

EWING FLAGPOLE CO. INC.

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FOUNDATION NOTE:

Please see below our minimum recommended requirements for flagpole foundations, for the various Architectural and Commercial flagpoles. Please be advised that we can only recommend minimum dimensions, as Ewing Flagpole Co. Inc. is not responsible for the reinforced concrete foundation. Consult a civil or soil engineer regarding local soil conditions, prior to specifying overall foundation dimensions. The minimum concrete foundation dimensions below are for good, firm, dry soil conditions only.

APPROXIMATE MINIMUM FOUNDATION DIMENSIONS

POLE HEIGHT	ARCHITECTURAL SERIES	COMMERCIAL SERIES
16'-0"	16" DIA X 48" DEEP	16" DIA X 48" DEEP
20'-0"	20" DIA X 48" DEEP	18" DIA X 48" DEEP
25'-0"	24" DIA X 48" DEEP	20" DIA X 48" DEEP
30'-0"	24" DIA X 54" DEEP	20" DIA X 54" DEEP
35'-0"	30" DIA X 54" DEEP	24" DIA X 54" DEEP
40'-0"	30" DIA X 60" DEEP	28" DIA X 60" DEEP
45'-0"	34" DIA X 70" DEEP	32" DIA X 70" DEEP
50'-0"	34" DIA X 70" DEEP	32" DIA X 70" DEEP
60'-0"	36" DIA X 74" DEEP	34" DIA X 74" DEEP

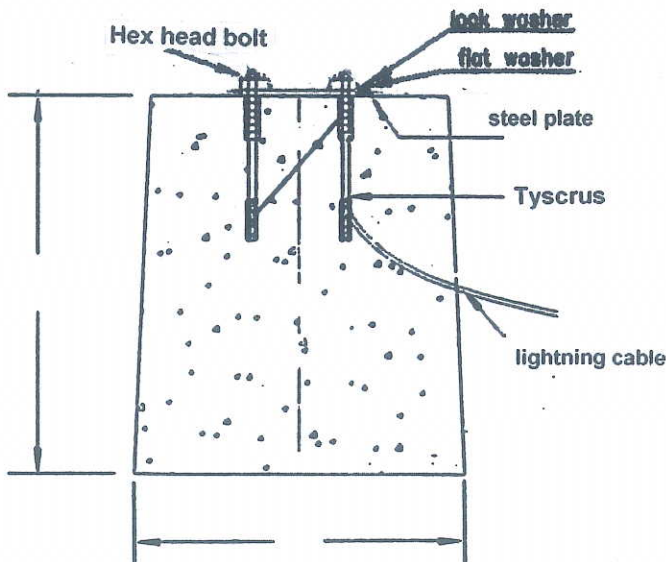
GENERAL INSTALLATION INSTRUCTIONS

TILT ANCHOR CAGE BASE

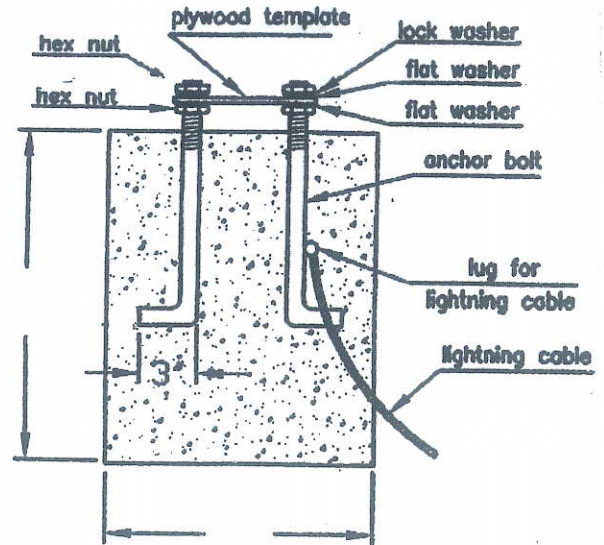
Dig foundation to specified width and depth and insert the sono-tube. Put a few inches of gravel into the hole and tamp down footing. Fill the hole with minimum 3000psi concrete to required base height and tamp to remove air pockets. Insert anchor cage assembly up to the underside of steel plate ensuring that the bolts are threaded into the cage before installing in the concrete. Anchor cage assembly should be level and at the correct tilting position. Smooth and slope the concrete surface slightly towards the outside edge of the concrete foundation for water drainage.

FIXED ANCHOR BOLT BASE

Dig foundation to specified width and depth and insert the sono-tube. Put a few inches of gravel into the hole and tamp down footing. Assemble the anchor bolt base. Fill the hole with minimum 3000psi concrete to required base height and tamp to remove air pockets. Insert the base into the concrete, making sure the base is level and a minimum of 3" of the anchor bolts are exposed above the foundation. Smooth and slope the concrete surface slightly towards the outside edge of the concrete foundation for water drainage.



ANCHOR CAGE BASE



ANCHOR STUD BASE