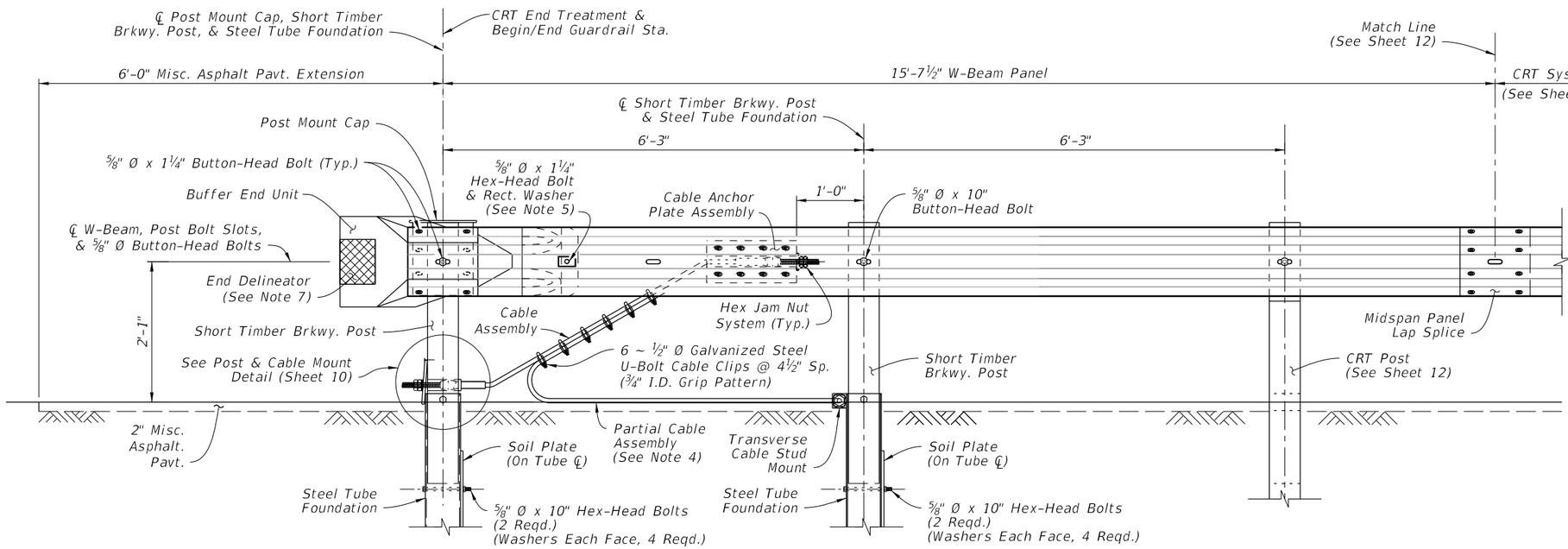
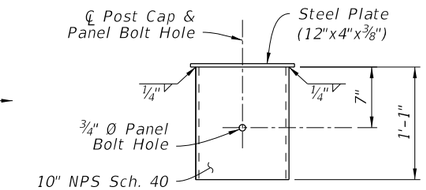


INSTALLED ELEVATION



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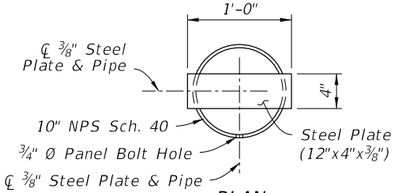
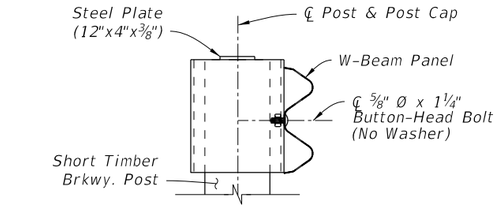
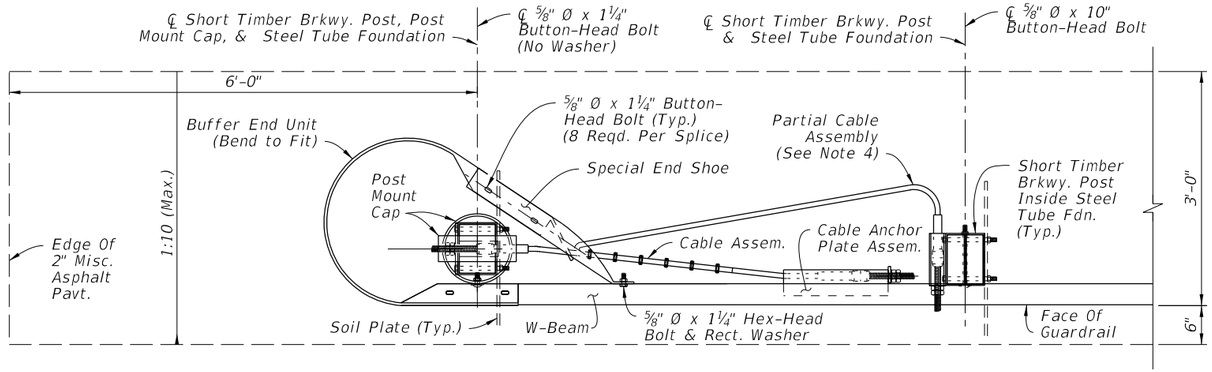


