

# ROUND NON-TAPERED STEEL POLE

## RNTS

### Shaft

Round, fabricated from high grade structural steel tube. Shaft conforms to ASTM-A-501-68 specifications. 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 on wall opposite hand hole.

### Drilling Side Mount

A removable pole cap is included. Pole will be drilled to match U.S. Architectural fixtures. For other Drilling required, please specify DP after specified drill pattern. (example: 2-180DP)

### Pole Top Mount

Standard pole top mount - PT27, fabricated from 2.5" (2.875" O.D.) steel pipe - tenon options available for pole tops please see Mounting column. For other pole top configurations please consult factory.

### 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

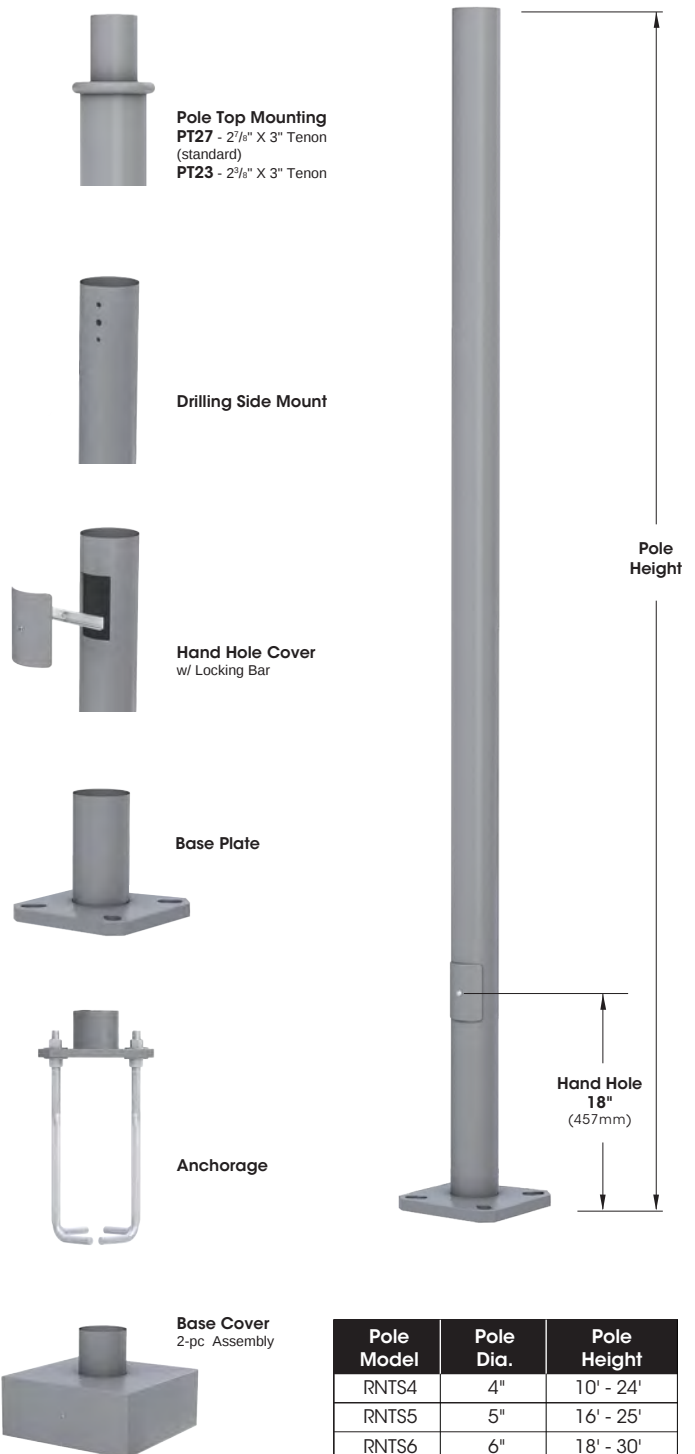
(4) anchor bolts fabricated from hot rolled steel bar. Minimum yield strength of 50,000 P.S.I. Bolts have "L" bend on one end and are threaded on the other. Bolts are fully galvanized and are furnished with two nuts and two washers.

