

ELECTRICAL SYMBOL LIST

LIGHTING SYMBOLS

- FLOOD LIGHT
- POST TOP AREA LUMINAIRE
- AREA LUMINAIRE, POLE MOUNT

SWITCH SYMBOLS

- SWITCH, SPST +48" A.F.F.
- SWITCH, 3-WAY +48" A.F.F.
- SWITCH, MOMENTARY +48" A.F.F.
- SWITCH, DIMMER +48" A.F.F.
- SWITCH, TIMED +48" A.F.F.
- PHOTOCCELL CONTROL
- OCCUPANCY SENSOR CONTROL

SIGNAL SYMBOLS

- TELEPHONE OUTLET +18" A.F.F.
- DATA/TELEPHONE OUTLET +18" A.F.F.
- CCTV CAMERA
- INTRUSION SENSOR

FIRE ALARM SYMBOLS

- FIRE ALARM MANUAL PULL STATION, +48" A.F.F.
- FIRE ALARM BELL, +80" A.F.F.
- FIRE ALARM HORN/STROBE, +80" A.F.F.
- FIRE ALARM STROBE, +80" A.F.F.

NOTATIONS

- DRAWING NOTE
- DETAIL REFERENCE: TOP=DETAIL NO. BOTTOM=SHEET NO.
- MECHANICAL EQUIPMENT MARK NO. (SEE EQUIPMENT SCHEDULE)
- EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)

ABBREVIATIONS

- 'A' LIGHT FIXTURE TYPE (SEE FIXTURE LIST)
- A.F.F. ABOVE FINISHED FLOOR
- C CONDUIT
- CATV CABLE TELEVISION
- C.T. CURRENT TRANSFORMER
- (E) EXISTING
- FACP FIRE ALARM CONTROL PANEL
- G.F.I. GROUND FAULT INTERRUPTER
- GND GROUND
- HP HORSEPOWER
- I.G. ISOLATED GROUND
- JB JUNCTION BOX
- MCB MAIN CIRCUIT BREAKER
- MLO MAIN LUGS ONLY
- N.I.C. NOT IN CONTRACT
- N.L. NIGHT LIGHT
- P POLE
- PH PHASE
- T.V.S.S. TRANSIENT VOLTAGE SURGE SUPPRESSOR
- U.G. UNDERGROUND
- U.O.N. UNLESS OTHERWISE NOTED
- W WIRE
- W.P. WEATHERPROOF

POWER SYMBOLS

- RECEPTACLE, DUPLEX +18" A.F.F.
- RECEPTACLE, DUPLEX +6" ABV COUNTER
- RECEPTACLE, DUPLEX, PEDESTAL MOUNT
- RECEPTACLE, SPECIAL
- JUNCTION BOX
- TRANSFORMER
- DISCONNECT, NON-FUSED
- DISCONNECT, FUSED
- ELECTRICAL CONNECTION, SINGLE MOTOR
- ELECTRICAL DISTRIBUTION PANEL, SURFACE

WIRING SYMBOLS

- PANEL & CIRCUIT NUMBER
- HOMERUN TO PANEL
- CONDUCTOR SIZE (IF OTHER THAN #12)
- PHASE CONDUCTOR
- NEUTRAL CONDUCTOR
- GROUND CONDUCTOR
- CONCEALED CONDUIT
- CONDUIT SIZE
- CONDUIT (UNDER SLAB OR FLOOR)
- FLEXIBLE CONNECTION
- CONDUIT, STUBBED & CAPPED

ONE-LINE DIAGRAM SYMBOLS

- ELECTRICAL DISTRIBUTION PANELBOARD (MLO)
- ELECTRICAL DISTRIBUTION PANELBOARD (MCB)
- SUB-FEED CIRCUIT BREAKER
- CIRCUIT BREAKER (TRIP RATING & POLES AS INDICATED ON PLAN)
- GROUND GROUND SYSTEM (SIZE AS INDICATED ON PLAN)
- UTILITY METER & METER BASE
- UTILITY METER CURRENT TRANSFORMER
- FEEDER NO. (SEE FEEDER SCHEDULE)
- UTILITY CURRENT TRANSFORMER W/REMOVED METER
- RV TYPE POWER CONNECTION WITH UTILITY METER, BREAKERS & RECEPTABLES, SURFACE MOUNT NEMA 3R CABINET.

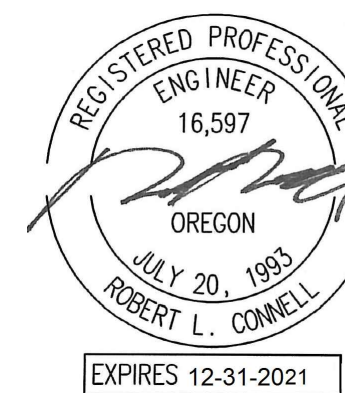
NOTE: SOME OF THE SYMBOLS AND ABBREVIATIONS ON THIS LIST MAY NOT APPLY TO THIS PROJECT.

