

TRZ-02	TERRZZAO FLOOR TERRZZAO - PRECAST	MML-MODERN MATERIALS LAB MML-MODERN MATERIALS LAB	CUSTOM - MFS CUSTOM - MFS	200 GRIT, SEMI-HONED 200 GRIT, SEMI-HONED	LOBBY PLANTER/BENCH, LOBBY STAIRS TREADS		1/4" POUR-ON-SITE PRECAST			Adrian Laekas <adrian@modernmaterialslab.com></adrian@modernmaterialslab.com>	
RB-01		DINOFLEX	SPORTMAT FLOORING	10% BROWN #5111	FITNESS FLOOR		1/4" THICKNESS			Adrian Laekas <adrian@modernmaterialslab.com> Kim Bunz, Lead Gen <leadgen@dinoflex.com></leadgen@dinoflex.com></adrian@modernmaterialslab.com>	
LVT-01	LUXURY VINYL TILE	BENTLEY	COLONNADO BCOLO	CORIANTHIAN	LEVEL 2; CONF. RM, OFFICE, PRINT RM, HALLWAY, BREAKROOM					Jan Lewbin <jan.lewbin@bentleymills.com></jan.lewbin@bentleymills.com>	
ACOUSTICA AWP-01	AL WALL PANEL 1 ACOUSTICAL WALL PANEL	TURF	GROOVE	TOPO GREEN	DAY ROOM, SEE DRAWINGS	4	48"X120"				
AWP-02		TURF	TURBULAR	01 CREAM	TRAINING RM ACCENT, SEE DRAWINGS		DMM, LARGE			Courtney Alexander <calexander@levellines.com> Courtney Alexander <calexander@levellines.com></calexander@levellines.com></calexander@levellines.com>	
MILLWORK	(& WOOD FINISH										
PLAM-01 PLAM-02		FORMICA FORMICA	MATTE COLORCORE 2	08676-26 SWEDE RIFT OAK 7223C-58 WHITE	TYP. MILLWORK, U.O.N. COPY ROOM COUNTER					Bill Yount <bill yount@formica.com=""></bill>	
PLAM-03		FORMICA	MATTE FINISH	9285-58 WHITE TWILL	COPY ROOM CABINETS					Bill Yount <bill.yount@formica.com> Bill Yount <bill.yount@formica.com></bill.yount@formica.com></bill.yount@formica.com>	
SS-01 SS-02		CAESARSTONE	4600 ORGANIC WHITE 4141 MISTY CARRERA		MITCHEN, BREAK ROOM DAY ROOM					Todd Carpenter <todd.carpenter@caesarstoneus.com></todd.carpenter@caesarstoneus.com>	
SS-03		CONCRETE COLLABORATIVE	ALABASTER LMC+LYC	PACIFICA	MEN'S RESTROOM 120, UNISEX RR 118					Todd Carpenter <todd.carpenter@caesarstoneus.com> Amber Eisele <amber@concrete-collaborative.com></amber@concrete-collaborative.com></todd.carpenter@caesarstoneus.com>	
GLASS											
GL-01	MIRROR	PANEL MIRROR	GC TO PROVIDE	CLEAR, FRAMELESS	FITNESS	S	SEE ELEVATIONS				
TILING TB-01	COVE TILE BASE	DALTILE	VOLUME 1.0	SONIC WHITE VL75	TYPICAL TILE BASE, U.O.N. SHARED RESTROOM, UNI-SEX RESTROOM, WALL W/ PA	PAINT 6	6"x12", GROUT MAPEI 32 PEWTER. GC TO TRIM TO SIZE FROM 12'	'x24" FIELD TILE ON SITE		Anita KIIIIII AD canita khullan@dakila aana	
TL-01		DALTILE	VOLUME 1.0	DEGREE SILVER	SHARED RESTROOM, UNI-SEX RESTROOM		12"X24"X5/16", RUNNING BOND, GROUT MAPEI 32 PEWTER	_ 3 3 2		Anita KHULLAR <anita.khullar@daltile.com> Anita KHULLAR <anita.khullar@daltile.com></anita.khullar@daltile.com></anita.khullar@daltile.com>	
TL-02 TL-03		DALTILE DALTILE	VOLUME 1.0 COLORMATCH GLAZED CERAMIC	SONIC WHITE VL75 MATTE ARTICHOKE CU12	SHARED RESTROOM, UNI-SEX RESTROOM VANITY OF SHARED RESTROOM		12"X24"X5/16", RUNNING BOND, GROUT MAPEI 32 PEWTER 8"X12"X5/16", RUNNING BOND, GROUT MAPEI 102 MINT			Anita KHULLAR <anita.khullar@daltile.com></anita.khullar@daltile.com>	
TL-03		DALTILE	VOLUME 1.0	INTENSITY PEBBLE VL72	SHOWER FLOOR		5"X6"X5/16", STACK, GROUT MAPEI 74 CHARCOAL			Anita KHULLAR <anita.khullar@daltile.com> Anita KHULLAR <anita.khullar@daltile.com></anita.khullar@daltile.com></anita.khullar@daltile.com>	
TL-05	TILE - WALL	TILEBAR	KENRIDGE RIBBON MAPLE 24x48	MATTE PORCELAIN WOOD LOOK TILE	LOBBY DRINKING FOUNTAIN	2	24"X48", STACKING, GROUT TBD			Anita KHULLAR <anita.khullar@daltile.com></anita.khullar@daltile.com>	
WB-01		TARKETT	4" H (ROLLED GOODS)	01 SNOW WHITE	TYP. U.O.N.		COVED AT HARD SURFACES				
WB-01		TARKETT	4" H (ROLLED GOODS)	40 BLACK	FITNESS		COVED AT HARD SURFACES			Smith, Kasey <kasey.smith@tarkett.com> Smith, Kasey <kasey.smith@tarkett.com></kasey.smith@tarkett.com></kasey.smith@tarkett.com>	
WB-03		TARKETT	4" H (ROLLED GOODS)	195 ASH WG	DAY ROOM, DORM ROOMS. TO BE USED WITH PT-03		COVED AT HARD SURFACES			Smith, Kasey <kasey.smith@tarkett.com></kasey.smith@tarkett.com>	
WB-04 CARPET	RUBBER WALL BASE	TARKETT	4" H (ROLLED GOODS)	262 DRIZZLE	BREAK ROOM ACCENT. TO BE USED WITH PT-06	C	COVED AT HARD SURFACES			Smith, Kasey <kasey.smith@tarkett.com></kasey.smith@tarkett.com>	
WOM-01	1 WALK OFF MAT	BENTLEY	ROUGH IDEA SHEAR	SHAPE 800117	DAY ROOM PLATFORM, SEE DETAIL	2	24"x24", MONOLITHIC INSTALLATION			Jan Lewbin <jan.lewbin@bentleymills.com></jan.lewbin@bentleymills.com>	
CEILING											
GYP ACT-01		N/A ARMSTRONG	OPTIMA TEGULAR	WHITE	TYPICAL U.O.N. DORM, OFFICE, CONFERENCE, PRINT RM, STORAGE, BOH		PAINT PT-01, FLAT FINISH, U.O.N. 24"x24"			Matthew P. Newman <mpnewman@armstrongceilings.com></mpnewman@armstrongceilings.com>	
ACT-02		ARMSTRONG	LYRA PB - TENGULAR	TOFFEE CHESTNUT	KITCHEN HIGH CEILING		24"x72"x1"			Matthew P. Newman <mpnewman@armstrongceilings.com></mpnewman@armstrongceilings.com>	
MTL-01	MESH CEILING PANEL	ARMSTRONG	METALWORKS MESH	COPPER	FITNESS	2	24"x96", 360 DEGREE PAINTED			Matthew P. Newman <mpnewman@armstrongceilings.com></mpnewman@armstrongceilings.com>	
PAINTING PT-01		DUNN EDWARD	LOW VOC, PREMIUM PAINT	WARM WHITE DEW 380	TYPICAL PAINT. SEE FINISH PLAN FOR LOCATION	F	EGGSHELL FOR WALL, SEMI-GLOSS FOR DOOR AND DOOR FRAM	IF FLAT FOR CEILING U.O.	N	Larry Loo <larry.loo@dunnedwards.com></larry.loo@dunnedwards.com>	
PT-02		DUNN EDWARD	LOW VOC, PREMIUM PAINT	DILL GRASS DE 5536	UNI-SEX RESTROOM ACCENT, SEE FINISH PLAN		EGGSHELL FOR WALL, SEMI-GLOSS FOR DOOR AND DOOR FRAM			Larry Loo <larry.loo@dunnedwards.com></larry.loo@dunnedwards.com>	
PT-03 PT-04		DUNN EDWARD DUNN EDWARD	LOW VOC, PREMIUM PAINT	SHADY DEC 774 OUTLAWED ORANGE DET 465	DORM ROOM FITNESS ACCENT, SEE FINISH PLAN & ELEVATIONS		EGGSHELL FOR WALL, SEMI-GLOSS FOR DOOR AND DOOR FRAM			Larry Loo <larry.loo@dunnedwards.com> Larry Loo <larry.loo@dunnedwards.com></larry.loo@dunnedwards.com></larry.loo@dunnedwards.com>	
PT-05	·	DUNN EDWARD	LOW VOC, PREMIUM PAINT	TORTILLA DE 5436	TRAINING RM ACCENT		EGGSHELL FOR WALL, SEMI-GLOSS FOR DOOR AND DOOR FRAN			Larry Loo <larry.loo@dunnedwards.com></larry.loo@dunnedwards.com>	
PT-06	,	DUNN EDWARD	LOW VOC, PREMIUM PAINT	STONE SILVER DE 5773	BREAK RM ACCENT		EGGSHELL FOR WALL, SEMI-GLOSS FOR DOOR AND DOOR FRAN	IE, FLAT FOR CEILING, U.O	N.	Larry Loo <larry.loo@dunnedwards.com></larry.loo@dunnedwards.com>	
PT-07	WRITABLE WALL PAINT	BENJAMIN MOORE	CLEAR	CLEAR	TRAINING RM ACCENT	F	PREP WALL TO LEVEL 5, BASE PAINT WHITE, PT-01.				
			Г.	NEW DESCRIPTION	MORONGO FIRE STATION			FUDMOUSD	NOTALLED D	NOTES	
				REYNOTE # DESCRIPTION QUIPMENT	MANUFACTURER MC	MODEL NUMBER	LOCATION	FURNISHED	BY INSTALLED B	Y NOTES:	
				EQ-01 REFRIGERATOR	WHIRLPOOL WE	VRB322DMBM00	KITCHEN	OWNER	GC	GC TO PROVIDE FILTERED WATERLINE FOR ICEMAKER	
				EQ-02 STOVE / OVEN STOVE / OVEN VENT	VULCAN THERMADOR	<u>36S-6BN</u> <u>PH36HWS</u>	KITCHEN	OWNER	GC	GC TO PROVIDE GAS LINE, PER MANUFACTURERS INSTRUCTIONS	
				EQ-03 MICROWAVE		<u>NN-SE785S</u>	KITCHEN	OWNER	GC		
				EQ-04 DISHWASHER		WDT970SAKZ	KITCHEN	OWNER	GC		
				EQ-05 COFFEE MACHINE EQ-06 WASHER		<u>K2500 Plumbed</u> WF46BB6700	LAUNDRY ROOM	OWNER	GC	GC TO PROVIDE FILTERED WATERLINE	
				EQ-07 DRYER	SAMSUNG	DVG53BB8700	LAUNDRY ROOM	OWNER	GC		
				EQ-08 LCD TV: DAY ROOM EQ-09 LCD TV: OFFICE		85" - AU8000TV 65" - TU7000	DAY ROOM OFFICE / TRAINING / BREAK ROOM / GYM / CONFERENCE	OWNER	OWNER		
				EQ-10 PRINTER /COPIER	TBD		RECEPTION	OWNER	OWNER		
				EQ-11 BBQ GRILL EQ-12 PROJECTOR	MML-MODERN MATERIALS LAB		TRAINING ROOM	OWNER	OWNER		
				EQ-13 REFRIGERATOR	WHIRLPOOL	WRB329	BREAK ROOM				
				EQ-14 HIGH CAPACITY DRYER		CACTD-75	LAUNDRY ROOM	OWNER	GC		
			ADD #2	EQ-15 HIGH CAPACITY WASHER / EXTRACT EQ-16A LOCKERS		MHD-70 / CACHMBS-70 X 32"D - RED COLOR	TURN OUT	OWNER GC	GC	3	
			>	LQ-10A LOOKLING			I				
				EQ-16B LOCKERS		X 32"D - RED COLOR	TURN OUT	GC	GC	7	
					SPEAKMAN	X 32"D - RED COLOR SE-570 IP 120 GALLON TWO STAGE	MAINTENANCE	GC GC	GC GC		

MORONGO FIRE STATION FINISH SCHEDULE

LOCATION

SIZE/INSTALLATION

CONTACT INFO

A12.0

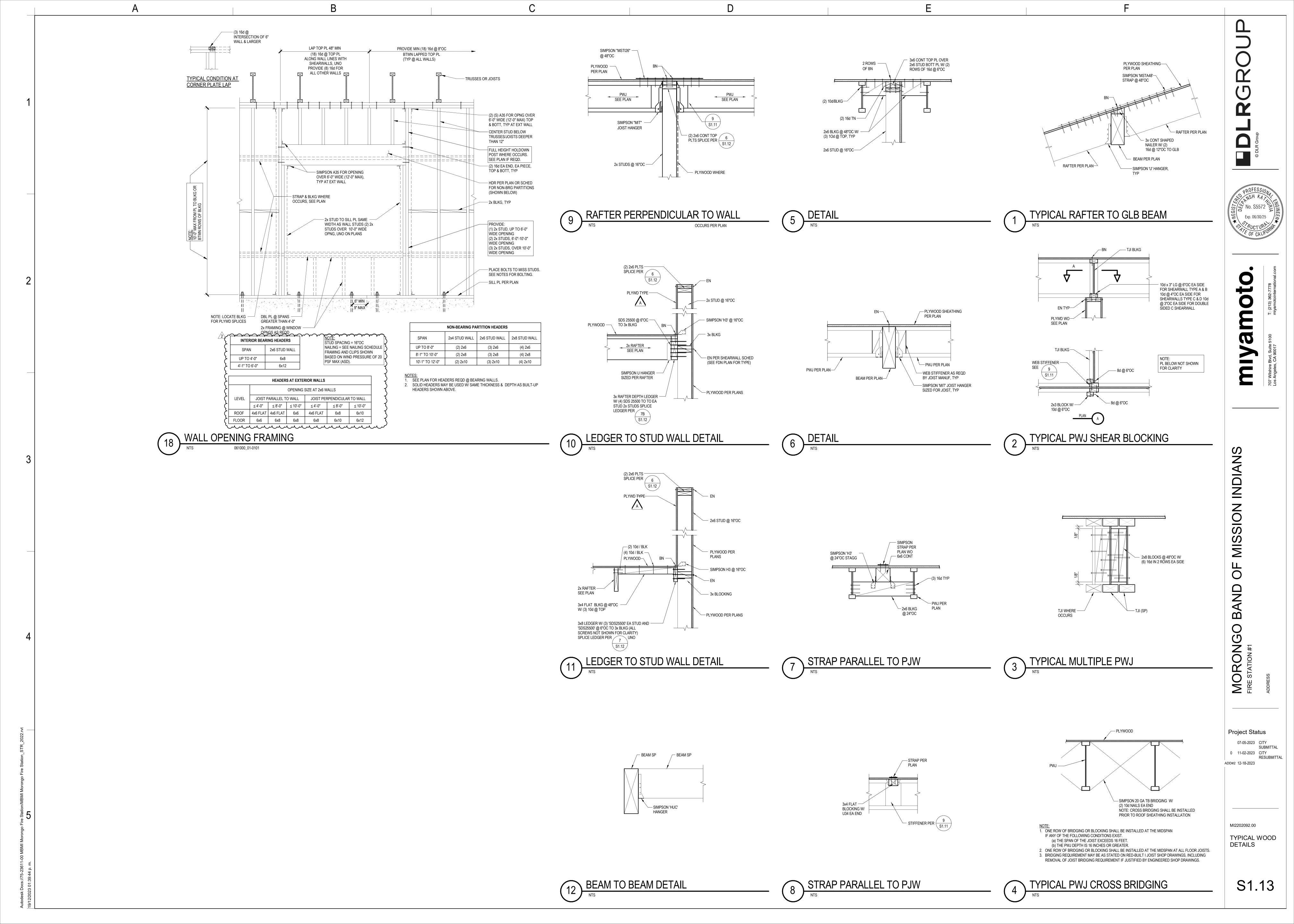
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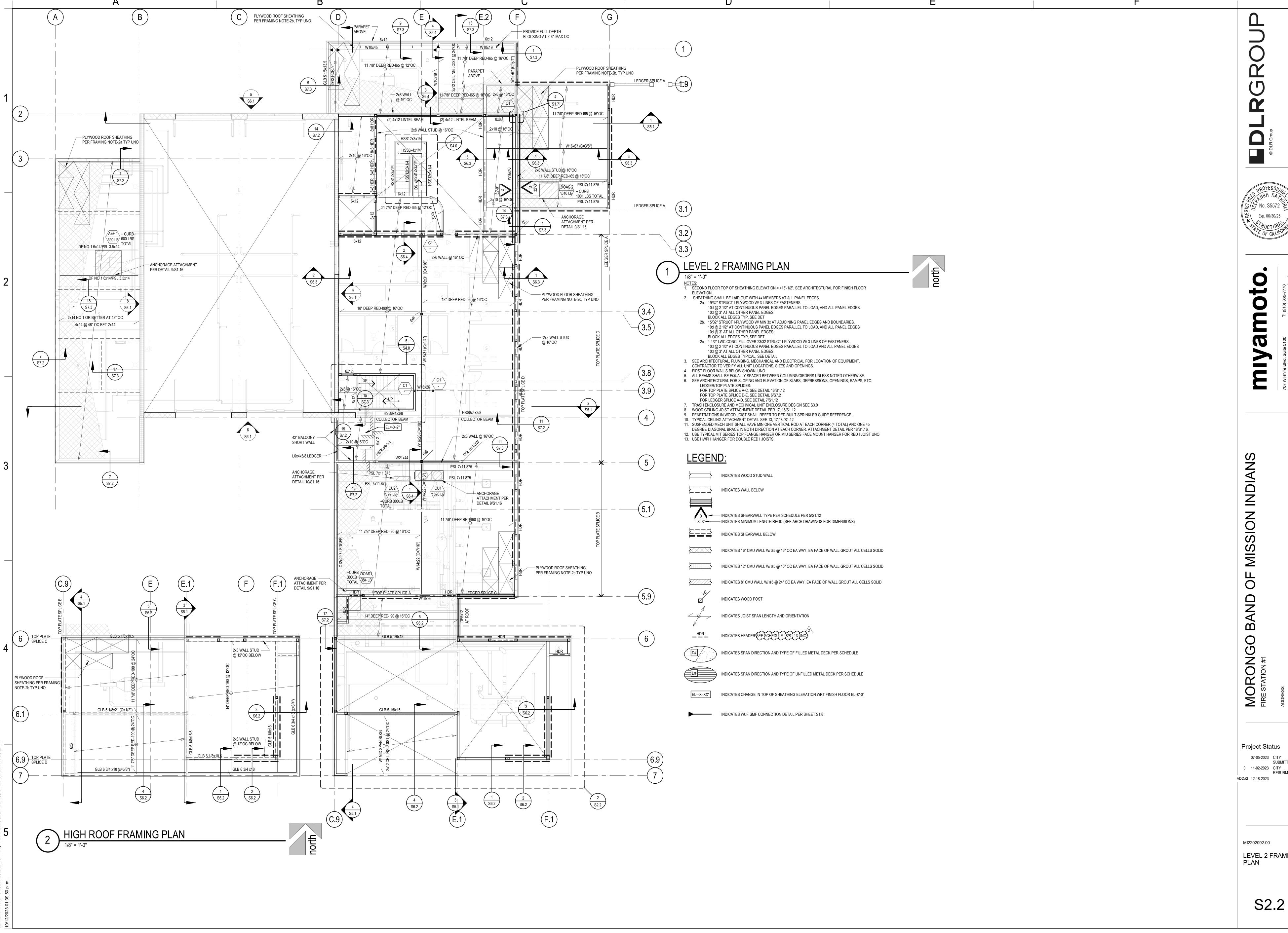
DESCRIPTION

