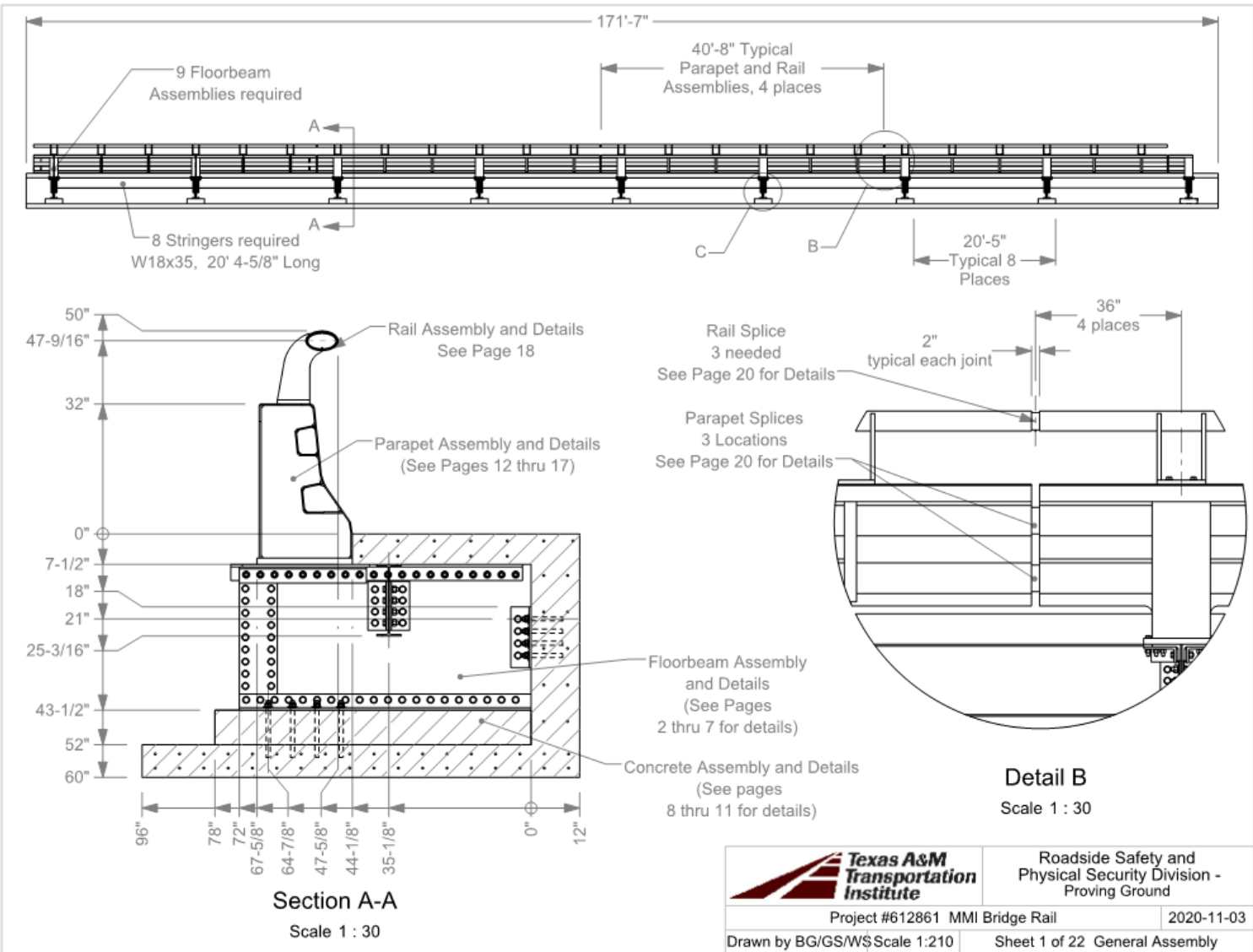
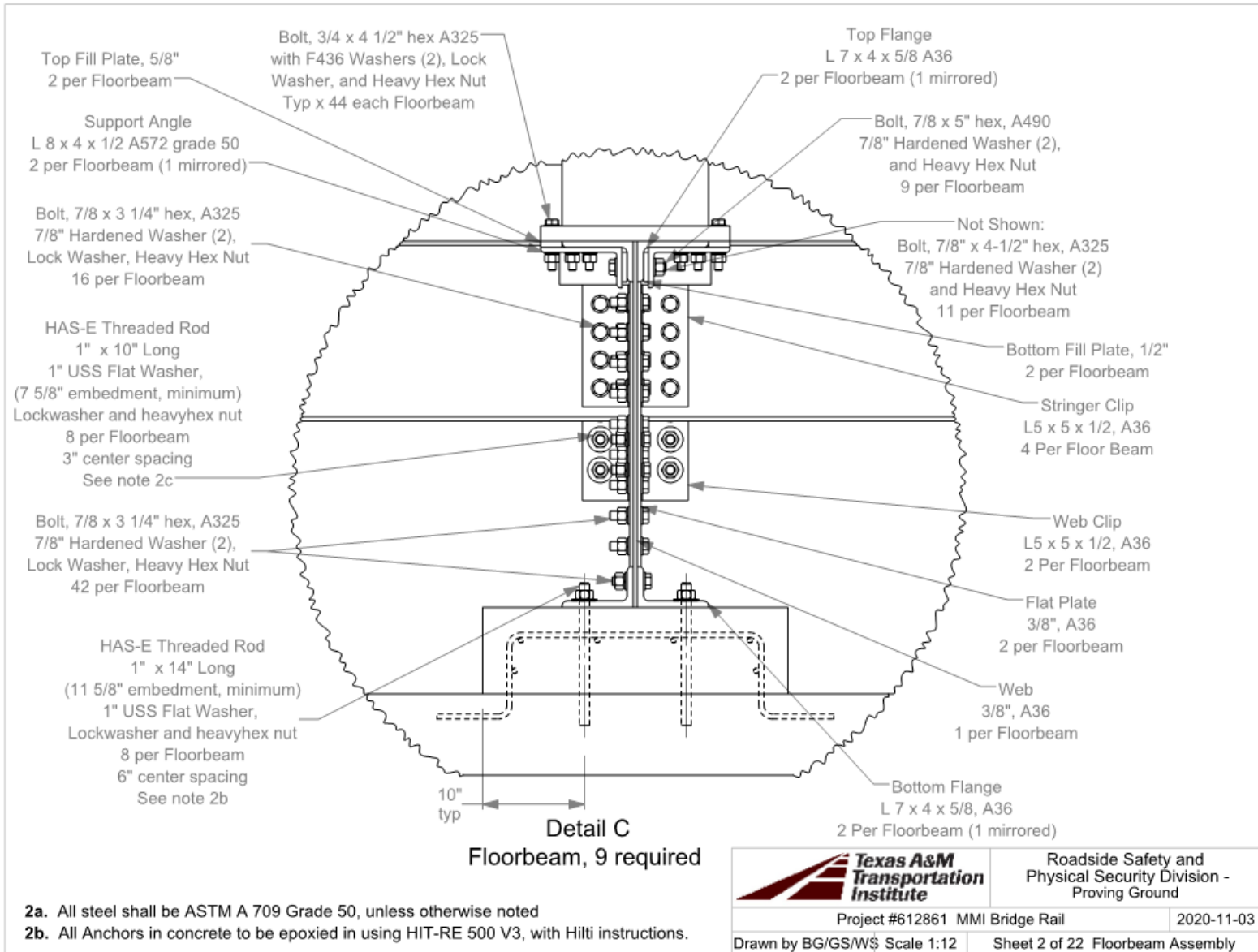
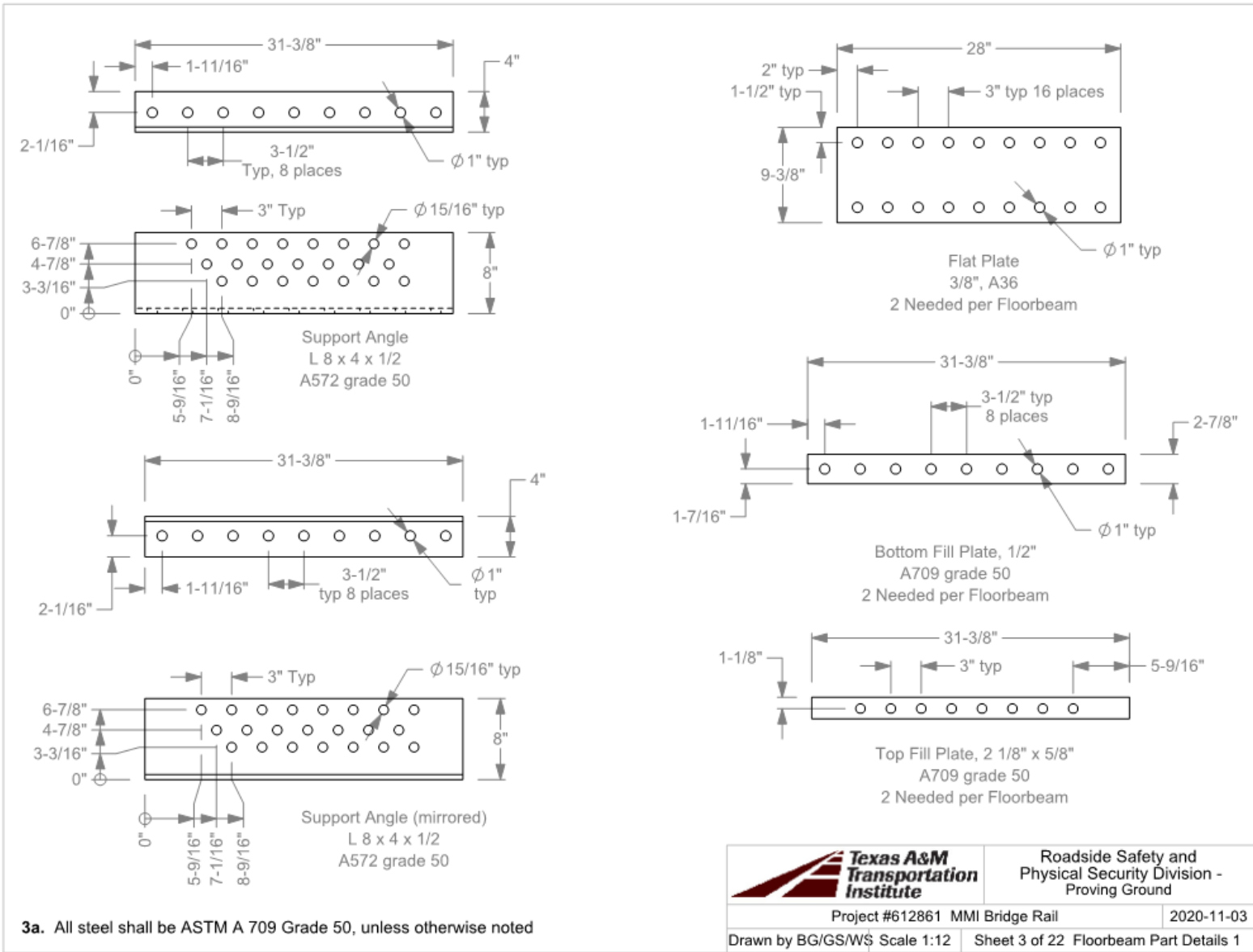