LIGHTING FIXTURE LIST

TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
'A1' 'A1E'	LED 3000LM 3500K	LITHONIA (OR APPROVED OTHER)	CLX SERIES	TYPE :4FT LINEAR STRIP MOUNTING :SURFACE HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	FIXTURE TYPE BIE W/ BATTERY BACKUP
'B1' 'B1E'	LED 1000LM 3500K	LIGHTOLIER (OR APPROVED OTHER)	LR4 SERIES	TYPE :4" DIA DOWNLIGHT MOUNTING :RECESSED HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	FIXTURE TYPE BIE W/ BATTERY BACKUP TRIM FINISH PER ARCHITECT
'B2'	LED 1195LM 3500K	NEO-RAY (OR APPROVED OTHER)	S124DR SERIES	TYPE :2FT LINEAR STRIP MOUNTING :RECESSED HOUSING :STEEL LENS/REFL:FLAT ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	TRIM FINISH PER ARCHITECT
'EM'	LED	SURE-LITES (OR APPROVED OTHER)	SELW29 SERIES	TYPE :EMERGENCY LIGHT MOUNTING :SURFACE (+8"-0" MIN.) HOUSING :THERMOPLASTIC LENS/REFL : VOLTAGE :MVOLT BALLAST :NICKEL CADMIUM BATTERY	FINISH PER ARCHITECT
'P1'	LED 2000LM 4000K	BARN LIGHT ELECT. CO. (OR APPROVED OTHER)	BLE-G-WHS12 SERIES	TYPE :12" DIA. BARN LIGHT MOUNTING :SURFACE (+8"-0" MIN.) HOUSING :STEEL LENS/REFL:FLAT LENS W/ WIRE GUARD VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT MOUNT WITH GOOSE NECK ARM
'P2'	LED 4000LM 4000K	BARN LIGHT ELECT. CO. (OR APPROVED OTHER)	BLE-G-WHS20 SERIES	TYPE :20" DIA. BARN LIGHT MOUNTING :SURFACE (VERIFY HEIGHT) HOUSING :STEEL LENS/REFL:FLAT LENS W/ WIRE GUARD VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT MOUNT WITH GOOSE NECK ARM
'P3'	LED 3000LM 4000K	BARN LIGHT ELECT. CO. (OR APPROVED OTHER)	BLE-S-WHS16 SERIES	TYPE :16" DIA. BARN LIGHT MOUNTING :STEM HUNG (VERIFY HEIGHT) HOUSING :STEEL LENS/REFL:FLAT LENS W/ WIRE GUARD VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT VERIFY STEM LENGTH W/ ARCHITECT
'S1'	LED 6000LM 4000K	LSI LIGHTING (OR APPROVED OTHER)	XDLSB-5 SERIES	TYPE :AREA LIGHT MOUNTING :POLE MOUNT (+18"-0") HOUSING :STEEL LENS/REFL:FLAT LENS VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT PROVIDE W/SIDE ARM
'X1'	LED (GREEN)	SURE-LITES (OR APPROVED OTHER)	APXH7 SERIES	TYPE :COMBO EXIT LIGHT MOUNTING :UNIVERSAL HOUSING :THERMOPLASTIC LENS/REFL:FLAT LENS VOLTAGE :MVOLT BALLAST :NICKEL CADMIUM	FINISH PER ARCHITECT
'X2'	LED (GREEN)	SURE-LITES (OR APPROVED OTHER)	LPXW SERIES	TYPE :COMBO EXIT LIGHT MOUNTING :UNIVERSAL HOUSING :THERMOPLASTIC LENS/REFL:FLAT LENS VOLTAGE :MVOLT BALLAST :NICKEL CADMIUM	FINISH PER ARCHITECT WET LOCATION LISTED

GENERAL NOTES:

- A. ALL LIGHT FIXTURES SHALL HAVE ENERGY EFFICIENT LAMPING AND BALLASTS.
- B. LIGHT FIXTURES FOR LIVING UNITS SHALL BE "ENERGY STAR" RATED.
- C. EXTERIOR LIGHT FIXTURES SHALL BE "NIGHT SKY" FRIENDLY.
- D. VERIFY ALL FIXTURE FINISHES WITH ARCHITECT PRIOR TO BID.
- E. VERIFY ALL FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO BID.
- F. VERIFY ALL FIXTURE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH IN.
- G. ALL INTERIOR LIGHTING SHALL BE 3500 KELVIN AND EXTERIOR FIXTURES SHALL BE 4000 KELVIN UNLESS OTHERWISE NOTED.
- H. ALL PRODUCT SUBSTITUTIONS AND VALUE ENGINEERING SHALL BE SUBMITTED DURING BID PHASE, SHALL MEET DESIGN INTENT AND IS SUBJECT TO OWNER APPROVAL.
- I. IF NECESSARY, CONTRACTOR SHALL PROVIDE IC RATED BOXES FOR ANY APPROVED, SUBSTITUTED FIXTURES NOT MEETING INSULATED CEILING REQUIREMENTS.
- K. CONTRACTOR SHALL CONSULT MANUFACTURER INSTALLATION INSTRUCTIONS FOR ALL FIXTURES AND DEVICES AND INSTALL AS INSTRUCTED. THIS INCLUDES ALL ELECTRICAL COMPONENTS REQUIRED FOR COMPLETE INSTALLATION. WORK SHALL BE PERFORMED SUCH THAT MANUFACTURER WARRANTY IS NOT VOIDED.
- L. BUILDING MOUNTED EXTERIOR WALL LIGHTS TO BE CONTROLLED VIA ROOF MOUNTED PHOTOCCELL.



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ELECTRICAL
LEGEND &
SCHEDULES

E0.0

Drawn by: DMT

March 8, 2021

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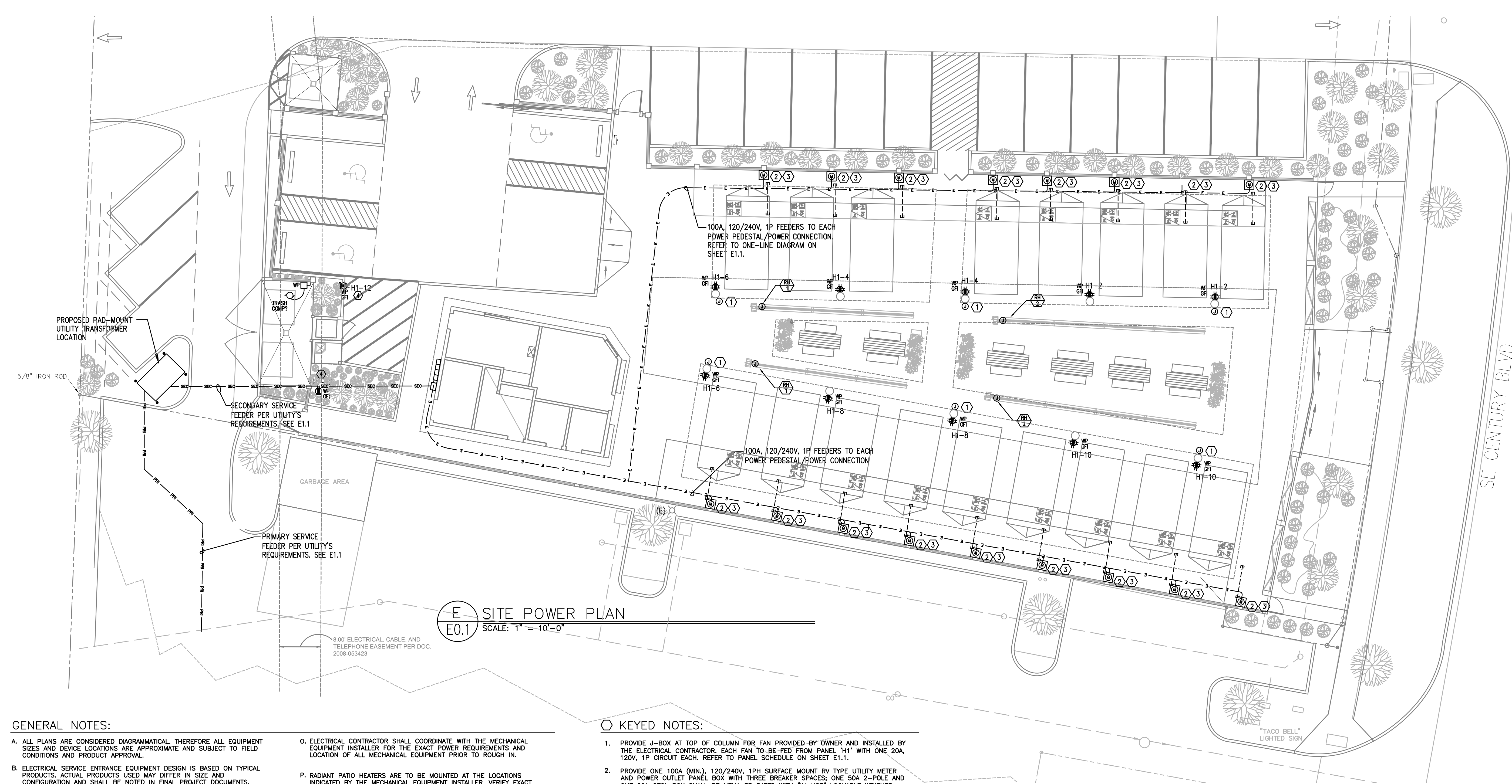
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SITE
POWER PLAN