MANUFACTURER

STYLE

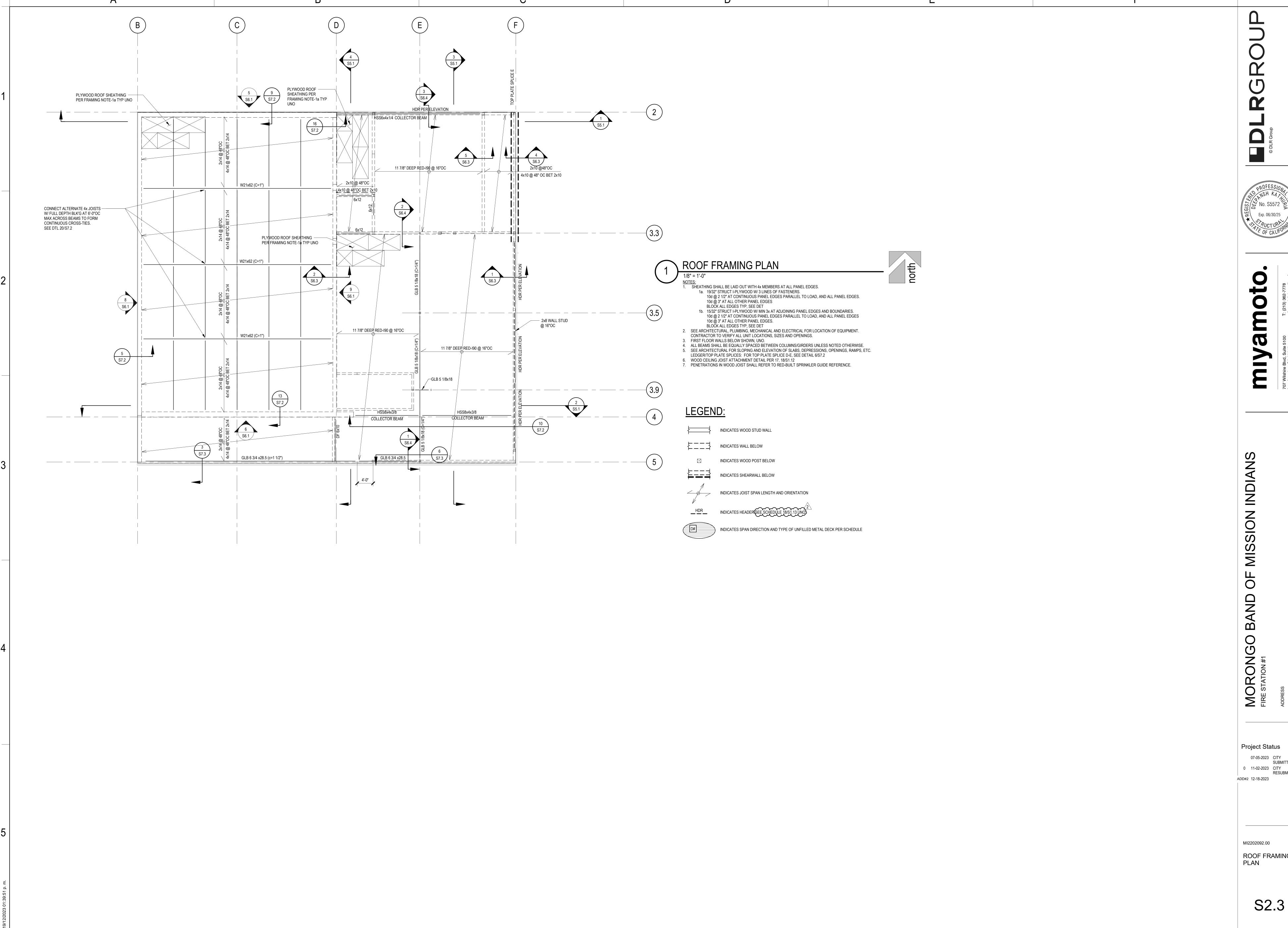
COLOR/FINISH





07-05-2023 CITY 0 11-02-2023 CITY

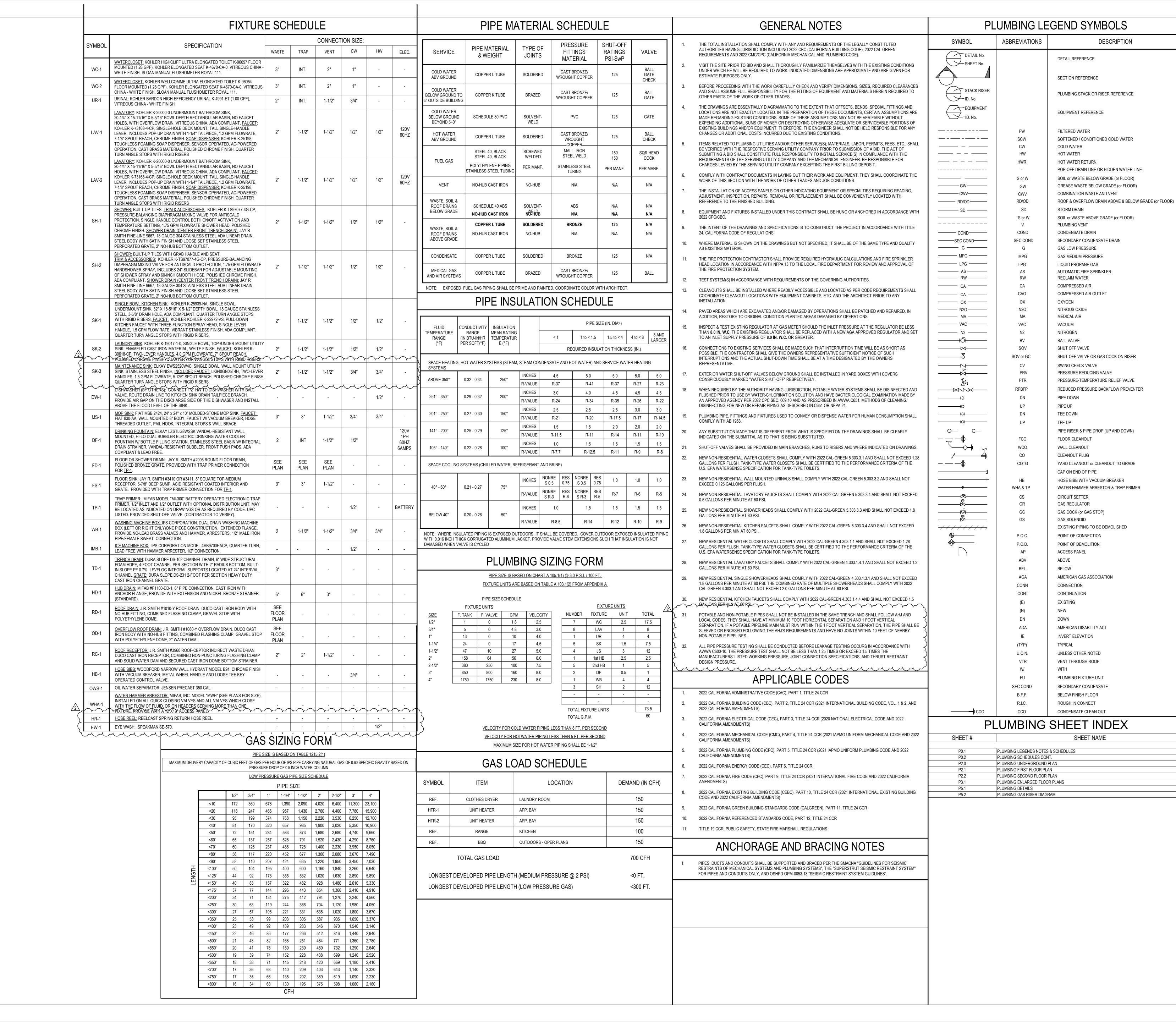
LEVEL 2 FRAMING





Project Status 07-05-2023 CITY 0 11-02-2023 CITY

ROOF FRAMING



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23-121

AHJ SUBMITTA

9.25.2023

REVISIONS

23-121

PLUMBING

LEGENDS NOTES

& SCHEDULES

PROVIDE REFRIGERATED DRYER ATLAS COPCO MODEL

Project: 23-121 Date: 8/30/2023 Colin Goulet

GREASE INTERCEPTOR SCHEDULE

FLOW RATE PIPE CONNECTIONS

19 GALLONS 11 MIN DRAÍN PERÍOD = 19 GRM

ELECTRICAL

FLA V-P-HZ

DIMENSIONS

208-3-60 40" L x 30" W x 77" H

ELECTRICAL

V-P-HZ

120V-1ø-60Hz

RECOVERY ELEMENT

MOTOR

(HP)

WATER HEATER SCHEDULE

6 GPM @ 30 DEG. TEMP. RISE

6 GPM @ 30 DEG. TEMP. RISE

3 GPM @ 52 DEG. TEMP. RISE

CAPACITY

TANKLESS

TANKLESS

TANKLESS

(GPM)

AIR COMPRESSOR SCHEDULE

MOTOR

(HP)

WEIGHT

(LBS)

36,000 WATTS 208V-1ø-60Hz

36,000 WATTS 208V-1ø-60Hz

23,000 WATTS 208V-3ø-60Hz

DETAIL

(5) P5.1)

ELECTRICAL

V-PH-HZ

AMPS

REMARKS

REMARKS

FX-HT-2-A-UL (120V-1PH-60Hz, 108 LBS)

W/ RISER RINGS AS REQ'D TO FLUSH W/ GRADE

930

REMARKS

WEIGHT

30 LBS.

30 LBS.

11 LBS.

5 P5.1

5 P5.1

Plumbing System Friction Loss

2 SINKS * ((32" x 18" x 5") / 231) * 0.75 FILL FACTOR = 19 GALLONS

CAPACITY

35.9 CFM @ 100 PSIG

35 (35 psi for flushvalve and 30 pressure assisted Tank) Min. friction loss (psi)

manne ma

Elev. above St. main (ft.) Daily St. pressure (psi)

Design West Engineering

110 James Street, Suite 106

Edmonds, WA 98020

CIRCULATING PUMP SCHEDULE

CONSTRUCTION

STAINLESS STEEL

LOCATION

MECH ROOM

MECH ROOM

MANTAINENCE ROOM

CAPACITY

(GAL.)

-NOTES - 2087-SINGLÉ PHASE IMPUT-WILL RÉDUCE TEMPERATURE OUTPUT CAPACITY BY 25%. BREAKERS TO BE SIZED AT (4) 50 AMPS FOR OVEROURRENT PROTECTION.

CAPACITY

10 GPM @ 15' TDH

MANUFACTURER &

MODEL NO.

RHEEM

RTEX-36

RTEX-36

EX023240TC

(- WH-3 TO BE SET TO 80F FOR EYEWASH STATION. www...

MANUFACTURER &

MODEL NO.

WATTS WD-20

NOTES: -SIZING BASED FROM 2019 CPC 1014.2.1:

LOCATION

COMPRESSOR 132

MANUFACTURER &

MODEL NO.

BELL&GOSSETT

PL-36

LOCATION

MECHANICAL ROOM

TAG

TAG

MANUFACTURER &

MODEL NO.

ATLAS COPCO

CR10-TS

TAG

CA

TAG

NOTES: -

SYSTEM

 $\frac{\overline{WH}}{1}$ $\frac{\overline{WH}}{2}$

70 (from local water district) 375 (from plans, in feet)

20 (from civil plans)

2" Water Meter pressure loss (psi.) 2-1/2" Bfp pressure loss

Dist. from St. to highest

4 (UPC Appendix A.1) 6 RP BFP typically = 13psi / 30' hd Dbl. Chk typically = 6 psi / 13.8' hd. 8.6 System static pressure loss (psi)

Friction loss available to Total developed length

Maximum velocity not to exceed 8fps.

Friction loss/100 ft.

3.1238095

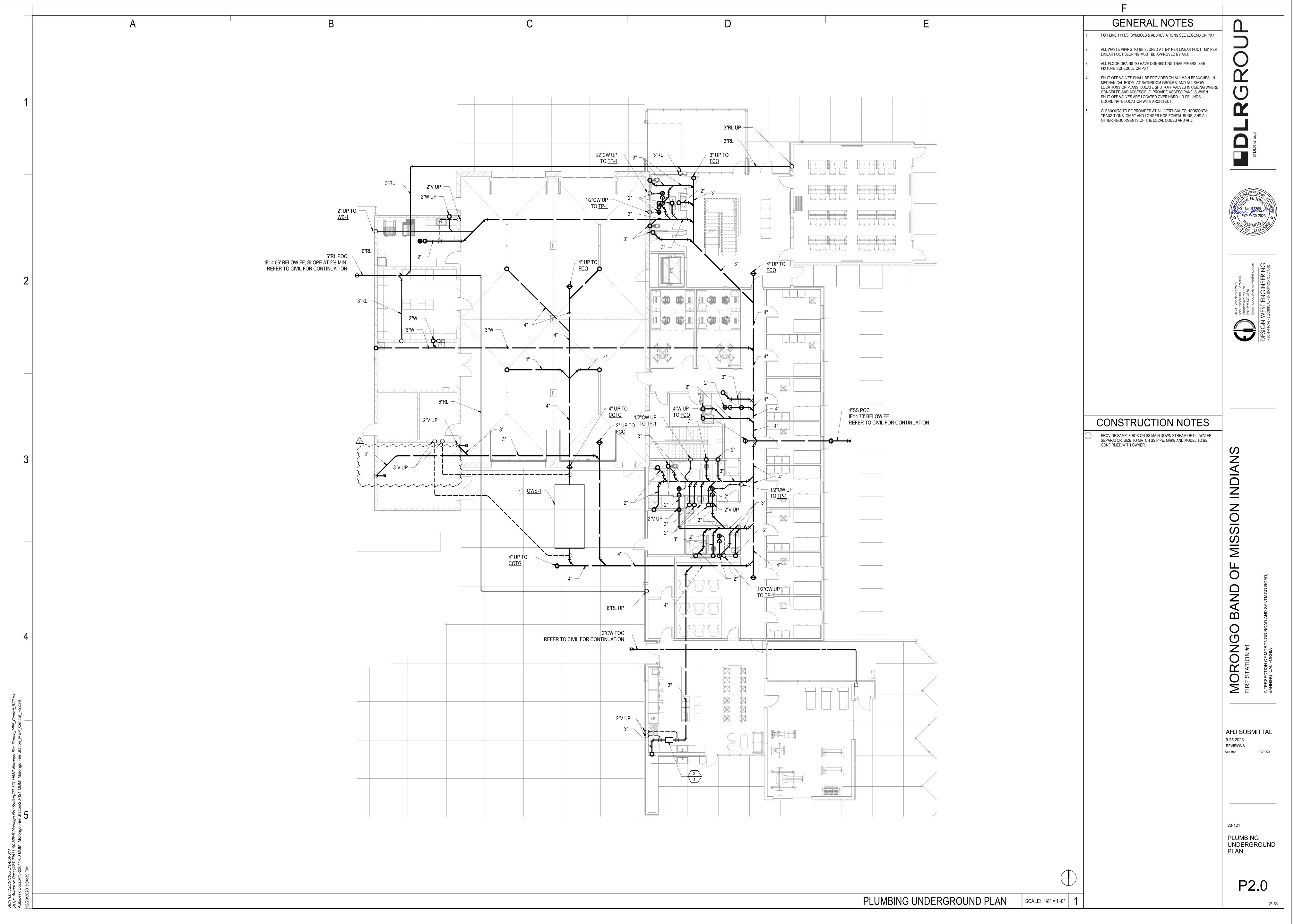
(max. friction loss allowable)

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23-121 PLUMBING SCHEDULES CONT.

P0.2

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GENERAL NOTES

MECHANICAL ROOM, AT BATHROOM GROUPS, AND ALL SHOW

SHUT-OFF VALVES ARE LOCATED OVER HARD LID CEILINGS,

ALL MECHANICAL EQUIPMENT CONDENSATE TO BE ROUTED TO

CONDENSATE PIPING IS TO BE SLOPED AT 1/8" PER LINEAR FOOT.

OTHER REQUIRMENTS OF THE LOCAL CODES AND AHJ.

NEARBY SINK TAILPIECE OR TO EXTERIOR LANDSCAPING.

12. FOR GAS PIPING SIZES, SEE GAS RISER DIAGRAM ON SHEET P5.2.

COORDINATE LOCATION WITH ARCHITECT.

FOR WATER HEATER, SEE DETAIL (P5.1)

2 ON SHEET P5.1.

FOR WATER CLOSETS.

SEE FIXTURE SCHEDULE ON P0.1.

ALL PLUMBING VENTS TO BE 2", UNO.

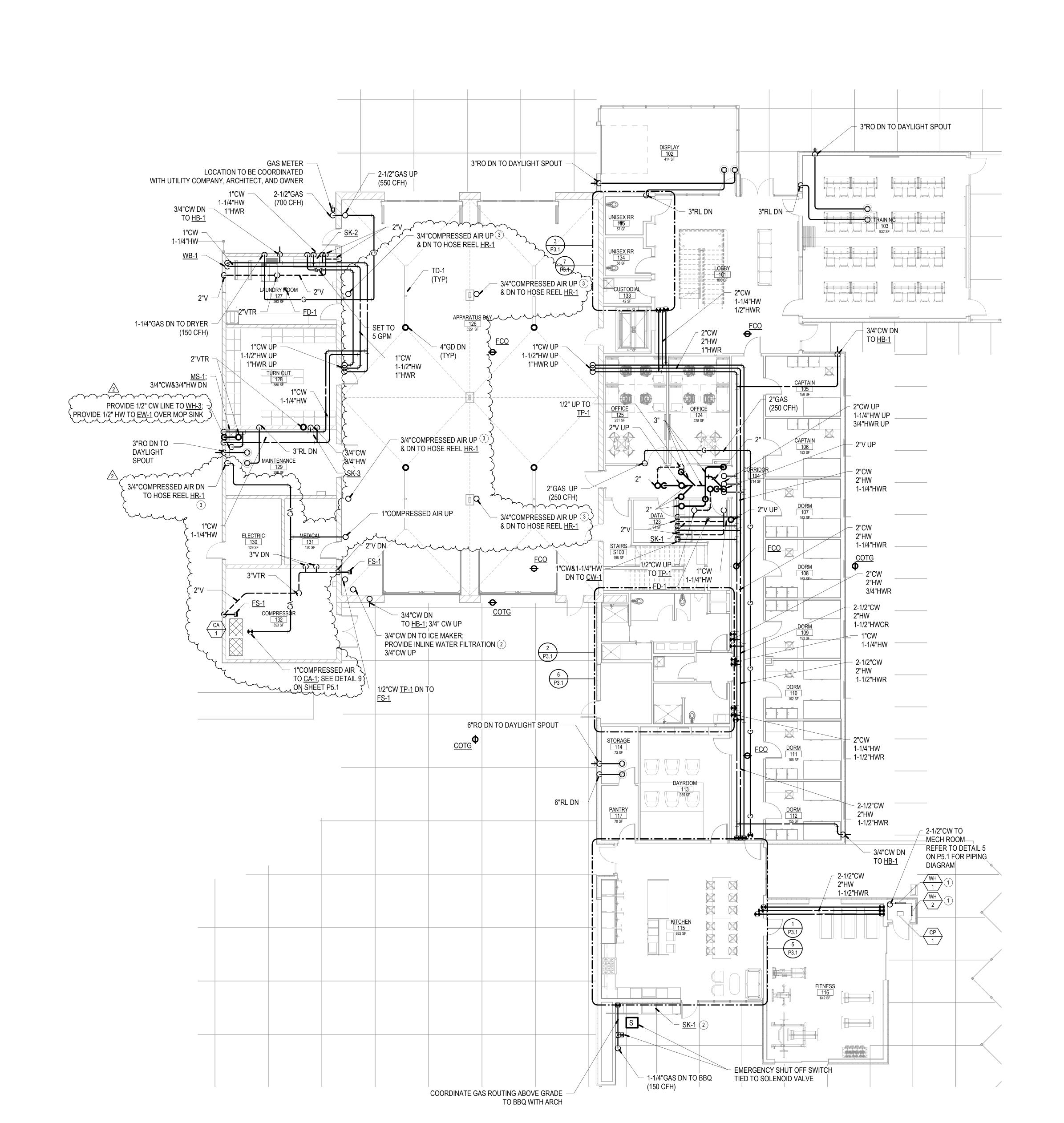
PROVIDE BODY GLOVE BG-6000FF WATER FILTRATION UPSTREAM OF WATER SUPPLY LINE. PROVIDE ALL NECESSARY FITTINGS AND ACCESSORIES FOR A COMPLETE AND OPERATIONAL INSTALLATION. CONTRACTOR TO VERIFY HOSE REEL MODEL WITH AIR COMPRESSOR PRESSURE AND PIPE SIZING; CONTRACTOR TO VERIFY MODEL WITH OWNER BEFORE ORDERING.

