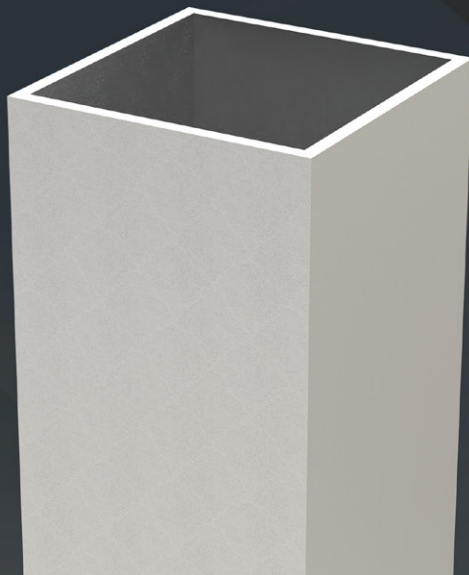


DIRECT BURIAL SQUARE STRAIGHT STEEL POLE

HEIGHT ABOVE GRADE

10' - 24'

POLE SHAFT

The pole shaft material is a weldable grade hot rolled commercial quality carbon steel tubing with a minimum yield of 46,000 psi. Conforms to ASTM A500 Grade B Standards. Poles have ground lug welded inside hand-hole opposite side of the hand-hole. Pole shaft is welded to base plate on top and bottom of base plate.

Direct Burial poles can be ordered with optional coupling (specify height), optional hand hole (specify height), or optional Slot for conduit ingress and egress (specify height). When poles are ordered with a three-way combination of Coupling, Hand Hole and Ground Lug, then the Ground Lug is positioned at 90 degrees to the Hand Hole and the Coupling is opposite the Hand Hole. When the pole is ordered with Hand Hole only, the Ground Lug is at 180 to the Hand Hole.

POLE CAP

All poles come with a removable polymer pole cap installed. All pole caps are black finish. Aluminum Pole Cap option is painted to match pole.

FINISH

All poles are treated with shot blast media for a near white finish, power blasted with 100 psi prior to powder coat application. Electrostatically applied AAMA 2604 polyester powder coat with a 3 to 5 mil thickness for maximum adherence.

MARINE GRADE FINISH

All poles are washed through a 5-stage cleaning system with a deionized rinse, a 3 to 5 mils zinc rich durable AAMA 2604 polyester primer powder coat, followed by a 3 to 5 mils super durable polyester powder coat finish.

Recommended for applications near the coastline or in demanding environments.

GALVANIZED FINISH

All poles are Hot Dipped Galvanized in a multi stage process. Galvanizing Specification, Zinc (Hot Dipped Galvanized) per ASTM A 123/A 123M - 02

Zinc coatings on threaded materials shall conform to specification A 153 /A 153M. The coating shall be continuous and reasonably smooth and uniform in thickness and in weight.

Galvanizing Adherence - The Zinc coating shall withstand handling consistent with the nature and thickness of the coating and normal use of the article without peeling or flaking.

Provides the most protection against the elements in coastal and harsh environments.

GALVANIZED UNDER POWDER

Galvanized Under Powder (GUP) adheres to above galvanized specification, and the second stage is a light sand blast on the outside of the pole, third stage is a 3-5 mils AAMA 2604 polyester powder coat finish for maximum adherence.

VIBRATION DAMPENER

The Vibration Dampener is factory installed and consists of a rugged galvanized chain coated with heavy duty polyester tubing that is factory secured at the bottom 2-3rds of the pole and can optionally be secured in the field by a contractor at the base during installation.

BUY AMERICAN

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade American Act), or BABA (Build America, Buy America).

4"
5"

Project Name:

Type:

DBSSSP ORDERING GUIDE

Cat#

Height Above Grade

Pole Dimension

Gauge

Mounting

Direct Burial
Square Straight
Steel Pole
(DBSSSP)

10'

(10)

4" Square
(4S)

.120 Wall Thickness
(11G)

Single
(SGL)

12'

(12)

5" Square
(5S)

.188 Wall Thickness
(7G)

Double
(D-90)
(D-180)

14'

(14)

.250 Wall Thickness
(250)

Triple
(T-90)

16'

(16)

Quad
(QD)

18'

(18)

No Drill
(ND)

20'

(20)

*Tenon Option

22'

(22)

Tenon

24'

(24)

2-3/8" Round
(T2R)

3" Round
(T3R)

3-1/2" Round
(T312R)

4-1/2" Round
(T412R)

3 1/2" Square
(T312S)

4 1/2" Square
(T412S)