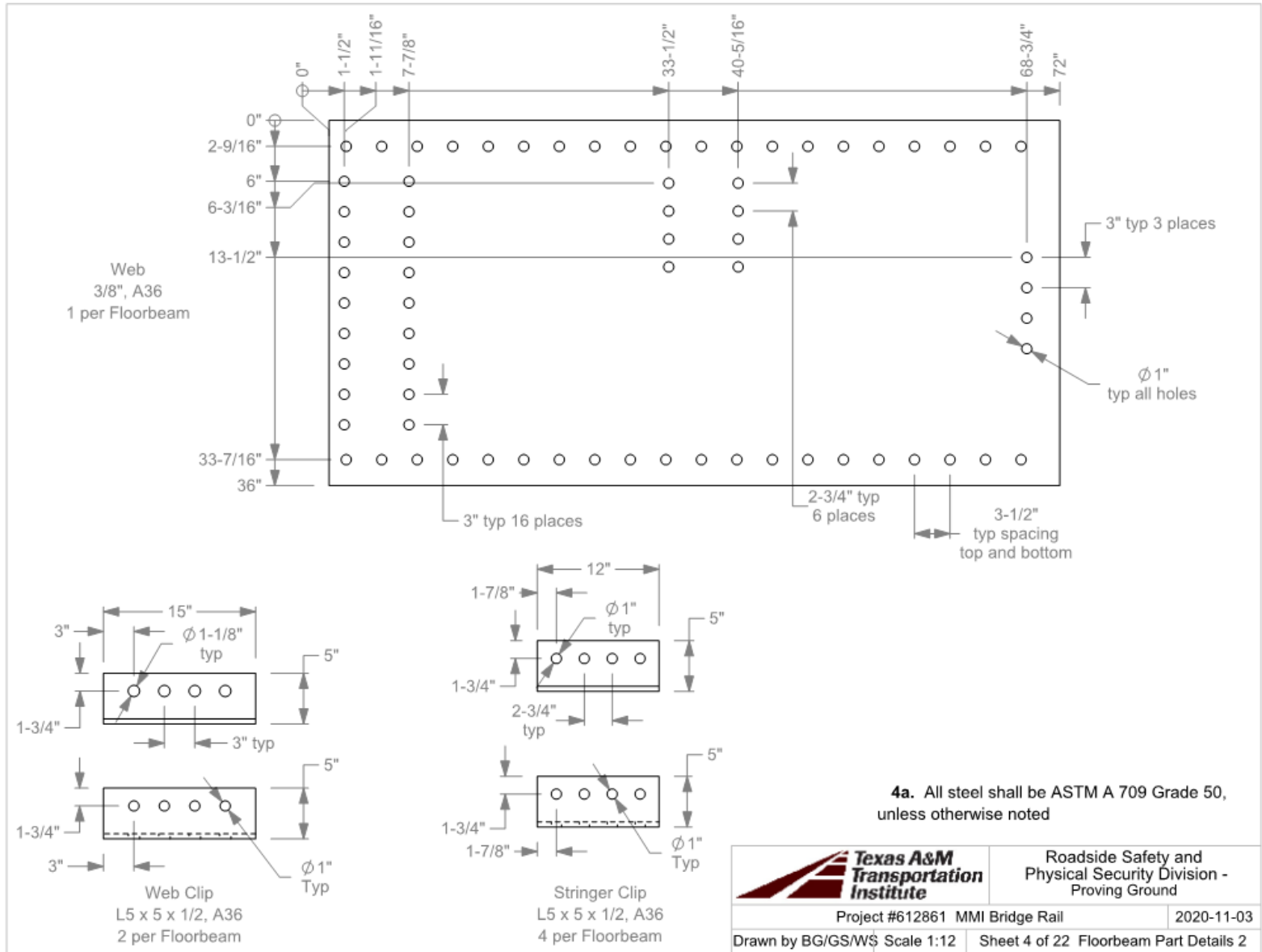
**APPENDIX A. DETAILS OF MDTA CHESAPEAKE BAY BRIDGE
STEEL RAIL SYSTEM**

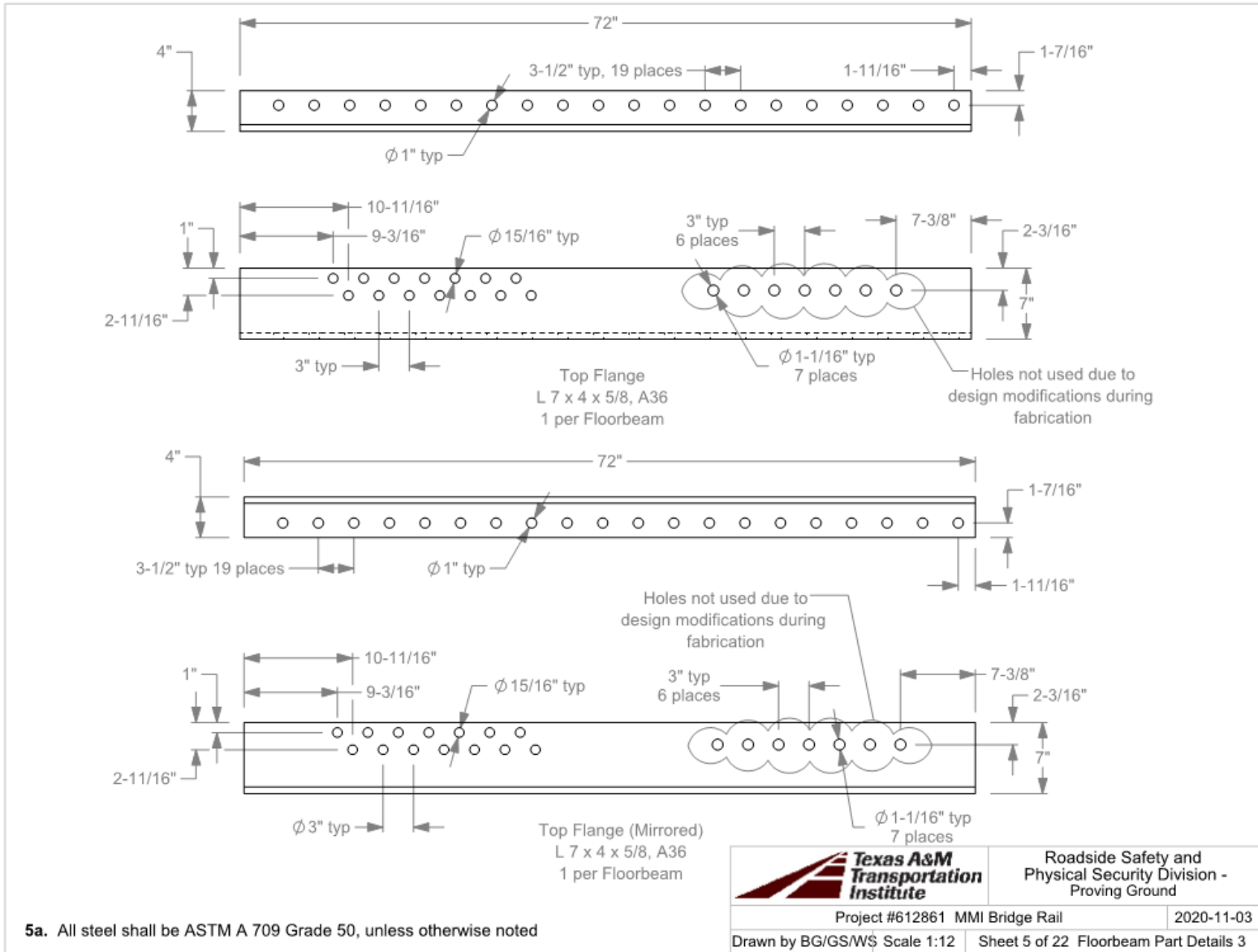


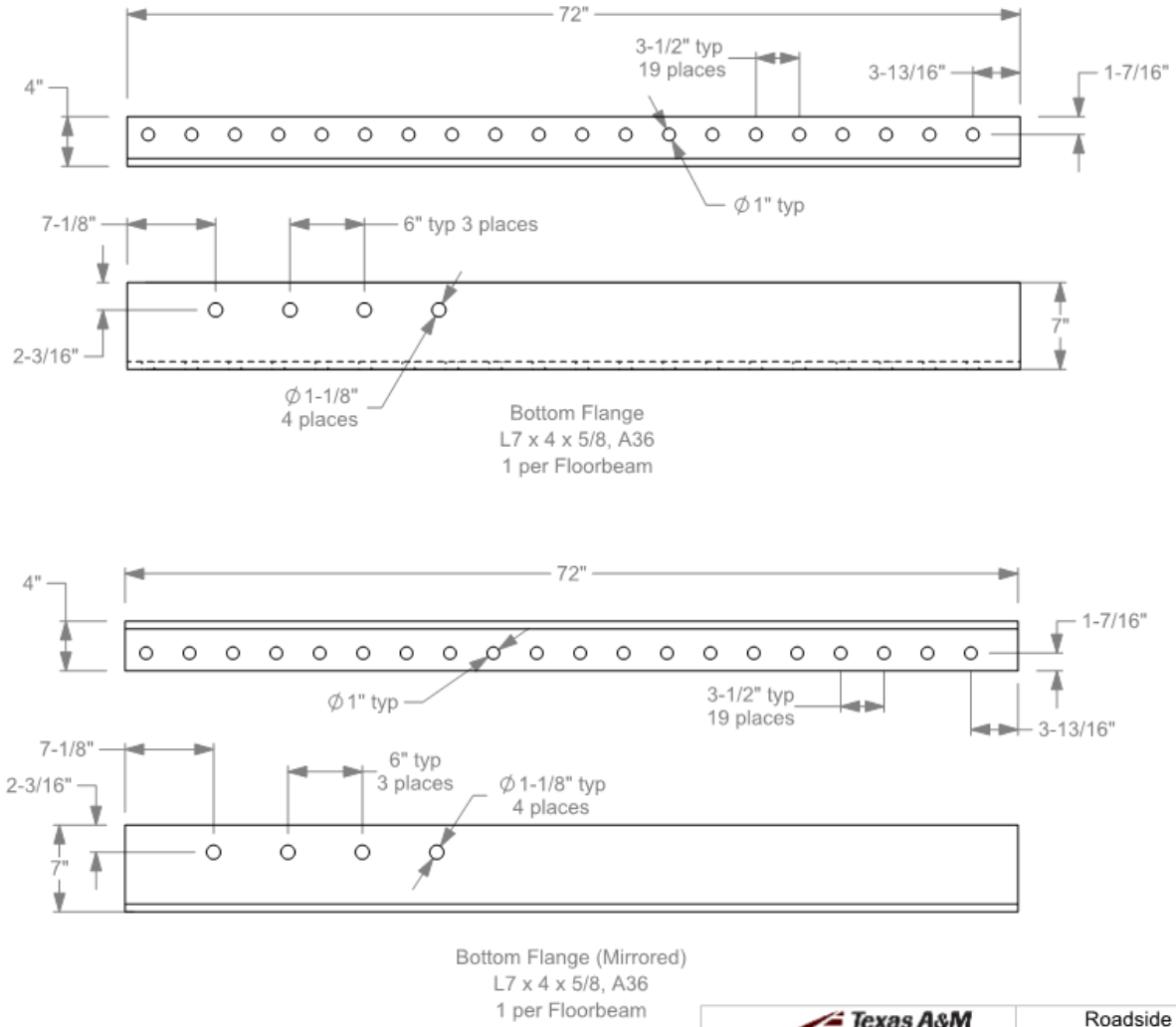




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6a. All steel shall be ASTM A 709 Grade 50, unless otherwise noted



