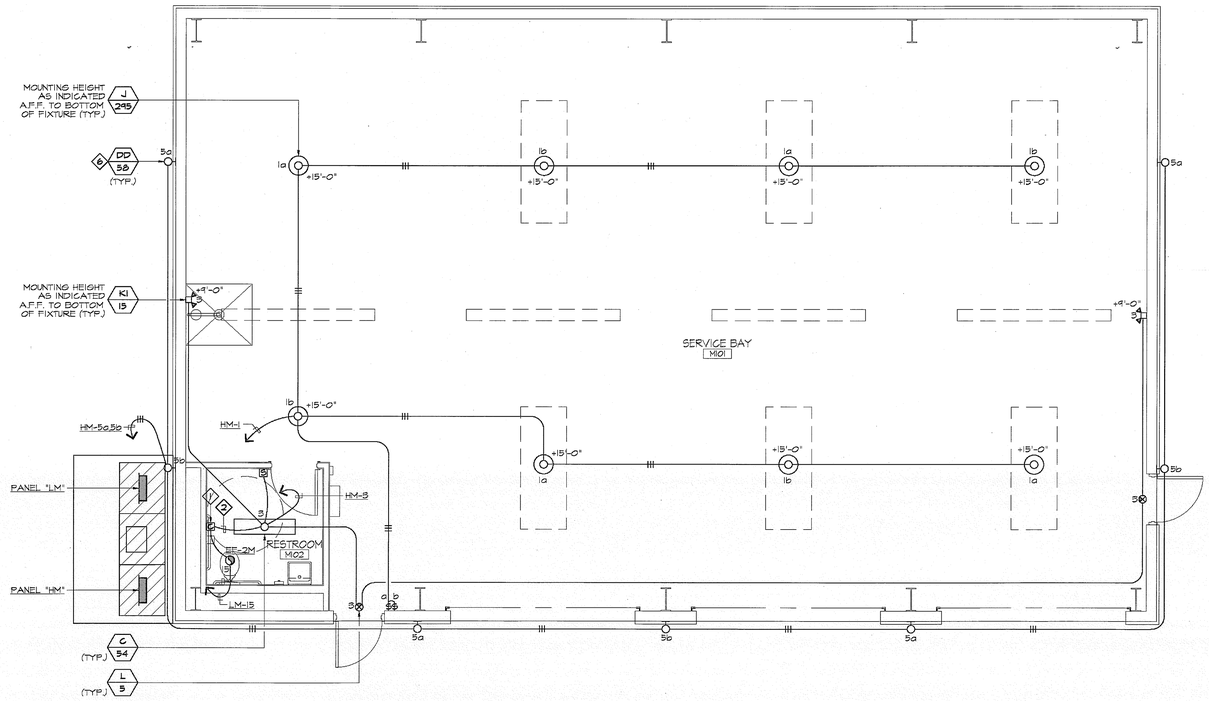


MAINTENANCE BUILDING LIGHTING PLAN SCALE: 1/4" = 1'-0"

