



M45™

Square Steel Pole



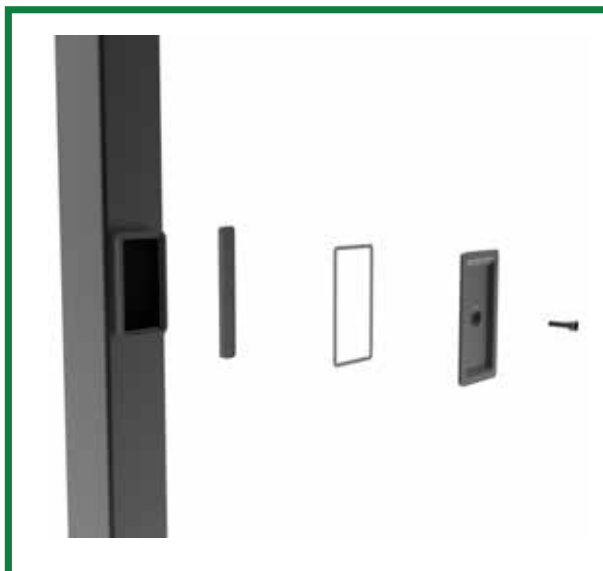
Pole Top Options: A removable plastic top cap is provided if the pole is drilled for attaching light fixtures. The drill pattern & drill orientation need to be provided by the customer unless Energy Light fixtures are used for the project. A 2 3/8 inch diameter tenon with a 4 inch length is most common; however, customer needs to confirm the appropriate tenon size required by the project.

Pole Shaft: Hot rolled, commercial quality, welded steel tubing of 1 piece construction with a min yield strength of 55,000 psi is used to fabricate the pole shaft.

Handhole: A 2 1/2 inch wide x 5 inch tall reinforced handhole is provided at 18 inches from the base plate. A cover with a single screw to secure the latch mechanism is also provided.

Base Cover: A 2 piece ABS plastic base cover is provided. Plastic rivets are included to securely attach the 2 pieces together after pole installation.

Anchor Bolts: A set of 4 steel anchor bolts are provided with each pole assembly. Each bolt includes 2 nuts and 2 washers. A portion of the anchor bolt is threaded for securing & leveling the pole with the provided nuts and washers. An actual size paper anchor bolt template is provided.



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SKU #	BASE MODEL	NOMINAL MOUNTING HEIGHT	POLE DIMENSIONS				BASE PLATE		ANCHOR BOLTS	
			TOP SQ (IN)	BASE SQ (IN)	WALL THK (GA)	STRUCTURE WEIGHT (LBS)	BOLTCIRCLE DIA (IN)	SQ (IN) x THICK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)
155642	Square Pole 4 x 4 20FT	20FT	4	4	0.75"	138	0.75"	10.5 x 10.5"	0.75 X 30 X 4"	3.75"
155643	Square Pole 4 x 4 25FT	25FT	4	4	0.75"	240	0.75"	10.5 x 10.5"	0.75 x 30 x 4"	3.75"
156176	Square Pole 5 x 5 30FT	30FT	5	5	1"	280	1"	11 x 11"	1 x 36 x 4"	4.875"

Maximum EPA with 1.3 Gust Factor

	20Ft	25FT	30FT
80 mph	9.6 Square Feet	9.6 Square Feet	
90 mph	8 Square Feet	8.3 Square Feet	10.35 Square Feet
100 mph	5.7 Square Feet	6 Square Feet	7.25 Square Feet
110 mph	4.3 Square Feet	4.25 Square Feet	4.9 Square Feet
120 mph	3.1 Square Feet	3 Square Feet	3.25 Square Feet



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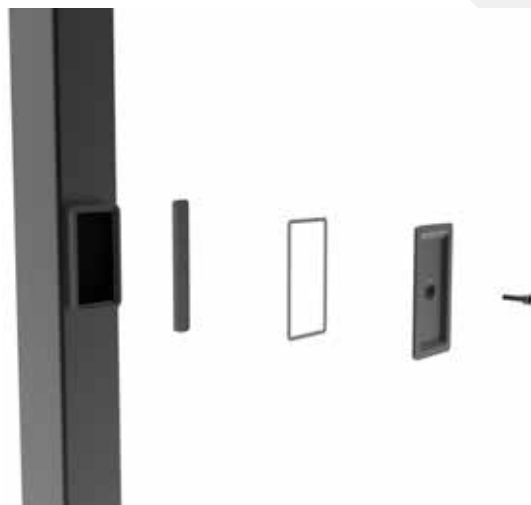
Square Steel Pole

Product Features

Pole Shaft: Commercial quality welded steel tubing of 1 piece construction with a minimum yield strength of 55,000 psi is used to fabricate the pole shaft.



