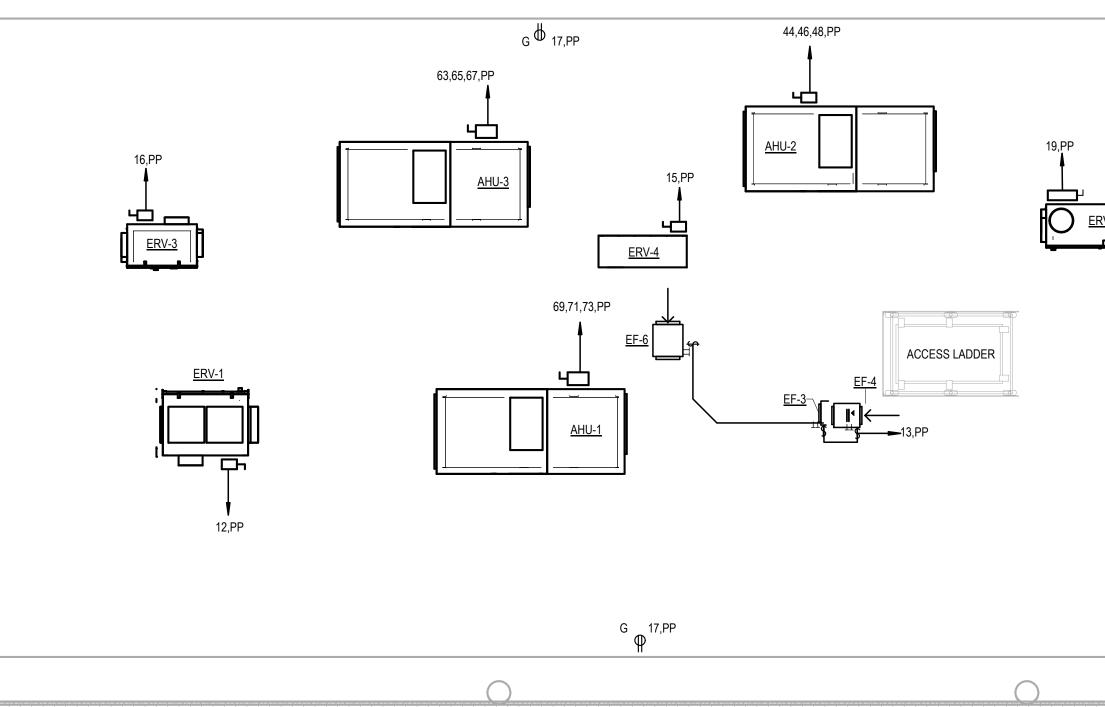


Project Title: New Animal Facility at: Montville Animal Shelter 225 Maple Ave. Montville, CT



1 ELECTRICAL ATTIC POWER PLAN 1/4" = 1'-0"



SILVER PETRUCELLI + ASSOCIATES

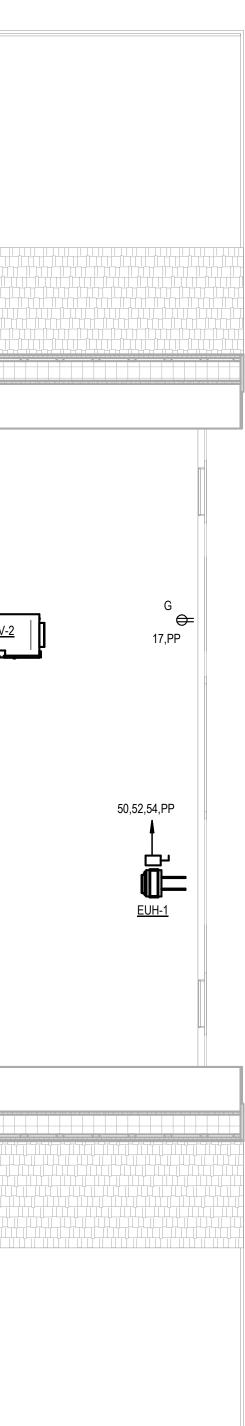
Description:

Revision:

Revised By:

Date:

3190 WHITNEY AVENUE HAMDEN CT 06518 311 STATE STREET NEW LONDON CT 06320 203 230 9007 silverpetrucelli.com



GENERAL POWER NOTES

- ALL WORK SHALL CONFORM WITH THE ELECTRICAL SPECIFICATIONS AND LATEST ACCEPTED NATIONAL ELECTRICAL CODE (NEC).
- ALL ELECTRICAL EQUIPMENT INCLUDED BUT NOT LIMITED TO ELECTRICAL PANELS, DISCONNECTS, STARTERS AND VFD TO BE INSTALLED INSIDE SHALL BE MOUNTED ON 3/4" FIRE RATED PLYWOOD BACKBOARD TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
- PROVIDE UNISTRUT AS REQUIRED TO INSTALL DISCONNECT, VFD OR STARTER NEAR EQUIPMENT AND ACCESSIBLE.
- FINAL LOCATION OF POWER SHALL BE COORDINATED WITH EQUIPMENT.
- PROVIDE UNISTRUT AS REQUIRED TO INSTALL DISCONNECT MEANS NEAR EQUIPMENT AND ACCESSIBLE.
- REFER TO ONE-LINE RISER DIAGRAM ON SHEET E600 FOR ADDITONAL INFORMATION ON ELECTRICAL EQUIPMENT AND DISTRIBUTION.