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PLUMBING FIRST FLOOR PLAN

P2.1

PLUMBING FIRST FLOOR PLAN SCALE: 1/8" = 1'-0"



GENERAL NOTES

UNLESS NOTED ALL CW & HW CONNECTIONS TO FIXTURE ARE 1/2",

MECHANICAL ROOM, AT BATHROOM GROUPS, AND ALL SHOW

CONCEILED AND ACCESSIBLE. PROVIDE ACCESS PANELS WHEN SHUT-OFF VALVES ARE LOCATED OVER HARD LID CEILINGS,

CLEANOUTS TO BE PROVIDED AT ALL VERTICAL TO HORIZONTAL

TRANSITIONS, ON 50' AND LONGER HORIZONTAL RUNS, AND ALL

ALL MECHANICAL EQUIPMENT CONDENSATE TO BE ROUTED TO NEARBY SINK TAILPIECE OR TO EXTERIOR LANDSCAPING.

CONDENSATE PIPING IS TO BE SLOPED AT 1/8" PER LINEAR FOOT.

FOR GAS PIPING SIZES, SEE GAS RISER DIAGRAM ON SHEET P5.2.

OTHER REQUIRMENTS OF THE LOCAL CODES AND AHJ.

2 ON SHEET P5.1.

FOR WATER CLOSETS.

SEE FIXTURE SCHEDULE ON P0.1.

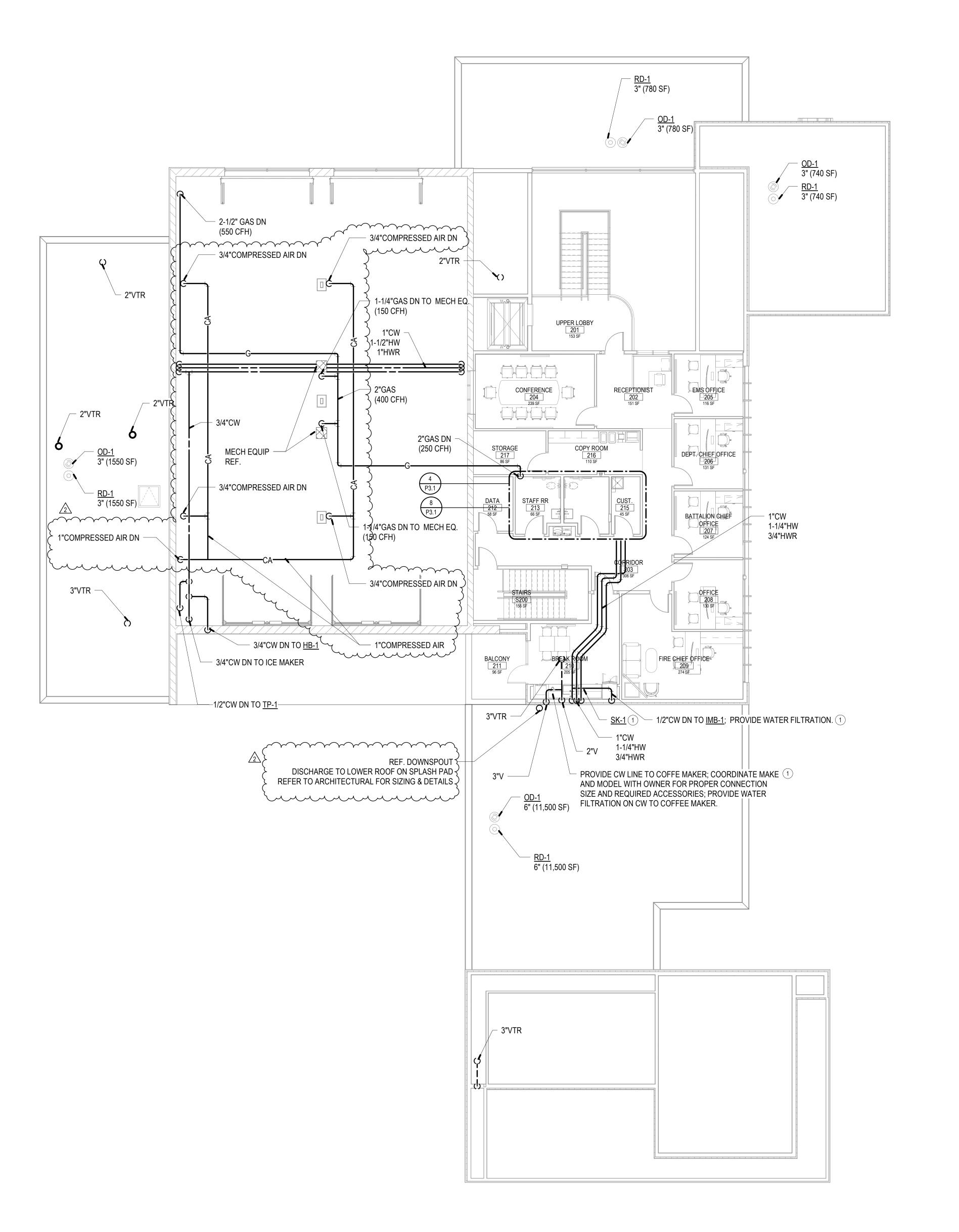
ALL PLUMBING VENTS TO BE 2", UNO.

COORDINATE LOCATION WITH ARCHITECT.

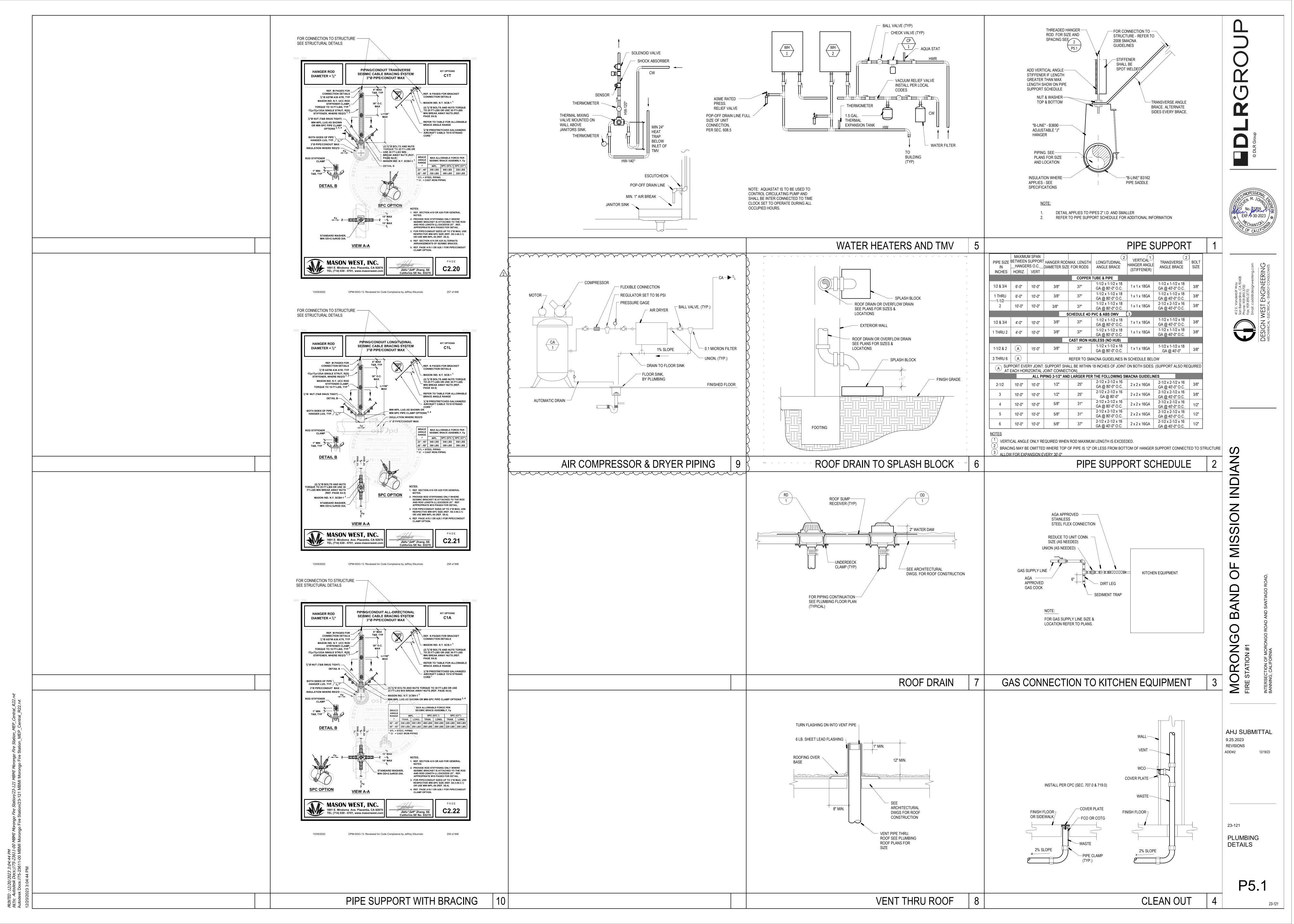
PLUMBING SECOND FLOOR PLAN

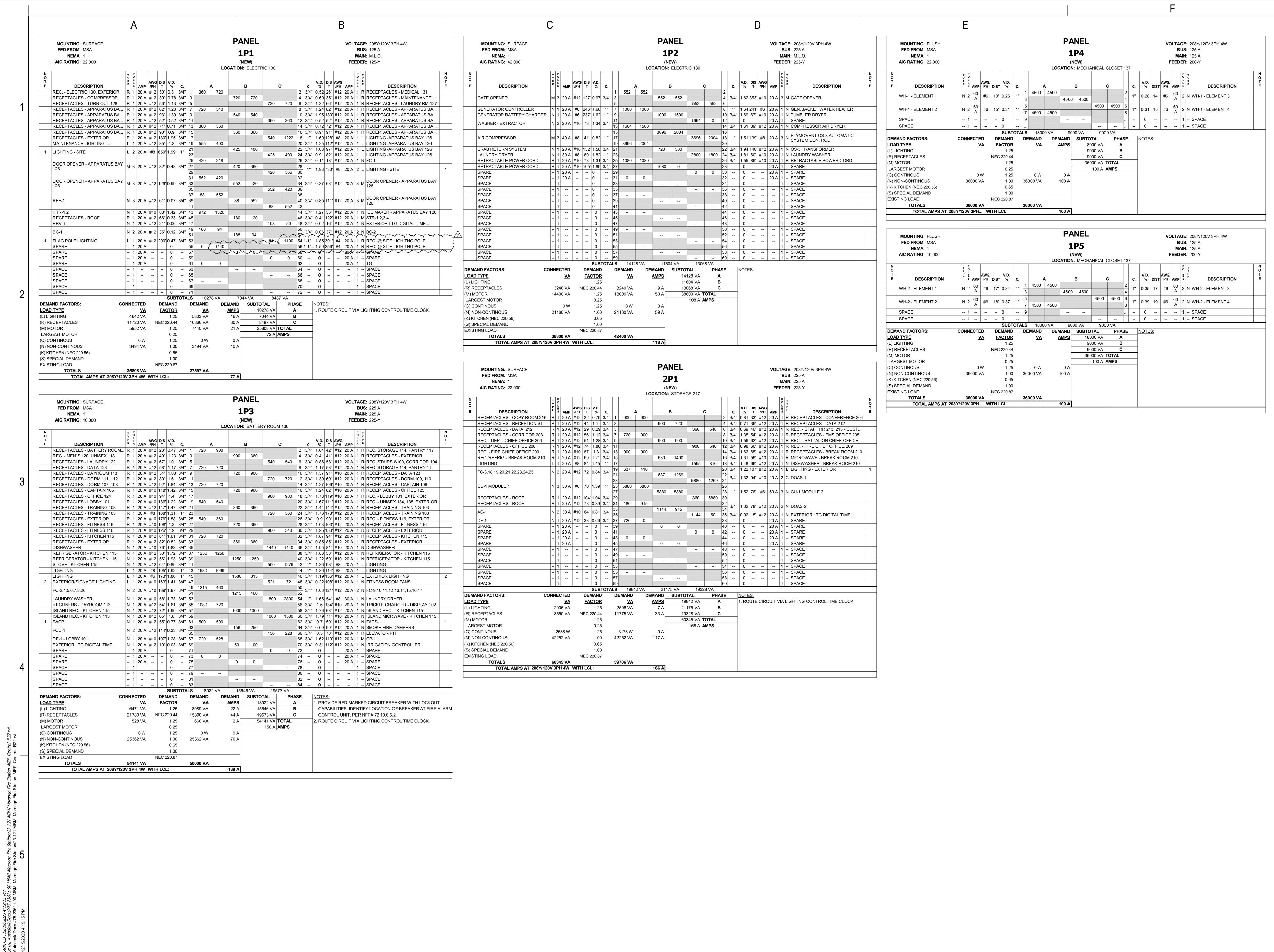
P2.2

PLUMBING SECOND FLOOR PLAN



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







412 E. Vanderbilt Way San Bernardino, CA 92408 Phone: 909.890.3700 Fax: 909.890.3770 Email: cadd@designwesteng.com

DESIGN WEST ENGINEERING

AECHANICAL • ELECTRICAL • ENERGY CONSULTANTS

AGO BAND OF MISSION INDIANS

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ADD#2

12/19/23

23-121

PANEL
SCHEDULES

E0.5

0.0

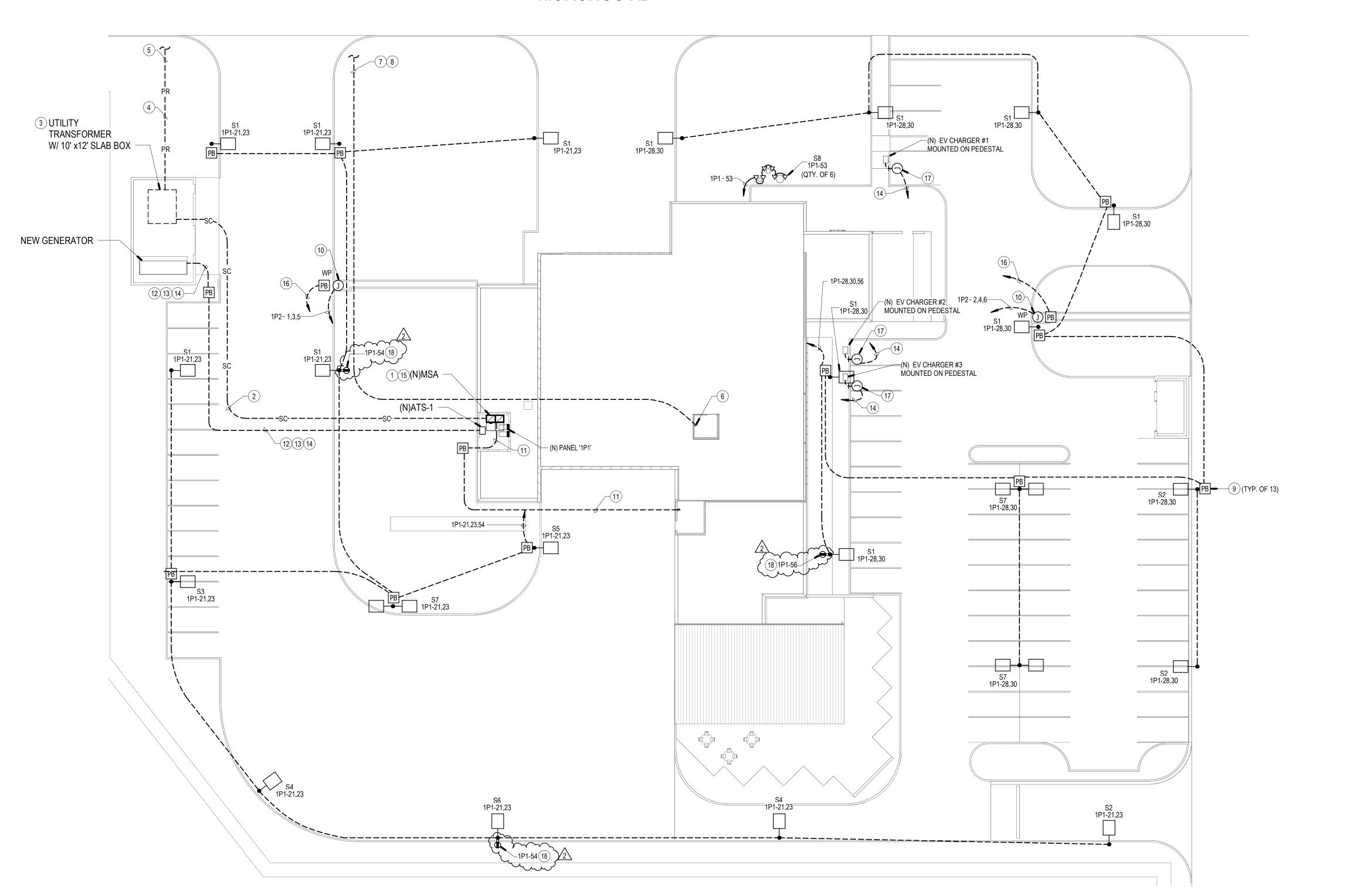
PLAN

ELECTRICAL SITE

ELECTRICAL SITE PLAN

MORONGO RD

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UTILITY SERVICE INFORMATION SHOWN IS FOR BIDDING PURPOSES ONLY. ACTUAL CONSTRUCTION DOCUMENTS SHALL BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY REPRESENTATIVE TO ESTABLISH PRE-CONSTRUCTION COORDINATION, OBTAIN ALL NECESSARY METERS AND/OR APPROVALS, AND SCHEDULE UTILITY WORK TO COORDINATE WITH THE CONSTRUCTION SCHEDULE. ALL SITE BRANCH CIRCUIT WIRING SHALL BE #10 AWG. OR LARGER. CONTRACTOR SHALL VERIFY EXISTING BUILDING FOOTING PRIOR TO INSTALLATION OF STUB-UP CONDUITS FOR NEW WALL MOUNTED JUNCTION BOX TO AVOID ANY INTERFERENCE. CONTRACTOR SHALL UTILIZE 'GPR' GROUND PENETRATING RADAR TO

SURVEY AND TRACE ALL EXISTING UNDERGROUND UTILITY LINES IN AREAS WHERE NEW TRENCHING IS PLANNED. CONTRACTOR TO SUBMIT "GPR" REPORT TO PROJECT MANAGER FOR REVIEWING PRIOR

ALL POWER UTILITY WORK SHALL BE IN COMPLIANCE WITH THESE DRAWINGS AND THE REQUIREMENTS OF THE SERVING UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE SERVING UTILITY TO RECEIVE COMPLETE INFORMATION ON THEIR REQUIREMENTS PRIOR TO THE SUBMISSION OF THE BID. THE ACT OF SUBMITTING THE BID SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO INSTALL SERVICE IN COMPLIANCE WITH THE SERVING UTILITY AND THE CONTRACT DOCUMENTS.

