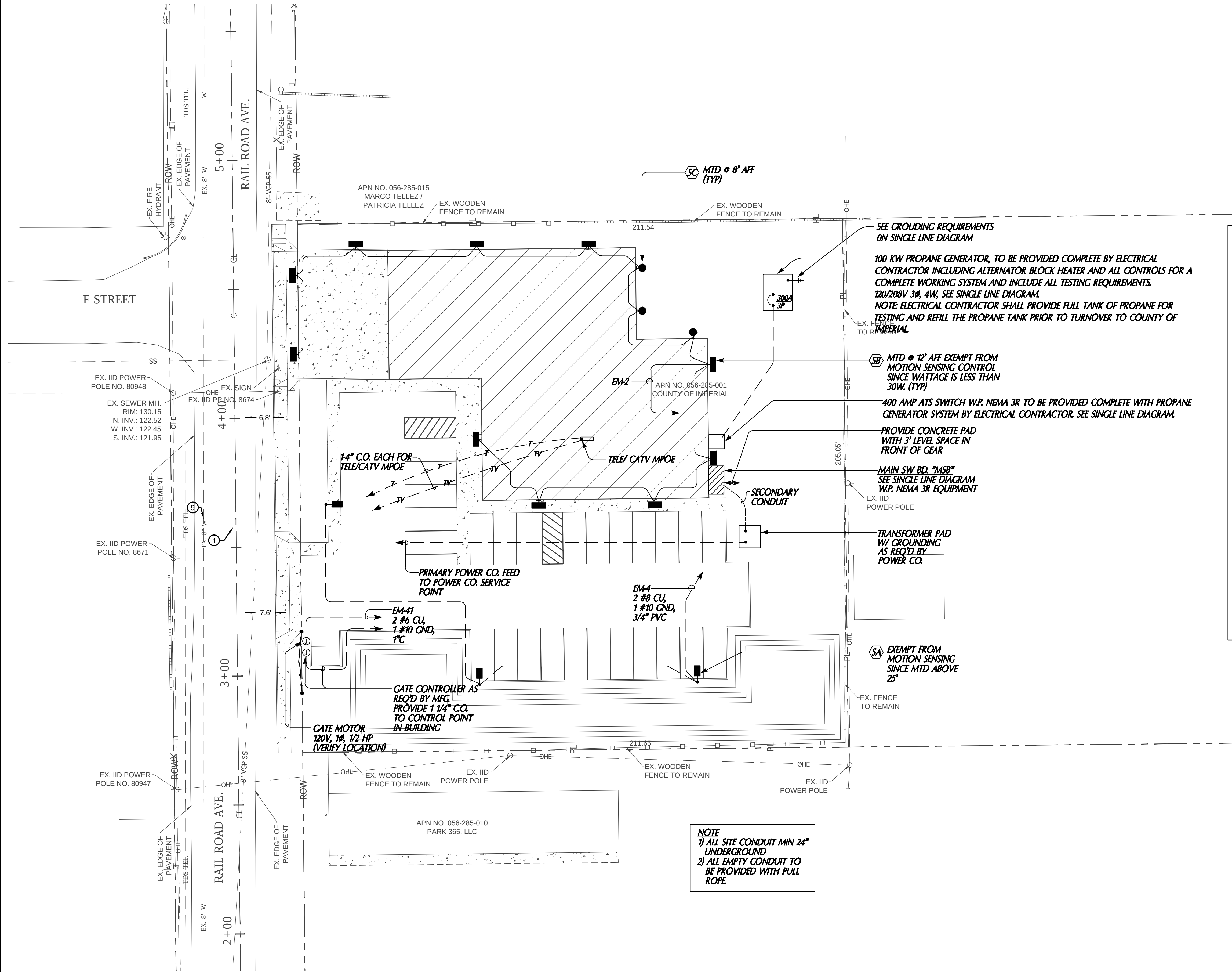




WARNING

1. ELECTRICAL CONTRACTOR SHALL HAVE ALL EXISTING UTILITIES PRE-LOCATED PRIOR TO ANY AND ALL EXCAVATION (OF ANY TRADE).

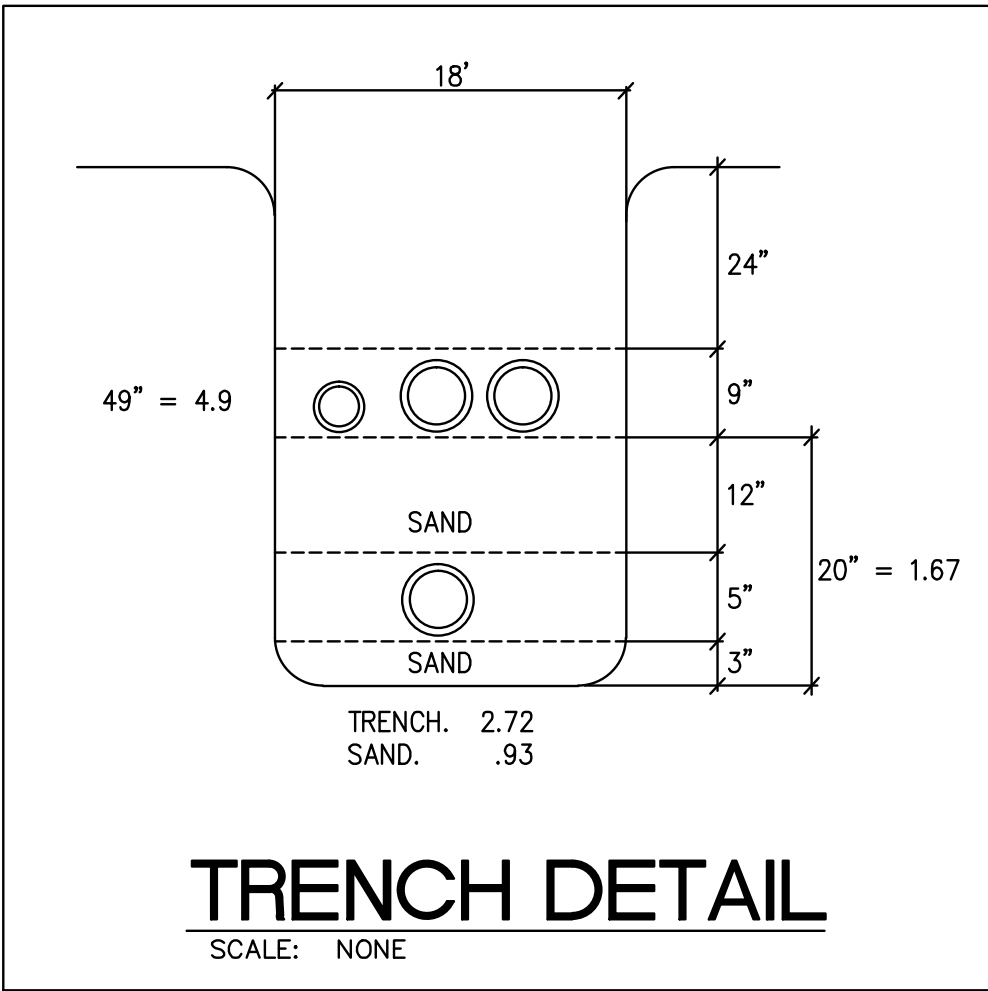
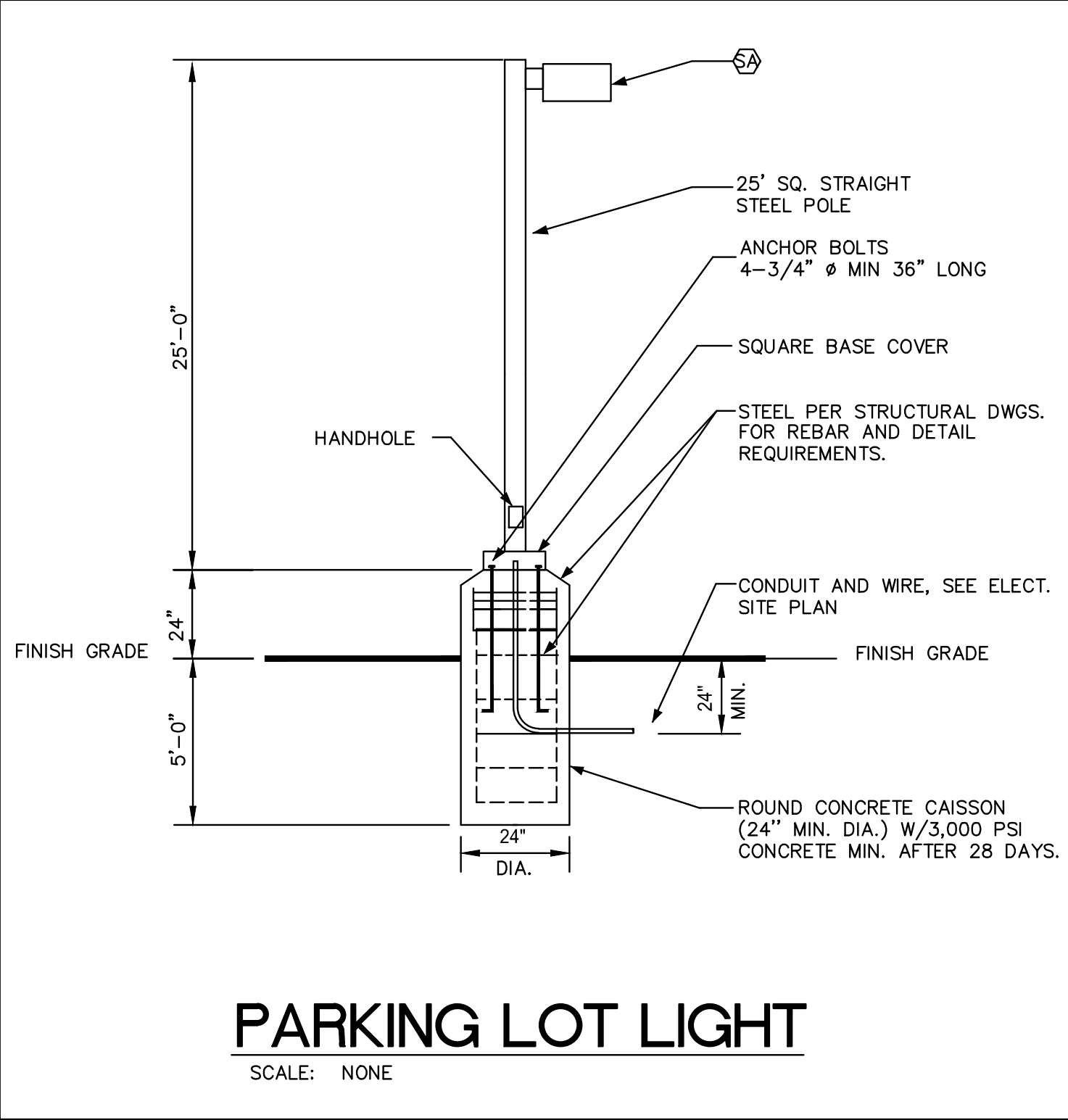
2. THE ELECTRICAL CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN THE AREA SO AS NOT TO DISTURB OR DAMAGE ANY EXISTING UTILITIES AND/OR ELECTRICAL LINES THAT MAY BE UNDERGROUND AND SHALL BE RESPONSIBLE THEREFORE SHOULD ANY DAMAGE OR HARM OCCUR TO PERSON(S) OR EQUIPMENT.