PLAN

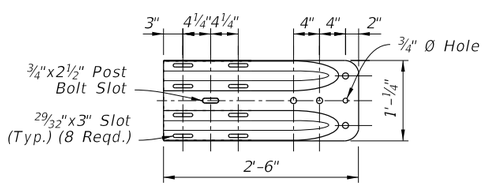


INSTALLED SECTION

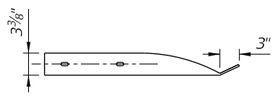
POST MOUNT CAP



INSTALLED PLAN

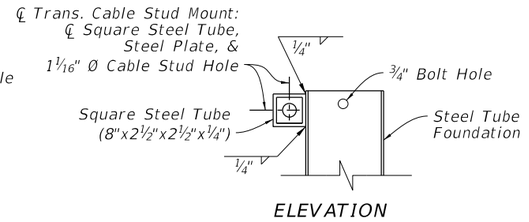


ELEVATION

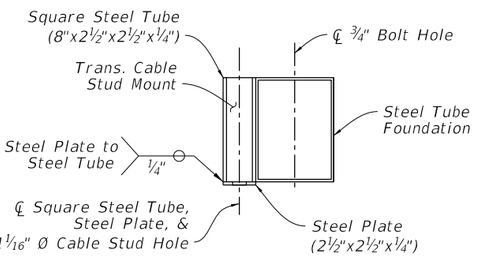


PLAN

SPECIAL END SHOE



ELEVATION



PLAN

CRT END TREATMENT ASSEMBLY

NOTES:

1. INSTALLATION: Use with CRT Systems as required on Sheet 12.
2. COMPONENT DETAILS: For additional component details, See Sheet 10 & 12. For the Rectangular Washer detail, see Sheet 24.
3. MATERIALS: Use steel End Shoes, Plates, Tubes, and pipes in accordance with Specification 967.
4. PARTIAL CABLE ASSEMBLY: The Partial Cable Assembly is similar to the Cable Assembly defined on Sheet 10, except with a 9'-0" total length and the Swage Fitting and Cable Stud omitted from one end.

   Feed the Cable Stud through the Cable Stud Hole of the Transverse Cable Stud Mount as shown, and secure it with the Hex Jam Nut System as defined on Sheet 10.
5. SPECIAL END SHOE MOUNT: Punch a ¾" Ø hole in the W-Beam Panel as needed to secure the Special End Shoe with the ⅝" Ø Hex-Head Bolt. Galvanize hole per Specification 562.
6. FOUNDATIONS: Install Steel Tubes with attached Soil

   a. Excavate, backfill, and compact material to provid surfaces of the tube and soil plate.

   b. Drive the steel tube and soil plate as a single un damage to the breakaway post.
7. END DELINEATOR: Mount retroreflective sheeting to in accordance with Specifications 536 and 967.

