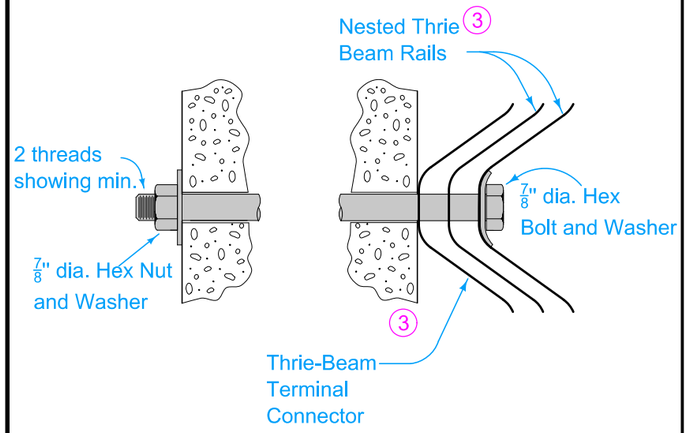
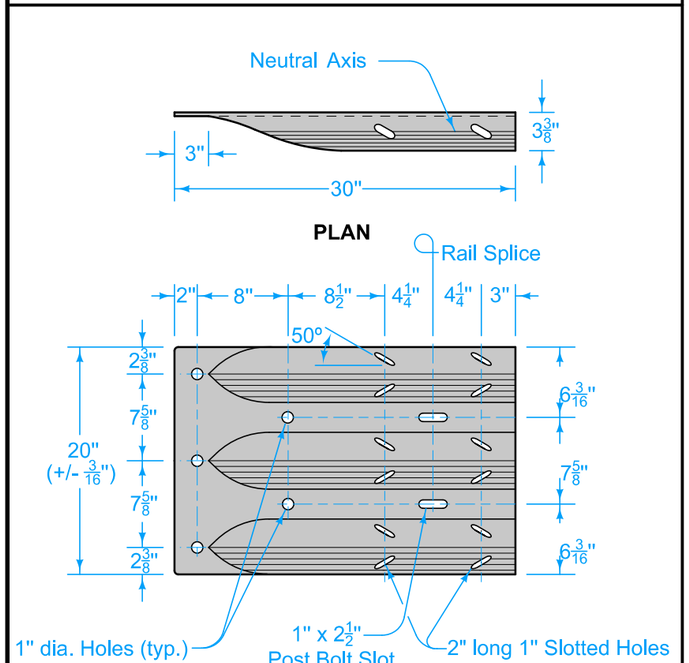


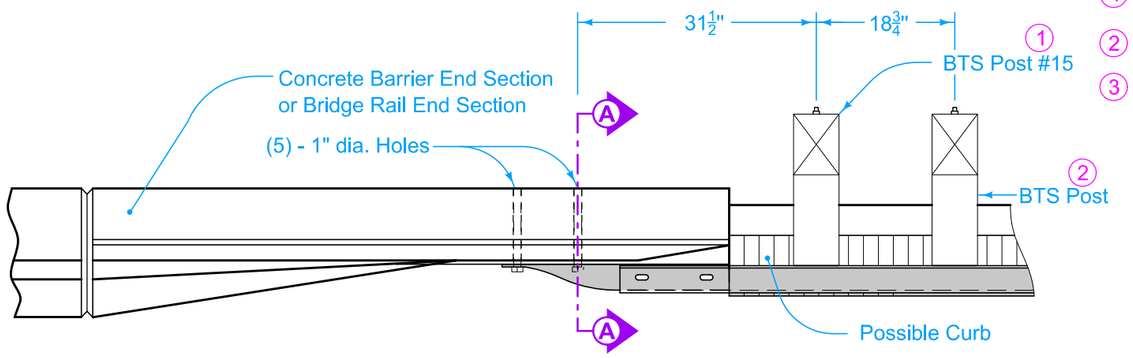
DETAIL 'A' DETAIL 'B'



