40A8RT219DB

Round Tapered Direct Burial Aluminum Light Pole 40 Foot Above Grade, 8 Inch Diameter, 0.219 Inch Wall Thickness

PRODUCT DESCRIPTION

Pole Top Options: Poles are provided with either a removable top cap or a welded aluminum tenon. A 2-3/8 inch outside diameter tenon with 4 inches in length is the most common; however, other tenon options are available. Customers should confirm the appropriate tenon size required by their project prior to ordering. Poles with a top cap can also be drilled during fabrication. The drill pattern and orientation need to be provided by the customer unless Energy Light fixtures are being used for the project.

Pole Shaft: The pole shaft will be constructed of seamless extruded tube of 6063 aluminum alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated to produce a T6 temper.

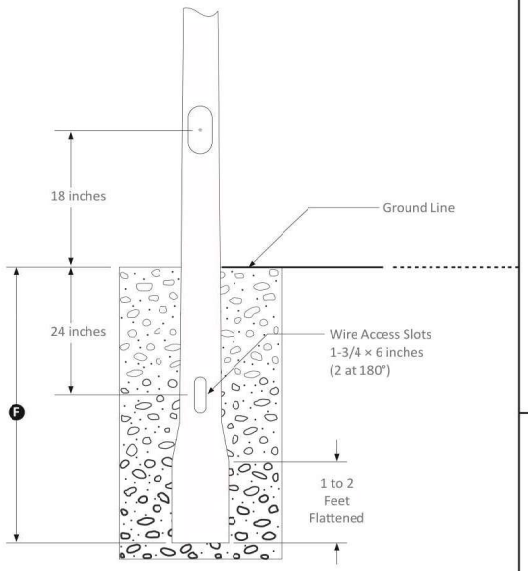
Handhole: A reinforced handhole with grounding provision is provided at 18 inches from the base end of the pole assembly. Each handhole includes a cover and the attachment hardware.

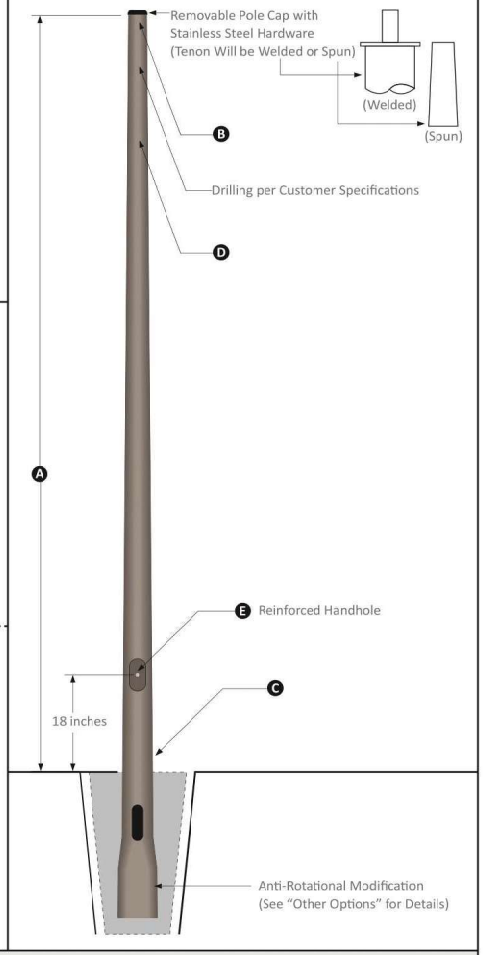
Color and Finish Options: The standard finish for our aluminum light poles is a natural aluminum finish. Our poles are also available with a commercial grade, powder coat finish for an additional charge. Standard color options include dark bronze, black, gray, green, and white; however, custom color options are also available.

Other Options: The Following options are available. Please consult one of our light pole experts for details: Custom tenon size, custom color, electric/GFI outlet, custom pole height and additional handholes. Anti-Rotational Modification is also an option. Poles will be partially flattened into an anti-rotational, oval cross section, for added stability.

Specification Table		
Mounting Height (ft.)	A	40
Top Diameter (in.)	B	4.5
Butt Diameter (in.)	C	8
Wall Thickness (in.)	D	0.219
Handhole (in.)	E	4 x 6
Embedment (ft.)	F	5

Maximum EPA with 1.3 Gust Factor:		
90 mph:	12.8	Square Feet
100 mph:	9.2	Square Feet
120 mph:	6.4	Square Feet
130 mph:	5.2	Square Feet





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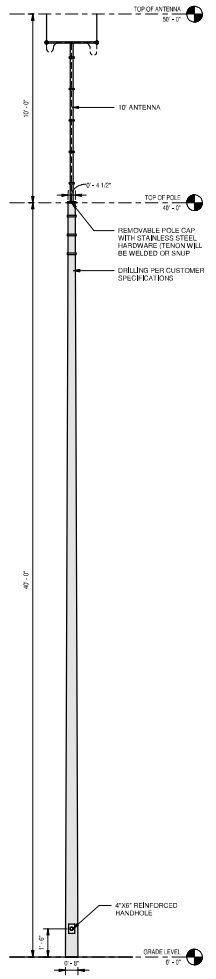

1 POLE ELEVATION
3/8" = 1'-0"

Licensed Structural Engineers

7505 FANNIN STREET SUITE 440
HOUSTON, TX 77054
(713) 999 5384

SITE PLAN "WEKIVA WELL 9"

1460 E Wekiva Trail, Longwood, FL 32779, USA

No.	Description	Date

POLE DETAILS

Project Number	TSE-2021-3782
Date	06-06-24
Drawn By	Author
Checked By	Checker

A1.02

Scale	3/8" = 1'-0"

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This is a 30"x42" size sheet. Any other size is not full scale.