### Base Cover

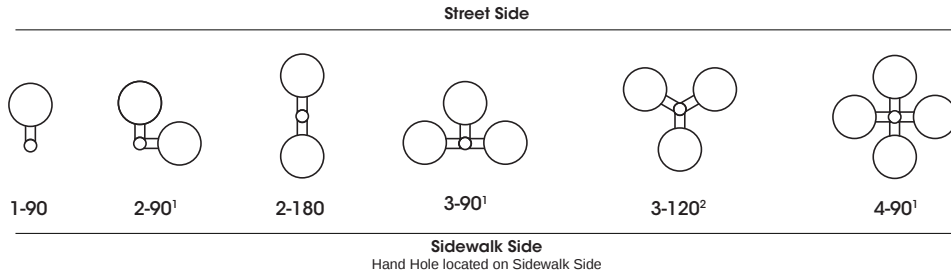
Fabricated from heavy gauge quality carbon steel. Two-piece cover conceals base.

### 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.



## DRILLING SIDE MOUNT



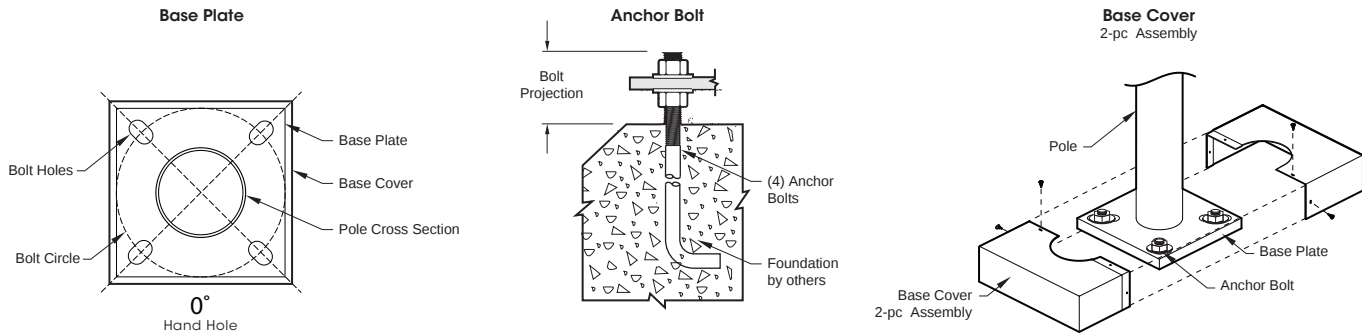
### Notes

- 1- Poles smaller than 5" Dia. at top, or Non Linear Drilling requires PT27 and T490 Adapter. (Adaptor is rotatable)
- 2- Poles smaller than 5" Dia. at top, or Non Linear Drilling requires PT27 and T3120 Adapter. (Adaptor is rotatable)

When drilling pattern from other manufacturer's fixture is required, add "DP" to drill specifications. (Example: 2-180DP) **Drilling template must be provided.**

In the case of other manufacturer's drilling pattern, customer must provide drilling pattern.

