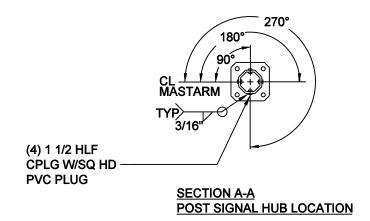
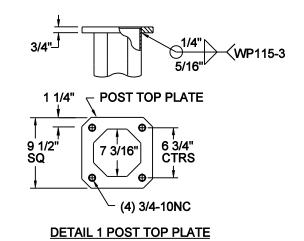


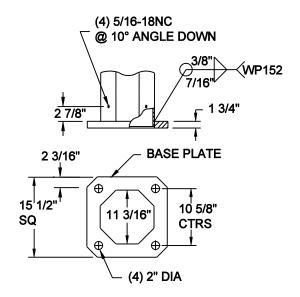
DETAIL 2 POST MASTARM MTG PLATE



NOTE:

- 1. MATERIAL HIGH STRENGTH LOW ALLOY STEEL 50,000 PSI MIN YIELD PER ASTM A572 OR A1011. BSAE AND MOUNTING PLATES PER ASTM A36.
- 2. FINISH PRIME PAINT EPOXY RED OXIDE AND FINISH PAINT EXTERIOR WITH URETHANE UPS (MPLS) BROWN
- 3. POST TO BE OCTAGONAL TAPERED TUBE FABRICATED WITH ONE SUBMERGED ARC LONGITUDINAL SEAM WELD WITH 100% PENETRATION 6" FROM BASE PLATE AND 60% FOR REMAINDER. GAS METAL ARC WELDING PROCESS TO BE USED FOR REMAINDER OF WELDED FABRICATION.
- 4. HEX HEAD BOLTS AND NUTS (UNLESS SPECIFIED) ASTM A325 GALV A153 FOR SIZES 1/2 THRU 1 1/2 DIA AND ASTM A354BC GALV A153 FOR SIZES OVER 1 1/2 DIA.
- 5. THE SIGNAL POST AND THE FOLLOWING PARTS WILL BE SHIPPED UNASSEMBLED: (4) 5/16-18NC X 2 1/2 LG HX SCKT FL HD CAP SCREW (18-8 SS)
- (4) CAST STEEL NUT COVER
- (1) POLE TOP COVER PLATE





DETAIL 3 POST BASE PLATE

NO SCALE



MINNEAPOLIS
DEPARTMENT OF PUBLIC WORKS

DRAWN: LPK

DATE: 2/24/11

APPROVED: DWH

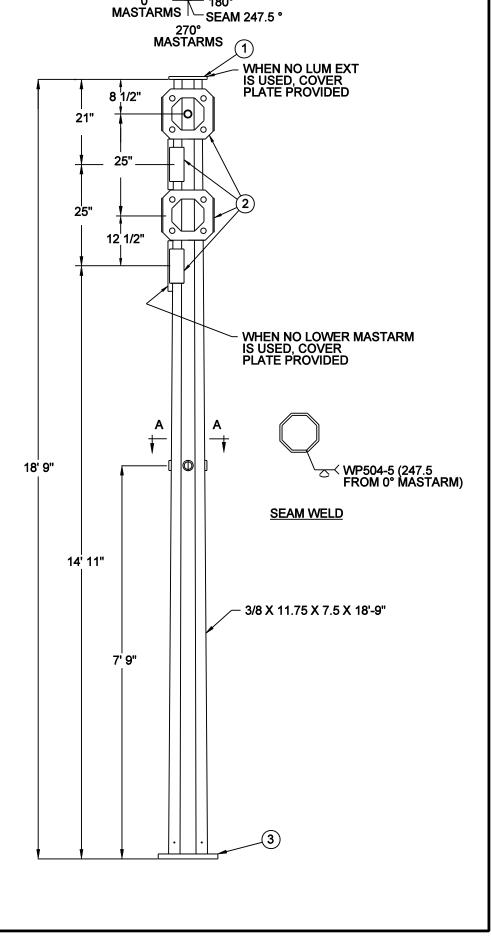
DATE: 2/24/11

POLE - SIGNAL

MASTARM TWIN TYPE "B"

REFERENCE PLATE: TRAF-1074, TRAF-1170

STANDARD PLATE NO. TRAF-1238



SHEET 2 OF 2