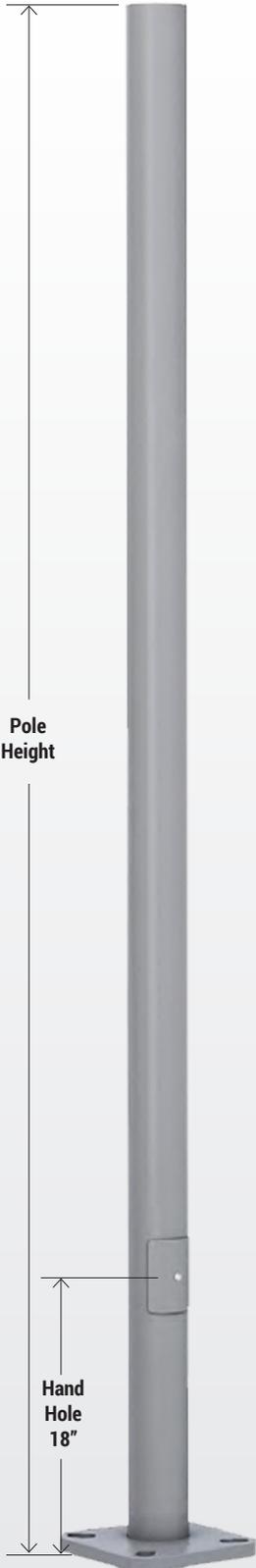


Catalog Number:	Project Name:	Note:	Date:	Type:
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**Hand Hole Cover with locking bar**



**Base Plate**



**Anchorage**



**Base Cover 2-pc assembly**

# STEEL ROUND 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-RNTS-4I	4"	10' - 24'
PT-RNTS-5I	5"	16' - 25'
PT-RNTS-6I	6"	18' - 30'

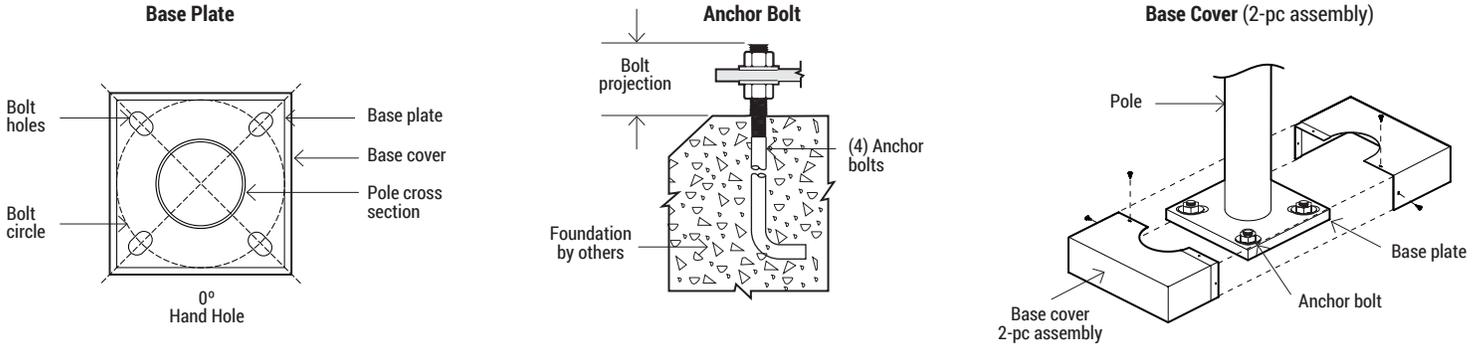


STANDARD COLORS WITH SMOOTH OR TEXTURED FINISH									
	Black RAL-9005		White RAL-9003		Gray RAL-7004		Dark Bronze RAL-8019		Green RAL-6005