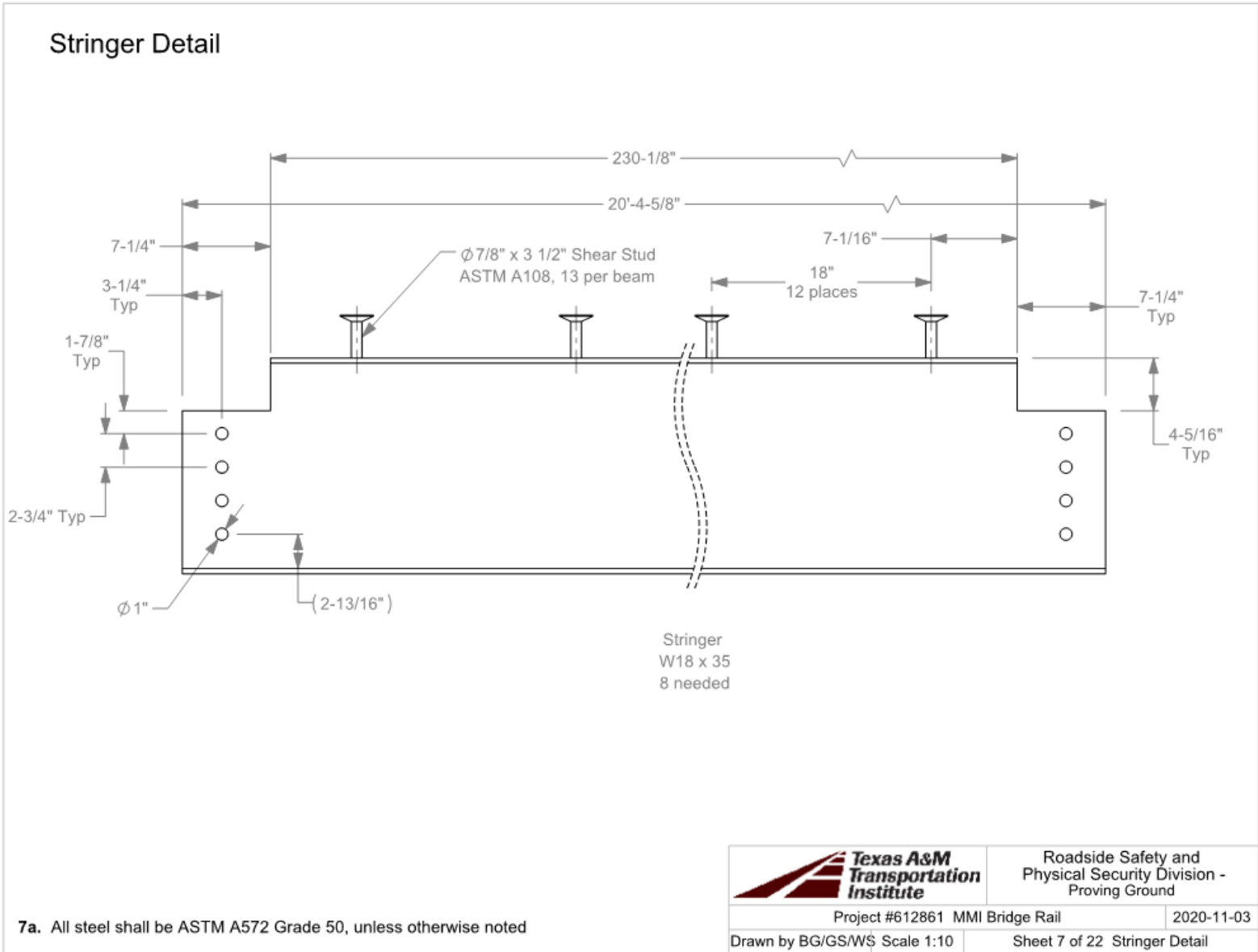
Roadside Safety and
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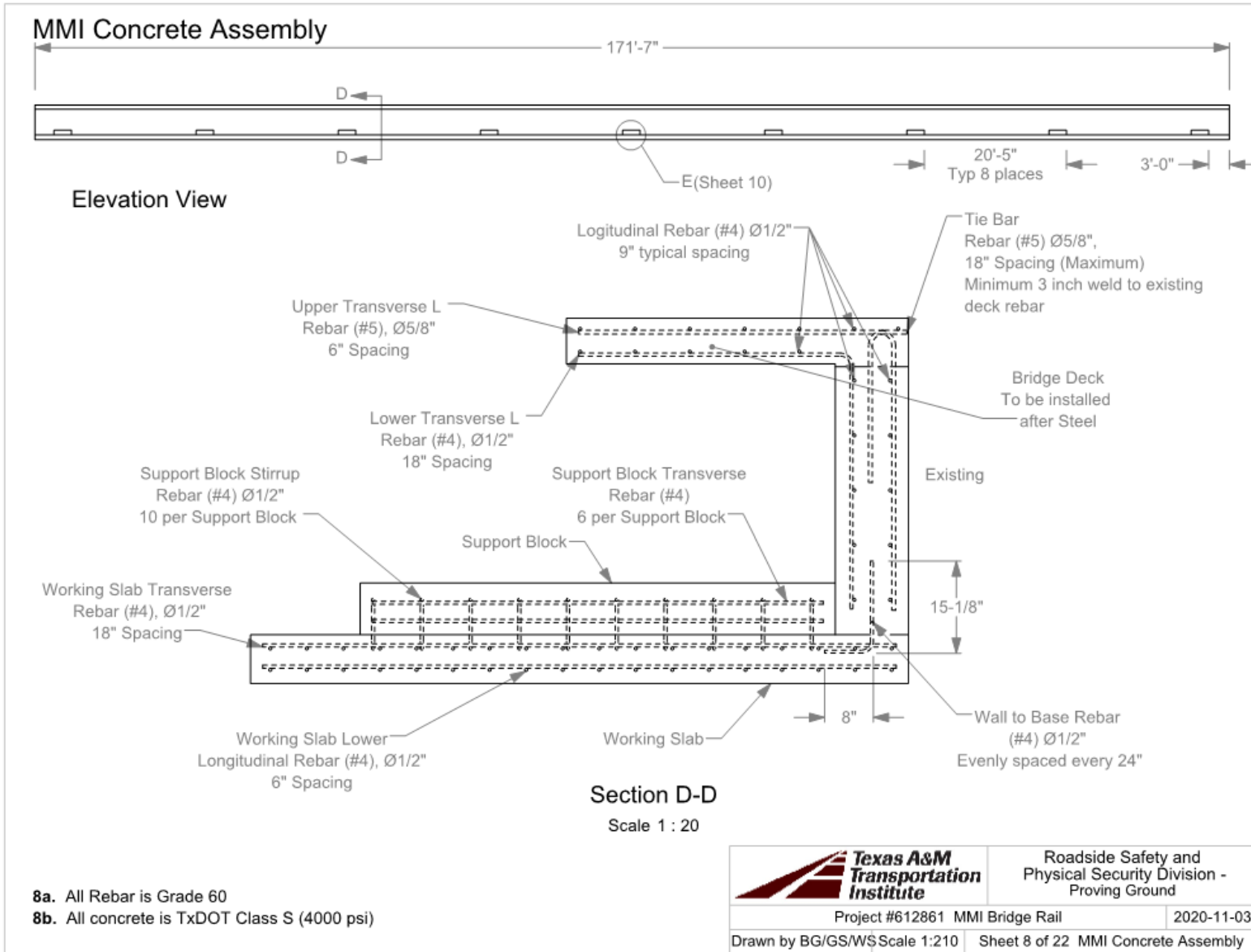
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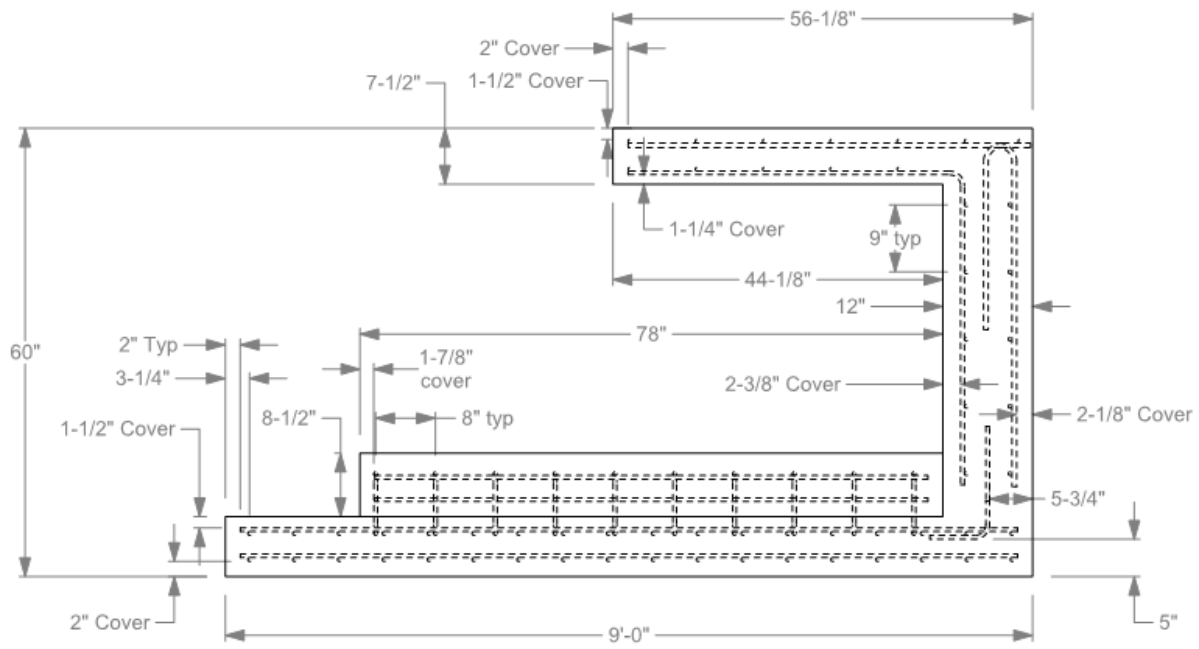