5 1/2" Square
(T512S)

Color

Options

Options

Bronze Textured
(BRZ)

GFI Kit
(GFI20A) ^{3, 4, 5}

Square Base Cover
(SBC)

White Textured
(WHT)

20 Amp Weather Proof Receptacle

Round Base Cover
(RBC)

Smooth White Gloss
(SWT)

GFI Provision Only
(PROV) ^{4, 5}

*Consult Factory for Pricing

Silver Metallic
(SVR)

Galvanized
(GLV)

UL Certified with label
(UL) ¹

Black Textured
(BLK)

Galvanized Under Powder
(GUP)

Aluminum Pole Cap
(APC) ²

Smooth Black Gloss
(SBK)

1/2" Coupling
(COUP) ⁴

Buy American Act
(BAA) ²

*Specify Location

Graphite Textured
(GPH)

Vibration Dampener
(VD)

Trade Agreement Act
(TAA) ²

Grey Textured
(GRY)

Hand Hole
(HH) ⁴

Build America Buy American
(BABA) ²

*Specify Location

Green Textured
(GRN)

Slot
(S)

Hunter Green Textured
(HGN)

Marine Grade Finish
(MGF)

Custom
(CS)

Anti-Rotation Rod
(ARR)

NOTES:

1. Aluminum Pole Cap must be selected for UL Certified Pole Option
2. Consult Factory
3. Standard weatherproof cover comes standard with option.
For lockable cover requests, please contact factory
4. Specify the Height (in feet) from ground level and degree orientation
from wire access slot.
5. 120V Only



