¾" Ø TOP

CABLE

¾" Ø BOTTOM

CABLE

5/8" Ø x 8" LONG—

EYE-BOLT

CABLE PASSES

THROUGH SLOT

IN RAIL

GROUND LINE

SHORT

ANCHOR

BRACKET

LOWER CABLE

ANCHOR

12'-6" CABLE AND GUARDRAIL ANCHORS ¾" Ø TOP CABLE **GROUND STRUT** LOWER CABLE SEE DETAIL ANCHOR ¾" Ø BOTTOM **CABLE** 0 0 0 12" BLOCK-OUT %" Ø x 8" LONG **ANCHOR EYE-BOLT BRACKET**

12'-6" CABLE AND GUARDRAIL ANCHORS

WOOD

TERMINAL

POST

6"x 8"x 1/8" x 72"

STEEL FOUNDATION TUBE

(SEE DETAIL BELOW)

TREATED TIMBER POST

5 ½" x 7 ½" (6" x 8" NOMINAL)

x 46" WOOD POST

ANCHOR BRACKET

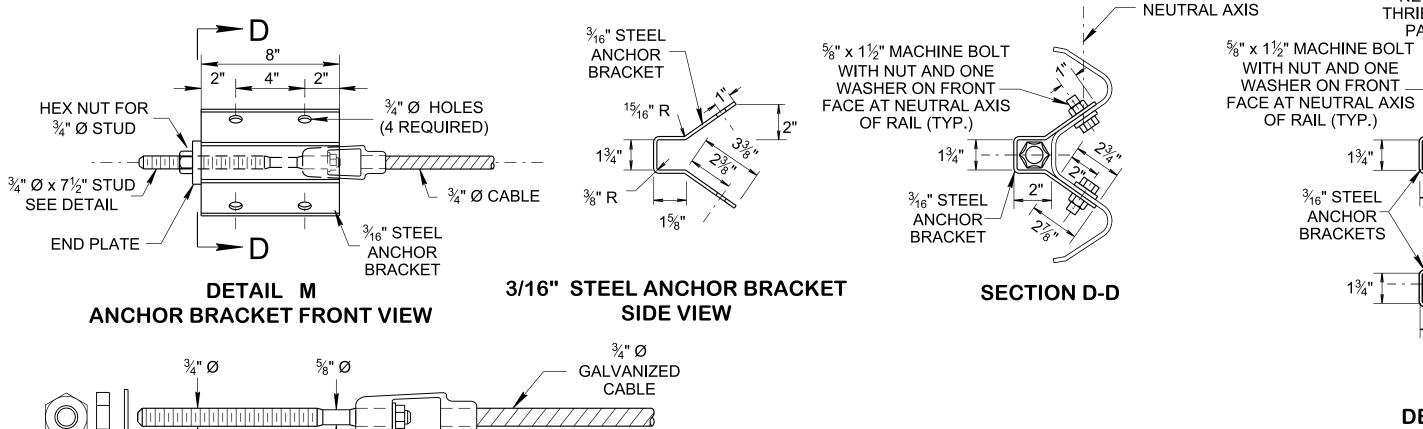
(SEE S-GRA-3

FOR DETAILS)

GROUND STRUT

SEE DETAIL

PLAN VIEW FOR CABLE AND GUARDRAIL ANCHORS



DETAIL G 2 - 3/16" STEEL ANCHOR **BRACKETS ON THRIE BEAM** (SEE STD. DWG. S-GRS-7)

NESTED

THRIE-BEAM -

PANEL

3/16" STEEL

ANCHOR-

BRACKETS

5¼" x 7¼"

(6"x8" (NOMINAL) x 46" LONG

TREATED

TIMBER POST

8" x 8" x %"

BEARING PLATE,

TWO 16d NAILS TO

PREVENT ROTATION

HEX NUT AND

WASHER FOR

¾" Ø STUD

GROUND LINE

8" x 6" x 1/8" x 72"

