Fabrication Details - All Metal Poles

Terminal Compartment Detail

Note: Unless otherwise specified, locate Terminal Compartment 1 foot above the pole base plate at 180 degrees on the pole's radial index.

Typical Base Plate Detail

Anchor Bolt Detail

Typical Fabrication Details For All Metal Poles

Identification Tag Details

Anchor Bolt  Detail

Note: Base plate may be circular, octagonal, square or rectangular in shape.

Base Plate Size as required by Design.

Bolt Circle Dia. (B.C.)

Min. thread at top of bolt = 10" for 2" diameter bolt.

Galvanize a minimum of 2" below threads from top of bolt.

Min. thread at bottom of bolt = 8" Galvanizing not required at bottom of bolt.

Provide 4 heavy hex nuts and 4 flat washers per anchor bolt.

NCDOT POLE NO.

NCDOT SIG. INV. NO.

SECTION D/T/L/Y

ARM-A D/T/L/Y

ARM-B D/T/L/Y

SHAFT D/T/L/Y

NCGOT SIG. INV. NO.

NCGOT POLE NO.

shaft I.D. Tag

(Provide on Shaft of Strain Poles and Mast Arm Poles Shaft)

Notes:
1) D = Diameter, T = Thickness, L = Length, Y = Yield Strength
2) A.B. = Anchor Bolt
3) B.C. = Bolt Circle of Anchor Bolts
4) If Custom Design, use "NCDOT STANDARD" line for Signal Inv. Number and pole I.D. number
5) See drawing WS and WA for positioning points of I.O. tags.