Handhole: 3 X 5 inches tall reinforced handhole is provided at 18 inches from the base. A cover with a single screw to secure the latch mechanism is also provided.



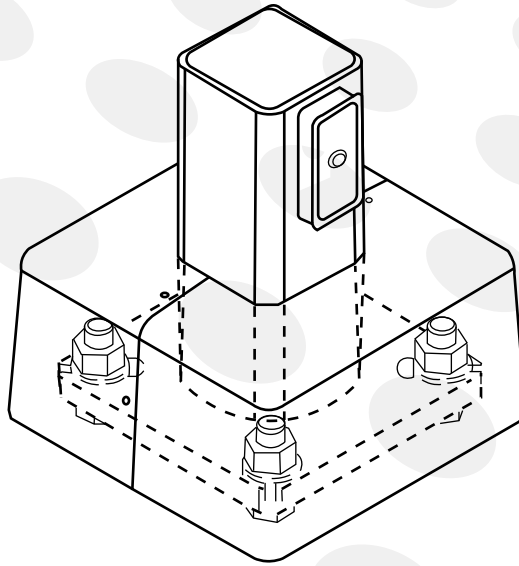
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Square Steel Pole

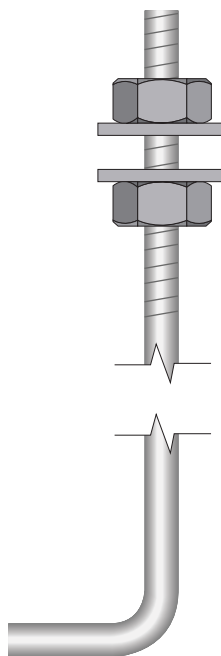


Product Features

Base Cover: A 2 piece metal base cover is provided along with hardware to securely attach the 2 pieces together after pole installation.



Anchor Bolts: A set of 4 galvanized steel anchor bolts is provided with each pole assembly. Each bolt includes 2 nuts and 2 washers. A portion of the anchor bolt is threaded for securing and leveling the pole with the provided nuts and washers. An actual size paper anchor bolt template is included.





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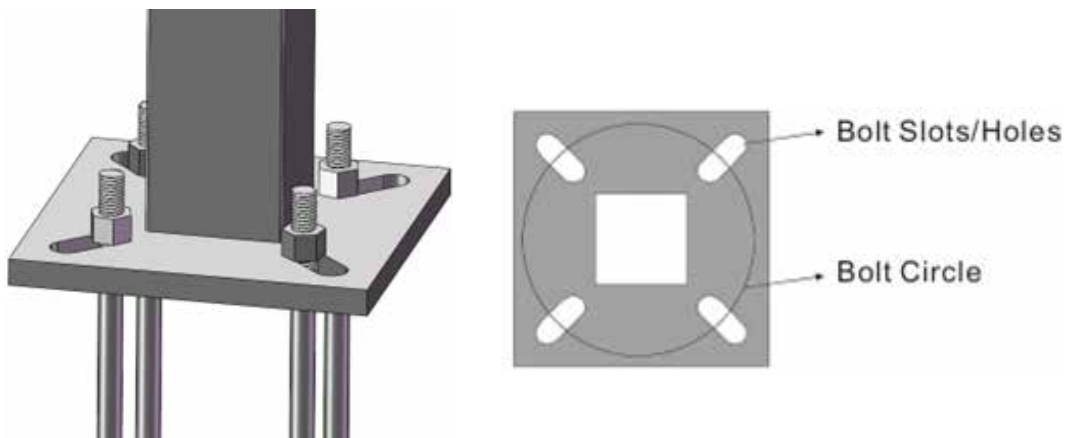
Square Steel Pole

Product Features

Base Cover: A 2-piece ABS plastic base cover is provided. Plastic rivets are included to securely attach the 2 pieces together after pole installation.