Date: 09/29/2023 Scale: AS NOTED Drawn By: JRP Project Number: 22.130





Branch Panel: PP Location: MECH 106

Supply From: Mounting: Surface Enclosure: Type 1

Volts: 120/208 Phases: 3 Wires: 4

		closure: Type 1							
	: DATE WIRE SIZE AS REQU NELBOARD SHALL BE CU						LUGS.		
скт	Circuit Description	Wire & Conduit	Trip	Poles		A		3	Τ
1	EF-1, EF-2 & EF-5	3/4"C, 2#12, 1#12G	20 A	1	300	500	-		
3	Electric Water Cooler	3/4"C, 2#12, 1#12G	20 A	1		000	300	350	+
5	Lighting	3/4"C, 2#12, 1#12G	20 A	1				000	T
7	Lighting	3/4"C, 2#12, 1#12G	20 A	1	860	1260			t
9	Lighting	3/4"C, 2#12, 1#12G	20 A	1			680	1080	t
11	Power Receptacles	3/4"C, 2#12, 1#12G	20 A	1					Γ
13	EF-3, EF-4 & EF-6	3/4"C, 2#12, 1#12G	20 A	1	1500	1500			
15	ERV-4	3/4"C, 2#12, 1#12G	20 A	1			1200	2184	t
17	Power Receptacles	3/4"C, 2#12, 1#12G	20 A	1					Г
19	ERV-2	3/4"C, 2#10, 1#10G	25 A	1	2184	200			
21	Heat Trace Control	3/4"C, 3#12, 1#12G	20 A	2			1664	720	t
23									Г
25	Power Receptacles	3/4"C, 2#12, 1#12G	20 A	1	720	1664			t
27	Dryer Machine	1"C, 3#8, 1#10G	40 A	2			2500	1080	+
29	,								Г
31	Power Receptacles	3/4"C, 2#12, 1#12G	20 A	1	1080	1500			t
33	Refrigerator	3/4"C, 2#12, 1#12G	20 A	1			1500	1500	t
35	Washer Machine	3/4"C, 2#12, 1#12G	20 A	1					Г
37	Electric Wall Heater	3/4"C, 2#12, 1#12G	20 A	1	1500	1800			t
39	ASHP-3	3/4"C, 3#10, 1#10G	25 A	3			1800	1800	t
41									T
43					1800	1800			+
45	ASHP-1	1"C, 3#8, 1#10G	40 A	3			2400	1800	+
47									E
49					2400	2500			
51	VRF-1	1"C, 3#8, 1#10G	40 A	3			3456	2500	
53									Ē
55					3456	0			
57	Spare		20 A	1			0	0	+
59	Spare		20 A	1					Г
61	Site Lighting		20 A	1	162	0			
63	AHU-3	1"C, 3#6, 1#10G	45 A	3			4320	500	T
65									Г
67					4320	6000			
69	AHU-1	1-1/4"C, 3#3, 1#8G	80 A	3			7320	6000	
71									Г
73					7320	0			
75	Spare		20 A	1			0	0	
77	Spare		20 A	1					
79	Spare		20 A	1	0	0			
81	Spare		20 A	1			0	0	T
83	Spare		20 A	1					
			Tota	I Load:	4632	26 VA	4663	7 VA	
			Total	Amps:	38	6 A	38	9 A	-
Legen	ld:								
Load	Classification		Co	onnecte	d Load	De	mand Fa	ctor	Γ
Lightin			+	2442			125.00%		+

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
Lighting	2442 VA	125.00%	3053 VA		
Other	8200 VA	104.57%	8575 VA	Total Conn. Load:	139649 VA
Power	127012 VA	100.00%	127012 VA	Total Est. Demand:	140717 VA
Lighting - Exterior	350 VA	125.00%	438 VA	Total Conn. Current:	388 A
				Total Est. Demand Current:	391 A

Notes:

3. PROVIDE HACR BREAKER TO SUIT HEATING, AIR CONDITION AND REFRIGERATOR EQUIPMENT. 4. PROVIDE CIRCUIT BREAKER LOCK TO SUIT CIRCUIT SERVING EMERGENCY INVERTER CABINET AND RELAY. 5.PROVIDE 3/4"C, 2#12, 1#12G FOR ALL 20A-1P CKT. WIHOUT WIRE AND CONDUIT INFORMATION.

				E	EQUIPM	ENT SC	HEDULE			
SYMBOL	VOLTAGE	PHASE	FLA	DISCONNECT SWITCH	BREAKER	PANEL	CONDUIT & WIRE	CONNECTION	LOCATION	NOTES
ASHP-1	208	3	20	60A-3P	40A-3P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	EXTERIOR	-
ASHP-2	208	3	15	30A-3P	25A-3P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	EXTERIOR	-
ASHP-3	208	3	15	30A-3P	25A-3P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	EXTERIOR	-
AHU-1	208	3	61	100A-3P	80A-3P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
AHU-2	208	3	15	30A-3P	25A-3P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
AHU-3	208	3	36	60A-3P	45A-3P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
FCU 1-1 THRU 1-4	208	1	2	30A-2P	20A-2P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC SWITCH	SEE DRAWING E200	-
EF-1	120	1	2	30A-1P	20A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	SEE DRAWING E200	-
EF-2	120	1	4.4	30A-1P	20A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
EF-3	120	1	4.4	30A-1P	20A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
EF-4	120	1	4.4	30A-1P	20A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
EF-5	120	1	1	30A-1P	20A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	SEE DRAWING E210	-
EF-6	120	1	6	30A-1P	20A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
ERV-1	120	1	14	30A-1P	20A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
ERV-2	120	1	15	30A-1P	25A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
ERV-3	120	1	15	30A-1P	25A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
ERV-4	120	1	8	30A-1P	20A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
EUH-1	208	3	21	30A-3P	30A-3P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
EWH-1 THRU 4	120	1	12.5	30A-1P	20A-1P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	SEE DRAWING E210	-
VFR-1	208	1	28	60A-3P	40A-3P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	ATTIC	-
HWH-1	208	3	50	60-3P	70A-3P	PP	SEE PNL. SCHEDULE	HARD-WIRED DISC. SWITCH	MECHANICAL ROOM 106	-

NOTES:

1. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR QUANITITY. 2. PROVIDE ANY 120V WIRING REQUIRED TO INTERLOCK EQUIPMENT WITH HVAC CONTROL.

3. UPGRADE WIRE SIZE AS REQUIRED TO MAINTAIN 3% MAXIMUM VOLTAGE DROP. 4. CONNECT EXHAUST FAN IN TOILET, GROOMING AND MECHANICAL ROOM WITH LOCAL LIGHT SWITCH.

3 Wye	A.I.C. Rating: 42,000
	Mains Type: MLO
	Mains Rating: 400 A
	MCB Rating: 0 A

		C	Poles	Trip	Wire & Conduit	Circuit Description	скт
			1	20 A	3/4"C, 2#12, 1#12G	Inverter Cabinet	2
			1	20 A	3/4"C, 2#12, 1#12G	Lighting - Exterior	4
	336	566	1	20 A	3/4"C, 2#12, 1#12G	Lighting	6
			1	20 A	3/4"C, 2#12, 1#12G	Power Receptacles	8
			1	20 A	3/4"C, 2#12, 1#12G	Power Receptacles	10
	900	2160	1	20 A	3/4"C, 2#12, 1#12G	ERV-1	12
			1	20 A	3/4"C, 2#12, 1#12G	Electric Wall Heater	14
			1	25 A	3/4"C, 2#10, 1#10G	ERV-3	16
	720	200	2	20 A	3/4"C, 2#12, 1#12G	Fan Coil Units	18
							20
			1	20 A	3/4"C, 2#12, 1#12G	Power Receptacles	22
	1664	1664	2	20 A	3/4"C, 3#12, 1#12G	Heat Trace Control	24
							26
			1	20 A	3/4"C, 2#12, 1#12G	Power Receptacles	28
	2500	1080	1	20 A	3/4"C, 2#12, 1#12G	Power Receptacles	30
			1	20 A	3/4"C, 2#12, 1#12G	Microwave	32
			1	20 A	3/4"C, 2#12, 1#12G	Electric Wall Heater	34
	1500	1500	1	20 A	3/4"C, 2#12, 1#12G	Electric Wall Heater	36
			3	25 A	3/4"C, 3#10, 1#10G	ASHP-2	38
							40
	1800	1800					42
			3	25 A	3/4"C, 3#10, 1#10G	AHU-2	44
							46
	2400	1800					48
			3	30 A	3/4"C, 3#10, 1#10G	EUH-1	50
							52
	3456	2500					54
			1	20 A		Spare	56
			1	20 A		Spare	58
	0	500	1	20 A		Emergency Relay	60
			1	20 A		Emergency Relay	62
			1	20 A		Emergency Relay	64
	4320	500	1	20 A		Emergency Relay	66
			3	70 A	1-1/4"C, 3#4, 1#8G	Hot Water Heater	68
							70
_	7320	6000					72
	1020		1	20 A		Spare	74
			1	20 A		Spare	76
	0	0	1	20 A		Spare	78
	J		1	20 A		Spare	80
			1	20 A		Spare	82
	0	0	1	20 A		Spare	84
	-	6 VA		2070		opuio	
			4				

