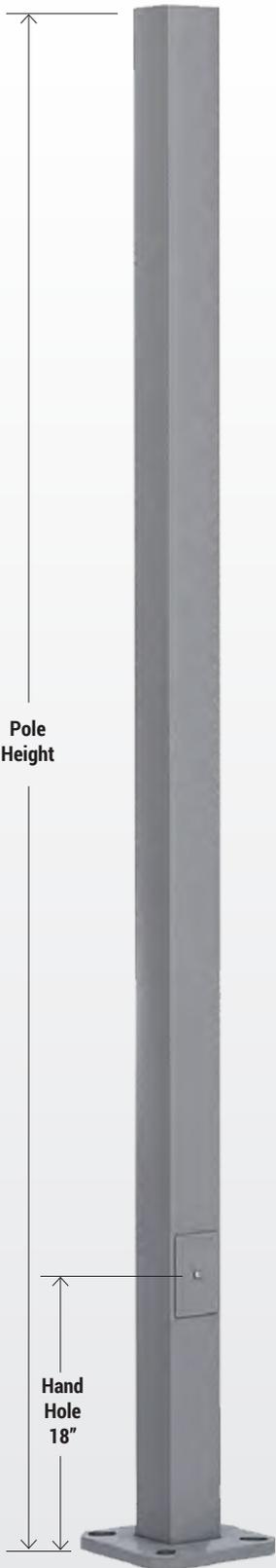


Catalog Number:	Project Name:	Note:	Date:	Type:
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STEEL SQUARE POLE NON-TAPERED

SHAFT

Fabricated from high grade structural steel tube. Conforms to ASTM-A-501-68 specifications, and meets or exceeds minimum yield strength of 46,000 P.S.I. Wall thickness 11 GA. (.120 wall) or 7 GA. (.180 wall) as specified. Shaft is furnished with ground lug located inside pole, opposite hand hole.

HAND HOLE COVER

Steel Poles 15 feet and above - Supplied with reinforced steel 2 5/8" x 4 5/8" access opening. Hand Hole provided with rectangular 3"x5" stamped heavy gauge aluminum material, Sealed door is secured by a formed aluminum bar and a stainless steel, tamper proof screw. Poles under 15 feet - Rectangular 3"x5" stamped heavy gauge aluminum material, 2 1/4" x 4 1/4" access opening. Sealed door is secured by a formed aluminum bar and a stainless steel, tamper proof screw.

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.

CATALOG NO.	POLE DIAMETER	POLE HEIGHT
PT-SNTS-4I	4"	10' - 25'
PT-SNTS-5I	5"	16' - 25'
PT-SNTS-6I	6"	20' - 25'



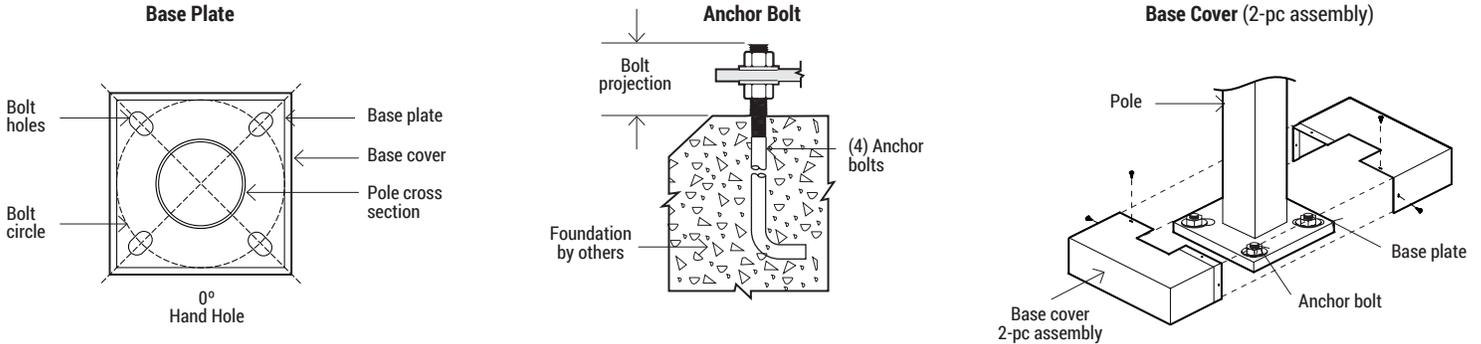
STANDARD COLORS WITH SMOOTH OR TEXTURED FINISH

Black RAL-9005	White RAL-9003	Gray RAL-7004	Dark Bronze RAL-8019	Green RAL-6005
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OTHER COLORS AVAILABLE AT AN ADDITIONAL COST.