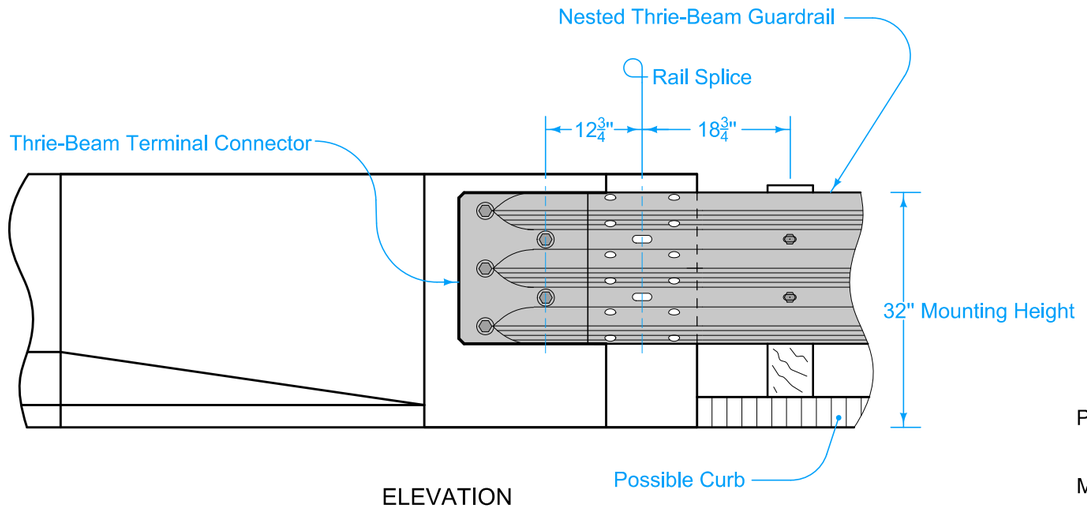
ELEVATION

THRIE - BEAM
TERMINAL CONNECTOR

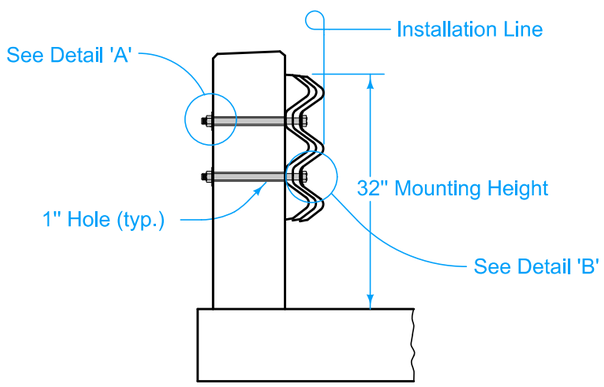
TYPE A



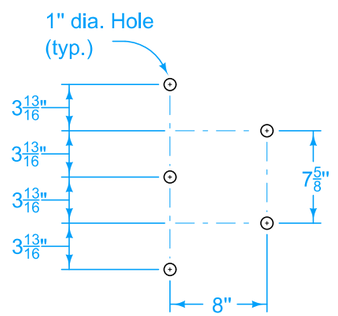
PLAN



ELEVATION



SECTION A-A



5 - BOLT PATTERN
Thrie-Beam Terminal Connector

1. See BA-201.
2. BTS post # 14 BA-201. BTS post #5 BA-221.
3. Lap the Terminal Connector on the outside of the nested thrie beam rails for attachments on the trailing end of a bridge.

Possible Contract Item:
Steel Beam Guardrail End Anchor, Bolted

Materials included in the Contract Item:
Thrie-Beam Terminal Connector
Approved 7/8" x sufficient length Hex Bolts
Approved 7/8" Hex Nuts
Approved 15/16" Washers

IOWA DOT

STANDARD ROAD PLAN

REVISION	
7	10-20-26

BA-202

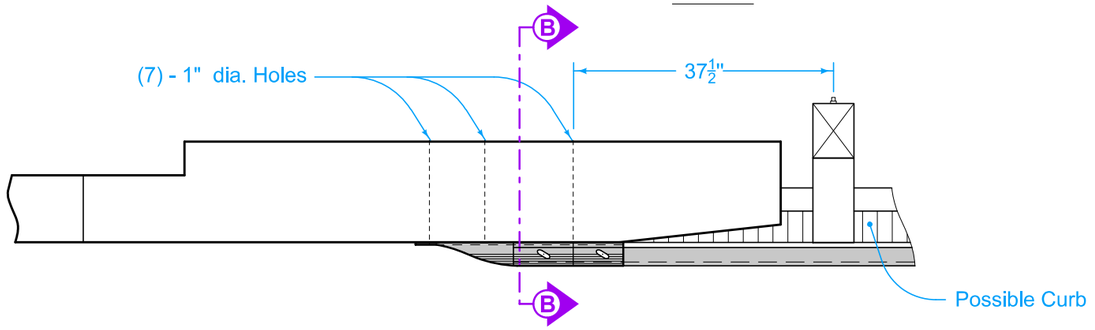
SHEET 1 of 4

REVISIONS: Changed "Center of Bolt Pattern" to "Rail Splice"