## BOLT CIRCLE



|                | POLE   |      |              |      |       |       |                        |              | ANCHOR BOLTS   |                                            |                                    |                                          | ANCHOR PLATE |                  |                |
|----------------|--------|------|--------------|------|-------|-------|------------------------|--------------|----------------|--------------------------------------------|------------------------------------|------------------------------------------|--------------|------------------|----------------|
| Catalog Number | Height |      | Bottom - Top |      |       |       | Wall Thickness (In/Ga) | Weight (Lbs) | Bolt Size      | Bolt Projection above grade <sup>2,3</sup> | Bolt Circle Dia Range <sup>1</sup> | Bolt Circle Dia (In) (Rec.) <sup>1</sup> | Template     | Base Plate       | Cover          |
|                | Ft     | M    | In           |      | Cm    |       |                        |              |                |                                            |                                    |                                          |              |                  |                |
| RNTS 104-11    | 10     | 3.05 | 4.00         | 4.00 | 10.16 | 10.16 | 11                     | 66           | ¾" x 18" x 3"  | 3¼" - 3¾"                                  | 8" - 11"                           | 9"                                       | US9          | ¾" x 10" x 10"   | 5" x 12" x 12" |
| RNTS 124-11    | 12     | 3.66 | 4.00         | 4.00 | 10.16 | 10.16 | 11                     | 76           | ¾" x 18" x 3"  | 3¼" - 3¾"                                  | 8" - 11"                           | 9"                                       | US9          | ¾" x 10" x 10"   | 5" x 12" x 12" |
| RNTS 144-11    | 14     | 4.27 | 4.00         | 4.00 | 10.16 | 10.16 | 11                     | 86           | ¾" x 18" x 3"  | 3¼" - 3¾"                                  | 8" - 11"                           | 9"                                       | US9          | ¾" x 10" x 10"   | 5" x 12" x 12" |
| RNTS 164-11    | 16     | 4.88 | 4.00         | 4.00 | 10.16 | 10.16 | 11                     | 96           | ¾" x 18" x 3"  | 3¼" - 3¾"                                  | 8" - 11"                           | 9"                                       | US9          | ¾" x 10" x 10"   | 5" x 12" x 12" |
| RNTS 184-11    | 18     | 5.49 | 4.00         | 4.00 | 10.16 | 10.16 | 11                     | 106          | ¾" x 18" x 3"  | 3¼" - 3¾"                                  | 8" - 11"                           | 9"                                       | US9          | ¾" x 10" x 10"   | 5" x 12" x 12" |
| RNTS 204-11    | 20     | 6.10 | 4.00         | 4.00 | 10.16 | 10.16 | 11                     | 116          | ¾" x 24" x 3"  | 3¼" - 3¾"                                  | 8" - 11"                           | 10"                                      | US10         | ¾" x 10" x 10"   | 5" x 12" x 12" |
| RNTS 204-7     | 20     | 6.10 | 4.00         | 4.00 | 10.16 | 10.16 | 7                      | 163          | ¾" x 30" x 3"  | 3¼" - 3¾"                                  | 8" - 11"                           | 11"                                      | US11         | ¾" x 10" x 10"   | 5" x 12" x 12" |
| RNTS 244-7     | 24     | 7.32 | 4.00         | 4.00 | 10.16 | 10.16 | 7                      | 192          | ¾" x 30" x 3"  | 3¼" - 3¾"                                  | 8" - 11"                           | 11"                                      | US11         | ¾" x 10" x 10"   | 5" x 12" x 12" |