Drawn by BG/GS/W\$ Scale 1:12

Sheet 6 of 22 Floorbeam Part Details 4






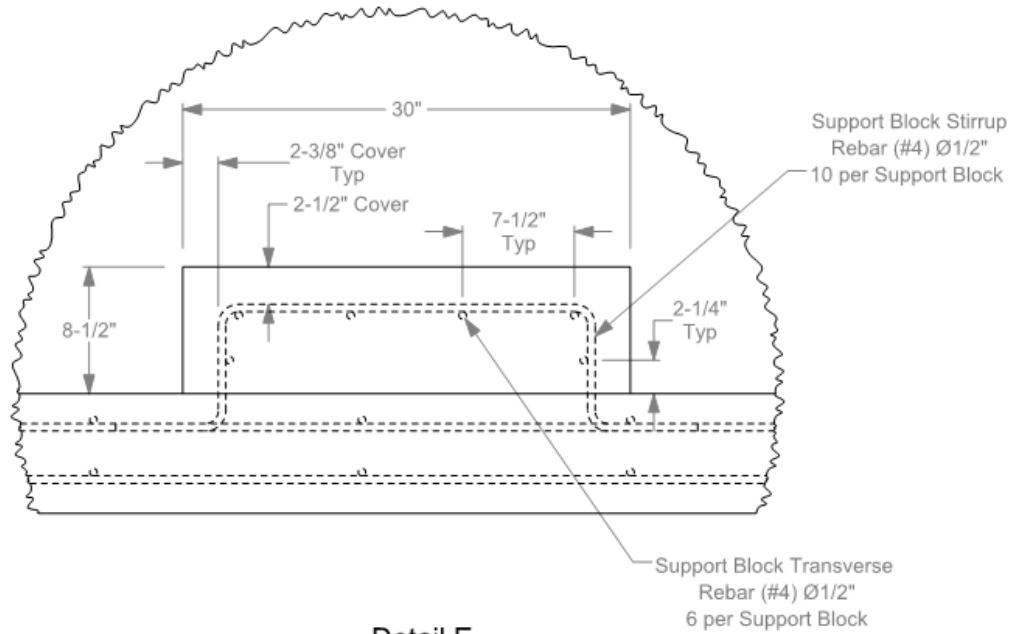
Concrete Dimensional Details



- 9a. All Rebar is Grade 60
- 9b. All concrete is TxDOT Class S (4000 psi)


