMITTALS WHICH ARE NOT MARKED WITH EQUIPMENT TAGS OR PERFORMANCE DATA WILL BE REJECTED.
- PROVIDE PERMANENT ENGRAVED PLASTIC NAME PLATED FOR ALL EQUIPMENT INSTALLED, INDICATING THE PLAN DESIGNATION OF THE UNIT (AC-1, REF, ETC.) AND ALSO THE BUILDING AREA SERVED (CLASSROOMS 2-4, CONFERENCE ROOM, ETC.). STAMPED METAL TAPES APPLIED WITH SELF-CONTAINED ADHESIVE WILL NOT BE ACCEPTABLE.
- CONTRACTOR SHALL VERIFY ALL WORK CONDITIONS PRIOR TO COMMENCING WORK, INCLUDING, BUT NOT LIMITED TO: DIMENSIONS, EQUIPMENT, STRUCTURAL ELEMENTS AND MATERIALS INDICATED AS EXISTING, AS WELL AS THE COORDINATED INSTALLATION OF ALL NEW WORK, MATERIALS, EQUIPMENT, ETC. COORDINATE THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT WITH THE STRUCTURAL ENGINEER.
- CONTRACTOR SHALL FIELD COORDINATE AND INSTALL PACKAGED ROOFTOP EQUIPMENT TO MAINTAIN A MINIMUM OF 10'-0" CLEARANCE FROM OUTSIDE AIR INTAKE TO ALL EXHAUST OUTLETS AND (VTR) VENT THRU ROOF, TYPICAL.
- SUBMITTAL NOTE: MECHANICAL SYSTEMS DESIGN REFLECT EQUIPMENT SPECIFIED. WHEN EQUIPMENT SUBSTITUTIONS OCCUR AND DUCT DESIGN, DUCT DROPS, GAS INPUT AND ELECTRICAL SERVICE VARIES FROM THAT SPECIFIED, THEN IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR FOR ALL ADDITIONAL ENGINEERING FEES AND OTHER DISCIPLINE CHANGE ORDERS (STRUCTURAL, ELECTRICAL, ARCHITECTURAL, PLUMBING, ETC.) WHEN SUBSTITUTED EQUIPMENT IS USED.

EQUIPMENT SCHEDULE	
SYMBOL	DESCRIPTION
	MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL EQUIPMENT IN THIS SCHEDULE OR THEIR APPROVED EQUIVALENT.
	<p>DELTA BREEZE MODEL NO.: 91G80-110MHLR OR EQUAL AIR FLOW SETTING: 80/110 CFM AT 0.1 S.F.P. ELECTRICAL SERVICE: 120 V/1 PH/60 HZ, 1 AMP 2 STAGE 1) 50 CFM CONTINUOUS FAN OPERATION 2) 80 CFM OCCUPIED FAN OPERATION (SENSORED) WEIGHT: 10 LBS. FURNISH: SENSOR, DC MOTOR, HUMIDISTAT CONTROL, BACKDRAFT DAMPER, INTERCONNECTING DUCT, INHERENT THERMAL MOTOR PROTECTION, TIME-DELAY SWITCH, ROOF(WALL)CAP, (ON-OFF SWITCH) SPEED CONTROLLER MOUNTED ON UNIT CASING, ASHRAE 62.2 LOCAL AND WHOLE BUILDING CONTINUOUS AND INTERMITTENT FAN OPERATION.</p>
(E) RTU	<p>HOOD, TOP DISCHARGE, 36" WIDE, ALMOND FINISH BROAN MODEL NO.: 403603 OR EQUAL AIR FLOW SETTING: 160 CFM ELECTRICAL SERVICE: 120 V/1 PH/60 HZ HOOD SIZE: 17.5 DEEP, 36" WIDE, 6" HIGH DUCT CONNECTION SIZE: 3.25"x10" FURNISH: COMPLETE WITH ALL MOUNTING HARDWARE, ROCKER TYPE FAN CONTROL, 75 WATT LIGHT WITH MOLDED HIGH STRENGTH POLYMERIC LENS, WASHABLE ALUMINUM FILTER, DUCT CONNECTOR WITH BUILT-IN DAMPER, INTERCONNECTING DUCT, ROOF CAP.</p> <p>(E) ROOFTOP UNIT NOMINAL 4.0 TON TOTAL SUPPLY 1600 CFM TOTAL RETURN 1200 CFM SET OA TO 400 CFM</p>

JOHN KRISTEDJA

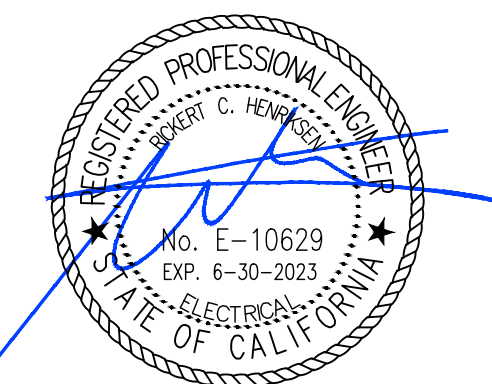


ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F

ENGINEER'S STAMP



Date Signed: August 15, 2022

CONSULTANT



PROJECT NAME

COUNTY
FIRE STATION NO. 17
REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

DRAWING NAME

MECHANICAL LEGEND,
SCEDULES & NOTES

SUBMITTAL	DATE

NO	DATE	REVISION
△		
△		
△		
△		
△		
△		
△		

DRAWN BY: JZ/MW CHECKED BY: RH

DATE: 05/13/2022 SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

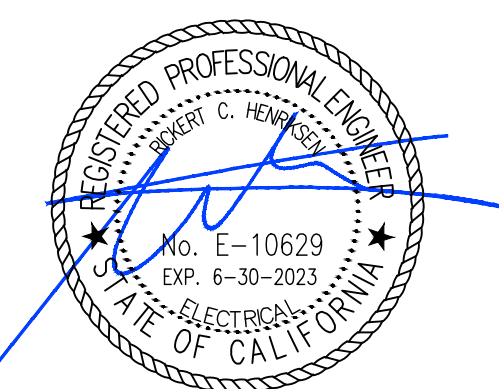
M1.0



NUMBERED KEY NOTES:

- ① EXISTING FLEX DUCTING TO BE REMOVED AND DISCARDED BACK TO DUCT DROPS, PREPARE EXISTING DUCT DROPS FOR NEW DUCTING.
- ② REMOVE AND DISCARD EXISTING CEILING EXHAUST FAN, PREPARE DUCTING FOR NEW FAN LOCATION.
- ③ EXISTING RANGE HOOD AND DUCTING TO BE REMOVED AND DISCARDED.
- ④ PREPARE EXISTING WALL BOX AND DRYER VENT TO BE EXTENDED TO NEW LOCATION.
- ⑤ REMOVE AND DISCARD EXISTING RADIANT HEATER.

