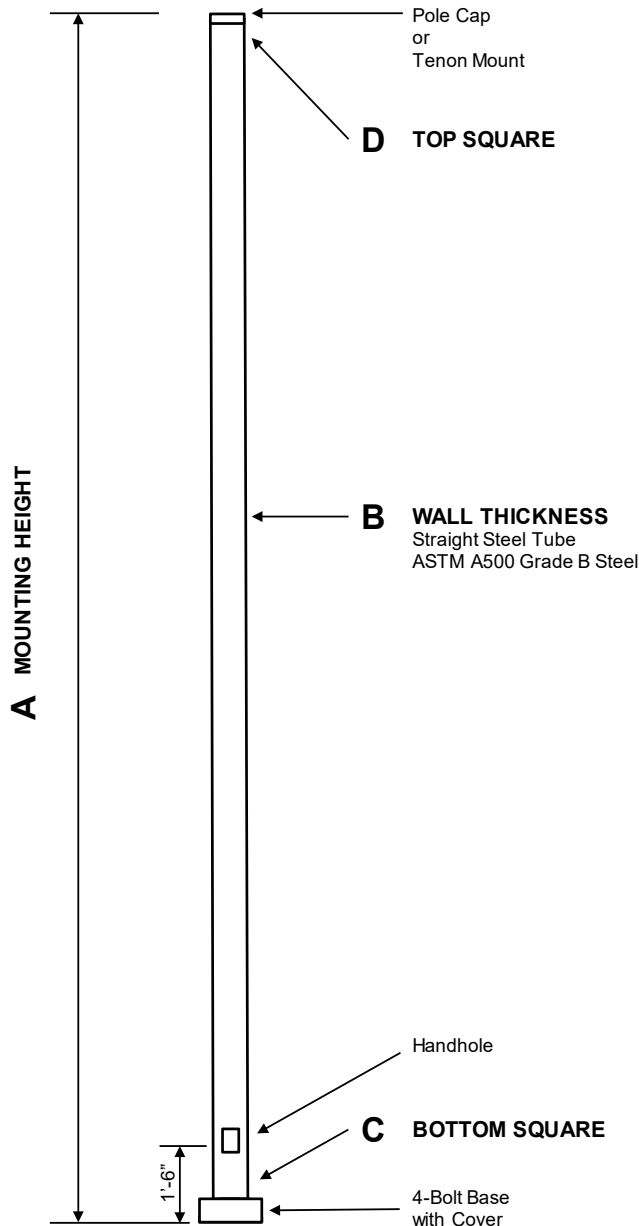


## SSS - Square Straight Steel Pole Anchor Base



C	D	F	G	H	I
BUTT DIA.	TOP SQ.	BOLT CIR. DIA.	BASE SQ.	BOLT PROJ.	BOLT SIZE
4 11 GAUGE	4	8 - 9	8	3.75	.75 x 17 x 3
4 7 GAUGE	4	8 - 9	8	3.75	.75 x 30 x 3
5 11 GAUGE	5	10 - 12	11	4.875	.75 x 30 x 3
5 7 GAUGE	5	10 - 12	11	4.875	1 x 36 x 4
6	6	11 - 13	12.5	4.875	1 x 36 x 4

### POLE

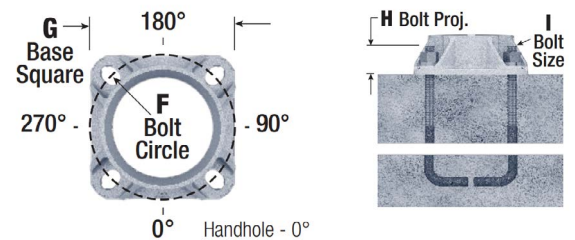
Pole shaft shall be weldable-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B. Options include 11 and 7 gauge. All welds shall conform to AWS D1.2 using ER70S-6 electrodes.

### BASE STYLE

4-Bolt Steel Base Plate of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent with 2-piece Base Cover and attaching hardware.

### ANCHORAGE

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.



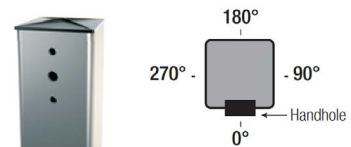
### HANDHOLE

Reinforced 3" x 5" Handhole with cover, stainless steel screw and backbar. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.

### BASE STYLE

#### Side Drill Mount

Luminaire type, quantity, and orientation information must be provided for Side Drill Mount applications. A luminaire drilling template must also be supplied at time of order.



#### Tenon Mount - Welded

For Tenon Mount applications specify both Tenon diameter (2.375", 2.875", 3.5", etc.) and length (3", 4", etc.).