FOUNDATION

TUBE

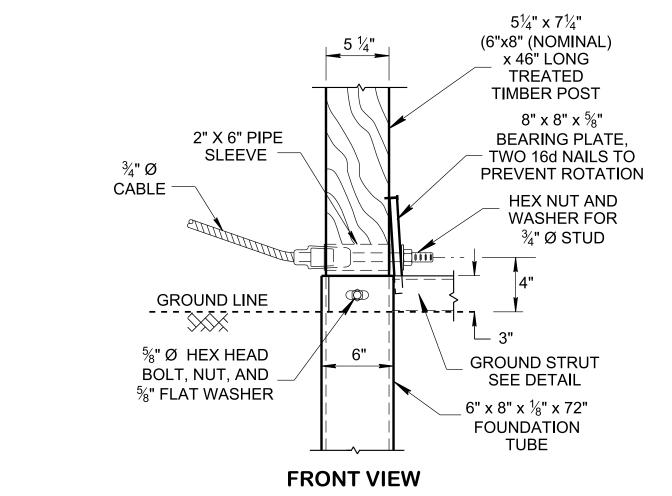
FIELD APPLIED FITTINGS AND STUD

7½" STUD

GROUND STRUT

3" x 3" x 1/4" ANGLE, GRADE A36

ANCHOR BRACKET ASSEMBLY DETAILS



SIDE VIEW **DETAIL P**

TOP OF

FOUNDATION TUBE

GROUND STRUT

3" x 3" X ¼" ANGLE

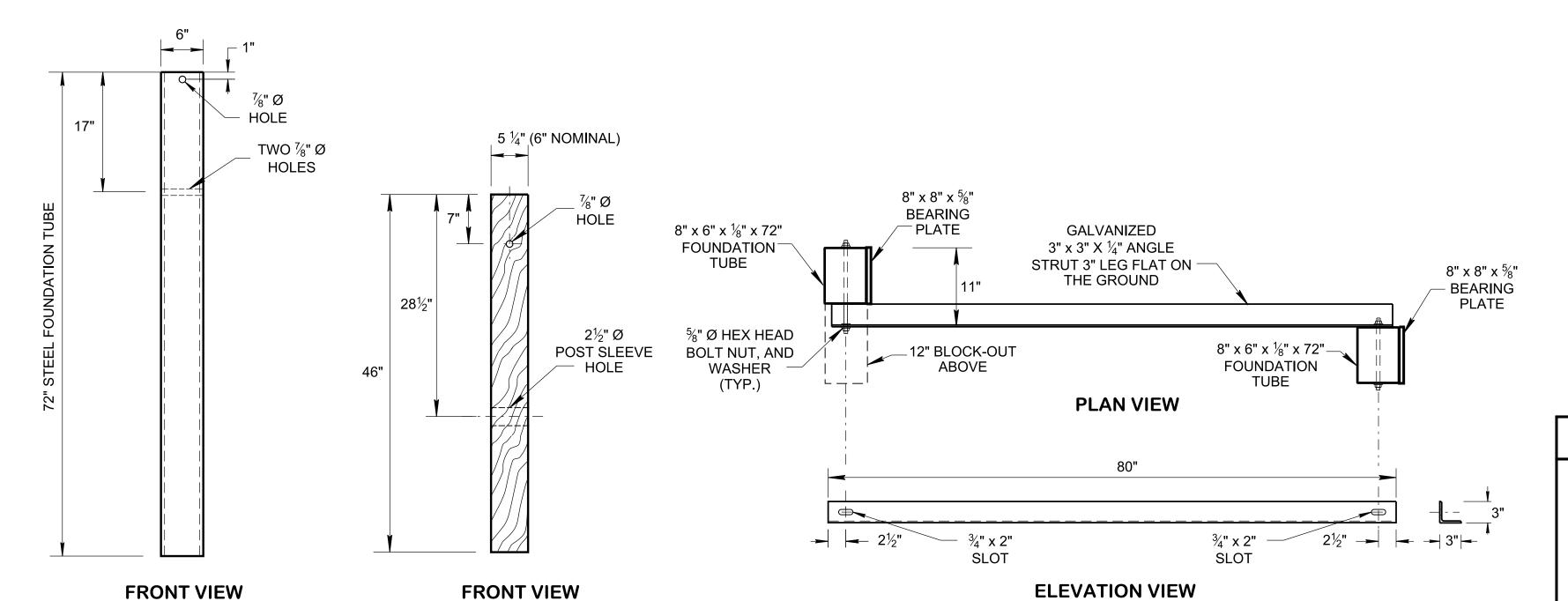
3" LEG FLAT ON

THE GROUND

(SEE DETAIL)

BEARING PLATE ASSEMBLY

ELEVATION VIEW FOR CABLE AND GUARDRAIL ANCHORS



WOOD

TERMINAL

NOTE: SIDE ROAD SHOULD HAVE

TANGENTIAL GUARDRAIL END TERMINAL TYPES 21 OR 38

POST

GENERAL NOTES

- REFER TO STANDARD DRAWINGS S-GRS-7 FOR SRGS CONNECTION TO BRIDGE END, AND S-GRS-7B FOR SRGS EYE-BOLT SPACING DETAILS.
- REFER TO STANDARD DRAWINGS S-GR31 SERIES FOR POSTS, RAIL, AND HARDWARE STANDARDS FOR CONSTRUCTION.
- REFER TO STANDARD DRAWING S-GRA-3 FOR TYPE 13 GUARDRAIL ANCHOR DETAILS.
- PAYMENT FOR FURNISHING AND INSTALLING CABLE AND GUARDRAIL ANCHORS, ANCHOR PLATE ASSEMBLIES, HARDWARE INCLUDING THREADED RODS, BOLTS, NUTS WASHERS AND ALL PLATES SHALL BE PAID UNDER SHORT- RADIUS GUARDRAIL SYSTEM ITEM NUMBER. SEE STANDARD DRAWING S-GRS-7 FOR ITEM NUMBERS.

STATE OF TENNESSEE STANDARD DRAWING **DEPARTMENT OF TRANSPORTATION**

REV. 01-09-2024: REVISED ANCHOR

BRACKET ASSEMBLY DETAILS, CABLE & GR

ANCHOR DETAILS AND DETAIL P. ADDED

STEEL FOUNDATION TUBE AND TIMBER

POST DRAWINGS, AND GROUND STRUT

DETAILS. MOVED DETAILS N AND Q TO

SHORT- RADIUS GR SYSTEM (SRGS) **ANCHOR DETAILS**

09-04-2022

S-GRS-7A

NOT TO SCALE

STEEL FOUNDATION TUBE

6"x 8"x 1/8" x 72" STEEL TUBE