

40A8RT219DB

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

PRODUCT DESCRIPTION

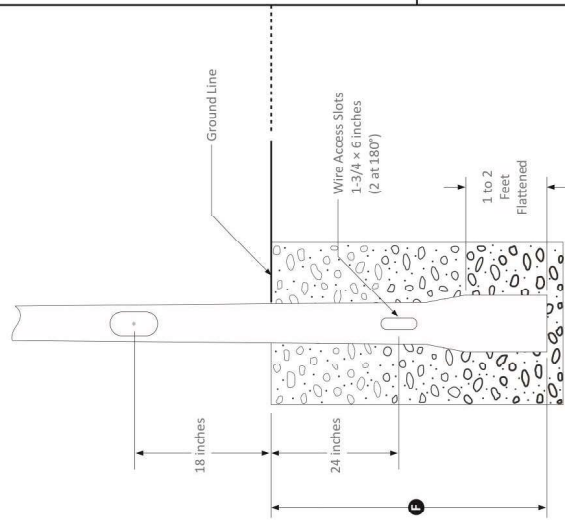
**Pole Top Options:** Poles are provided with either a removable top cap or a welded aluminum tenon. A 2-3/8 inch outside diameter tenon with 4 inches in length is the most common; however, other tenon options are available. Customers should confirm the appropriate tenon size required by their project 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 grouncing provision is provided at 18 inches from the base end of the pole assembly. Each handhole includes a cover and the attachment hardware.

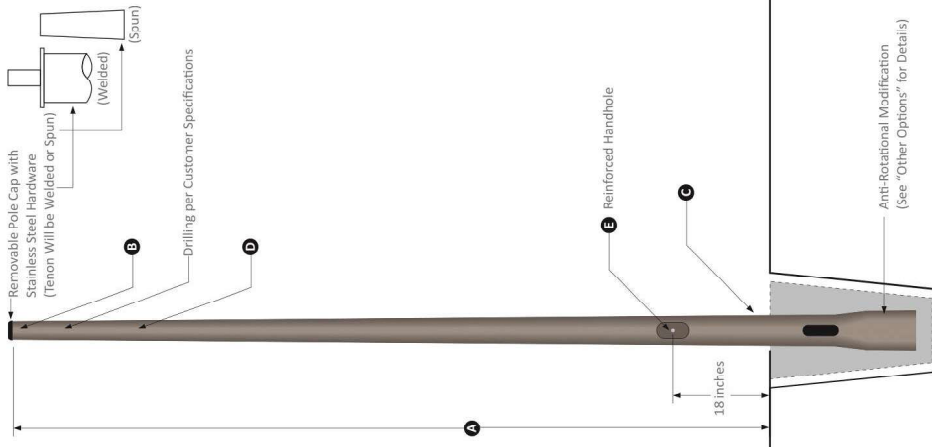
**Color and Finish Options:** The standard finish for our aluminum light poles is a natural aluminum finish. Our poles are also available with a commercial grade, powder coat finish for an additional charge. Standard color options include dark bronze, black, gray, green, and white; however, custom color 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 a so 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:                          | 6.2 Square Feet  |
| 120 mph:                          | 6.4 Square Feet  |
| 130 mph:                          | 5.2 Square Feet  |



7505 FANNIN STREET, SUITE 440  
HOUSTON, TX 77064  
(713) 989 5354

**SITE PLAN  
"OAKLAND  
SHORES WTP"**  
**620 Lake Shore Dr, Maitland,  
FL 32751, USA**

| No. | Description | Date |
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**POLE DETAILS**

|                |               |
|----------------|---------------|
| Project Number | TSE-2021-3782 |
| Date           | 06-06-24      |
| Drawn By       | Author        |
| Checked By     | Checker       |
| <b>A1.02</b>   |               |
| Scale          | 3/8" = 1'-0"  |

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