

SSSH Series Poles

SQUARE STRAIGHT STEEL

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

SPECIFICATIONS

CONSTRUCTION

- Shaft: One-piece straight steel with square cross section, flat sides and minimum 0.23" radius on all corners; Minimum yield of 46,000 psi (ASTM-A500, Grade B); Longitudinal weld seam to appear flush with shaft side wall; Steel base plate with axial bolt circle slots welded to pole shaft having minimum yield of 36,000 psi (ASTM A36)
- Base cover: Two-piece square aluminum base cover included standard
- Pole cap: Pole shaft supplied with removable cover when applicable; Tenon and post-top configurations also available
- Hand hole: Rectangular 3x5 steel hand hole frame (2.38" x 4.38" opening); Mounting provisions for grounding lug located behind gasketed cover
- Anchor bolts: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling
 - Anchor bolt part numbers: 3/4 x 30 x 3 — TAB-30-M38
1 x 36 x 4 — TAB-36-M38
- Super Durable polyester-TGIC powder coat finish with nominal 3.0 mil thickness. Meets or exceeds AAMA 2604 standards.

INSTALLATION

- Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location

WAREHOUSE 'STOCKED' POLES:

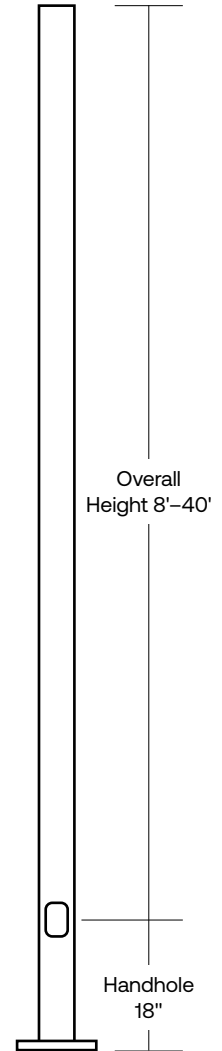
- SSSH20-40A-4-HV-DB-WPO and SSSH25-40A-4-HV-DB-WPO (Pole only, must order kit SSSHSTK4KIT for anchor bolts and cap)
- The HV designation in the above catalog numbers is a combination of the S2 pattern and the B3 pattern

CERTIFICATIONS

- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to <https://www.currentlighting.com/resources/america-solutions>).

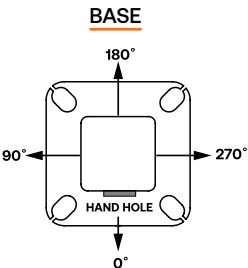


- BABA compliant configurations available. Please contact factory to verify if specific configuration is compliant

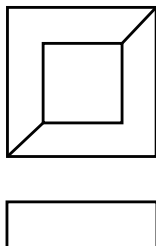


SERVICE PROGRAMS

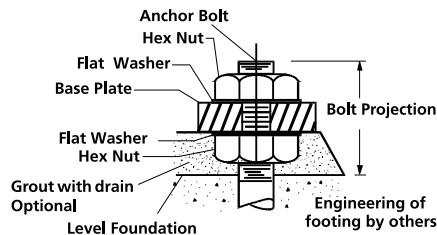
QS10



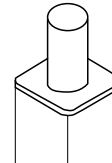
BASE COVER



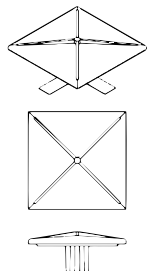
BASE DETAIL



TENON



POLE CAP



SSSH Series Poles

SQUARE STRAIGHT STEEL

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

Gray Shading = Service Program Limit of 15 poles **QS10**

ORDERING INFORMATION

Example: SSSH25-40A-2L-S2-DBT-UL

SSSH	Height	Shaft	Thickness	Mounting	Drill Pattern	Finish	Options
Series	Reference page 3 Ordering matrix	Reference page 3 Ordering matrix	Reference page 3 Ordering matrix				
SSSH Square Straight Steel Pole EXO			A - .125" Wall B - .188" Wall C - .250" Wall	1 Single arm mount 2 Two fixtures at 180° 2L Two fixtures at 90° 3T Three fixtures at 90° 4 Four fixtures at 90° TA Tenon (2.38" OD x 4.25" Tall) TB Tenon (2.88" OD x 4.25" Tall) TC Tenon (3.5" OD x 6" Tall) TR ¹ Removable Tenon (2.38" x 4.25") OT Open Top (includes pole cap)	B3 2 bolt (2-1/2" spacing), Ratio S2 2 bolt (3-1/2" spacing) UDP Universal Drill Pattern	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGT Light Grey Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VG Verde Green Textured Color Option CC Custom Color ²	GFI ³ 20 Amp GFCI Receptacle and Cover EH ³ Extra Handhole C05 ³ 5" Coupling C07 ³ 75" Coupling C20 ³ 2" Coupling MPB ³ Mid-pole Luminaire Bracket VM1 ⁴ Mode vibration dampener VM2 ⁵ 2nd mode vibration dampener LAB Less Anchor Bolts UL ⁶ UL Certified

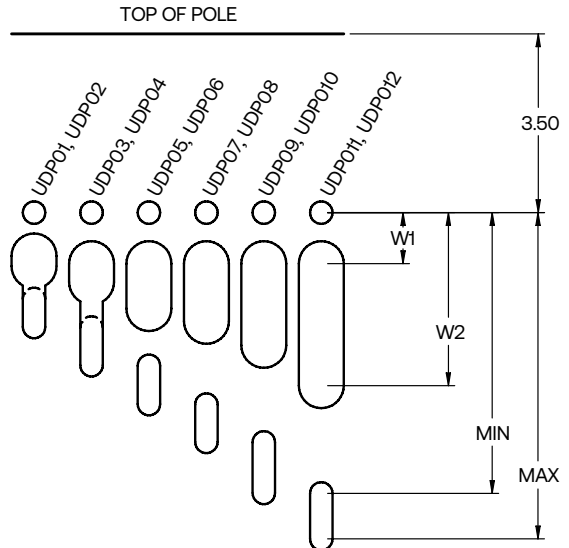
Accessories (Order Separately)

Part Number	Description
☐ A81999-0001	Field-installed 2nd mode vibration dampener - VM2S08
☐ A81999-0005	Field-installed 2nd mode vibration dampener - VM2S10
☐ A81999-0004	Field-installed 2nd mode vibration dampener - VM2S12
☐ A81999-0003	Field-installed 2nd mode vibration dampener - VM2S14
☐ A81999-0007	Field-installed 2nd mode vibration dampener - VM2S16
☐ A81999-0006	Field-installed 2nd mode vibration dampener - VM2S18
☐ A81999-0002	Field-installed 2nd mode vibration dampener - VM2S20
☐ A81999-0009	Field-installed 2nd mode vibration dampener - VM2S24
☐ A81999-0008	Field-installed 2nd mode vibration dampener - VM2S25
☐ SSSH-STK-4-KIT	Pole Cap and anchor bolt kit

