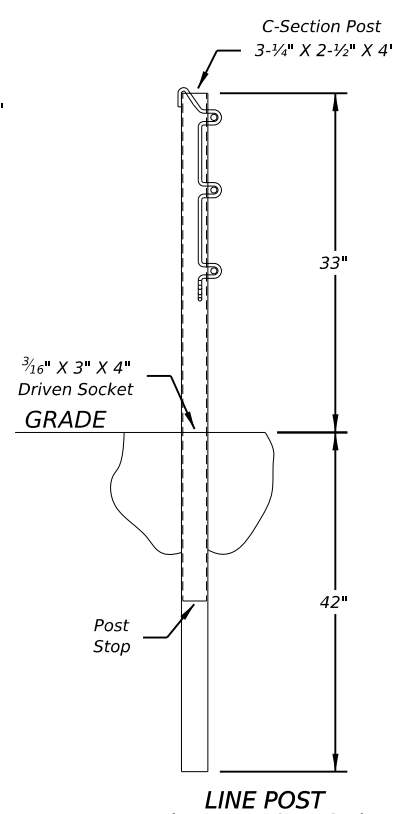
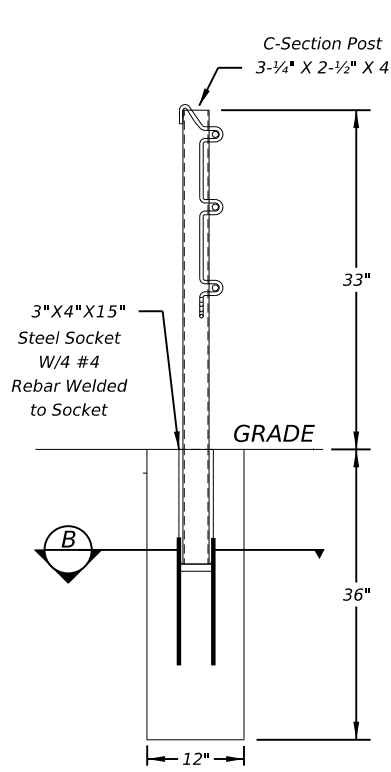
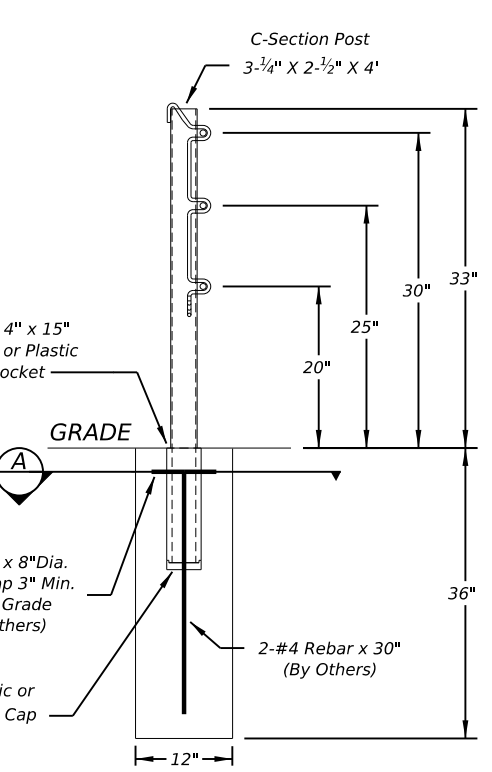
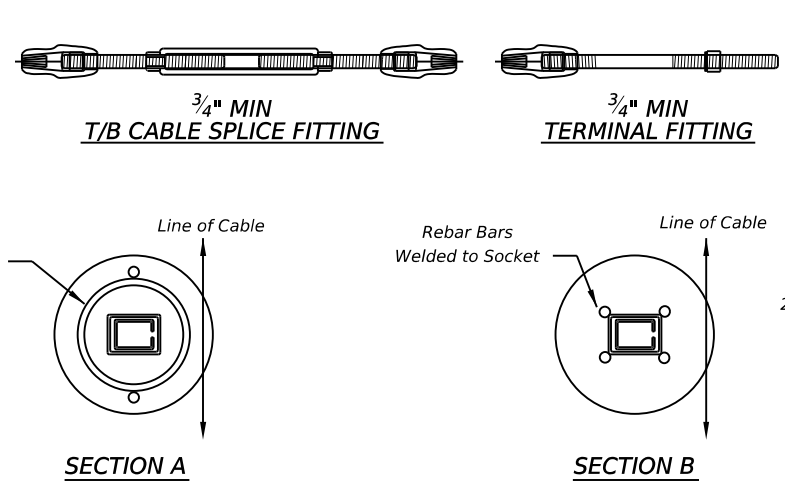