POWER CO. COORDINATION STATEMENT

THIS CONTRACTOR SHALL SUBMIT ELECTRICAL DRAWINGS IMMEDIATELY AFTER THE AWARD OF CONTRACT TO THE LOCAL UTILITY COMPANY FOR THEIR REVIEW. IF THERE ARE ANY UTILITY CHARGES, THEY SHALL BE PAID BY THE OWNER BUT THIS CONTRACTOR SHALL PROVIDE ALL REQUIRED COORDINATION BETWEEN THE OWNER AND THE UTILITY COMPANY AND THIS SHALL BE ACCOMPLISHED IN AN IMMEDIATE MANNER ONCE THE PROJECT IS AWARDED TO THE CONTRACTOR. COORDINATE ALL UTILITY CHANGES THAT ARE TO TAKE PLACE ON THIS JOB WITH RESPECT TO THE ELECTRICAL WORK THAT IS GOING TO BE PERFORMED.

TELEPHONE/ CATV COMPANY COORDINATION STATEMENT

THIS CONTRACTOR SHALL SUBMIT ELECTRICAL DRAWINGS IMMEDIATELY AFTER THE AWARD OF CONTRACT TO THE LOCAL TELEPHONE COMPANY FOR THEIR REVIEW. IF THERE ARE ANY TELEPHONE CHARGES, THEY SHALL BE PAID BY THE OWNER BUT THIS CONTRACTOR SHALL PROVIDE ALL REQUIRED COORDINATION BETWEEN THE OWNER AND THE TELEPHONE COMPANY AND THIS SHALL BE ACCOMPLISHED IN AN IMMEDIATE MANNER ONCE THE PROJECT IS AWARDED TO THE CONTRACTOR. COORDINATE ALL TELEPHONE CHANGES THAT ARE TO TAKE PLACE ON THIS JOB WITH RESPECT TO THE ELECTRICAL WORK THAT IS GOING TO BE PERFORMED.



ELECTRICAL SITE PLAN

Scale: 1" = 10' - 0"

NEDC, INC.
ELECTRICAL DESIGN CONSULTANTS
AN ENGINEERING CORPORATION

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SAN DIEGO, CALIFORNIA 92103
(619) 278-0078 FAX (619) 278-0078
NEDC@FACBELL.NET

DATE: _____ SCALE: _____

DRAWN BY: _____

CHECKED BY: _____

PROJECT NO: _____

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WINTERHAVEN

PUBLIC SAFETY FACILITY

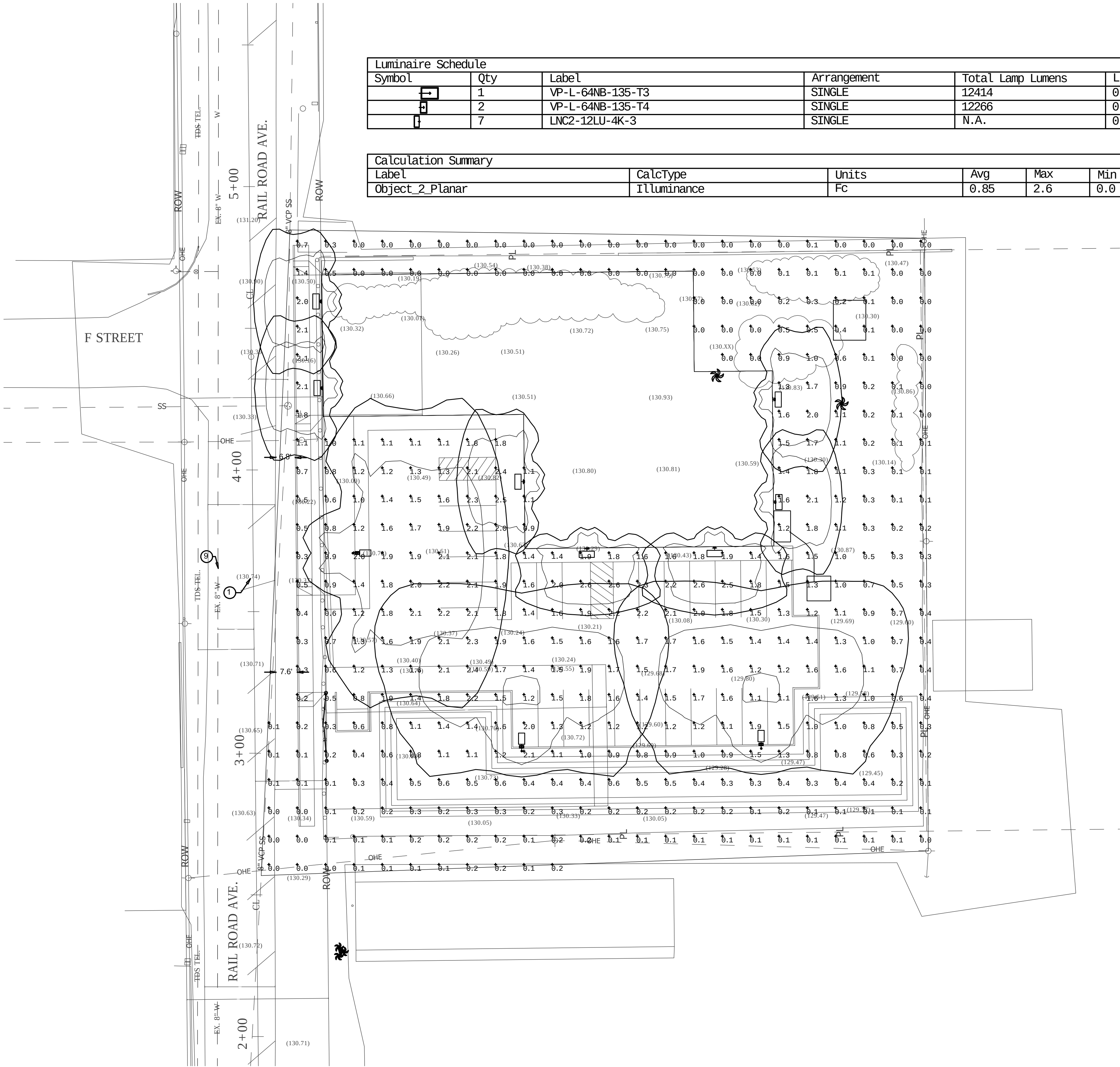
518 RAILROAD AVENUE
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ELECTRICAL SITE PLAN