- 1 Removable tenon used in conjunction with side arm mounting. First specify desired arm configuration followed by the "TR" notation. Example: SSS-H-25-40-A-1-S2-TR-DB.
- 2 Custom colors available; RAL number preferable
- 3 Specify option location using logic found on page 3 (Option Orientation).
- 4 VM1 recommended on poles 20' and taller with EPA of less than 1.
- 5 There will be a weld witness mark on the side of the pole with the Factory installed VM2
- 6 UL not available with tenon on pole

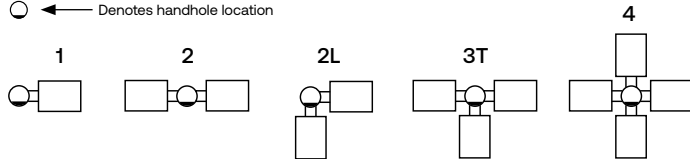
DRILL PATTERNS

UNIVERSAL DRILL PATTERN (UDP)



MOUNTING ORIENTATION

○ ← Denotes handhole location



STOCKED POLE ORDERING LOGIC

Catalog #	Description
SSSH20-40A-4-HV-DBT-WPO	Square Steel pole, 20', 4" square cross-section, .125" wall thickness, Dark Bronze Matte Textured paint. Pole only, no anchor bolts, base cover or pole cap included.
SSSH25-40A-4-HV-DBT-WPO	Square Steel pole, 25', 4" square cross-section, .125" wall thickness, Dark Bronze Matte Textured paint. Pole only, no anchor bolts, base cover or pole cap included.
SSSH-STK-4-KIT	Stock kit includes anchor bolts, template, base cover and plastic pole cap. Must be ordered separately from pole.

Note: the HV drill pattern is a combination of the S2 pattern and B3 pattern.

Two Bolt Mounting with Center Wireway						
Mounting Hardware	Universal Mounting Patterns					
3/8" or less	UDP01	UDP03	UDP05	UDP07	UDP09	UDP011
7/8" to 1/2"	UDP02	UDP04	UDP06	UDP08	UDP10	UDP12
"Min" Attachment Dimension	1.69	2.25	3.00	3.76	4.50	5.50
"Max" Attachment Dimension	2.24	2.99	3.75	4.49	5.49	6.00
W1 (Wireway min)	0.85	1.00	1.00	1.00	1.00	1.00
W2 (Wireway max)	1.05	1.36	1.88	2.13	2.60	3.00

UDP to accommodate 3rd Party Luminaires. Current Brands only utilize exact drill patterns as published.

SSSH Series Poles

SQUARE STRAIGHT STEEL

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

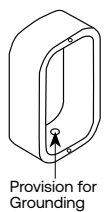
Gray Shading = Service Program Limit of 15 poles **QS10**

ORDERING INFORMATION (CONTINUED)

CATALOG NUMBER	HEIGHT		NOMINAL SHAFT DIMENSIONS	WALL THICKNESS	BOLT CIRCLE (SUGGESTED)	BOLT CIRCLE (RANGE)	BASE PLATE SQUARE	ANCHOR BOLT SIZE	BOLT PROJECTION	POLE WEIGHT (LBS)
	FEET	METERS								
SSSH10-40A	10	3.0	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	77
SSSH12-40A	12	3.7	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	90
SSSH14-40A	14	4.3	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	103
SSSH16-40A	16	4.9	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	116
SSSH18-40A	18	5.5	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	129
SSSH20-40A	20	6.1	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	142
SSSH25-40A	25	7.6	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	175
SSSH14-40B	14	4.3	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	152
SSSH16-40B	16	4.9	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	171
SSSH18-40B	18	5.5	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	190
SSSH20-40B	20	6.1	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	209
SSSH25-40B	25	7.6	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	257
SSSH30-40B	30	9.1	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	304
SSSH16-50B	16	4.9	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	219
SSSH18-50B	18	5.5	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	243
SSSH20-50B	20	6.1	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	267
SSSH25-50B	25	7.6	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	327
SSSH30-50B	30	9.1	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	387
SSSH25-50C	25	7.6	5" square	.25"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	427
SSSH30-50C	30	9.1	5" square	.25"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	507
SSSH20-60B	20	6.1	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	5.0	329
SSSH25-60B	25	7.6	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	5.0	404
SSSH30-60B	30	9.1	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	5.0	479
SSSH35-60B	35	10.7	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	5.0	554
SSSH40-60B	40	12.2	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	5.0	629

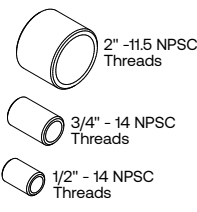
- Notes:**
- Factory supplied template must be used when setting anchor bolts. Current will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.
 - For more information about pole vibration and vibration dampeners, please consult factory.
 - Unwrap poles immediately upon receipt to avoid condensation build up and possible corrosion.
 - There will be a weld witness mark on the side of the pole with the Factory installed VM2.

EHH
Extra handhole



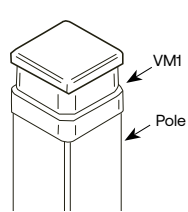
Provision for Grounding

C05 / C07 / C20
Coupling



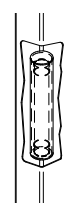
2" -11.5 NPSC Threads
3/4" - 14 NPSC Threads
1/2" - 14 NPSC Threads

VM1
1st mode vibration dampener



Field Installed Pole Top dampener designed to reduce pole top deflection or sway. VM1 is recommended for pole systems 25' and taller with a total EPA of 1.0 or less.

VM2¹
2nd mode vibration dampener



Factory installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.

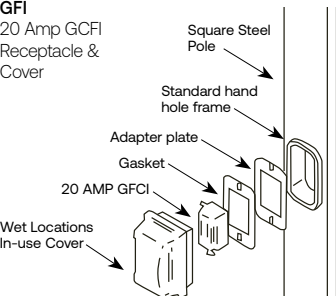
VM2SXX
Field-installed 2nd mode vibration dampener



VM2S08 - 8'
VM2S12 - 12'
VM2S16 - 16'
VM2S20 - 20'
VM2S24 - 24'

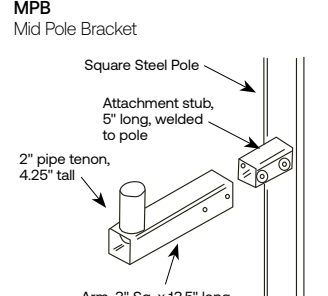
Field installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.

