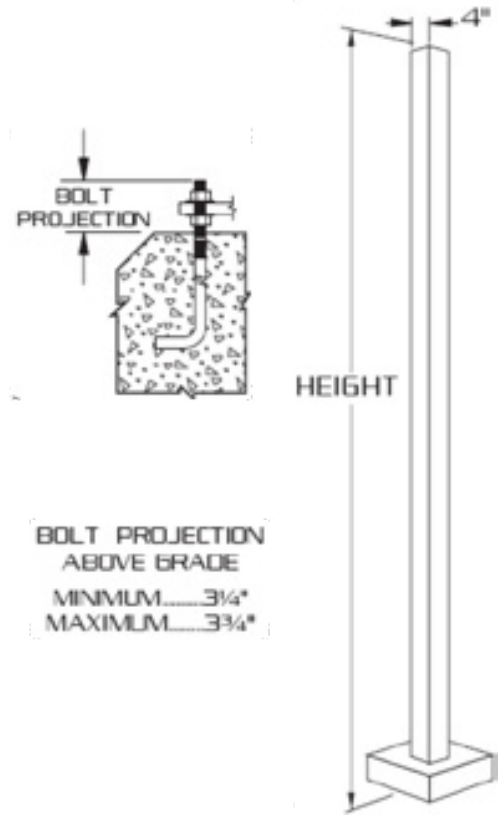
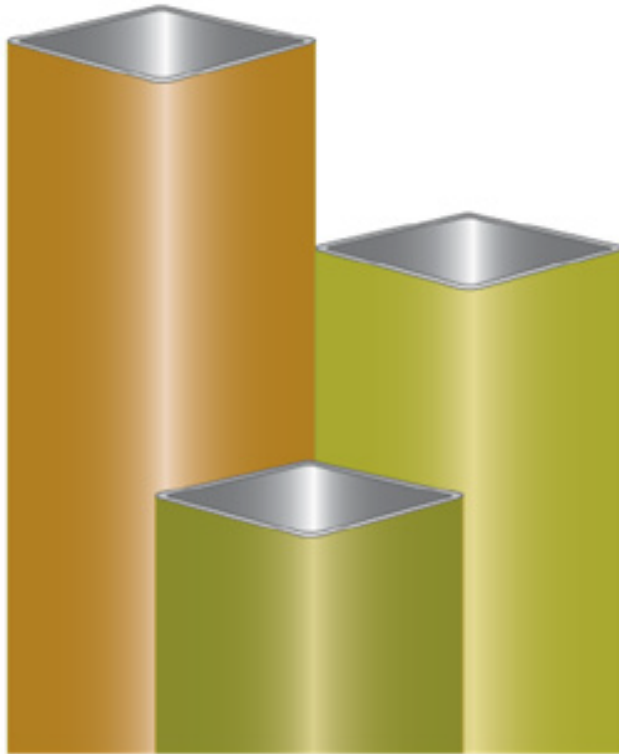


NBRS NBSS Non-Tapered Steel Pole



Project Details	PROJECT	
	DATE	
	TYPE	
	PREPARER	



SPECIFICATIONS Round Non-Tapered Steel Pole

Pole Shaft: Shaft fabricated from weldable grade hot rolled commercial quality carbon steel ASTM 500 Grade B tubing with minimum yield strength of 46,000 PSI. Shaft is furnished with ground lug inside pole. Opposite hand hole opening.

Base Plate: Steel plate base is ASTM-A36 hot rolled steel, meets or exceeds minimum yield strength of 36,000 PSI. The base is provided with a slotted anchor bolt opening that enables a range of bolt circles.


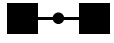
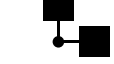
Base Cover: Fabricated from heavy gauge quality aluminum. Two-piece base cover completely conceals the entire base plate and anchorage.

Finish: Poles are sandblasted and cleaned then textured thermoset polyester powder coat is then applied to a minimum of 3-5 mils. Then oven baked at a temperature of 400 degrees Fahrenheit to insure exceptional adherence and finish hardness. Pole warranted for a full two years.

Anchor bolts: Poles are provided with 100% galvanized anchor bolts, with double nuts and washers. Anchor bolts conform to ASTM-A36, meets or exceeds a minimum yield strength 36,000 PSI.