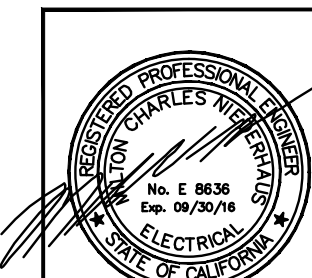
DATE: _____	SCALE: _____
DRAWN BY: _____	CHECKED BY: _____
PROJECT NO: _____	SHEET NUMBER: E1.0



Luminaire Schedule					
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	L
	1	VP-L-64NB-135-T3	SINGLE	12414	0
	2	VP-L-64NB-135-T4	SINGLE	12266	0
	7	LNC2-12LU-4K-3	SINGLE	N.A.	0

Calculation Summary					
Label	CalcType	Units	Avg	Max	Min
Object_2_Planar	Illuminance	Fc	0.85	2.6	0.0

ELECTRICAL PHOTOMETRIC SITE PLAN
Scale: 1" = 10' - 0"



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PROJECT NO.	SHEET NUMBER
	E1.P

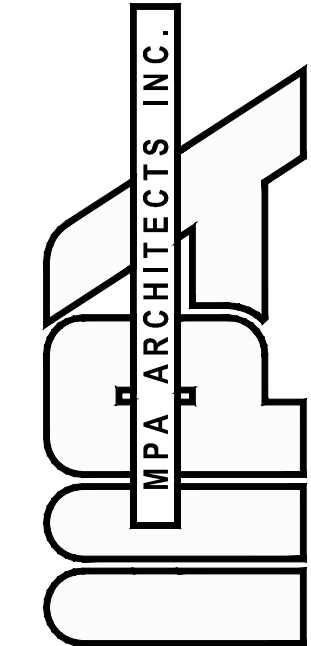
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TITLE