Catalog Number:	Project Name:	Note:	Date:	Type:
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BOLT CIRCLE



PT-SNTS-4I - 4" Pole Diameter Square Non-Tapered Steel Pole

Cat. No.	POLE				ANCHOR BOLTS				ANCHOR PLATE		
	Height	Bottom/Top	Wall Thickness	Weight (lbs)	Bolt Size	Bolt Projection	Bolt Circle Dia. Range	Bolt Circle Dia.	Template	Base Plate	Cover
PT-SNTS-10F-4I-11	10'	4"	11g	86	3/4" x 18" x 3"	3 1/4" - 3 3/4"	8" - 11"	9"	PT9	3/4" x 10" x 10"	5" x 12" x 12"
PT-SNTS-12F-4I-11	12'	4"	11g	99	3/4" x 18" x 3"	3 1/4" - 3 3/4"	8" - 11"	9"	PT9	3/4" x 10" x 10"	5" x 12" x 12"
PT-SNTS-14F-4I-11	14'	4"	11g	112	3/4" x 18" x 3"	3 1/4" - 3 3/4"	8" - 11"	9"	PT9	3/4" x 10" x 10"	5" x 12" x 12"
PT-SNTS-15F-4I-11	15'	4"	11g	118	3/4" x 18" x 3"	3 1/4" - 3 3/4"	8" - 11"	9"	PT9	3/4" x 10" x 10"	5" x 12" x 12"
PT-SNTS-16F-4I-11	16'	4"	11g	124	3/4" x 18" x 3"	3 1/4" - 3 3/4"	8" - 11"	9"	PT9	3/4" x 10" x 10"	5" x 12" x 12"
PT-SNTS-18F-4I-11	18'	4"	11g	137	3/4" x 18" x 3"	3 1/4" - 3 3/4"	8" - 11"	10"	PT10	3/4" x 10" x 10"	5" x 12" x 12"
PT-SNTS-20F-4I-11	20'	4"	7g	150	3/4" x 24" x 3"	3 1/4" - 3 3/4"	8" - 11"	11"	PT11	3/4" x 10" x 10"	5" x 12" x 12"
PT-SNTS-20F-4I-7	20'	4"	7g	210	3/4" x 30" x 3"	3 1/4" - 3 3/4"	8" - 11"	11"	PT11	3/4" x 10" x 10"	5" x 12" x 12"
PT-SNTS-25F-4I-11	25'	4"	7g	181	3/4" x 24" x 3"	3 1/4" - 3 3/4"	8" - 11"	11"	PT11	3/4" x 10" x 10"	5" x 12" x 12"
PT-SNTS-25F-4I-7	25'	4"	7g	257	3/4" x 30" x 3"	3 1/4" - 3 3/4"	8" - 11"	11"	PT11	3/4" x 10" x 10"	5" x 12" x 12"

PT-SNTS-5I - 5" Pole Diameter Square Non-Tapered Steel Pole

Cat. No.	POLE				ANCHOR BOLTS				ANCHOR PLATE		
	Height	Bottom/Top	Wall Thickness	Weight (lbs)	Bolt Size	Bolt Projection	Bolt Circle Dia. Range	Bolt Circle Dia.	Template	Base Plate	Cover
PT-SNTS-18F-5I-11	18'	5"	11g	171	1" x 36" x 4"	4" - 4 1/2"	10 1/2" - 12 1/2"	12"	PT12	1" x 11 1/2" x 11 1/2"	5" x 12" x 12"
PT-SNTS-20F-5I-11	20'	5"	11g	187	1" x 36" x 4"	4" - 4 1/2"	10 1/2" - 12 1/2"	12"	PT12	1" x 11 1/2" x 11 1/2"	5" x 12" x 12"
PT-SNTS-20F-5I-7	20'	5"	7g	234	1" x 36" x 4"	4" - 4 1/2"	10 1/2" - 12 1/2"	12"	PT12	1" x 11 1/2" x 11 1/2"	5" x 12" x 12"
PT-SNTS-25F-5I-11	25'	5"	11g	227	1" x 36" x 4"	4" - 4 1/2"	10 1/2" - 12 1/2"	12"	PT12	1" x 11 1/2" x 11 1/2"	5" x 12" x 12"
PT-SNTS-25F-5I-7	25'	5"	7g	323	1" x 36" x 4"	4" - 4 1/2"	10 1/2" - 12 1/2"	12"	PT12	1" x 11 1/2" x 11 1/2"	5" x 12" x 12"