**OTHER COLORS AVAILABLE AT AN ADDITIONAL COST.**

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



**PT-RNTS-4I - 4" Pole Diameter Round 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-RNTS-10F-4I-11	10'	4"	11g	66	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-RNTS-12F-4I-11	12'	4"	11g	79	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-RNTS-14F-4I-11	14'	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-RNTS-16F-4I-11	16'	4"	11g	96	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-RNTS-18F-4I-11	18'	4"	11g	106	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-RNTS-20F-4I-11	20'	4"	11g	116	3/4" x 24" x 3"	3 1/4" - 3 3/4"	8" - 11"	10"	PT10	3/4" x 10" x 10"	5" x 12" x 12"
PT-RNTS-20F-4I-7	20'	4"	7g	163	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-RNTS-24F-4I-7	24'	4"	7g	192	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-RNTS-5I - 5" Pole Diameter Round 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-RNTS-16F-5I-11	16'	5"	11g	129	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-RNTS-18F-5I-11	18'	5"	11g	142	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-RNTS-18F-5I-7	18'	5"	7g	196	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-RNTS-20F-5I-11	20'	5"	11g	154	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-RNTS-20F-5I-7	20'	5"	7g	215	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-RNTS-25F-5I-11	25'	5"	11g	186	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-RNTS-25F-5I-7	25'	5"	7g	261	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-RNTS-6I - 6" Pole Diameter Round 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-RNTS-18F-6I-7	18'	6"	7g	241	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-RNTS-20F-6I-7	20'	6"	7g	263	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-RNTS-25F-6I-7	25'	6"	7g	319	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"



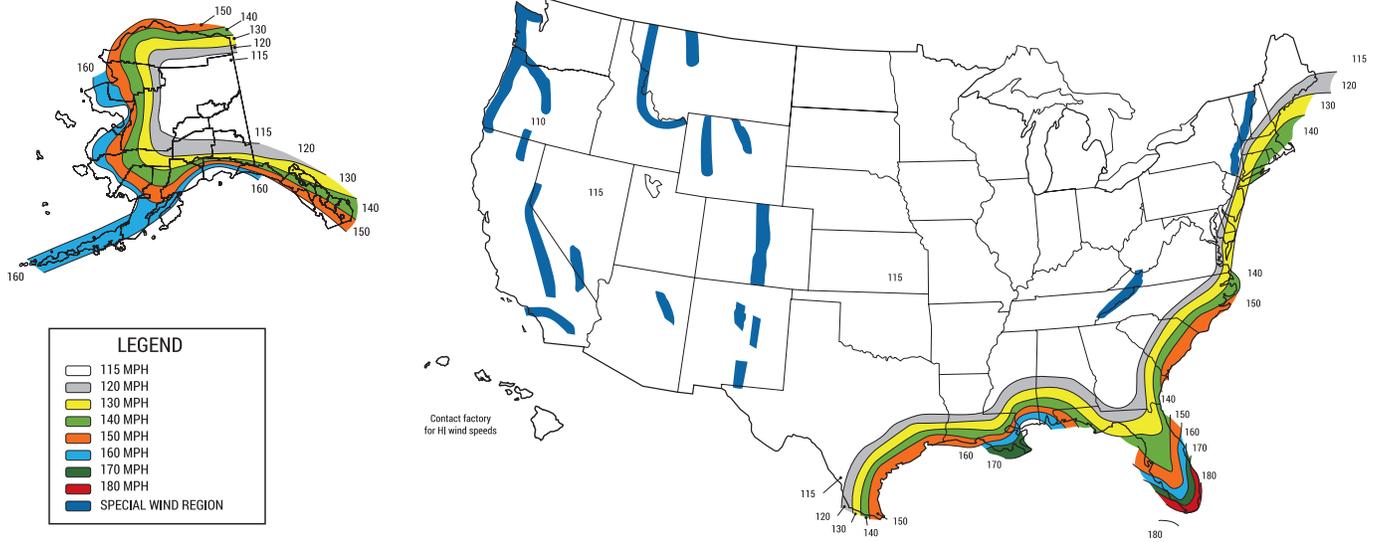
**STANDARD COLORS WITH SMOOTH OR TEXTURED FINISH**

- Black RAL-9005
- White RAL-9003
- Gray RAL-7004
- Dark Bronze RAL-8019
- Green RAL-6005