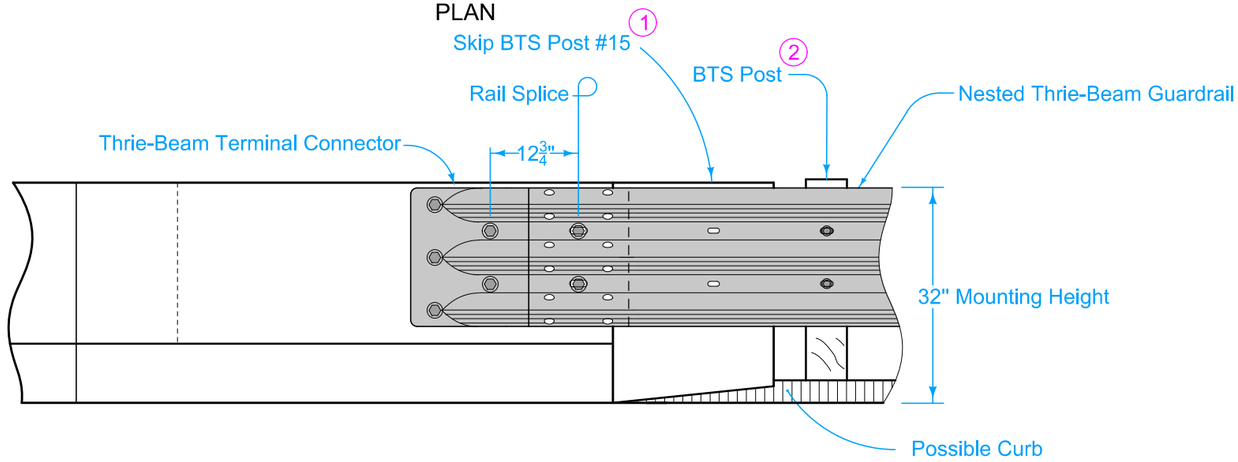
APPROVED BY DESIGN METHODS ENGINEER

STEEL BEAM GUARDRAIL BOLTED END ANCHOR

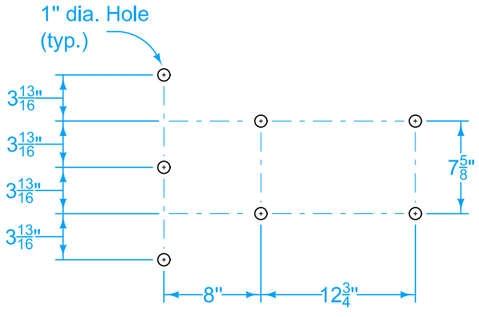
TYPE B



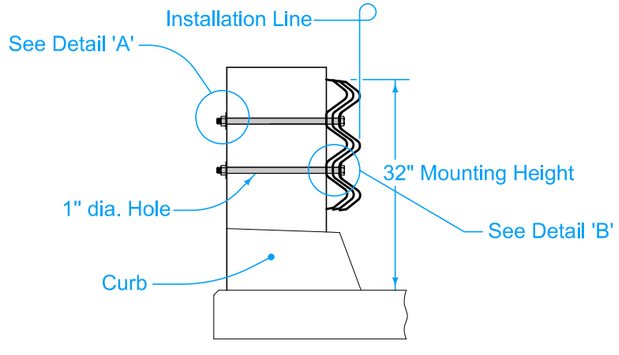
PLAN



ELEVATION



7 - BOLT PATTERN
Thrie - Beam Terminal Connector



SECTION B-B

1. See BA-201.
2. BTS post # 14 BA-201. BTS post #5 BA-221.

IOWA DOT

STANDARD ROAD PLAN

REVISION	
6	10-20-26

BA-202

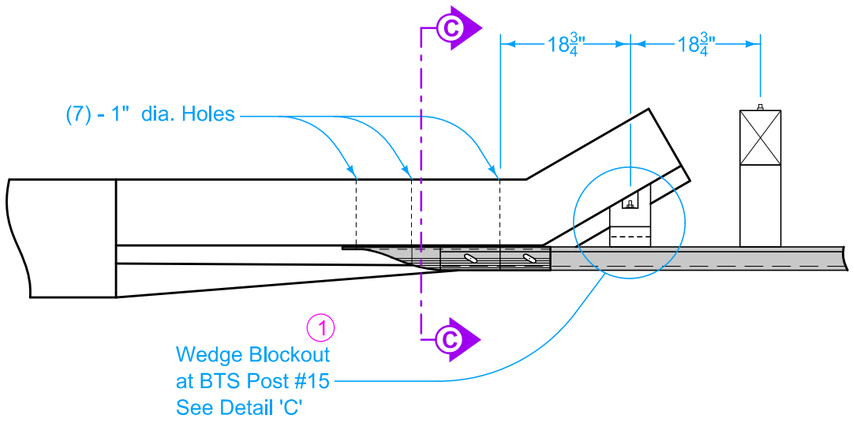
SHEET 2 of 4

REVISIONS: Changed "Center of Bolt Pattern" to "Rail Splice"