GENERAL NOTES

IF UTILITY DRAWINGS ARE NOT AVAILABLE WHEN BIDS ARE SUBMITTED, SO INDICATE AND ADVISE ELECTRICAL ENGINEER OF

COMPANIES PRIOR TO START OF ANY SITE WORK.

PRIOR TO INSTALLATION OF UTILITY SERVICES.

EXISTING CONDITIONS AND NEW WORK.

PANELS, CONDUIT, AND TRANSFORMER WITH RESPECTIVE UTILITY

ALL UTILITY SERVICES SHALL BE INSTALLED PER THE UTILITY COMPANY REQUIREMENTS. VERIFY FINAL CONSTRUCTION REQUIREMENTS WITH UTILITY COMPANY SERVICE PLANNERS.

RECORD ACCORDINGLY.

ALL SITE UNDERGROUND CONDUIT TO BE 1" MIN. UNLESS OTHERWISE

SUPPORT CONDUIT(S) EVERY 10'-0" AND WITHIN 3'-0" OF ANY JUNCTION BOX OR TERMINATION.

CONTACT INFORMATION FOR UTILITY COMPANIES ARE AS FOLLOWS:

POWER: (COMPANY NAME AND PHONE NUMBER) TELEPHONE: (COMPANY NAME AND PHONE NUMBER) FIBER: (COMPANY NAME AND PHONE NUMBER)

CONTRACTOR IS TO CONTACT UTILITY INSPECTOR (LISTED ON FINAL UTILITY APPROVED PLANS) TO SCHEDULE A PRE-CONSTRUCTION MEETING PRIOR TO ALL UTILITY CONSTRUCTION.

CONSTRUCTION NOTES

- UNDERGROUND PULLSECTION PER POWER UTILITY SERVICE REQUIREMENTS. SEE SINGLELINE DIAGRAM(S) FOR FURTHER INFORMATION. PROVIDE MINIMUM CLEARANCES AS REQUIRED BY THE SERVICE UTILITY COMPANY.
- POWER UTILITY SECONDARY CONDUITS. PROVIDE (1)-5"C.O. PER EACH 400A OF SERVICE CAPACITY PLUS SPARE CONDUIT AS SPECIFIED BY UTILITY COMPANY, UNLESS NOTED OTHERWISE. VERIFY SIZE AND QUANTITY OF CONDUITS REQUIRED WITH UTILITY COMPANY PRIOR TO BID. ALL WORK TO BE DONE FROM UTILITY CO. APPROVED PLANS.
- POWER UTILITY PAD (OR SLAB BOX). VERIFY SECONDARY/PRIMARY HANDHOLE REQUIREMENTS. PROVIDE GROUNDING PER UTILITY COMPANY REQUIREMENTS.
- (4) (1)-5"C.O. FOR PRIMARY SERVICE PER POWER UTILITY COMPANY REQUIREMENTS. PROVIDE 3" CONCRETE COVER AS REQUIRED BY UTILITY CO., UNLESS OTHERWISE NOTED. VERIFY SIZE AND QUANTITY OF CONDUITS REQUIRED WITH UTILITY COMPANY PRIOR TO BID. ALL WORK TO BE DONE FROM UTILITY CO. APPROVED PLANS.
- LOCATION WITH UTILITY SERVICE PLANNER AND IN FIELD. STUB UP MAIN TELEPHONE CONDUITS IN DATA ROOM. COORDINATE
- STUBS WITH DIMENSIONED ARCHITECTURAL DRAWINGS.
- (2)-4"C.O. FOR TELEPHONE SERVICE PER TELEPHONE UTILITY REQUIREMENTS.
- 8 POINT OF CONNECTION TO TELEPHONE UTILITY COMPANY. VERIFY EXACT LOCATION WITH UTILITY SERVICE PLANNER IN FIELD.
- 9 PROVIDE #3 1/2 PULLBOX. REFER TO $\frac{6}{(E6.1)}$
- GATE OPENER ELECTRICAL REQUIREMENT ARE BASIS OF DESIGN ONLY AND NEEDS TO BE COORDINATED WITH THE SELECTED GATE OPENER MANUFACTURER PRIOR TO BID AND INSTALLATION. PROVIDE POWER FOR GATE OPENER. VERIFY EXACT POWER REQUIREMENTS WITH GATE INSTALLER PRIOR TO ROUGH-IN.
- REFER TO SINGLE LINE DIAGRAM SHEET E0.6 FOR BATTERY STORAGE SYSTEM CONDUIT REQUIREMENTS.
- 2) CONTRACTOR TO PROVIDE (1) 1" CONDUIT ONLY WITH PULL STRING TO GENERATOR AUTOMATIC TRANSFER SWITCH FOR GENERATOR CONTROL WIRING. VERIFY ADDITIONAL REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION. 3) TO PANEL '1P1' GENERATOR BATTERY CHARGER, JACKET WATER
- HEATER AND CONTROLLER CIRCUIT, REFER TO PANEL SCHEDULE '1P2' FOR CIRCUIT DESIGNATION, CONDUIT AND CONDUCTOR SIZE. REFER TO SINGLE LINE DIAGRAM SHEET E0.9 FOR CONDUIT AND
- CONDUCTOR REQUIREMENTS. 5) PROVIDE MINIMUM 3'-0" LEVEL CLEARANCE IN FRONT OF ELECTRICAL
- EQUIPMENT, PER NEC 110.26.
- (16) PROVIDE 1" C.O. WITH PULLSTRING TO GATE OPENER CONTROL. VERIFY EXACT TERMINATION LOCATION WITH GATE INSTALLER PRIOR TO ROUGH-IN.
- 7) SURFACE MOUNTED JUNCTION BOX FOR EV CHARGER SIZED PER NEC. MOUNT AT +18" A.F.F. CONTRACTOR TO COORDINATE LOCATION IN FIELD WITH FIRE STATION REPRESENTATIVE AND ARCHITECT PRIOR TO ROUGH-IN. PROVIDE GFI RECEPTACLE IN HAND HOLE WITH 'IN-USE', HINGED, LOCKABLE, WEATHER PROOF DOOR.

AIR COMPRESSOR AIR DRYER ELECTRICAL REQUIREMENTS ARE BASIS OF

COMPRESSOR AIR DRYER MANUFACTURER PRIOR TO BID AND

PROVIDE POWER FOR PLYMOVENT CRAB RETURN SYSTEM, CONTRACTOR TO CONFIRM ELECTRICAL REQUIREMENTS WITH MANUFACTURER AND LOCATION WITH OWNER PRIOR TO ROUGH-IN.

AUTOMATIC SYSTEM CONTROL.

HOISTWAY PIT, PER CEC ART. 620.24 & 620.85. 3) PROVIDE LIGHT FIXTURE IN ELEVATOR HOISTWAY PIT PER ASME

NEEDS TO BE COORDINATED WITH THE SELECTED ELEVATOR FOR CODE COMPLIANCE. FUSING PER ELEVATOR EQUIPMENT

ONLY AND NEEDS TO BE COORDINATED WITH THE SELECTED

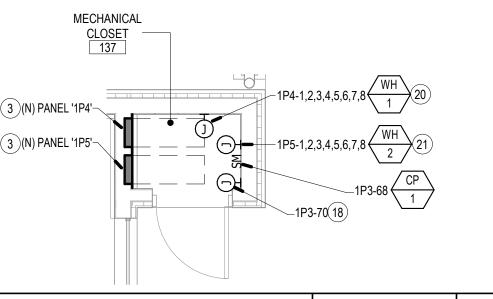
6) TUMBLER DRYER ELECTRICAL REQUIREMENTS ARE BASIS OF DESIGN

7) CONTRACTOR TO PROVIDE DIGITAL TIME CLOCK FOR EXTERIOR AREA LIGHTING CONTROL. PART # TORK DZS400BP. CONTRACTOR TO COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.

LOCATION AND MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN. FIRST FLOOR

20) CONTRACTOR TO PROVIDE A WARNING LABEL ON TANKLESS WATER HEATER, STATING; TURN OFF MAIN BREAKER AT PANEL 1P4 PRIOR TO

21) CONTRACTOR TO PROVIDE A WARNING LABEL ON TANKLESS WATER HEATER, STATING; TURN OFF MAIN BREAKER AT PANEL 1P5 PRIOR TO SERVICING TANKLESS WATER HEATER. (2) CONTRACTOR TO PROVIDE JUNCTION BOX FOR FUTURE USE AND BLANK.



GENERAL NOTES COORDINATE POWER AND DATA DEVICE LOCATIONS, AND DEVICE PLATE COLOR WITH ARCHITECT. NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN A SPACE EXTENDING FROM FLOOR TO A HEIGHT OF 6' ABOVE THE EQUIPMENT. CEC 110.26(E)1. ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE NEMA 3R.

ENLARGED POWER PLAN

103

1P3-19⊖

山 1P2-15,17,19

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SCALE: 1/4" = 1'-0"





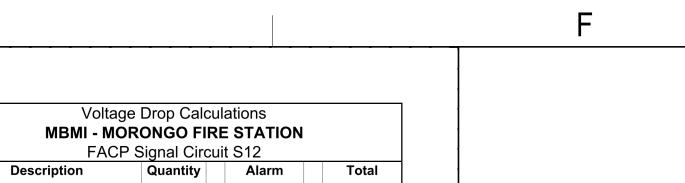
CONSTRUCTION NOTES

- PROVIDE AND INSTALL 30A 3P H.D. FUSED DISCONNECT. FUSING PER DOOR OPENER EQUIPMENT MANUFACTURERS REQUIREMENTS. VERIFY EXACT POWER REQUIREMENTS AND CONTROLS WITH DOOR INSTALLER
- PROVIDE MINIMUM 3'-0" LEVEL CLEARANCE IN FRONT OF ELECTRICAL
- EQUIPMENT, PER NEC 110.26. 4 LAUNDRY WASHER/DRYER ELECTRICAL REQUIREMENTS ARE BASIS OF
- DESIGN ONLY AND NEEDS TO BE COORDINATED WITH THE SELECTED LAUNDRY WASHER/DRYER MANUFACTURER PRIOR TO BID AND INSTALLATION. PROVIDE POWER FOR LAUNDRY DRYER, CONTRACTOR TO CONFIRM ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR
- AIR COMPRESSOR ELECTRICAL REQUIREMENTS ARE BASIS OF DESIGN ONLY AND NEEDS TO BE COORDINATED WITH THE SELECTED AIR COMPRESSOR MANUFACTURER PRIOR TO BID AND INSTALLATION. PROVIDE AND INSTALL 60A 3P H.D. FUSED DISCONNECT. FUSING PER AIR COMPRESSOR EQUIPMENT MANUFACTURERS REQUIREMENTS. VERIFY EXACT POWER REQUIREMENTS WITH AIR COMPRESSOR INSTALLER PRIOR
- DESIGN ONLY AND NEEDS TO BE COORDINATED WITH THE SELECTED AIR INSTALLATION. PROVIDE AIR COMPRESSOR AIR DRYER. VERIFY EXACT POWER REQUIREMENTS WITH AIR COMPRESSOR INSTALLER PRIOR TO
- PROVIDE AND INSTALL 30A 3P H.D. FUSED DISCONNECT FOR OS-3 AUTOMATIC SYSTEM CONTROL. FUSING PER PLYMOVENT AIR EXHAUST SYSTEM REQUIREMENTS. VERIFY EXACT POWER REQUIREMENTS WITH INSTALLER PRIOR TO ROUGH-IN.
- PROVIDE AND INSTALL 30A 3P H.D. FUSED DISCONNECT FOR EXHAUST FAN. FUSING PER PLYMOVENT AIR EXHAUST SYSTEM REQUIREMENTS. VERIFY EXACT POWER REQUIREMENTS WITH INSTALLER PRIOR TO
- PROVIDE POWER FOR PLYMOVENT OS-3 AUTOMATIC SYSTEM CONTROL TRANSFORMER, CONTRACTOR TO CONFIRM ELECTRICAL REQUIREMENTS WITH MANUFACTURER AND LOCATION WITH OWNER PRIOR TO ROUGH-IN .
- PROVIDE (3)#10, (1)#10GND. IN 1/2" CONDUIT TO PLYMOVENT OS-3
- PROVIDE A MINIMUM OF (1) 20A DUPLEX GFCI RECEPTACLE IN ELEVATOR
- 17.1-2013/CSA B44-13 2.2.5 & CEC 620.24. LIGHT FIXTURE TO BE EXTERNALLY GUARDED. MINIMUM ILLUMINATION OF NOT LESS THAN 10FC AT PIT FLOOR AND PLATFORM. 4) ELEVATOR ELECTRICAL REQUIREMENTS ARE BASIS OF DESIGN ONLY AND
- MANUFACTURER PRIOR TO BID AND INSTALLATION. PROVIDE AND INSTALL 200A. 3P H.D. NEMA 1 RATED FUSED DISCONNECT SWITCH WITH AUXILIARY 9.25.2023 CONTACTS PER ELEVATOR EQUIPMENT MANUFACTURER AS NECESSARY | REVISIONS MANUFACTURERS REQUIREMENTS. VERIFY REQUIREMENTS AND DISCONNECT FRAME SIZE PRIOR TO ORDERING.
- WASHER/EXTRACTOR MANUFACTURER PRIOR TO BID AND INSTALLATION.
- ONLY AND NEEDS TO BE COORDINATED WITH THE SELECTED TUMBLER DRYER MANUFACTURER PRIOR TO BID AND INSTALLATION.
- 18) 120V POWER TO IRRIGATION CONTROLLER. VERIFY LOCATION WITH
- LANDSCAPE DESIGNER PRIOR TO ROUGH-IN. 19) PROVIDE 120V POWER TO RETRACTABLE POWER CORD REEL. VERIFY
- SERVICING TANKLESS WATER HEATER.

POWER & SIGNAL

23-121

PLAN



FACP	Signal Cir	cui	1511			FACP S	lighai Cir	cuii	512		
Description	Quantity		Alarm		Total	Description	Quantity		Alarm		Tot
			(Amps)		Alarm				(Amps)		Alar
					(Amps)						(Am _l
xterior Horn	0	х	0.069000		0.000000	HR Exterior Horn	0	х	0.069000		0.000
CW 15cd Strobe	4	х	0.066000		0.264000	SR/SCW 15cd Strobe	2	х	0.066000		0.132
CW 30cd Strobe	1	х	0.094000		0.094000	SR/SCW 30cd Strobe	0	х	0.094000		0.000
CW 75cd Strobe	0	х	0.158000		0.000000	SR/SCW 75cd Strobe	0	х	0.158000		0.000
CW 110cd Strobe	0	х	0.202000		0.000000	SR/SCW 110cd Strobe	0	х	0.202000		0.000
PC2W 15cd H/S	2	х	0.079000		0.158000	P2R/PC2W 15cd H/S	1	х	0.079000		0.079
PC2W 30cd H/S	1	х	0.107000		0.107000	P2R/PC2W 30cd H/S	0	х	0.107000		0.000
PC2W 75cd H/S	2	х	0.176000		0.352000	P2R/PC2W 75cd H/S	4	х	0.176000		0.704
PC2W 110cd H/S	0	х	0.212000		0.000000	P2R/PC2W 110cd H/S	0	х	0.212000		0.000
Current Draw:				=	0.975000	Total Current Draw:				=	0.915
Size 14	0	х	4110	=	0	Wire Size 14	0	х	4110	=	0
Size 12	1	х	6530	=	6530	Wire Size 12	1	х	6530	=	653
Used Circular Mills				=	6530	Wire Used Circular Mills				=	653
nce to End of Circuit:				=	282	Distance to End of Circuit:				=	27
olier				=	21.6	Multiplier				=	21.