GFI
20 Amp GCFI Receptacle & Cover



Square Steel Pole
Standard hand hole frame
Adapter plate
Gasket
20 AMP GCFI
Wet Locations In-use Cover

MPB
Mid Pole Bracket

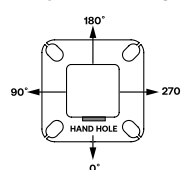


Square Steel Pole
Attachment stub, 5" long, welded to pole
2" pipe tenon, 4.25" tall
Arm, 3" Sq. x 13.5" long (ships separately)

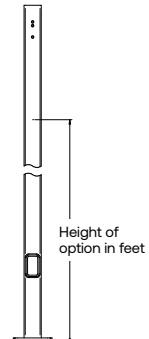
Option Orientation

Follow the logic below when ordering location specific options. For each option, include its orientation (in degrees) and its height (in feet).

Example: Option C05 should be ordered as: SSSH20-40A-TA-DB-C05-0-15 (.5" coupling on the handhole side of pole, 15' up from the pole base) 1' spacing required between option. Consult factory for other configurations.



180°
90°
270°
0°
HAND HOLE



Height of option in feet

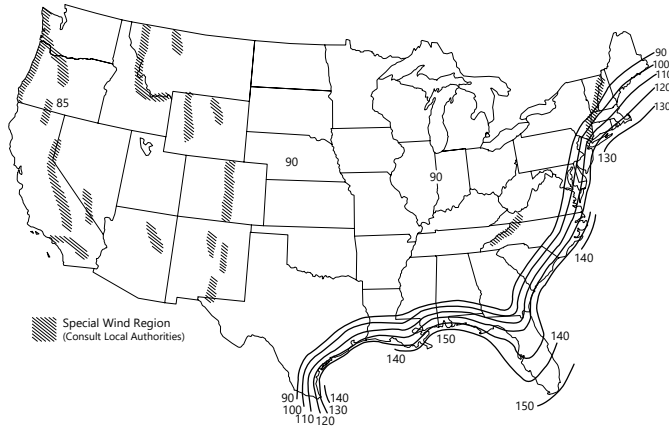
SSSH Series Poles

SQUARE STRAIGHT STEEL

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

WIND MAPS

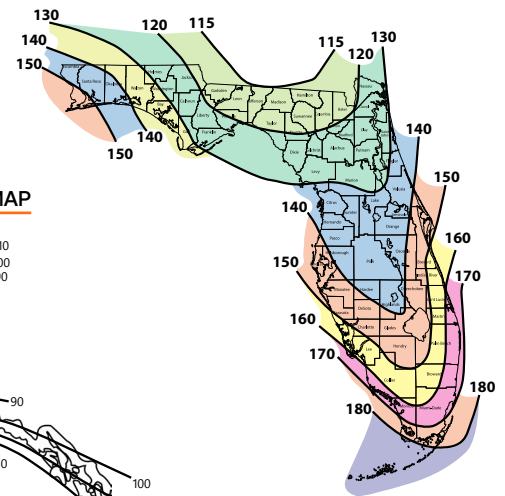
ASCE/SEI 7-22 WIND MAP



HAWAII – 105 mph
PUERTO RICO – 145 mph

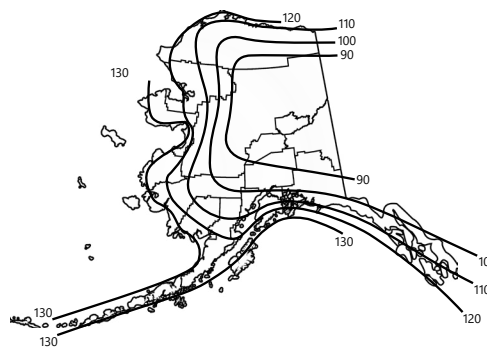
*Printed with permission from ASCE
**AASHTO LRFDLTS-1

FLORIDA REGION WIND MAP



Florida region wind map above is based upon 3-second gust winds and the 2017 Florida Building Code.