E0.1

Drawn by: DMT

March 8, 2021



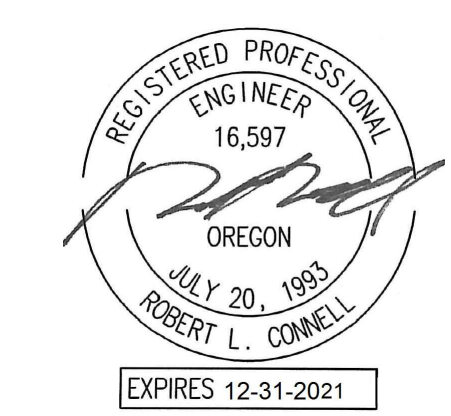
E SITE POWER PLAN
E0.1 SCALE: 1" = 10'-0"

GENERAL NOTES:

- A. ALL PLANS ARE CONSIDERED DIAGRAMMATICAL, THEREFORE ALL EQUIPMENT SIZES AND DEVICE LOCATIONS ARE APPROXIMATE AND SUBJECT TO FIELD CONDITIONS AND PRODUCT APPROVAL.
- B. ELECTRICAL SERVICE ENTRANCE EQUIPMENT DESIGN IS BASED ON TYPICAL PRODUCTS. ACTUAL PRODUCTS USED MAY DIFFER IN SIZE AND CONFIGURATION AND SHALL BE NOTED IN FINAL PROJECT DOCUMENTS.
- C. COORDINATE WITH LOCAL UTILITY PROVIDER FOR EXACT SERVICE CONDUIT AND CONDUCTORS REQUIREMENTS.
- D. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH PGE ELECTRICAL SERVICE REQUIREMENTS.
- E. U.G. PRIMARY FEEDER SHALL HAVE A MINIMUM 48 INCH BURY.
- F. U.G. SECONDARY FEEDER SHALL HAVE A MINIMUM 36 INCH BURY.
- G. REFER TO SHEET E1.1 FOR TYPICAL FEEDER SCHEDULE.
- H. SECONDARY CONDUIT SWEEPS SHALL BE MINIMUM 60 INCH RADIUS WITH A MINIMUM OR 7'-0" STRAIGHT CONDUIT RUN BETWEEN SWEEPS.
- I. LOCATION AND INSTALLATION OF THE PRIMARY AND SECONDARY CONDUITS, TRANSFORMER, ETC. SHALL BE PROVIDED PER PGE ELECTRICAL SERVICE REQUIREMENTS.
- J. REFER TO SHEET E2.0 FOR ELECTRICAL EQUIPMENT LAYOUT.
- K. CUSTOMER TO PROVIDE ALL TRENCHING AND BACKFILLING. TRENCH TO BE 36 INCHES DEEP AND 30 INCHES WIDE, MEASURED FROM FINAL GRADE.
- L. UTILITY PROVIDER'S CONDUCTORS TO BE INSTALLED IN GRAY SCHEDULE 40, ELECTRICAL GRADE, PVC CONDUIT WITH NYLON PULL STRINGS (MIN 500 LBS. TEST). UTILITY PROVIDER TO DETERMINE THE SIZE AND NUMBER OF CONDUITS REQUIRED. ALL ELBOWS TO BE 36 INCH (MIN) RADIUS. ALL BENDS MAY BE FACTORY MADE. IF MORE THAN 270 DEGREES OF BENDS OR IF RUN IS LONGER THAN 150 FEET, BENDS MUST BE RIGID STEEL.
- M. CONSULT WITH UTILITY PROVIDER'S REPRESENTATIVE 2 WEEKS BEFORE STARTING MAIN POWER TRENCHING FOR A PRE-CONSTRUCTION CONFERENCE. INCLUDED IN THIS CONFERENCE WILL BE EXCAVATOR, UTILITY PROVIDER, TELCO, CATV, AND GAS.
- N. CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES BEFORE TRENCHING. COORDINATE WITH CIVIL.

KEYED NOTES:

- O. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL EQUIPMENT INSTALLER FOR THE EXACT POWER REQUIREMENTS AND LOCATION OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN.
 - P. RADIANT PATIO HEATERS ARE TO BE MOUNTED AT THE LOCATIONS INDICATED BY THE MECHANICAL EQUIPMENT INSTALLER. VERIFY EXACT LOCATION AND POWER REQUIREMENTS PRIOR TO ROUGH IN.
 - Q. CONTRACTOR SHALL CONSULT PATIO HEATER MANUFACTURER DOCUMENTATION FOR ADDITIONAL INFORMATION PERTAINING TO INSTALLATION PRIOR TO ROUGH IN. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE MECHANICAL CONTRACTOR.
 - R. ANY EXPOSED CONDUIT SHALL BE ROUTED TIGHT TO STRUCTURE IN A NEAT AND CLEAN MANNER TO CONCEAL CONDUIT RUNS AS MUCH AS POSSIBLE.
1. PROVIDE J-BOX AT TOP OF COLUMN FOR FAN PROVIDED BY OWNER AND INSTALLED BY THE ELECTRICAL CONTRACTOR. EACH FAN TO BE FED FROM PANEL "H1" WITH ONE 20A, 120V, 1P CIRCUIT EACH. REFER TO PANEL SCHEDULE ON SHEET E1.1.
 2. PROVIDE ONE 100A (MIN), 120/240V, 1PH SURFACE MOUNT RV TYPE UTILITY METER AND POWER OUTLET PANEL BOX WITH THREE BREAKER SPACES; ONE 50A 2-POLE AND ONE 20A GFCI. BOX SHALL BE NEMA 3R RATED WITH "IN-USE" LOCKABLE WEATHER PROOF COVER. IT SHALL ALSO CONTAIN ONE NEMA 14-50R 50A TWIST LOCK RECEPTACLE AND ONE 20A GFCI RATED DUPLEX RECEPTACLE. PANEL SHALL BE MIDWEST GE M355G OR SIMILAR. ALL PRODUCT SUBMITTALS ARE SUBJECT TO APPROVAL.
 3. PROVIDE ONE EMPTY 3" SCHEDULE 40 PVC CONDUIT, ROUTED UNDERGROUND FROM EACH POWER CONNECTION POINT TO THE ASSOCIATED TRAILER SPACE FOR TENANT'S USE. EACH CONDUIT SHALL BE PROVIDED WITH A PULL STRING AND CAPPED AT BOTH ENDS.
 4. PROVIDE WEATHER PROOF, GFCI RATED 20A DUPLEX RECEPTACLE WITH LOCKING COVER AT POLE MOUNTED AREA LIGHT AND CIRCUIT AS NOTED.