| RNTS 165-11    | 16     | 4.88 | 5.00         | 5.00 | 12.70 | 12.70 | 11                     | 129          | 1" x 36" x 4"  | 4" - 4½"                                   | 10½" - 12½"                        | 12"                                      | US12         | 1" x 11½" x 11½" | 5" x 12" x 12" |
| RNTS 185-11    | 18     | 5.49 | 5.00         | 5.00 | 12.70 | 12.70 | 11                     | 142          | 1" x 36" x 4"  | 4" - 4½"                                   | 10½" - 12½"                        | 12"                                      | US12         | 1" x 11½" x 11½" | 5" x 12" x 12" |
| RNTS 185-7     | 18     | 5.49 | 5.00         | 5.00 | 12.70 | 12.70 | 7                      | 196          | 1" x 36" x 4"  | 4" - 4½"                                   | 10½" - 12½"                        | 12"                                      | US12         | 1" x 11½" x 11½" | 5" x 12" x 12" |
| RNTS 205-11    | 20     | 6.10 | 5.00         | 5.00 | 12.70 | 12.70 | 11                     | 154          | 1" x 36" x 4"  | 4" - 4½"                                   | 10½" - 12½"                        | 12"                                      | US12         | 1" x 11½" x 11½" | 5" x 12" x 12" |
| RNTS 205-7     | 20     | 6.10 | 5.00         | 5.00 | 12.70 | 12.70 | 7                      | 215          | 1" x 36" x 4"  | 4" - 4½"                                   | 10½" - 12½"                        | 12"                                      | US12         | 1" x 11½" x 11½" | 5" x 12" x 12" |
| RNTS 255-11    | 25     | 7.62 | 5.00         | 5.00 | 12.70 | 12.70 | 11                     | 186          | 1" x 36" x 4"  | 4" - 4½"                                   | 10½" - 12½"                        | 12"                                      | US12         | 1" x 11½" x 11½" | 5" x 12" x 12" |
| RNTS 255-7     | 25     | 7.62 | 5.00         | 5.00 | 12.70 | 12.70 | 7                      | 261          | 1" x 36" x 4"  | 4" - 4½"                                   | 10½" - 12½"                        | 12"                                      | US12         | 1" x 11½" x 11½" | 5" x 12" x 12" |
| RNTS 186-7     | 18     | 5.49 | 6.00         | 6.00 | 15.24 | 15.24 | 7                      | 241          | 1" x 36" x 4"  | 4" - 4½"                                   | 11½" - 14½"                        | 12"                                      | US12         | 1" x 13½" x 13½" | 5" x 14" x 14" |
| RNTS 206-7     | 20     | 6.10 | 6.00         | 6.00 | 15.24 | 15.24 | 7                      | 263          | 1" x 36" x 4"  | 4" - 4½"                                   | 11½" - 14½"                        | 12"                                      | US12         | 1" x 13½" x 13½" | 5" x 14" x 14" |
| RNTS 256-7     | 25     | 7.62 | 6.00         | 6.00 | 15.24 | 15.24 | 7                      | 319          | 1" x 36" x 4"  | 4" - 4½"                                   | 11½" - 14½"                        | 12"                                      | US12         | 1" x 13½" x 13½" | 5" x 14" x 14" |
| RNTS 286-7     | 28     | 8.54 | 6.00         | 6.00 | 15.24 | 15.24 | 7                      | 353          | 1¼" x 42" x 6" | 4¼" - 4¾"                                  | 11½" - 14½"                        | 13"                                      | US13         | 1" x 13½" x 13½" | 5" x 14" x 14" |
| RNTS 306-7     | 30     | 9.15 | 6.00         | 6.00 | 15.24 | 15.24 | 7                      | 375          | 1¼" x 42" x 6" | 4¼" - 4¾"                                  | 11½" - 14½"                        | 14"                                      | US14         | 1" x 13½" x 13½" | 5" x 14" x 14" |