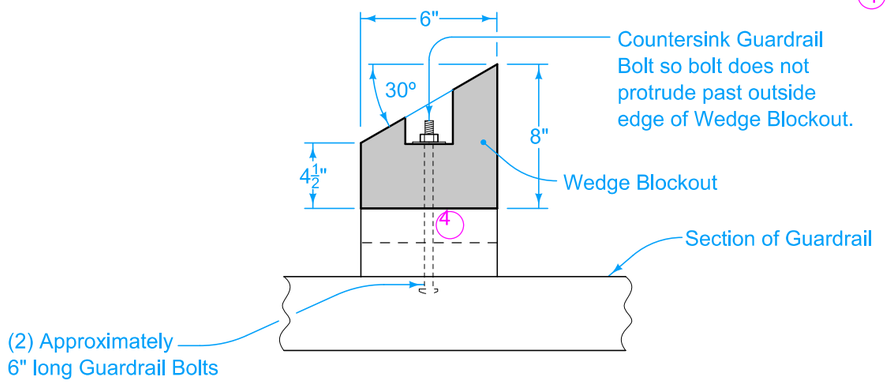
APPROVED BY DESIGN METHODS ENGINEER

STEEL BEAM GUARDRAIL
BOLTED END ANCHOR

TYPE C

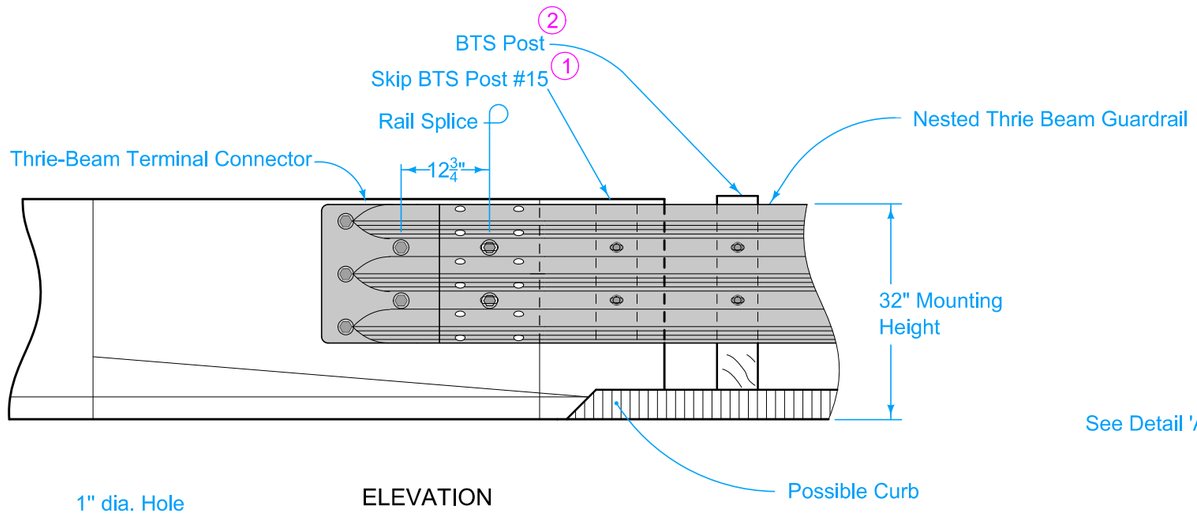


PLAN

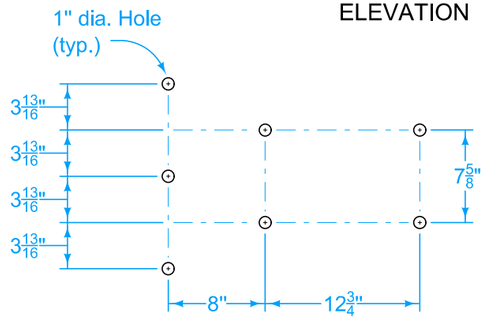


DETAIL 'C'

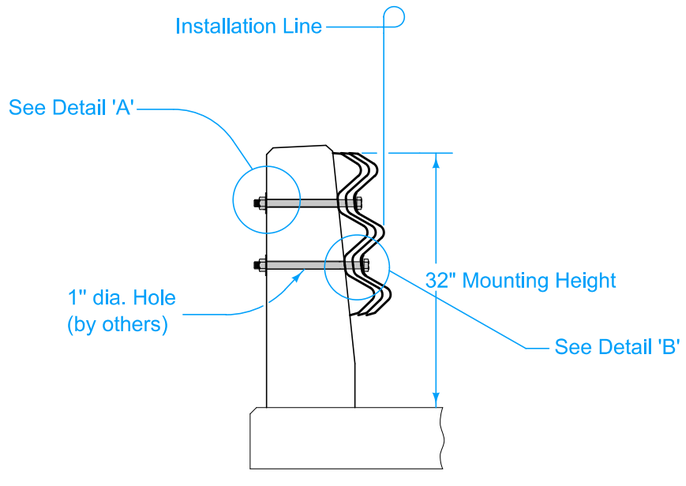
1. See BA-201.
2. BTS post # 14 BA-201. BTS post #5 BA-221.
4. Use treated spacer boards (1 in. x 6 in. or 2 in. x 6 in.) to produce a tight fit between the wedge blockout and endpost. A nominal 1 inch gap is acceptable. Spacer boards are incidental to bolted end anchor.