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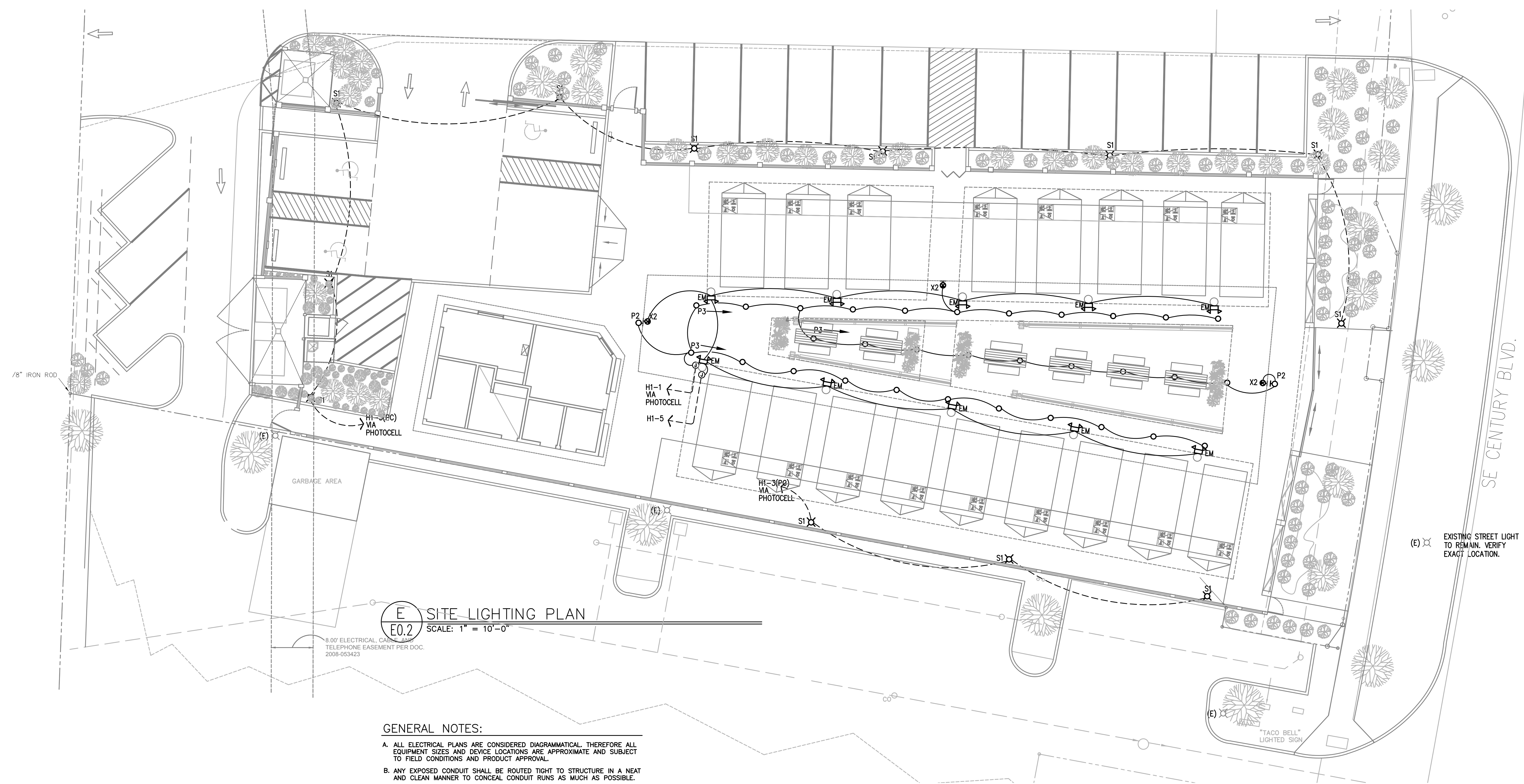
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SITE
LIGHTING PLAN

E0.2

Drawn by: DMT

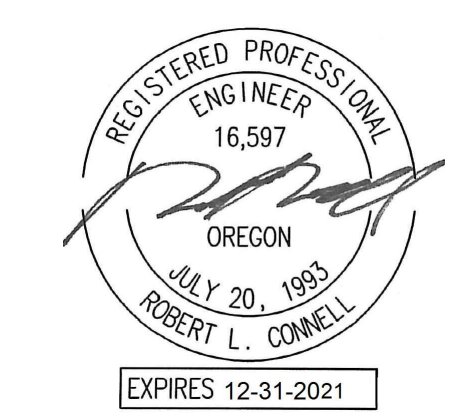
March 8, 2021



E SITE LIGHTING PLAN
E0.2 SCALE: 1" = 10'-0"

GENERAL NOTES:

- A. ALL ELECTRICAL PLANS ARE CONSIDERED DIAGRAMMATICAL. THEREFORE ALL EQUIPMENT SIZES AND DEVICE LOCATIONS ARE APPROXIMATE AND SUBJECT TO FIELD CONDITIONS AND PRODUCT APPROVAL.
- B. ANY EXPOSED CONDUIT SHALL BE ROUTED TIGHT TO STRUCTURE IN A NEAT AND CLEAN MANNER TO CONCEAL CONDUIT RUNS AS MUCH AS POSSIBLE.
- C. EXTERIOR BUILDING LIGHTS TO BE CIRCUITED FROM THE HOUSE BRANCH PANELS AS INDICATED AND CONTROLLED VIA PHOTOCELLS, EITHER INTEGRAL OR REMOTE, LIGHTING CONTROL SYSTEM AND/OR TIME CLOCK. VERIFY OWNER PREFERENCE PRIOR TO BID AND/OR ROUGH IN.
- D. EGRESS LIGHTING SHALL BE "ON" 24/7 AND PROVIDED WITH BATTERY BACK-UP.
- E. REFER TO SHEET E0.0 FOR LIGHT FIXTURE SCHEDULE. VERIFY ALL MOUNTING HEIGHTS, LOCATIONS AND FINISHES WITH ARCHITECT PRIOR TO THE START OF ANY WORK.
- F. ALL POLE MOUNTED AREA LIGHTS SHALL BE PROVIDED WITH INTEGRAL CONTROLS FOR DUSK-TILL-DAWN OPERATION AND 50% DIMMING DURING PERIODS OF LOW ACTIVITY.
- G. ALL PRODUCT SUBMITTALS AND PRODUCT SUBSTITUTIONS ARE SUBJECT TO APPROVAL.