394 A

			L			E	ELECTRICAL		
DESIGNATION	DESCRIPTION	MANUFACTURER/ MODEL NUMBER	TYPE	COLOR TEMP	NO	DRIVER	VOLTAGE	WATTS	NOTES
A	2' X 2' RECESSED LED EDGE LIT FLAT PANEL WITH ACRYLIC BLEND FROSTER LENS AND SWITCHABLE LUMEN TECHNOLOGY	COLUMBIA CF22-40/33/2835	LED	4000K		ELECTRONIC	120	40	
A/EM	SAME AS TYPE - A INTERCONNECTED WITH EMERGENCY INVERTER CABINET VIA RELAY	COLUMBIA CF22-40/33/2835	LED	4000K		ELECTRONIC	120	40	
B2	2' LENGTH SURFACE MOUNTED LED GASKETED LINEAR RATED FOR EXTREME ENVIROTMENT AND WITH RIBBED FROSTED ACRYLIC LENS	COLUMBIA LXEM2-40LW-RFA-ED-U	LED	4000K		DIMMING	120	26	
B4	4' LENGTH SURFACE MOUNTED LED GASKETED LINEAR RATED FOR EXTREME ENVIROTMENT AND WITH RIBBED FROSTED ACRYLIC LENS	COLUMBIA LXEM4-40ML-RFA-ED-U	LED	4000K		DIMMING	120	42	
B4/EM	SAME AS TYPE - B4 INTERCONNECTED WITH EMERGENCY INVERTER CABINET VIA RELAY	COLUMBIA LXEM4-40ML-RFA-ED-U	LED	4000K		DIMMING	120	42	
B8	8' LENGTH SURFACE MOUNTED LED GASKETED LINEAR RATED FOR EXTREME ENVIROTMENT AND WITH RIBBED FROSTED ACRYLIC LENS	COLUMBIA LXEM8-40ML-RFA-ED-U	LED	4000K		DIMMING	120	84	
С	6" DIAMETER RECESSED LED DOWNLIGHT	PRESCOLITE LFR-6RD-M-20L40K8-WD	LED	4000K		ELECTRONIC	120	14.6	
C1	6" DIAMETER RECESSED LED SHOWER DOWNLIGHT WITH LENS	PRESCOLITE LTR-6RD (SH)-H-SL15L	LED	4000K		DIMMING	120	18.7	
C2	6" DIAMETER ADJUSTABLE RECESSED LED DOWNLIGHT	PRESCOLITE LTR-6RD-H-SL15L / LTR-6RD-T-SL40K8	LED	4000K		DIMMING	120	18.7	
Х	EDGE-LIT LED EXIT SIGN	DUAL LITE LE-S-R-X-W-AC-I	LED	-	-	-	120	2.2	1
X1	EDGE-LIT LED EXIT SIGN WITH ARROW	DUAL LITE LE-S-R-L-W-AC-I	LED	-	-	-	120	2.2	1
X2	EXIT LED SIGN WITH POLYCARBONTE HOUSING AND RATED FOR WET LOCATION	DUAL LITE EVE4X-R-W-A	LED	-	-	-	120	1.42	
X/HC	ADA EDGE-LIT SIGN WTH DYNAMIC HANDICAP SYMBOL AND UNIVERSAL MOUNTING KIT	SIGNTEX INC CAEBB-1RCW-NA-TW	LED	-	-	-	120	1.42	$1)(\overline{7})$

<u>LIGHT F</u>	IXTURE NOTES:
1.	PROVIDE WITH FEATURES & ACCESSORIES NECES CHEVRONS, SHADING INDICATES QUANTITY AND L
2.	ALL EXTERIOR FIXTURES AND INTERIOR FIXTURES
3.	ALL ELECTRONIC DRIVERS SHALL HAVE A MAXIMU
4.	ALL INTERIOR FIXTURES SHALL BE FURNISHED WI
5.	FURNISH ALL ADDITIONAL MATERIALS AND ACCES
6.	FURNISH WITH NICKEL CADMIUM BATTERY FOR A
7.)	FIXTURE SHALL BE ONE LONG SIGN WITH THE WO
8.	ALL EQUALS MUST BE APPROVED BY THE ARCHITE FIXTURE, THERE WILL BE NO EXCEPTIONS GRANT WILL BE NO EXCEPTIONS GRANTED. ALTERNATE F SHOWN ON FIXTURE SCHEDULE (FINAL APPROVAL PRODUCT SUBMITTAL PACKAGE SUBMISSION.
	ALL SUBSTITUTED DRIVERS OFFERED MUST BE LE DOESN'T MEET THIS REQUIREMENT.
9.	CONTRACTOR TO INCLUDE IN THEIR BASE BID THE 2 PIECES - POWER PACKS - DUAL CIRCUI 2 PIECES - WALL SWITCH WITH J-BOX (TC

1 PIECE - EXIT SIGN

2 PIECES - WALL SWITCH WITH J-BOX (TOGGLE & DIMMER) 2 PIECES - JUNCTION BOXES INSTALLED (EACH SIZE) 2 PIECES - ROOM CONTROLLER

Description:

Revision:

SILVER PETRUCELLI + ASSOCIATES

3190 WHITNEY AVENUE HAMDEN CT 06518 311 STATE STREET NEW LONDON CT 06320 203 230 9007 silverpetrucelli.com



CESSARY FOR UNIVERSAL MOUNTING AND DIRECTIONAL ARROW KNOCKOUTS. ARROWS ON PLANS INDICATE DIRECTION OF ID LOCATIONOF FIXTURE FACE.

RES IN UNHEATED SPACES SHALL BE CAPABLE OF OPERATING IN COLD TEMPERATURES (ZERO DEGREE FARENHEIGHT).

MUM TOTAL HARMONIC DISTORTION BETWEEN TEN & FIFTEEN PERCENT (10-15%).