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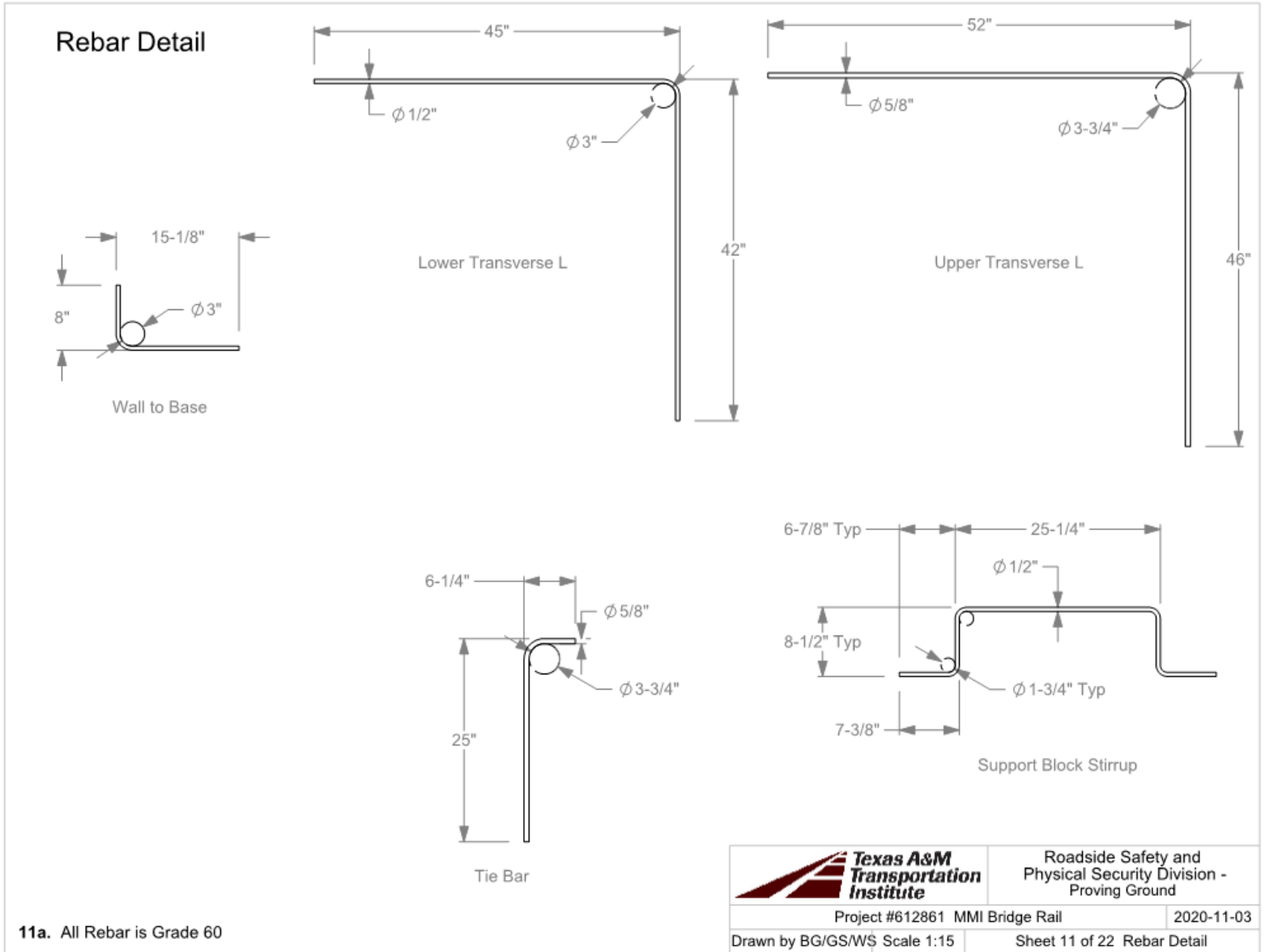
Support Block Detail

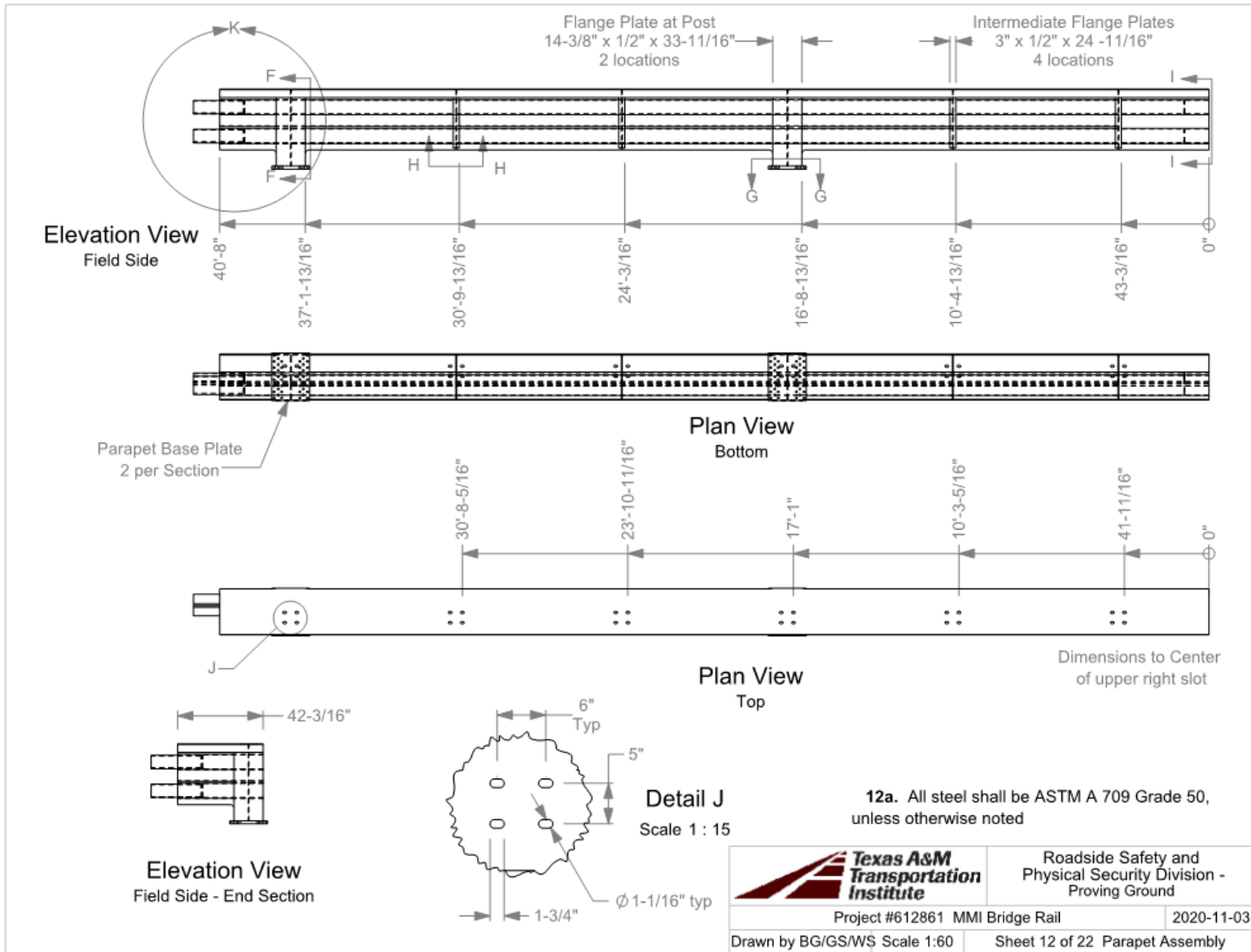


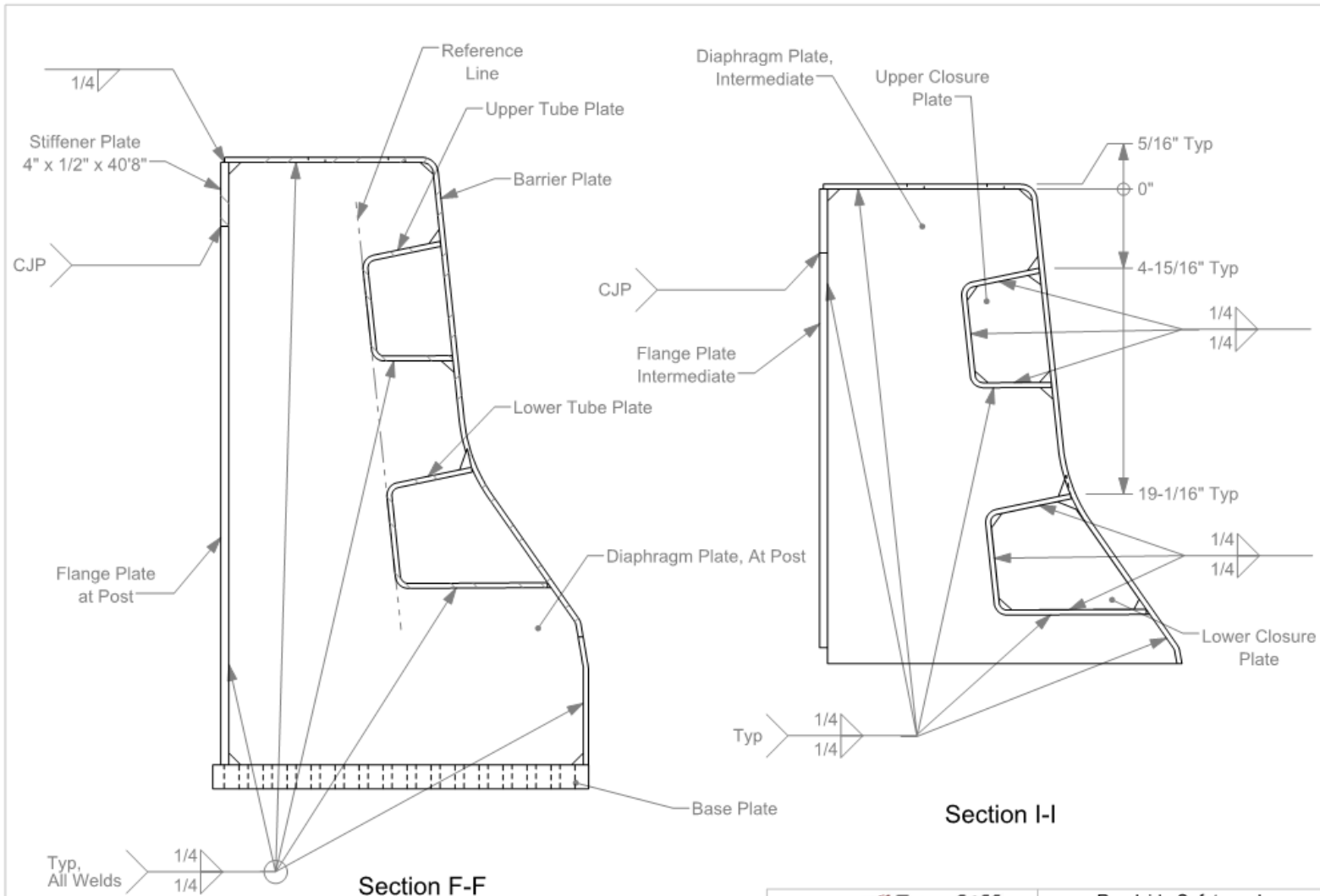
Detail E
Support Block Detail
Typical 9 locations

