

SQUARE TAPERED STEEL POLE

STS

PROJECT NAME: _____

PROJECT TYPE: _____

FEATURES

Shaft

One piece construction fabricated from coil stock. Weldable grade. Hot rolled commercial quality carbon steel. Guaranteed minimum yield strength 55,000 P.S.I. Shaft has uniform taper of approximately .14" per foot. Wall thickness 11 GA. (.120 wall) or 7 GA. (.180 wall) as specified. Flush reinforced hand hole is furnished with cover. Shaft is furnished with ground lug located inside pole on wall opposite hand hole.

Base Plate

Fabricated from structural quality hot rolled steel. Meets or exceeds minimum yield strength of 36,000 P.S.I. base telescopes and is circumferentially welded to pole shaft. Slotted bolt holes provide 1" flexibility on either side of bolt circle centerline.

Anchorage

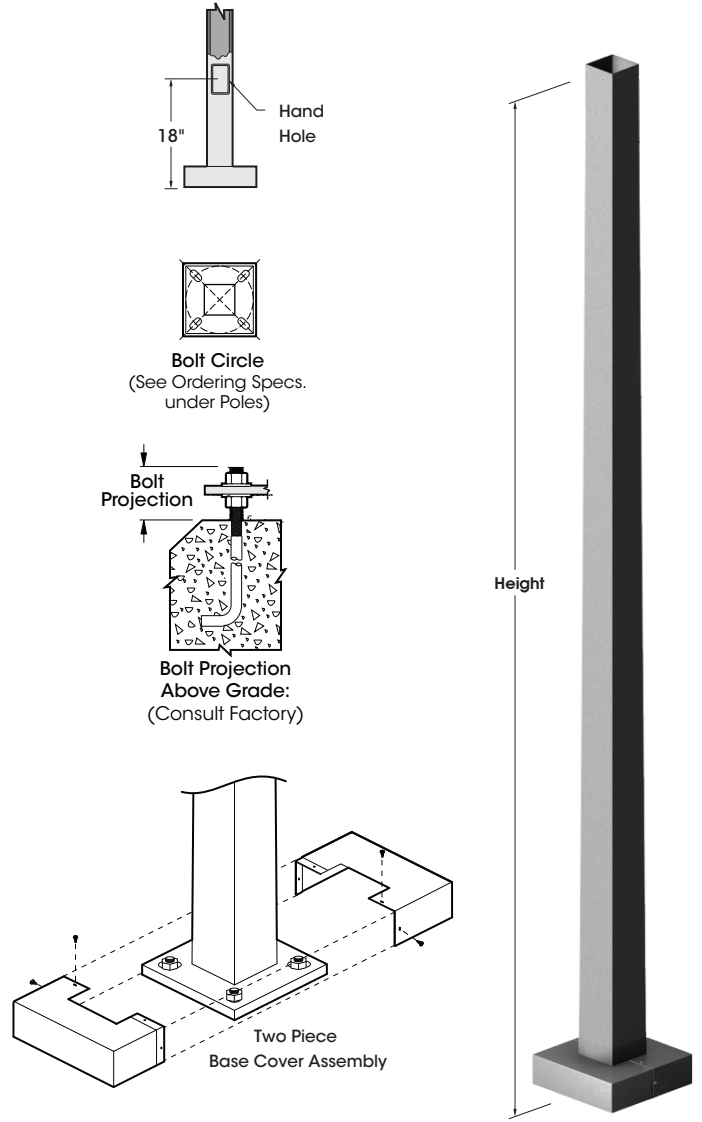
(4) anchor bolts fabricated from hot rolled steel bar. Minimum yield strength of 50,000 P.S.I. bolts have "L" bend on one end and are threaded on the other. Bolts are fully galvanized and are furnished with two nuts and two washers.

Base Cover

Fabricated from heavy gauge quality carbon steel. Two-piece cover conceals base.

Finish

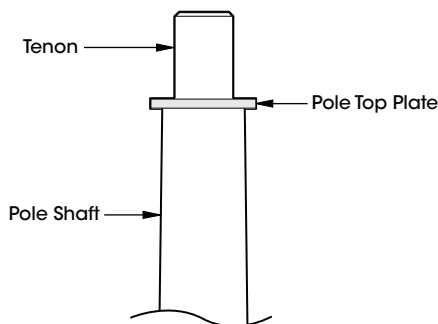
Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step media blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability.