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SHEET TITLE

ELECTRICAL
LIGHTING PLAN

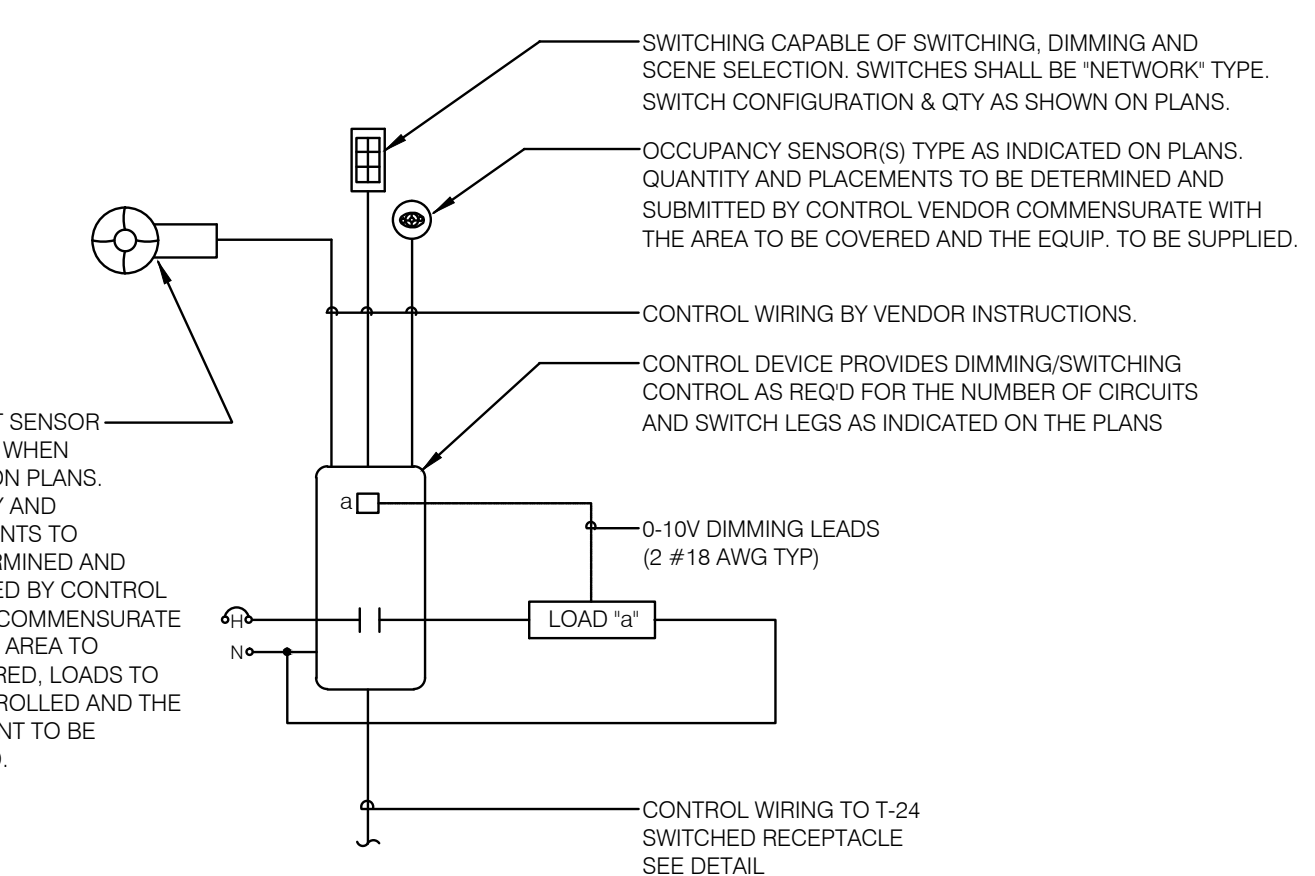
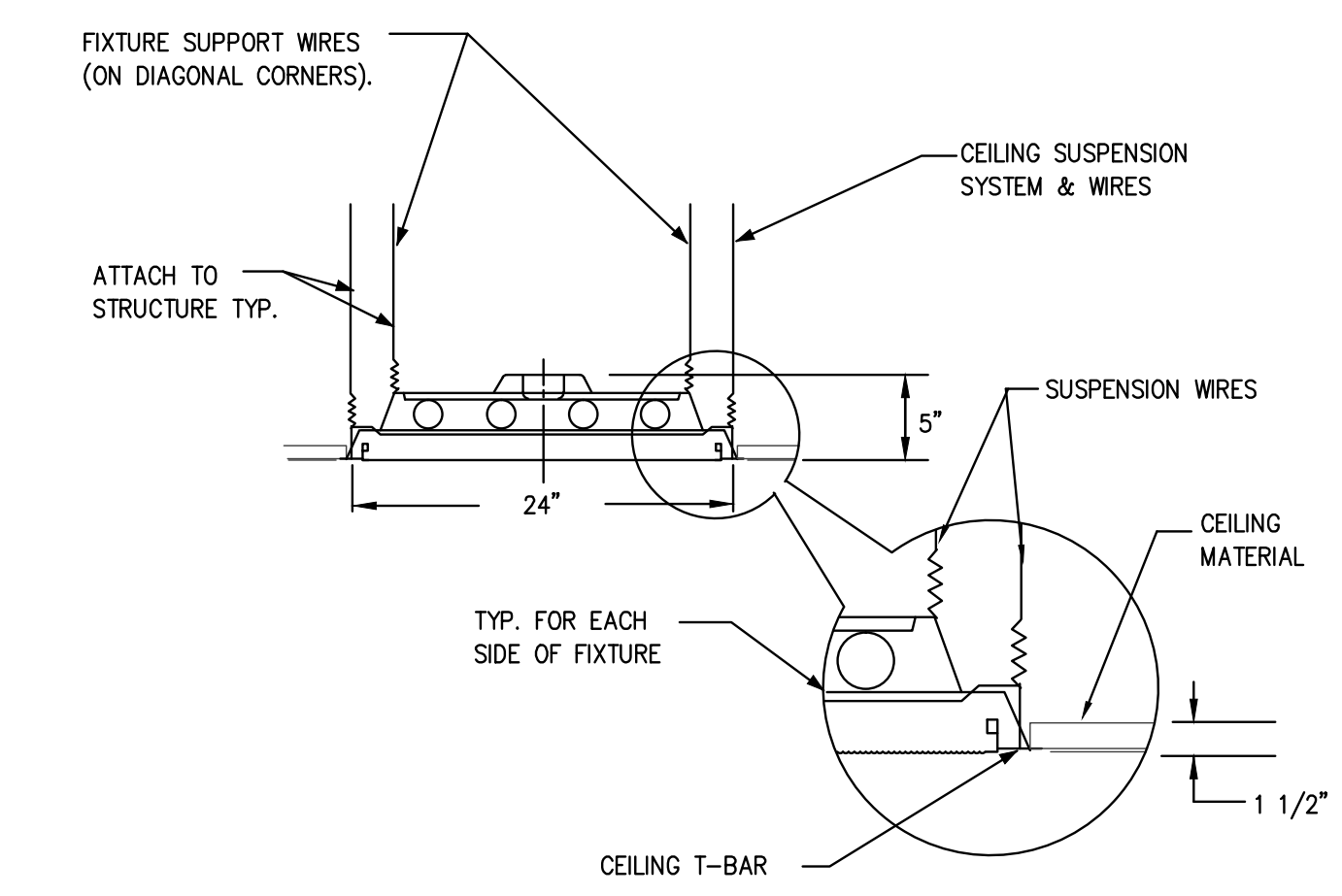
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PROJECT NO.	E2.0	TITLE
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LIGHTING FIXTURE MOUNTING DETAIL

