# SSS 6-7

## 6" SQUARE STRAIGHT STEEL (0.180 Heavy 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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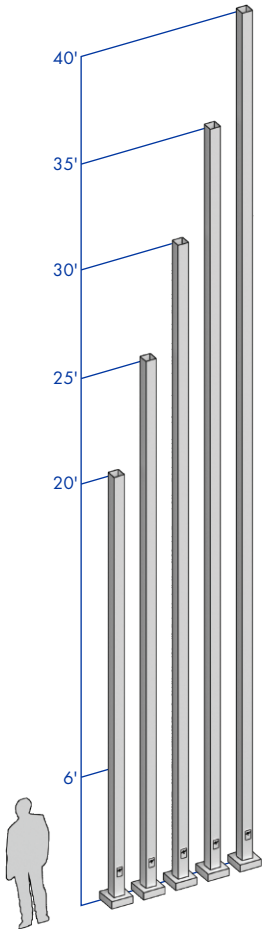
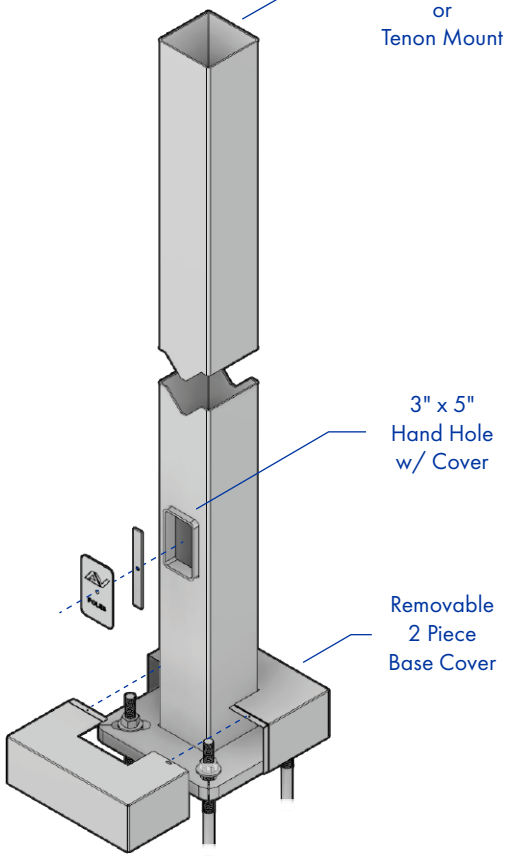



SUITABLE FOR **WET LOCATIONS**

DBZ BLK WHT GRY GRN

**SHAFT:** Commercial-quality, hot-rolled, carbon steel tubing with a minimum yield strength of 46,000 PSI, conforms to ASTM A500 grade B.

**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 |
|---|---|---|---|---|---|
| SSS-206-7 | 20' | 6" x 6" | 7 | 11.5" | 1" x 36" x 4" |
| SSS-256-7 | 25' | 6" x 6" | 7 | 11.5" | 1" x 36" x 4" |
| SSS-306-7 | 30' | 6" x 6" | 7 | 11.5" | 1" x 36" x 4" |
| SSS-356-7 | 35' | 6" x 6" | 7 | 13.5" | 1" x 36" x 4" |
| SSS-406-7 | 40' | 6" x 6" | 7 | 13.5 | 1" x 36" x 4" |

## E.P.A. DATA SCHEDULE

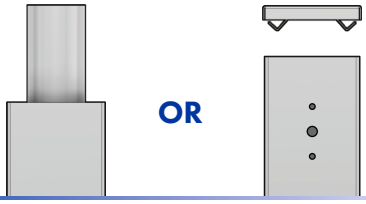
Calculations based on sustained wind forces plus additional 1.3 mph gust.

| MAX. FIXT. WT. | 70 MPH | 80 MPH | 90 MPH | 100 MPH | 150 MPH |
|---|---|---|---|---|---|
| 400 | 52.3 | 34.5 | 26.4 | 22.1 | N/A |
| 400 | 37.3 | 29.4 | 22.0 | 14.9 | N/A |
| 400 | 29.7 | 21.0 | 14.7 | 10.0 | 3.8 |
| 400 | 21.1 | 13.8 | 6.9 | 5.1 | N/A |
| 400 | 14.5 | 9.5 | 5.6 | 2.7 | N/A |

## TENON OR DRILL MOUNT

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

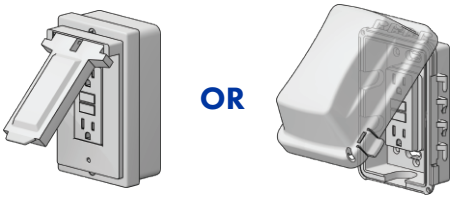
**DRILL MOUNT:** Removable top cap provided with drill-mount poles




## GFI RECEPTACLE

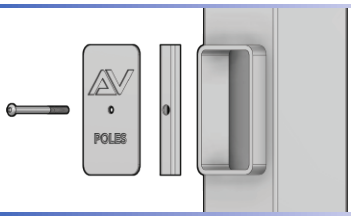
**GFI-METAL COVER:** 2 gang vertical GFI receptacle with NEC 2017 Section 406.9(B)(1) compliant metal cover.

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



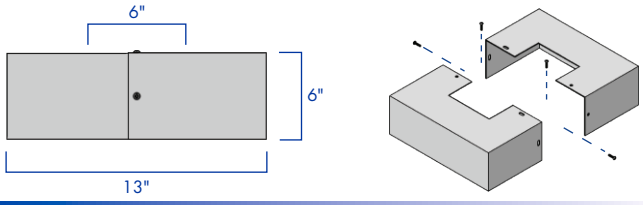

## HAND HOLE

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



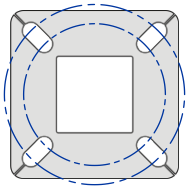

## BASE COVER

**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.



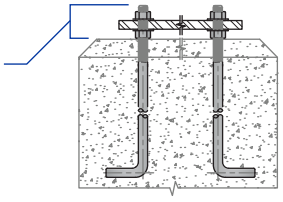
**STL-3 SQ Template**
12.75" x 12.75" x 1" Anchor Plate
11" - 14.5" DIA. Bolt Circle

## 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-SSS - _____ - _____ - _____ - _____ - _____ - _____ - _____

| HEIGHT | SHAFT | SHAFT WALL | MOUNTING | GFI | ACCESSORIES | FINISH |
|---|---|---|---|---|---|---|
| 20' | 6" 6" x 6" Square | 0.180" 7 Gauge | PT23 Ø2.375" TENON | GFI with METAL COVER | BEB BANNER EYE BOLT | DBZ DARK BRONZE |
| 25' | | | PT27 Ø2.875" TENON | GFI with WEATHER PROOF IN-USE COVER | CPLN THREADED COUPLING | BLK BLACK |
| 30' | | | PT30 Ø3.00" TENON | | BA BANNER ARMS | WHT WHITE |
| 35' | | | 1@90 POLE DRILLING | | BH BASKET HOLDERS | GRY GREY |
| 40' | | | 2@90 POLE DRILLING | | FH FLAG HOLDERS | GRN GREEN |
| | | | 2@180 POLE DRILLING | | | GALV GALVANIZED |
| | | | 3@90 POLE DRILLING | | | |
| | | | 4@90 POLE DRILLING | | | |
| CONTACT FACTORY FOR HEIGHT OPTIONS | | | CONTACT FACTORY FOR DRILLING OPTIONS | | CONTACT FACTORY FOR DETAILS | ALL RAL COLORS AVAILABLE |