PT-SNTS-6I - 6" Pole Diameter Square Non-Tapered Steel Pole

Cat. No.	POLE				ANCHOR BOLTS				ANCHOR PLATE		
	Height	Bottom/Top	Wall Thickness	Weight (lbs)	Bolt Size	Bolt Projection	Bolt Circle Dia. Range	Bolt Circle Dia.	Template	Base Plate	Cover
PT-SNTS-20F-6I-7	20'	6"	7g	322	1" x 36" x 4"	4" - 4 1/2"	11 1/2" - 14 1/2"	12"	PT12	1" x 13 1/2" x 13 1/2"	5" x 14" x 14"
PT-SNTS-25F-6I-7	25'	6"	7g	393	1" x 36" x 4"	4" - 4 1/2"	11 1/2" - 14 1/2"	12"	PT12	1" x 13 1/2" x 13 1/2"	5" x 14" x 14"



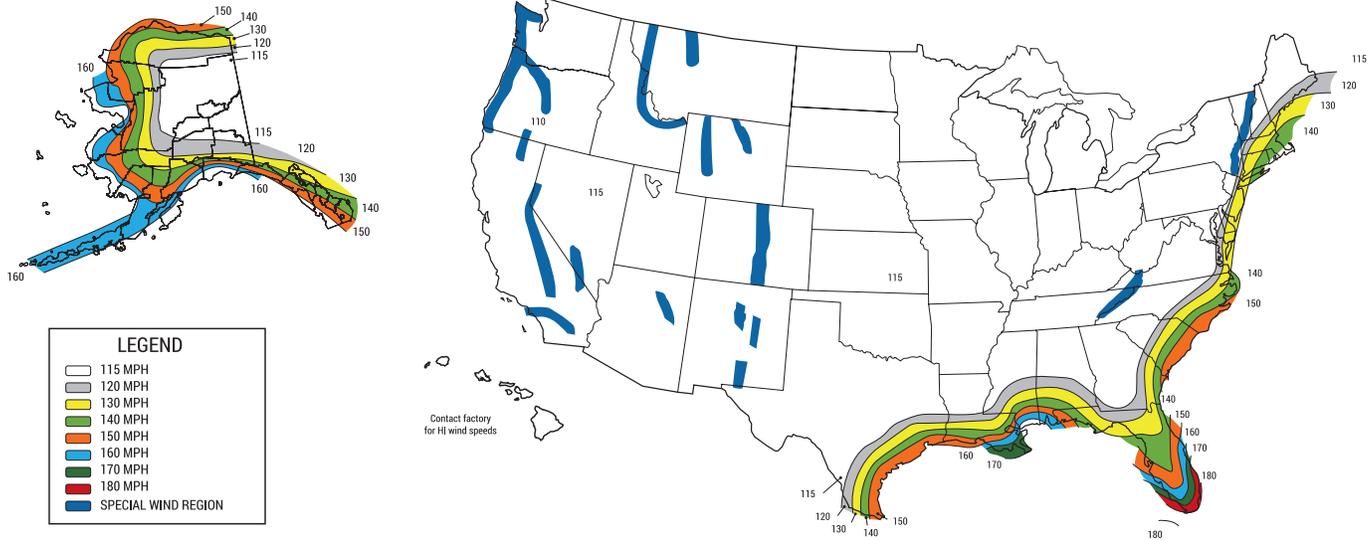
STANDARD COLORS WITH SMOOTH OR TEXTURED FINISH

Black RAL-9005	White RAL-9003	Gray RAL-7004	Dark Bronze RAL-8019	Green RAL-6005
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OTHER COLORS AVAILABLE AT AN ADDITIONAL COST.

Catalog Number:	Project Name:	Note:	Date:	Type:
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WIND MAP



EPA INFORMATION (ft²)

(per AASHTO LRFDLTS-1 revised 2022)