1 - Not using correct bolt size or "(REC.) Recommended" Bolt Circle could result in Pole's failure.

2 - Bolt Projection is calculated for slopes with 3 degrees or less.

3 - For slopes greater than 3 degrees, please add Bolt Length Projection as necessary.

## ORDERING INFORMATION

Spec/Order Example: RNTS205-7/1-90/RAL-6005-T

| Pole Model Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Mounting                               | Finish | Options |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
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| <b>Pole Model Number</b><br><div> <div>4" Pole Dia.</div> <table> <tr><td><input type="checkbox"/> RNTS 104 - 11</td><td>10'</td><td>11</td></tr> <tr><td><input type="checkbox"/> RNTS 124 - 11</td><td>12'</td><td>11</td></tr> <tr><td><input type="checkbox"/> RNTS 144 - 11</td><td>14'</td><td>11</td></tr> <tr><td><input type="checkbox"/> RNTS 164 - 11</td><td>16'</td><td>11</td></tr> <tr><td><input type="checkbox"/> RNTS 184 - 11</td><td>18'</td><td>11</td></tr> <tr><td><input type="checkbox"/> RNTS 204 - 11</td><td>20'</td><td>11</td></tr> <tr><td><input type="checkbox"/> RNTS 204 - 7</td><td>20'</td><td>7</td></tr> <tr><td><input type="checkbox"/> RNTS 244 - 7</td><td>24'</td><td>7</td></tr> </table> </div> <div> <div>5" Pole Dia.</div> <table> <tr><td><input type="checkbox"/> RNTS 165 - 11</td><td>16'</td><td>11</td></tr> <tr><td><input type="checkbox"/> RNTS 185 - 11</td><td>18'</td><td>11</td></tr> <tr><td><input type="checkbox"/> RNTS 185 - 7</td><td>18'</td><td>7</td></tr> <tr><td><input type="checkbox"/> RNTS 205 - 11</td><td>20'</td><td>11</td></tr> <tr><td><input type="checkbox"/> RNTS 205 - 7</td><td>20'</td><td>7</td></tr> <tr><td><input type="checkbox"/> RNTS 255 - 11</td><td>25'</td><td>11</td></tr> <tr><td><input type="checkbox"/> RNTS 255 - 7</td><td>25'</td><td>7</td></tr> </table> </div> <div> <div>6" Pole Dia.</div> <table> <tr><td><input type="checkbox"/> RNTS 186 - 7</td><td>18'</td><td>7</td></tr> <tr><td><input type="checkbox"/> RNTS 206 - 7</td><td>20'</td><td>7</td></tr> <tr><td><input type="checkbox"/> RNTS 256 - 7</td><td>25'</td><td>7</td></tr> <tr><td><input type="checkbox"/> RNTS 286 - 7</td><td>28'</td><td>7</td></tr> <tr><td><input type="checkbox"/> RNTS 306 - 7</td><td>30'</td><td>7</td></tr> </table> </div> | <input type="checkbox"/> RNTS 104 - 11 | 10'    | 11      | <input type="checkbox"/> RNTS 124 - 11 | 12' | 11 | <input type="checkbox"/> RNTS 144 - 11 | 14' | 11 | <input type="checkbox"/> RNTS 164 - 11 | 16' | 11 | <input type="checkbox"/> RNTS 184 - 11 | 18' | 11 | <input type="checkbox"/> RNTS 204 - 11 | 20' | 11 | <input type="checkbox"/> RNTS 204 - 7 | 20' | 7 | <input type="checkbox"/> RNTS 244 - 7 | 24' | 7 | <input type="checkbox"/> RNTS 165 - 11 | 16' | 11 | <input type="checkbox"/> RNTS 185 - 11 | 18' | 11 | <input type="checkbox"/> RNTS 185 - 7 | 18' | 7 | <input type="checkbox"/> RNTS 205 - 11 | 20' | 11 | <input type="checkbox"/> RNTS 205 - 7 | 20' | 7 | <input type="checkbox"/> RNTS 255 - 11 | 25' | 11 | <input type="checkbox"/> RNTS 255 - 7 | 25' | 7 | <input type="checkbox"/> RNTS 186 - 7 | 18' | 7 | <input type="checkbox"/> RNTS 206 - 7 | 20' | 7 | <input type="checkbox"/> RNTS 256 - 7 | 25' | 7 | <input type="checkbox"/> RNTS 286 - 7 | 28' | 7 | <input type="checkbox"/> RNTS 306 - 7 | 30' | 7 |
| <input type="checkbox"/> RNTS 104 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10'                                    | 11     |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 124 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 12'                                    | 11     |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 144 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 14'                                    | 11     |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 164 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16'                                    | 11     |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 184 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18'                                    | 11     |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 204 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20'                                    | 11     |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 204 - 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20'                                    | 7      |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 244 - 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 24'                                    | 7      |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 165 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16'                                    | 11     |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 185 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18'                                    | 11     |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 185 - 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18'                                    | 7      |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 205 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20'                                    | 11     |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 205 - 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20'                                    | 7      |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 255 - 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 25'                                    | 11     |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 255 - 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 25'                                    | 7      |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 186 - 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18'                                    | 7      |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 206 - 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20'                                    | 7      |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 256 - 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 25'                                    | 7      |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 286 - 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 28'                                    | 7      |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |
| <input type="checkbox"/> RNTS 306 - 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 30'                                    | 7      |         |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                        |     |    |                                       |     |   |                                       |     |   |                                        |     |    |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                        |     |    |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |                                       |     |   |