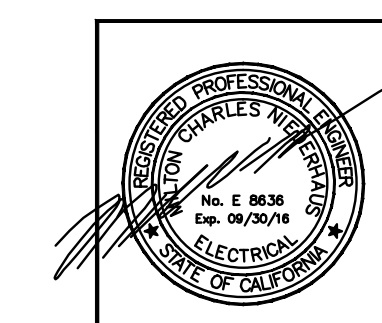


T-24 LIGHTING CONTROL APPLICATION DETAIL
NOT TO SCALE

T-24 CONTROL LEGEND

[S]	NETWORK TYPE SWITCHING CONTROL CAPABLE OF SWITCHING, DIMMING AND SCENE SELECTION
[OS]	OCCUPANCY SENSOR
[M]	WALL MTD. OCCUPANCY SENSOR WITH SWITCH PER T-24
[DS]	DAYLIGHT SENSOR
[PP]	CONTROL DEVICE PROVIDES DIMMING/SWITCHING CONTROL AS REQ'D FOR THE NUMBER OF CIRCUITS AND SWITCH LEGS AS INDICATED ON THE PLANS
[Q]	QUADPLEX RECEPTACLE WITH 1/2 SW'D PER CONTROL DIAGRAM OCC SENSOR AND 1/2 HOT.

NOTE: ALL LIGHTING ON STANDBY EMERGENCY GENERATOR SYSTEM TO OPERATE DURING POWER FAILURE



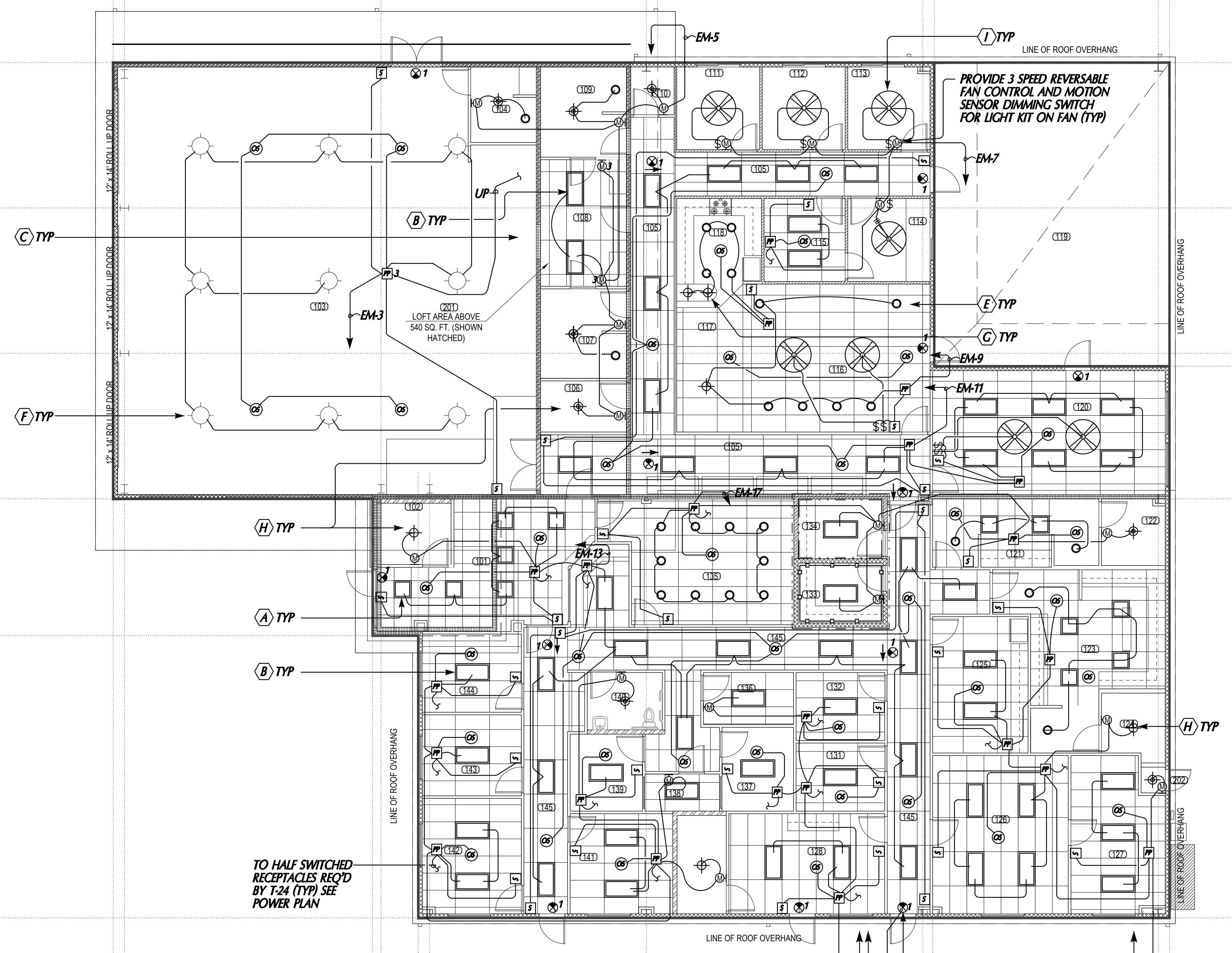
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ELECTRICAL LOFT LIGHTING PLAN