"CRT" - Used to end guardrail radius - 90 degree turn
Note: Post Mount Cap, Unique Cable Assembly to Posts 1 and 2,
Buffer End Unit (But no curved end layout like MELT)

END TREATMENT - CONTROLLED RELEASE TERMINAL (CRT) SYSTEM

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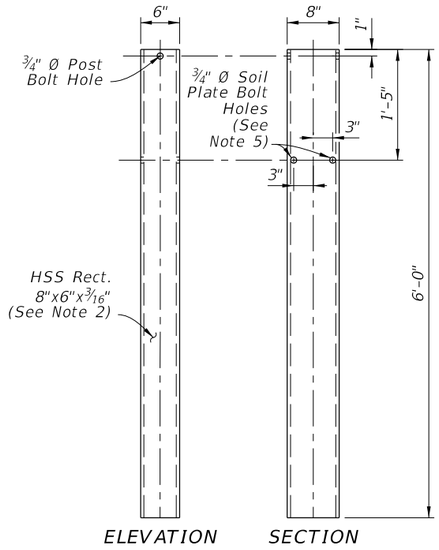
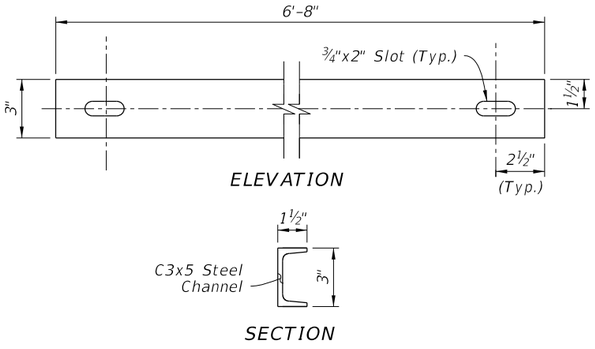


