# RTS 35-40

## 35-40' ROUND TAPERED STEEL (0.120 Standard Wall)

POLES & LIGHTING

Job Name: _____ Location: _____ Quote: _____

Client Name: _____ Type: _____ Quote Date: _____

AV POLES & LIGHTING
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Lancaster, CA 93535
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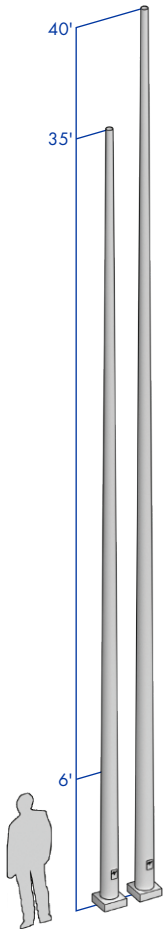
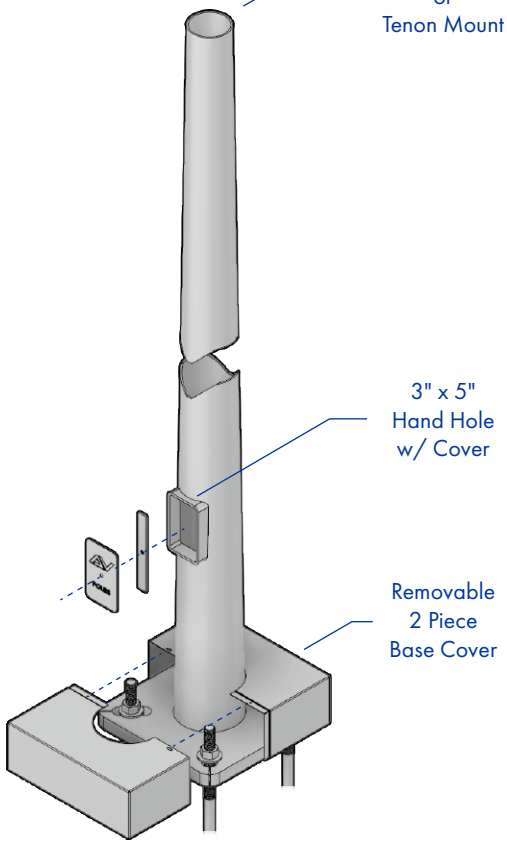



SUITABLE FOR **WET LOCATIONS**

DBZ BLK WHT GRY GRN

**SHAFT:** Commercial-quality, hot-rolled, carbon steel tubing with a minimum yield strength of 55,000 PSI, conforms to ASTM A595 grade A. Shaft has a uniform taper of 014" per foot.
**GROUNDING:** Provision; 3/8-16 Threaded stud welded to inner shaft wall opposite hand hole. Flat washer and hex nut provided.
**HARDWARE:** S304 stainless steel

**FINISH:** TGIC thermoset polyester powder coat finish is electrostatically applied at a 3.0 mil minimum thickness. A five stage metal pretreatment process and sealer provide maximum corrosion resistance. The powder top coat is baked in excess of 400 degrees for supreme endurance.

### POLE SCHEDULE

| CATALOG NUMBER | POLE HEIGHT | SHAFT SIZE | WALL GAUGE | BOLT CIRCLE | ANCHOR BOLTS |
|---|---|---|---|---|---|
| RTS-35-11 | 35' | Ø7.75"-2.6" | 11 | 13.5" | 1" x 36" x 4" |
| RTS-40-11 | 40' | Ø8.1"-2.6" | 11 | 13.5" | 1" x 36" x 4" |

### E.P.A. DATA SCHEDULE

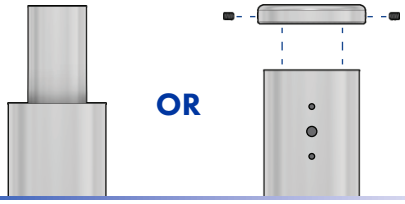
Calculations based on sustained wind forces plus additional 1.3 mph gust.

| MAX. FIXT. WT. | 70 MPH | 80 MPH | 90 MPH | 100 MPH |
|---|---|---|---|---|
| 375 | 22.4 | 17.2 | 12.5 | 10.3 |
| 350 | 21.1 | 15.7 | 11.0 | 8.8 |

## TENON OR DRILL MOUNT

**TENON MOUNT:** Available with 2.375", 2.875", or 3.00" O.D. tenon

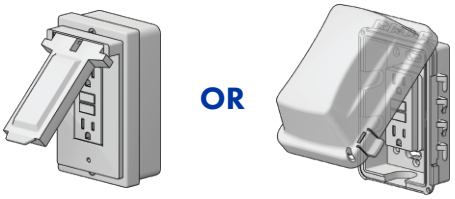
**DRILL MOUNT:** Removable top cap provided with drill-mount poles




## GFI RECEPTACLE

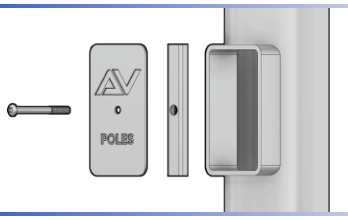
**GFI-METAL COVER:** 2 gang vertical GFI receptacle with NEC 2017 Section 406.9(B)(1) compliant metal cover.

**GFI-WEATHER PROOF IN-USE COVER:** 2 gang vertical GFI receptacle with In Use Non Metallic cULus listed cover.



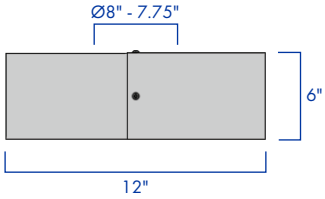

## HAND HOLE

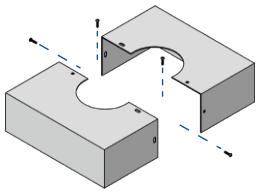
**HAND HOLE:** Reinforced 3" x 5" hand hole is located 18" above base. Cover and attachment hardware provided.




## BASE COVER

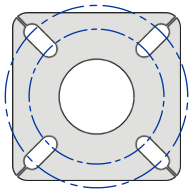
**BASE BOLT COVER:** Two-piece standard full base cover is fabricated from folded aluminum and provided with S304 stainless steel hardware. Round cast or spun aluminum base covers are available.



## ANCHOR PLATE

**ANCHOR PLATE:** Fabricated from hot-rolled carbon steel plate conforming to ASTM A36; meets or exceeds minimum yield strength of 36,000 PSI. All welds shall conform to AWS D1.1. Base plate and shaft are circumferentially welded top and bottom.



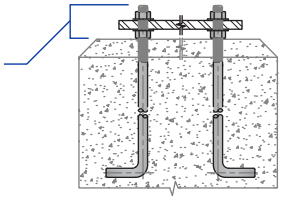
**STL-3 RD Template**
12.75" x 12.75" x 1" Anchor Plate
9.5" - 14.5" DIA. Bolt Circle

## ANCHOR BOLTS

**ANCHOR BOLTS:** Fabricated from hot-rolled carbon steel bar with minimum yield strength of 55,000 PSI. Bolts are fully galvanized and conform to ASTM-F1554 A55. Each bolt is furnished with two hex nuts and two flat washers.

**Bolt Projection Above Grade**

Minimum.....3.25"
Maximum.....3.75"



# ORDERING INFORMATION

AVPL-RTS - _____ - _____ - _____ - _____ - _____ - _____ - _____

| HEIGHT | SHAFT | SHAFT WALL | MOUNTING | GFI | ACCESSORIES | FINISH |
|---|---|---|---|---|---|---|
| **35'** | **TAPERED**<br>0.14" Per Foot | **0.120"**<br>11 Gauge | **PT23**<br>Ø2.375" TENON | **GFI**<br>with METAL COVER | **BEB**<br>BANNER EYE BOLT | **DBZ**<br>DARK BRONZE |
| **40'** | | | **PT27**<br>Ø2.875" TENON | **GFI**<br>with WEATHER PROOF IN-USE COVER | **CPLN**<br>THREADED COUPLING | **BLK**<br>BLACK |
| | | | **PT30**<br>Ø3.00" TENON | | **BA**<br>BANNER ARMS | **WHT**<br>WHITE |
| | | | **1@90**<br>POLE DRILLING | | **BH**<br>BASKET HOLDERS | **GRY**<br>GREY |
| | | | **2@90**<br>POLE DRILLING | | **FH**<br>FLAG HOLDERS | **GRN**<br>GREEN |
| | | | **2@180**<br>POLE DRILLING | | | **GALV**<br>GALVANIZED |
| | | | **3@120**<br>POLE DRILLING | | | |
| | | | **4@90**<br>POLE DRILLING | | | |
| CONTACT FACTORY FOR HEIGHT OPTIONS | | | CONTACT FACTORY FOR DRILLING OPTIONS | | CONTACT FACTORY FOR DETAILS | ALL **RAL** COLORS AVAILABLE |