SCALE 1/8" = 1' - 0"



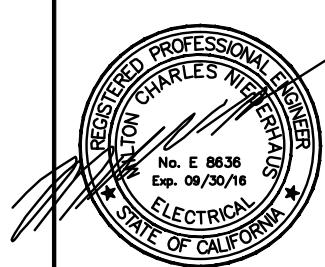
ELECTRICAL 1ST FLR LIGHTING PLAN

SCALE 1/8" = 1' - 0"

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
	6	Type A	SINGLE	N.A.	0.900	LSE22-40LWG-C-ESD
	60	Type B	SINGLE	N.A.	0.900	LSE24-40MLG-C-ESD
	8	Type B1	SINGLE	N.A.	0.900	RMCD-4-TG-11-45L40K-DCC-DV-YB
	2	Type D	SINGLE	N.A.	0.900	CC-4-11-1-45L40K-DCC-1-DV-YB-
	27	Type E	SINGLE	N.A.	0.450	1403240902-001-4, MOD_ 6VL0D2027K_1500 Lumen
	9	Type F	SINGLE	N.A.	0.900	LBS-240LU-4K-WW16
	6	Type G1	SINGLE	N.A.	0.900	Eagle-EE-L12_5-120V-30K



ELECTRICAL 1ST FLR PHOTOMETRIC PLAN
SCALE 1/8" = 1' - 0"



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ELECTRICAL PHOTOMETRIC PLAN			
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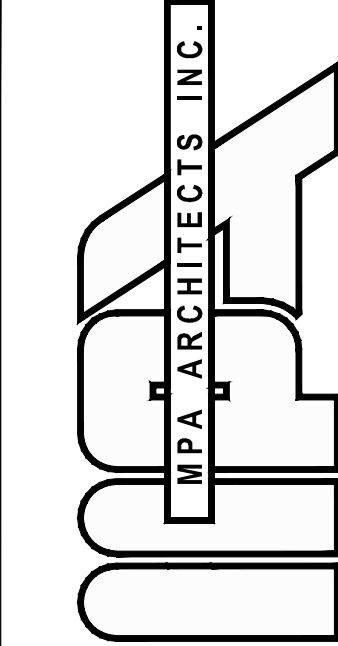
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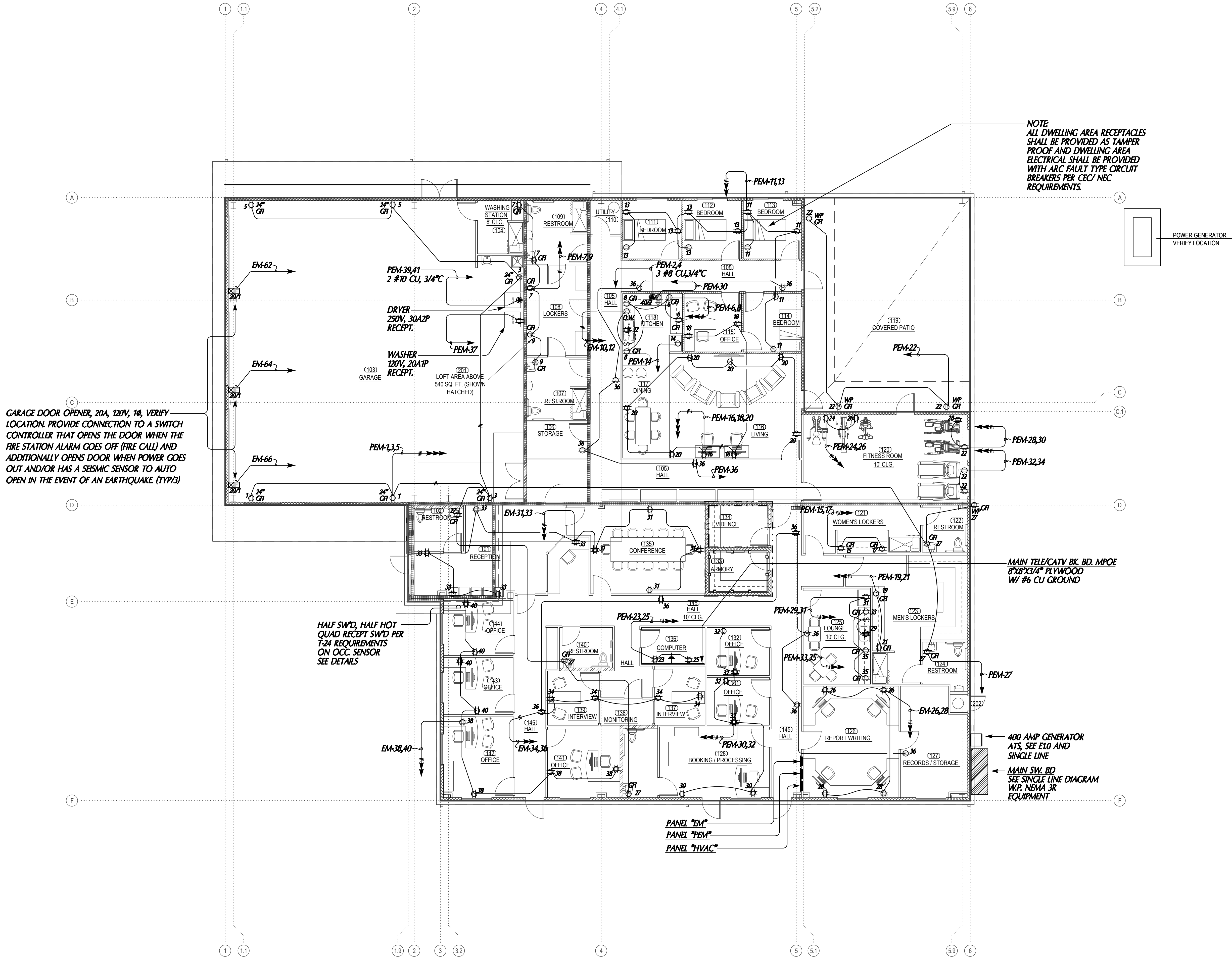
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GARAGE DOOR OPENER, 20A, 120V, 1Ø, VERIFY LOCATION. PROVIDE CONNECTION TO A SWITCH CONTROLLER THAT OPENS THE DOOR WHEN THE FIRE STATION ALARM GOES OFF (FIRE CALL) AND ADDITIONALLY OPENS DOOR WHEN POWER GOES OUT AND/OR HAS A SEISMIC SENSOR TO AUTO OPEN IN THE EVENT OF AN EARTHQUAKE (TYP/3)