WITH 4000K COLOR LED's, AND ALL EXTERIOR LED's SHALL BE 4000k.

ESSORIES REQUIRED FOR A COMPLETE INSTALLATION AND BE FULLY OPERATIONAL.

A MINIMUM OF 90 MINUTES OF EMERGENCY LIGHTING OPERATION.

Revised By:

Date:

WORDING "EXIT" AND THE CT APPROVED DYNAMIC HANDICAP SYMBOL ADJACENT TO IT.

CHITECT/ENGINEER OF RECORD BY A <u>POINT BY POINT CALCULATION</u>. <u>IES FILES HAVE TO BE PROVIDED FOR EACH ALTERNATE</u> <u>ANTED</u>. ANY ALTERNATES SUBMITTED MUST NOT CONSUME MORE THEN THE WATTAGE SHOWN ON THE FIXTURE SCHEDULE, THERE TE FIXTURES MAY VARY SLIGHTLY IN APPEARANCE & AESTHETICS PROVIDED THEY MEET THE PERFORMANCE REQUIREMENTS AL BY LIGHTING DESIGNER AND ARCHITECT). POINT BY POINT CALCULATIONS NEED TO BE PERFORMED AND APPROVED PRIOR TO

LESS THAN OR EQUAL TO WATTAGES SHOWN ON EACH TYPE FIXTURE, NO SUBSTITUTED DRIVER WILL BE ACCEPTED THAT

THE FOLLOWING EXTRA MATERIAL:

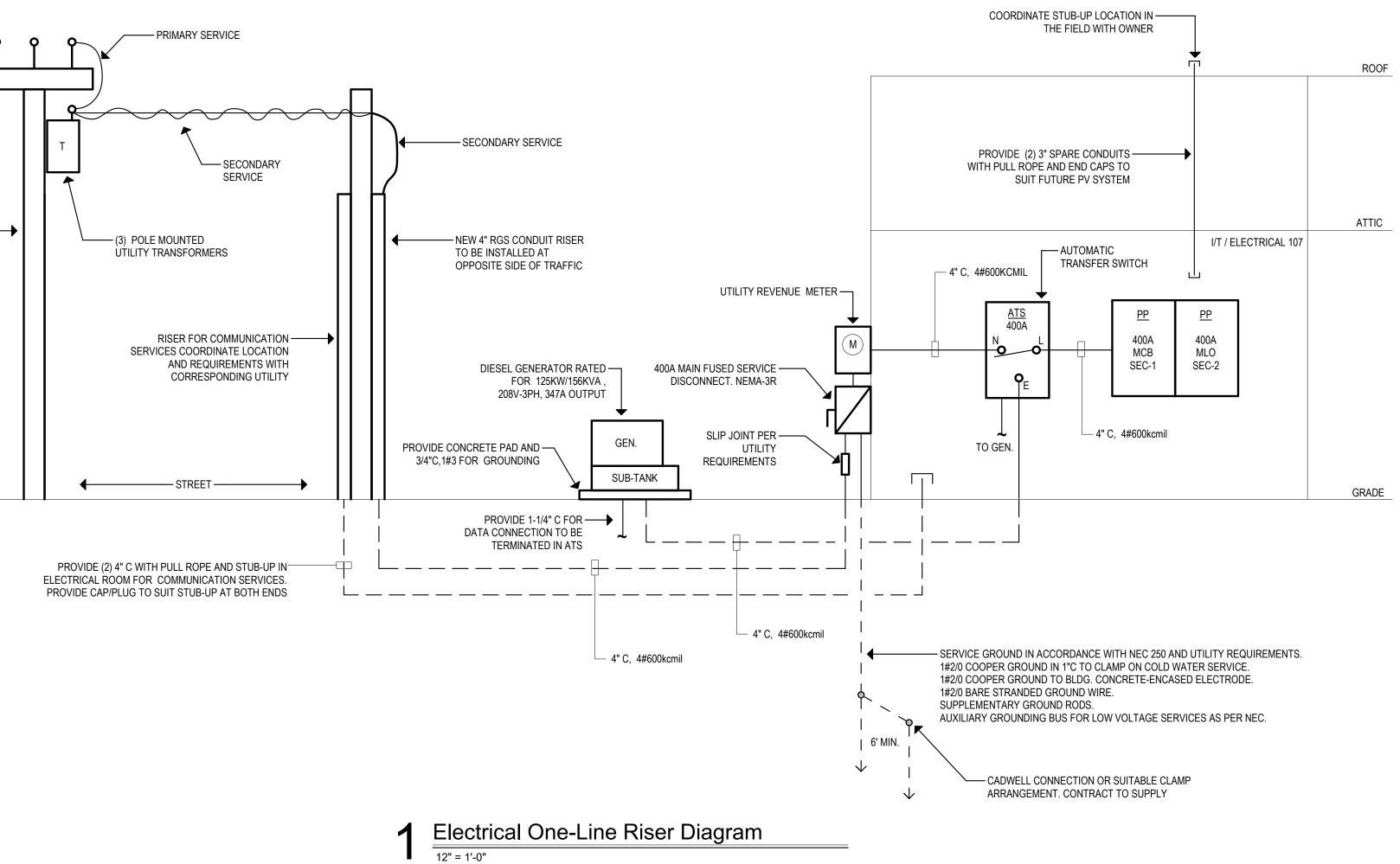
Date: 09/29/2023 Scale: AS NOTED Drawn By: JRP Project Number: 22.130





EXISTING UTILITY POLE ------CL&P #1252

Project Title: New Animal Facility at: Montville Animal Shelter 225 Maple Ave. Montville, CT



- CONDUCTOR NOTES: 1. ALL VALUES BASED ON COPPER CONDUCTORS.
- <u>FEEDERS</u> UPGRADE WIRE TO MAINTAIN MAXIMUM OF 2% VOLTAGE DROP.
- <u>BRANCH CIRCUITS</u> UPGRADE WIRE TO MAINTAIN MAXIMUM OF 3% VOLTAGE DROP.
- 3. NUMBER OF WIRES SHALL BE DETERMINED WITH EQUIPMENT ELECTRICAL NAMEPLATE CHARACTERISTICS. 4. WHERE NEUTRALS ARE REQUIRED, IT SHALL MATCH FEEDER CONDUCTOR SIZE.
- 5. USE CONDUCTOR (THWN/THHN) (3PH, 3W) WITH GROUND PRIMARY FEEDER FOR TRANSFORMERS.