ELEVATION



7 - BOLT PATTERN
Thrie - Beam Terminal Connector



SECTION C-C

IOWA | DOT

STANDARD ROAD PLAN

REVISION	
6	10-20-26

BA-202

SHEET 3 of 4

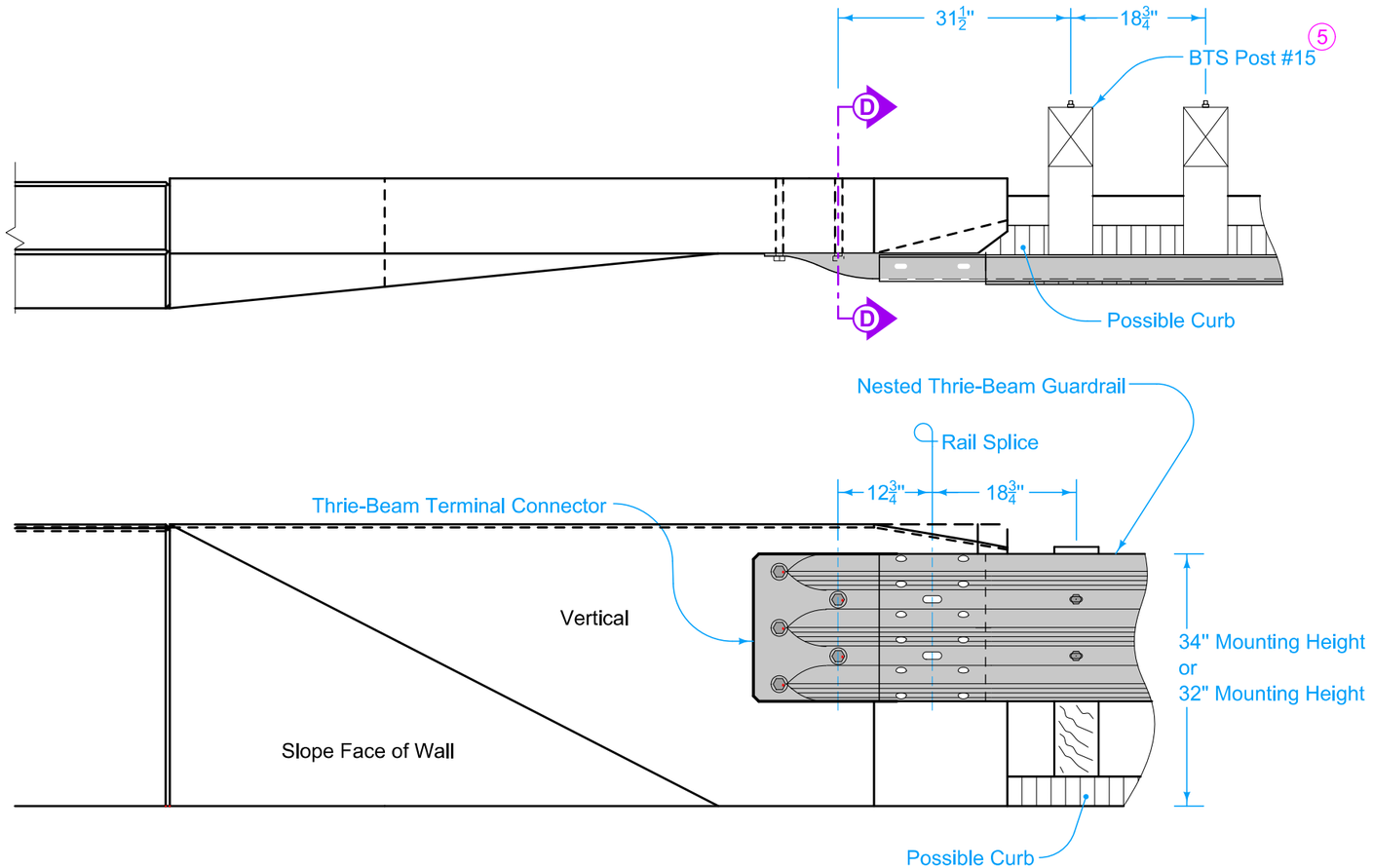
REVISIONS: Changed "Center of Bolt Pattern" to "Rail Splice"

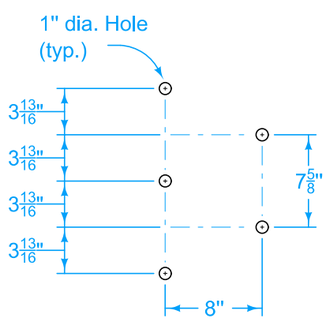
APPROVED BY DESIGN METHODS ENGINEER

STEEL BEAM GUARDRAIL
BOLTED END ANCHOR