MBMI - MO FACE	RONGO FI Signal Cire					MBMI - MOF	RONGO FI Signal Cir				
scription	Quantity		Alarm (Amps)		Total Alarm	Description	Quantity		Alarm (Amps)		Total Alarm
					(Amps)						(Amps)
Horn	0	х	0.069000		0.000000	HR Exterior Horn	0	х	0.069000		0.000000
cd Strobe	4	х	0.066000		0.264000	SR/SCW 15cd Strobe	2	х	0.066000		0.132000
cd Strobe	1	х	0.094000		0.094000	SR/SCW 30cd Strobe	0	х	0.094000		0.000000
cd Strobe	0	х	0.158000		0.000000	SR/SCW 75cd Strobe	0	х	0.158000		0.000000
Ocd Strobe	0	х	0.202000		0.000000	SR/SCW 110cd Strobe	0	х	0.202000		0.000000
15cd H/S	2	x	0.079000		0.158000	P2R/PC2W 15cd H/S	1	x	0.079000		0.079000
30cd H/S	1	х	0.107000		0.107000	P2R/PC2W 30cd H/S	0	х	0.107000		0.000000
75cd H/S	2	х	0.176000		0.352000	P2R/PC2W 75cd H/S	4	х	0.176000		0.704000
110cd H/S	0	x	0.212000		0.000000	P2R/PC2W 110cd H/S	0	х	0.212000		0.000000
t Draw:				=	0.975000	Total Current Draw:				=	0.915000
	0	х	4110	=	0	Wire Size 14	0	х	4110	=	0
	1	x	6530	=	6530	Wire Size 12	1	х	6530	=	6530
ircular Mills				=	6530	Wire Used Circular Mills				=	6530
End of Circuit:				=	282	Distance to End of Circuit:				=	275
				=	21.6	Multiplier				=	21.6
				=	24	Voltage				=	24
				=	4.166	Multiplier				=	4.166
Voltage Drop				=	3.789	Percentage Voltage Drop				=	3.467

•	e Drop Cal				
MBMI - MO					
	1 Signal Ci	rcu			_
Description	Quantity		Alarm		
			(Amps)		
HR Exterior Horn	0	X	0.069000		-
SR/SCW 15cd Strobe	2	Х	0.066000		
SR/SCW 30cd Strobe	0	Х	0.094000		
SR/SCW 75cd Strobe	0	Х	0.158000		
SR/SCW 110cd Strobe	0	Х	0.202000		
P2R/PC2W 15cd H/S	0	х	0.079000		
P2R/PC2W 30cd H/S	0	х	0.107000		Ī
P2R/PC2W 75cd H/S	0	х	0.176000		Ī
P2R/PC2W 110cd H/S	2	х	0.212000		1
Total Current Draw:				=	Ī
Wire Size 14	0	х	4110	=	
Wire Size 12	1	х	6530	=	
Wire Used Circular Mills				=	Ī
Distance to End of Circuit:				=	Ī
Multiplier				=	İ
Voltage				=	
Multiplier				=	I
Percentage Voltage Drop				=	

Percentage Voltage Drop

Voltage Drop Calculations

Battery Calculations

MBMI - MORONGO FIRE STATION

FAPS-1

1 x 0.075000

0 x 0.000000

8 x 0.000000

0 x 0.000000

0 x 0.000000

4 x 0.000000

0 x 0.000000

0 x 0.000000

2 x 0.000000

24 x 0.075000 = 1.800000

0.083 | x | 1.443000 | = | 0.119769

Alarm

1.443000

0.075000 0.175000 0.175000

0.000000 0.079000 0.316000

0.000000 0.107000 0.000000

0.000000 0.176000 0.000000

0.000000 0.212000 0.424000

0.094000 0.000000

0.000000

0.075000

Amp Hours

= 1.919769

= 7.000000

= 5.080231

	ge Drop Cal DRONGO F I			l	
FAPS	-1 Signal Ci	rcu	it S21		
Description	Quantity		Alarm		Tot
			(Amps)		Alar
					(Amı
HR Exterior Horn	0	х	0.069000		0.000
SR/SCW 15cd Strobe	6	х	0.066000		0.396
SR/SCW 30cd Strobe	0	х	0.094000		0.000
SR/SCW 75cd Strobe	0	х	0.158000		0.000
SR/SCW 110cd Strobe	0	х	0.202000		0.000
P2R/PC2W 15cd H/S	4	х	0.079000		0.316
P2R/PC2W 30cd H/S	0	х	0.107000		0.000
P2R/PC2W 75cd H/S	0	х	0.176000		0.000
P2R/PC2W 110cd H/S	0	х	0.212000		0.000
Total Current Draw:				=	0.712
Wire Size 14	0	х	4110	=	0
Wire Size 12	1	х	6530	=	653
Wire Used Circular Mills				=	653
Distance to End of Circuit:				=	19
Multiplier				=	21.
Voltage				=	24
Multiplier				=	4.16
Percentage Voltage Drop				=	1.91



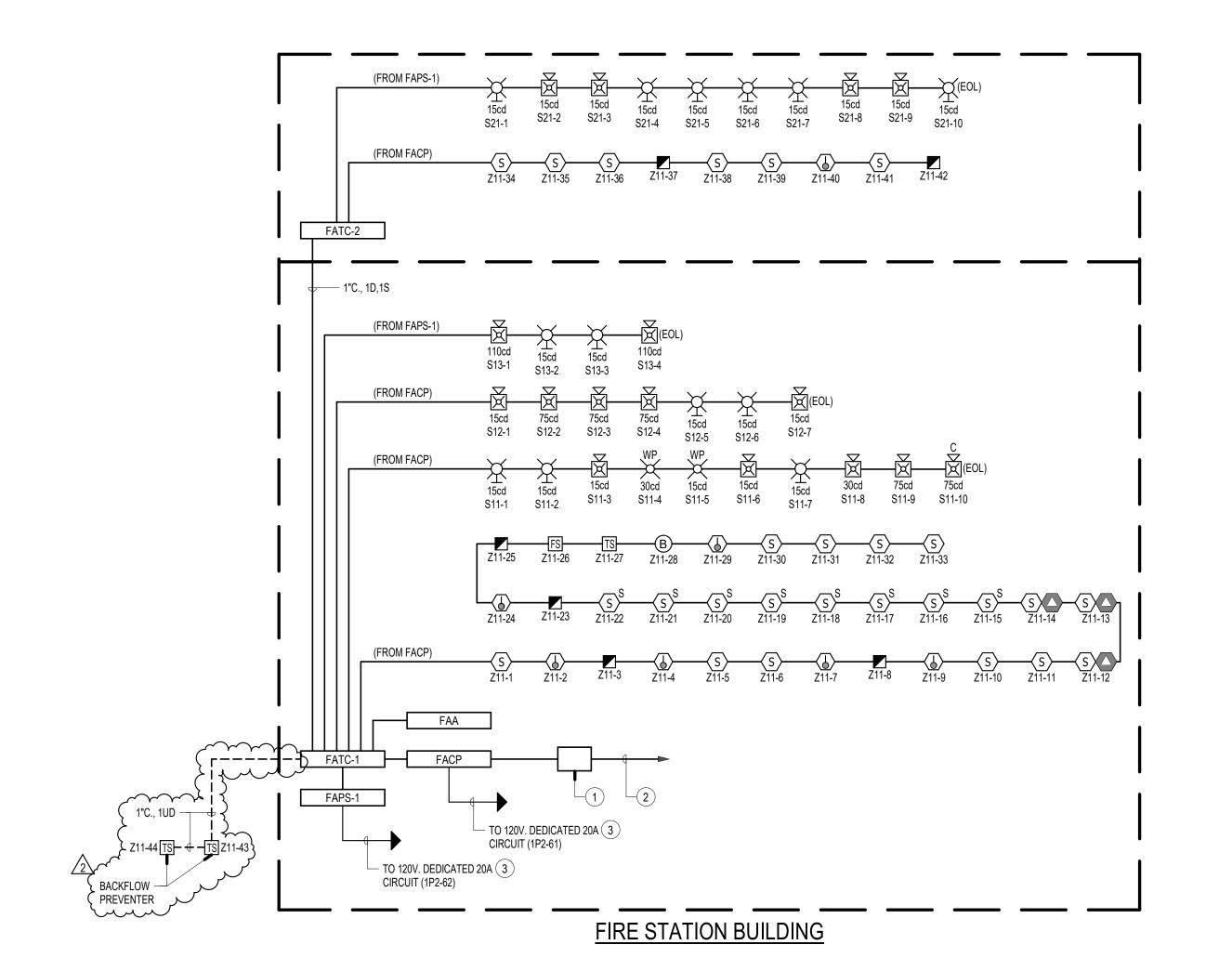


CONSTRUCTION NOTES

1 UDACT DIALER FOR REMOTE MONITORING.

2 3/4"C. WITH (2)CAT 6A CABLES TO TELEPHONE BACKBOARD FOR REMOTE

CIRCUIT BREAKER SHALL BE "LOCKED-ON" WITH APPROVED LOCKING DEVICE, MARKED RED AND LABELED AS "FIRE ALARM CONTROL CIRCUIT".



FCI E3 SERIES Battery Calculations

MBMI - MORONGO FIRE STATION

FACP Data Loops Z11 Signal Circuits S11,S12

Quantity Standby

1 x 0.081000

0 x 0.118000

0 x 0.013000

1 x 0.018000

1 x 0.050000

1 x 0.024000

23 x 0.000300

7 x 0.000300

0 x 0.000300

3 x 0.000300

3 x 0.000300

3 x 0.000500

2 B2005-LF(AHX POWER) 8 x 0.000500 0.004000 0.020000 0.160000

0 x 0.000000

6 x 0.000000

1 x 0.000000 0 x 0.000000

0 x 0.000000

3 x 0.000000

6 x 0.000000

0 x 0.000000

24 x 0.192975 = 4.631400

0.083 | x | 2.663000 | = | 0.221029

Time Multiplier

1 x 0.000000

ILI-MB-E3

RPT-E3-FO

DACT-E3

LCD-E3

ASD-PL2F

ATD-RL2F

ATD-HL2F

MCS-COF

AMM-4F

B200S (AUX POWER)

HR Exterior Horn

SR/SCW 15cd Strobe

SR/SCW 30cd Strobe

SR/SCW 75cd Strobe

SR/SCW 110cd Strobe

P2R/PC2W 15cd H/S

P2R/PC2W 30cd H/S

P2R/PC2W 75cd H/S

P2R/PC2W 110cd H/S

Battery Calculation

Supervisory Hours

Alarm Minutes

Total Amp Hours

Battery Used (AH)

Battery Spare (AH)

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ILI-S-E3

Total Alarm

0.081000 0.150000 0.150000

0.000000 0.119000 0.000000

0.000000 | 0.013000 | 0.000000

0.018000 | 0.018000 | 0.018000

0.050000 0.050000 0.050000

0.024000 0.028000 0.028000

0.006900 | 0.006500 | 0.149500

0.002100 0.006500 0.045500

0.000000 0.006500 0.000000

0.000900 0.007200 0.021600

0.000900 | 0.000300 | 0.000900

0.001500 0.035000 0.105000

0.000000 0.069000 0.000000

0.000000 0.066000 0.396000

0.000000 0.202000 0.000000

0.000000 0.079000 0.237000

0.000000 0.176000 1.056000

0.000000 0.212000 0.000000

2.663000

4 x 0.000375 0.001500 0.005000 0.020000

6 x 0.000300 0.001800 0.003000 0.018000

0.192975

Amp Hours

= 4.852429

= 24.000000

= 19.147571

Power Supply

HR Exterior Horn

SR/SCW 15cd Strobe

SR/SCW 30cd Strobe

SR/SCW 75cd Strobe

SR/SCW 110cd Strobe

P2R/PC2W 15cd H/S

P2R/PC2W 30cd H/S

P2R/PC2W 75cd H/S

P2R/PC2W 110cd H/S

Battery Calculation

Alarm Hours

Total Amp Hours

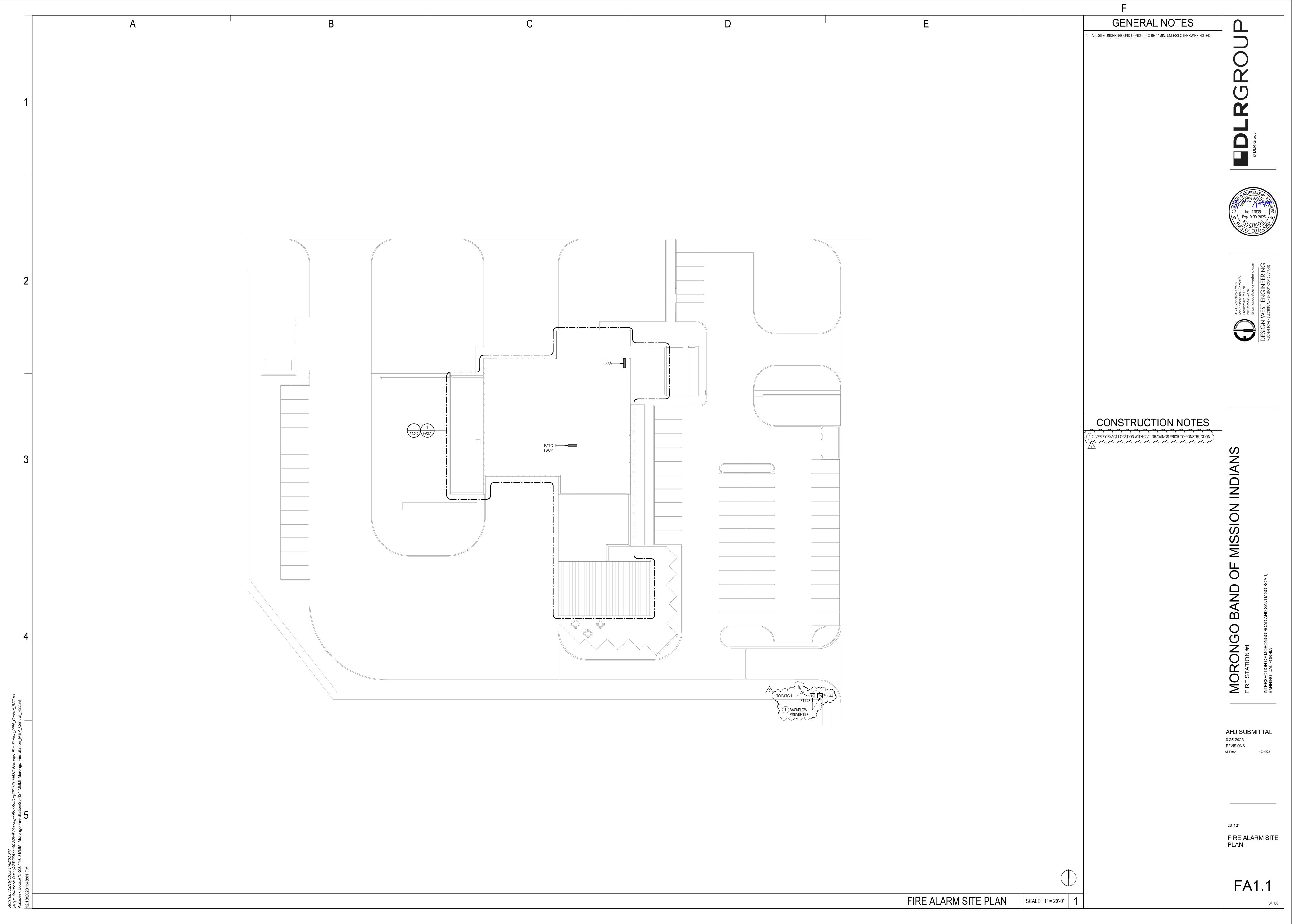
Battery Used (AH)

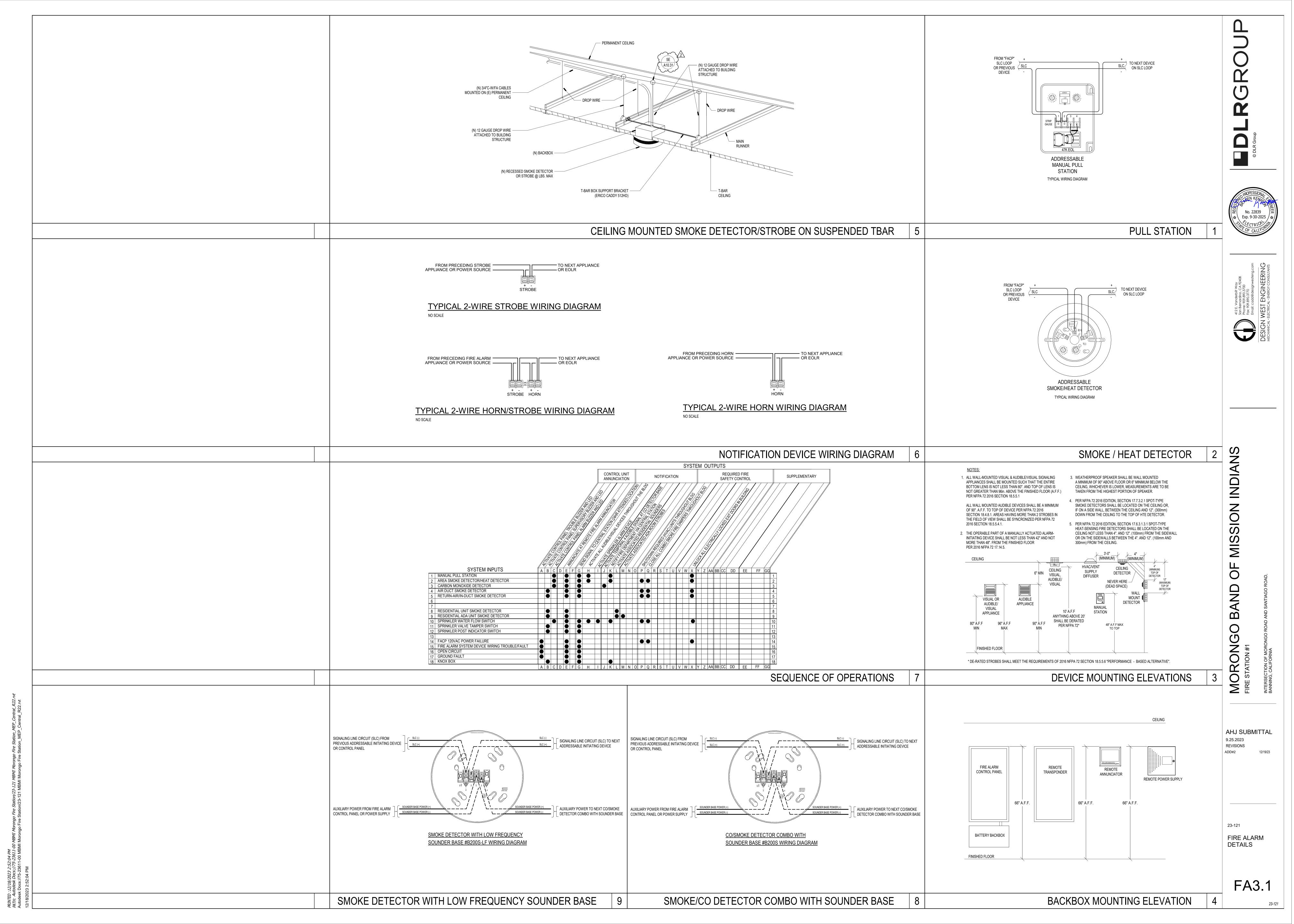
Battery Spare (AH)