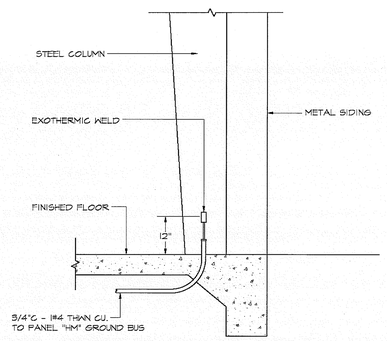
0 2 4 8 FEET

PLAN NOTES - MAINTENANCE BUILDING PER SHEET EB-5.1 ONLY

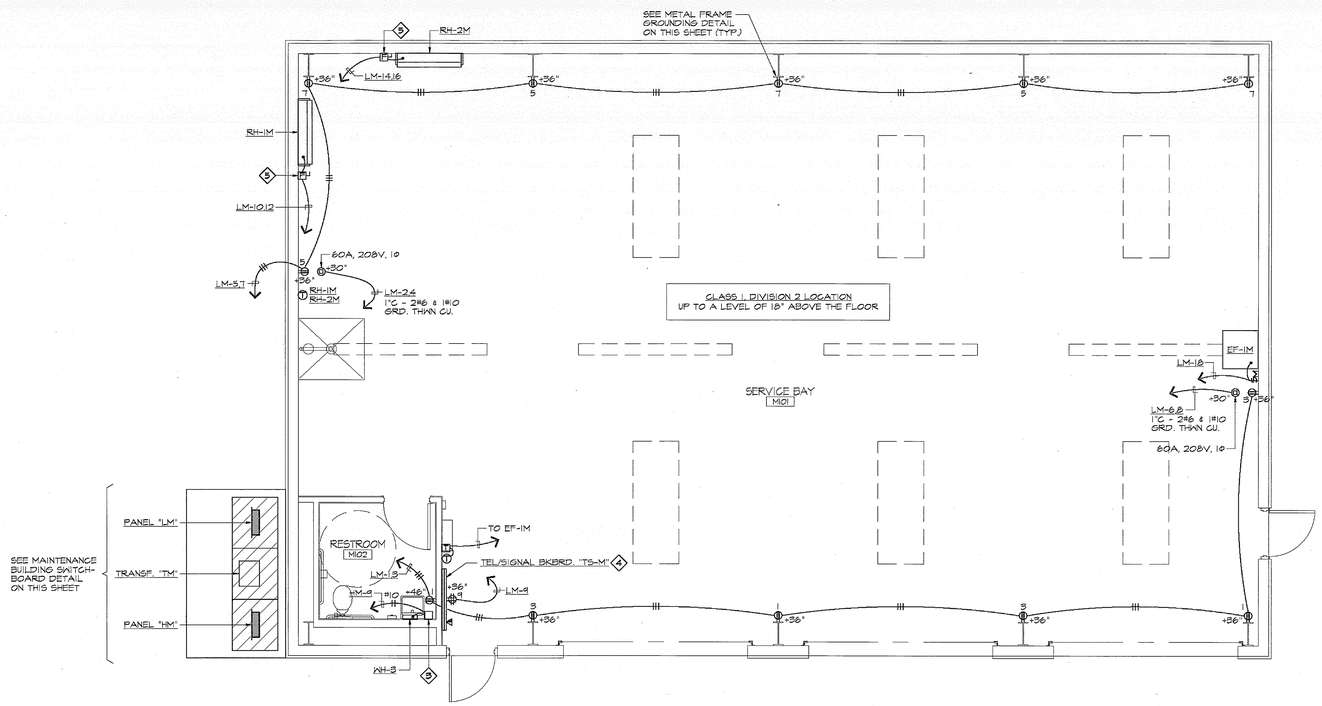
1. EXHAUST FAN SHALL BE CONTROLLED BY THE LIGHT SWITCH. CONTRACTOR SHALL PROVIDE A RELAY MOUNTED IN ACCESSIBLE CEILING SPACE OR MOUNTED ON WALL INSIDE THE ROOM 6" BELOW THE CEILING. EXHAUST FAN SHALL BE WIRED THRU THE RELAY. RELAY SHALL BE 2P, 30A CONTACTS, 277V CONTROL COIL, NEMA 1 ENCLOSURE.
2. CONNECT RELAY CONTROL COIL TO ROOM LIGHT (277V).
3. ENCLOSED CIRCUIT BREAKER FOR WATER HEATER. 30A, 1P
4. 8'H X WALL WIDTH X 3/4" THICK TREATED PLYWOOD BACKBOARD WITH WHITE FIRE RETARDANT PAINT. PROVIDE 3/4"G - 1 #4 GRD. THAN CU. TO PANEL "HM" GROUND BUS.
5. FUSED DISCONNECT SWITCH FOR ELECTRIC RADIANT HEATER. 30A5/*A1/2P (*SEE GENERAL NOTES ON THIS SHEET)
6. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.