J-Type Anchor Bolts: A set of 4 steel J-Type anchor bolts are provided with each pole assembly. Each bolt includes 2 nuts and 2 washers. A portion of the anchor bolt is threaded for securing and levelling the pole with the provided nuts and washers. An actual size paper anchor bolt template is also provided.



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Product Features

Housing: M45 Steel Poles are available in bronze housing with base plate and J-Type Bolt, where all the structural fasteners are galvanized high strength carbon steel and all non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.



Design Criteria: Standard EPA (Effective Projected Area) and weight values are based on Standard Commercial Criteria (with 1.3 gust factor) for side mounted fixtures only. The Beyond LED Technology loading criteria for pole top mounted luminaires and/or brackets, along with pole accessories are provided below. To ensure satisfactory performance of light poles it is necessary that the pole is properly attached to a supporting foundation of suitable design.

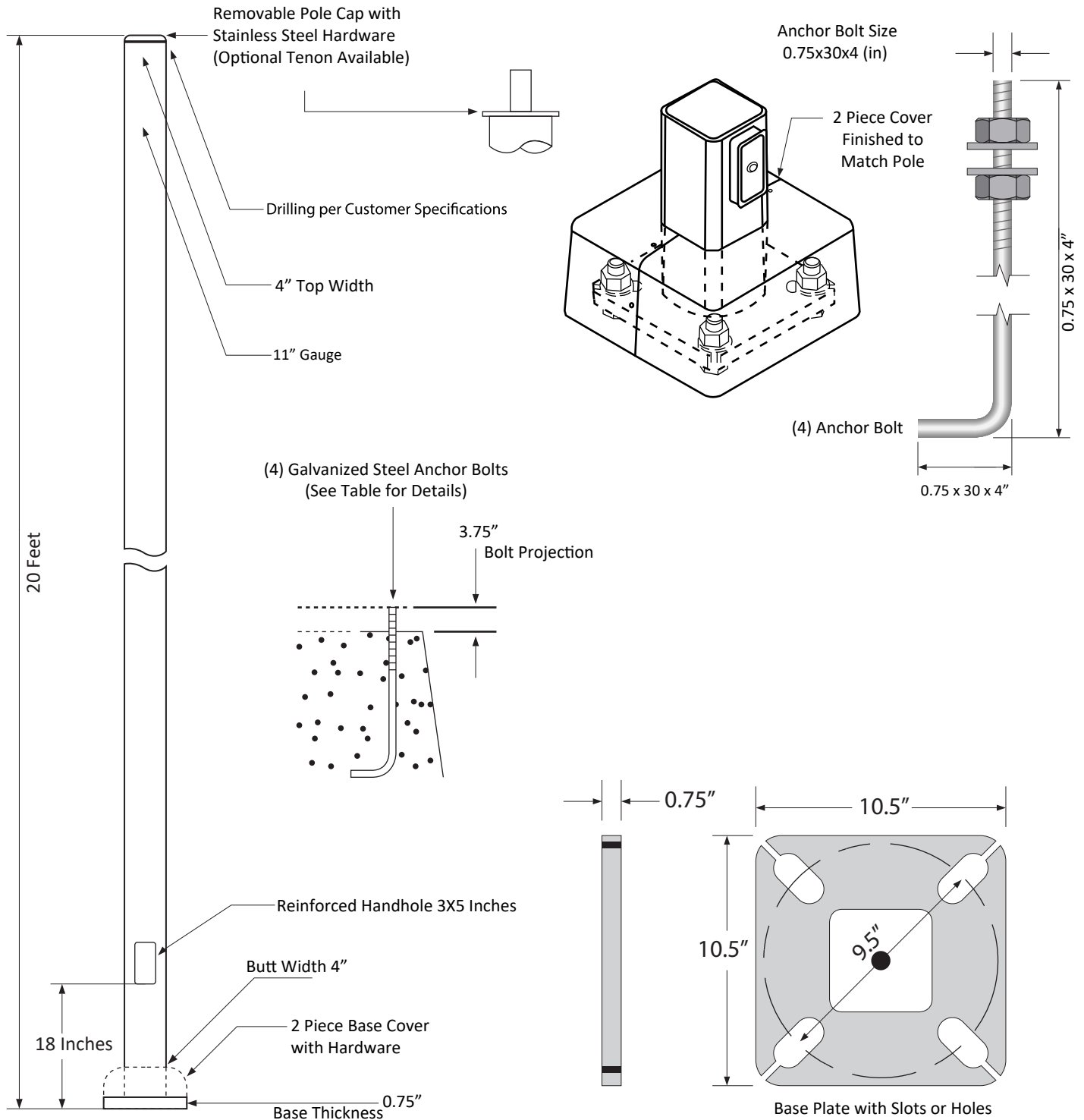


M45™

Square Steel Pole

SKU: 155642

(20 Feet Square Pole)