ALASKA REGION WIND MAP



ASCE 7-22 wind map EPA Load Rating - 3 second gust wind speeds (Use for all locations except Florida)										
Catalog Number	100	110	115	120	130	140	150	160	170	180
SSSH10-40A	25	25	25	25	25	22.4	19	16.3	14.3	12.5
SSSH12-40A	25	23.8	21.6	19.6	16	13.5	11.4	9.5	7.8	6.9
SSSH14-40A	24.5	19.5	17.54	15.8	12.9	10.3	8.4	6.9	5.6	4.7
SSSH16-40A	18.7	14.9	13	11.8	9.5	7.8	5.8	4.5	3.8	2.8
SSSH18-40A	15.7	11.9	10.7	9.4	7.3	5.6	4	3.1	2	1.2
SSSH20-40A	12.8	9.6	8.5	7.4	5.4	3.82.8	1.6	0.9	NR	NR
SSSH25-40A	7	4.6	3.6	2.7	1.5	NR	NR	NR	NR	NR
SSSH14-40B	25	22.1	19.7	17.9	14.6	12	10	8.3	6.9	5.6
SSSH16-40B	21.5	16.8	15.2	13.4	10.4	8.7	6.9	5.8	4.4	3.7
SSSH18-40B	17.9	13.9	12.4	11	8.4	6.6	5.3	4.1	3	2
SSSH20-40B	15.1	11.4	10.1	8.8	6.7	5	3.4	2.5	1.5	NR
SSSH25-40B	8.4	5.8	4.7	3.9	2.4	1.1	NR	NR	NR	NR
SSSH30-40B	4.5	2.2	1.1	NR	NR	NR	NR	NR	NR	NR
SSSH16-50B	25	25	25	25	22.2	18.1	15.2	12.7	10.6	8.9
SSSH18-50B	25	25	25	22.6	18	14.8	12.1	9.8	7.6	6.5
SSSH20-50B	25	23.8	21.2	18.9	14.8	11.9	9.5	7.5	5.8	4.4
SSSH25-50B	18.7	14.2	12.2	10.5	7.5	5.4	3.6	1.9	0.9	NR
SSSH30-50B	12.2	8.3	6.6	5.2	2.9	1.1	NR	NR	NR	NR
SSSH25-50C	19	14.1	12	10.3	7.7	5.4	3.5	2.1	0.9	NR
SSSH30-50C	12.2	8.3	6.5	5.2	2.9	1.1	NR	NR	NR	NR
SSSH20-60B	25	22	19.4	17.1	13.4	10	7.6	5.6	3.9	2.6
SSSH25-60B	16.8	12	10.2	8.5	5.6	3.2	1.6	NR	NR	NR
SSSH30-60B	9.7	5.8	4.2	2.7	1.4	NR	NR	NR	NR	NR
SSSH35-60B	4.9	1.4	NR	NR	NR	NR	NR	NR	NR	NR
SSSH40-60B	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Florida Building Code 2017 EPA Load Rating - 3 second gust wind speeds (Use for Florida only)									
Catalog Number	115	120	130	140	150	160	170	180	
SSSH10-40A	25.0	25.0	25.0	25.0	21.4	18.4	15.9	13.9	
SSSH12-40A	25.0	25.0	23.6	19.8	16.7	14.2	12.1	10.4	
SSSH14-40A	25.0	23.1	19.0	15.7	13.1	10.9	9.1	7.6	
SSSH16-40A	20.8	18.7	15.2	12.3	10.1	8.2	6.7	5.4	
SSSH18-40A	16.8	15.0	11.9	9.4	7.5	5.9	4.5	3.4	
SSSH20-40A	13.6	11.9	9.2	7.1	5.3	3.9	2.7	1.7	
SSSH25-40A	7.4	6.2	4.1	2.5	1.1	NR	NR	NR	
SSSH14-40B	25.0	23.6	19.4	16.1	13.4	11.2	9.4	7.8	
SSSH16-40B	21.4	19.2	15.6	12.7	10.4	8.5	6.9	5.6	
SSSH18-40B	17.2	15.4	12.2	9.7	7.7	6.1	4.7	3.6	
SSSH20-40B	13.9	12.3	9.5	7.3	5.5	4.1	2.9	1.9	
SSSH25-40B	7.7	6.4	4.3	2.6	1.3	NR	NR	NR	
SSSH30-40B	3.2	2.1	NR	NR	NR	NR	NR	NR	
SSSH16-50B	25.0	25.0	25.0	25.0	25.0	21.4	18.2	15.5	
SSSH18-50B	25.0	25.0	25.0	24.4	20.4	17.0	14.2	11.9	
SSSH20-50B	25.0	25.0	24.4	19.9	16.3	13.4	11.0	8.9	
SSSH25-50B	21.8	19.3	15.0	11.5	8.8	6.5	4.7	3.1	
SSSH30-50B	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR	
SSSH25-50C	21.8	19.3	15.0	11.5	8.8	6.5	4.7	3.1	
SSSH30-50C	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR	
SSSH20-60B	25.0	25.0	25.0	21.9	17.8	14.5	11.7	9.4	
SSSH25-60B	23.8	20.9	16.1	12.3	9.2	6.6	4.5	2.8	
SSSH30-60B	14.6	12.3	8.4	5.3	2.8	0.8	NR	NR	
SSSH35-60B	7.5	5.6	2.4	NR	NR	NR	NR	NR	
SSSH40-60B	1.8	NR	NR	NR	NR	NR	NR	NR	

SSSH Series Poles

SQUARE STRAIGHT STEEL

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

NOTES

Wind-speed Website disclaimer:

Current has no connection to the linked website and makes no representations as to its accuracy. While the information presented on this third party website provides a useful starting point for analyzing wind conditions, Current has not verified any of the information on this third party website and assumes no responsibility or liability for its accuracy. The material presented in the windspeed website should not be used or relied upon for any specific application without competent examination and verification of its accuracy, suitability and applicability by engineers or other licensed professionals. Current does not intend that the use of this information replace the sound judgment of such competent professionals, having experience and knowledge in the field of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the results of the windspeed report provided by this website. Users of the information from this third party website assume all liability arising from such use. Use of the output of these referenced websites do not imply approval by the governing building code bodies responsible for building code approval and interpretation for the building site described by latitude/longitude location in the windspeed report. <http://windspeed.atcouncil.org>

- Allowable EPA, to determine max pole loading weight, multiply allowable EPA by 30 lbs.
- The tables for allowable pole EPA are based on the ASCE 7-22 Wind Map or the Florida Region Wind Map for the 2010 Florida Building Code. The Wind Maps are intended only as a general guide and cannot be used in conjunction with other maps. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than the total EPA for fixtures, arms, and accessories to be assembled to the pole. Responsibility lies with the specifier for correct pole selection. Installation of poles without luminaires or attachment of any unauthorized accessories to poles is discouraged and shall void the manufacturer's warranty
- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider vibration and coefficient of height factors beyond this general guide; Consult local and federal standards
- Wind Induced Vibration brought on by steady, unidirectional winds and other unpredictable aerodynamic forces are not included in wind velocity ratings. Consult Current Lighting's Pole Vibration Application Guide for environmental risk factors and design considerations.
- Extreme Wind Events like, Hurricanes, Typhoons, Cyclones, or Tornadoes may expose poles to flying debris, wind shear or other detrimental effects not included in wind velocity ratings

Branch Panel: L2A															
Location: ELEC. 260						Volts: 120/208 Wye				A.I.C. Rating: T80					
Supply From: T-1A						Phases: 3				Main Type: MCB					
Mounting: Surface						Wires: 4				Bus Amps: 125 A					
Enclosure: Type 1						MCB Rating: 125 A									
CB Info	CKT	Circuit Description	Amps	Trip	Poles	A	B	C	Poles	Trip	Amps	Circuit Description	CKT	CB Info	
	1	BREAK RCPT	9 A	20 A	1	1080 VA	180 VA		1	20 A	2 A	PRINTER	2		
	3	BREAK COUNT RCPT	6 A	20 A	1		720 VA	180 VA	1	20 A	2 A	PRINTER	4		
	5	CORR/EARLY CHILD RCPT	12 A	20 A	1			1440 VA	1260 VA	1	20 A	11 A	CORR/STOR RCPT	6	
	7	MEETING RCPT	11 A	20 A	1	1260 VA	180 VA		1	20 A	2 A	BREAK DW	8		
	9	MEETING RCPT	14 A	20 A	1		1620 VA	180 VA	1	20 A	2 A	BREAK REF	10		
	11	EARLY CHILD RCPT	12 A	20 A	1			1440 VA	1144 VA	2	20 A	11 A	CU-1	12	
	13	EARLY CHILD RCPT	5 A	20 A	1	540 VA	1144 VA							14	
	15	EARLY CHILD RCPT	12 A	20 A	1		1440 VA	720 VA	1	20 A	6 A	DECK RCPT	16		
	17	YOUTH EQUIV RCPT	12 A	20 A	1			1440 VA	2600 VA	2	40 A	25 A	HP-2	18	
	19	YOUTH EQUIV RCPT	14 A	20 A	1	1620 VA	2600 VA							20	
	21	YOUTH EQUIV RCPT	14 A	20 A	1		1620 VA	1080 VA	1	20 A	8 A	ROOF RCPT	22		
	23	YOUTH EQUIV RCPT	14 A	20 A	1			1620 VA	1080 VA	1	20 A	9 A	FINANCE RCPT	24	
	25	YOUTH EQUIV/MTG RCPT	15 A	20 A	1	1800 VA	720 VA		1	20 A	6 A	CPO RCPT	26		
	27	STORAGE/HOTEL RCPT	12 A	20 A	1		1440 VA	720 VA	1	20 A	6 A	CPO RCPT	28		
	29	HOTEL/LAC RCPT	11 A	20 A	1			1260 VA	720 VA	1	20 A	6 A	CEO RCPT	30	
	31	RESTROOM/MAN RCPT	11 A	20 A	1	1260 VA	1620 VA		1	20 A	14 A	GEO COMP LAB RCPT	32		
	33	STOR/COPY/CORR RCPT	8 A	20 A	1		900 VA	1080 VA	1	20 A	8 A	GEO COMP LAB RCPT	34		
	35	PRINTER	2 A	20 A	1			180 VA	720 VA	1	20 A	6 A	CDD RCPT	36	
	37	PRINTER	2 A	20 A	1	180 VA	1620 VA		1	20 A	14 A	DEV TEAM RCPT	38		
	39	GEO CLASS RCPT	12 A	20 A	1		1440 VA	1440 VA	1	20 A	12 A	HR/FINANCE RCPT	40		
	41	GEO CLASS RCPT	12 A	20 A	1			1440 VA	0 VA	1	20 A	--	SPARE	42	
	43	SPARE	--	20 A	1	0 VA	0 VA		1	20 A	--	SPARE	44		
	45	SPARE	--	20 A	1		0 VA	0 VA	1	20 A	--	SPARE	46		
	47	SPARE	--	20 A	1			0 VA	--	1	--	SPACE	48		
	49	SPACE	--	--	1	--	--		1	--	--	SPACE	50		
	51	SPACE	--	--	1	--	--		1	--	--	SPACE	52		
	53	SPACE	--	--	1	--	--		1	--	--	SPACE	54		
	55	SPACE	--	--	1	--	--		1	--	--	SPACE	56		
	57	SPACE	--	--	1	--	--		1	--	--	SPACE	58		
	59	SPACE	--	--	1	--	--		1	--	--	SPACE	60		
Total Load:						15804 VA		14580 VA		16344 VA					
Total Amps:						133 A		122 A		138 A					
CIRCUIT BREAKER INFORMATION LEGEND:															
G = GROUND FAULT SENSING															
S = SHUNT TRIP															
L = LOCK OUT															
A = ARC FAULT INTERRUPTER															
ABBREVIATIONS:															
MCB = MAIN CIRCUIT BREAKER															
CB = CIRCUIT BREAKER															
CKT = CIRCUIT															
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals						
HVAC			5200 VA		100.00%		5200 VA								
R			39240 VA		62.74%		24620 VA		Total Conn. Load: 46728 VA						
M			2288 VA		125.00%		2860 VA		Total Est. Demand: 32680 VA						
									Total Conn.: 130 A						
									Total Est. Demand: 91 A						
Notes:															

Branch Panel: H1A														
Location: MECH / ELEC. 117						Volts: 480/277 Wye				A.I.C. Rating: T80				
Supply From: MSB						Phases: 3				Mains Type: MLO				
Mounting: Surface						Wires: 4				Bus Amps: 125 A				
Enclosure: Type 1														
CB Info	CKT	Circuit Description	Amps	Trip	Poles	A	B	C	Poles	Trip	Amps	Circuit Description	CKT	CB Info
	1	LVL 1 LTG	5 A	20 A	1	1500 VA	1509 VA		1	20 A	5 A	LVL 1 LTG	2	
	3	INV	6 A	20 A	1		1647 VA	668 VA		1	20 A	2 A	LVL 1 LTG	4
	5	LVL 1 LTG	2 A	20 A	1			461 VA	4000 VA	3	20 A	14 A	VAV 1A-4	6
	7	VAV 1A-2	14 A	20 A	1	3889 VA	4000 VA							8
	9						4000 VA							10
	11	VAV 1A-5	18 A	30 A	1			5000 VA	3000 VA	1	20 A	11 A	VAV 1B-3	12
	13	VAV 1B-1	7 A	20 A	1	2000 VA	5000 VA		1	30 A	15 A	VAV 1B-3	14	
	15	VAV 1B-5	14 A	20 A	1		4000 VA	5000 VA	1	30 A	18 A	VAV 1B-4	16	
	17	L STAIR NO. 1 ST1	6 A	20 A	1			1642 VA	500 VA	1	20 A	2 A	SITE LTG	18
	19					500 VA				1	20 A	2 A	SITE LTG	20
	21						--	--		1	--	SPACE	22	
	23						--	--	--	1	--	SPACE	24	
	25	EXTERIOR LTG	5 A	20 A	1	1256 VA	--		--	1	--	SPACE	26	
	27	FUTURE SIGNAGE	2 A	20 A	1		500 VA	--		1	--	SPACE	28	
	29	ELEV PIT LTG	0 A	20 A	1			42 VA	--	1	--	SPACE	30	
	31	SPARE	--	20 A	1	0 VA	--			1	--	SPACE	32	
	33	SPARE	--	20 A	1		0 VA	--		1	--	SPACE	34	
	35	SPARE	--	20 A	1			0 VA	--	1	--	SPACE	36	
	37	SPARE	--	20 A	1	0 VA	--			1	--	SPACE	38	
	39	SPARE	--	20 A	1		0 VA	--		1	--	SPACE	40	
	41	SPARE	--	20 A	1			0 VA	--	1	--	SPACE	42	
Total Load:						19754 VA	15814 VA		14572 VA					
Total Amps:						72 A	58 A		53 A					
CIRCUIT BREAKER INFORMATION LEGEND:										ABBREVIATIONS:				
G = GROUND FAULT SENSING										MLO = MAIN LUGS ONLY				
S = SHUNT TRIP										CB = CIRCUIT BREAKER				
L = LOCK OUT										CKT = CIRCUIT				
A = ARC FAULT INTERRUPTER														
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals					
L			10153 VA		125.00%		12684 VA							
E			39989 VA		100.00%		39989 VA		Total Conn. Load: 50134 VA					
									Total Est. Demand: 52671 VA					
									Total Conn.: 60 A					
									Total Est. Demand: 63 A					
Notes:														

Branch Panel: H2A															
Location: ELEC. 260						Volts: 480/277 Wye				A.I.C. Rating: T80					
Supply From: MSB						Phases: 3				Mains Type: MLO					
Mounting: Surface						Wires: 4				Bus Amps: 125 A					
Enclosure: Type 1															
CB Info	CKT	Circuit Description	Amps	Trip	Poles	A	B	C	Poles	Trip	Amps	Circuit Description	CKT	CB Info	
	1	LVL 2 L7TG	5 A	20 A	1	1460 VA	2050 VA		1	20 A	7 A	LVL 2 L7TG	2		
	3	LVL 2 L7TG	1 A	20 A	1		392 VA	5000 VA		1	30 A	18 A	VAV 2B-1	4	
	5	LVL 2 L7TG	1 A	20 A	1				1	30 A	18 A	VAV 2B-2	6		
	7	VAV 2A-1	18 A	30 A	1	5000 VA	3000 VA		1	20 A	11 A	VAV 2B-3	8		
	9	VAV 2A-2	11 A	20 A	1		3000 VA	3000 VA		1	20 A	11 A	VAV 2B-4	10	
	11	VAV 2A-3	18 A	30 A	1			5000 VA	2000 VA	1	20 A	7 A	VAV 2B-5	12	
	13	VAV 2A-4	11 A	20 A	1	3000 VA	2000 VA			20 A	7 A	VAV 2B-6	14		
	15	VAV 2A-5	18 A	30 A	1		5000 VA	1500 VA		1	20 A	5 A	VAV 2B-7	16	
	17	VAV 2A-6	14 A	20 A	1			4000 VA	5000 VA	1	30 A	18 A	VAV 2B-8	18	
	19	VAV 2A-7	11 A	20 A	1	3000 VA	0 VA			0 A	—	SPARE	20		
	21	SPARE	—	20 A	1		0 VA	0 VA		1	20 A	—	SPARE	22	
	23	SPARE	—	20 A	1			0 VA	—	1	—	SPARE	24		
	25	SPACE	—	—	1				1	—	—	SPACE	26		
	27	SPACE	—	—	1				1	—	—	SPACE	28		
	29	SPACE	—	—	1				1	—	—	SPACE	30		
	31	SPACE	—	—	1				1	—	—	SPACE	32		
	33	SPACE	—	—	1				1	—	—	SPACE	34		
	35	SPACE	—	—	1				1	—	—	SPACE	36		
	37	SPACE	—	—	1				1	—	—	SPACE	38		
	39	SPACE	—	—	1				1	—	—	SPACE	40		
	41	SPACE	—	—	1				1	—	—	SPACE	42		
						Total Load:	19519 VA	17862 VA			21140 VA				
						Total Amps:	71 A	65 A			77 A				
CIRCUIT BREAKER INFORMATION LEGEND:										ABBREVIATIONS:					
G = GROUND FAULT SENSING										MLO = MAIN LUGS ONLY					
S = SHUNT TRIP										CB = CIRCUIT BREAKER					
L = LOCK OUT										CKT = CIRCUIT					
A = ARC FAULT INTERRUPTER															
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals											
L	4050 VA	125.00%	5062 VA	Total Conn. Load:	55550 VA										
E	54500 VA	100.00%	54500 VA	Total Est. Demand:	55962 VA										
				Total Conn.:	70 A										
				Total Est. Demand:	72 A										

GENERAL NOTES - LIGHTING

1. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR DIMENSIONED LOCATIONS OF LIGHT FIXTURES.
2. PROVIDE HOLD-ON-TYPE BREAKERS FOR EGRESS/EMERGENCY LIGHTING CIRCUITS. WIRE ALL EGRESS/EMERGENCY FIXTURES AHEAD OF ANY LOCAL SWITCHING.
3. LIGHT FIXTURES CONTROLLED BY SWITCH IN SAME ROOM UNLESS OTHERWISE NOTED.
4. WHERE DIMMERS AND/OR DIMMING SYSTEMS ARE REQUIRED, CONTRACTOR TO FURNISH DIMMERS THAT ARE COMPATIBLE WITH FIXTURE SOURCE AND RATED FOR THE WATTAGE OF THE DIMMING ZONE. PROVIDE ADDITIONAL DIMMERS AS REQUIRED TO MEET ZONE LOAD REQUIREMENTS.
5. ALL EXTERIOR LIGHTING TO BE CONTROLLED VIA TIMECLOCK, LOCATED IN THE MAIN ELECTRICAL ROOM. FIELD COORDINATE EXACT LOCATION.
6. CIRCUIT ALL EXIT SIGNS TO THE NEAREST EMERGENCY INVERTER CIRCUIT.

Keynote Legend	
Key Value	Keynote Text
1	COORDINATE COVE LIGHTING LENGTHS AND INSTALLATION REQUIREMENTS WITH ARCHITECT'S DRAWINGS, AND IN FIELD.
2	2'x1' COVE LIGHTING TO BE CONTROLLED VIA OCCUPANCY SENSOR LOCATED ON SECOND FLOOR CEILING.
3	PROVIDE JUNCTION BOX WITH DEDICATED 277V/1P, 20A CIRCUIT FOR FUTURE EXTERIOR SIGNAGE. COORDINATE POWER REQUIREMENTS AND EXACT LOCATION WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
4	PROVIDE (2) 277V/1P, 20A CIRCUITS FOR SITE LIGHTING. COORDINATE LIGHTING LAYOUTS, SPECIFICATIONS, CONTROLS, AND ELECTRICAL REQUIREMENTS WITH CIVIL DRAWINGS PRIOR TO ROUGH-IN.



1385 Central Avenue Cincinnati, Ohio 45202
P: 513-241-4422 F: 513-241-5900 www.ATAArch.com



SANTA MARIA COMMUNITY SERVICES
1048 CONSIDINE AVE.
CINCINNATI, OHIO 45205

CERTIFICATION

REVISIONS		
#	DATE	DESCRIPTION
1	01/09/2026	80% PROGRESS SET
2	01/30/2026	PERMIT ISSUE
5	03/24/2026	ADDENDUM No. 5
6	08/07/2026	OWNER REQUESTED CHANGE

PROJECT #: 6568
DRAWN: Author CHECKED: Checker

LIGHTING - FIRST FLOOR

E201



515 MONROUTH ST. NEWPORT, KY 41071
T: 606.506.7050 F: 606.758.4188 WWW.RTMCC.COM



REVISIONS		
#	DATE	DESCRIPTION
6	08/07/2026	OWNER REQUESTED CHANGE

PROJECT #: 6568
DRAWN: Author CHECKED: Checker

CERTIFICATION

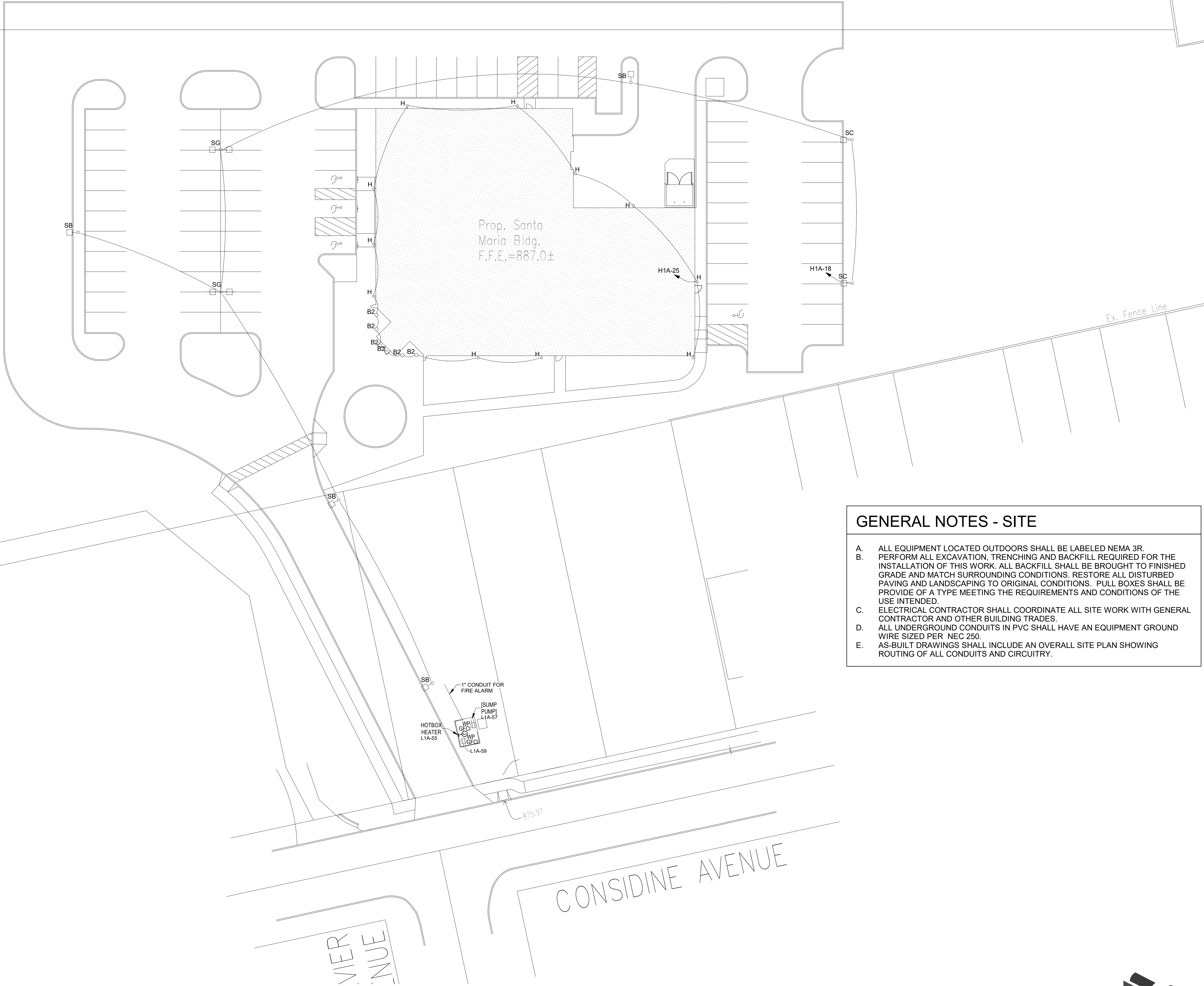
SANTA MARIA COMMUNITY SERVICES
1048 CONSIDINE AVE.
CINCINNATI, OHIO 45205



modelgroup

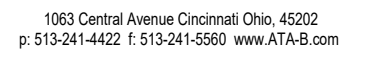


Luminaire Schedule										
Symbol	Qty	Label	Arrangement	LLF	Luminaire Lumens	MANUFACTURER	Description	Filename	Luminaire Watts	Mounting Height
	4	SB	Single	0.900	13972	EXO	SGS-150-X-LSCS-UNVC (4000K Type 3 85W)-(SSSH20-40B-1-FINISH)	SGS-150-X-LSCS-UNVC_4000K_Type3_85W.ies	85	22.5
	2	SC	Single	0.900	13986	EXO	SGS-150-X-LSCS-UNVC (4000K Type 4 85W)-(SSSH20-40B-1-FINISH)	SGS-150-X-LSCS-UNVC_4000K_Type4_85W.ies	85	22.5
	2	SG	Back-Back	0.900	13986	EXO	2/SGS-150-X-LSCS-UNVC (4000K Type 4 85W)-(SSSH20-40B-2-FINISH)	SGS-150-X-LSCS-UNVC_4000K_Type4_85W.ies	85	22.5