ENGINEER'S STAMP



Date Signed: August 15, 2022

CONSULTANT



PROJECT NAME

**COUNTY
FIRE STATION NO. 17
REMODEL**

PROJECT ADDRESS

**6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726**

DRAWING NAME

MECHANICAL PLANS

SUBMITTAL	DATE

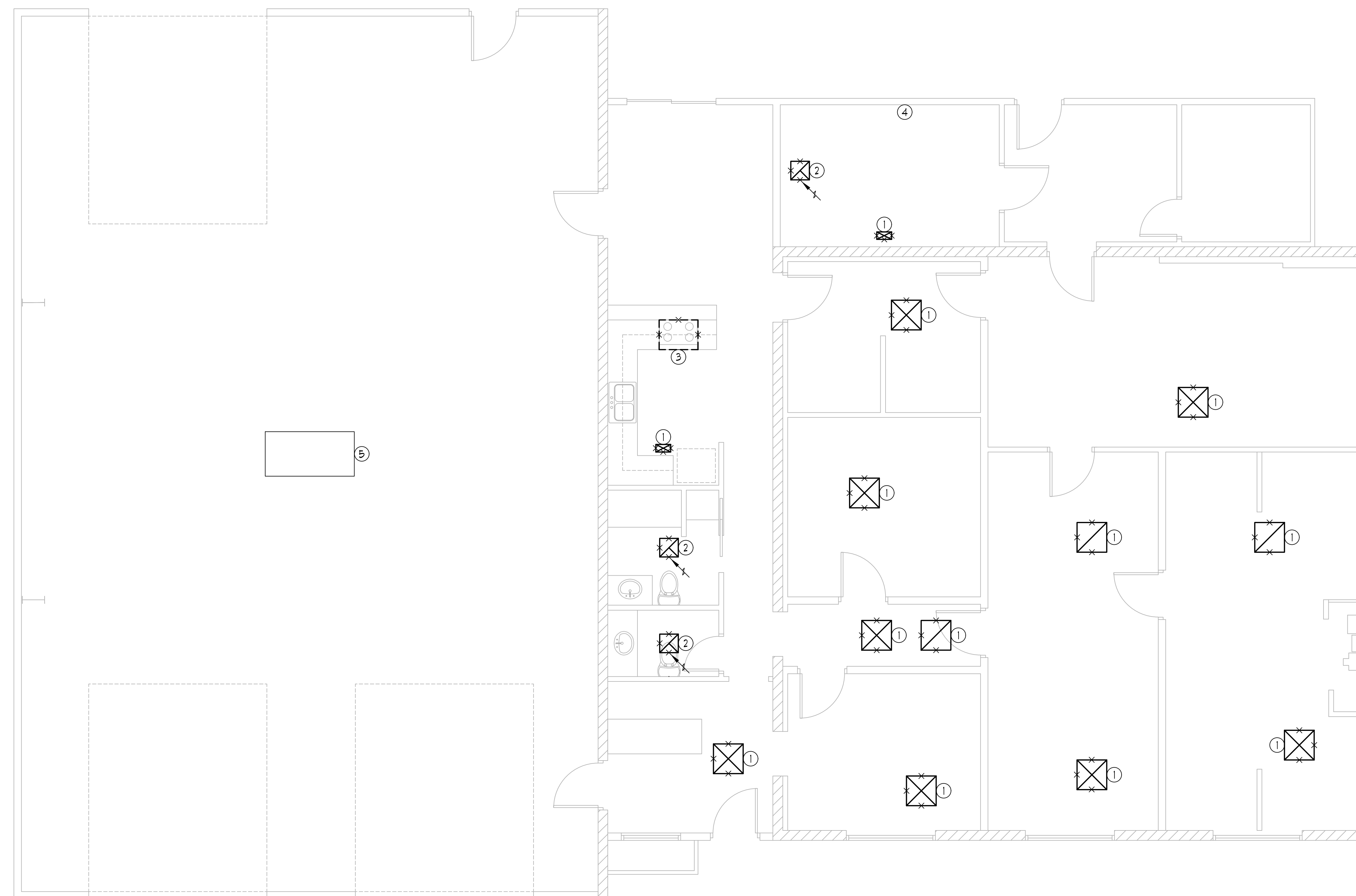
NO	DATE	REVISION
△		
△		
△		
△		
△		
△		

DRAWN BY: JZ/MW CHECKED BY: RH

DATE: 05/13/2022 SCALE: NOTED

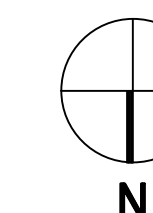
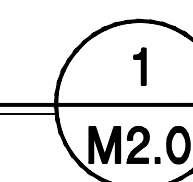
PROJECT NUMBER: 202103

DRAWING NUMBER:



MECHANICAL PLAN - DEMOLITION

SCALE: 1/4"=1'0"



M2.0

NUMBERED KEY NOTES:

- ① EXTEND RANGE HOOD EXHAUST DUCT UP THRU ROOF TO ROOF CAP.
- ② EXTEND EXISTING EXHAUST FAN DUCTING TO NEW EXHAUST FAN LOCATION.
- ③ EXTEND EXISTING SERVICES TO NEW LOCATION.

JOHN KRISTEDJA

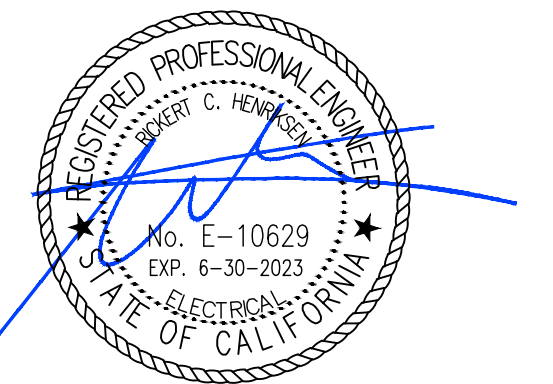


ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F

ENGINEER'S STAMP



Date Signed: August 15, 2022

CONSULTANT



10555 Old Placerville Road
Sacramento, CA 95827-2020
Phone: (916) 388-4468
www.saceng.com
REGISTERED IN ALL 50 STATES
Job No. 22264

PROJECT NAME

COUNTY
FIRE STATION NO. 17
REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