- 10a. All Rebar is Grade 60
- 10b. All concrete is TxDOT Class S (4000 psi)

	Roadside Safety and Physical Security Division - Proving Ground	
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Drawn by BG/GS/W\$ Scale 1:10	Sheet 10 of 22 Support Block Detail	

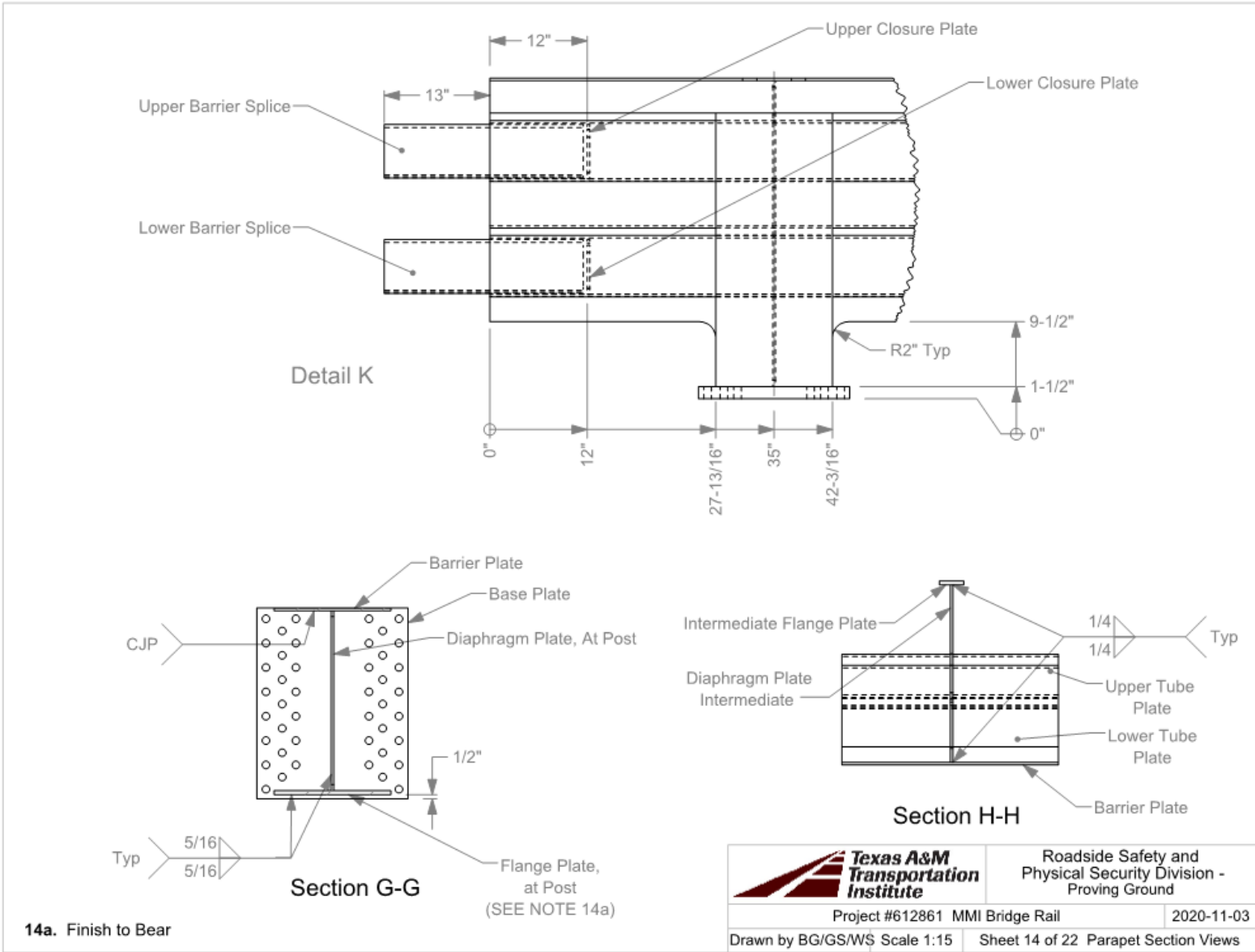




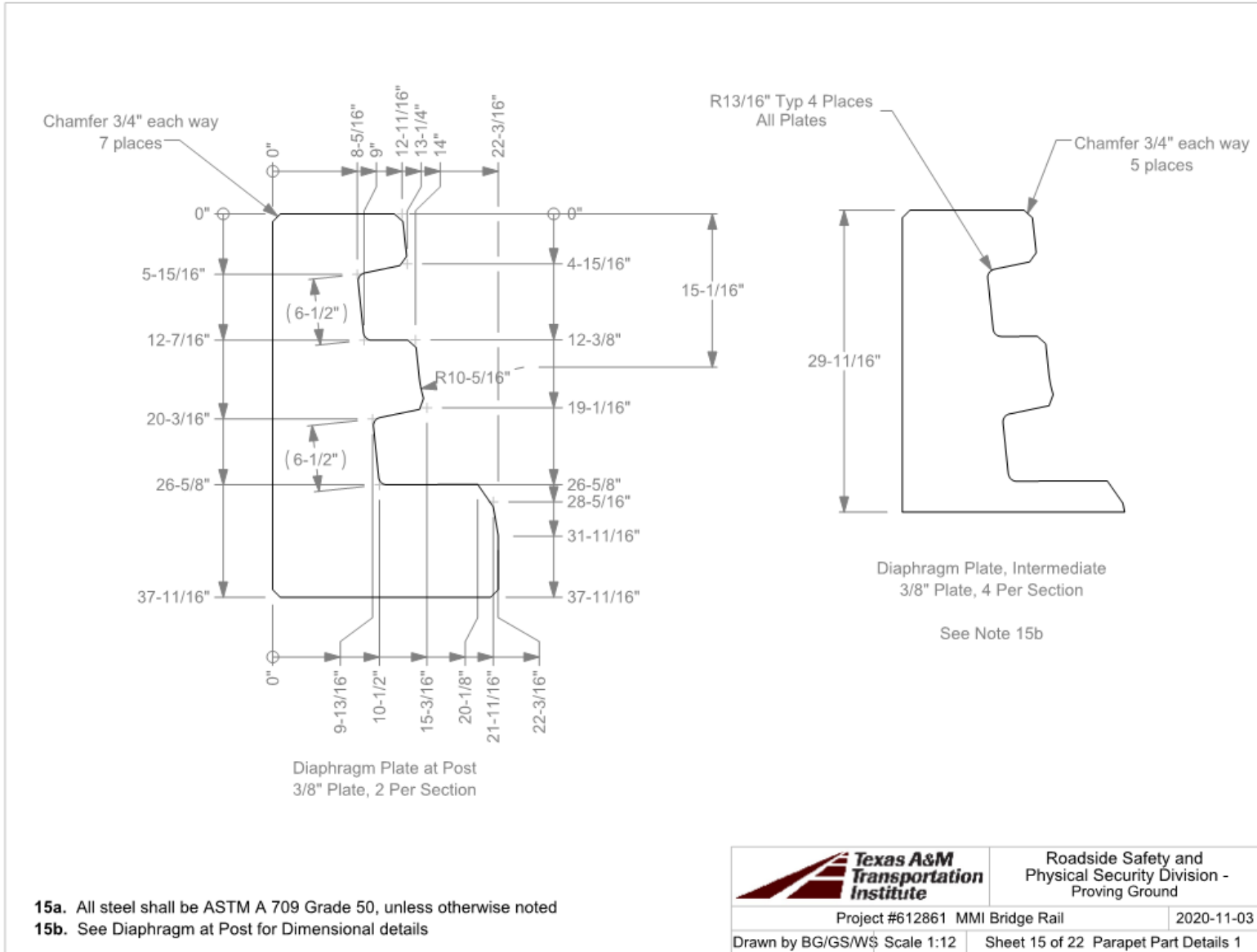


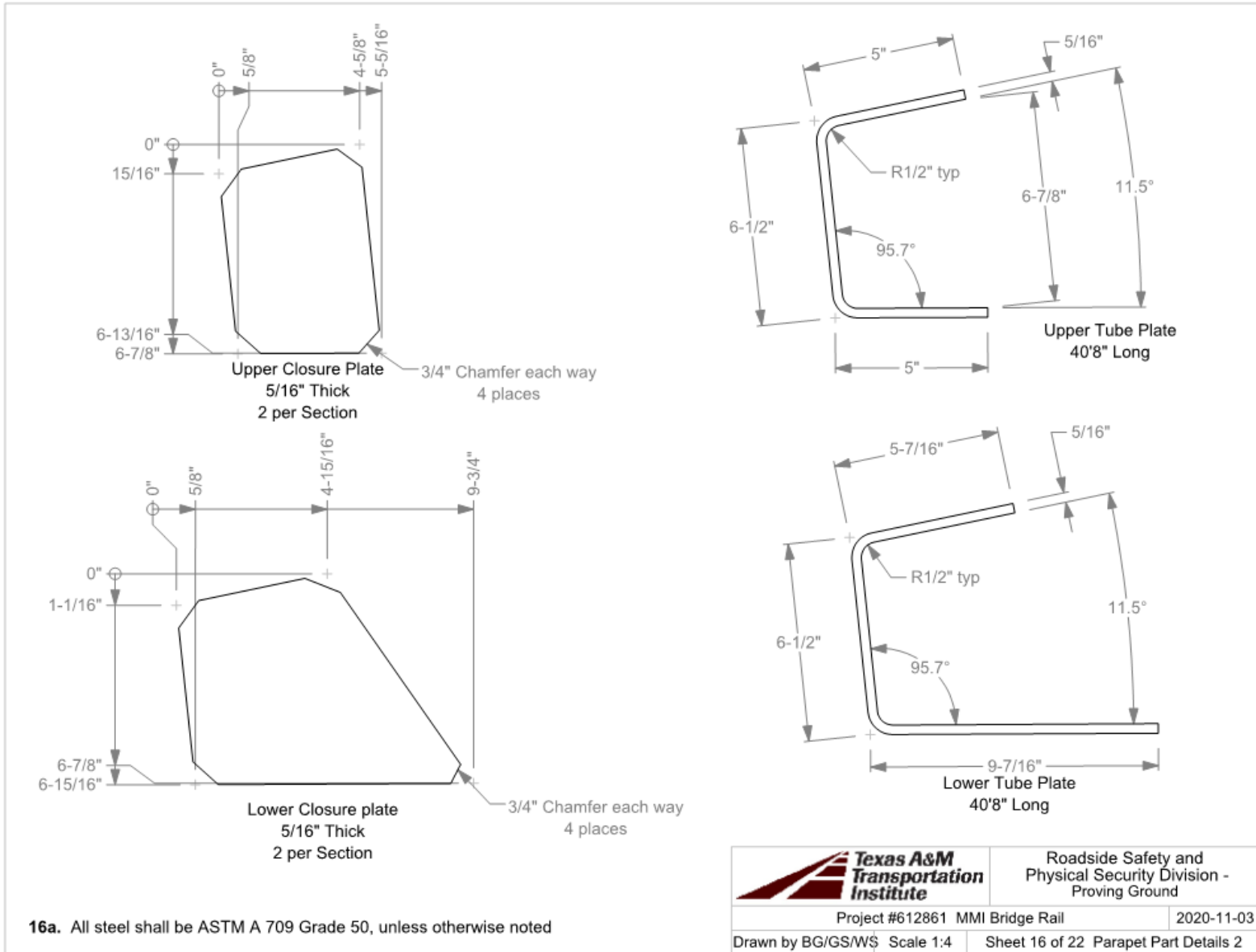
13a. All steel shall be ASTM A 709 Grade 50, unless otherwise noted
13b. Paint the traffic side of the barrier plate (front and top face) in accordance with Maryland State Highway Administration (MDHSA) System B paint system. The top coat shall be grey in color in accordance with Federal Standard 26493.

	Roadside Safety and Physical Security Division - Proving Ground	
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Drawn by BG/GS/W\$ Scale 1:8	Sheet 13 of 22 Parapet End View	