SILVER PETRUCELLI + ASSOCIATES

Description:

Revision:

Revised By:

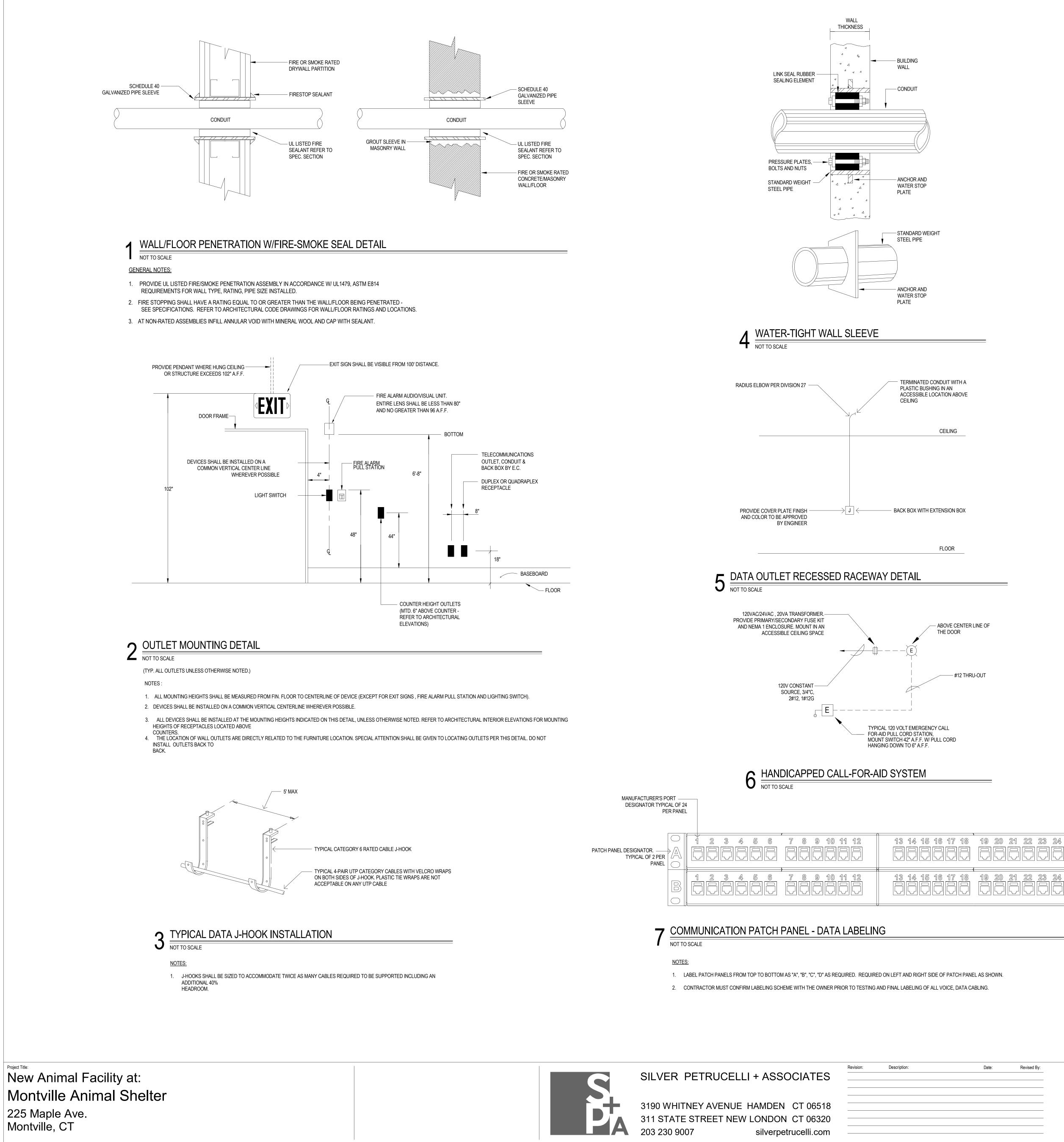
Date:

3190 WHITNEY AVENUE HAMDEN CT 06518 311 STATE STREET NEW LONDON CT 06320 203 230 9007 silverpetrucelli.com

Date: 09/29/2023 Scale: AS NOTED Drawn By: JRP Project Number: 22.130







Revision:	Description:	

Date: Revised By:		Drawing Title: ELECTRICAL DETAILS	

 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24

 다
 다
 다
 다
 다
 다
 다
 다
 19
 20
 21
 22
 23
 24

 다
 다
 다
 다
 다
 다
 다
 다
 다
 다
 다
 19
 20
 21
 22
 23
 24

 다
 다
 다
 다
 다
 다
 다
 다
 다
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10
 10</td

9 PHONE & DATA NETWORK DIAGRAM NOTES:

STEEL ROD -----

STEEL HANGER -----

STEEL CHANNEL

8 PIPE HANGER DETAIL

CATEGORY 6 FOUR PAIR-

EACH JACK. MAX RUN

SHALL BE 295'.

TEFLON CABLES. REFER TO

ELEC. DWGS. FOR QUANTITY AT

PROVIDE RACEWAY TO

ACCESSIBLE CEILING

RECESSED IN FLOOR

SPACE. (CONDUIT

AND/OR WALLS).

✓ ▼ ▼ ▼
TYPICAL WORKSTATION PORT. RJ45 JACKS. MOUNT ON SINGLE GANG BOX. REFER TO ELEC. DWGS FOR QUANTITY.

(SIMILAR FOR WAP)

STEEL PIPE -

1. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL EQUIPMENT, CAT6 WIRING, AND WIRING FROM CORRESPONDING I/T CABINET OR TERMINAL TO EACH OUTLET/DROP LOCATION.

2. PHONE AND DATA SYSTEMS SHALL BE INSTALL AND TESTED. TESTING OF CAT 6 CABLES AND INSTALLATION AND IDENTIFICATION OF JACKS AT LOCATIONS SHOWN ON DRAWINGS, TERMINATION OF CABLES AT CABINET MOUNTED PATCH AND SWITCH PANELS. INSTALLATION AS LISTED ABOVE INDICATES RESPONSIBILITY TO FURNISH, INSTALL, TEST AND WARRANTY THE ITEM.