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ELECTRICAL
ONE-LINE
DIAGRAM &
SCHEDULES

E1.1

Drawn by: DMT

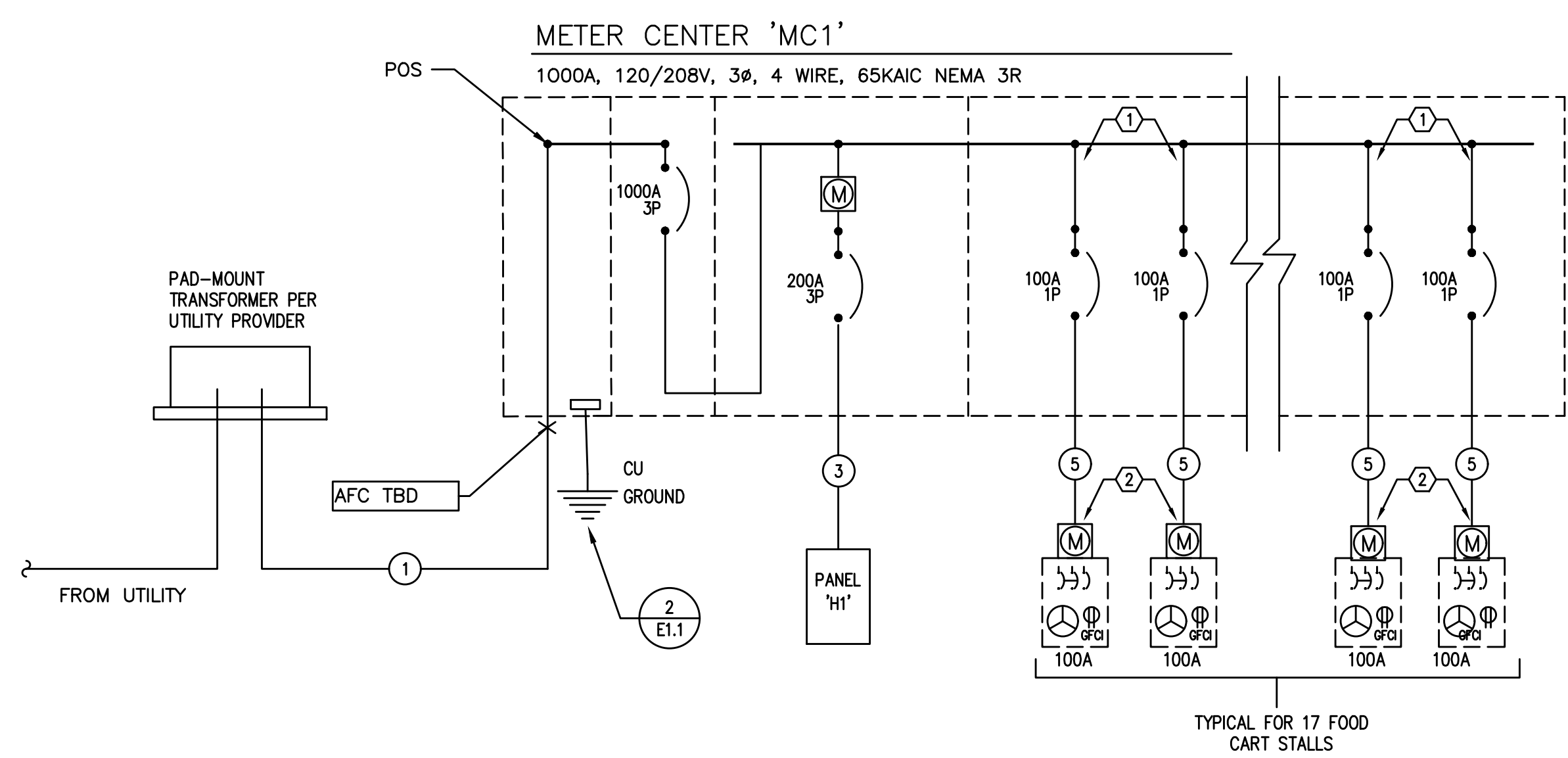
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FOODLANDIA ELECTRICAL SERVICE LOAD SUMMARY							
LOAD:	LIGHTS	RECEPT	HEAT	KITCHEN	EQUIP	MOTORS	LARGEST MOTOR
House panels H1/H2	3,500	9,360	1,000	5,000	2,000	16,476	
Food Cart Space #1							14,440
Food Cart Space #2							14,440
Food Cart Space #3							14,440
Food Cart Space #4							14,440
Food Cart Space #5							14,440
Food Cart Space #6							14,440
Food Cart Space #7							14,440
Food Cart Space #8							14,440
Food Cart Space #9							14,440
Food Cart Space #10							14,440
Food Cart Space #11							14,440
Food Cart Space #12							14,440
Food Cart Space #13							14,440
Food Cart Space #14							14,440
Food Cart Space #15							14,440
Food Cart Space #16							14,440
Food Cart Space #17							14,440
SUBTOTAL	3,500	9,360	1,000	5,000	2,000	16,476	245,480
X-FACTOR	1.25	1 + .5	1	0.65	1	1	0.25
CODE LOAD:	4,375	9,360	1,000	3,250	2,000	16,476	245,480

