STS 20-11

20' SQUARE 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
Toll Free: (844) 770-AVPL
Fax: (661) 945-2764
sales@avpltg.com
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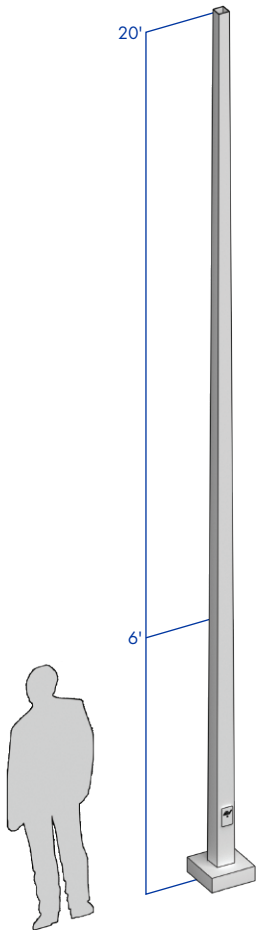
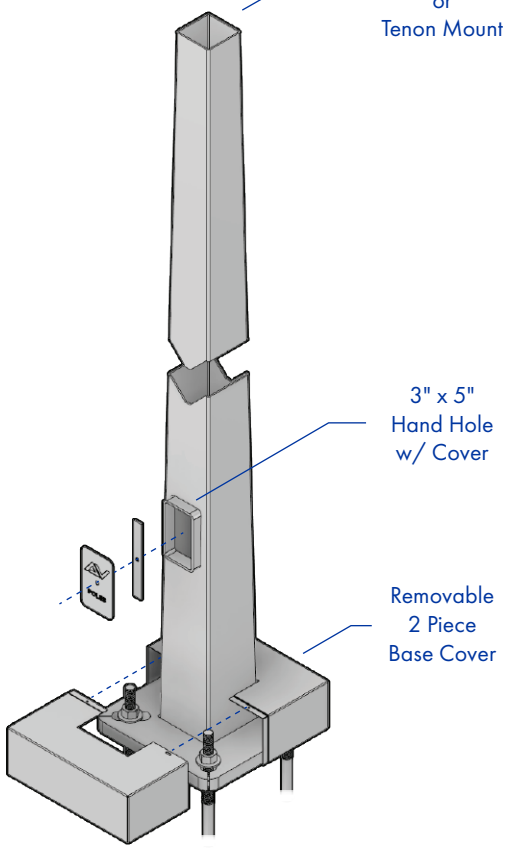




MADE IN USA

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
STS-20-11	20'	5.3" - 3"	11	11.5"	1" x 36" x 4"

E.P.A. DATA SCHEDULE

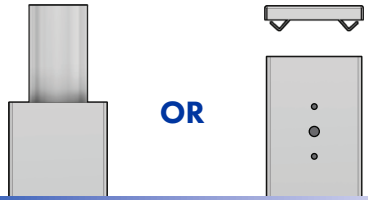
Calculations based on sustained wind forces plus additional 1.3 mph gust.

MAX. FIXT. WT.	70 MPH	80 MPH	90 MPH	100 MPH
275	15.4	11.2	8.4	6.3

TENON OR DRILL MOUNT

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

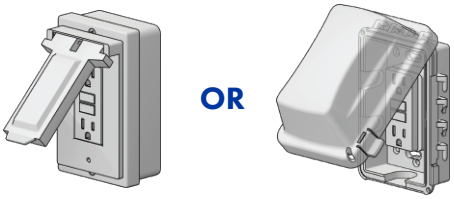
DRILL MOUNT: Removable top cap provided with drill-mount poles



GFI RECEPTACLE

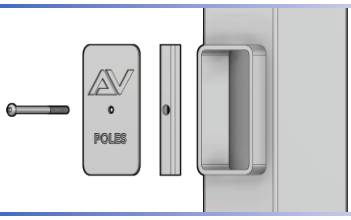
GFI-METAL COVER: 2 gang vertical GFI receptacle with NEC 2017 Section 406.9(B)(1) compliant metal cover.

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



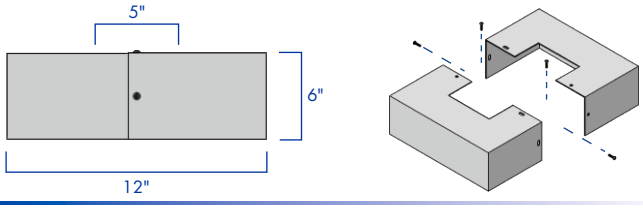
HAND HOLE

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



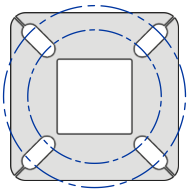
BASE COVER

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.



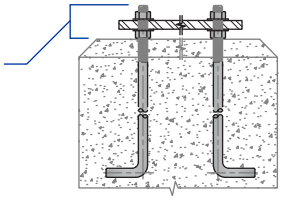
STL-2 SQ Template
11.5" x 11.5" x 1" Anchor Plate
10" - 13" DIA. Bolt Circle

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-STS - _____ - _____ - _____ - _____ - _____ - _____ - _____

HEIGHT	SHAFT	SHAFT WALL	MOUNTING	GFI	ACCESSORIES	FINISH
20'	**5.3" - 3"** 0.14" Taper Per Foot	**0.120"** 11 Gauge	**PT23** Ø2.375" TENON	**GFI** with METAL COVER	**BEB** BANNER EYE BOLT	**DBZ** DARK BRONZE
			PT27 Ø2.875" TENON	**GFI** with WEATHER PROOF IN-USE COVER	**CPLN** THREADED COUPLING	**BLK** BLACK
			PT30 Ø3.00" TENON		**BA** BANNER ARMS	**WHT** WHITE
			1@90 POLE DRILLING		**BH** BASKET HOLDERS	**GRY** GREY
			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