Cat. No.	Weight Capacity Max (lbs)	100 MPH	110 MPH	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
PT-SNTS-10F-4I-11	300 - 287*	15.0	15.0	15.0	15.0	15.0	15.0	13.0	10.8	9.5	8.2
PT-SNTS-12F-4I-11	300 - 199.5*	16.0	15.0	15.0	15.0	13.9	11.7	9.5	7.9	6.5	5.7
PT-SNTS-14F-4I-11	300 - 189*	17.0	15.0	15.0	15.0	14.2	11.4	9.8	8.2	6.8	5.4
PT-SNTS-15F-4I-11	300 - 94.5*	18.0	15.0	13.7	11.9	9.7	7.5	5.9	4.7	3.9	2.7
PT-SNTS-16F-4I-11	300 - 63*	19.0	12.8	11.4	9.8	8.0	6.0	4.6	3.8	2.8	1.8
PT-SNTS-18F-4I-11	300 - 60*	20.0	10.0	9.0	7.6	6.0	4.4	3.2	2.2	1.4	0.4
PT-SNTS-20F-4I-11	300 - 60*	21.0	9.4	8.4	7.2	5.0	3.8	2.6	1.6	0.8	0.0
PT-SNTS-20F-4I-7	300 - 60*	22.0	11.2	9.8	8.2	6.4	4.8	3.4	2.0	1.4	0.4
PT-SNTS-25F-4I-11	300 - 60*	23.0	11.4	8.2	5.6	4.2	3.6	1.8	0.8	0.0	0.0
PT-SNTS-25F-4I-7	300 - 60*	24.0	14.0	10.4	8.6	7.0	5.6	4.4	3.3	2.2	1.2
PT-SNTS-18F-5I-11	300 - 182*	25.0	15.0	15.0	15.0	15.0	12.8	10.0	8.0	6.6	5.2
PT-SNTS-20F-5I-11	300 - 112*	26.0	15.0	15.0	15.0	12.6	9.8	7.8	6.0	4.2	3.2
PT-SNTS-20F-5I-7	300 - 154*	27.0	15.0	15.0	15.0	14.8	12.0	9.2	7.2	5.8	4.4
PT-SNTS-25F-5I-11	300 - 60*	28.0	11.6	9.8	8.6	6.0	3.6	2.0	1.0	0.0	0.0
PT-SNTS-25F-5I-7	300 - 87.5*	29.0	14.2	12.2	10.2	7.6	10.4	7.4	5.4	3.8	2.5
PT-SNTS-20F-6I-7	300 - 287*	30.0	15.0	15.0	15.0	15.0	15.0	15.0	12.0	9.6	8.2
PT-SNTS-25F-6I-7	300 - 199.5*	31.0	12.0	11.7	11.4	11.0	10.5	10.1	8.3	6.8	5.7

EPA INFORMATION (ft²)

(per 2020 FL Building Code)

Weight Capacity Max (lbs)	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
300 - 259*	15.0	14.2	12.9	11.7	9.7	8.6	7.4
300 - 178.5*	11.4	10.3	9.4	8.6	7.1	5.9	5.1
300 - 171.5*	11.7	10.7	9.7	8.8	7.4	6.1	4.9
249 - 84*	7.1	6.4	5.8	5.3	4.2	3.5	2.4
193 - 60*	5.5	5.0	4.6	4.1	3.4	2.5	1.6
133 - 60*	3.8	3.5	3.2	2.9	2.0	1.3	0.4
109 - 60*	3.1	2.8	2.6	2.3	1.4	0.7	0.0
144 - 60*	4.1	3.7	3.4	3.1	1.8	1.3	1.0
60	1.2	1.1	1.0	0.0	0.0	0.0	0.0
60	1.3	1.2	1.1	1.0	0.4	0.0	0.0
300 - 164.5*	12	10.9	9.9	9.0	7.2	5.9	4.7
300 - 101.5*	9.3	8.5	7.7	7.0	5.4	3.8	2.9
300 - 140*	11.0	10.0	9.1	8.3	6.5	5.2	4.0
84 - 60*	2.4	2.2	2.0	1.8	0.9	0.0	0.0
133 - 60*	3.8	3.5	3.2	2.9	2.3	1.6	1.0
300 - 84*	9.0	8.2	7.4	6.8	5.0	3.7	2.4
161 - 60*	4.6	4.2	3.8	3.5	2.8	1.9	1.2

* Please use the following to obtain the proper weight capacity: The maximum fixture weight equals 60 lbs. or the product of 35 lbs. x the EPA value, whichever is greater, not to exceed 300 lbs. Example, EPA = 2.2, weight = 35 lbs. x 2.2 EPA = 77 lbs.

NOTES

- Specifier is responsible for correct pole selection. For proper pole choice, the specifier must consider the total EPA of fixtures, banners, arms, and any other accessories attached to pole assembly.
- ALL EPAs are calculated for ground installations. For installations on bridges, buildings or other structures, the specifier must contact the factory or consult with a structural Engineer
- Unpredictable aerodynamic forces such as wind-induced vibrations are not included in wind velocity ratings or EPA ratings.
- Wind gust factors are considered in developing all EPA chart data.