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PRODUCT SPECIFICATIONS

Max. allowable EPA - DBSSSP poles (per AASHTO LRFDLTS-1)																													
Catalog Number	Above Grade Shaft Length, ft	Shaft Total Length, ft.	Em-bed-ment Depth, ft.	Wall thick-ness, in.	Shaft dia., in.	80 mph	Max. wt. (lb)	90 mph	Max. wt. (lb)	100 mph	Max. wt. (l b)	110 mph	Max. wt. (lb)	115 mph	Max. wt., lb	120 mph	Max. wt., lb	130 mph	Max. wt., lb	140 mph	Max. wt., lb	150 mph	Max. wt., lb	160 mph	Max. wt., lb	170 mph	Max. wt., lb	180 mph	Max. wt., lb
DBSSSP-10-4S-11G	10	14	4	0.125	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	19.2	480	16.2	405	14.0	350	12.4	310
DBSSSP-10-4S-7G	10	14	4	0.188	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	17.8	445
DBSSSP-10-5S-11G	10	14	4	0.125	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.5	463
DBSSSP-10-5S-7G	10	14	4	0.188	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500
DBSSSP-12-4S-11G	12	16	4	0.125	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	17.3	433	14.9	373	12.7	318	10.5	263	9.3	233
DBSSSP-12-4S-7G	12	16	4	0.188	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.1	453	15.9	398	13.5	338
DBSSSP-12-5S-11G	12	16	4	0.125	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	19.3	483	16.3	408	14.3	358
DBSSSP-12-5S-7G	12	16	4	0.188	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500
DBSSSP-14-4S-11G	14	18	4	0.125	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	16.9	423	13.7	343	11.7	293	9.5	238	7.9	198	6.9	173
DBSSSP-14-4S-7G	14	18	4	0.188	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	17.2	430	14.4	360	12.2	305	10.7	268
DBSSSP-14-5S-11G	14	18	4	0.125	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	17.6	440	14.8	370	12.8	320	10.8	270
DBSSSP-14-5S-7G	14	18	4	0.188	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.0	450
DBSSSP-16-4S-11G	16	20	4	0.125	4	20.0	500	20.0	500	20.0	500	19.2	480	17.2	430	15.4	385	12.4	310	10.4	260	8.2	205	6.6	165	5.6	140	4.2	105
DBSSSP-16-4S-7G	16	20	4	0.188	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.8	470	15.6	390	13.0	325	10.6	265	9.2	230	7.4	185
DBSSSP-16-4S-250	16	20	4	0.250	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.0	450	15.0	375	12.8	320	11.2	280
DBSSSP-16-5S-11G	16	20	4	0.125	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	19.2	480	16.0	400	13.2	330	10.6	265	9.0	225	7.4	185
DBSSSP-16-5S-7G	16	20	4	0.188	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.6	465	15.8	395	13.2	330
DBSSSP-16-5S-250	16	20	4	0.250	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	19.2	480
DBSSSP-18-4S-11G	18	22	4	0.125	4	20.0	500	20.0	500	20.0	500	16.2	405	14.4	360	12.8	320	9.8	245	8.0	200	6.0	150	5.0	125	3.8	95	2.6	65
DBSSSP-18-4S-7G	18	22	4	0.188	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.8	470	15.2	380	12.4	310	10.4	260	8.2	205	7.0	175	5.4	135
DBSSSP-18-4S-250	18	22	4	0.250	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	17.8	445	14.8	370	12.4	310	10.4	260	8.4	210
DBSSSP-18-5S-11G	18	22	4	0.125	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	19.4	485	15.8	395	12.4	310	10.0	250	8.2	205	6.2	155	4.8	120
DBSSSP-18-5S-7G	18	22	4	0.188	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.0	450	15.0	375	12.6	315	10.2	255
DBSSSP-18-5S-250	18	22	4	0.250	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.2	455	15.6	390
DBSSSP-20-4S-11G	20	25	5	0.125	4	20.0	500	20.0	500	17.0	425	13.0	325	11.4	285	10.2	255	7.6	190	6.0	150	4.2	105	3.2	80	2.2	60	1.0	60
DBSSSP-20-4S-7G	20	25	5	0.188	4	20.0	500	20.0	500	20.0	500	20.0	500	17.8	445	15.6	390	12.4	310	9.8	245	7.8	195	6.4	160	5.0	125	3.8	95
DBSSSP-20-4S-250	20	25	5	0.250	4	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.0	450	14.4	360	11.8	295	9.6	240	7.8	195	6.6	165
DBSSSP-20-5S-11G	20	25	5	0.125	5	20.0	500	20.0	500	20.0	500	20.0	500	18.0	450	16.2	405	12.4	310	9.6	240	7.6	190	5.8	145	4.0	100	3.0	75
DBSSSP-20-5S-7G	20	25	5	0.188	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	17.6	440	14.6	365	11.6	290	9.4	235	7.8	195
DBSSSP-20-5S-250	20	25	5	0.250	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	17.4	435	14.8	370	12.4	310
DBSSSP-22-4S-11G	22	27	5	0.125	4	20.0	500	16.8	420	12.0	300	9	225	7.6	190	6.4	160	4.4	110	2.8	70	1.6	60	0.2	60	-	-	-	-
DBSSSP-22-4S-7G	22	27	5	0.188	4	20.0	500	20.0	500	18.8	470	14.6	365	12.4	310	10.8	270	8.2	205	6.0	150	4.6	115	3.2	80	2.0	60	0.8	60
DBSSSP-22-4S-250	22	27	5	0.250	4	20.0	500	20.0	500	20.0	500	20.0	500	18.4	460	16.4	410	12.6	315	10.2	255	7.6	190	5.8	145	4.6	115	3.4	85
DBSSSP-22-5S-11G	22	27	5	0.125	5	20.0	500	20.0	500	19.4	485	14.4	360	12.4	310	11.0	275	7.8	195	5.4	135	3.6	90	2.0	60	0.8	60	-	-
DBSSSP-22-5S-7G	22	27	5	0.188	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	19.8	495	15.8	395	12.4	310	9.4	235	7.4	185	5.6	140	4.0	100
DBSSSP-22-5S-250	22	27	5	0.250	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	18.4	460	15.2	380	12.0	300	9.6	240	7.8	195
DBSSSP-24-4S-11G	24	29	5	0.125	4	20.0	500	14.2	355	10.0	250	7.0	175	5.4	135	4.6	115	2.8	70	1.4	60	0.2	60	-	-	-	-	-	-
DBSSSP-24-4S-7G	24	29	5	0.188	4	20.0	500	20.0	500	16.0	400	11.8	295	10.4	260	9.0	225	6.2	155	4.6	115	3.0	75	1.4	60	0.6	60	-	-
DBSSSP-24-4S-250	24	29	5	0.250	4	20.0	500	20.0	500	20.0	500	17.8	445	15.4	385	13.8	345	10.6	265	7.8	195	6.0	150	4.4	110	3.0	75	1.6	60
DBSSSP-24-5S-11G	24	29	5	0.125	5	20.0	500	20.0	500	16.2	405	11.6	290	9.8	245	8.2	205	5.8	145	3.4	85	2.0	60	0.2	60	-	-	-	-
DBSSSP-24-5S-7G	24	29	5	0.188	5	20.0	500	20.0	500	20.0	500	20.0	500	19.2	480	16.8	420	12.6	315	9.8	245	7.0	175	5.2	130	3.2	80	1.8	60
DBSSSP-24-5S-250	24	29	5	0.250	5	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	20.0	500	19.6	490	15.6	390	12.0	300	9.4	235	7.2	180	5.6	140
*Pole Assemblies With EPA>9.0 Require Specific Review																													

*Pole Assemblies With EPA>9.0 Require Specific Review

CAUTION: Installation of poles without luminaire(s) will compromise pole strength. Any accessories attached to the pole, or other modifications done in the field, will compromise the pole strength and may result in pole failure. Wind load evaluations and provisions for appendages such as banner arms, signage, cameras, etc., must be evaluated and approved by the factory prior to placing an order. Additional evaluation and approval should be performed by the customer's local structural engineer on the project.