- EXPANSION BOLT

- NUT & WASHER

– STEEL ROD

- NUT & WASHER

- SETTING TUBE

- STEEL PIPE

- PROVIDE J-HOOK SYSTEM ABV CEILINGS FOR CABLE SUPPORT. USE CADDY CABLE CAT SYSTEM OR EQUAL ON 5' SPACING

STEEL HANGER

(NON - CORROSIVE)

(NON - CORROSIVE)

- ABOVE CENTER LINE OF

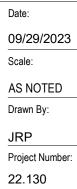
THE DOOR

- #12 THRU-OUT

COORDINATION WITH SERVICE PROVIDERS AND CONNECTION OF OUTSIDE SERVICES WILL BE PROVIDED BY SERVICE PROVIDER

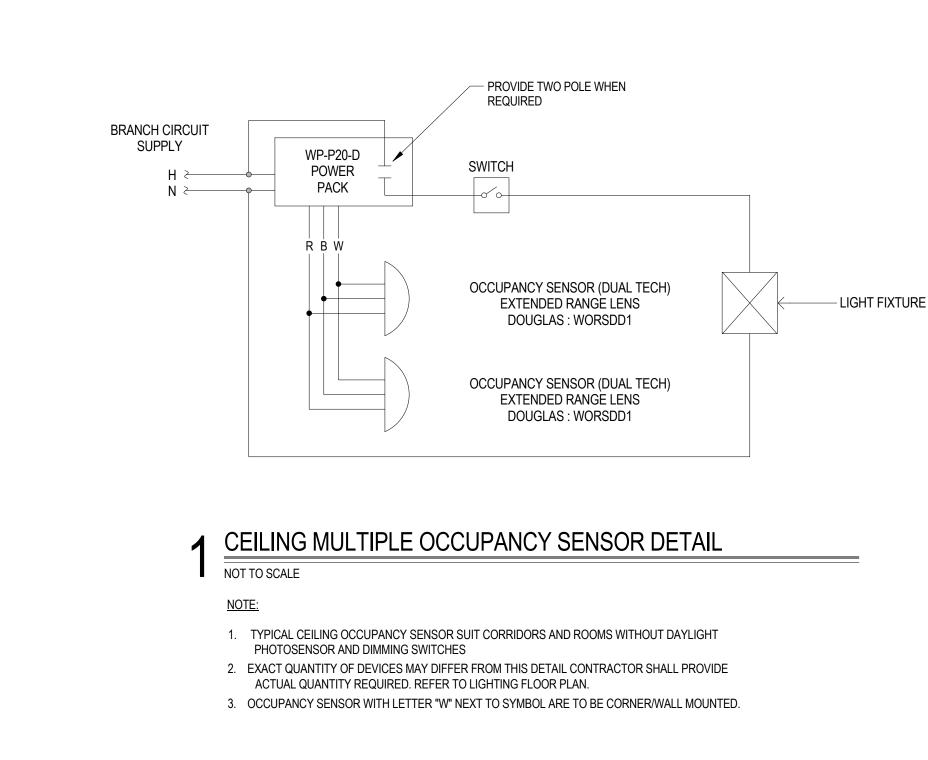
SPACE FOR FIBER PANEL 48 PORT DATA PATCH PANEL DATA NETWORK SWITCH 48 PORT PHONE PATCH PANEL PHONE SWITCH