DRAWING NAME

MECHANICAL PLANS

SUBMITTAL	DATE

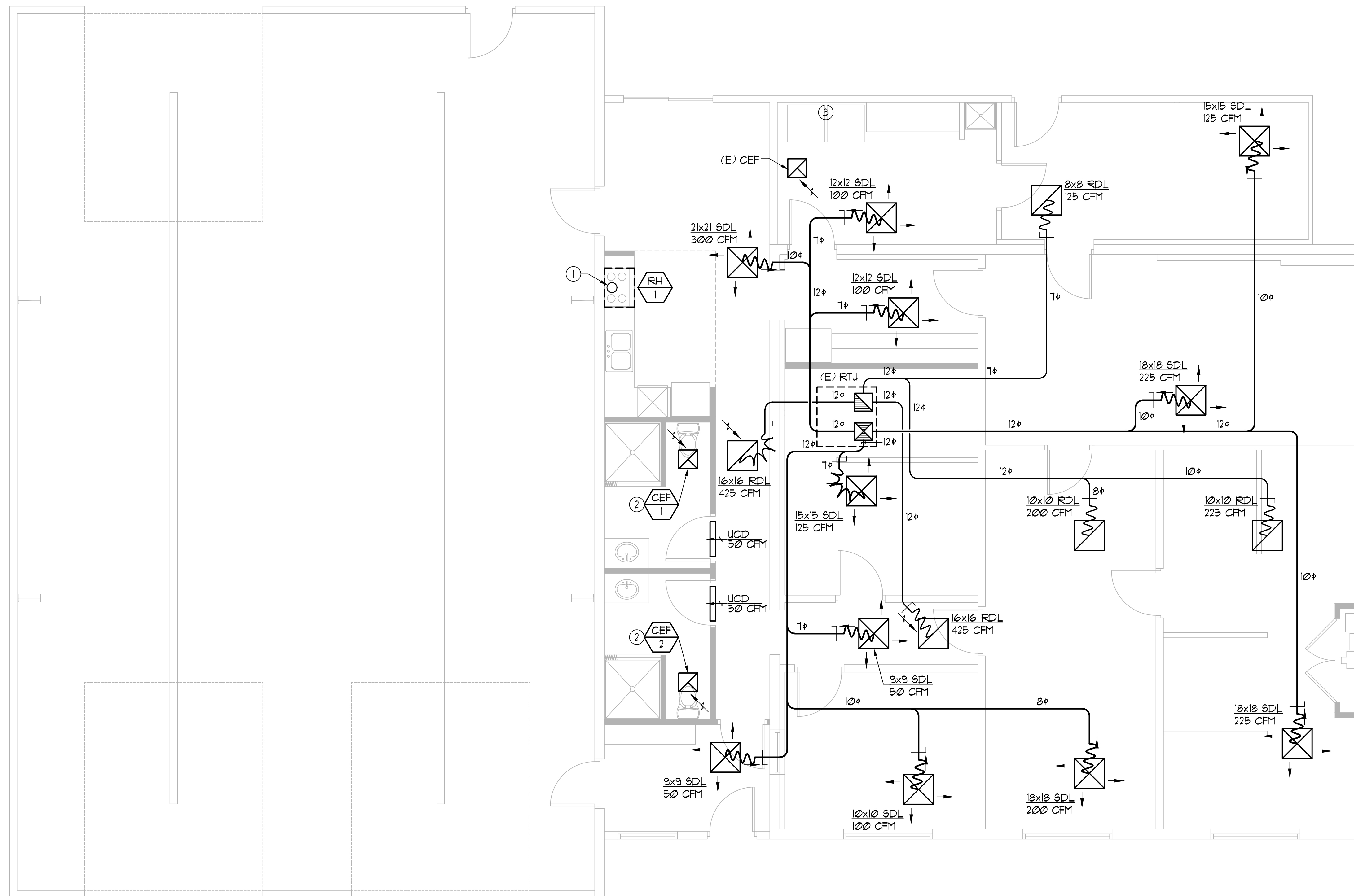
NO	DATE	REVISION
△		
△		
△		
△		
△		
△		

DRAWN BY: JZ/MW CHECKED BY: RH

DATE: 05/13/2022 SCALE: NOTED

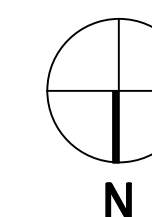
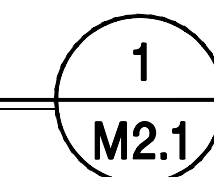
PROJECT NUMBER: 202103

DRAWING NUMBER:



MECHANICAL PLAN

SCALE: 1/4"=10'



M2.1



ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F

ENGINEER'S STAMP



Date Signed: August 15, 2022

CONSULTANT



PROJECT NAME

COUNTY
FIRE STATION NO. 17
REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

DRAWING NAME

TITLE 24

SUBMITTAL

DATE

NO DATE REVISION

Table with 3 columns: NO, DATE, REVISION. Contains empty rows for revisions.

DRAWN BY: JZ/MW

CHECKED BY: RH

DATE: 05/13/2022

SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

T24

Mechanical Systems Certificate of Compliance. Includes project info, table of system requirements, and compliance notes.

Mechanical Systems Certificate of Compliance. Includes project info, table of system requirements, and compliance notes.

Mechanical Systems Certificate of Compliance. Includes project info, table of system requirements, and compliance notes.

Mechanical Systems Certificate of Compliance. Includes project info, table of system requirements, and compliance notes.

Mechanical Systems Certificate of Compliance. Includes project info, table of system requirements, and compliance notes.

Mechanical Systems Certificate of Compliance. Includes project info, table of system requirements, and compliance notes.

Mechanical Systems Certificate of Compliance. Includes project info, table of system requirements, and compliance notes.

Mechanical Systems Certificate of Compliance. Includes project info, table of system requirements, and compliance notes.

Mechanical Systems Certificate of Compliance. Includes project info, table of system requirements, and compliance notes.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
---	SOIL, WASTE OR SANITARY SEWER BELOW GRADE OR SLAB
GW	GREASE WASTE BELOW GRADE
AW	ACID WASTE
---	SOIL, WASTE OR SANITARY SEWER ABOVE GRADE OR SLAB
---	VENT PIPING
---	COLD WATER PIPING
---	HOT WATER PIPING
---	HOT WATER RETURN PIPING
T	TEMPERED WATER PIPING
F	FILTERED WATER PIPING
G	GAS PIPING - PRESSURE NOTED
CA	COMPRESSED AIR PIPING
FS	FIRE SPRINKLER PIPING
SD	STORM DRAIN PIPING
P+TR	PRESSURE AND TEMPERATURE RELIEF PIPING
CD	CONDENSATE DRAIN PIPING
X X X	EXISTING PIPING OR FIXTURE TO BE REMOVED OR ABANDONED IN PLACE
	UNION
SOV	SHUT OFF VALVE
GV	GATE VALVE
GV/VB	GATE VALVE IN VALVE BOX
CKV	CHECK VALVE - DIRECTION OF FLOW INDICATED
BV	BALL VALVE
P+TRV	AUTOMATIC GAS SHUT-OFF VALVE
GCO, FCO	PRESSURE AND TEMPERATURE RELIEF VALVE
CO, WCO	GRADE CLEAN OUT, FLOOR CLEAN OUT
FD	CLEANOUT, WALL CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
HB	HOSE BIBB
POC	POINT OF CONNECTION
POD	POINT OF DISCONNECT
IE	INVERT ELEVATION
FF	FINISHED FLOOR
/FT	PER FOOT
USJF,UG	UNDER SLAB, UNDER FLOOR, UNDERGROUND
FA, TA	FROM ABOVE, TO ABOVE
FB, TB	FROM BELOW, TO BELOW
TYP.	TYPICAL
(N)	NEW
(E), EXISTING	EXISTING TO BE FIELD VERIFIED BY CONTRACTOR
AF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ABC	ABOVE CEILING
CI	CAST IRON
VCP	VITRIFIED CLAY PIPE
V, VR, VTR	VENT, VENT RISER, VENT THRU ROOF
W, WD	WASTE, WASTE DROP
HW, HUD, HUR, HW(R)	HOT WATER, HOT WATER DROP, HOT WATER RISER, HOT WATER RETURN
CW, CUD, CUR	COLD WATER, COLD WATER DROP, COLD WATER RISER
REF	REFERENCE
RIC	ROUGH-IN 4 CONNECT
QC	QUICK CONNECT (AIR)
RD	ROOF DRAIN
OD	OVERFLOW DRAIN
TDL	TOTAL DEVELOPED LENGTH
SAD	SEE ARCHITECTURAL DRAWINGS
SCD	SEE CIVIL DRAWINGS
NFC	NOT IN PLUMBING CONTRACT
BV/VB	BALL VALVE IN VALVE BOX