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PRODUCT SPECIFICATIONS

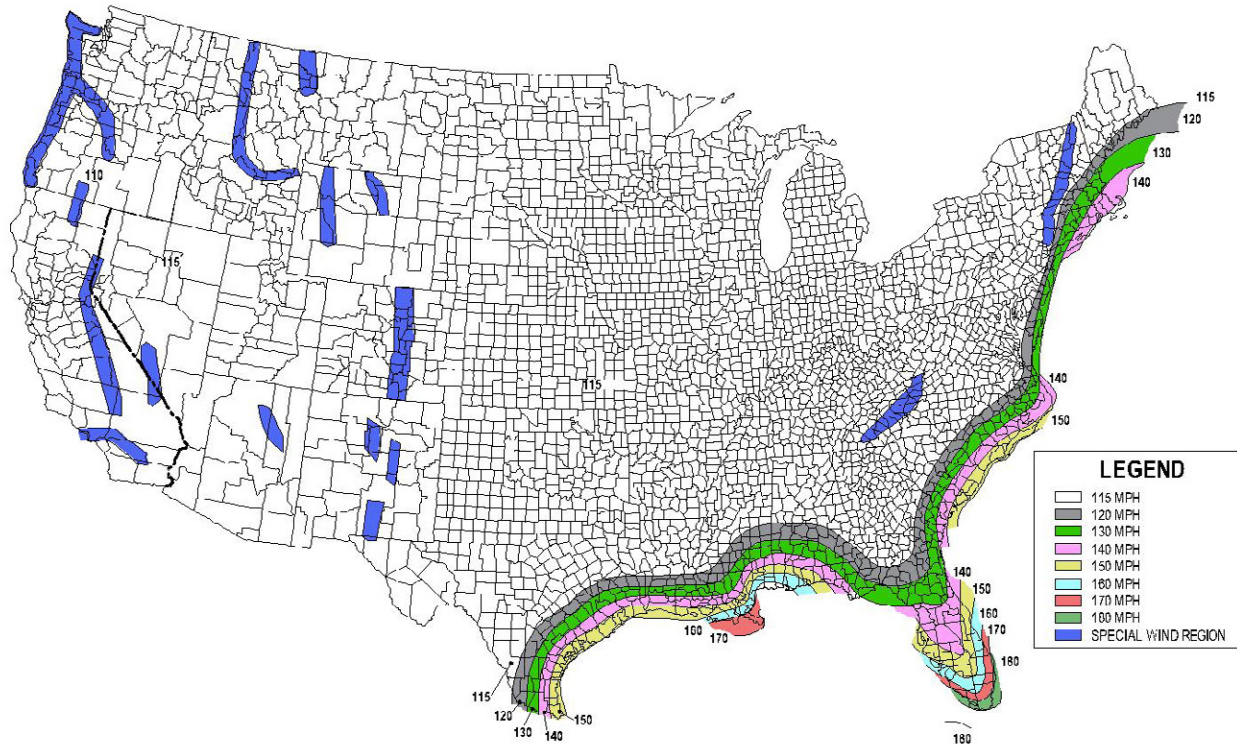


FIG. 3.8-1b - 700-Year MRI Basic Wind Speed, mph (AASHTO LRFDLTS-1)

- 1) All wind load calculations are based on sustained wind force plus and additional 1.3 gust
- 2) Wind Map is to be used as a reference only. Please coordinate with local agencies for further review.
- 3) Wind Map values are based on a 50 year mean recurrence. These values do not account for severe conditions, such as hurricanes, tornadoes, etc...
- 4) For review of poles with additional configurations (arms, banners, shorter/longer pole lengths, etc...), please contact factory.

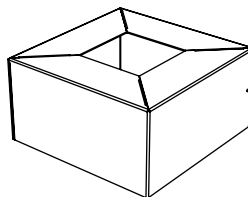
BUY AMERICAN OPTION

While all of the NLS Lighting products listed in this document qualify for the Buy America(n) Act of 1933, we reserve the right to change our listings without notice.

