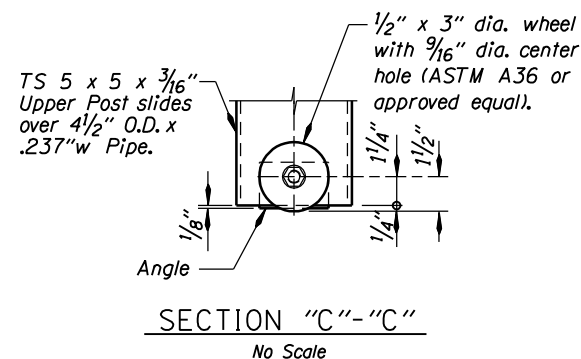
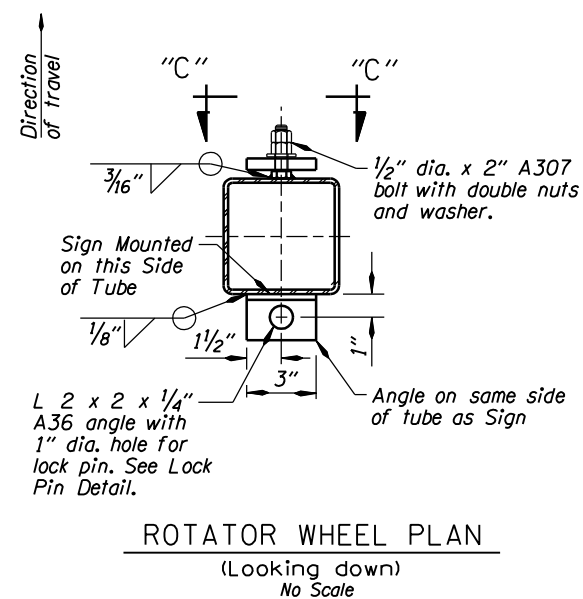
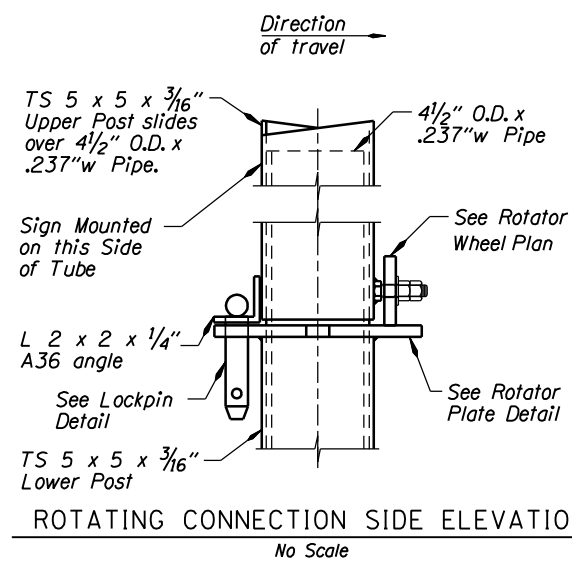
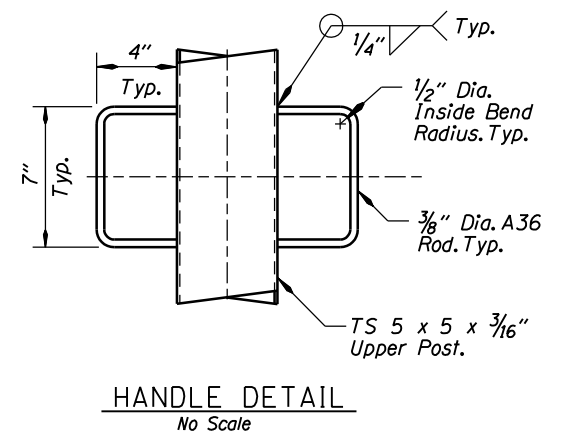
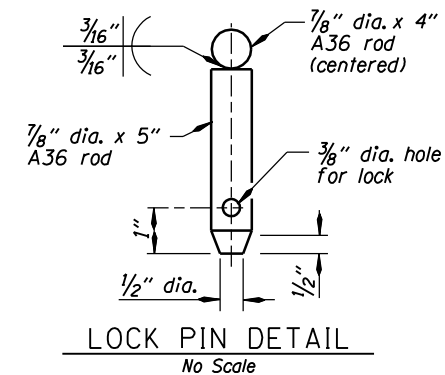
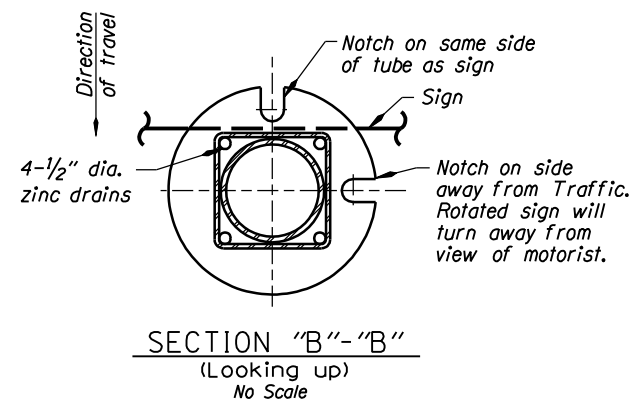
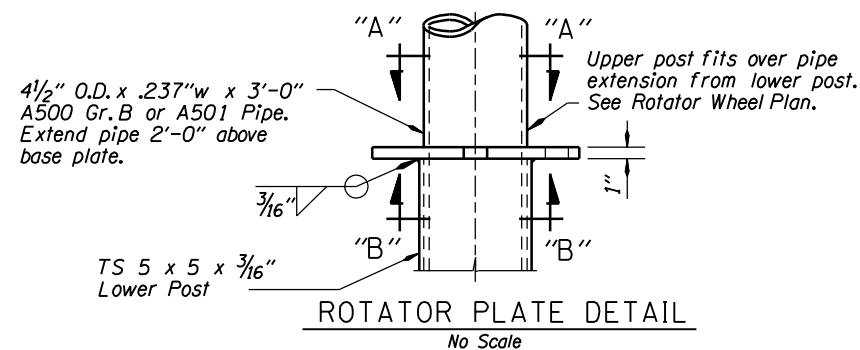
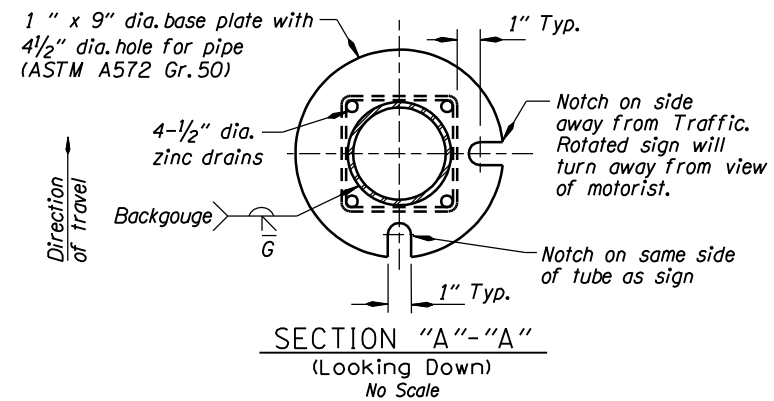
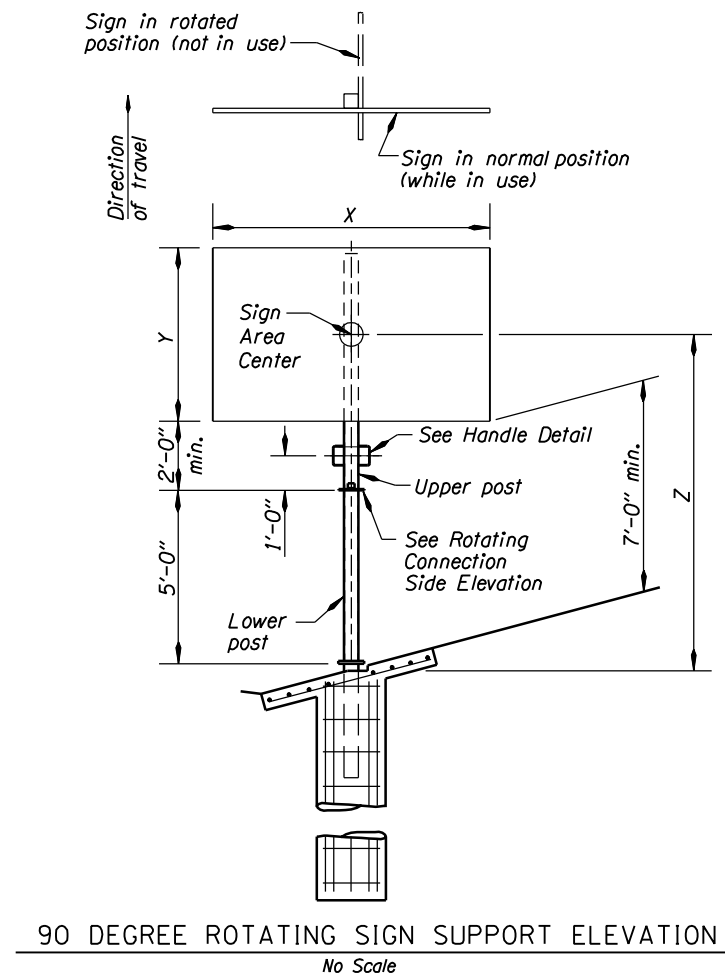




GENERAL NOTES:

1. The 90 degree rotational sign support is designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals 1994. Use a wind velocity with a 10-year mean recurrence interval.
2. The 90 Degree Rotational Sign support is designed for a 90 mph wind and a maximum $X*Y*Z$ value of 373 ft^3 with a sign centered a minimum of 11.5 feet and a maximum of 16.5 feet above the top of the center of the foundation. The $X*Y*Z$ for an 80 mph wind speed is 447 ft^3 and the $X*Y*Z$ for a 70 mph wind speed is 522 ft^3 with a sign centered a minimum of 11.5 feet and a maximum of 16.5 feet above the top of the center of the foundation.
3. The sign width to sign height or sign height to sign width ratio shall not exceed 2.0.
4. See TM602 for details not shown and Base Plate Bolting Procedure.
5. See Dwg. TM675 for sign and sign mounting details.
6. Reference CALC book number 6481.

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION
TECHNICAL SERVICES
DETAILS

90 DEGREE ROTATIONAL SIGN SUPPORT

DETAIL NO.

DETAIL 4600