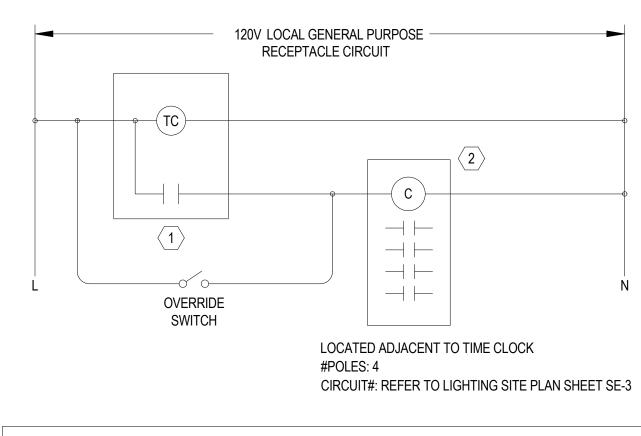
NETWORK CABINET







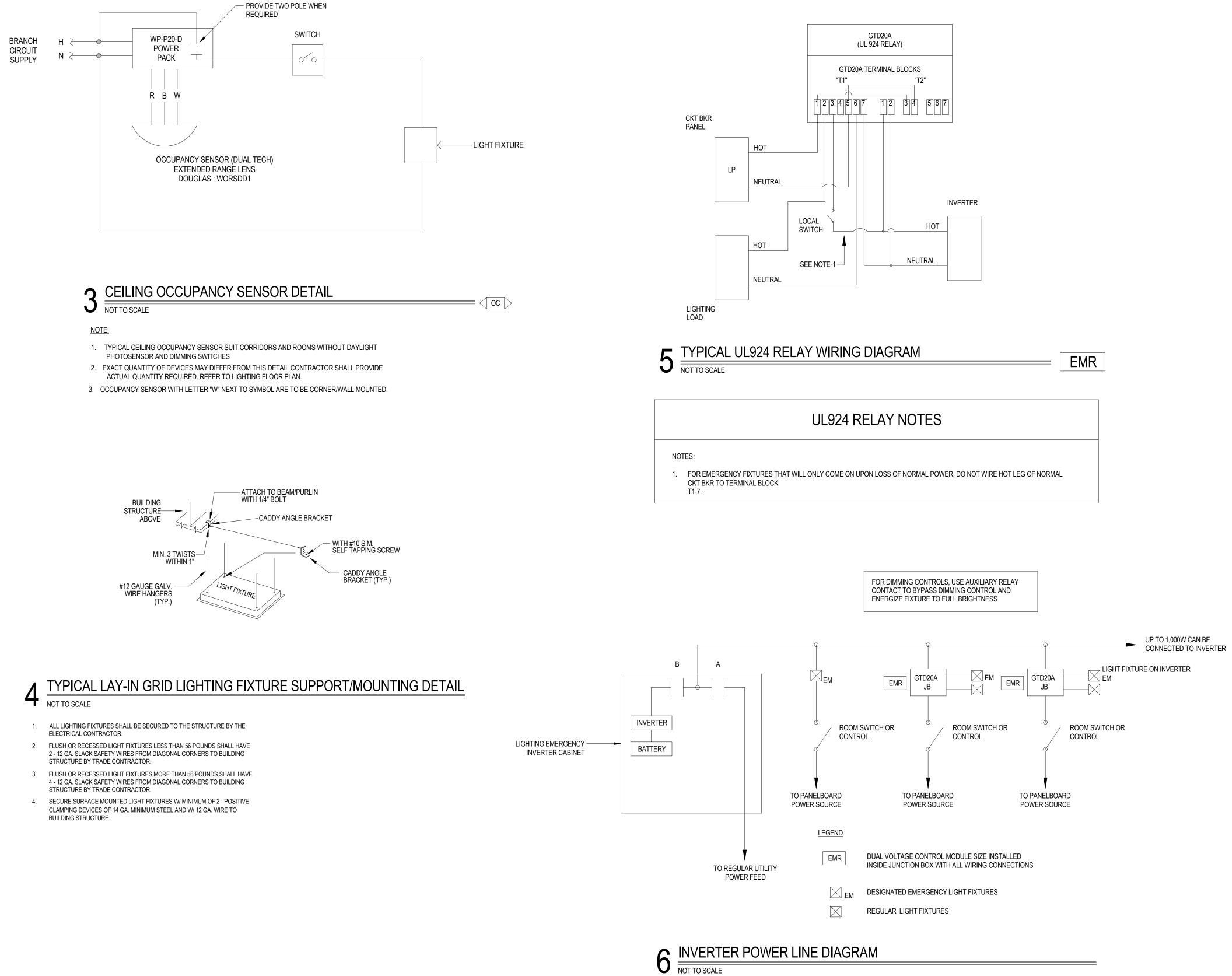


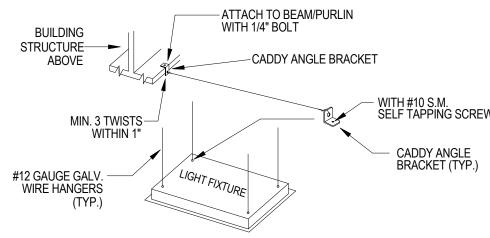


	CONTACTOR SCHE	
<u>TAG</u>	DESCRIPTION	MODEL NO.
(1)	DIGITAL PROGRAMMABLE TIME CLOCK 24HR, 7DAY 365DAY, SEASONAL SCHEDULING, 99 ON/OFF POINTS, PERMANENT SCHEDULE RETENTION ON POWER LOSS, POWER OUTAGE BACKUP, AUTOMATIC LEAP YEAR AND DAYLIGHT SAVINGS TIME ADJ., MECHANICALLY HELD CONTACTS, MULTI VOLTAGE INPUT.	TORK DZS100A OR EQUIVALENT INTERMATIC OR SQUARE D
2	CONTACTOR ELECTRICALLY OPERATED, MECHANICALLY HELD, 20A LIGHTING CONTACTOR. CONTROL VOLTAGE AS LISTED, FROM LOCAL GENERAL PURPOSE RECEPTACLE CIRCUIT.	ASCO 917 SERIES WITH 2 WIRE CONTROL OPTION OR EQUIVALENT GE OR SQUARED
AT 10F	CLOCK SHALL BE PROGRAMMED TO TURN SITE LIGHTING ON AT DUSK (VIA PH M DAILY AS PER TOWN ZONING REQUIREMENTS. E TIME CLOCK ADJACENT TO ELECTRICAL PANEL.	OTOCELL) AND OFF

REMARKS

2 LIGHTING TIME CLOCK AND CONTACTOR DIAGRAM







SILVER PETRUCELLI + ASSOCIATES

Description:

Revision:

Date:

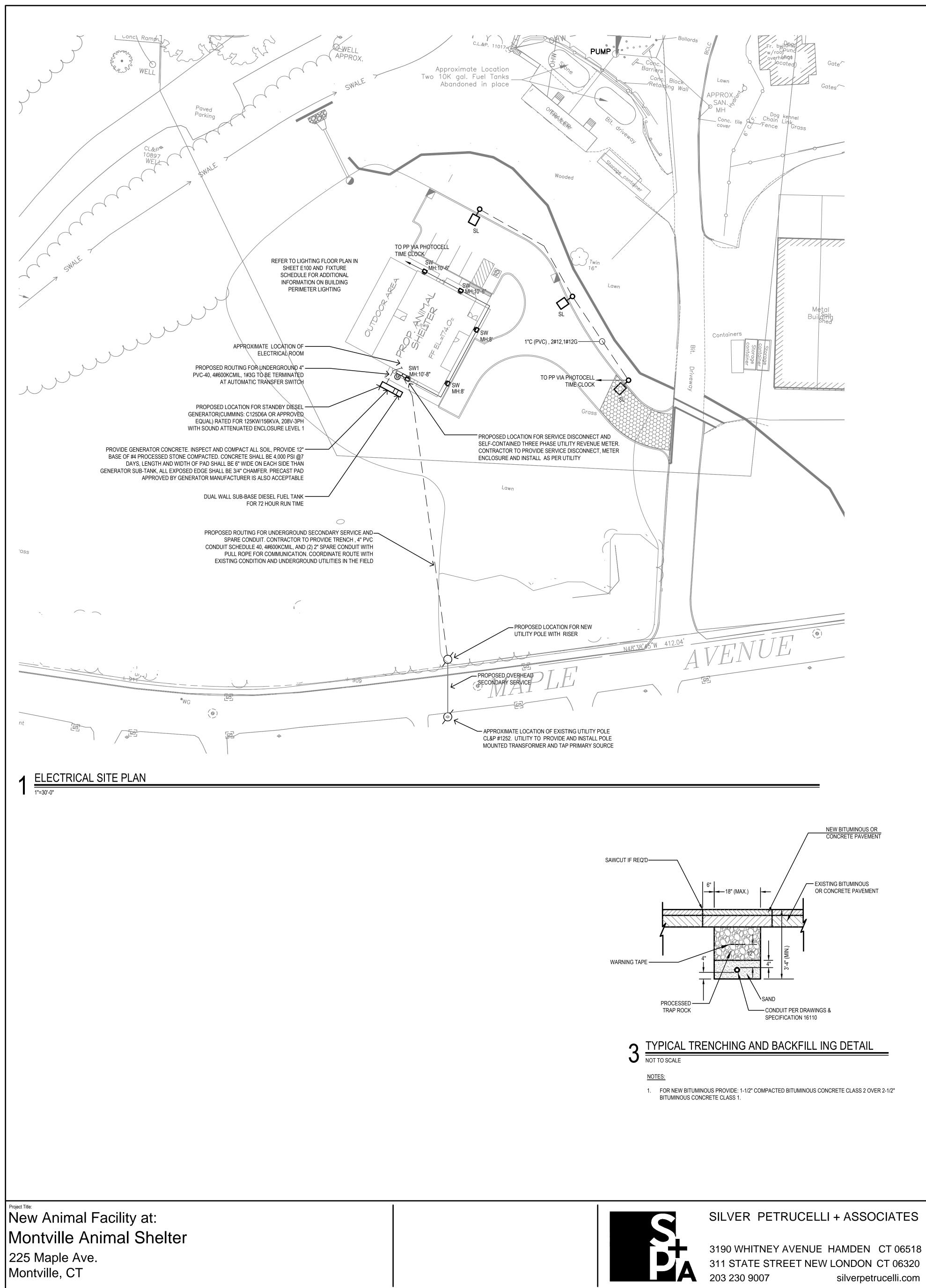
Revised By:

3190 WHITNEY AVENUE HAMDEN CT 06518 311 STATE STREET NEW LONDON CT 06320 203 230 9007 silverpetrucelli.com

Date: 09/29/2023 Scale: AS NOTED Drawn By: JRP Project Number:







silverpetrucelli.com

Revision:	Description:

