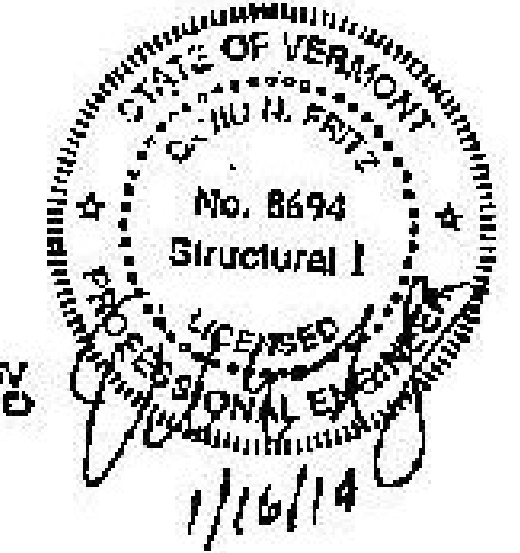
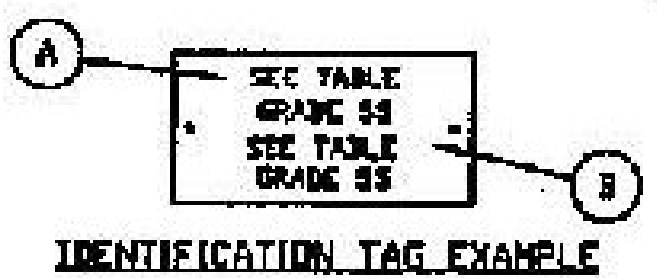


- NOTE:**
- MATERIAL-HIGH STRENGTH LOW ALLOY STEEL 55,000 PSI MIN YIELD PER ASTM A572. POST AND MAST ARM MOUNTING BASE MATERIAL PER ASTM A36.
  - FINISH-ROT DIP GALVANIZED PER ASTM A153 WITH TOP COAT PAINTED MILLERBRND FLAT BLACK MILLERBRND PRT-1-17-FTU-093-FR.
  - POST TO BE ROUND TAPERED TUBE FABRICATED WITH ONE SUBMERGED ARC LONGITUDINAL SEAM WELD WITH 100% PENETRATION & FCRM BASE PLATE AND 50% FOR REMAINDER. GAS METAL ARC WELDING PROCESS TO BE USED FOR REMAINDER OF WELDED FABRICATION WITH 100% PENETRATION WELD FOR BASE PLATE TO SHAFT CIRCUMFERENTIAL WELD.
  - WELD TESTING-100% PENETRATION WELDS ULTRASONIC TESTED (UT) USING THE CYCLICALLY LOADED ACCEPTANCE/REJECTION CRITERIA TABLE 6.3 OF AWS D11 SPECIFICATION. 100% OF THE POST/MAST ARM CONNECTION WELDS MAGNETIC PARTICLE TESTED (MT) AND A RANDOM 30% OF REMAINING FILLET WELDS & PARTICLE PENETRATION LONGITUDINAL SEAM WELDS MAGNETIC PARTICLE TESTED (MT).
  - HX HD BOLTS & NUTS (UNLESS SPECIFIED) ASTM A325 GALV A153 FOR SIZES 1/4 TO 1 1/2 DIA & ASTM A354RC GV A153 FOR SIZES OVER 1 1/2 DIA.
  - THE POST AND THE FOLLOWING ITEMS WILL BE SHIPPED UNASSEMBLED:
    - (1) 500845 HIG HH COVER
    - (1) 500844-2 HIG HH LATCH
    - (1) 5/16-18NC X 2 1/2 LG HX SCKT FL HD SCREW (18-8 SS)
    - (1) 590811-4 STEEL CAP
    - (1) 1/4-20NC X 3 LG SLOTTD RD HD MACHINE SCREW (18-8 SS)
    - (1) 1/4 FLAT WASHER (18-8 SS)
    - (1) 500843-1 HIG HH COVER
    - (1) 500843-2 HIG HH LATCH
    - (1) 5/16-18NC X 2 LG HX SCKT FL HD SCREW (18-8 SS)



PART NO	QTY	DESCRIPTION	'A' POST TAG INFORMATION	'B' MAST ARM TAG INFORMATION
780B1300	1	SIGNAL POST	3/16X14.0X28'-6" POST GRADE SS	7/16 X 11.8 X 1.8 X 308 GRADE SS

PO#3250-2139 / VT DOT: STP-02#(17) RICHMOND / US ROUTE 2, VT ROUTE 117  
 US ROUTE 2,  
 OFF-RAMP (RAMP D)  
 MILLERBRND #51660

DRWN: DOUG F.  
 DATE: 10-30-13  
 CHK: REBEKAH

SCALE: NTS

MILLERBRND  
 882 6TH ST. SO.  
 WINSTED, NH 05355

780B1300

**APPROVED**  
 By Derek Lyman at 8:55 am, Feb 11, 2014