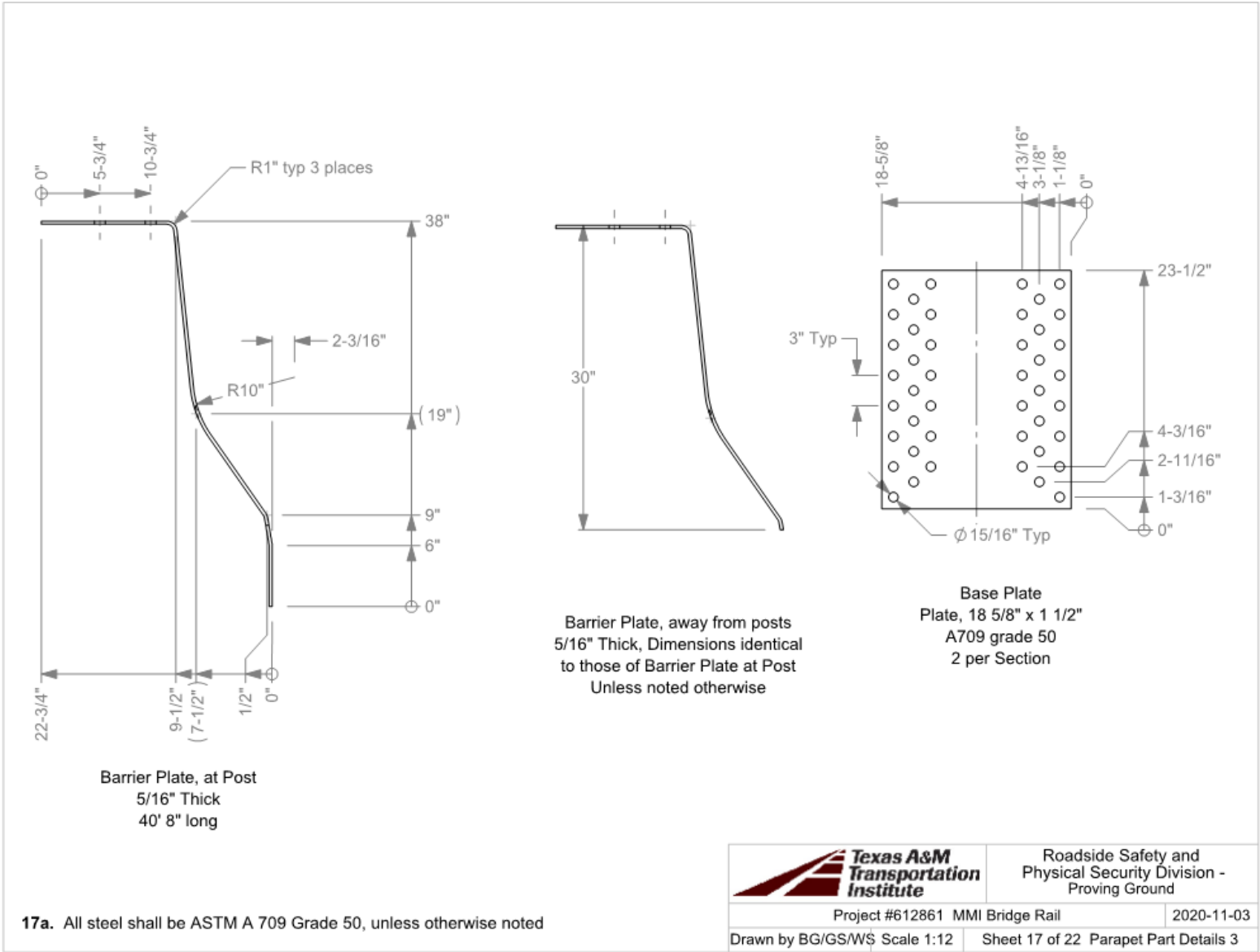


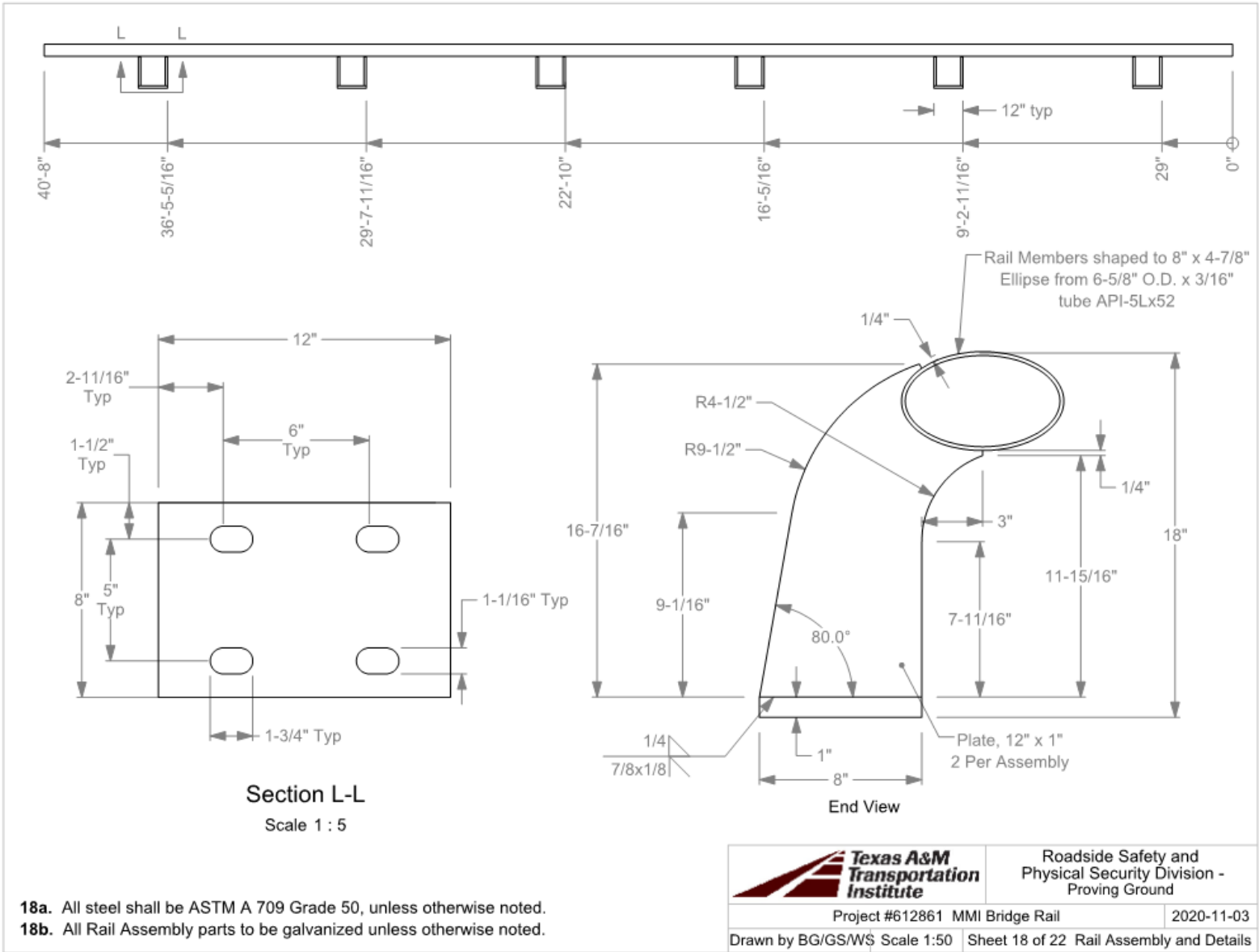
14a. Finish to Bear






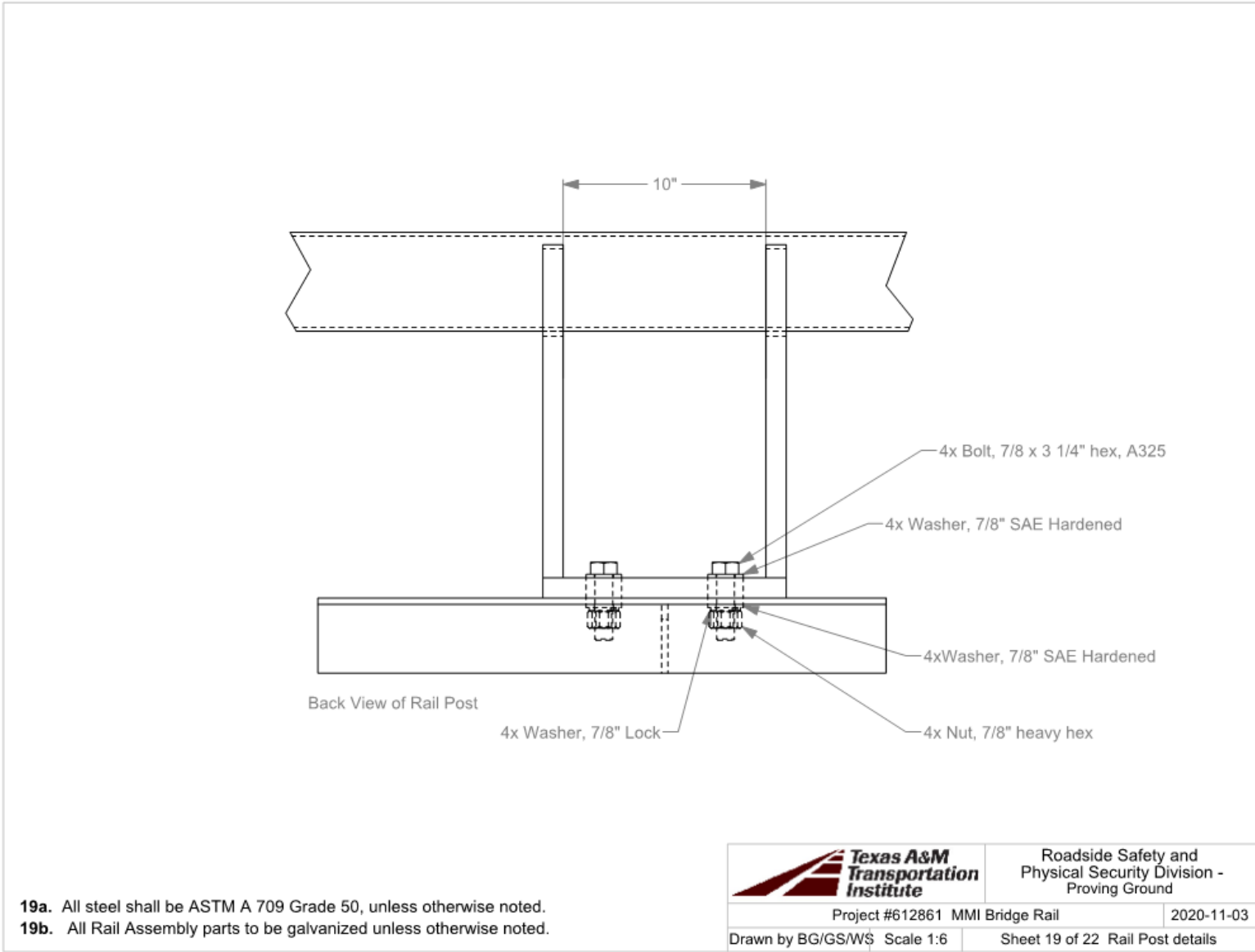
16a. All steel shall be ASTM A 709 Grade 50, unless otherwise noted

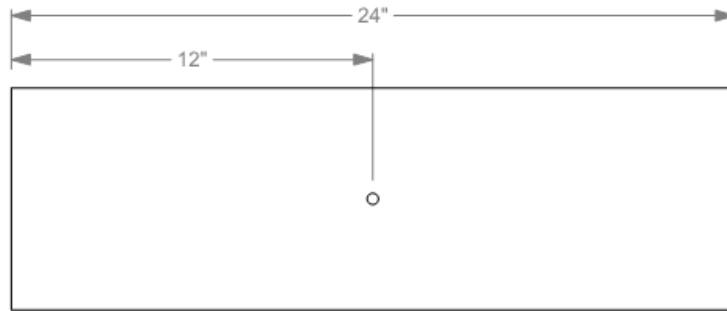




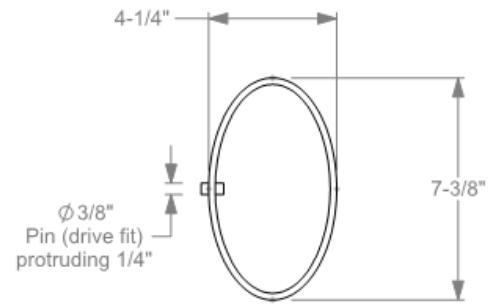
18a. All steel shall be ASTM A 709 Grade 50, unless otherwise noted.
18b. All Rail Assembly parts to be galvanized unless otherwise noted.

	Roadside Safety and Physical Security Division - Proving Ground	