GENERAL PLUMBING NOTES

- ALL EQUIPMENT AND MATERIALS USED SHALL BE NEW AND SHALL BE EQUAL IN QUALITY, TYPE, CAPACITY AND ACCESSORIES TO THE EQUIPMENT NOTED ON THE DRAWINGS. ADJUSTMENTS TO CONSTRUCTION AND ACCESSORIES ON SUBSTITUTED EQUIPMENT MAY BE REQUIRED TO ACHIEVE THIS EQUALITY, AND SHALL BE INCLUDED AT NO EXTRA COST TO THE OWNER. MAKE ANY CHANGES IN PIPING, FRAMING, ETC., AS REQUIRED TO ACCOMMODATE SUBSTITUTED EQUIPMENT.
- INSTALL ALL EQUIPMENT AND MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES. APPLICABLE CODES SHALL INCLUDE, BUT NOT BE LIMITED TO THE 2019 CALIFORNIA MECHANICAL CODE, 2019 CALIFORNIA PLUMBING CODE, 2019 CALIFORNIA CODE OF REGULATIONS (CCR), 2019 CALIFORNIA FIRE CODE AND 2019 TITLE 24 ENERGY EFFICIENCY STANDARDS. WHERE HEAVIER GAGES OF MATERIAL, LARGER SIZES OR MORE STRINGENT REQUIREMENTS THAN THE CODES ARE REQUIRED BY THE CONTRACT DOCUMENTS, SUCH INCREASED REQUIREMENTS SHALL APPLY.
- PIPING MATERIALS SHALL BE AS FOLLOWS:
 - STORM, WASTE AND VENT SHALL BE SCHEDULE 40 PVC. POLYVINYL CHLORIDE (PVC) PLASTIC PIPE, ALL PIPE, COUPLINGS AND FITTINGS SHALL BE MANUFACTURED OF MATERIAL CONFORMING TO ASTM D 1188, PLASTIC SOLVENT CEMENT FOR PVC PLASTIC PIPE SHALL CONFORM TO ASTM D 2235. (ALTERNATIVE (ABS) BELOW SLAB, OR IN WALL.)
 - WATER PIPE (HOT AND COLD WATER): TYPE L BELOW GRADE, TYPE M ABOVE GRADE. COPPER TUBING, HARD-TEMPER WITH WROUGHT COPPER FITTINGS, SOLDERING / BRAZING MATERIAL SHALL BE LEAD FREE, SILVER SOLDER BELOW GRADE, 95-5 OR SIMILAR ABOVE GRADE, CAPPED OR PLUGGED OUTLETS SHALL BE SCHEDULE 40 SCREWED BRASS. ELBOWS AT BRANCH OUTLETS SHALL BE SCREWED OUTLET, WITH EARS, FOR NAILING OR SCREWING TO WALL BACKING.
- PIPING AND EQUIPMENT ACCESSORIES SHALL BE AS FOLLOWS:
 - PROVIDE STOPS FOR ALL FIXTURES. STOPS SHALL HAVE THREADED INLETS, SIMILAR TO SPEEDWAY SR 312. STOPS WITH BRAZED (SOLDERED) OR COMPRESSION INLET CONNECTIONS WILL NOT BE ALLOWED.
 - PROVIDE ELBOWS AT ALL PIPING PENETRATIONS OF WALLS TO STOPS. ELBOWS SHALL HAVE NAILING EARS, AND SHALL BE SECURELY FASTENED TO THE STRUCTURE. NIPPLES THROUGH THE WALLS SHALL BE IPS WEIGHT THREADED COPPER OR BRASS.
 - PROVIDE TRAPS FOR ALL FIXTURES. TRAPS FOR SINKS AND LAVATORY'S CHROME PLATED HEAVY CAST BRASS WITH CLEANOUT AND IT - GAUGE SEAMLESS BRASS ADJUSTABLE WALL BEND SIMILAR TO MCQUIRE #912C/8302 (OR EQUAL).
 - PROVIDE CHROME PLATED ESCUTCHEON PLATES ON ALL PIPES PASSING THROUGH WALLS OR CEILINGS. ALL EXPOSED PIPING SHALL BE CHROME PLATED.
 - PROVIDE PERMANENT CLEVIS TYPE OR LOOP HANGERS FOR PIPING AS REQUIRED. WIRE, ROPE, WOOD BLOCKING OR PERFORATED METAL TAPE WILL NOT BE ACCEPTED. PROVIDE PLASTIC WRAPPING OF PIPE WHERE DISSIMILAR METALS OCCUR, SUCH AS BETWEEN COPPER AND IRON PIPING AND SUPPORTS.
 - PROVIDE WRAP ON WASTE, HOT AND COLD WATER PIPING UNDER ACCESSIBLE PLUMBING FIXTURES. WRAP SHALL BE MCQUIRE #WU2150WC (OR EQUAL) ONE-PIECE SEAMLESS ANTIMICROBIAL. INSULATING KITS SHALL INCLUDE COVERS FOR DRAIN TAILPIECE, ALL P-TRAP COMPONENTS, AND HOT/COLD WATER SUPPLIES.
- CATHODIC PROTECTION:
 - WRAP ALL COPPER OR STEEL WATER PIPING UNDER FLOOR OR BELOW GRADE WITH TWO LAYERS OF PABCO-WRAP, OR SIMILAR MATERIALS, INCLUDING ALL JOINTS. GAS PIPING BELOW GRADE SHALL BE WRAPPED AS DESCRIBED FOR WATER PIPING, OR, AT CONTRACTOR'S OPTION, MAY HAVE EXTRU-COAT OR SIMILAR COVERING. ALL FIELD JOINTS SHALL BE WRAPPED AS FOR BARE PIPING JOINTS. PLACE EXTRU-COAT GAS PIPING IN A SAND OR SIEVED EARTH BED, WITH SIMILAR COVERING TO A LEVEL OF 4" ABOVE TOP OF PIPE.
 - WRAP WATER, WASTE AND GAS PIPING THROUGH THE FLOOR SLAB WITH 1/2" THICK THERMASEAL, 2" ABOVE AND BELOW THE SLAB SURFACES.
- INSULATION:
 - WRAP ALL HOT WATER SUPPLY AND RETURN PIPING WITH 1" THICK THERMASEAL INSULATION OR EQUAL. TAPE ALL BUTTED JOINTS WITH TAPE AS RECOMMENDED BY THE MANUFACTURER. USE ENLARGED SECTIONS AT FITTINGS, WHERE REQUIRED, AND MITERED JOINTS AT ELBOWS, ETC. VALVE AND PUMP BODIES NEED NOT BE INSULATED.

GENERAL PLUMBING NOTES (cont.)