## OPTIONS



**GFI**  
Duplex GFI  
w/ Cover



**GFI-IU**  
Duplex GFI  
w/ In-Use Cover



**T3120**  
3 Way Adapter



**T490**  
4 Way Adapter



**FRBC**  
Flat Round Base Cover



**RBC**  
Round Base Cover

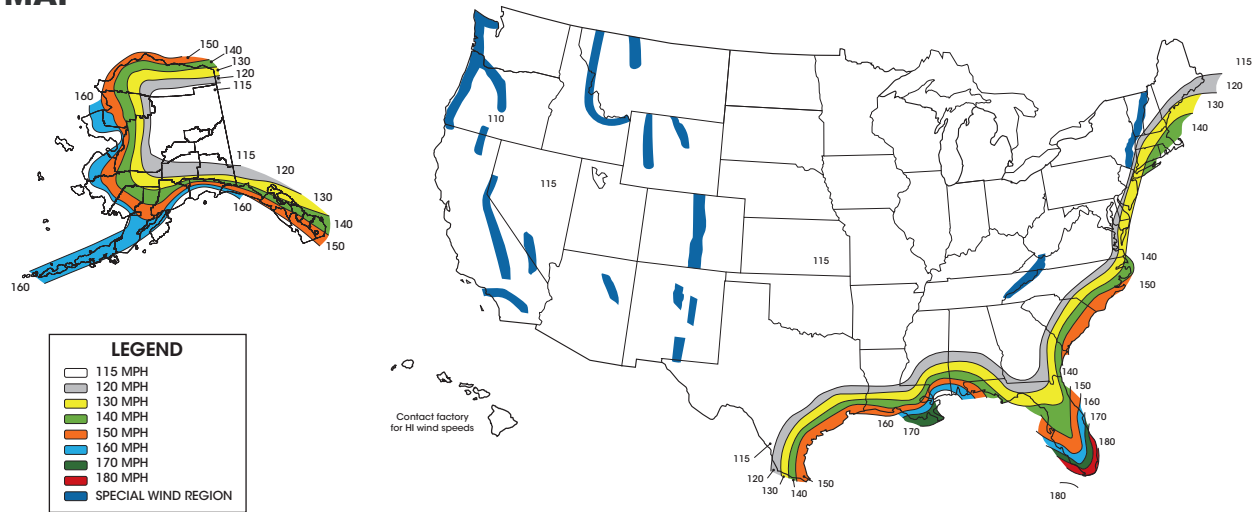


**CPLN**  
1/2", 3/4", 1 1/4", 1 1/2",  
or 2" Coupling



**NPLE**  
1/2", 3/4", 1 1/4", 1 1/2",  
or 2" Nipple

## WIND MAP



## EPA INFORMATION (ft²) (per AASHTO LRFDLTS-1 revised 2022)

| Cat. No.    | Weight Capacity Maximum (Lbs.) | 100 MPH | 110 MPH | 115 MPH | 120 MPH | 130 MPH | 140 MPH | 150 MPH | 160 MPH | 170 MPH | 180 MPH |
|-------------|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| RNTS 104-11 | 300 - 252*                     | 15.0    | 15.0    | 15.0    | 15.0    | 14.4    | 12.4    | 10.6    | 9.0     | 8.2     | 7.2     |
| RNTS 124-11 | 300 - 182*                     | 15.0    | 15.0    | 15.0    | 13.6    | 11.2    | 9.6     | 7.8     | 6.8     | 6.2     | 5.2     |
| RNTS 144-11 | 300 - 143.5*                   | 15.0    | 13.5    | 12.1    | 10.9    | 9.1     | 7.5     | 6.3     | 5.1     | 4.7     | 4.1     |
| RNTS 164-11 | 300 - 87.5*                    | 13.1    | 10.3    | 9.1     | 8.1     | 6.7     | 5.1     | 4.1     | 3.5     | 3.3     | 2.5     |
| RNTS 184-11 | 300 - 66.5*                    | 10.9    | 8.3     | 7.3     | 6.7     | 4.9     | 3.7     | 2.9     | 2.7     | 2.3     | 1.9     |
| RNTS 204-11 | 300 - 60*                      | 9.0     | 7.0     | 5.8     | 5.0     | 3.6     | 2.6     | 1.8     | 1.4     | 1.3     | 1.2     |
| RNTS 204-7  | 300 - 105*                     | 15.0    | 14.0    | 12.1    | 9.4     | 7.8     | 6.4     | 4.8     | 4.2     | 3.6     | 3.0     |
| RNTS 244-7  | 300 - 60*                      | 10.2    | 8.0     | 6.3     | 5.0     | 3.9     | 3.0     | 2.2     | 1.8     | 1.5     | 0.9     |
| RNTS 165-11 | 300 - 262.5*                   | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 13.3    | 10.7    | 9.1     | 7.5     |
| RNTS 185-11 | 300 - 182*                     | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 12.8    | 10.0    | 8.0     | 6.6     | 5.2     |
| RNTS 185-7  | 300 - 217*                     | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 14.6    | 12.2    | 9.6     | 8.0     | 6.2     |
| RNTS 205-11 | 300 - 129.5*                   | 15.0    | 12.5    | 10.9    | 9.1     | 7.8     | 6.6     | 5.5     | 4.8     | 4.3     | 3.7     |
| RNTS 205-7  | 300 - 154*                     | 15.0    | 15.0    | 15.0    | 15.0    | 14.8    | 12.0    | 9.2     | 7.2     | 5.8     | 4.4     |
| RNTS 255-11 | 300 - 60*                      | 9.4     | 6.8     | 5.4     | 5.0     | 4.0     | 3.2     | 2.6     | 1.8     | 1.8     | 1.4     |
| RNTS 255-7  | 300 - 126*                     | 15.0    | 12.6    | 10.8    | 9.6     | 8.2     | 6.8     | 5.8     | 4.6     | 4.2     | 3.6     |
| RNTS 186-7  | 300                            | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 13.5    | 12.1    | 10.5    |
| RNTS 206-7  | 300                            | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 13.6    | 11.8    | 10.4    | 9.2     |
| RNTS 256-7  | 300                            | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 15.0    | 14.2    | 12.0    | 10.2    | 8.8     |
| RNTS 286-7  | 300 - 189*                     | 15.0    | 15.0    | 15.0    | 13.8    | 11.4    | 9.6     | 8.4     | 7.2     | 6.2     | 5.4     |
| RNTS 306-7  | 300 - 161*                     | 15.0    | 15.0    | 13.2    | 12.0    | 9.8     | 8.2     | 7.2     | 5.8     | 5.0     | 4.6     |