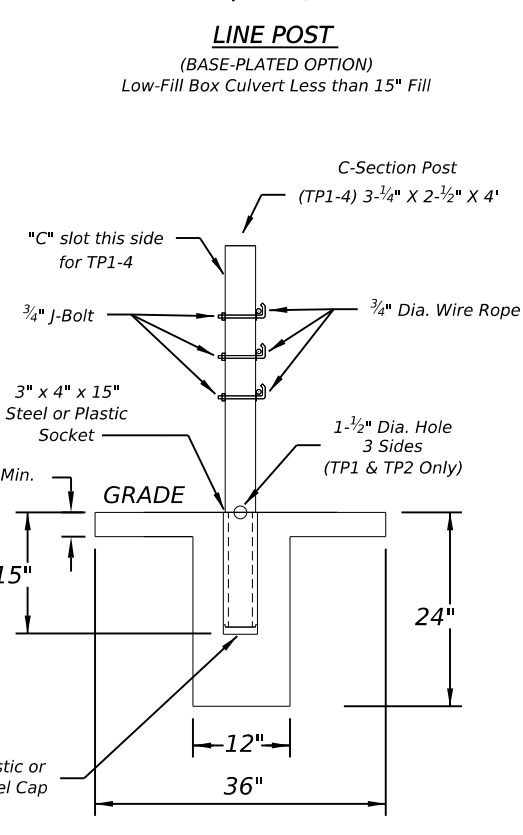
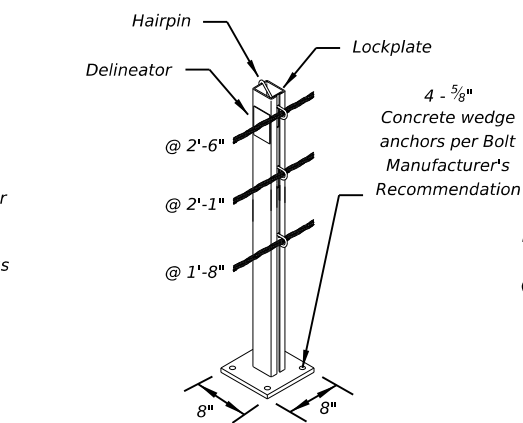
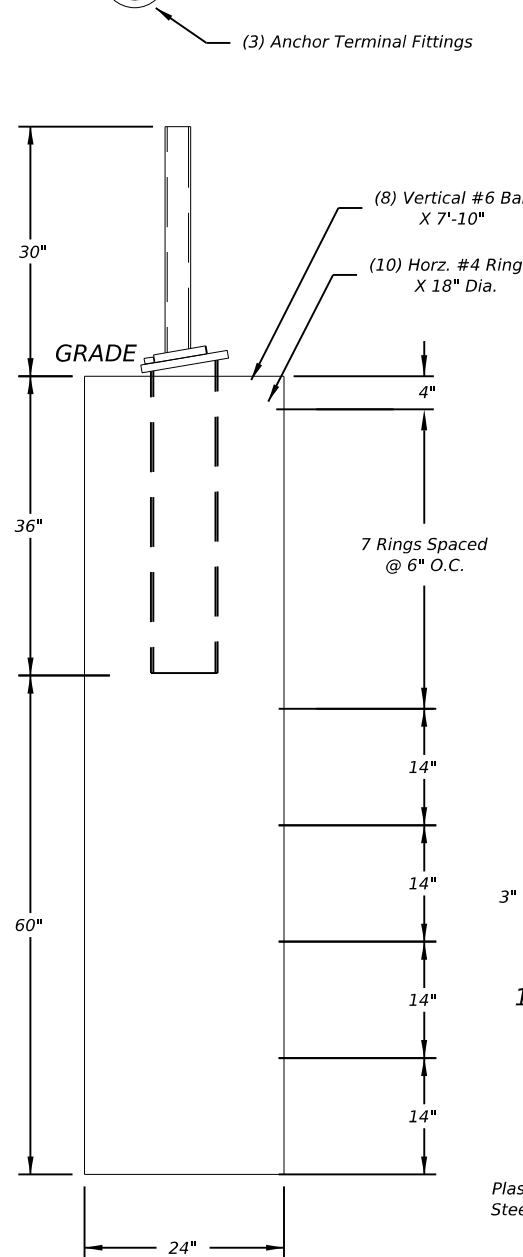
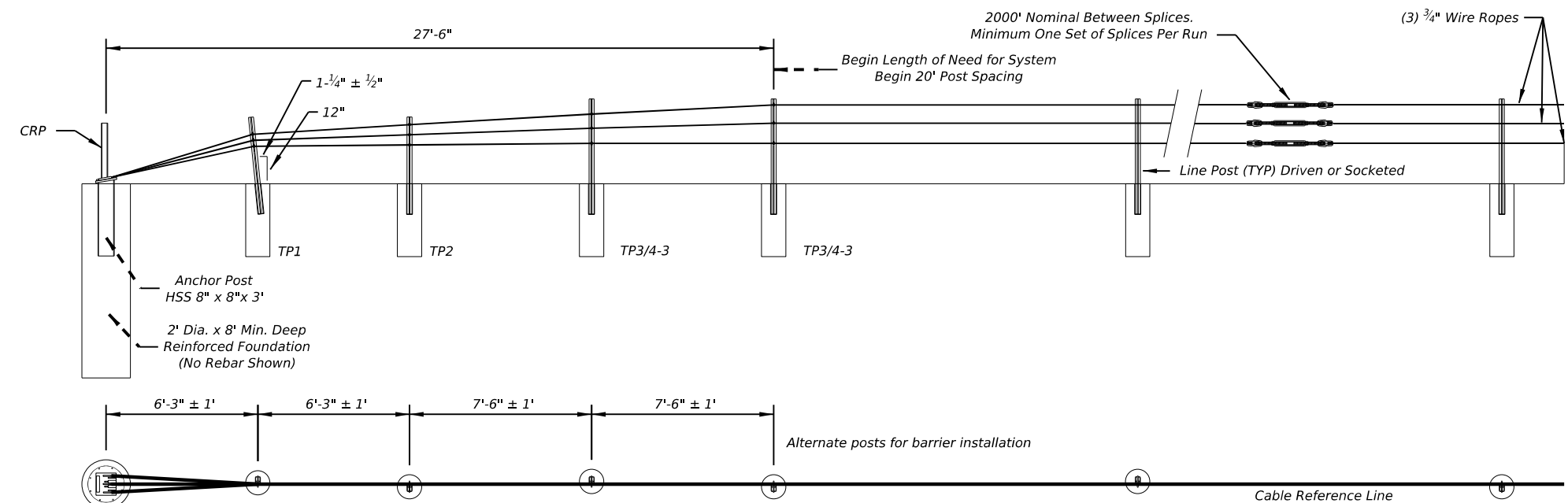