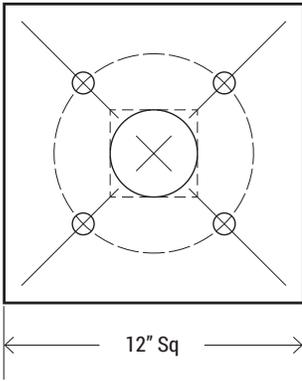
TO MITIGATE 2ND MODE (AEOLIAN) VIBRATION PLEASE READ THE FOLLOWING RECOMMENDATIONS:

- We do not recommend the installation of poles without a fixture; such installation have been known to fail due to high pole vibrations. Replace with note 1 above
- Pole installations with a combined (fixtures, banners, flags, etc.) of less than 0.75 ft² EPA and 25 feet or taller should be installed with a vibration dampener. Please consult with your site structural engineer.

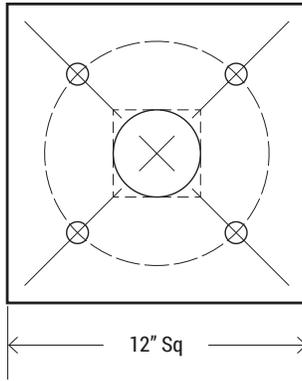
Catalog Number:	Project Name:	Note:	Date:	Type:
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ANCHOR BOLTS TEMPLATES

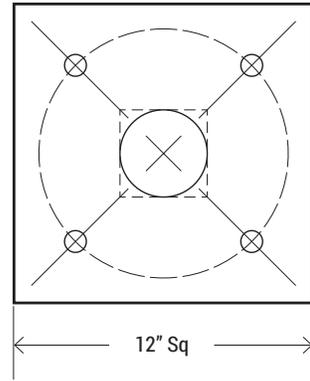
PT8
8" Bolt Circle



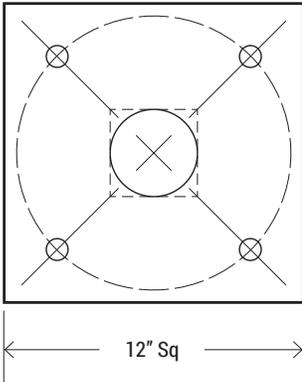
PT9
9" Bolt Circle



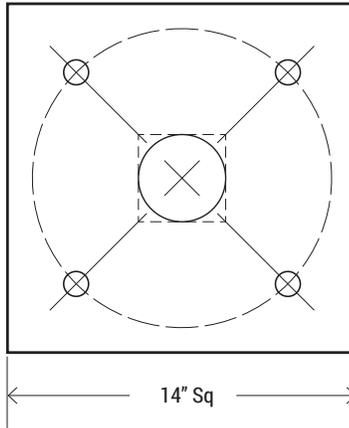
PT10
10" Bolt Circle



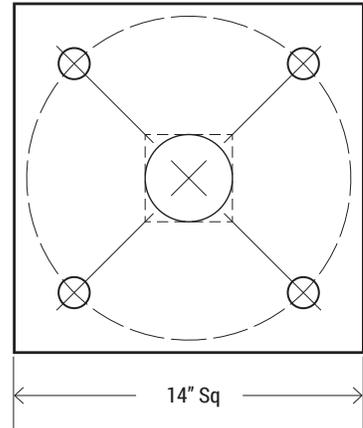
PT11
11" Bolt Circle



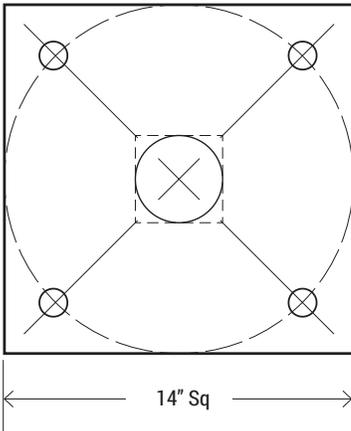
PT12
12" Bolt Circle



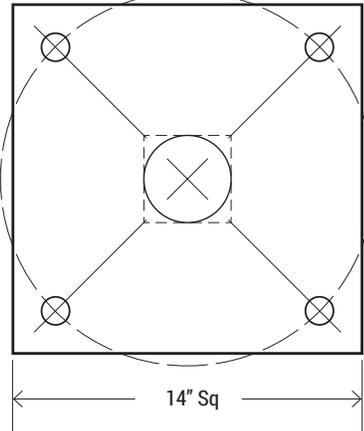
PT13
13" Bolt Circle



PT14
14" Bolt Circle



PT15
15" Bolt Circle



PT16
16" Bolt Circle