ELEVATION SECTION

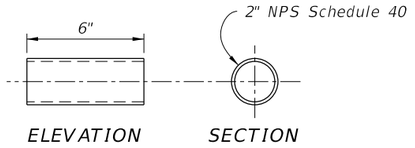
STEEL TUBE FOUNDATION



ELEVATION

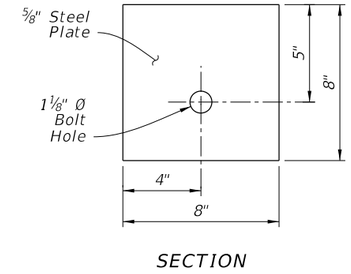
SECTION

GROUND STRUT



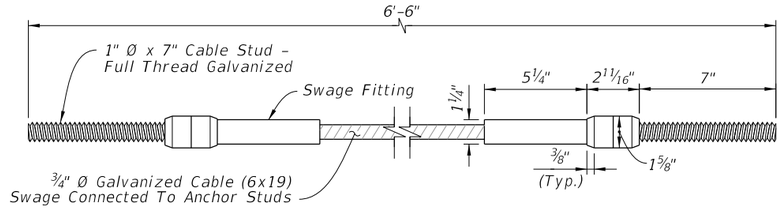
ELEVATION SECTION

BREAKAWAY TERMINAL POST SLEEVE

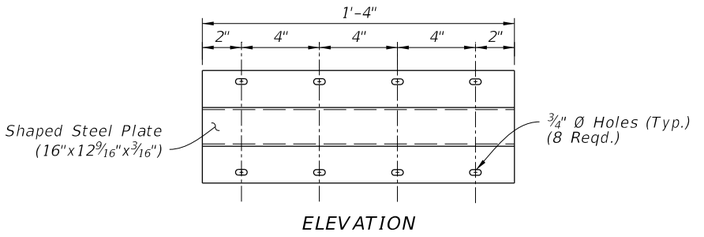


SECTION

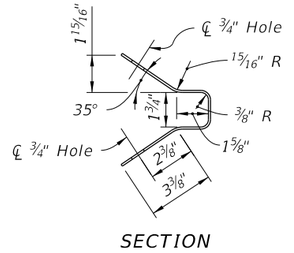
BEARING PLATE



CABLE ASSEMBLY

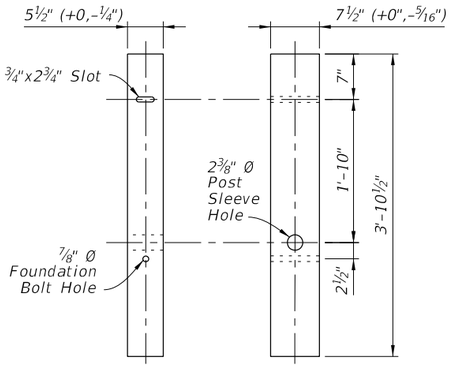


ELEVATION



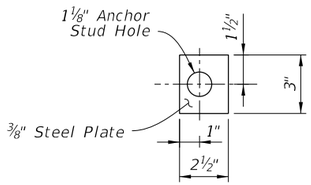
SECTION

CABLE ANCHOR PLATE

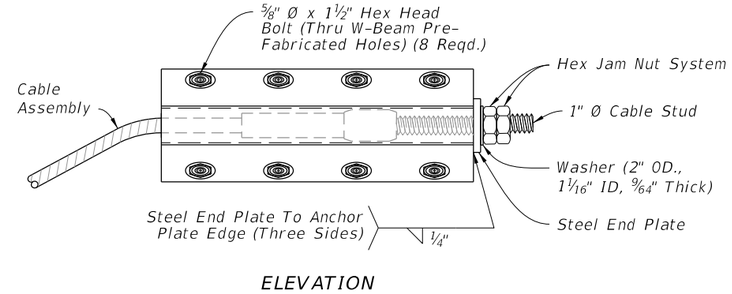


ELEVATION SECTION

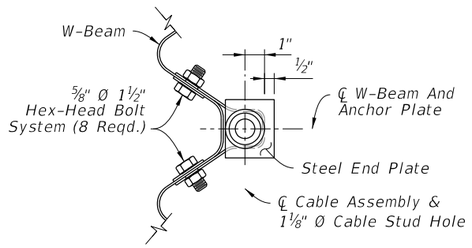
SHORT TIMBER BREAKAWAY POST (6"x8" Nom.)



STEEL END PLATE

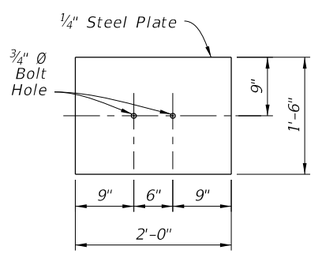


ELEVATION



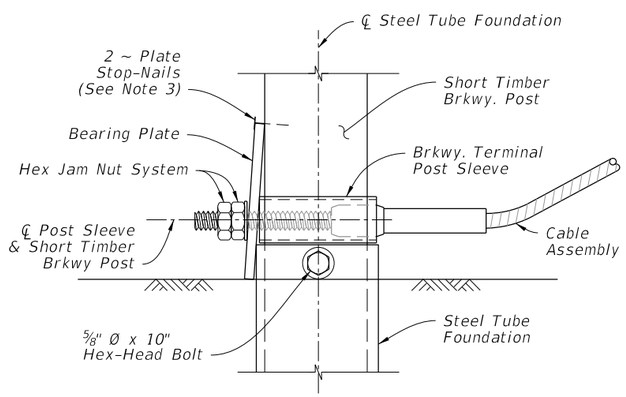
SECTION

CABLE ANCHOR PLATE ASSEMBLY



SECTION

SOIL PLATE



ELEVATION

POST & CABLE MOUNT ASSEMBLY

NOTES:

1. INSTALLATION: Use components as shown on Sheets 9 & 11.
2. MATERIALS: Use steel plates, channels, and Cable Assemblies in accordance with Specification 967.

   Use Short Timber Breakaway Posts and Steel Tube Foundations in accordance with Specification 536.

   Use Hex Nuts, Hex Jam Nuts, and Washers in accordance with the AASHTO-AGC-ARTBA Guide to Standardized Barrier Hardware with English unit equivalents of components FNX24a and FWC24a, respectively. Two Hex Nuts may be used for the Hex Jam Nut System.
3. PLATE STOP-NAILS: To prevent rotation of the Bearing Plate, drive steel 2½" Type 8d nails with ASTM A153 hot-dip galvanization.
4. CABLE ANCHOR PLATE ASSEMBLY INSTALLATION: Mount to the pre-fabricated Cable Anchor Plate Bolt Holes in the W-Beam Panel, as shown on Sheet 4. These panel holes are only permitted for this Cable Anchor Plate Assembly application.
5. SOIL PLATE BOLT HOLE(S): For Trailing Anchorage installations as shown on Sheet 9, the two bolt holes shown may be substituted with a single bolt hole located at the tube centerline.

Common Parts and Pieces - Details

END TREATMENT - COMPONENT DETAILS

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