- INSTALLATION:
 - INSTALL ALL PIPING IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE WITH THE STATE OF CALIFORNIA AMENDMENTS. SLOPE ALL WASTE PIPING AS INDICATED ON THE DRAWINGS, AND ALL WATER PIPING TO INSURE ELIMINATION OF AIR. CAREFULLY GRADE ALL WASTE PIPING TO ENSURE A UNIFORM SLOPE IS ACHIEVED, WITHOUT ANY DIPS OR HIGH POINTS IN THE PIPING.
 - CAREFULLY TRENCH FOR ALL UNDERGROUND PIPING, AVOID OTHER UTILITIES, AND REPAIR ANY DAMAGES TO SAME CAUSED BY THE WORK OF THIS CONTRACT. PROVIDE PROPER SHORING FOR ALL DEEP TRENCHES, AS REQUIRED BY THE SAFETY REGULATIONS OF THE STATE OF CALIFORNIA, AND BY OSHA. PROVIDE ALL REQUIRED BARRICADES, WARNING SIGNS, ETC. CAP ALL PIPING ENDS AT THE CLOSE OF THE DAY'S WORK TO PREVENT ENTRY OF FOREIGN MATERIALS. FLUSH PIPING OF ALL DEBRIS BEFORE CONNECTING TO FIXTURES.
 - EMBED ALL UNDERGROUND PIPING, OTHER THAN GAS PIPING, IN SIEVED EARTH TO A DEPTH OF 4" ABOVE THE PIPE. SMOOTH THE TRENCHING BELOW THE PIPING FREE FROM ANY ROCKS OR SIMILAR OBSTRUCTIONS, AND PROVIDE SPACE FOR BELLS OR MECHANICAL JOINTS FOR ALL WASTE PIPING. Laterally brace piping to prevent pipe motion during back filling operations.
 - PROVIDE SHOCK ABSORBERS AT HOT AND COLD WATER AT ALL FIXTURES. ABSORBER SHALL BE A LINE SIZE PIPE RISER CONNECTING TO A 12" HIGH CAPPED PIPE CHAMBER, SIZED ONE SIZE LARGER THAN THE RISER. A SINGLE MECHANICAL SHOCK ABSORBER MAY BE UTILIZED FOR A BATTERY OF FIXTURES, PROVIDED THE ABSORBER IS SIZED FOR THE MAIN LINE SERVING THE BATTERY OF FIXTURES.
 - CHLORINATE ALL WATER PIPING FOR A PERIOD OF 8 HOURS, BY CHARGING WITH A CHLORINE OR HYPO CHLORITE SOLUTION TO ACHIEVE A 5 PPM STRENGTH AT THE FIXTURE FURTHEST FROM THE POINT OF APPLICATION. UPON COMPLETION OF CHLORINATION, FLUSH ALL PIPING UNTIL NO CHLORINE CAN BE DETECTED BY TASTE.
 - AFTER CHLORINATION AND ALL TESTING HAS BEEN COMPLETED, CLEAN ALL FIXTURE STRAINERS, AND SET WATER FLOWS FROM FIXTURES IN ACCORDANCE WITH THE REQUIREMENTS OF T24, CCR.
 - TESTS:
 - TEST ALL GAS PIPING FOR A PERIOD NOT LESS THAN 15 MIN. AT A PRESSURE OF NOT LESS THAN 10 PSIG, USING SOAP AND WATER OR SIMILAR MATERIALS AT ALL JOINTS. WELDED GAS PIPING SHALL BE TESTED 60 PSI FOR 30 MIN. PER CPC.
 - TEST ALL WASTE AND VENT PIPING FOR A PERIOD OF NOT LESS THAN 2 HOURS BY CAPPING OR PLUGGING ALL JOINTS TO A LEVEL OF THE HIGHEST FIXTURE OR FITTING, FILLING THE SYSTEM WITH WATER, AND OBSERVING FOR LEAKS. TEST UNDERGROUND SECTION OF PIPE WITH A RISER TO ACHIEVE THE PRESSURE EQUIVALENT TO THE HIGHEST FIXTURE OR FITTING.
 - TEST WATER PIPING AT 100 PSIG FOR A PERIOD OF EIGHT HOURS, OBSERVING FOR ANY VISIBLE LEAKS. TEST PIPING AGAIN WITH FIXTURES INSTALLED AT 60 PSIG.
 - REPAIR ANY LEAKS FOUND BY REMAKING THE JOINT. DO NOT USE CAULKING OR SIMILAR METHODS TO CORRECT LEAKS. UPON REPAIRING ANY LEAKS FOUND, AGAIN TEST THAT PORTION OF THE SYSTEM AS DESCRIBED ABOVE.
- PROVIDE SIX COPIES OF SUBMITTALS WITH MFR'S OPERATING AND MAINTENANCE DATA FOR ALL ITEMS OF EQUIPMENT INSTALLED. INDICATE THE EXACT MODEL(S) OF EQUIPMENT, WHERE THE MANUFACTURER'S DATA INCLUDES MODELS OTHER THAN THOSE INSTALLED. BIND THE INFORMATION IN 3 RING BINDERS, WITH DIFFERENT TYPES OF EQUIPMENT INDEXED. PROVIDE A SHEET INDICATING THE CONTRACTOR'S (AND SUBCONTRACTOR'S) NAMES, ADDRESSES AND TELEPHONE NUMBERS. INCLUDE ALSO THE PREFERRED SOURCES OF SPARE PARTS FOR THE EQUIPMENT INSTALLED, INCLUDING ADDRESSES, TELEPHONE NUMBERS, ETC.
- CONTRACTOR SHALL VERIFY ALL WORK CONDITIONS, PRIOR TO COMMENCING WORK, INCLUDING, BUT NOT LIMITED TO: PIPING SIZES, INVERT ELEVATIONS, POINTS OF CONNECTION, FIXTURES AND EQUIPMENT, STRUCTURAL ELEMENTS AND MATERIALS INDICATED AS EXISTING, AS WELL AS THE COORDINATED INSTALLATION OF ALL NEW WORK, MATERIALS, EQUIPMENT, ETC. VERIFY THE LOCATION AND REQUIRED PIPING CONNECTIONS OF ALL HVAC OR OTHER MECHANICAL EQUIPMENT. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO TRENCHING OR COMMENCING OTHER WORK.
- ROUTE CONDENSATE PIPING FROM EQUIPMENT TO NEAREST APPROVED RECEPTOR. ALL CONDENSATE SYSTEMS SHALL TERMINATE INTO THE STORM DRAINAGE SYSTEM, UNLESS NOTED OTHERWISE, AND SHALL OTHERWISE BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE CODES. CONNECT TO EQUIPMENT COMPLETE WITH VENTED P-TRAP.
- MECHANICAL EQUIPMENT AND IDENTIFICATION TAGS SHOWN ON DRAWING ARE FOR THE COORDINATION OF UTILITIES ONLY, REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT SPECIFICATIONS.

PLUMBING SCHEDULE

SYMBOL	DESCRIPTION
WC-1	PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL FIXTURES IN THIS SCHEDULE OR THEIR APPROVED EQUIVALENT. REFER TO ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS OF FIXTURES.
WC-1	WATER CLOSET: REFER TO ARCH SHEETS.
L-1	LAVATORY: REFER TO ARCH SHEETS.
KS	KITCHEN SINK: REFER TO ARCH SHEETS.
GD	GARBAGE DISPOSER: REFER TO ARCH SHEETS.
MS	MOP SINK: REFER TO ARCH SHEETS.
SH	SHOWER: REFER TO ARCH SHEETS.
WMB	WASHING MACHINE BOX: GUY GRAY #BB-200TS WALL-MOUNTED, WITH 24" HIGH STANDPIPE, HOT AND COLD WATER CONNECTIONS WITH SHUT-OFF VALVES. COORDINATE LOCATION WITH WASHING MACHINE.
TD	TRENCH DRAIN: ZURN SERIES Z884, CAST REINFORCED PLASTIC, INTERNALLY SLOPED, WITH HEAVY DUTY GRATE PLASTIC GRATE END CAPS AND DRAIN FITTINGS. SHALL HAVE A MINIMUM OF 1/4" PER FOOT SLOPE.
SOI	SAND-OIL INTERCEPTOR: JENSEN PRECAST # JF500EE, 4-20 TRAFFIC RATED COVERS, 4" INLET AND OUTLET, DOUBLE COMPARTMENT, 1000 GALLON CAPACITY.