AHJ SUBMITTAL 9.25.2023 REVISIONS

23-121 FIRE ALARM RISER DIAGRAM & BATTERY CALCULATIONS

FA0.2





	1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST CODE OF FEDERAL REGULATIONS (CFR), NATIONAL ELECTRICAL CODE EDITION AND ALL APPLICABLE LOCAL CODES AND REGULATIONS.	A AMPERE MV	MEDIUM VOLTAGE	SYMBOL	DESCRIPTION	
	2. ALL WORK IS NEW UNLESS NOTED OTHERWISE.	AF AMPERE FRAME RATING NC	NORMALLY CLOSED		DATA OUTLET BOX 4S, MOUNTED +15" A.F.F. TO BOTTOM OF DEVICE U.O.N. STUB 1"C 6" ABOVE	
	3. ALL PANELS, SWITCHES, ETC. SHALL HAVE SUFFICIENT GUTTER SPACE AND LUGS IN COMPLIANCE TO UL REQUIREMENTS	AFF ABOVE FINISHED FLOOR NEC	NATIONAL ELECTRICAL CODE	∇#	CEILING SPACE, PROVIDE BUSHING AND PULL WIRE. IF INSTALLED IN AREA WITH EXPOSED STRUCTURE ABOVE OR HARD LID CEILING, PROVIDE 1"C. BACK TO LOCATION OF NEAREST IDF/MDF."	
	TO ACCOMMODATE CONDUCTORS SHOWN.	AIC AMPERE INTERRUPTING CAPACITY NEMA AFG ABOVE FINISHED GRADE	A NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION		INDICATES QUANTITY OF CAT6A CABLES WITH NECESSARY CONNECTORS.	
	4. WHERE WIRE SIZES ARE INDICATED ON PLANS, FOR INDIVIDUAL CIRCUITS, THE WIRE SIZE INDICATED SHALL APPLY TO THE COMPLETE CIRCUIT, UNLESS OTHERWISE NOTED.	AT AMPERE TRIP RATING NEW		lacksquare	TELEPHONE OUTLET BOX 4S, MOUNTED +15" A.F.F. TO BOTTOM OF DEVICE U.O.N. STUB 1"C 6" ABOVE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE. IF INSTALLED IN AREA WITH EXPOSED	
	5. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF MECHANICAL. PLUMBING AND OTHER EQUIPMENT REQUIRING	AWG AMERICAN WIRE GAUGE	INSTALLED BY CONTRACTOR		STRUCTURE ABOVE OR HARD LID CEILING, PROVIDE 1"C BACK TO LOCATION OF NEAREST COMMUNICATIONS CABINET OR TELEPHONE BACKBOARD. "W" INDICATES +42" A.F.F. UNLESS	
	ELECTRICAL CONNECTION PRIOR TO ANY WORK.	BKBD BACKBOARD NF BLDG BUILDING NIC	NON-FUSED NOT IN CONTRACT		OTHERWISE NOTED.	
	6. CONTRACTOR SHALL EXTEND WIRING FROM ALL JUNCTION BOXES, SWITCHES, ETC. AND MAKE FINAL CONNECTION AS REQUIRED TO ALL BUILDING EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS.	BKR BREAKER N/L	NIGHT LIGHT	•	COMBINATION TELEPHONE & DATA OUTLET BOX 4S, MOUNTED +15" A.F.F. TO BOTTOM OF DEVICE U.O.N. STUB 1" C. 6" ABOVE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE. IF INSTALLED IN	
	7. LOCATION OF LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS. AT OR NEAR DOORS, INSTALL SWITCHES ON SIDE	C CONDUIT NO CB CIRCUIT BREAKER NTS	NUMBER, NORMALLY OPEN NOT TO SCALE		AREA WITH EXPOSED STRUCTURE ABOVE OR HARD LID CEILING, PROVIDE 1" C. BACK TO LOCATION OF NEAREST IDF/MDF, COMMUNICATIONS CABINET, OR TELEPHONE BACKBOARD.	
	OPPOSITE TO DOOR HINGE. VERIFY FINAL HINGE LOCATION IN FIELD PRIOR TO ANY WORK.	CKT CIRCUIT OC	ON CENTER	y	COMBINATION TELEPHONE & DATA OUTLET BOX 4S. MOUNTED HEIGHT HORIZONTALLY ABOVE	
	8. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OR OTHER TRADES RELATING TO WORK TO VERIFY SPACE IN	CFSD COMBINATION FIRE SMOKE DAMPER OD	OUTSIDE DIAMETER		COUNTER TOP PER ARCHITECTURAL PLANS OR APPROVAL STUB 1"C 6" ABOVE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE. IF INSTALLED IN AREA WITH EXPOSED STRUCTURE ABOVE OR	<u> </u>
	WHICH WORK WILL BE INSTALLED. MAINTAIN HEADROOM AND MINIMUM CODE REQUIRED WORKING CLEARANCES AT ALL TIMES.	CO CONDUIT ONLY P CONC CONCRETE PB	POLE PULL BOX		HARD LID CEILING, PROVIDE 1"C BACK TO LOCATION OF NEAREST IDF/MDF, COMMUNICATIONS CABINET, OR TELEPHONE BACKBOARD.	Grou
	9. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL WALL OUTLET BOXES FOR SWITCHES, BELL/STROBES, FIRE	CT CURRENT TRANSFORMER PF	POWER FACTOR		FLUSH FLOOR MOUNTED COMBINATION TELEPHONE & DATA OUTLET BOX, U.O.N.	DLR
	ALARM PULL STATIONS. RECEPTACLES ETC. WITH CABINETS, FURNITURE, EQUIPMENT ETC., TO AVOID CONFLICT.	CU COPPER PNL	PANEL PROPERTIES		TELEVISION OUTLET BOX 4S, MOUNTED +60" A.F.F. TO BOTTOM OF DEVICE U.O.N. STUB 1" C. 6" ABOV	<u> </u>
	10. WHERE ELECTRIC MOTORS OR HEATERS ARE INSTALLED IN HUNG CEILINGS, PROVIDE DISCONNECT SWITCH IN HUNG CEILING WITHIN REACH FROM ACCESS POINT.	© CENTERLINE POC DISC DISCONNECT PP	POINT OF CONNECTION POWER POLE	TV _	CEILING SPACE, PROVIDE BUSHING AND PULL WIRE. PROVIDE COAX CABLING BACK TO DATA ROOM FOR TV CONNECTION. IF INSTALLED IN AREA WITH EXPOSED STRUCTURE ABOVE OR HARD LID	
	11. FURNISH APPROVED EXPANSION FITTINGS WHERE RACEWAY CROSSES BUILDING EXPANSION JOINTS.	DSBN DISTRIBUTION SECTION PWR	POWER		CEILING, PROVIDE 1" C. BACK TO LOCATION OF CABLE TELEVISION TERMINAL OR COMMUNICATIONS CABINET.	
	12. FURNISH PULL STRING IN EACH RACEWAY RUN OVER 10' IN LENGTH, IN WHICH PERMANENT WIRING IS NOT INSTALLED.	DN DOWN PVC	POLYVINYL CHLORIDE D QUADRUPLEX		CEILING MOUNTED WIRELESS ACCESS POINT. VERIFY EXACT ZONING INFORMATION WITH ARCHITEC	PROFESSIONA
		DWG DRAWING EA EACH QTY	QUANTITY		PRIOR TO INSTALLATION. PROVIDE (2) CAT6A CABLES AND TERMINATE IN NEAREST IDF CLOSET.	DEN KEMAN C
	13. NOT MORE THAN THREE LIGHTING OR CONVENIENCE OUTLET CIRCUITS ARE PERMITTED IN ONE CONDUIT, PROVIDE SEPARATE CONDUIT FOR EACH HOMERUN INDICATED ON THE DRAWING, UNLESS INDICATED OTHERWISE.	EC ELECTRICAL CONTRACTOR			CEILING MOUNT AV SPEAKER. CONNECT TO DIGITAL AV POLE VAULT SWITCHER.	Kengalan Kangalan
	14. PROVIDE PULL BOXES WHEREVER NECESSARY TO FACILITATE PULLING OF CONDUCTORS. COORDINATE LOCATIONS OF BOXES WITH OTHER TRADES TO AVOID CONFLICT. PULL BOXES SHALL BE ACCESSIBLE. THE SIZE OF PULL BOX SHALL	EM EMERGENCY REQU		S _{AV}	Manual Mostri All Commission of Commission o	□ No. 22839 □
	COMPLY WITH N.E.C. REQUIREMENTS.	EXIST, (E) EXISTING EXO EXTERNAL OPERABLE DISCONNECT RGS	RIGID GALVANIZED STEEL		OFCI WALL/CEILING MOUNT DOME POE SURVEILLANCE CAMERA. STUB 1" C. 6" ABOVE CEILING SPACE PROVIDE BUSHING AND PULL WIRE. IF INSTALLED IN AREA WITH EXPOSED STRUCTURE ABOVE OR	, VILLECTRICALITY
	15. OUTLET BOXES FOR FIXTURES RECESSED IN HUNG CEILING SHALL BE ACCESSIBLE THROUGH OPENING CREATED BY REMOVAL OF FIXTURES.	F FUSE RM	ROOM SHEET		HARD LID CEILING, PROVIDE 1" C. BACK TO LOCATION OF NEAREST IDF/MDF LOCATION. PROVIDE (2) CAT6A CABLES WITH NECESSARY CONNECTORS AND MOUNTING HARDWARE. COIL CABLES IN	OF CALIFORN
		FA FIRE ALARM SN	SOLID NEUTRAL		ACCESSIBLE INTERIOR CEILING SPACE. OWNER TO CORE THROUGH EXTERIOR WALL AND INSTALL CAMERA.	
	16. SEE MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATION FOR ADDITIONAL CONNECTION REQUIREMENTS TO CONTROL PANELS, CONTROL TRANSFORMERS, POWER FOR CONTROL SYSTEM EP AND PE SWITCHES, TIME CLOCKS,	FACP FIRE ALARM CONTROL PANEL FF FINISHED FLOOR SPEC	SPECIFICATIONS	[CR]	PROXIMITY CARD READER, MOUNTED +48" A.F.F. TO BOTTOM OF DEVICE U.O.N. STUB 1" C. 6" ABOVE	
	VALVES, STATS, RELAYS, DUCT SMOKE DETECTOR LOCATIONS, ETC. INDICATED ON CONTROL WIRING DIAGRAMS. ELECTRICAL CONTRACTOR SHALL VERIFY FINAL CONTROL WIRING REQUIREMENTS WITH MECHANICAL AND PLUMBING	FG FINISHED GRADE SPDT	SINGLE POLE, DOUBLE THROW SINGLE POLE, SINGLE THROW	<u> </u>	CEILING SPACE, PROVIDE BUSHING AND PULL WIRE. IF INSTALLED IN AREA WITH EXPOSED STRUCTURE ABOVE OR HARD LID CEILING, PROVIDE 1" C. BACK TO LOCATION OF ACCESS	ξ () ¹²
	CONTRACTORS PRIOR TO ANY WORK AND PROVIDE ALL NECESSARY DEVICES AND CONNECTIONS AS REQUIRED.	FLA FULL LOAD CURRENT FLUOR FLUORESCENT SW	SWITCH		CONTROLLER. PROVIDE CABLING AS REQUIRED BY MANUFACTURER.	
	17. ALL EXTERIOR ELECTRICAL DEVICES AND EQUIPMENT INCLUDING THOSE THAT ARE EXPOSED TO OUTSIDE ENVIRONMENT SHALL BE WEATHERPROOF TYPE, NEMA 3R.	GEN GENERATOR SWBI	D SWITCHBOARD	K	ACCESS CONTROL KEYPAD, MOUNTED +48" A.F.F. TO BOTTOM OF DEVICE U.O.N. STUB 1" C. 6" ABOVE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE. IF INSTALLED IN AREA WITH EXPOSED	/ay 1,92406 0 0 CONS CONS
	18. NO CONDUIT RUNS SHALL BE ALLOWED IN CONCRETE SLABS. ALL CONDUITS WILL BE PLACED ABOVE ACCESSIBLE CEILING	GFCI GROUND FAULT CIRCUIT INTERRUPTER GED GROUND FAULT PROTECTION TEL	TIME CLOCK TELEPHONE		STRUCTURE ABOVE OR HARD LID CEILING, PROVIDE 1" C. BACK TO LOCATION OF ACCESS CONTROLLER/INTERCOM SYSTEM. PROVIDE CABLING AS REQUIRED BY MANUFACTURER.	### ##################################
	SPACES UNLESS SPECIFICALLY INDICATED TO BE UNDERGROUND. 19. LIGHTING POWER TELEPHONE AND COMMUNICATIONS OUTLETS SHALL NOT BE DIACED BACK TO BACK.	GFP GROUND FAULT PROTECTION TERM GND GROUND	M TERMINAL	VC	VOLUME CONTROL OUTLET BOX 4S. STUB 1'C ABOVE CEILING SPACE, PROVIDE BUSHING AND PULL	Vande smardi :: 909.8 39.890. cadd@
	19. LIGHTING, POWER, TELEPHONE AND COMMUNICATIONS OUTLETS SHALL NOT BE PLACED BACK-TO-BACK. 20. WHERE MORE THAN ONE LIGHT SWITCH OCCURS AT SAME LOCATION, SWITCHES SHALL BE MOUNTED IN A MULTIPLE CANCE.	HOA HAND-OFF-AUTOMATIC	TEMPORARY POLE	المحا	WIRE. PROVIDE 1"C. BACK TO LOCATION OF COMMUNICATIONS CABINET.	412 E. V. San Berr Phone: 909 Email: c
	20. WHERE MORE THAN ONE LIGHT SWITCH OCCURS AT SAME LOCATION, SWITCHES SHALL BE MOUNTED IN A MULTIPLE GANG BOX UNDER A SINGLE COVER PLATE. PLATES WITH MORE THAN (3) LIGHT SWITCHES SHALL BE LABELED TO INDICATE THE	HP HORSE POWER HV HIGH VOLTAGE TYP UGPS	TYPICAL S UNDERGROUND PULL SECTION	<u>Kr</u>	RADIO FREQUENCY TRANSMITTER. MANUFACTURER: TEACH LOGIC, INFRARED DOME SENSOR. PROVIDE ALL ASSOCIATED WIRING AS NEEDED FOR EQUIPMENT INSTALLATION.	
	LIGHT FIXTURES CONTROLLED. 24 DISCONNECT SWITCHES SHALL BE MOLINITED ON INDIVIDUAL SLIPPOPTS OF OTHERWISE DIRECTLY ON EQUIPMENT.	IDF INTERMEDIATE DISTRIBUTION FRAME	UNDERWRITERS LABORATORY			
	21. DISCONNECT SWITCHES SHALL BE MOUNTED ON INDIVIDUAL SUPPORTS, OR OTHERWISE DIRECTLY ON EQUIPMENT, PROVIDED NO MODIFICATION TO EQUIPMENT IS NECESSARY.	IG ISOLATED/INSULATED GROUND UPS	UNINTERRUPTIBLE POWER SUPPLY UNLESS OTHERWISE NOTED	I	STANDARD 19" 2-POST RACK, 45U WITH NECESSARY VERTICAL AND HORIZONTAL WIRE MANAGERS.	DES MECH
	22. ALL ELECTRICAL POWER, LIGHTING, TELEPHONE OR SIGNAL WIRING IN FIRE RATED WALL IS TO BE INSTALLED IN A	INCAND INCANDESCENT ISC SHORT CIRCUIT CURRENT AVAILABLE V	VOLT, VOLTAGE		OTAMBAND TO 2-1 OUT TAOK, 400 WITH NECESSART VERTICAL AND MURIZUNTAL WIKE MANAGERS.	
	METALLIC CONDUIT SYSTEM.	IN RMS SYMMETRICAL AMPERES VA	VOLT-AMPERE	SW	DIGITAL AUDIO/VIDEO POLE VAULT SWITCHER MOUNTED IN CEILING. CONTRACTOR TO PROVIDE ALL NECESSARY HARDWARE PER MANUFACTURER RECOMMENDATIONS. PROVIDE (2) CAT6	
	23. ALL ELECTRIC MATERIAL SHALL BE LISTED BY "UL" FOR THE TYPE OF APPLICATION AND "UL" LABEL SHALL APPEAR ON ALL ELECTRICAL EQUIPMENT.	J-BOX JUNCTION BOX VFC KCMIL THOUSAND CIRCULAR MILS	VARIABLE FREQUENCY CONTROLLER VARIABLE FREQUENCY DRIVE		CABLES.	`
	24. CONTACT UTILITY COMPANIES FOR SCOPE OF WORK PRIOR TO SUBMITTING BID; INCLUDE UTILITY CHARGES IF ANY.	KCMIL THOUSAND CIRCULAR MILS KW KILOWATT W	WATT	CTI T	CONTROLLER, MOUNTED +48" A.F.F. TO BOTTOM OF DEVICE U.O.N. STUB 1" C. 6" ABOVE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	
	25. ALL DISTRIBUTION AND CONTROL EQUIPMENT (SUCH AS CB's, SWITCHES, CONTACTORS, ETC.), TERMINATIONS SHALL BE	KV KILO VOLT WH	WATT-HOUR WEATHERPROOF	MS	MASTER COMMAND STATION FOR TWO WAY CONNECTION SYSTEM. PROVIDE 1" CONDUIT BACK TO	
	FULLY RATED PER UL AS FOLLOWS:	KVA KILO VOLT-AMPERE LDC LOCAL DISTRIBUTION CABINET WT	WEATHERTIGHT		NEAREST IDF ROOM FOR COMMUNICATION WIRING. SPACE AGE ELECTRONICS SHIELD 30.	
	a. 125A OR LESS : 60°C OR MORE; b. MORE THAN 125A : 75°C OR MORE.	LDF LOCAL DISTRIBUTION FRAME WW	WIREWAY		REMOTE STATION FOR TWO WAY CONNECTION SYSTEM. PROVIDE 1" CONDUIT BACK TO NEAREST ID ROOM FOR COMMUNICATION WIRING. SPACE AGE ELECTRONICS SHIELD 30.	·
	26. ANY ERRORS, OMISSIONS, OR DESIGN DISCREPANCIES ON PLANS OR SPECIFICATIONS SHALL BE BROUGHT TO THE	LCL LONG CONTINUOUS LOAD XP	EXPLOSION PROOF IMPEDANCE	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	$\cdots \cdots $	
	ATTENTION OF THE ELECTRICAL ENGINEER FOR CLARIFICATION OR CORRECTION PRIOR TO CONSTRUCTION AND PREPARATION OF SUBMITTAL PACKAGES.	LTG LIGHTING LV LOW VOLTAGE 4W	FOUR-WIRE	<u> </u>	RECESSED WALL MOUNTED, JUNCTION BOX, WITH COVER, PER NATIONAL ELECTRICAL CODE (NEC) TABLE 370-b(a), 4" SQUARE DEEP, WITH PLASTER RING	
	27. CONDUCTORS SHALL HAVE UNDERWRITER'S LABORATORIES, INC.(UL) LISTED, 600 VOLT INSULATION OF TYPE SPECIFIED BELOW OR ELSEWHERE IN THE SPECIFICATIONS. CONDUCTORS SHALL BE COPPER AND LISTED FOR 90 DEGREE	MFR MANUFACTURER 3W	THREE-WIRE JUNCTION BOX			- }
	APPLICATIONS.	MAX MAXIMUM MCC MOTOR CONTROL CENTER	(4 11/16" SQUARED X2 1/8" DEEP)	[C	ALL ALERT LEGEND AND SYMBOLS	
	1. BRANCH CIRCUITS - LIGHTING AND POWER.	MIN MINIMUM Ø	DIAMETER, PHASE			ightharpoonup
	a. #10 AWG AND SMALLER, SOLID WIRE TYPE THW OR THHN/THWN-2, THHW(THHN FOR DRY LOCATION ONLY).	MH MANHOLE / METAL HALIDE # M/M METER AND MAIN SECTION *C	NUMBER DEGREE CELSIUS	RC	REMOTE CONTROL. PROVIDE WALL MOUNTED 4S BOX FOR SPEAKER. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER	
	b. #8 AWG TO #2 AWG, STRANDED TYPE THW OR THHN/THHW.	M/M METER AND MAIN SECTION			MANUEA CTUDED ODECIFICATIONS	
	c. #1 AWG AND LARGER, STRANDED TYPE XHHW-2.	MULTI MULTI-METER SECTION	>		MANUFACTURER SPECIFICATIONS.	\forall \leq
	c. #1 AWG AND LARGER, STRANDED TYPE XHHW-2. 2. FEEDERS: TYPE THW OR THHN/THWN-2, OR XHHW-2.	MULTI MULTI-METER SECTION		 S	TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER	
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al_R22.rvt	2. FEEDERS: TYPE THW OR THINNTHWN-2, OR XHHW-2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS, PLUG STRIPS, WIREMOLD. SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250. 29. WIRING METHOD SHALL BE EART ABOVE GROUND AND MOUNTED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCRETE OR SUSCEPTIBLE TO DAMAGE. 30. PROVIDE 110V OUTLET, CFL LIGHT & SWITCH FOR LIGHT @ FAU IN ATTIC, WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 404 Z(C). 32. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRALIGROUNDED CONDUCTORS AMONG SINGLE PHASE BRANCH CIRCUITS OF DIFFERENT PHASES INSTALLED IN THE SAME RACEWAY IS NOT FERMITTED. PROVIDE DEDICATED NEUTRALIGROUNDED CONDUCTOR FOR EACH INDIVIDUAL BRANCH CIRCUIT. 33. UNLESS OTHERWISE INDICATED, PROVIDE A SEPARATE SWITCHED AND UNSWITCHED PHASE CONDUCTOR TO ALL CONTROLLED RECEPTACLES REGARDLESS OF RECEPTACLE CONFIGURATION. 34. BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FIELD SHALL BLIMIT VOLTAGE DROP TO THESE PERCENTAGES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONCEALED IN WALL OR CEILING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 36. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUIT REQUIREMENTS. CONTRACTOR SHALL NOT ENTER SAME RACEWAY, BOXES OR CABINETS WITH OTHER WIRING EXCEPT WHERE PROVIDED IN NEC 700.9B. 37. ALL EMERGENCY CIRCUITS SHALL BE ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND CONDUITS AND FEEDERS. FOR CIRCUIT SAME RACEWAY, BOXES OR CABINETS WITH OTHER WIRING EXCEPT WHERE PROVIDED IN NEC 700.9B. 38. REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONDUIT REQUIREMENTS. CONTRACTOR SHALL PROVIDE ALL WIRING AND CONTROLITS FROM THE WORK WITH OTHER WIRING EXCENDENTS, SHALL BE INCURRED BY HAND CONTROLITS FROM THE WORK WITH OTHER WIRING EXCENDENTS, SHALL BE INCURRED BY HEN CONTRACTOR	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE RESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BUILDING CODE (CBC), PART 3, TITLE 24 C.C. 4. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C. 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C. 2022 CALIFORNIA REFERENCED STANDARDS CODE (CGBS) TECHNOLOGY SHEET	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	ORONGO BAND OF MISSION E STATION #1 SECTION OF MORONGO ROAD AND SANTIAGO ROAD, IING, CALIFORNIA
Central_R22.rvt	2. FEEDERS: TYPE THW OR THINTHWIN-2, OR XHHW-2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS, PLUG STRIPS, WIREMOLD: SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250. 29. WIRING METHOD SHALL BE EMT ABOVE GROUND AND MOUNTED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCRETE OR SUSCEPTIBLE TO DAMAGE. 30. PROVIDE 110V OUTLET, CFL LIGHT & SWITCH FOR LIGHT @ FAU IN ATTIC, WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 404-2(C). 32. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRAL/GROUNDED CONDUCTORS AMONG SINGLE PHASE BRANCH CIRCUITS OF DIFFERENT PHASES INSTALLED IN THE SAME RACEWAY IS NOT FERMITTED. PROVIDE DEDICATED NEUTRAL/GROUNDED CONDUCTOR FOR EACH INDIVIDUAL BRANCH CIRCUIT. 33. UNLESS OTHERWISE INDICATED, PROVIDE A SEPARATE SWITCHED AND UNSWITCHED PHASE CONDUCTOR TO ALL CONTROLLED RECEPTACLES REGARDLESS OF RECEPTACLE CONFIGURATION. 34. BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FIELD SHALL LIMIT VOLTAGE DROP TO THESE PERCENTAGES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONCEALED IN WALL OR CEILING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 36. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUIT REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS. FOR CIRCUIT SENDE THOSE SHORT SHOW, REFER TO PANEL SCHEDULES FOR CONDUCTOR AND CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 37. ALL EMERGENCY CIRCUITS SHALL BE ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND EQUIPMENT AND SHALL NOT ENTER SAME RACEWAY, BOXES OR CABINETS WITH OTHER WIRING EXCEPT WHERE PROVIDED IN NEC 700.9B. 38. REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONDUIT REQUIREMENTS. CONTRACTOR SHALL NOTE ENTIRE SAME RACEWAY, BOXES OR CABINETS WITH OTHER WIRING EXCEPT WHERE PROVIDED IN NEC 700.9B. 39. THE CONTRACTOR. ANY DISCREPANCIES, A	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEF RESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 1 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA ELECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 4. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (IFC WIT) 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. (1900) 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL FOR STANDARDS CODE (CBC) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CBC) TECHNOLOGY SHEET SH. NO. SHEET TITLE SH. NO. SHEET TITLE	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	ORONGO BAND OF MISSION E STATION #1 SECTION OF MORONGO ROAD AND SANTIAGO ROAD, IING, CALIFORNIA
WEP_Central_R22.rvt	2. FEEDERS: TYPE THW OR THINNTHWN-2, OR XHHW-2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS, PLUG STRIPS, WIREMOLD: SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250. 29. WIRING METHOD SHALL BE ENT ABOVE GROUND AND MOUNTED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. SERVICE AND SCHEDULE-40 PVC FOR 404 Z(C). 30. PROVIDE 110V OUTLET, CFL LIGHT & SWITCH FOR LIGHT @ FAU IN ATTIC, WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 404 Z(C). 32. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRAL/GROUNDED CONDUCTOR SAMONG SINGLE PHASE BRANCH CIRCUITS AND SINGLE PHASE SINSTALLED IN THE SAME RACEWAY IS NOT PERMITTED. PROVIDE DEDICATED NEUTRAL/GROUNDED CONDUCTOR FOR EACH INDIVIDUAL BRANCH CIRCUIT. 33. UNLESS OTHERWISE INDICATED, PROVIDE A SEPARATE SWITCHED AND UNSWITCHED PHASE CONDUCTOR TO ALL CONTROLLED RECEPTACLES REGARDLESS OF RECEPTACLE CONFIGURATION. 34. BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROP TO SEEP PRECENTAGES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONCEALED IN WALL OR CEILING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 36. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS. FOR CIRCUIT SIZES NOT SHOWN, REFER TO PANEL SCHEDULES FOR CONDUCTOR AND CONDUITS SEED IN THE FILE FOR THE AVAILABLE. 37. ALL EMERGENCY CIRCUITS SHALL BE ENTIFIELY INDEPENDENT OF ALL OTHER WIRING AND EQUIMENT AND SHALL NOT ENTER SAME RACEWAY, BOXES OR CABINETS WITH OTHER WIRING EXCEPT WHERE PROVIDED IN NEC 700.9B. 38. REFE	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE RESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BUILDING CODE (CBC), PART 3, TITLE 24 C.C. 4. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C. 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C. 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 2022 CALIFORNIA BENERGY CODE (PART 6, TITLE 24 C.C.R.) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS) TECHNOLOGY SHEET SH. NO. SHEET TITLE	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	HORONGO BAND OF MISSION FIRE STATION #1 INTERSECTION OF MORONGO ROAD AND SANTIAGO ROAD, BANNING, CALIFORNIA
ition_MEP_Central_R22.rvt	2. FEEDERS: TYPE THW OR THHN/THWN-2, OR XHHW-2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS, PLUG STRIPS, WIREMOLD. SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250. 29. WIRING METHOD SHALL BE EMT ABOVE GROUND AND MOUNTED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCERTE OR SUSCEPTIBLE TO DAMAGE. 30. PROVIDE 110V OUTLET, CFL LIGHT & SWITCH FOR LIGHT @ FAU IN ATTIC, WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 404 2(C). 32. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRAL/GROUNDED CONDUCTORS AMONG SINGLE PHASE BRANCH CIRCUITS OF DIFFERENT PHASES INSTALLED IN THE SAME RACEWAY IS NOT PERMITTED. PROVIDE DEDICATED NEUTRAL/GROUNDED CONDUCTOR FOR EACH INDIVIDUAL BRANCH CIRCUIT. 33. UNLESS OTHERWISE INDICATED, PROVIDE A SEPARATE SWITCHED AND UNSWITCHED PHASE CONDUCTOR TO ALL CONTROLLED RECEPTACLES REGARDLESS OF RECEPTACLE CONFIGURATION. 34. BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FIELD SHALL LIMIT VOLTAGE DROP TO THESE PERCENTAGES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONDEALED IN WALL OR CEILING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED IN WALL BLE. 36. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS. FOR CIRCUIT SIZES NOT SHOWN, REFER TO PANEL SOFLED FOR CONDUCTOR AND CONDUIT SIZES. 37. ALL EMPERCENCY CIRCUITS SHALL BE ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND CONDUIT SIZES. 38. REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONDUIT REQUIREMENTS. CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUITS REQUIRED FOR ALL BROWNED BY THE CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUITS REQUIRED FOR THE WIRING EXCEPT WHERE PROVIDED IN NEC 700.98. 39. THE CONTRACTOR SHALL COORDINATE THE WORK WITH OTHER WIRING EXCEPT WHERE PROVIDED IN NEC 700.98. 40. EXACT ROUTING METHOD AND LOCA	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFRESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 7 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA ELECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 4. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (IFC WITH COMPANY OF A COMPANY O	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	MORONGO BAND OF MISSION FIRE STATION #1 INTERSECTION OF MORONGO ROAD AND SANTIAGO ROAD, BANNING, CALIFORNIA