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CABLE RELEASE AND ANCHOR POST

TERMINAL POST (SHOWN WITH CONCRETE MOWSTRIP) (Shown with Tube Plate Option) (See Note 9)

LINE POST SOCKETED (Shown with Rebar Ring/Bars Socket Option) (See Note 9)

LINE POST SOCKETED (Shown with Welded Rebar Socket Option) (See Note 9)

LINE POST (DRIVEN OPTION) (Shown with Driven Socket Option) (See Note 9)

- GENERAL NOTES**
- For additional information contact Gibraltar, Inc. at 1-800-495-8957, 830-798-5444, or see the manufacturer's product manual.
  - All concrete shall be CLASS A.
  - The Cable Barrier System shall be installed on shoulders or on medians with slopes of 6:1 or flatter.
  - The Cable Barrier System is accepted by the FHWA Test Level - 3.
  - See the Texas MUTCD for proper "Barrier" delineation.
  - Rock Clause: Where solid rock is encountered:
    - For socketed post, continue digging 12" diameter, 15" deep into rock or the required plan depth, whichever comes first.
    - For driven post, core drill a 4" diameter hole 18" deep into rock or the required plan depth, whichever comes first.
    - For Anchor post, continue digging 24" diameter, 30" deep into rock or the required plan depth, whichever comes first.
  - Tolerances:
    - \* LP = 3" out of plumb, at top
    - \* Cable height = ± 1"
    - \* Anchor Post = ± 5" off of Cable Reference Line
  - The Gibraltar cable barrier system shall be installed in NCHRP Report 350 standard compacted soil. Soil must be well drained.
  - All non-welded rebar by others.
  - Minimum recommended line post foundation.
    - Without mowstrip, 36" Deep x 12" diameter foundations with #3 rebar ring x 8" diameter with two #4 rebar vertical bars 30" long
    - With 4" minimum depth hot mix asphalt, 30" deep x 12" diameter foundations with #3 rebar ring x 8" diameter with two #4 rebar vertical bars 30" long.
    - With 3" minimum depth concrete mowstrip, 24" deep x 12" diameter foundations. (No rebar required)
    - Direct drive post 42" deep.

**CABLE TENSION CHART\***

-10 °F	8000
0 °F	7600
10 °F	7200
20 °F	6800
30 °F	6400
40 °F	6000
50 °F	5600
60 °F	5200
70 °F	4800
80 °F	4400
90 °F	4000
100 °F	3600
110 °F	3200

**DEFLECTION**

Deflection	Post Spacing
8'-0"	20 FT
7'-0"	12 FT
6'-8"	10 FT

\* Allowable Deviation from Chart +/- 10%

Texas Department of Transportation

**GIBRALTAR CABLE BARRIER SYSTEM (TL-3)**

**GBRLTR (TL3) - 14**

FILE: gbrltr1314.dgn DN: TxDOT CK: RM DW: VP CK:

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REVISIONS

DIST COUNTY SHEET NO.

Design Division Standard

DATE: FILE: