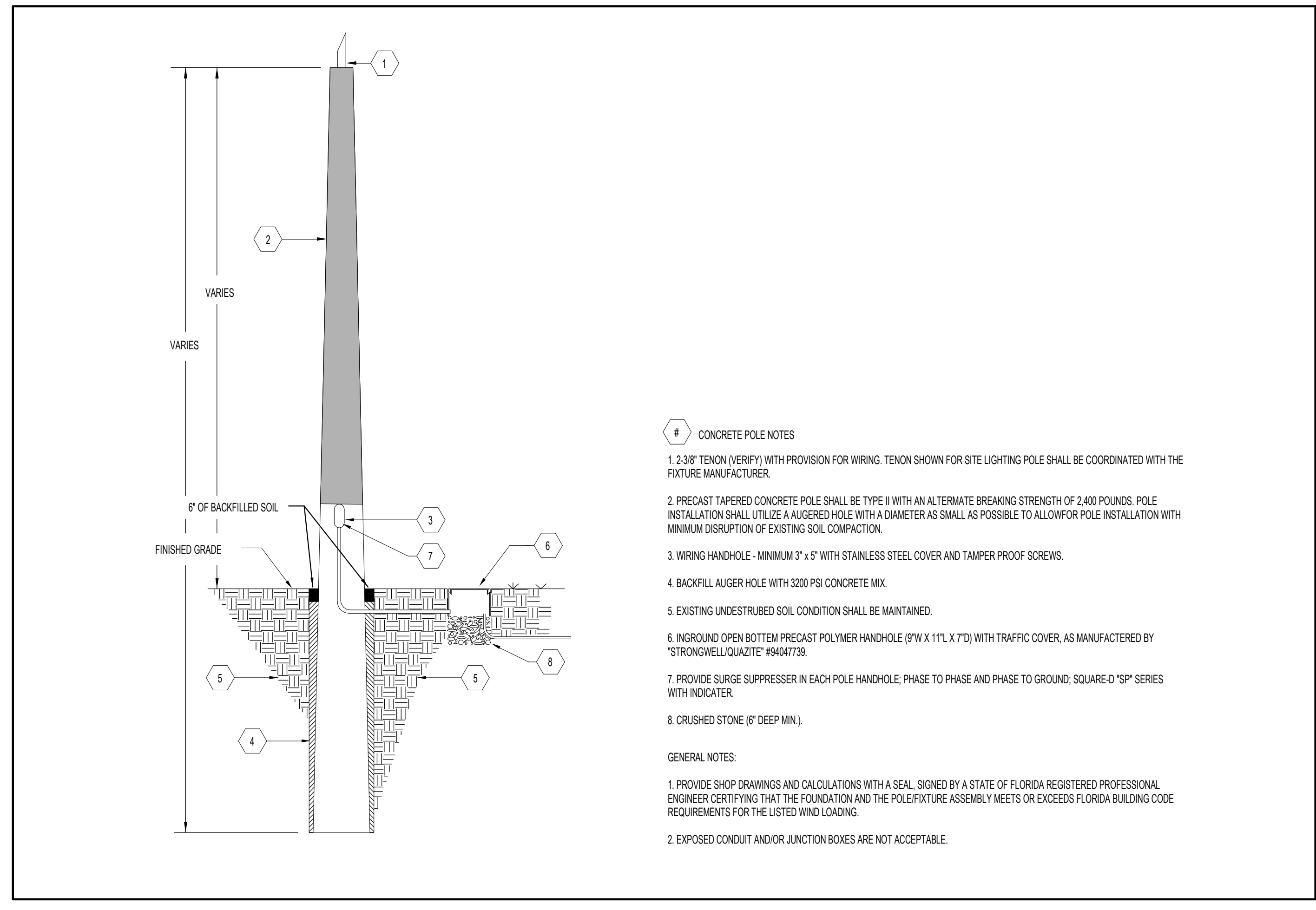


Symbol	Code	Description
ETR	ETR	ETR
RELOCATED	RELOCATED	RELOCATED

Symbol	Code	Description
ED	ED	ED
E15	E15	E15
E16	E16	E16
E17	E17	E17
E18	E18	E18
E19	E19	E19
E20	E20	E20
EM	EM	EM
EL	EL	EL
EL4	EL4	EL4
EL5	EL5	EL5
EL6	EL6	EL6
EL7	EL7	EL7
EL8	EL8	EL8
EL9	EL9	EL9
EL10	EL10	EL10
EL11	EL11	EL11
EL12	EL12	EL12
EL13	EL13	EL13
EL14	EL14	EL14
EL15	EL15	EL15
EL16	EL16	EL16
EL17	EL17	EL17
EL18	EL18	EL18
EL19	EL19	EL19
EL20	EL20	EL20

**1 SITE PLAN - PHOTOMETRICS**  
 1" = 20'-0"

**SMH Venice IR-MRI Expansion**  
 2600 Laurel Rd., E., North Venice, FL 34275



- CONCRETE POLE NOTES**
1. 2.38" TENON (VERIFY WITH PROVIDER FOR WIRING. TENON SHOWN FOR SITE LIGHTING POLE SHALL BE COORDINATED WITH THE FUTURE MANUFACTURER).
  2. PRECAST TAPERED CONCRETE POLE SHALL BE TYPE 1 WITH AN ALLOWABLE BREAKING STRENGTH OF 2,400 POUNDS. POLE INSTALLATION SHALL UTILIZE A AUGERED HOLE WITH A DIAMETER AS SMALL AS POSSIBLE TO ALLOW FOR POLE INSTALLATION WITH MINIMUM DISRUPTION OF EXISTING SOIL COMPACTION.
  3. WIRING HANDHOLE - MINIMUM 3" x 7" WITH STAINLESS STEEL COVER AND TAMPER PROOF SCREWS.
  4. BACKFILL AUGER HOLE WITH 1000 PSF CONCRETE MIX.
  5. EXISTING UNCESTRIBED SOIL CONDITION SHALL BE MAINTAINED.
  6. INGROUND OPEN BOTTOM PRECAST POLYMER HANDHOLE (8" W X 11" L X 7" H) WITH TRAFFIC COVER, AS MANUFACTURED BY "STRONGWELL QUADRIC" BRAND.
  7. PROVIDE SURGE SUPPRESSOR IN EACH POLE HANDHOLE. PHASE TO PHASE AND PHASE TO GROUND. SQUARE-D "SP" SERIES WITH INDICATOR.
  8. CRUSHED STONE (6" DEEP MIN.).
- GENERAL NOTES**
1. PROVIDE SHOP DRAWINGS AND CALCULATIONS WITH A SEAL, SIGNED BY A STATE OF FLORIDA REGISTERED PROFESSIONAL ENGINEER CERTIFYING THAT THE FOUNDATION AND THE POLE/ENTRANCE ASSEMBLY MEETS OR EXCEEDS FLORIDA BUILDING CODE REQUIREMENTS FOR THE LISTED WIND LOADING.
  2. EXPOSED CONDUIT AND/OR JUNCTION BOXES ARE NOT ACCEPTABLE.

**2 DIRECT BURIAL CONCRETE POLE INSTALLATION**  
 12" = 1'-0"

**Radean Post Top LED Area Luminaire**

Introduction  
 The architecturally-inspired shape of the RADEAN™ post top area luminaire embodies the grace and strength of the RADEAN family. The twin copper-core cast aluminum arms support the slender superstructure, creating a beautiful sculpture by day transforming into a beacon of comfort by night. Triangular arms redirect reflection maintaining its visually quiet appearance. With sleek lines and simple silhouettes, these LED luminaires use specialized lighting and visual comfort to transform common areas like courtyards, outdoor retail locations, universities and corporate campuses into pedestrian-friendly nighttime environments.

**Specifications**

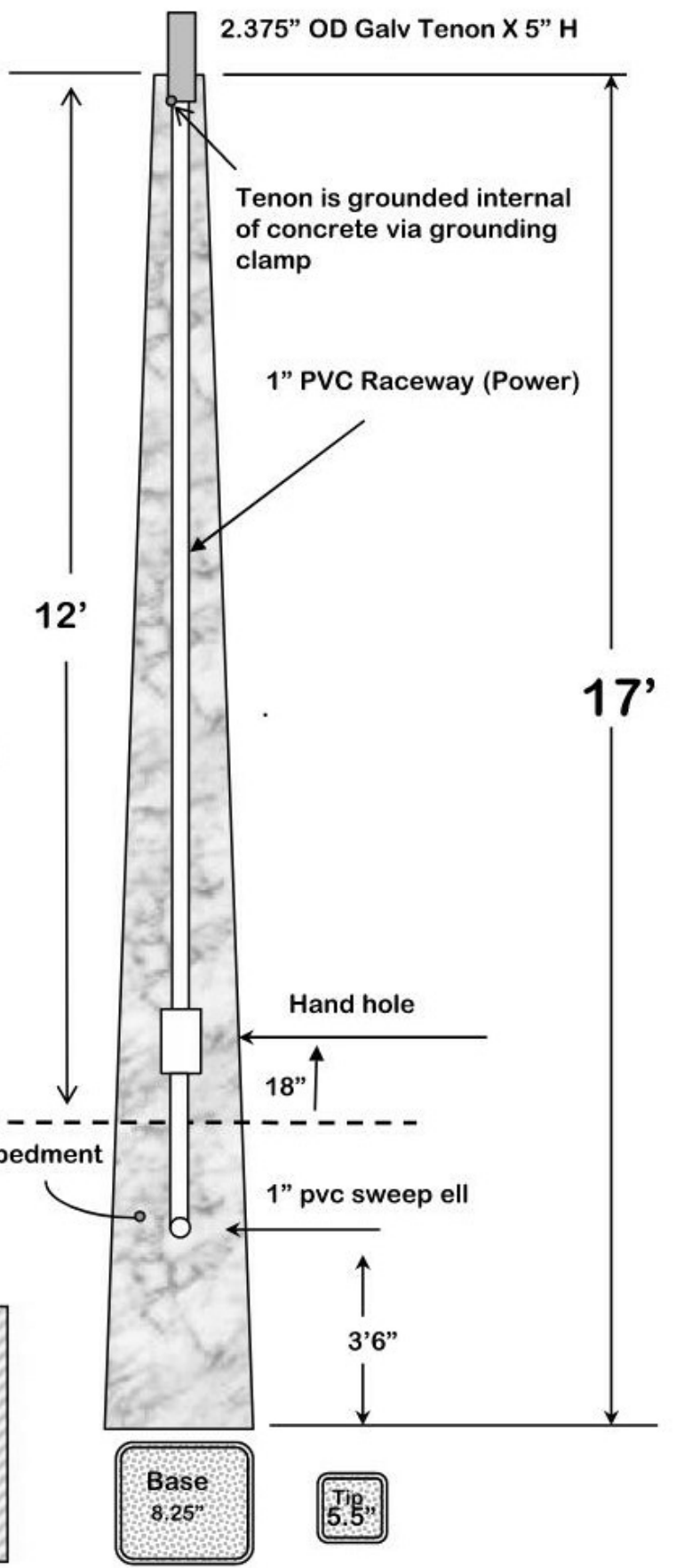
EPA: 1.03 ft<sup>2</sup> (0.103 m<sup>2</sup>)  
 Length: 24" (61cm)  
 Width: 24" (61cm)  
 H1 Luminaire Height: 4" (10.16cm)  
 H2 Luminaire Height: 25" (63.5cm)  
 Weight: 38lbs (17.24kg)

**Ordering Information**

Series	Performance package	Color temperature	Distribution	Voltage	Mounting
RADPT LED					
RADPT LED	P1 10,000 Lumens	27K 2700K	DM	120V	PS1 Slip side 4" OD steel rod pole
	P2 15,000 Lumens	30K 3000K	ASB Asymmetric type II	120V 240V	RADPTD Slip side 2.38" diameter tenon
	P3 20,000 Lumens	27K 2700K	PRM Pathway type II	208V 480V	RADPTES Slip over 2.18" diameter tenon
	P4 30,000 Lumens	40K 4000K			
	P5 15,000 Lumens	50K 5000K			

**Utilities Structures Inc.**  
 1.800.708.FORUM  
 US1171-8836

- Prestressed Concrete Pole**
- Pole Weight= 880
  - Wind speed= 175mph V ult
  - Gust factor = 1.2
  - Load Factor = 1.3
  - Risk Category II
  - Exposure "C"
  - 2017 FBC 1620 HVHZ, 1609, 1819
  - ASCE 7-10
  - Min. Grk. Strength= 1200#
  - Concrete= 6,500lbs @ 28 days
  - Grd. Wire= # 6str. copper
  - Strand= 3/8" @ 70% Ultimate
- SELECT STRUCTURAL, L.L.C.**  
 SHAWN R. ANDERSON, P.E., S.E.



**PROJECT:**  
 This pole embedded 5' in to soils with an allowable passive pressure of pcf is structurally adequate to resist the local wind speed of county with the 1.0gcpf eps attached.

Emory Neal Boothe, P.E.  
 Florida License #54803

Professional Engineer  
 State of Florida  
 No. 54803

Revision		
No.	Date	Description

**SITE PLAN - PHOTOMETRICS**

**E006**

50345.00  
 01.20.2026