## EPA INFORMATION (ft²) (per 2020 FL Building Code)

| Cat. No.    | Weight Capacity Maximum (Lbs.) | 120 MPH | 130 MPH | 140 MPH | 150 MPH | 160 MPH | 170 MPH | 180 MPH |
|-------------|--------------------------------|---------|---------|---------|---------|---------|---------|---------|
| RNTS 104-11 | 300 - 154*                     | 8.6     | 7.8     | 7.1     | 6.5     | 5.5     | 5.0     | 4.4     |
| RNTS 124-11 | 224 - 112*                     | 6.4     | 5.8     | 5.3     | 4.8     | 4.2     | 3.8     | 3.2     |
| RNTS 144-11 | 179 - 87.5*                    | 5.1     | 4.7     | 4.2     | 3.9     | 3.1     | 2.9     | 2.5     |
| RNTS 164-11 | 115.5 - 60*                    | 3.3     | 3.0     | 2.8     | 2.5     | 2.1     | 2.0     | 1.5     |
| RNTS 184-11 | 84 - 60*                       | 2.4     | 2.1     | 2.0     | 1.8     | 1.7     | 1.4     | 1.2     |
| RNTS 204-11 | 168 - 60*                      | 4.8     | 3.4     | 2.5     | 1.7     | 1.3     | 1.2     | 1.1     |
| RNTS 204-7  | 300 - 101.5*                   | 8.9     | 7.4     | 6.1     | 4.6     | 4.0     | 3.4     | 2.9     |
| RNTS 244-7  | 168 - 60*                      | 4.8     | 3.7     | 2.9     | 2.1     | 1.7     | 1.4     | 0.9     |
| RNTS 165-11 | 300 - 161*                     | 10.8    | 9.8     | 9.0     | 8.1     | 6.5     | 5.6     | 4.6     |
| RNTS 185-11 | 283.5 - 112*                   | 8.1     | 7.4     | 6.7     | 6.1     | 4.9     | 4.0     | 3.2     |
| RNTS 185-7  | 300 - 133*                     | 9.9     | 9.0     | 8.2     | 7.5     | 5.9     | 4.9     | 3.8     |
| RNTS 205-11 | 300 - 122.5*                   | 8.6     | 7.4     | 6.3     | 5.2     | 4.6     | 4.1     | 3.5     |
| RNTS 205-7  | 262.5 - 94.5*                  | 7.5     | 6.8     | 6.2     | 5.6     | 4.4     | 3.5     | 2.7     |
| RNTS 255-11 | 73.5 - 60*                     | 2.1     | 1.9     | 1.8     | 1.6     | 1.4     | 1.1     | 0.9     |
| RNTS 255-7  | 164.5 - 77*                    | 4.7     | 4.3     | 3.9     | 3.5     | 3.0     | 2.6     | 2.2     |
| RNTS 186-7  | 300 - 224*                     | 12.2    | 11.1    | 10.1    | 9.2     | 8.3     | 7.4     | 6.4     |
| RNTS 206-7  | 300 - 196*                     | 11.1    | 10.1    | 9.2     | 8.3     | 7.2     | 6.4     | 5.6     |
| RNTS 256-7  | 238 - 112*                     | 6.8     | 6.2     | 5.7     | 5.1     | 4.3     | 3.7     | 3.2     |
| RNTS 286-7  | 238 - 115.5*                   | 6.8     | 6.2     | 5.7     | 5.1     | 4.4     | 3.8     | 3.3     |
| RNTS 306-7  | 206.5 - 98*                    | 5.9     | 5.3     | 4.8     | 4.4     | 3.5     | 3.1     | 2.8     |