re Station_MEP_Central_R22.rvt	2. FEEDERS: TYPE THW OR THHINTHWIN-2. OR XHHW-2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS, PLUG STRIPS, WIREMOLD. SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250. 29. WIRING METHOD SHALL BE EMT ABOVE GROUND AND MOUNTED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND STALLATION. USE RIGID WHEN ENCASED IN CONCERTE OR SUSCEPTIBLE TO DAMAGE. 30. PROVIDE 110V OUTLET, CFL LIGHT & SWITCH FOR LIGHT @ FAU IN ATTIC, WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 404.2(C). 32. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRAL GROUNDED CONDUCTORS AMONG SINGLE PHASE BRANCH CIRCUIT. 33. UNLESS OTHERWISE INDICATED, ROUNDED A SEPARATE SWITCHED AND UNSWITCHED PROVIDE DEDICATED NEUTRAL GROUNDED CONDUCTOR FOR EACH INDIVIDUAL BRANCH CIRCUIT. 34. BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FIELD SHALL LIMIT VOLTAGE DROP TO THESE PERCENTAGES. 35. BRANCH CIRCUIT COMOUITS SHALL BE CONCEALED IN WALL OR CEILING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 36. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS. FOR CIRCUIT SIZES NOT SHOWN, REFERT TO PANEL SCHEDULES FOR CONDUCTOR AND CONDUITS SIZES. 37. ALL EMERGENCY CIRCUITS SHALL BE ENTIRELY INDEPENDENT OF ALL OTHER WIRINS AND EQUIPMENT AND SHALL NOT ENTER SAME RACEWAY, BOXES OR CABINETS WITH OTHER WIRING EXCEPT WHERE PROVIDED IN NEC 70.98. 38. REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONDUIT REQUIREMENTS. CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUITS REQUIRED BY MADE FERDERS FOR CHIRDLED BY THE CONTRACTOR AND CONDUITS REQUIRED BY MADURED BY THE CONTRACTOR AND CONDUITS REQUIRED BY THE CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUIT REQUIREMENTS. CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUITS REQUIREMENTS. CONTRACTOR SHALL PROVIDE CHIRD BY THE MORK AS SHOWN ON T	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFRESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BEECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 3. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C. R. (IFC WIT 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 9. 2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24 C.C.R.) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS) TECHNOLOGY SHEET TH. 11. TECHNOLOGY FRONT SHEET T1.1 TECHNOLOGY SECOND FLOOR PLAN T1.2 TECHNOLOGY SECOND FLOOR PLAN	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	MORONGO BAND OF MISSION FIRE STATION #1 INTERSECTION OF MORONGO ROAD AND SANTIAGO ROAD, BANNING, CALIFORNIA
go Fire Station_MEP_Central_R22.rvt	2. FEEDERS: TYPE THW OR THENTHWINZ, OR XHHW-2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS, PLUG STRIPS, WIREMOLD, SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 200. WIRING METHOD SHALL BE EMT ABOVE GROUND AND MOUNTED IN CONCEALED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGIO WHEN ENCASED IN CONCEATED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGIO WHEN ENCASED IN CONCEATED OF SUSCEPTIBLE TO DAMAGE. 30. PROVIDE 110V OUTLET, CPL LIGHT & SWITCH FOR LIGHT @ FAU IN ATTIC, WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 404 2(C). 32. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRAL/GROUNDED CONDUCTOR SAMONG SINGLE PHASE BRANCH CIRCUITS OF DIFFERENT PHASES INSTALLED IN THE SAME MACEWAY IS NOT PERMITTED. PROVIDE DEDICATED NEUTRAL/GROUNDED CONDUCTOR FOR EACH INDIVIDUAL BRANCH CIRCUIT. 33. UNLESS OTHERWISE INDICATED, PROVIDED A SEPRANTE SWITCHED AND UNSWITCHED PHASE CONDUCTOR TO ALL CONTROLLED RECEPTACLE SREGARDLESS OF RECEPTACLE CONFIGURATION. 34. BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FIELD SHALL LIMIT TO UTAGE DROP TO THESE PERCENTAGES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONCEALED IN WALL OR CEILING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 36. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS. FOR CIRCUIT SIZES NOT SHOWN, REFER TO PAHEL SCHEDULES FOR CONDUCTOR AND CONDUIT SIZES. 37. ALL EMBRECENCY CIRCUITS SHALL BE CRITICELY INDEPENDENT OF ALL OTHER WIRING AND COUNTRY SHALL BE INCURRED BY THE CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUITS REQUIRED BY MANUFACTURE TO FIX THE WIRING SCHEDT TO SCHEDULTS AND SHALL BE INCURRED BY THE CONTRACTOR SHALL BE RETIRELY BY MADUFACTURE. AND SCHEDULTS AND SCHEDULTS NOT CLARRIEDE PRIOR TO BID SHALL BE SUBJECT TO THE INTERPROPING OF	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFRESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BEECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 3. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C. R. (IFC WIT 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 9. 2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24 C.C.R.) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS) TECHNOLOGY SHEET TH. 11. TECHNOLOGY FRONT SHEET T1.1 TECHNOLOGY SECOND FLOOR PLAN T1.2 TECHNOLOGY SECOND FLOOR PLAN	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	MORONGO BAND OF MISSION FIRE STATION #1 INTERSECTION OF MORONGO ROAD AND SANTIAGO ROAD, BANNING, CALIFORNIA
Morongo Fire Station_MEP_Central_R22.rvt	2. FECEDERS: TYPE THW OR THHNTHWINZ, OR WHW.2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUTTS, PLUG STRIPS, WIREMOLD, SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 20. 29. WIRING METHOD SHALL BE EMT ABOVE GROUND AND MOUNTED IN CONCEATED SPACES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGIG WHEN ENCASED IN CONCERTE OR SUSCEPTIBLE TO DANAGE. 30. PROVIDE 110V OUTLET, CFL LIGHT & SWITCH FOR LIGHT @ FAU IN ATTIC, WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 404 2(2). 32. UNLESS OTHERWISE INDICATED. SHARING OF NEUTRAL/GROUNDED CONDUCTOR SAMONG SINGLE PHASE BRANCH CIRCUITS OF DIFFERENT PHASES INSTALLED IN THE SAME RACEWAY IS NOT PERMITTED. PROVIDE DEDICATED NEUTRAL/GROUNDED CONDUCTOR FOR ACEN HONDIVOUR BRANCH CIRCUIT. 33. UNLESS OTHERWISE INDICATED. PROVIDE A SEPARATE SWITCHED AND UNSWITCHED PHASE CONDUCTOR TO ALL CONTROLLED RECEPTACLES REGARDLESS OF RECEPTACLE CONFIGURATION. 34. BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FIELD SHALL LIMIT VOLTAGE DROP TO THESE FERCENTAGES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONCEALED IN WALL OR CEILING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 36. CONTRACTOR SHALL PROVIDE CONDUITORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS. FOR CIRCUIT SURGED CONDUITS SHALL BE ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND CONDUITS SARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 37. ALL EMFRENCY CIRCUITS SHALL BE ENTIRELY INDEPENDENT OF ALL DITHER WIRING AND CONDUIT SEC. 38. REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONDUIT REQUIREMENTS. CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUIT SEQUIRED BY MANUFACTURER TO BE THE CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUITS REQUIRED BY MANUFACTURE TO BE DETAILS FOR WIRING EXPERT WIRING EXPERT WIRING EXPERT FOR DETAILS FOR DISTALL WORK TO ACCOMPLISH	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFRESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BEECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 3. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C. R. (IFC WIT 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 9. 2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24 C.C.R.) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS) TECHNOLOGY SHEET TH. 11. TECHNOLOGY FRONT SHEET T1.1 TECHNOLOGY SECOND FLOOR PLAN T1.2 TECHNOLOGY SECOND FLOOR PLAN	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	MORONGO BAND OF MISSION FIRE STATION #1 INTERSECTION OF MORONGO ROAD AND SANTIAGO ROAD, BANNING, CALIFORNIA
1BMI Morongo Fire Station_MEP_Central_R22.rvt	2. FEEDERS: TYPE THW OR THANTHWINZ, OR XHHW-2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS. PLUG STRIPS. WIREMOLD SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 20. 29. WIRNS METHOD SHALL BE BUT ABOVE GROUND AND MOUNTED IN CONCEASED SPACES, MIS DEPOCHABLE 40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCRETE OR SUSCEPTIBLE TO DAMAGE. 30. PROVIDE 110V OUTLET, CFL LIGHT & SWITCH FOR LIGHT ® FAU IN ATTIC, WHERE APPLICABLE 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 494 2(c). 32. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRALIGROUNDED CONDUCTOR SAMONG SINGLE PHASE BRANCH OIRCUITS OF DIFFERENT PHASES INSTALLED IN THE SAME RACEWAY IS NOT PERMITTED. PROVIDE DEDICATED NEUTRALIGROUNDED CONDUCTOR FOR ACCH INDIVIDUAL BRANCH CROUNT. 33. UNLESS OTHERWISE INDICATED, PROVIDE A SEPARATE SWITCHED AND UNSWITCHED PHASE CONDUCTOR TO ALL CONTROLLED RECEPTACLES REGARDLESS OF RECEPTACLE CONFIGURATION. 34. BASIS OF ELECTRICAL DESIGN LIMITS YOUT AGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FIELD SHALL LIMIT YOUT AGE DROP TO THESE PERCENTIACES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONDECALED IN WALL OR CEILING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 36. CONTRACTOR SHALL PROVIDE CONDUITORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS. FOR DIRECT PROVIDE CONDUITS AND ECONOCINED SHALL BROWN REFER TO PARKE SCHEDULES FOR CONDUCTOR AND CONDUITS ARE NOT SHOWN, REFER TO PARKE SCHEDULES FOR CONDUCTOR AND CONDUITS ARE NOT SHOWN. REFER TO PARKE SCHEDULES FOR CONDUCTOR AND CONDUCTOR AND CONDUCTOR SHALL NOT ENTER SAME RACEWAY, BOXES OR CABINETS WITH OTHER WIRING EXCEPT WHERE PROVIDED IN NEC 700.98. 37. ALL EMPROPENCY SCHEDULES SHALL BE SCHEDULES FOR CONDUCTOR AND CONTRACTOR SHALL NOT ENTER SHALL BE INCIPACED. AND AND SCHEDULES AND CONTRACTOR SHALL BROWNED TO THE ATTENTION OF THE OWNER. SHALL BE SUBJECT TO T	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFRESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BEECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 3. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C. R. (IFC WIT 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 9. 2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24 C.C.R.) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS) TECHNOLOGY SHEET TH. 11. TECHNOLOGY FRONT SHEET T1.1 TECHNOLOGY SECOND FLOOR PLAN T1.2 TECHNOLOGY SECOND FLOOR PLAN	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	MORONGO BAND OF MISSION FIRE STATION #1 INTERSECTION OF MORONGO ROAD AND SANTIAGO ROAD, BANNING, CALIFORNIA
121 MBMI Morongo Fire Station_MEP_Central_R22.rvt	2. FEEDERS. TYPE THW OR THINTHWA-2, OR XIHW-2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS, PLUG STRIPS, WIREMOLD. SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250. 29. WIRNING METHOD SHALL BE EWT ABOVE GROUND AND MOUNTED IN CONCEASE DAYAGES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCEASE DAYAGES AND SCHEDULE-40 PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCEASE OF ASSESS AND SCHEDULE-40 PVC FOR UNDERGROUND CONTAINS. ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 494 2(0.) 30. PROVIDE 110V OUTLET, CFL LIGHT & SWITCH FOR LIGHT № FAU IN ATTIC, WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 494 2(0.) 32. UNLESS OTHERWISE INDICATED. SHARING OF NEUTRAL/GROUNDED CONDUCTORS AMONG SINGLE PHASE BRANCH CIRCUITS OF DIFFERENT PHASES INSTALLED IN THE SAME RACEWAY IS NOT PERMITTED. PROVIDE DEDICATED NEUTRAL/GROUNDED CONDUCTOR FOR ACHIEVING HONOLOGY ENGAGES. 33. UNLESS OTHERWISE INDICATED. PROVIDE A SEPARATE SWITCHED AND UNISWITCHED PHASE CONDUCTOR TO ALL CONTROLLED RECEPT ACLES REGARDLESS OF RECEPTACLE CONFIGURATION. 34. BASIS OF ELECTRICAL DESION LIMITS VOLTAGE DROP TO ZHE FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FIELD SHALL LIMIT VOLTAGE DROP TO THESE PERCENTAGES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONCEALED IN WALL OR CELLING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 36. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS. FOR CIRCUIT SIZES NOT SHOWN. REFER TO PARE SCHEDULES FOR CONDUCTOR AND CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 37. ALL LEMBERSON'C DIFFORM SHALL BE CONCEALED IN WALL OR CONDUITS REQUIRED IN NEC 703.98. 38. REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONDUIT REQUIREMENTS. CONTRACTOR SHALL NOT ENTER FROM THE WORK WITH OTHER WIRIN	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFRESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BEECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 3. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C. R. (IFC WIT 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 9. 2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24 C.C.R.) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS) TECHNOLOGY SHEET TH. 11. TECHNOLOGY FRONT SHEET T1.1 TECHNOLOGY SECOND FLOOR PLAN T1.2 TECHNOLOGY SECOND FLOOR PLAN	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	MORONGO BAND OF MISSION FIRE STATION #1 INTERSECTION OF MORONGO ROAD AND SANTIAGO ROAD, BANNING, CALIFORNIA
on/23-121 MBMI Morongo Fire Station_MEP_Central_R22.rvt	2. FEEDERS: TYPE THW OR THHNTHWN.2, OR XHHW.2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLUDING CONDUITS, PLUG STRIPS, WIREMOLD, 312 OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250. 29. WIREMOUR HYDRO SHALL BE EATH ADOVE GROUND AND MOUNTED IN CONDEALS BY APPEAS AND SCHOLLLE AP DYC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCERTE OR SUSCEPTIBLE TO DAMAGE. 30. PROVIDE 110Y OUTLET, CFL LICHT & SWITCH FOR LIGHT @ FAU IN ATTIC. WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CODDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 4MJ 2(C). 32. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRALGROUNDED CONDUCTORS AMONS SINGLE PHASE BRANCH CIRCUIT. SO PERFIRM PRISSS INSTALL BEIN THE SAME RECEIVANT IS NOT PERMITTED. PROVIDED EDICATED HIGURANDS OF DEFENSE HIS SHARING OF NEUTRALGROUNDED CONDUCTORS AMONS SINGLE PHASE BRANCH CIRCUIT. SO PERFIRM PLASS SINGLE BEIN THE SAME ARE CHARVA'S IN OTHER HYDROLD AT THE SWITCH LOCATION PER NEC 4MJ 2(C). 33. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRALGROUNDED CONDUCTORS AMONS SINGLE PHASE BRANCH CONTROLLED RECEIVED SEASON. THE PROVIDE A SEASON SHARING OF REACH INDIVIDUAL BRANCH CIRCUIT. 34. BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROP TO THESE PERCENTIAGES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONDUCTAGE DROP TO 2% FOR FEEDERS AND 3%, FOR BRANCH CIRCUITS ANY CHANGES MADE IN THE FELD SHALL LIMIT VOLTAGE DROP TO THESE PERCENTIAGES. 36. BRANCH CIRCUIT SHALL DESIGN LIMITS VOLTAGE DROP TO THESE PERCENTIAGES. 37. ALL ELBERGSHOV'D CIRCUITS SHALL BE CONDEALED IN WALL OR CEILING SPACES EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 38. BRANCH CIRCUITS SHALL BE CONDUCTORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS, FOR CIRCUITS SEEN OF SHOWING, REPERT TO PARKED SCHEDULY OF ALL WIRING AND COUNTIES SHALL BY OWNERS AND CONDUCTOR SHALL CONDUCTION. SHEED IN THE TOTAGE PROVIDE DIN TO THE WIRING AND CONDUCTION SHEED IN THE TOTAGE PROVIDE DIN TO THE WIRING AND CONDU	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFRESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BEECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 3. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C. R. (IFC WIT 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 9. 2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24 C.C.R.) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS) TECHNOLOGY SHEET TH. 11. TECHNOLOGY FRONT SHEET T1.1 TECHNOLOGY SECOND FLOOR PLAN T1.2 TECHNOLOGY SECOND FLOOR PLAN	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	MORONGO BAND OF MISSION FIRE STATION #1 INTERSECTION OF MORONGO ROAD AND SANTIAGO ROAD, BANNING, CALIFORNIA
Station/23-121 MBMI Morongo Fire Station_MEP_Central_R22.rvt	2. FEEDERS: TYPE THW OR THINTHIWN-2, OR XH-W-2. 28. PROVIDE GREEN INSULATED GROUNDING SCHOLUTOR IN EACH RACEWAY INCLUDING CONDUITS. PLUG STRIPS, WIREMOLD, SIZE OF GROUNDING SHALL SE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250. 29. WIREMOR METHOD SHALL BE EAST ADOVE GROUND AND MOUNTED IN CONCEALE DAYAGES AND SCHOLLLEAP PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCEALE SAPECS AND SCHOLLLEAP PVC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCERTE OR SUSCEPTIBLE TO DAMAGE. 30. PROVIDE 110V OUTLET, CFL LIGHT & SWITCH FOR LIGHT & FAU IN ATTIC. WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CODDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 444 2(C). 32. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRALCROUNDED CONDUCTORS AMONG SINGLE PHASE BRANCH CIRCUIT. SO THERWISE IN PRESS SINGLE IN THE SAME RECIPIEW IS NOT PERMITTED. PROVIDE DEDICATED INCUTRAL/GROUNDED CONDUCTOR FOR EACH INDIVIDUAL BRANCH CIRCUIT. 33. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRALCROUNDED CONFIGURATION. 34. BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FEILD SHALL LIMIT VOLTAGE DROP TO 2% FOR FEEDERS AND 3% FOR BRANCH CIRCUITS. ANY CHANGES MADE IN THE FEILD SHALL LIMIT VOLTAGE DROP TO THESE FERCENTAGES. 35. BRANCH ORIGICUIT CONDUITS SHALL BE CONDUCTORS AND CONDUITS ARE NOT ALLOWED WHERE CONCEALED METHODS ARE AVAILABLE. 36. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS, FOR CIRCUITS SHALLS RECOVERED BY MANUFACTURE. FOR CIRCUITS SHALL BROWNER SHALL SHAL	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFRESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BEECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 3. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C. R. (IFC WIT 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 9. 2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24 C.C.R.) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS) TECHNOLOGY SHEET TH. 11. TECHNOLOGY FRONT SHEET T1.1 TECHNOLOGY SECOND FLOOR PLAN T1.2 TECHNOLOGY SECOND FLOOR PLAN	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	MORONGO BAND OF MISSION FIRE STATION #1 INTERSECTION OF MORONGO ROAD AND SANTIAGO ROAD, BANNING, CALIFORNIA
Fire Station/23-121 MBMI Morongo Fire Station_MEP_Central_R22.rvt	2. FEEDERS: TYPE THW OR THENTHWAL OR XHEWL? 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLIDING CONDUITS. PLUG STRIPS, WHENDOLD SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC COOR ARTICLE 280. 29. WIRNS METHOD SHALL BERM JADVE GROUND AND MOUNTED IN CONDEALE SAPES AND SHOULLE OP YC FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCRETE OR SUSCEPTIBLE TO DAMAGE. 30. PROVIDE 10V OUTLET, CFL LIGHT & SWITCH FOR LIGHT © FAU IN ATTIC, WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC. 404 2(c). 32. UNLESS OTHERWISE INDICATED. SHARING OF NEUTRAL/GROUNDED CONDUCTORS AMONG SINGLE PHASE BRANCH CIRCUITS OF DIFFERENT PHASES INSTALLE IN THE SAME RACEWAY IS NOT PERMITTED, PROVIDE DEDICATED NEUTRAL/GROUNDED CONDUCTOR FOR EACH HOW/DULL BRANCH CIRCUIT. 33. UNLESS OTHERWISE NOLATED, PROVIDE A SEPARATE SWITCHED AND UNEWHITCHED PHASE CONDUCTOR TO ALL CONTROLLED RECEIPTACLES REGARDLESS OF RECEPTACLE CONFIGURATION. 34. BASIS OF ELECTRICAL DESIGN LIMITS VOLTAGE DROOT TO 25 FOR FERENCHISES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONCEALED IN WALL OR CELLING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED WITH DISCASS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS. AND FEEDERS, FOR CIRCUIT SIZES NOT SHOWN, REFER TO PARIL SCHEDULES FOR CONDUCTOR AND CONDUITS AND FEEDERS, FOR CIRCUIT SIZES NOT SHOWN, REFER TO PARIL SCHEDULES FOR CONDUCTOR AND CONDUITS AND FEEDERS, FOR CIRCUIT SIZES NOT SHOWN, REFER TO PARIL SCHEDULES FOR CONDUCTOR AND CONTROLLS. 36. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUITS REQUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS, FOR CIRCUIT SIZES NOT SHOWN, REFER TO PARIL SCHEDULES FOR CONDUCTOR AND CONTROLLS. 37. ALL EMERGENCY CIRCUITS SHALL BE ENTIRELY INDEPENDENT OF ALL DHER WINNER OF THE PROVIDED IN NEC 700.98. 38. THE CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONTROLLS. 39. THE CONTRACTOR SHALL CONDIGNATE THE WORK WITH OTHER WINNER CONFIDENTS. SHALL BE INCURRED BY THE CONTRACTOR SHAL	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFRESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BEECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 3. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C. R. (IFC WIT 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 9. 2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24 C.C.R.) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS) TECHNOLOGY SHEET TH. 11. TECHNOLOGY FRONT SHEET T1.1 TECHNOLOGY SECOND FLOOR PLAN T1.2 TECHNOLOGY SECOND FLOOR PLAN	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	MORONGO BAND OF MISSION FIRE STATION #1
rongo Fire Station/23-121 MBMI Morongo Fire Station_MEP_Central_R22.rvt	2. FEEDERS: TYPE THW OR THHINTHUN-2, OR XHHW-2. 28. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN EACH RACEWAY INCLIDING CONDUITS, PLUG STRIPS, WIREHOLD SIZE OF GROUNDING SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 250. 29. WIRING METHOD SHALL BE EATL ADOVE GROUND AND MOUNTED IN CONDEALE SPACES AND SCRIDULE-4P DY-FOR UNDERGROUND INSTALLATION. USE RIGID WHEN ENCASED IN CONCRETE OR SUSCEPTIBLE TO DAMAGE. 30. PROVIDE 110V OUTLET, CFL LIGHT 8 SWITCH FOR USHT @ FAU IN ATTIC, WHERE APPLICABLE. 31. ALL SWITCH LOCATIONS ARE REQUIRED TO HAVE A NEUTRAL CONDUCTOR PROVIDED AT THE SWITCH LOCATION PER NEC 4M 2/2). 32. UNLESS OTHERWISE INDICATED, SHARING OF NEUTRAL/GROUNDED CONDUCTORS AMONG SINGLE PHASE BRANCH CIRCUITS OF DIFFERENT PLASS. INSTALLED IN THE SAME BRACEWAY IS NOT PERMITTED. PROVIDE DEDICATED RICUTAR J. GROUNDED CONDUCTOR FOR EACH INDIVIDUAL BRANCH CIRCUIT. 33. UNLESS OTHERWISE INDICATED, PROVIDE A SEPARATE SWITCHED AND UNSWITCHED PHASE CONDUCTOR TO ALL CONTROLLED RECOPTACLES REGARDLESS OF RECEPTACE CONTROLATED. 34. BASIS OF ELECTRICAL DESIGN. LIMITS VOLTAGE DROOT TO THESE PERCENTAGES. 35. BRANCH CIRCUIT CONDUITS SHALL BE CONCEALED IN WALL OR CEILING SPACES. EXPOSED CONDUITS ARE NOT ALLOWED WHERE CONCEALED WHICH THOSE ARE AVAILABLE. 36. CONTRACTOR SHALL PROVIDE CONDUCTORS AND CONDUITS REDUIRED FOR ALL BRANCH CIRCUITS AND FEEDERS. FOR CIRCUIT SIZES NOT SHOWN, REFER TO PAREL SCIEDLES FOR CONDUCTOR AND CONDUITS ARE NOT ALLOWED WHERE CONCEALED WE THOSE ARE AVAILABLE. 37. ALL EMERGENOV CIRCUITS SHALL BE ENTIFIED VIN DEPENDENT OF ALL DRAWN AND FEEDERS. FOR CONDUCTORS AND CONDUITS ARE NOT ALLOWED WHERE CONCEALED WE SHALL NOT ENTER SWITCH SHALL PROVIDE CONDUCTORS AND CONDUITS REQUIREMENTS. CONTRACTOR SHALL PROVIDE ALL WIRING AND CONDUITS THE FIELD SCREEN FOR THE SHALL NOT ENTER SWITCH CONTROLODES. THE WASHING EXCEPT WHERE PROVIDED IN NECTOORS. 37. ALL EMERGENOV CIRCUITS SHALL BE ENTIFIED VIN DEPENDENT OF ALL DEPROVED ON IN NECTOORS. 38. REFER TO LIGHTING CONTROL DETAILS FOR WINNING AND CONDUIT	(E) EXISTING DEVICE TO REMAIN REMOVE EXISTING DEVICE AND ASSOCIATED CONDUIT AND WIRE (NL) NOTE TO CONTRACT NOTE TO CONTRACT DO NOT SCALE DRAWINGS CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITION IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFRESPONSIBLE FOR THE SAME. APPLICABLE COD 1. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, 2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C. 3. 2022 CALIFORNIA BEECTRICAL CODE (CBC), PART 3, TITLE 24 C.C. 3. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C. 6. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C. 6. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C. R. (IFC WIT 7. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 8. 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL F. 9. 2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24 C.C.R.) 10. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBS) TECHNOLOGY SHEET TH. 11. TECHNOLOGY FRONT SHEET T1.1 TECHNOLOGY SECOND FLOOR PLAN T1.2 TECHNOLOGY SECOND FLOOR PLAN	REMOVE EXISTING DEVICE AND RELOCATE AS SHOWN ON PLAN NEW LOCATION OF RELOCATED DEVICE TOR INS ON THE JOB SITE AND SHALL FORE PROCEEDING WITH THE WORK OR BE ES TITLE 24 C.C.R. IR. (IBC WITH AMENDMENTS) C.C.R. (NEC WITH AMENDMENTS) C.C.R. (UMC WITH AMENDMENTS) C.R. (UPC WITH AMENDMENTS) TH AMENDMENTS) TH AMENDMENTS) 24 C.C.R. REGULATIONS.		TRUMPET SPEAKER. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. AUDIO CUT OFF SWITCH. PROVIDE WALL MOUNTED 4S BOX. PROVIDE 1"C. WITHIN WALL WITH PULL STRING TO ACCESSIBLE CEILING SPACE. PROVIDE LOW VOLTAGE WIRING PER MANUFACTURER SPECIFICATIONS. CEILING SPEAKER. PROVIDE CEILING MOUNTED 4S BOX. IF INSTALLED IN HARDLID CEILING PROVIDE 3/4" CONDUIT BETWEEN VOLUME CONTROLLER WITHIN ROOM AND SPEAKER. VOLUME CONTROL OUTLET BOX 4S. STUB 1" C. ABOVE TO ACCESSIBLE CEILING SPACE, PROVIDE BUSHING AND PULL WIRE.	MORONGO BAND OF MISSION FIRE STATION #1 FIRE STATION FIRE
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GENERAL NOTES

ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST CODE OF FEDERAL REGULATIONS (CFR), NATIONAL ELECTRICAL CODE EDITION AND ALL APPLICABLE LOCAL CODES AND REGULATIONS.

SIGNAL LEGEND AND SYMBOLS

DESCRIPTION

ABBREVIATIONS

PRINTED :12/19/2023 4:26:08 PM
PATH: Autodesk Docs://75-23611-00 MBMI Morongo Fire Station/23-121 MBM
Autodesk Docs://75-23611-00 MBMI Morongo Fire Station/23-121 MBMI Mo

GENERAL NOTES

ALL CALL ALERT SPEAKERS INSTALLED WITHIN HARDLID CEILING REQUIRE CONDUIT FROM VOLUME CONTROLLER WITHIN ROOM TO SPEAKER FOR CABLING ROUTING.

FINAL POSITIONS OF ALL CALL ALERT SYSTEMS DEVICES INCLUDING SPEAKERS, VOLUME CONTROLLERS AND SWITCHES SHALL BE VERIFIED

WITH MANUFACTURER PRIOR TO ROUGH IN. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL CALL ALERT LOW VOLTAGE CABLING WITHIN ROOMS AND FROM EACH ROOM BACK TO HEAD END EQUIPMENT IN DATA ROOM 212.





CONSTRUCTION NOTES

- PROVIDE 18" WIDE CABLE TRAY. INSTALLATION TO MEET THE REQUIREMENTS OF MORONGO FIRE IT DEPARTMENT.
- PROVIDE (3) 3"C. RISER SLEEVES FOR CABLE ROUTING INCOMING FROM TELECOM ROOM TO SECOND FLOOR IDF ROOM.
- PROVIDE 19" RACK MINIMUM 77" HEIGHT. EACH RACK SHOULD HAVE BOTH HORIZONTAL AND VERTICAL CABLE MANAGEMENT. PROVIDE SIDE MOUNTED VERTICAL CABLE MANAGEMENT ON BOTH SIDES OF EACH RACK. PROVIDE STRAIN RELIEF AND CABLE MANAGEMENT AT THE REAR OF EACH RACK TO ENSURE TIDY ROUTING OF ALL FEEDER AND HORIZONTAL CABLES. ENSURE ALL MORONGO FIRE IT DEPARTMENT INSTALLATION AND GROUNDING REQUIREMENTS ARE MET.
- PROVIDE 20"X 4"COPPER GROUND BUS BAR. THE BUS BAR MUST BE CONNECTED TO THE LOCAL SERVICE PANEL AND THE MAIN ELECTRICAL SERVICE ENTRANCE. 1-1/4"EMT CONDUIT TO THE BUILDING SERVICE ENTRANCE FOR THE INSTALLATION OF A GROUNDING CONDUCTOR SHALL BE PROVIDED. 1/0 INSULATED GROUND CONDUCTOR BETWEEN GROUND BAR IN THE BDF AND THE BUILDING MAIN SERVICE ENTRANCE. 1/0 INSULATED GROUND CONDUCTOR SHALL BE INSTALLED BETWEEN THE GROUND BUS BAR IN THE BUILDING EQUIPMENT ROOM AND THE NEAREST LOCAL BRANCH PANEL. #6 WIRE CONNECTIONS SHALL BE INSTALLED TO EACH EQUIPMENT RACK, CABLE TRAY SEGMENT, CROSS CONNECT ENCLOSURE AND FIBER ENCLOSURES.
- PROVIDE CONTINUOUS FIRE RESISTANT PLYWOOD TELEPHONE 6 PROVIDE (1) CAT6 CABLE IN 1" CONDUIT BACK TO SECURITY EQUIPMENT
- 7 CONTRACTOR TO PROVIDE JUNCTION BOX FOR FUTURE USE AND

AHJ SUBMITTAL 9.25.2023 REVISIONS

TECHNOLOGY FIRST FLOOR PLAN



CONSTRUCTION NOTES

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- 5 PROVIDE CONTINUOUS FIRE RESISTANT PLYWOOD TELEPHONE

AHJ SUBMITTAL 9.25.2023 REVISIONS

TECHNOLOGY SECOND FLOOR PLAN

TECHNOLOGY SECOND FLOOR PLAN SCALE: 1/8" = 1'-0"

ENLARGED DATA ROOM 212

BACKBOARD-

GROUNDING BUSBAR 4

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