



**POLES & LIGHTING**

# AVPL-RSS-6" • ROUND STRAIGHT STEEL SERIES • 7 GA. (.180 HEAVY WALL)

## STEEL POLE SPECIFICATIONS:

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

**ANCHOR BASE:** 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 is circumferentially welded top and bottom.

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

**BASE BOLT COVER:** Two-piece standard full base cover is fabricated from heavy gauge quality carbon steel and pretreated with corrosion inhibitors. Provided with S304 stainless steel hardware. Spun and cast aluminum covers are available.

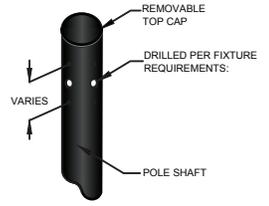
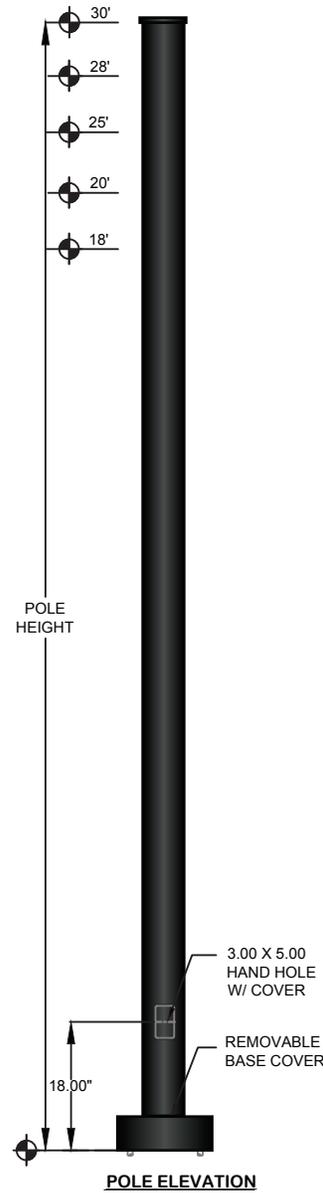
**GROUNDING:** Provision; 3/8-16 Threaded stud welded to inner shaft wall opposite hand hole. Flat washer and hex nut provided.

**HAND HOLE:** Reinforced 3" x 5" hand hole is located 18" above base. Cover and attachment hardware provided. Location at 90 deg. from drilling.

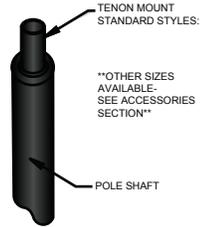
**HARDWARE:** S304 stainless steel

**TOP CAP:** Removable top cap provided with drill-mount poles

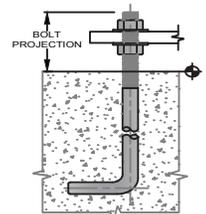
**FINISH:** TGIC thermoset polyester powder coat finish is electrostatically applied at a 3.0 mil nominal thickness. A five stage metal pretreatment process and sealer provide maximum corrosion resistance. The powder top coat is baked in excess of 400 degrees for supreme endurance.



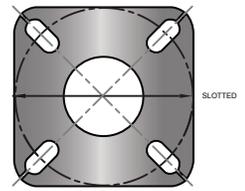
**DRILLED MOUNT STYLES**



**TENON MOUNT STYLES**



**ANCHOR BOLT**  
MINIMUM.....3 1/2"  
MAXIMUM.....3 3/4"



**STL-3 TEMPLATE**  
13.50 X 13.50 X 1.00 ANCHOR PLATE  
11.50" - 14.50" DIA. BOLT CIRCLE

POLE HEIGHT	TOP DIA. SIZE (in.)	BOTTOM DIA. SIZE (in.)	GAUGE	MOUNTING HEIGHT (ft.)
Per Pole Schedule	6.00	6.00	7	Per Pole Height

BOLT CIRCLE (in.)	BASE PLATE DIM. (in.)	BOLT HOLE (in.)	PLATE THICKNESS (in.)
Per Pole Schedule	13.50 sq.	Per Schedule	1.00

ANCHOR BOLT DIA. (in.)	ANCHOR BOLT LENGTH (in.)	ALLOWABLE WIND LOADING*
1.00	Per Schedule	Calculations are based on sustained Wind forces plus additional 1.3 wind gust. *SQ.FT

CATALOG NUMBER	MAX. FIXT. WT.	100 MPH	90 MPH	80 MPH	70 MPH
186-7	375	16.4	21.3	41.9	-----
206-7	325	13.3	19.5	29.1	-----
256-7	300	10.6	14.1	17.3	-----
286-7	250	9.2	12.1	15.1	-----
306-7	225	8.1	10.6	13.8	-----

**STANDARD COLORS AND FINISHES**



OTHER COLORS AND FINISHES AVAILABLE - SEE ACCESSORIES CUTSHEET.

RSS 6" POLES	CATALOG NO.	POLE SCHEDULE					MOUNTING OPTIONS					FINISH
		AVPL-RSS-6" ROUND STRAIGHT STEEL SERIES					1@90°	2@180°	2@90°	3@90°	4@90°	
		POLE HEIGHT	SHAFT SIZE	WALL GAUGE	BOLT CIRCLE	ANCHORAGE	○	○-○	○-○	○-○-○	○-○-○-○	
	186-7	18'	6" DIA	7	11 1/2"	1" X 36" X 4"	DRILLED	TENON	ARM STYLE	STANDARD: DBZ BLK WHT GRY GRN  OPTION: GALV		
	206-7	20'	6" DIA	7	11 1/2"	1" X 36" X 4"	DM19 (1@90°)	PT23	SPECIFY			
	256-7	25'	6" DIA	7	11 1/2"	1" X 36" X 4"	DM28 (2@180°)	(2-3/8" O.D. x 4")	(SEE ARM CUTSHEET SPECS)			
	286-7	28'	6" DIA	7	13 1/2"	1 1/2" X 42" X 6"	DM29 (2@90°)	PT27	CUTSHEET			
	306-7	30'	6" DIA	7	13 1/2"	1 1/2" X 42" X 6"	DM39 (3@90°)	(2-7/8" O.D. x 4")	SPECS)			
							DM49 (4@90°)	OTHER (SPECIFY):				

ORDER LOGIC:	SERIES	POLE HEIGHT	SHAFT SIZE	WALL GAUGE	BOLT CIRCLE	MOUNTING OPTIONS:	FINISH
EXAMPLE: AVPL-RSS-20-6-7-DM19-XX-BLK-XX	AVPL-RSS	-	6	-	7	DRILLED / TENON	-