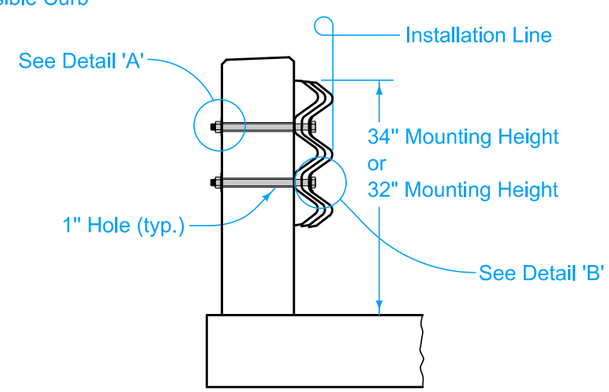
TYPE D

(5) See BA-209 for 34" mounting height. See BA-201 for 32" mounting height.





5 - BOLT PATTERN
Thrie-Beam Terminal Connector



SECTION D-D

IOWA DOT

STANDARD ROAD PLAN

REVISION 7 10-20-26

BA-202

SHEET 4 of 4

REVISIONS: Changed "Center of Bolt Pattern" to "Rail Splice"

APPROVED BY DESIGN METHODS ENGINEER

STEEL BEAM GUARDRAIL
BOLTED END ANCHOR