STS

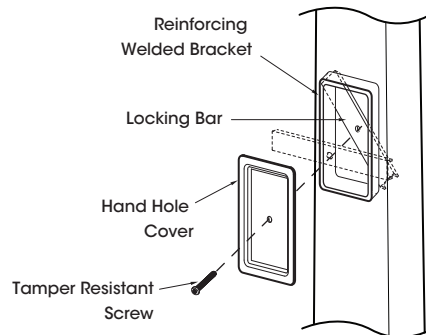
Pole Top Mount

PT23 - 2³/₈"X4" Tenon PT27 - 2⁷/₈"X4" Tenon



Hand Hole Cover

Reinforced hand hole w/tamper resistant bolt assembly



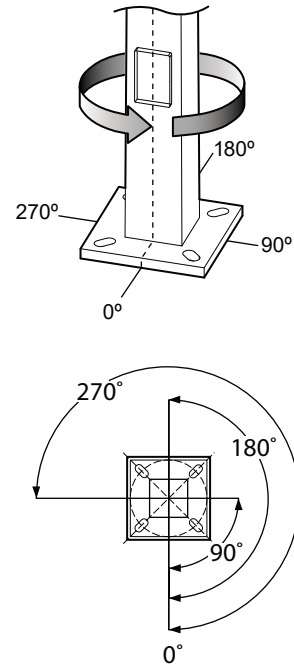
SPECIFICATIONS

Engineering Data
Maximum EPA - Square Feet

Model Number	Max. Fixture Weight	100 MPH	90 MPH	80 MPH	70 MPH
STS 20 - 11	275	6.3	8.4	11.2	15.4
STS 25 - 11	275	5.8	7.8	10.9	14.9
STS 30 - 11	225	4.0	5.9	8.6	12.6

All above design calculations are based on sustained wind forces plus additional 1.3 wind gust
(Example: Pole rated at 80 MPH withstands 104 MPH gusts)

Drilled Side Mount
Specify drilling location using codes below.



ORDERING INFORMATION

Spec/Order Example: STS25-11/1/RAL-9005-S/DUP

Pole Model Number - SNTS 6"						Mounting	Finish	Options
Pole Model Number - STS						Mounting	Finish	Options
Pole Height	Shaft Size	Wall Thickness	Bolt Circle	Anchorage		Standard Smooth Finish	Receptacle	
<input type="checkbox"/> STS 20 - 11	20'	5.3X3.0	11	11½"	1"X36"X4"	<input type="checkbox"/> PT23 2⅞" X 4" Tenon <input type="checkbox"/> PT27 2⅞" X 4" Tenon <input type="checkbox"/> Other Tenon Mt _____	<input type="checkbox"/> Black RAL-9005-S <input type="checkbox"/> White RAL-9003-S <input type="checkbox"/> Grey RAL-7004-S <input type="checkbox"/> Dark Bronze RAL-8019-S <input type="checkbox"/> Green RAL-6005-S	<input type="checkbox"/> Duplex Receptacle DUP <input type="checkbox"/> GFI Receptacle GFI <input type="checkbox"/> 3 Way Adapter T3120 <input type="checkbox"/> 4 Way Adapter T490
<input type="checkbox"/> STS 25 - 11	25'	6.0X3.3	11	11½"	1"X36"X4"	Drill Mount <input type="checkbox"/> 1 ●	All Steel Poles supplied with Smooth Finish See USALTG.COM for additional colors	<input type="checkbox"/> ½" Coupling CPLN1/2 <input type="checkbox"/> ¾" Coupling CPLN3/4 <input type="checkbox"/> 2" Coupling CPLN2
<input type="checkbox"/> STS 30 - 11	30'	6.4X3.0	11	13½"	1"X36"X4"	<input type="checkbox"/> 2-180 ●●		Specify Coupling location Refer to the Accessories Section for other options
						<input type="checkbox"/> 2-90 ●●		
						<input type="checkbox"/> 3-90 ●●●		
						<input type="checkbox"/> 4-90 ●●●●		
						<input type="checkbox"/> 3-120 ●●●●		
						3-120 requires PT27 and T3120 Adapter		

Specify other heights _____