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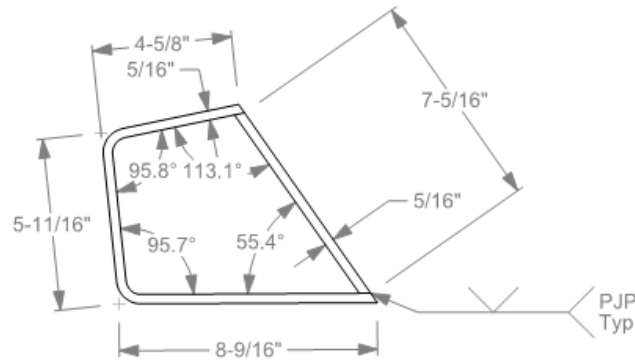




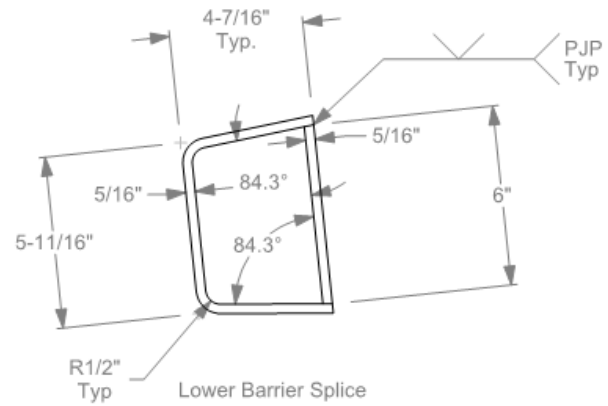
Rail Splice
3/16" tube API-5Lx52, galvanized
1 required per joint



End View



Upper Barrier Splice
24" Long
1 required per joint



Lower Barrier Splice
24" Long
1 required per joint



Roadside Safety and
Physical Security Division -
Proving Ground

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Drawn by BG/GS/W\$ Scale 1:5

Sheet 20 of 22 Splice Details

20a. All steel shall be ASTM A 709 Grade 50, unless otherwise noted

