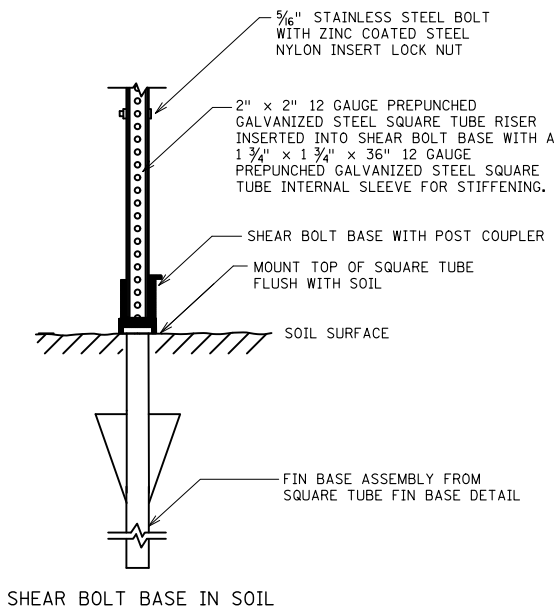


PLOTTED/REVISED: 20-APR-2021

PLOT NAME: SHEAR BOLT BASE IN SOIL DETAIL
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\DETAIL Versions of Std Plans\SHEAR BOLT BASE IN SOIL DETAIL.dgn



NOTES:

1. THE CRASH RESPONSE TYPE FOR THIS STRUCTURE IS BREAKAWAY.
2. TO MEET CRASHWORTHY REQUIREMENTS THE DISTANCE BETWEEN THE BOTTOM OF THE SIGN PANEL AND THE GROUND SURFACE BELOW ANY PORTION OF THE PRIMARY SIGN PANEL MUST BE A MINIMUM OF 7 FEET. SEE TABULATIONS FOR MOUNTING HEIGHT.
3. FOR SHEAR BOLT BASE USE APPROVED PRODUCT FROM MnDOT APPROVED PRODUCTS LIST, PRODUCT MUST BE MODIFIED AS SHOWN.
4. USE ANTI SEIZE ON THE SHEAR BOLT CONNECTIONS.
5. FOR SIGN PANEL MOUNTING DETAILS SEE SQUARE TUBE SIGN MOUNTING DETAILS.
6. SQUARE TUBE SIGN POSTS PER MnDOT SPEC. 3402.

SHEAR BOLT BASE
FOR 2 INCH SQUARE TUBE IN SOIL

DRAWN BY:

CHECKED BY:

CERTIFIED BY

LICENSED PROFESSIONAL ENGINEER

LIC. NO.

DATE

4/20/2021

STATE PROJ. NO.

(T.H.)

SHEET NO. OF

SHEETS