GENERAL NOTES

1. REFER TO MECHANICAL DRAWINGS FOR CONTROL DIAGRAMS. ALL EQUIPMENT, POWER AND CONTROL CONDUITS, WIRES, ETC. CALLED FOR AS BY ELECTRICAL CONTRACTOR OR WORK UNDER DIVISION 16 SHALL BE FURNISHED AND INSTALLED BY THIS CONTRACTOR.
2. HVAC EQUIPMENT OVERCURRENT PROTECTION SHALL BE SIZED PER EQUIPMENT NAMEPLATE RATING OR AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.

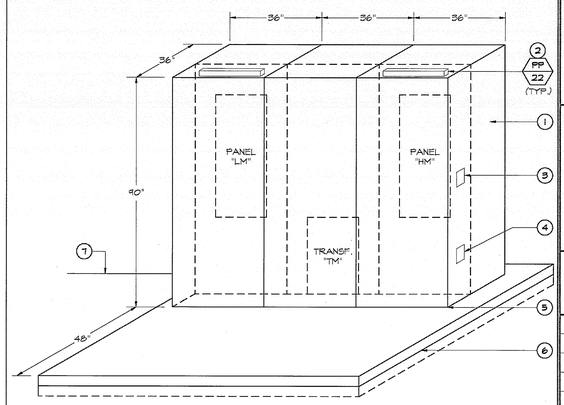


MAINTENANCE BUILDING METAL FRAME GROUNDING DETAIL NOT TO SCALE



MAINTENANCE BUILDING POWER PLAN SCALE: 1/4" = 1'-0"

0 2 4 8 FEET



SWITCHBOARD NOTES

1. NEMA 3R ENCLOSURE. NON-WALK IN TYPE
2. 2 FT. FLUORESCENT LIGHTING FIXTURE. LIGHT FIXTURE SHALL BE MOUNTED INSIDE THE SWITCHBOARD HOUSING. PROVIDE BRANCH CIRCUIT CONDUIT AND WIRES AND CONNECT TO PANEL "LM", CIRCUIT LM-19. SEE LIGHTING FIXTURE SCHEDULE ON SHEET EB-0.1.
3. SINGLE POLE TOGGLE SWITCH FOR SWITCHBOARD LIGHT MOUNTED INSIDE THE SWITCHBOARD HOUSING
4. GFI TYPE RECEPTACLE. PROVIDE BRANCH CIRCUIT CONDUIT AND WIRES AND CONNECT TO PANEL "LM", CIRCUIT LM-17.
5. PROVIDE 5/8" DIA. WEDGE ANCHORS, MINIMUM 3 1/4" EMBEDMENT. PROVIDE A MINIMUM OF 8 ANCHORS PER SWITCHBOARD SECTION
6. CAST IN PLACE 8" THICK CONCRETE PAD WITH 6'X6", #10X#10 WELDED WIRE MESH (4" ABOVE GRADE AND 4" BELOW FINISH GRADE). EXTEND 6" BEYOND OUTSIDE DIMENSION OF ENCLOSURE WITH MINIMUM 1.2% SLOPE AWAY FROM ENCLOSURE FOR DRAINAGE.
7. FINISHED GRADE

MAINTENANCE BUILDING SWITCHBOARD DETAIL NOT TO SCALE

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PERRIS VALLEY Big League Dreams

2155 Trumble Road
Perris, California 92570

SHEET TITLE
MAINTENANCE BUILDING LIGHTING AND POWER PLANS

100% CONSTRUCTION DOCUMENT

DATE	REVISIONS

STAMP

REGISTERED PROFESSIONAL ENGINEER — LEONARD E. REGALADO III — No. E16914 — Exp. 6-30-11 — ELECTRICAL — STATE OF CALIFORNIA

CHECKED BY	DATE
LRA	
DATE 01-07-10	FILE NAME
DRAWN BY CR	SHEET EB-5.1
JOB NO. 05208.00	
SCALE AS NOTED	176 OF 313 SHEETS