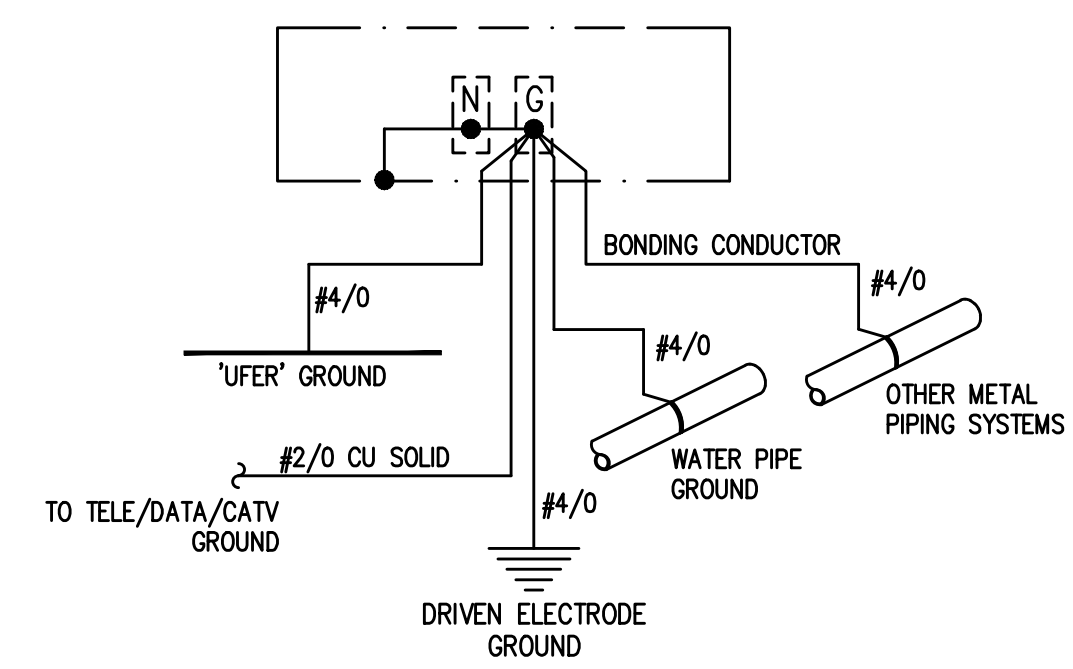
CONN LOAD:	283 KVA
VOLTS:	208 3ph
TOTAL CALC:	282 KVA
CALC AMPS:	783 AMPS

10/15/2021

MFIA PANEL SCHEDULE											
panel H1 (PLAZA)		mounting SURFACE		location UTILITY RM		connected load amps		108			
120/208V		phase 3		bus & main 200A		MCB		calculated load amps			
C	service	va	a/p	no.	a b c	no.	a/p	va	service	C	
1	LIGHTS	1284	20/1	1	*	2	20/1	900	RECEPTACLES	2	
1	LIGHTS	840	20/1	3	*	4	20/1	900	RECEPTACLES	2	
	SPARE	0	20/1	5	*	6	20/1	900	RECEPTACLES	2	
3	RH-1 (GAS)	500	20/1	7	*	8	20/1	900	RECEPTACLES	2	
3	RH-2 (GAS)	500	20/1	9	*	10	20/1	900	RECEPTACLES	2	
8	OUTDOOR FAN	1500	20/1	11	*	12	20/1	900	RECEPTACLES	2	
6	OUTDOOR FAN	1500	20/1	13	*	14	20/1	1260	RECEPTACLES	2	
6	OUTDOOR FAN	1500	20/1	15	*	16	20/1	1260	RECEPTACLES	2	
6	OUTDOOR FAN	1500	20/1	17	*	18	20/1	720	RECEPTACLES	2	
6	OUTDOOR FAN	1500	20/1	19	*	20	20/1	720	RECEPTACLES	2	
6	OUTDOOR FAN	1500	20/1	21	*	22	20/1	720	RECEPTACLES	2	
1	LIGHTS - EXTERIOR	270	20/1	23	*	24	20/1	0	SPARE		
1	LIGHTS - INTERIOR + EF-2	280	20/1	25	*	26	30/3	2100	TRASH COMPACTOR	6	
1	LIGHTS - INTERIOR + EF-1	210	20/1	27	*	28	*	2100	*	6	
3	IHP-1/OHP-1	1643	20/2	29	*	30	*	2100	*	6	
3		1643	*	31	*	32	30/2	2250	WH-1	3	
5	PHONE BOARD	500	20/1	33	*	34	*	2250	*	3	
	BLANK			35	*	36	20/1	1176	RP-1	6	
	BLANK			37	*	38			BLANK		
	BLANK			39	*	40			BLANK		
	BLANK			41	*	42			BLANK		
Phase A		14797 VA		NOTES:				line-line voltage			
Phase B		13180 VA						208			
Phase C		10709 VA						largest motor (va)			
Total Connected		38686 VA						0			
load code:		ph. A	ph. B	ph. C	total	factor	calculated load (va)				
1. LIGHTS=	1524	1050	270	VA	2844	1.25	3555				
2. RECEPT =	3780	3780	2520	VA	10080	1 + 0.5	10040				
3. HEATING=	4393	2750	1643	VA	8786	1.00	8786				
4. KITCHEN=	0	0	0	VA	0	1.00	0				
5. EQUIP =	0	500	0	VA	500	1.00	500				
6. MOTORS=	5100	5100	6276	VA	16476	*	16476				
7. MISC=	0	0	0	VA	0	1.00	0				
(* 125% of the largest motor + 100% of the balance)		TOTAL =						39357			



1 ELECTRICAL ONE-LINE DIAGRAM
E1.1 208Y/120V, 3P, 4W



2 TYPICAL GROUNDING DETAIL
E1.1 N.T.S.

FEEDER SCHEDULE (COPPER)				
NO.	AMPS	CONDUIT	CONDUCTOR	
1	1000A	(4) 4"	PER UTILITY CO.	& GND
2	1000A	(4) 4"	(4) #600CMIL	& (1) #4/0 GND
3	200A	2"	(4) #3/0	& (1) #6 GND
4	100A	1 1/2"	(4) #1	& (1) #8 GND
5	100A	1 1/2"	(3) #1	& (1) #8 GND

* PARALLEL FEEDERS PER UTILITY PROVIDER'S DIRECTION.

ONE-LINE GENERAL NOTES:

- A. COORDINATE ALL WORK ASSOCIATED WITH ELECTRIC SERVICE WITH LOCAL UTILITY. PROVIDE ALL CONDUIT, GROUNDING, TRANSFORMER VAULT/PAD, ETC., IN ACCORDANCE WITH SERVING UTILITY REQUIREMENTS.
- B. COORDINATE METERING REQUIREMENTS WITH UTILITY.
- C. FOR LOAD CENTER FEEDER LENGTHS GREATER THAN 145'-0" FROM METER CENTER, INCREASE WIRE SIZE AS REQUIRED FOR VOLTAGE DROP.
- D. PER NEC 240.87, THE ELECTRICAL CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR ARC ENERGY REDUCTION DEVICE(S) FOR CIRCUIT BREAKERS 1200A OR GREATER. CONTRACTOR SHALL PROVIDE AN ENERGY-REDUCING ACTIVE FLASH MITIGATION SYSTEM OR OTHER METHOD APPROVED BY THE NEC.
- E. BRANCH CIRCUIT BREAKERS EXPOSED TO FAULT CURRENTS HIGHER THAN THEIR AIC RATING SHALL BE SERIES-RATED, UNLESS OTHERWISE NOTED. CIRCUIT BREAKER/CIRCUIT BREAKER AND FUSE/CIRCUIT BREAKER COMBINATIONS FOR SERIES CONNECTED INTERRUPTING RATINGS SHALL BE LISTED BY UL AS RECOGNIZED COMPONENT COMBINATIONS. ANY SERIES RATED COMBINATION USED SHALL BE MARKED ON THE END USE EQUIPMENT ALONG WITH THE STATEMENTS "CAUTION - SERIES RATED SYSTEM. _____A AVAILABLE. IDENTICAL REPLACEMENT COMPONENT REQUIRED".