**OTHER COLORS AVAILABLE AT AN ADDITIONAL COST.**

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



**EPA INFORMATION (ft<sup>2</sup>)**  
(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-RNTS-10F-4I-11	300 - 252*	15.0	15.0	15.0	15.0	14.4	12.4	10.6	9.0	8.2	7.2
PT-RNTS-12F-4I-11	300 - 182*	15.0	15.0	15.0	13.6	11.2	9.6	7.8	6.8	6.2	5.2
PT-RNTS-14F-4I-11	300 - 143.5*	15.0	13.5	12.1	10.9	9.1	7.5	6.3	5.1	4.7	4.1
PT-RNTS-16F-4I-11	300 - 87.5*	13.1	10.3	9.1	8.1	6.7	5.1	4.1	3.5	3.3	2.5
PT-RNTS-18F-4I-11	300 - 66.5*	10.9	8.3	7.3	6.7	4.9	3.7	2.9	2.7	2.3	1.9
PT-RNTS-20F-4I-11	300 - 60*	9.0	7.0	5.8	5.0	3.6	2.6	1.8	1.4	1.3	1.2
PT-RNTS-20F-4I-7	300 - 105*	15.0	14.0	12.1	9.4	7.8	6.4	4.8	4.2	3.6	3.0
PT-RNTS-24F-4I-7	300 - 60*	10.2	8.0	6.3	5.0	3.9	3.0	2.2	1.8	1.5	0.9
PT-RNTS-16F-5I-11	300 - 262.5*	15.0	15.0	15.0	15.0	15.0	15.0	13.3	10.7	9.1	7.5
PT-RNTS-18F-5I-11	300 - 182*	15.0	15.0	15.0	15.0	15.0	12.8	10.0	8.0	6.6	5.2
PT-RNTS-18F-5I-7	300 - 217*	15.0	15.0	15.0	15.0	15.0	14.6	12.2	9.6	8.0	6.2
PT-RNTS-20F-5I-11	300 - 129.5*	15.0	12.5	10.9	9.1	7.8	6.6	5.5	4.8	4.3	3.7
PT-RNTS-20F-5I-7	300 - 154*	15.0	15.0	15.0	15.0	14.8	12.0	9.2	7.2	5.8	4.4
PT-RNTS-25F-5I-11	300 - 60*	9.4	6.8	5.4	5.0	4.0	3.2	2.6	1.8	1.8	1.4
PT-RNTS-25F-5I-7	300 - 126*	15.0	12.6	10.8	9.6	8.2	6.8	5.8	4.6	4.2	3.6
PT-RNTS-18F-6I-7	300	15.0	15.0	15.0	15.0	15.0	15.0	15.0	13.5	12.1	10.5
PT-RNTS-20F-6I-7	300	15.0	15.0	15.0	15.0	15.0	15.0	13.6	11.8	10.4	9.2
PT-RNTS-25F-6I-7	300	15.0	15.0	15.0	15.0	15.0	15.0	14.2	12.0	10.2	8.8

**EPA INFORMATION (ft<sup>2</sup>)**  
(per 2020 FL Building Code)

Weight Capacity Max (lbs)	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
300 - 154*	8.6	7.8	7.1	6.5	5.5	5.0	4.4
224 - 112*	6.4	5.8	5.3	4.8	4.2	3.8	3.2
179 - 87.5*	5.1	4.7	4.2	3.9	3.1	2.9	2.5
115.5 - 60*	3.3	3.0	2.8	2.5	2.1	2.0	1.5
84 - 60*	2.4	2.1	2.0	1.8	1.7	1.4	1.2
168 - 60*	4.8	3.4	2.5	1.7	1.3	1.2	1.1
300 - 101.5*	8.9	7.4	6.1	4.6	4.0	3.4	2.9
168 - 60*	4.8	3.7	2.9	2.1	1.7	1.4	0.9
300 - 161*	10.8	9.8	9.0	8.1	6.5	5.6	4.6
283.5 - 112*	8.1	7.4	6.7	6.1	4.9	4.0	3.2
300 - 133*	9.9	9.0	8.2	7.5	5.9	4.9	3.8
300 - 122.5*	8.6	7.4	6.3	5.2	4.6	4.1	3.5
262.5 - 94.5*	7.5	6.8	6.2	5.6	4.4	3.5	2.7
73.5 - 60*	2.1	1.9	1.8	1.6	1.4	1.1	0.9
164.5 - 77*	4.7	4.3	3.9	3.5	3.0	2.6	2.2
300 - 224*	12.2	11.1	10.1	9.2	8.3	7.4	6.4
300 - 196*	11.1	10.1	9.2	8.3	7.2	6.4	5.6
238 - 112*	6.8	6.2	5.7	5.1	4.3	3.7	3.2

\* 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.

