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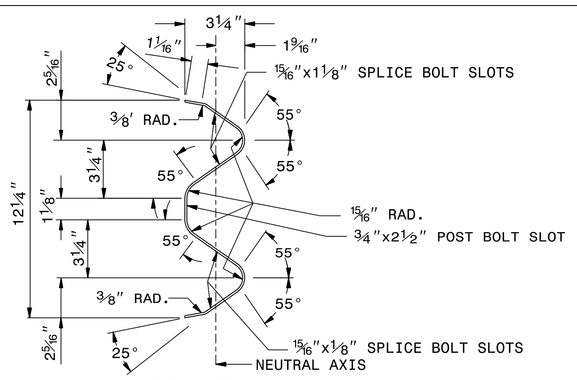
jhowerton AT CSD-242595

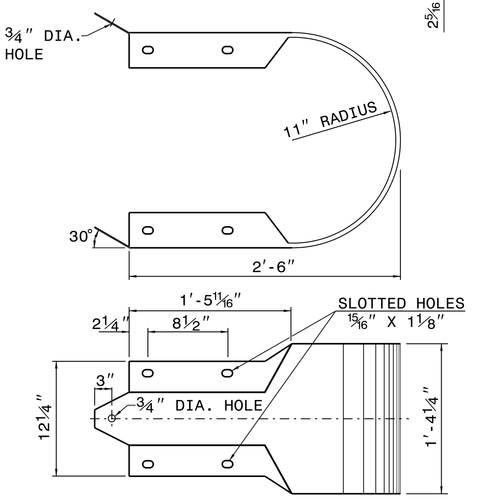
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 8 OF 8
862D02



SECTION X-X



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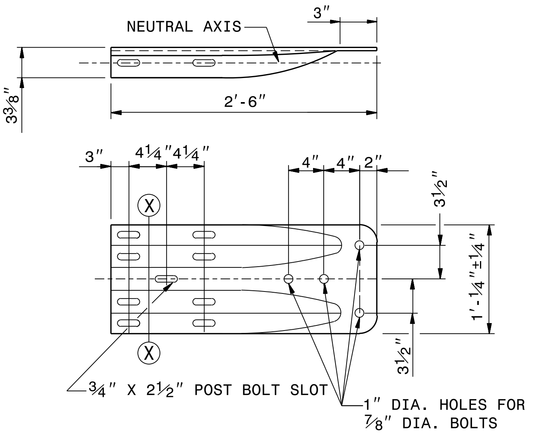


TYPICAL END SHOE

SYSTEM PARTS - GENERAL USE

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

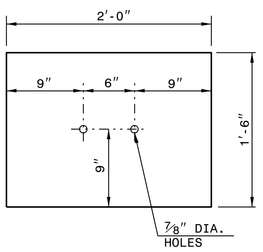
ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 8 OF 8
862D02

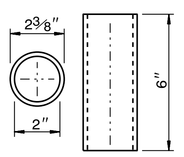
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

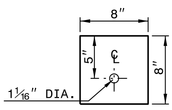
SHEET 7 OF 8
862D02



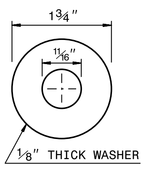
SOIL PLATE
¼" THICK PLATE



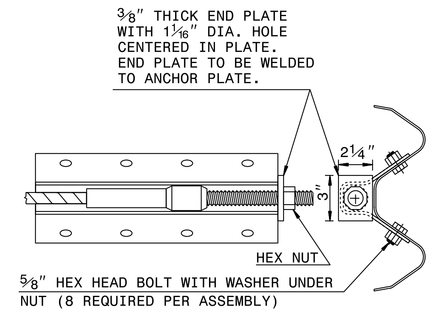
BREAKAWAY TERMINAL POST SLEEVE



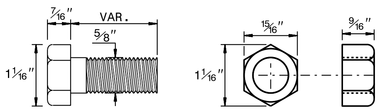
BEARING PLATE
⅝" THICK PLATE



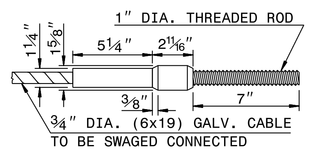
DETAIL OF STANDARD WASHER
STANDARD WASHER: TYPICAL USE UNDER NUT WITH WOOD POST



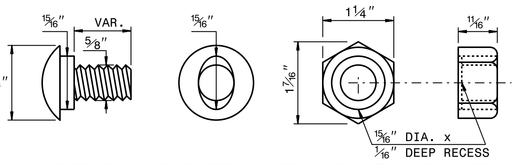
ANCHOR PLATE ASSEMBLY



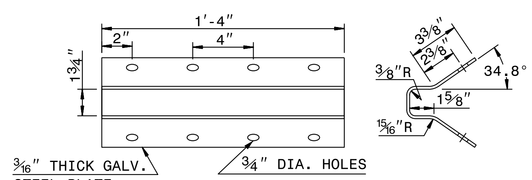
DETAIL OF STANDARD HEX BOLT AND NUT



SWAGED CABLE



DETAIL OF BUTTON HEAD BOLT AND NUT



ANCHOR PLATE

CABLE ASSEMBLY

SYSTEM PARTS

SHEET 7 OF 8
862D02

SEE TITLE BLOCK

ORIGINAL BY: J HOWERTON DATE: 06-22-12
MODIFIED BY: DATE:
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FILE SPEC.:

CONTRACT STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022966 JAMES S. HOWERTON
7/25/2017

PROJECT REFERENCE NO. B-4978
SHEET NO. 20-10