WATER AND WASTE SERVICE CALCULATIONS

JOB NAME: POLLOCK PINES FIRE STATION		DATE: 06/24/22						
FIXTURE TYPE	NO.	WASTE		COLD WATER		HOT WATER		TOTAL WATER
		FU	TOTAL	FU	TOTAL	FU	TOTAL	
CLOTHES WASHER	1	3	3	3	3	3	3	4
KITCHEN SINK (DOMESTIC)	1	2	2	1.125	1.125	1.125	1.125	1.5
LAVATORY (SINGLE)	2	1	2	0.75	1.5	0.75	1.5	2
SERVICE SINK	1	3	3	2.25	2.25	2.25	2.25	3
TRENCH DRAIN	2	10	20	0	0	0	0	0
SHOWER	2	2	4	1.5	3	1.5	3	4
WATER CLOSET, 1.28 TANK	2	4	8	2.5	5	0	0	5
WA	0	2	0	1	0	0	0	0
WA	0	60	0	60	0	0	0	0
TOTAL FU			42.0		15.9		10.9	19.5
EQUIVALENT COLD WATER FLOW RATE (GPM):								14
ADDITIONAL DEMAND LOAD (GPM):								0
PRESSURE AVAILABLE AT MAIN (PSI):								40
PRESSURE BOOSTER PUMP:								0
MINIMUM REQUIRED FIXTURE PRESSURE (PSI):								8
ELEVATION RISE (FT):								10
METER LOSS (PSI):								3
BACKFLOW PREVENTER LOSS (PSI):								10
ADDITIONAL LOSSES (PSI):								0
EQUIVALENT PIPE LENGTH FROM METER TO MOST REMOTE FIXTURE (FT):								150
FRICTION LOSS PRESSURE AVAILABLE (PSI):								14.66
MAXIMUM ALLOWABLE FRICTION LOSS (PSI/100 FT):								9.77
WATER FLOW VELOCITY (FPS):								5.44
CALCULATED FRICTION HEAD LOSS (PSI/100 FT):								6.49
MINIMUM REQUIRED WATER PIPE SIZE (INCHES):								1.0
MINIMUM REQUIRED WASTE PIPE SIZE (INCHES):								4
(CALCULATIONS PER THE UPC/CPC)								

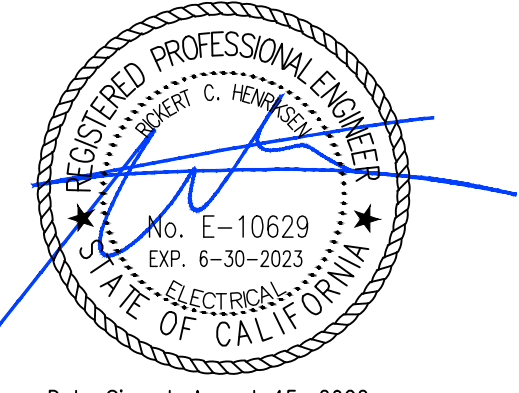
WATER PIPE SIZING CHART

PIPE SIZES CALCULATED BASED ON UPC/CPC APPENDIX A								
SIZE: TYPE L COPPER		CW MAX FLOW		CW FIXTURE UNIT VALUES		HW MAX FLOW		HWFU
NOMINAL DIAMETER	INTERNAL DIAMETER	GPM	FPS	FLUSH TANK	FLUSH VALVE	GPM	FPS	HOT WATER
3/8"	0.44	1.9	4.0	1	0	1.9	4.0	1
1/2"	0.545	3.3	4.6	3	0	3.3	4.6	3
3/4"	0.785	8.7	5.7	10	0	7.5	5.0	8
1"	1.025	17.5	6.8	24	0	12.9	5.0	16



ARCHITECTURE ■ PLANNING
 6288 BUTTERFIELD WAY
 PLACERVILLE, CA 95667
 (916) 933-7633 T
 (916) 933-7650 F

ENGINEER'S STAMP



Date Signed: August 15, 2022

CONSULTANT



PROJECT NAME

COUNTY
 FIRE STATION NO. 17
 REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
 POLLOCK PINES, CA 95726

DRAWING NAME

PLUMBING LEGEND,
 SCHEDULES & NOTES

SUBMITTAL

DATE

NO

DATE

REVISION

DRAWN BY: JZ/MW

CHECKED BY: RH

DATE: 05/13/2022

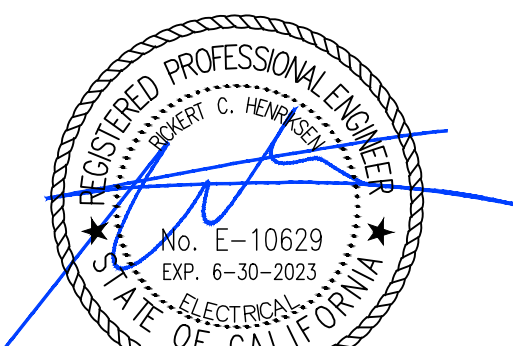
SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

P1.0

ENGINEER'S STAMP



Date Signed: August 15, 2022

CONSULTANT



PROJECT NAME

COUNTY
 FIRE STATION NO. 17
 REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
 POLLOCK PINES, CA 95726