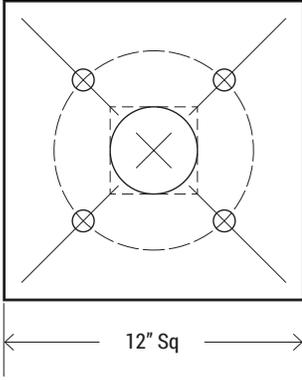
**TO MITIGATE 2ND MODE (AEOLIAN) VIBRATION PLEASE READ THE FOLLOWING RECOMMENDATIONS:**

- 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 ft<sup>2</sup> EPA and 25 feet or taller should be installed with a vibration dampener. Please consult with your site structural engineer.

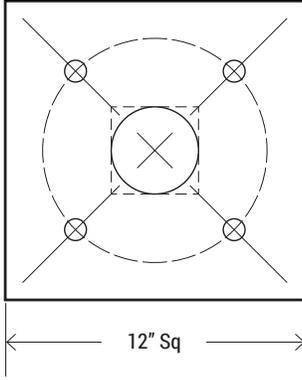
Catalog Number:	Project Name:	Note:	Date:	Type:
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**ANCHOR BOLTS TEMPLATES**

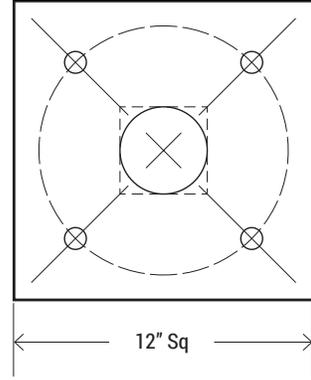
**PT8**  
8" Bolt Circle



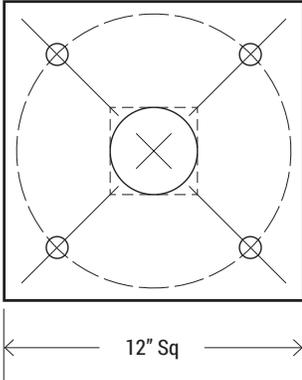
**PT9**  
9" Bolt Circle



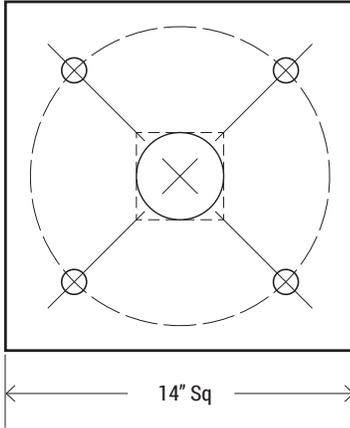
**PT10**  
10" Bolt Circle



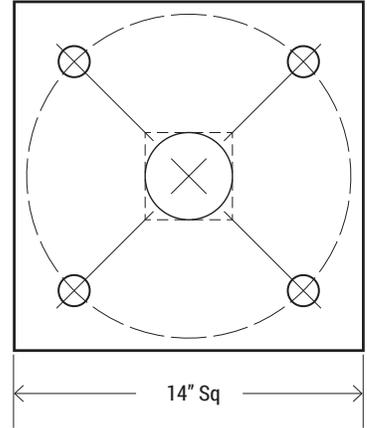
**PT11**  
11" Bolt Circle



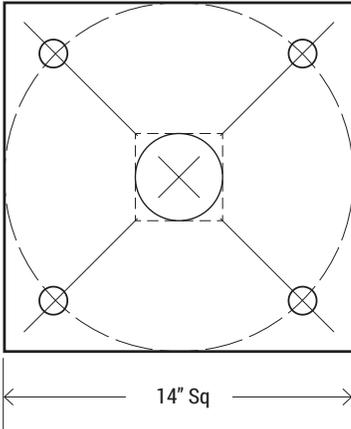
**PT12**  
12" Bolt Circle



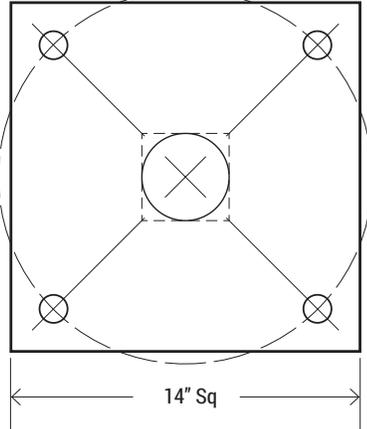
**PT13**  
13" Bolt Circle



**PT14**  
14" Bolt Circle



**PT15**  
15" Bolt Circle



**PT16**  
16" Bolt Circle