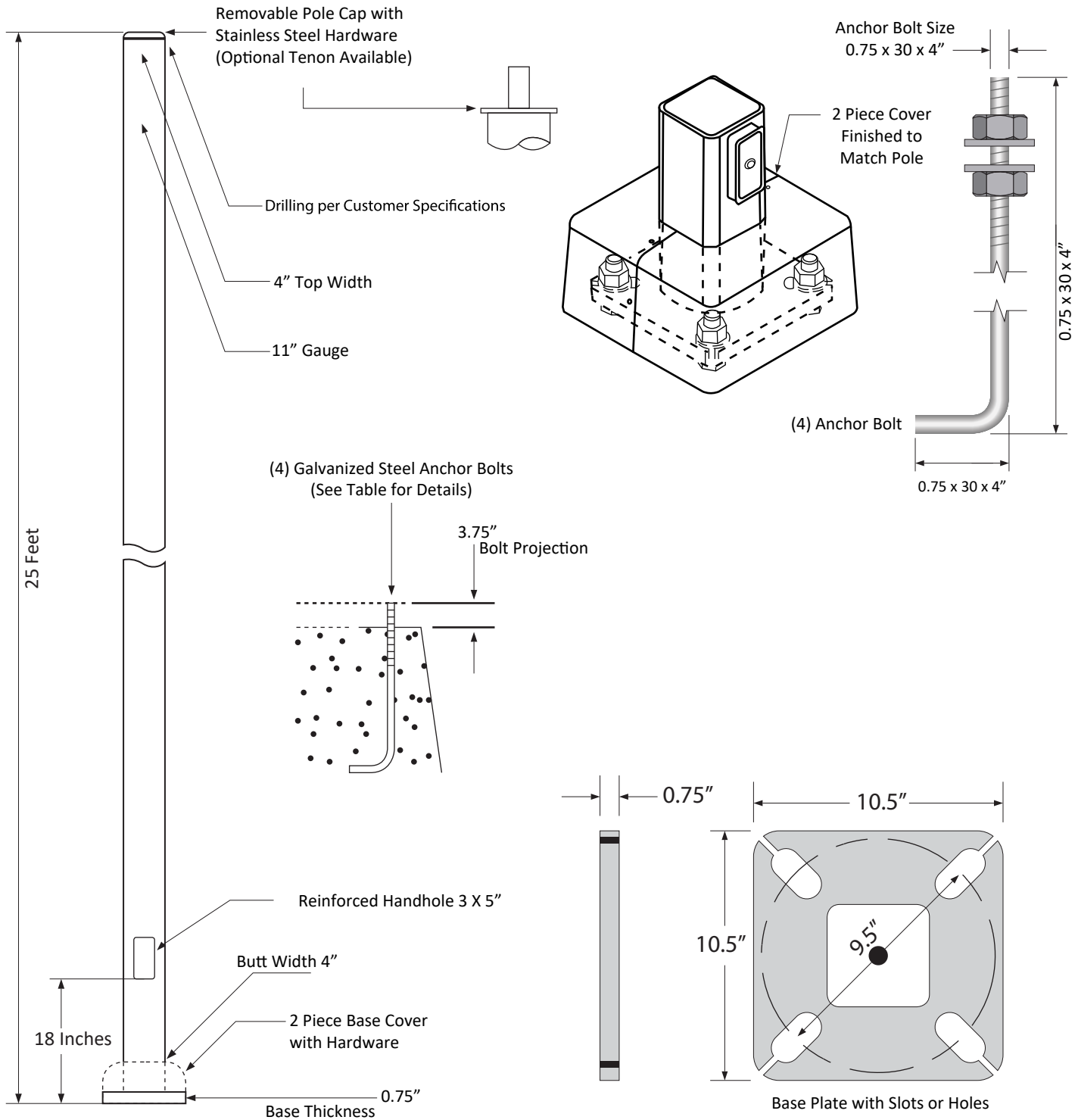
M45™

Square Steel Pole



SKU: 155643

(25 Feet Square Pole)