MECHANICAL EQUIPMENT SCHEDULE									
NO.	EQUIPMENT NAME	HP/KW	VOLTS	PH	AMPS	CONDUIT	WIRE	GND	CIRCUIT
EF-1	EXHAUST FAN NO. 1	1/6HP	120	1		1/2"	#12	#12	SEE E2.0
EF-2	EXHAUST FAN NO. 2	7.8W	120	1		1/2"	#12	#12	SEE E2.0
EH-1	ELECT. HEATER NO. 1	1000W	120	1		1/2"	#12	#12	SEE E2.0
EH-2	ELECT. HEATER NO. 2	500W	120	1		1/2"	#12	#12	SEE E2.0
IHP-1	SPLIT SYST NO. 1 A&B (INDOOR)		208	1		1/2"	#12	#12	INTERCONNECT W/ OHP
OHP-1	SPLIT SYST NO. 1 (OUTDOOR)		208	1	15.8	1/2"	#12	#12	H2-7,9
RH-1	RADIANT HEATER NO. 1 (GAS)	5W	120	1		1/2"	#12	#12	H1-7
RH-2	RADIANT HEATER NO. 2 (GAS)	5W	120	1		1/2"	#12	#12	H1-9
RP-1	RECIRC. PUMP NO. 1	1/2HP	120	1		1/2"	#12	#12	H2-18
WH-1	WATER HEATER NO. 1	4.5KW	208	1		1/2"	#12	#12	H2-14,16

GENERAL EQUIPMENT NOTES:

- A. CONTRACTOR/DESIGNER SHALL VERIFY ALL MECHANICAL EQUIPMENT CONNECTION LOAD REQUIREMENTS WITH THE MECHANICAL EQUIPMENT PROVIDER PRIOR TO ROUGH IN.
- B. MECHANICAL EQUIPMENT SIZES SHOWN IN THE MECHANICAL SCHEDULE ABOVE ARE FOR REFERENCE ONLY AND MAY NOT REFLECT THE ACTUAL EQUIPMENT TO BE INSTALLED.

KEYED ONE-LINE NOTES:

- 1. UTILITY DISCONNECT WITH REMOTE UTILITY METER SOCKET LOCATED AT EACH FOOD TRUCK SPACE.
- 2. RV TYPE POWER CONNECTION WITH INTEGRAL REMOTE UTILITY METER (PER UTILITY PROVIDER'S REQUIREMENTS), TO BE INSTALLED AT EACH FOOD TRUCK SPACE. REFER TO THE ELECTRICAL SITE PLAN ON SHEET E0.1 FOR ADDITIONAL INFORMATION.



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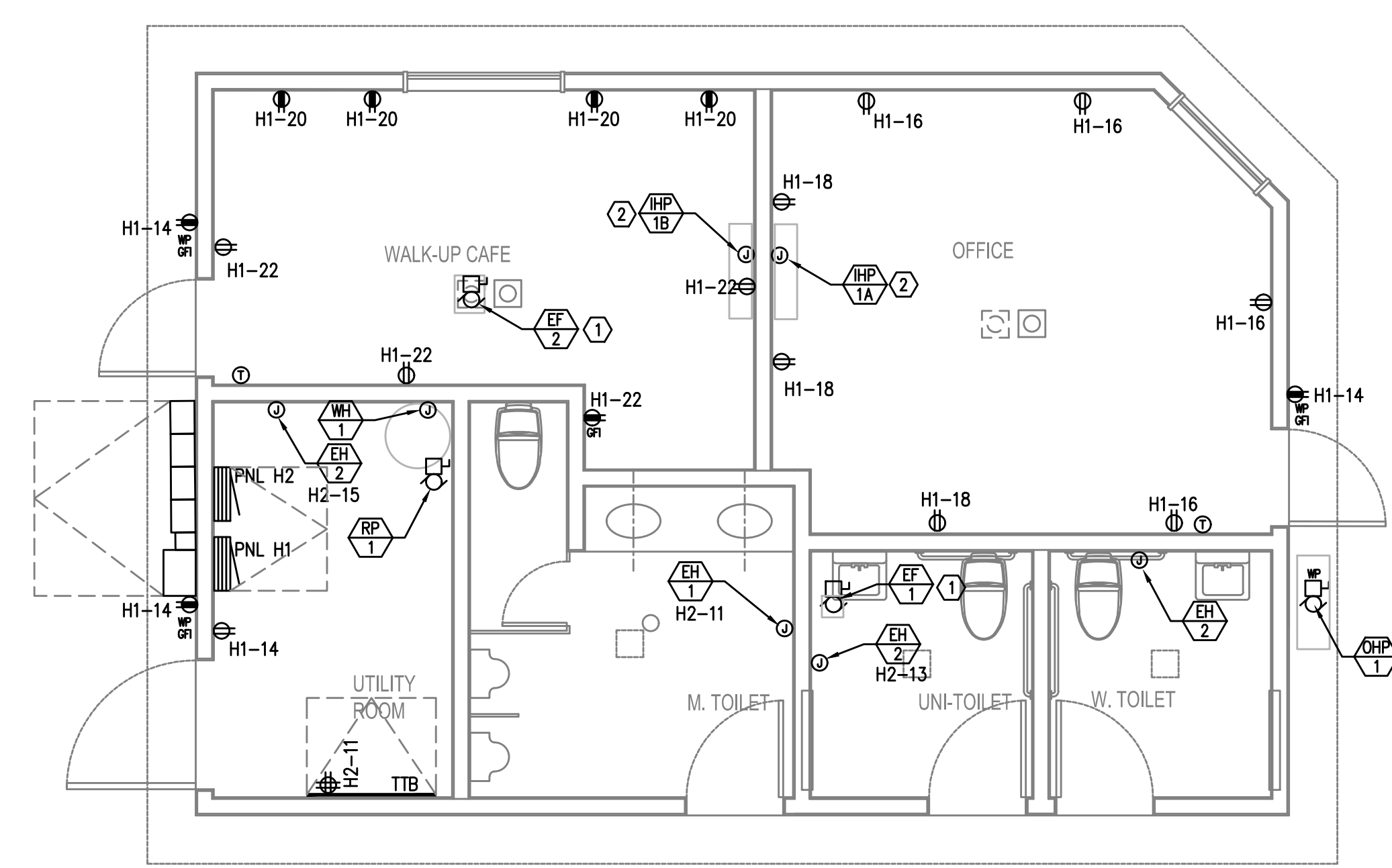
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ACCESSORY BUILDING
POWER & LIGHTING
PLANS