DRAWING NAME

PLUMBING PLANS

SUBMITTAL	DATE

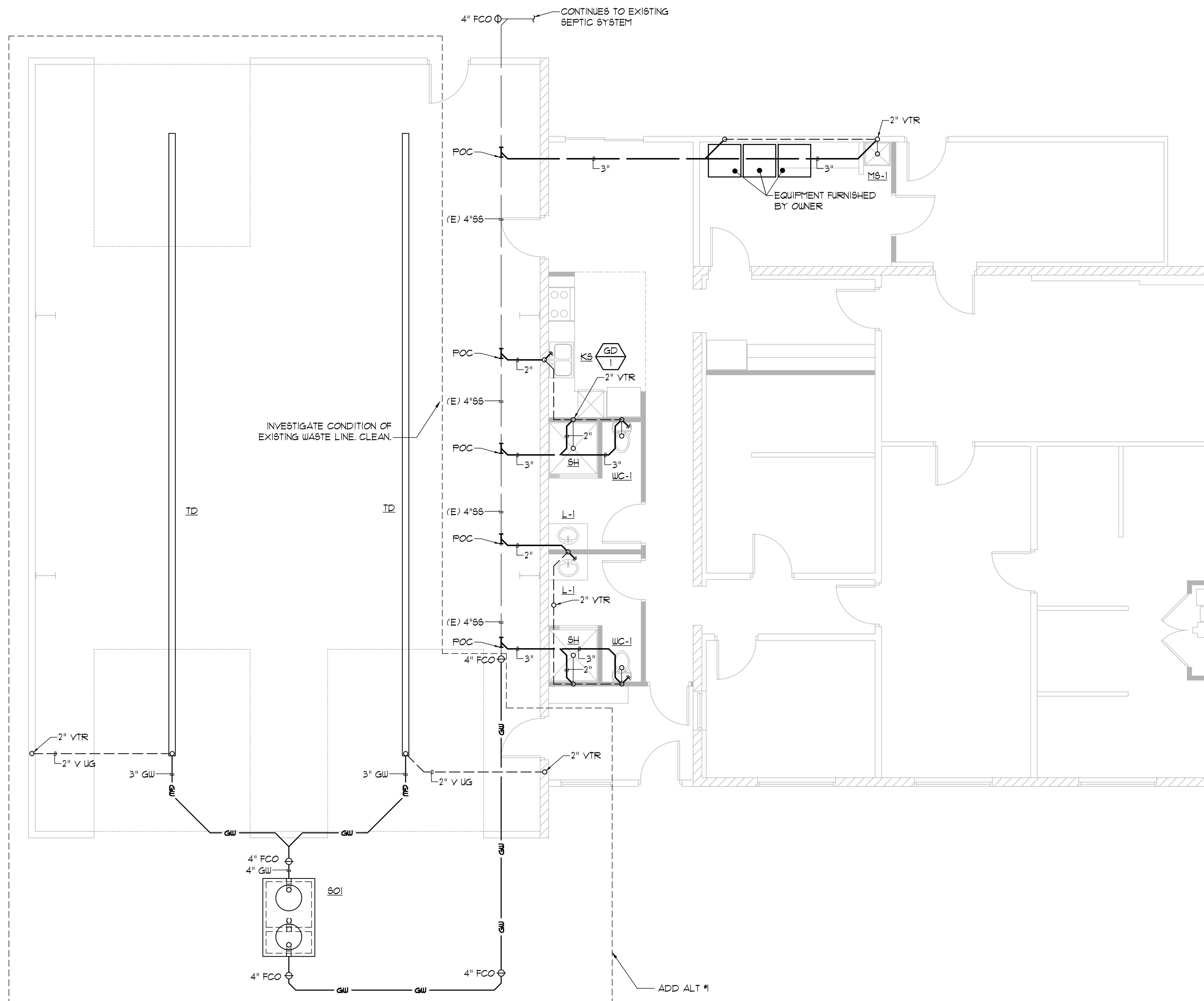
NO	DATE	REVISION
△		
△		
△		
△		
△		
△		

DRAWN BY: JZ/MW CHECKED BY: RH

DATE: 05/13/2022 SCALE: NOTED

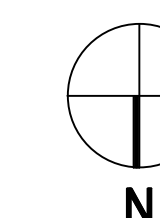
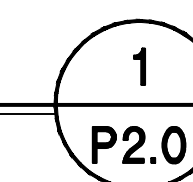
PROJECT NUMBER: 202103

DRAWING NUMBER:



PLUMBING PLAN - WASTE & VENT

SCALE: 1/4"=1'0"



P2.0

NUMBERED KEY NOTES:

- ① CUT EXISTING WATER LINE AT LOCATION SHOWN, CAP WATER TIGHT.

JOHN KRISTEDJA

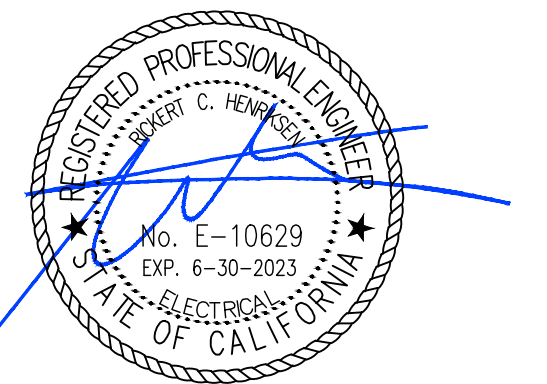


ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F

ENGINEER'S STAMP



Date Signed: August 15, 2022

CONSULTANT



PROJECT NAME

COUNTY
FIRE STATION NO. 17
REMODEL

PROJECT ADDRESS

6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

DRAWING NAME

PLUMBING PLANS

SUBMITTAL

DATE

NO	DATE	REVISION
△		
△		
△		
△		
△		
△		

DRAWN BY: JZ/MW

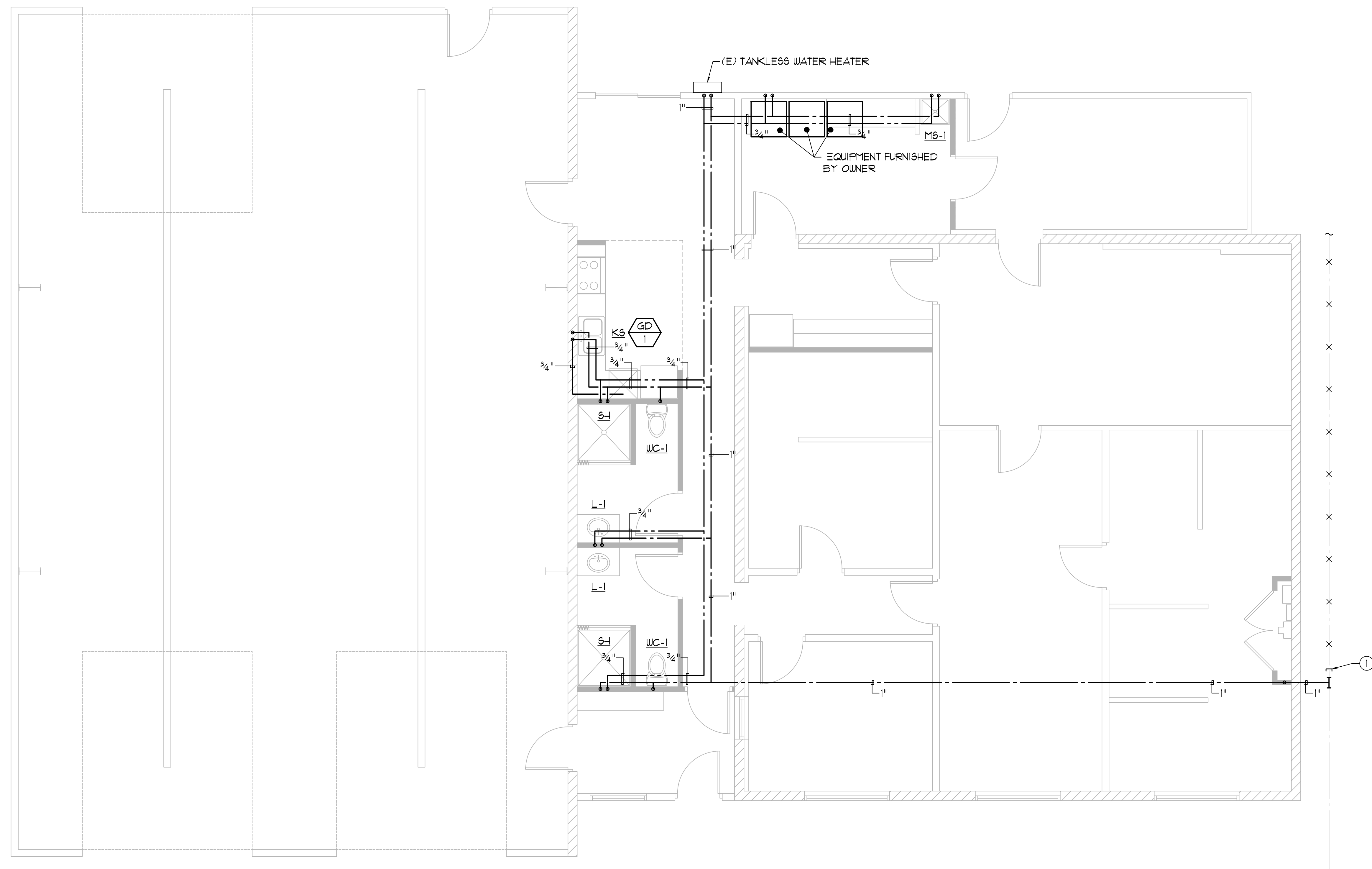
CHECKED BY: RH

DATE: 05/13/2022

SCALE: NOTED

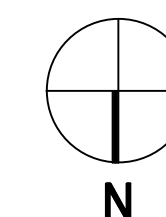
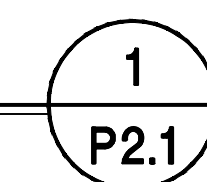
PROJECT NUMBER: 202103

DRAWING NUMBER:



PLUMBING PLAN - WATER

SCALE: 1/4"=10'