ORDER Format

Sample: **NBSS-4S-11-20-10"-342-S1-BK-GFI**

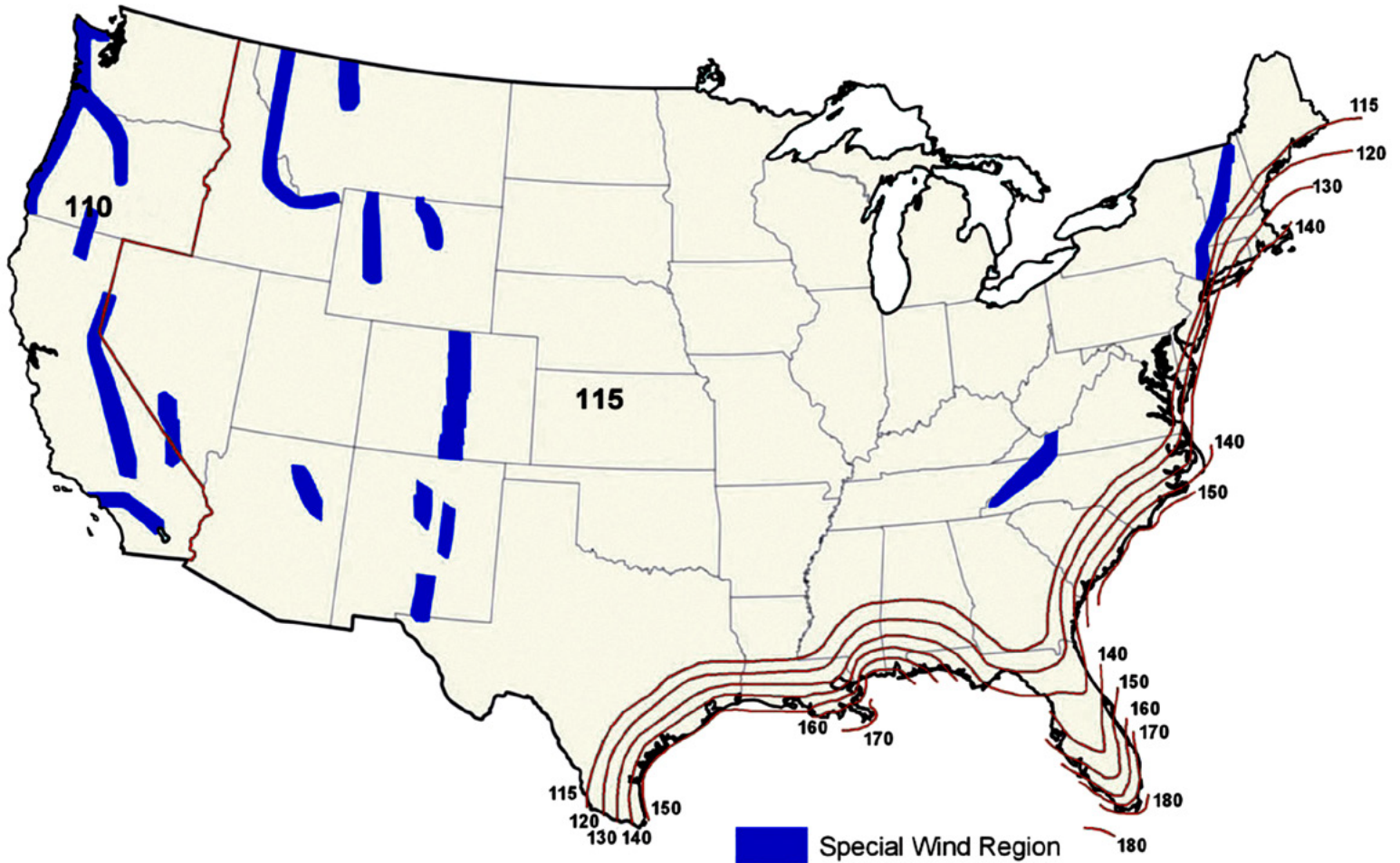
MODEL	SHAFT SIZE	GAUGE	HEIGHT	BASE	ANCHORAGE	MOUNTING	FINISH	OPTIONS
NBSS	4" x 4" • (4S)	120 Wall 1/8"	• 10' • 12' • 14'	Base Plate • (10")	3/4" x 24" • (342)	Bolt On Arm	Bronze • (BZ)	GFI Prov. In Hand Hole
	5" x 5" • (5S)	188 Wall 3/16"	• 15' • 16' • 18'	Bolt Circle 9.75"	1" x 36" • (136)	• Single (S1) 	Black • (BK)	• (GFI) Coupling Size & Location
	6" x 6" • (6S)	188 Wall 3/16"	• 16' • 18' • 20' • 22' • 25' • 28' • 30' • 35'	Base Plate • (12") Bolt Circle 11.75"	Use anchor bolts (342) for poles up to 20'	• Double 180 (D2) 	White • (WH) Green • (GN)	• (CUP) Custom Bolt Circle Consult factory
			Custom pole height consult factory	• (CB) Custom base configurations consult factory Poles up to 20' use (10) Base plate Poles OVER 20' use (12) base plate	Use anchor bolts (136) for poles OVER 20'	• Double 90 (D9) 	Grey • (GY) Silver M. • (SM) Custom • (CC)	• (CBC) Gal. Under Powder Coat • (GUPC) Tenon Options 2-3/8" • (T238R) 2-7/8" • (T278R) 3" • (T3R)