HALF SWD, HALF HOT QUAD RECEPT SWD PER T-24 REQUIREMENTS ON OCC. SENSOR SEE DETAILS

NOTE:
ALL DWELLING AREA RECEPTACLES SHALL BE PROVIDED AS TAMPER PROOF AND DWELLING AREA ELECTRICAL SHALL BE PROVIDED WITH ARC FAULT TYPE CIRCUIT BREAKERS PER CEC/NEC REQUIREMENTS.

POWER GENERATOR
VERIFY LOCATION

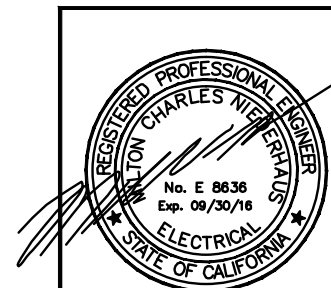
MAIN TELE/CATV BK. BD. MPOE
8'X8'X3/4" PLYWOOD
W/ #6 CU GROUND

400 AMP GENERATOR
ATS, SEE E1.0 AND
SINGLE LINE
MAIN SW. BD
SEE SINGLE LINE DIAGRAM
W/P. NEMA 3R
EQUIPMENT

PANEL "EM"
PANEL "PEM"
PANEL "HVAC"

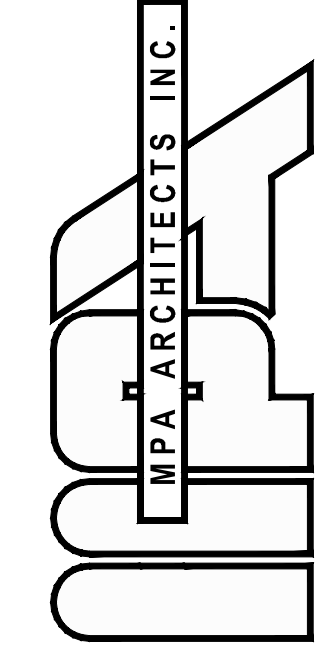
ELECTRICAL POWER PLAN

A



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SHEET TITLE
**ELECTRICAL
POWER PLAN**

DATE	TITLE	SCALE	TITLE
09/19/17	TITLE		TITLE
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PROJECT NO.	TITLE		

E3.0

PLOT DATE 09/19/17

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COMMUNICATIONS/ LOW VOLTAGE LEGEND	
WIFI	ONE CAT6 AT EACH WIFI LOCATION **CABLES TO BE LEFT ABOVE CEILING TERMINATED WITH MOD END AND 20' SERVICE LOOP AT LOCATION SHOWN**
X	X= NUMBER OF CAT6 AT EACH LOCATION
2 P/D	TWO CAT6 AT EACH PHONE/ DATA LOCATION
1 T.C.	ONE CAT6 AT EACH TIME CLOCK **HEIGHT TBD/ NEED ELECTRICAL AT LOCATION ALSO**
2 FAX	TWO CAT6 AT EACH FAX MACHINE LOCATION
2 PRINTER	TWO CAT6 AT EACH PRINTER LOCATION
2 @ TV	TWO CAT6 AT EACH PHONE LOCATION **HEIGHT TBD/ NEED ELECTRICAL AT LOCATION ALSO**
P	ONE CAT6 AT EACH PHONE LOCATION **HEIGHT TBD**
CAM	ONE CAT6 AT EACH BULLET CAMERA LOCATION **HEIGHT AND EXACT LOCATION TBD**
⊙	ONE CAT6 AT EACH DOME CAMERA LOCATION **HEIGHT AND EXACT LOCATION TBD**
KP	ONE CAT6 AT EACH KEYPAD LOCATION **HEIGHT TBD**
MDF/MPOE	MDF/MPOE LOCATION
SP	SPEAKER 8" **16/4 WIRE TO BE USED**
TC	ONE CAT6 AT EACH TIME CLOCK LOCATION **HEIGHT TBD/ NEED ELECTRICAL AT LOCATION ALSO**

ELECTRICAL LOW VOLTAGE PLAN

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ELECTRICAL LOW
VOLTAGE PLAN

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