P2.1

GAS DEMAND SCHEDULE - LOW PRESSURE

WH-1	193,000 BTUH
RTU	90,000 BTUH
RANGE	65,000 BTUH
DRYER	35,000 BTUH
TOTAL	383,000 BTUH

SIZING PER:
2019 CFC, TABLE 1215.2(21)
PRESSURE: 1-1/2" WC
TDL: 80 FEET

PROPANE GAS SIZING TABLE	
BASED ON UPC/CPC TABLE 1215.2(27)	
7"wc PRESSURE	
TOTAL PIPE LENGTH (FT)= 80	
PIPE SIZE	MAX. MBH (CFH)
1/2"	101
3/4"	212
1"	400

GAS DEMAND SCHEDULE - HIGH PRESSURE

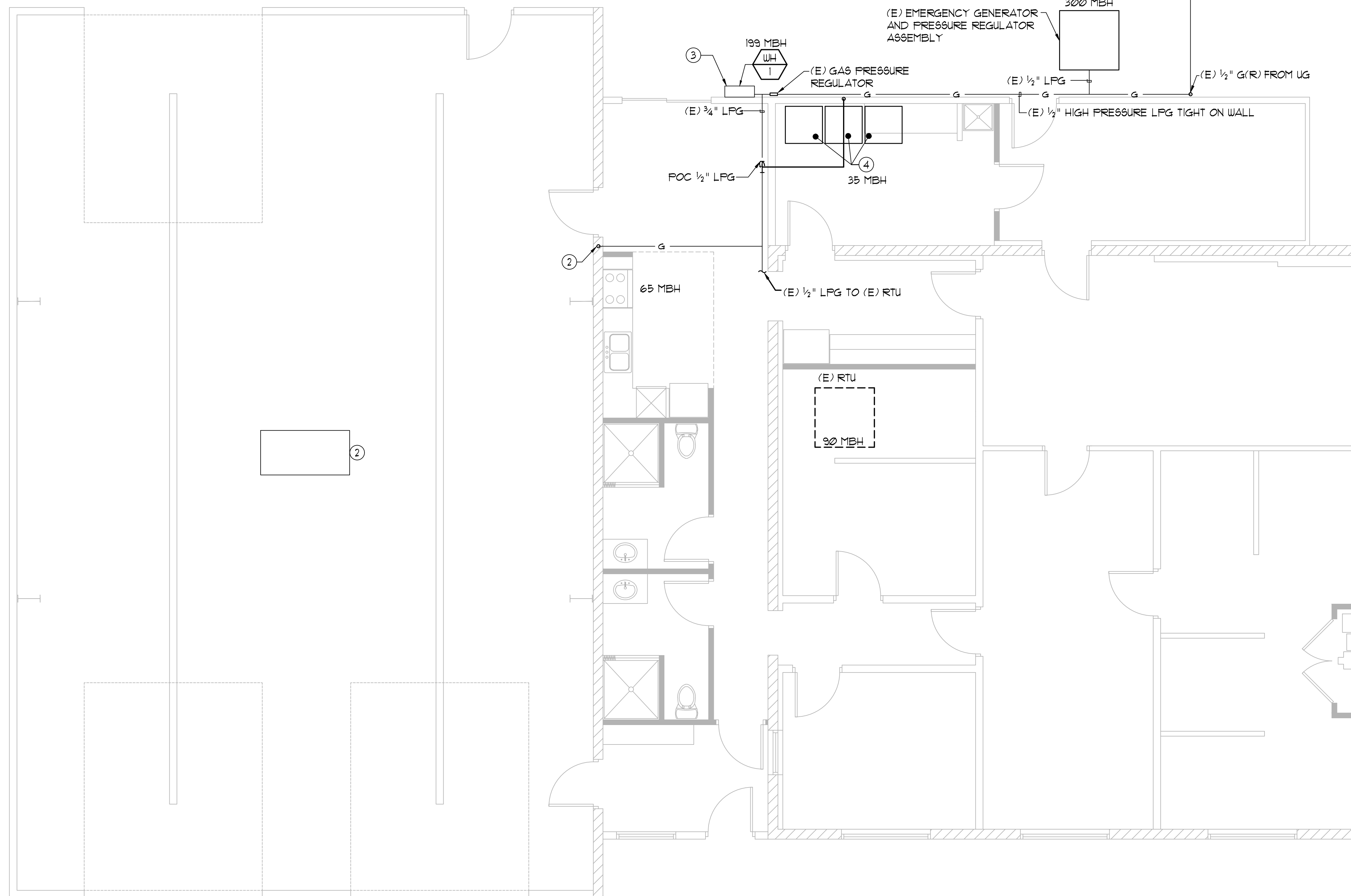
LOW PRESSURE TOTAL	193,000 BTUH
EMERGENCY GEN.	300,000 BTUH
TOTAL	493,000 BTUH

SIZING PER:
2019 CFC, TABLE 1215.2(24)
PRESSURE: 10 PSI
TDL: 80 FEET

PROPANE GAS SIZING TABLE	
BASED ON UPC/CPC TABLE 1215.2(24)	
10 PSI PRESSURE	
TOTAL PIPE LENGTH (FT)= 80	
PIPE SIZE	MAX. MBH (CFH)
1/2"	1080
3/4"	2260
1"	4250

NUMBERED KEY NOTES:

- DEMOLISH (E) RADIANT HEATER. CUT AND CAP GAS LINE, ABANDON IN PLACE.
- (E) 1/2" LPG DROP. CUT CONNECTION TO DEMOLISHED RANGE, MAKE CONNECTION TO (N) GAS RANGE
- DISCONNECT (E) GAS LINE TO DEMOLISHED WATER HEATER, RECONNECT TO (N) WATER HEATER
- EQUIPMENT FURNISHED BY OWNER, INCLUDING GAS DRYER.

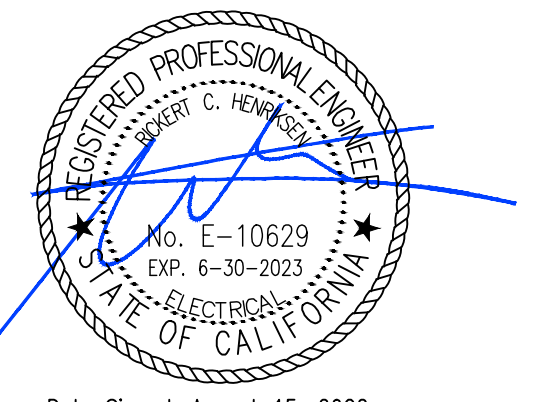


ARCHITECTURE ■ PLANNING

6288 BUTTERFIELD WAY
PLACERVILLE, CA 95667

(916) 933-7633 T
(916) 933-7650 F

ENGINEER'S STAMP



Date Signed: August 15, 2022

CONSULTANT



PROJECT NAME

**COUNTY
FIRE STATION NO. 17
REMODEL**

PROJECT ADDRESS

**6430 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726**

DRAWING NAME

PLUMBING PLANS

SUBMITTAL	DATE

NO	DATE	REVISION
△		
△		
△		
△		
△		
△		

DRAWN BY: JZ/MW CHECKED BY: RH

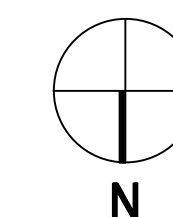
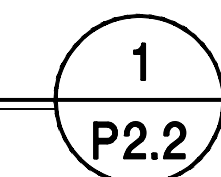
DATE: 05/13/2022 SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

PLUMBING PLAN - GAS

SCALE: 1/4"=10'



P2.2