	LIGHTING FIXTURE SCHEDULE											
	DECIONATION	GNATION DESCRIPTION	MANUFACTURER/ MODEL NUMBER		LAMP		ELECTRICAL			NOTES		
SYMBOL	YMBOL DESIGNATION			TYPE	COLOR TEMP	NO	BALLAST	VOLTAGE	WATTS	NOTES		
어 🗆	SL	SMALL 16.76" LED SQUARE SINGLE HEAD LIGHT TYPE-3 DISTRIBUTION	BEACON VP-1-160L-35-4K8-3-UNV-A-PC	LED	4,000	-	ELECTRONIC	UNV.	36.8			
Ð	SW	BUILDING PERIMETER LED COMPACT WALL PACK LIGHT TYPE-4 DISTRIBUTION	HUBBELL TRP2-24L-30-4K8-4-UNV-PC	LED	4,000	-	ELECTRONIC	UNV.	27.9			
Ю	SW1	BUILDING PERIMETER LED COMPACT WALL PACK LIGHT TYPE-3 DISTRIBUTION	HUBBELL TRP2-24L-30-4K8-3-UNV-PC	LED	4,000	-	ELECTRONIC	UNV.	27.9			
	LIGHTING FIXTURE SCHEDULE											
FOR (COMPLETE INSTALLATION	OAM GASKET, MOUNTING PLATE, ARM ADAPTER, ALL ASSEMBLY REQUENT TO BE FULLY OPERATIONAL.	JIRED, AND ALL ADDITIONAL MATERIALS AND	ACCESSOR	IES REQUIRED							

2. ALL FIXTURES SHALL BE CAPABLE OF OPERATING IN COLD TEMP (0° F).

3. ALL LIGHTING FIXTURE SHALL BE UL LISTED FOR WET LOCATIONS.

(4.) FIXTURE TO BE PROVIDED WITH INTEGRATED BUTTON PHOTOCONTROL.

SYMBOL AND ABBREVIATION: MH MOUNTING HEIGHT.

15'-6"

6"A.F.G

TTŢ

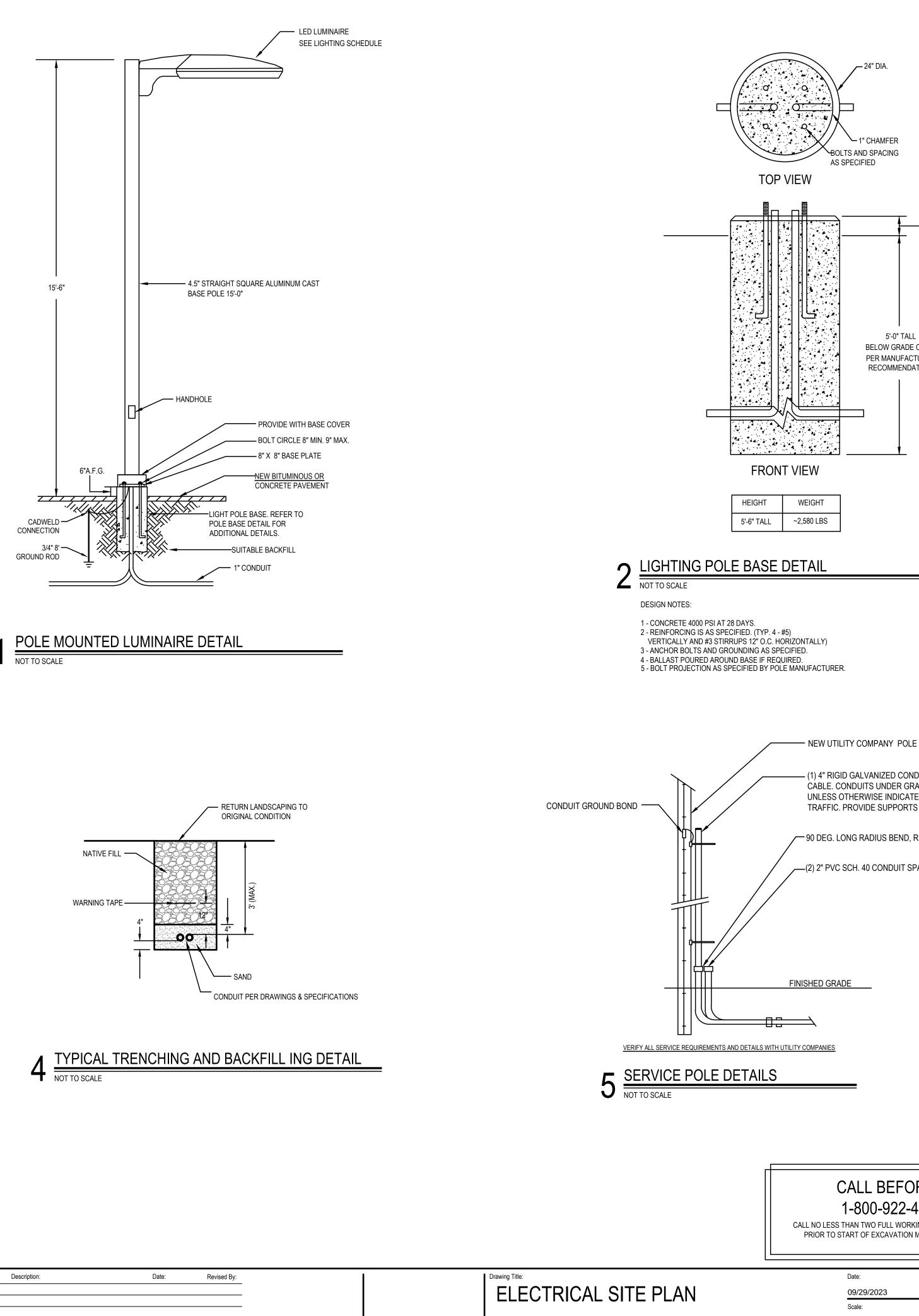
CADWELD -

3/4" 8' -

CONNECTION

GROUND ROD

NOT TO SCALE



1" CHAMFEF BOLTS AND SPACING

> — 6" ABOVE GRADE 5'-0" TALL BELOW GRADE OR AS PER MANUFACTURER RECOMMENDATION

- (1) 4" RIGID GALVANIZED CONDUITS, FOR SECONDARY SERVICE CABLE. CONDUITS UNDER GRADE SHALL BE PVC, SCHEDULE 40, UNLESS OTHERWISE INDICATED. ORIENT AWAY FROM ONCOMING TRAFFIC. PROVIDE SUPPORTS AT 5' OC MAXIMUM, TYPICAL.

90 DEG. LONG RADIUS BEND, RIGID STEEL CONDUIT.

(2) 2" PVC SCH. 40 CONDUIT SPARE.

CALL BEFORE YOU DIG 1-800-922-4455 OR 811

CALL NO LESS THAN TWO FULL WORKING DAYS AND NO MORE THAN 30 DAYS PRIOR TO START OF EXCAVATION MONDAY THRU FRIDAY, 7AM TO 5PM

> 09/29/2023 ____ AS NOTED Drawn By: Project Number:

23.130

Drawing Number:

ES100