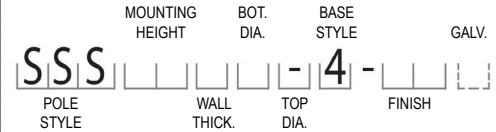


## SSS - Square Straight Steel Pole Anchor Base

A MTG HGT	B WALL GAUGE	C BUTT SQ.	TOTAL FIXTURE WEIGHT	MAXIMUM EPA					ORDER NUMBER
				90	100	110	120	130	
10	11	4	320	25.2	20.0	18.6	15.3	12.7	SON-SSS10B4-4**
12	11	4	285	20.6	16.2	14.9	12.1	9.9	SON-SSS12B4-4**
14	11	4	255	17.0	13.2	12.1	9.7	7.8	SON-SSS14B4-4**
15	11	4	245	15.5	11.9	10.9	8.6	6.8	SON-SSS15B4-4**
16	7	4	305	23.4	18.4	17.0	13.8	11.4	SON-SSS15D4-4**
16	11	4	235	14.0	10.7	9.7	7.6	5.9	SON-SSS16B4-4**
16	7	4	290	21.5	16.8	15.5	12.5	10.2	SON-SSS16D4-4**
18	11	4	215	11.3	8.4	7.6	5.7	4.3	SON-SSS18B4-4**
18	7	4	265	18.0	13.9	12.8	10.2	8.2	SON-SSS18D4-4**
20	11	4	200	9.1	6.5	5.8	4.2	2.9	SON-SSS20B4-4**
20	11	5	235	14.1	10.3	9.2	6.8	4.9	SON-SSS20B5-4**
20	7	4	240	15.1	11.5	10.5	8.2	6.5	SON-SSS20D4-4**
20	7	5	330	26.3	20.3	18.6	14.8	11.9	SON-SSS20D5-4**
22	11	4	200	7.2	4.9	4.2	2.8	1.7	SON-SSS22B4-4**
22	11	5	215	11.4	8.0	7.1	4.9	3.2	SON-SSS22B5-4**
22	7	4	225	12.7	9.5	8.6	6.6	5.0	SON-SSS22D4-4**
22	7	5	300	22.4	17.1	15.6	12.2	9.6	SON-SSS22D5-4**
25	11	4	200	4.7	2.8	2.2	1.0	-	SON-SSS25B4-4**
25	11	5	200	8.0	5.1	4.3	2.4	1.0	SON-SSS25B5-4**
25	7	4	205	9.7	6.9	6.2	4.4	3.1	SON-SSS25D4-4**
25	7	5	260	17.7	13.2	11.9	9.0	6.7	SON-SSS25D5-4**
28	11	4	200	2.6	1.0	-	-	-	SON-SSS28B4-4**
28	11	5	200	5.1	2.6	1.9	-	-	SON-SSS28B5-4**
28	7	4	200	7.1	4.8	4.1	2.6	1.5	SON-SSS28D4-4**
28	7	5	235	13.9	9.9	8.8	6.3	4.3	SON-SSS28D5-4**
30	11	5	200	3.4	1.1	-	-	-	SON-SSS30B5-4**
30	7	4	200	5.6	3.5	2.9	1.6	-	SON-SSS30D4-4**
30	7	5	215	11.7	8.0	7.0	4.7	2.9	SON-SSS30D5-4**
30	7	6	275	19.2	13.7	12.2	8.7	5.9	SON-SSS30D6-4**
35	7	5	200	6.9	4.0	3.1	1.2	-	SON-SSS35D5-4**
35	7	6	220	12.6	8.0	6.8	3.9	1.6	SON-SSS35D6-4**
39	7	6	200	8.2	4.2	3.1	0.6	-	SON-SSS39D6-4**

### ORDER NUMBER SEQUENCE

The order numbers for SONARAY poles uses the following identification sequence:



### ORDER NUMBER EXAMPLE

SON SSS 20 D 5 - 4 - BA

*Square Straight Steel, 20' Mounting Height, 7 Gauge, 5" Butt Square, No Taper, 4-Bolt Base, Black Powder Coat Finish*

### WALL THICKNESS

B = 11 Gauge  
D = 7 Gauge

### BUTT DIAMETER

3 = 3"  
4 = 4"  
5 = 5"

### TOP SQUARE

- = No Taper

### BASE STYLE

4 = 4-Bolt Base

### FINISH

BA = Black Powder Coat  
BH = White Powder Coat  
BM = Dark Bronze Powder Coat  
BV = Dark Green Powder Coat  
GC = Gray Powder Coat

00G = Galvanized Only  
BAG = Black PC Over Galvanized  
BHG = White PC Over Galvanized  
BMG = Dark Bronze PC Over Galvanized  
BVG = Dark Green PC Over Galvanized  
GCG = Gray PC Over Galvanized

### EPA NOTES

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.