# 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.

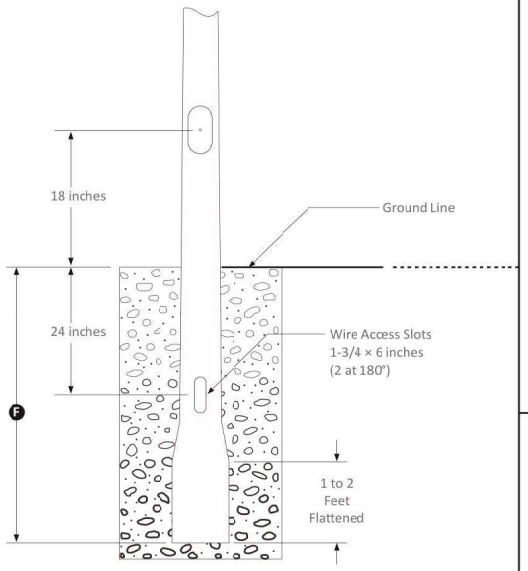
**Handhole:** A reinforced handhole with grounding provision is provided at 18 inches from the base end of the pole assembly. Each handhole includes a cover and the attachment hardware.

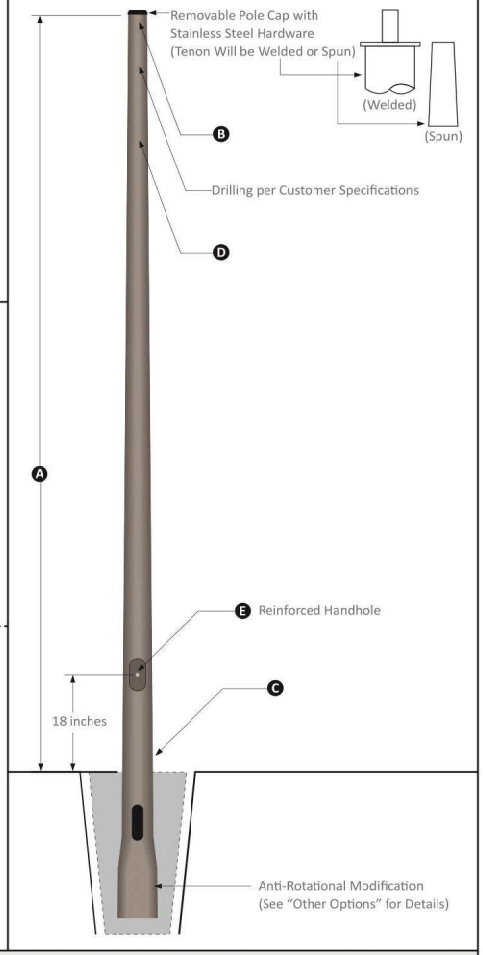
**Color and Finish Options:** The standard finish for our aluminum light poles is a natural aluminum finish. Our poles are also available with a commercial grade, powder coat finish for an additional charge. Standard color options include dark bronze, black, gray, green, and white; however, custom color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

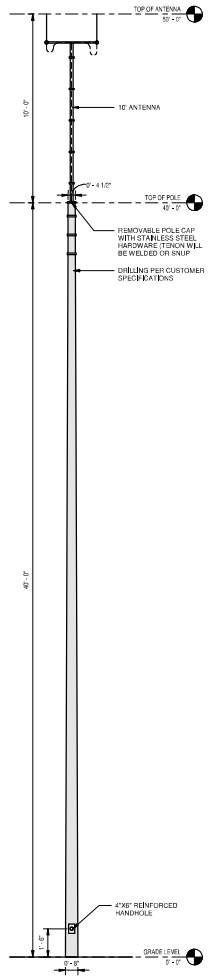
**Other Options:** The Following options are available. Please consult one of our light pole experts for details: Custom tenon size, custom color, electric/GFI outlet, custom pole height and additional handholes. Anti-Rotational Modification is also an option. Poles will be partially flattened into an 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: | 8.2 | Square Feet |
| 120 mph: | 6.4 | Square Feet |
| 130 mph: | 5.2 | Square Feet |




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

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

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# SITE PLAN "RAVENNA PARK WTP"

**111 Temple Dr. Sandford FL 32771**

| 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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