

FIBERGLASS

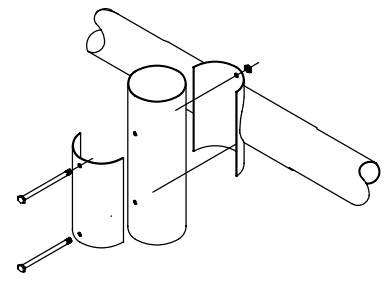
<i>L. Ph. Bolander & Sons</i>		Nautical Flagpoles Since 1885	
1355 Evans Ave. San Francisco, Calif. 94124 800/434-5611 FAX 415/648-0402		Job: Location: Contractor:	
Fiberglass Reinforced Plastic (FRP) manufactured with Woven Roving and Polyester Resin.			
Pole Height: 35'	Pole Finish: White	Butt Dia: 7"	Top Dia: 3.5"
	Taper: Entasis	Ball Dia: 6"	Finish Gold Anodized Cleat: 9"
Truck: Stationary Fiberglass		Halyard Dia: 5/16"	Type: Polyester Qty: 4
Snaps: Swivel eye with Vinyl Covers	Material: Brass	Quantity: 8	
Yard Arm Length 11'	Gaff Length 7"	Collar Dia.: 16"	Material: Fiberglass
Flags:			Qty:
Minimum Footing size	Depth 48"	Top Diameter 36"	Bottom Diameter 36"

BALL Gold Anodized Aluminum

TRUCK Cast Aluminum Revolving, non fouling, with 26 Stainless Steel ball bearings, and two 2 3/8" diameter sheaves

HALYARDS Solid Braid Polyester

Aluminum Yard Arm/Gaff bracket attached to the pole with 1/2" Stainless Steel Bolts.



CLEATS Three Cast Aluminum With Stainless Steel machine screws.

Spun Aluminum Collar

2000 PSI Concrete

3" Non-Shrink Grout

Hardwood Wedges (remove after tamping sand)

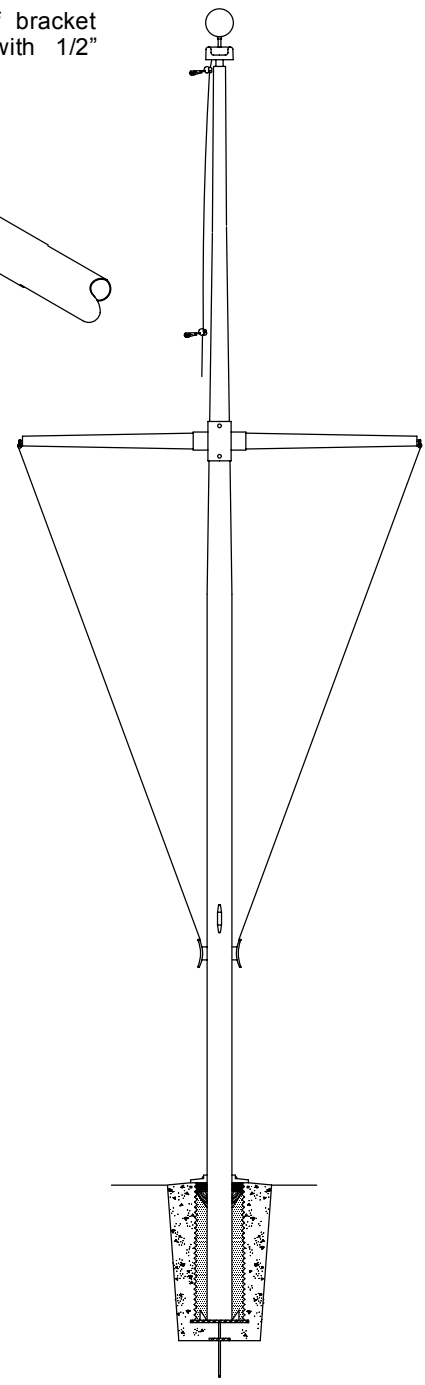
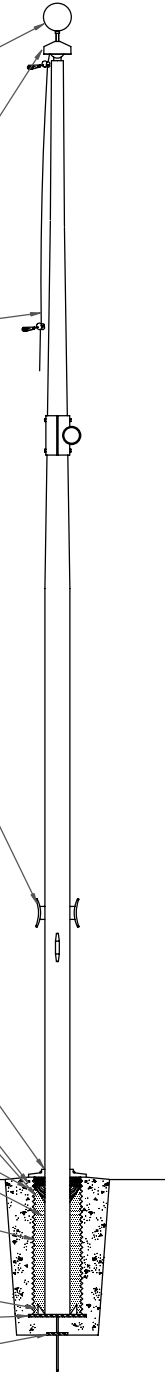
Dry Sand tightly tamped after aligning pole

Ground Sleeve - Hot Dip Galvanized Steel

Steel Centering Wedges

Steel Base Plate

Steel Support Plate welded to Ground Spike



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All New Heat Treated 6063-T6 Seamless Aluminum Tubing Designed to Withstand Winds of 120 MPH Minimum , Un-Flagged			
Pole Height: 30'	Pole Finish: Satin	Butt Dia: .188"	Top Dia: 3.5"
Wall Thickness: .188"	Taper 17'3"	Ball Dia. 6"	Finish Gold Anodized Cleat: 3-9"
Truck: Cast aluminum revolving, with two sheaves	Halyard Dia: 5/16"	Type: Solid Braid Polyester	Qty: 3
Snaps: Swivel eye with Vinyl Covers	Material: Brass	Quantity:	
Yard Arm Length 10'	Gaff Length N.I.C.	Collar Dia.: 15"	Spun Aluminum
Flags:			Qty:
Minimum Footing size	Depth 42"	Top Diameter 36"	Bottom Diameter 30"