\* 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.
- U.S. Architectural discourages the attachment of unauthorized accessories; any such attachments will void the manufacturer's warranty.
- 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:

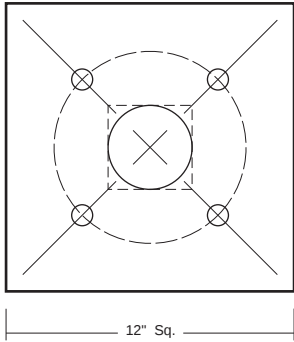
- We do not recommend the installation of poles without a fixture; such installation have been known to fail due to high pole vibrations. Replace with note 1 above
- Pole installations with a combined (fixtures, banners, flags, etc.) of less than 0.75 ft² EPA and 25 feet or taller will be provided with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

## ANCHOR BOLT TEMPLATES

For printable versions of Templates go to <https://usaltg.com/document-type/anchor-bolt-template>.

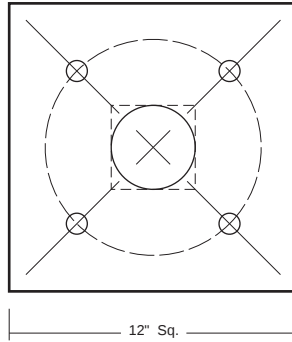
### US8

8" Bolt Circle



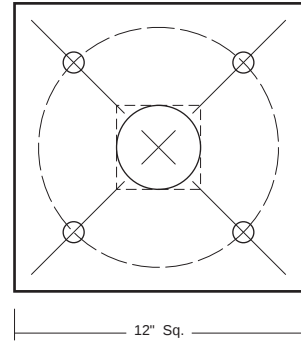
### US9

9" Bolt Circle



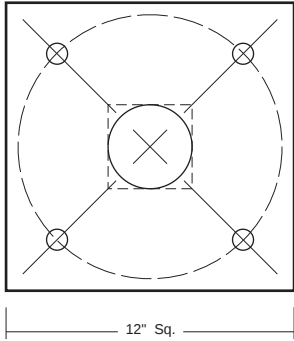
### US10

10" Bolt Circle



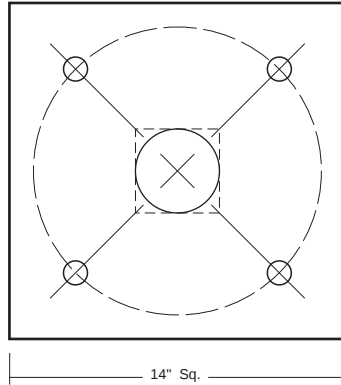
### US11

11" Bolt Circle



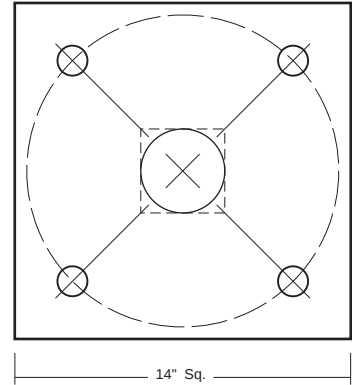
### US12

12" Bolt Circle



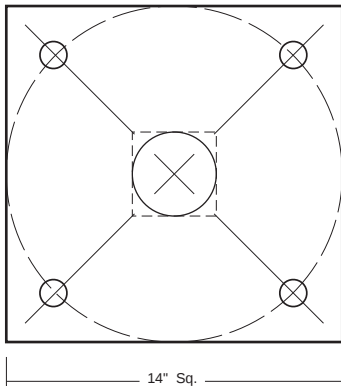
### US13

13" Bolt Circle



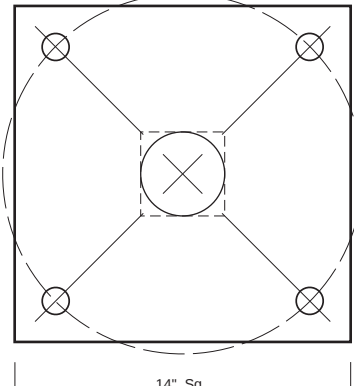
### US14

14" Bolt Circle



### US15

15" Bolt Circle



### US16

16" Bolt Circle