The information provided above is for general informational purposes only. We encourage you to consult legal professionals for advice particular to your projects concerning BAA, TAA, BABA or Buy America.

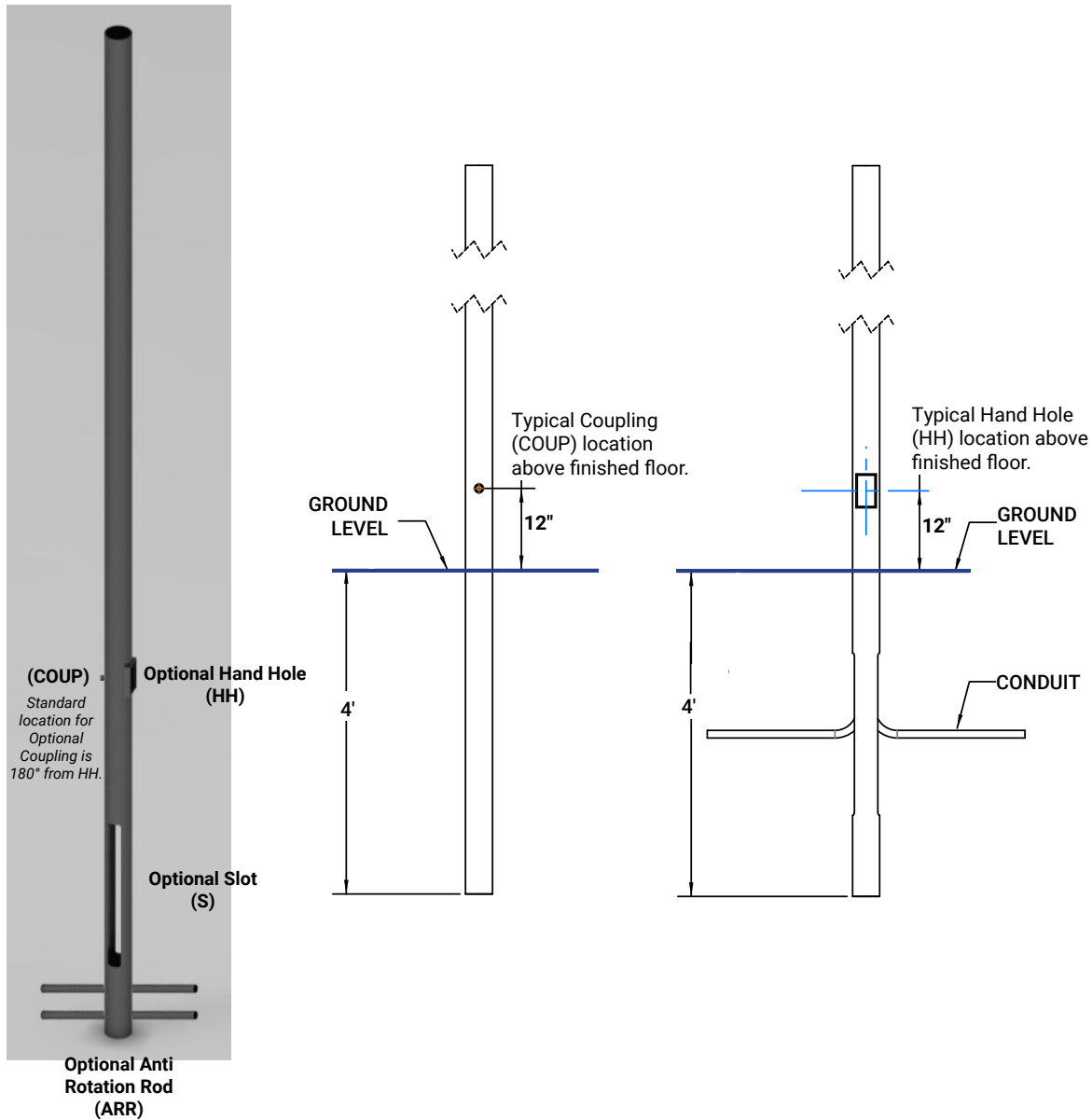
Additional NLS Products that meet BAA, TAA standards can be found at the following link:

[https://nlsighting.com/wp-content/uploads/cs/NLS_BuyAmerica\(n\).pdf](https://nlsighting.com/wp-content/uploads/cs/NLS_BuyAmerica(n).pdf)



OPTIONAL BASE COVER

PRODUCT SPECIFICATIONS



MOUNTING CONFIGURATION