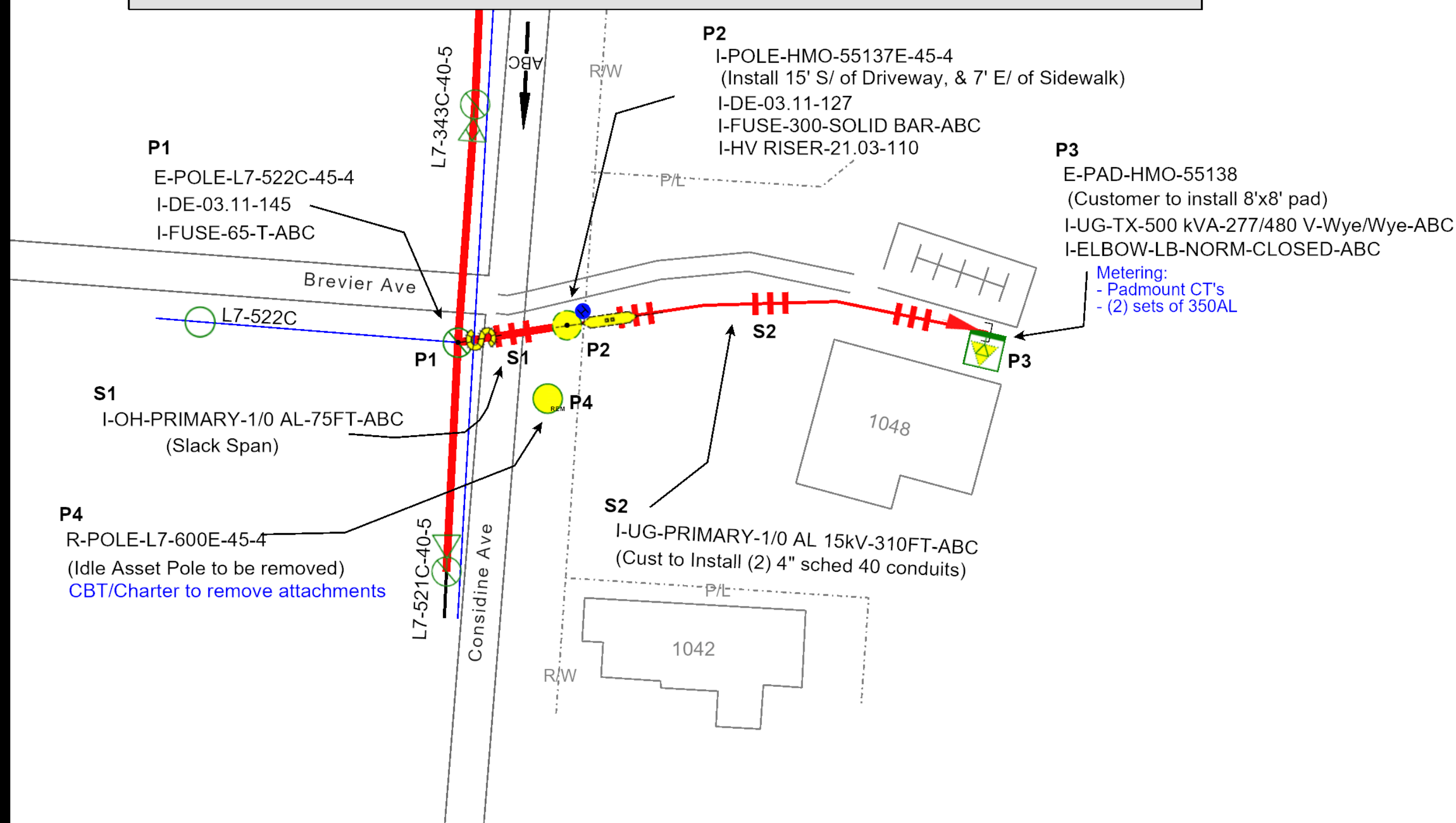
GENERAL NOTES - SITE

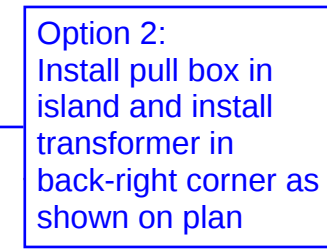
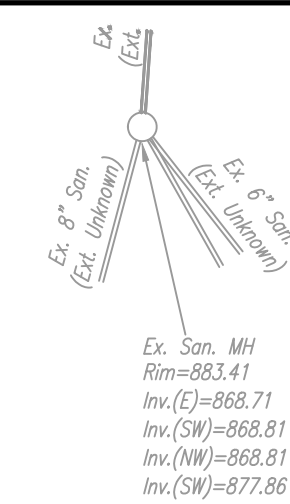
- ALL EQUIPMENT LOCATED OUTDOORS SHALL BE LABELED NEMA 3R.
- PERFORM ALL EXCAVATION, TRENCHING AND BACKFILL REQUIRED FOR THE INSTALLATION OF THIS WORK. ALL BACKFILL SHALL BE BROUGHT TO FINISHED GRADE AND MATCH SURROUNDING CONDITIONS. RESTORE ALL DISTURBED PAVING AND LANDSCAPING TO ORIGINAL CONDITIONS. PULL BOXES SHALL BE PROVIDE OF A TYPE MEETING THE REQUIREMENTS AND CONDITIONS OF THE USE INTENDED.
- ELECTRICAL CONTRACTOR SHALL COORDINATE ALL SITE WORK WITH GENERAL CONTRACTOR AND OTHER BUILDING TRADES.
- ALL UNDERGROUND CONDUITS IN PVC SHALL HAVE AN EQUIPMENT GROUND WIRE SIZED PER NEC 250.
- AS-BUILT DRAWINGS SHALL INCLUDE AN OVERALL SITE PLAN SHOWING ROUTING OF ALL CONDUITS AND CIRCUITRY.



Customer Responsibilities:

- Install 8X8 flat pad HMO-55098 for transformer per Duke Energy Figure 112.
- Pad must be located within 10' of drivable surface that can support a 40,000# GVW line truck.
- Install (2) 4 conduit (sched 40) with pull strings & caps, from pole L7-600E to pad HMO-55098, per Duke Energy Figure 101 & 108.
- Install vehicle protection per Duke Energy Figure 122A & 122B, where padmount equipment is exposed to vehicle traffic.
- Install all service conductors & conduits.
- Duke Energy drawings referenced above can be accessed online
- Customer-installed infrastructure and primary trench must be inspected by Duke Energy before back-filled.
- Contact Logan Schultz 513-882-2988 for inspection.
- All requirements on Site Readiness Checklist must be complete before Duke Energy will proceed with installation





Option 1:
Eliminate (1) parking space
expand island and install
transformer at this location

Approximate route
of primary service

(HB) Denotes Prop. Above Ground
Backflow Preventer W/Heated
Enclosure Conforming To GCWW
Specs. Std. Dwg. 108-5C
W/Class "C" Conc. Pad

Prop. Dual Service Branch
Setting w/Sump Pump &
Tamper Switches Per
GCWW Std. Dwg. 108-14A

CONSIDINE AVENUE

Date	12-5-25
Drawn By	B.P.
Checked By	C.A.
Scale	1" = 30'
REVISIONS	
1-9-26, 80% PROGRESS SET	
7-30-26, PERMIT ISSUE	
8-24-26, ALUMINUM ROL. C	
5-28-26, ESD-MEMO REVISIONS	
TWO:	25-0131 USGWB BP-STPL-PH2

UTILITY PLAN

**Abercrombie
& Associates, Inc.**

Civil Engineering + Surveying
8111 Cheviot Road, Suite 200
Cincinnati, Ohio 45247
513-385-5757
www.abercrombie-associates.com

Job No. 25-0131
Page C 400

THIS DRAWING AND THE DESIGN CONCEPTS REPRESENTED, AS INSTRUMENTS OF SERVICE, ARE THE SOLE PROPERTY OF ABERCROMBIE & ASSOCIATES INC., AND MAY NOT BE USED, REPRODUCED, OR COPIED FOR ANY PURPOSE WITHOUT PRIOR WRITTEN AUTHORIZATION OF ABERCROMBIE & ASSOCIATES, INC.


OHIO
Utilities Protection
SERVICE
Call Before You Dig

1-800-362-2764


811
Know what's below.
Call before you dig.

1-800-362-2764