SQUARE STEEL POLE

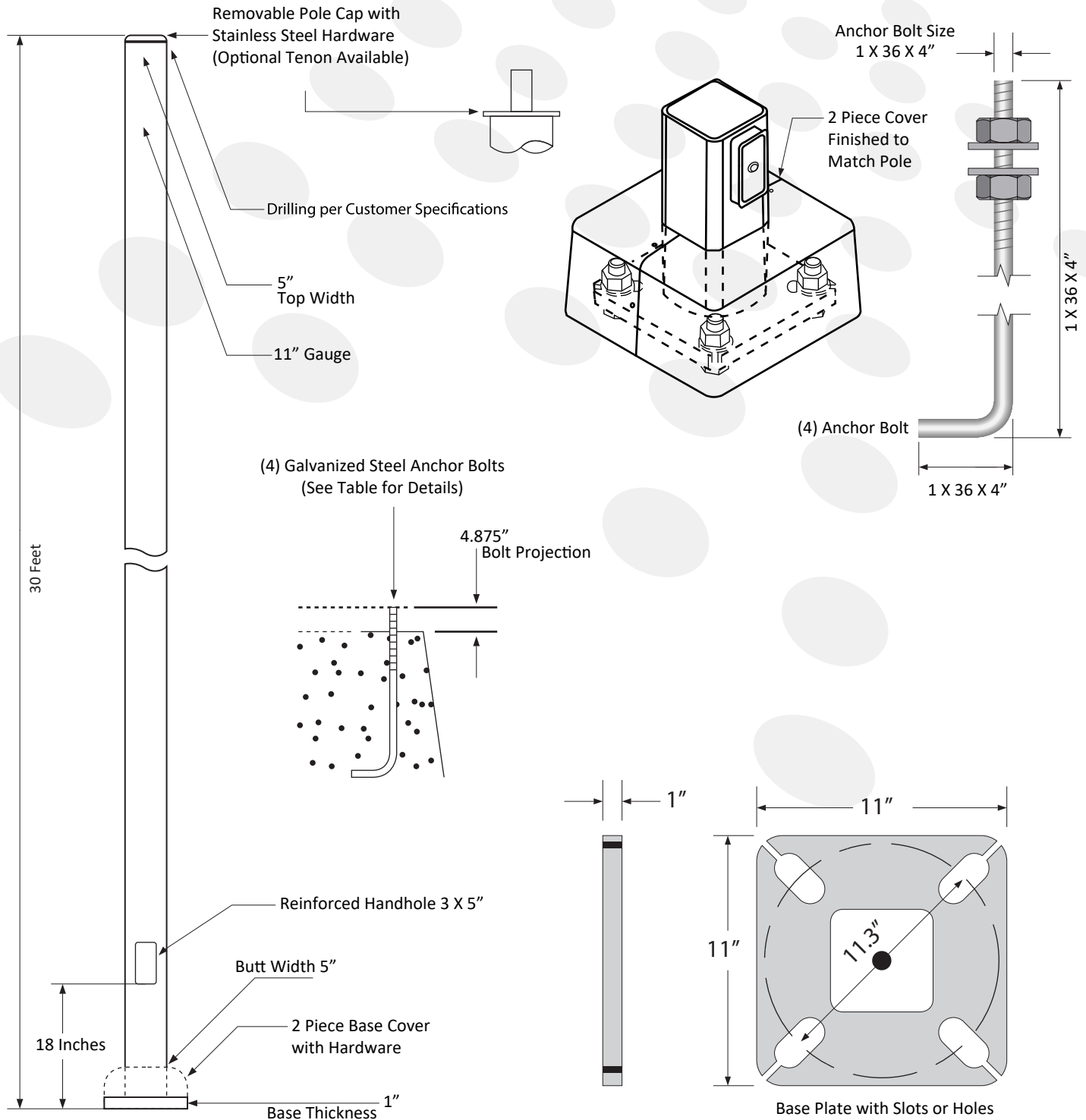


M45™

Square Steel Pole

SKU: 156176

(30 Feet Square Pole)



SQUARE STEEL POLE

M45™

Square Steel Pole



Application



SQUARE STEEL POLE



M45™

Square Steel Pole

Application