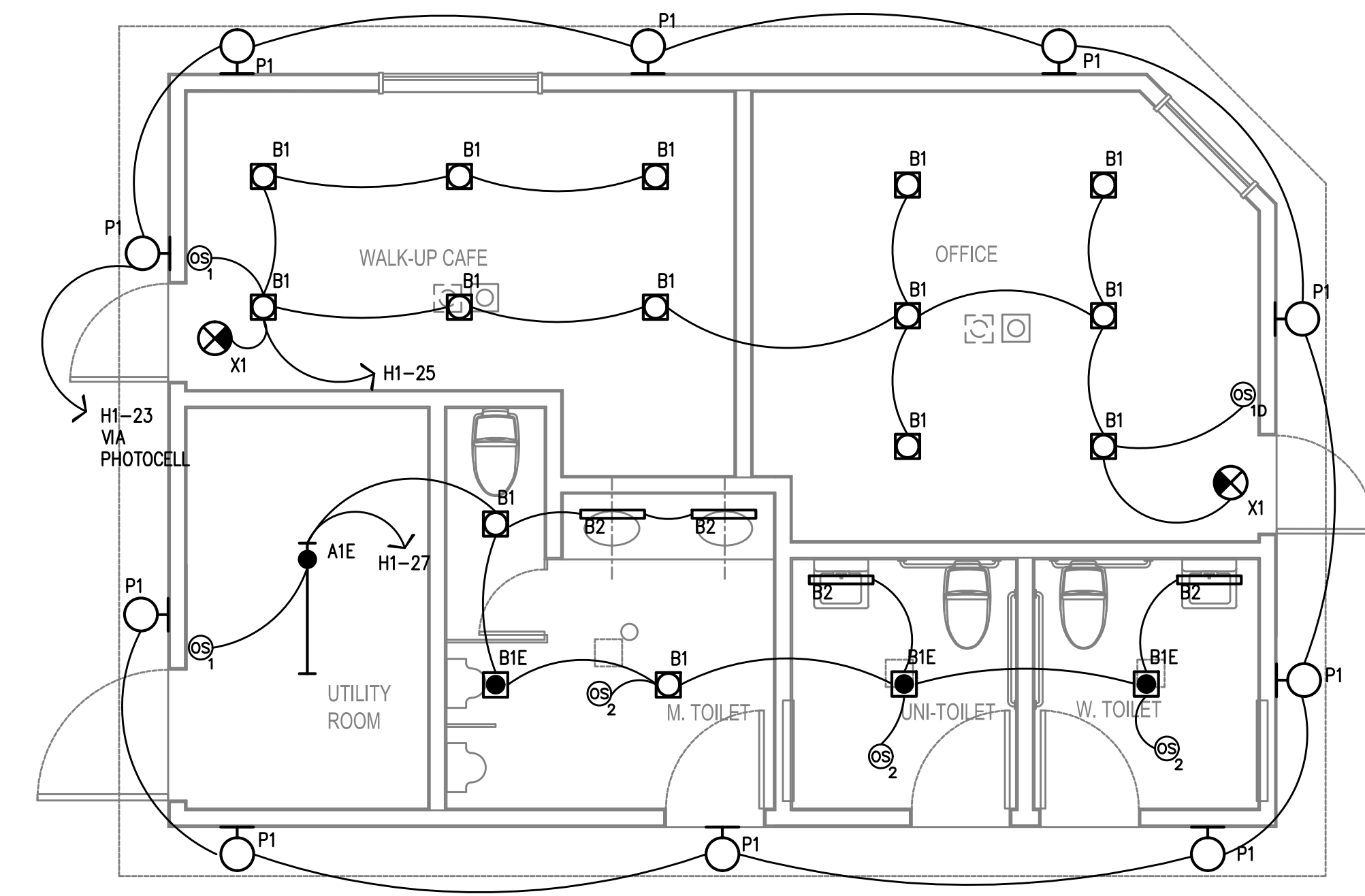
E2.0

Drawn by: DMT

March 8, 2021



1 ACCESSORY BUILDING - POWER PLAN
E2.0 SCALE: 1/4" = 1'-0"



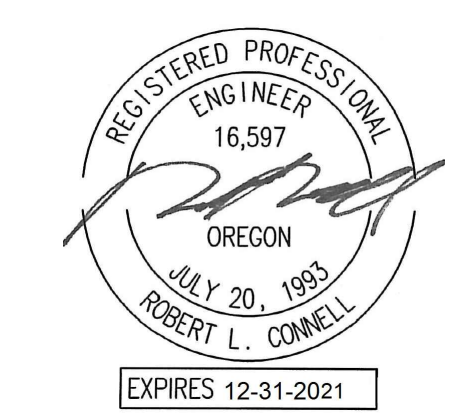
2 ACCESSORY BUILDING - LIGHTING PLAN
E2.0 SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES.
- C. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- D. COORDINATE WITH DIVISION 23 FOR EXACT LOCATION AND POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN. REFER TO SHEET E0.0 FOR MECHANICAL EQUIPMENT SCHEDULE.
- E. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE MECHANICAL PLAN SHEETS AND COORDINATE WITH THE MECHANICAL INSTALLER TO AVOID CONFLICTS BETWEEN HVAC EQUIPMENT AND LIGHT FIXTURES WITHIN THE APARTMENT UNITS.
- F. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS AS REQUIRED. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN. VERIFY THAT THE MECHANICAL CONTRACTOR PROVIDES THE THERMOSTAT THEY SPECIFY IN THEIR PROJECT DOCUMENTS.
- G. FIRE ALARM & DETECTION SYSTEMS ARE TO BE DESIGNED AND INSTALLED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE FIRE ALARM SYSTEM DESIGNER FOR EXACT LOCATIONS AND PROVIDE ROUGH IN ONLY.
- H. LOW VOLTAGE SYSTEMS ARE TO BE DESIGNED AND INSTALLED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE SERVICE PROVIDER FOR EXACT LOCATIONS AND PROVIDE ROUGH IN ONLY.
- I. REFER TO SHEET E0.0 FOR LIGHT FIXTURE SCHEDULE.
- J. ALL LIGHT SWITCHES SHALL BE ROCKER STYLE, SUCH AS LEVITON DECORA, OR APPROVED EQUAL.
- K. BUILDING MOUNTED EXTERIOR LIGHTS SHALL BE CIRCUITED AS INDICATED, VIA ROOF MOUNTED OR INTEGRAL PHOTOCCELL FOR DUSK-TILL-DAWN OPERATION, UNLESS OTHERWISE NOTED.

KEYED NOTES:

- 1. EXHAUST FAN TO BE TIED INTO THE LIGHT SWITCH IN THAT SPACE.
- 2. INTERIOR HVAC UNIT TO BE MOUNTED AT MECHANICAL EQUIPMENT INSTALLER FOR



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