Nebulite Technology Inc. reserves the right to make modifications or changes to any of its products without prior written notification and without incurring obligation. Actual performance can vary depending on surrounding conditions

TECHNICAL INFORMATION EPA For Square Non-Tapered Straight Steel Pole

Pole Height	EPA (f t ²) with 1.3 gust factor							O.D	Pole Gauge	Base Plate	Bolts Circle	Anchor Bolts
	80 mph	90 mph	100 mph	110 mph	120 mph	130 mph	140 mph					
10'	30.1	23.5	18.4	11.0	10.3	6.1	7.6	4"	11	10"sq x 3/4"	9½"	3/4" x 24"
12'	23.0	17.4	13.7	8.5	7.4	4.4	5.7	4"	11	10"sq x 3/4"	9½"	3/4" x 24"
14'	18.6	13.9	10.6	6.6	5.7	3.1	4.3	4"	11	10"sq x 3/4"	9½"	3/4" x 24"
16'	15.0	10.9	10.1	4.8	3.9	1.9	3.1	4"	11	10"sq x 3/4"	9½"	3/4" x 24"
18'	11.7	8.4	6.0	3.4	2.8	—	1.9	4"	11	10"sq x 3/4"	9½"	3/4" x 24"
20'	9.3	6.4	4.3	2.4	1.7	—	1.3	4"	11	10"sq x 3/4"	9½"	3/4" x 24"
20'	15.8	10.9	8.2	5.0	4.2	2.0	3.1	4"	7	10"sq x 3/4"	9½"	3/4" x 24"
20'	17.1	12.3	8.9	5.0	4.1	1.4	3.0	5"	11	12"sq x 1"	11¼"	1" x 36"
20'	27.4	22.1	16.7	13.2	8.3	3.9	6.0	5"	7	12"sq x 1"	11¼"	1" x 36"
22'	6.3	3.7	1.9	1.3	—	—	—	4"	11	12"sq x 1"	11¼"	1" x 36"
22'	11.8	8.0	5.4	3.5	2.3	—	2.0	4"	7	12"sq x 1"	11¼"	1" x 36"
22'	12.6	8.4	5.4	3.2	1.9	—	1.6	5"	11	12"sq x 1"	11¼"	1" x 36"
22'	21.4	15.4	11.1	6.9	5.0	2.3	4.3	5"	7	12"sq x 1"	11¼"	1" x 36"
25'	5.0	2.9	1.3	—	—	—	—	4"	11	12"sq x 1"	11¼"	1" x 36"
25'	10.9	7.4	5.2	2.1	1.3	—	1.0	4"	7	12"sq x 1"	11¼"	1" x 36"
25'	10.2	6.6	4.0	1.6	—	—	—	5"	11	12"sq x 1"	11¼"	1" x 36"
25'	18.8	13.0	9.5	4.8	3.7	—	2.7	5"	7	12"sq x 1"	11¼"	1" x 36"
28'	5.6	3.1	1.4	1.1	—	—	—	4"	7	12"sq x 1"	11¼"	1" x 36"
28'	5.5	3.0	1.3	—	—	—	—	5"	11	12"sq x 1"	11¼"	1" x 36"
28'	12.0	7.6	4.4	2.8	1.3	—	1.1	5"	7	12"sq x 1"	11¼"	1" x 36"
28'	20.9	14.1	9.4	5.7	3.6	—	3.1	6"	7	12"sq x 1"	11¼"	1" x 36"
30'	5.0	2.2	—	—	—	—	—	5"	11	12"sq x 1"	11¼"	1" x 36"
30'	11.4	6.8	4.0	1.7	—	—	—	5"	7	12"sq x 1"	11¼"	1" x 36"
30'	18.9	12.8	8.4	4.3	3.0	—	1.9	6"	7	12"sq x 1"	11¼"	1" x 36"
35'	6.7	2.3	1.8	—	—	—	—	5"	7	12"sq x 1"	11¼"	1" x 36"
35'	12.1	7.0	3.8	—	—	—	6"	6"	7	12"sq x 1"	11¼"	1" x 36"

ASCE 7-10 Strength Level Basic Wind Speeds for Risk Category II Buildings and Other Structures



Wind Speed Map and Pole EPAs are based on ANSI/ASCE 7-10. Please inform ATG if your local code requirements differ; NEBULITE can supply calculations to your code requirements.

NOTES:

1. Values are the fastest-mile speeds at 33 ft. (10 m) above ground for exposure Category 2.
2. Linear interpolation between wind speed contours is acceptable.
3. When using this map to determine EPA readings, always use high end of range.
4. Fixture and pole EPA values are based on wind pressures and forces specified in ANSI/ASCE 7-10.
5. Local code may require wind speeds other than those shown on map.

All NEBULITE poles are guaranteed to meet the EPA requirements listed. Pole manufacturer is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located. CAUTION: This guarantee does not apply if the pole/bracket/ fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. ATG cannot accept responsibility for harm or damage caused in these situations.