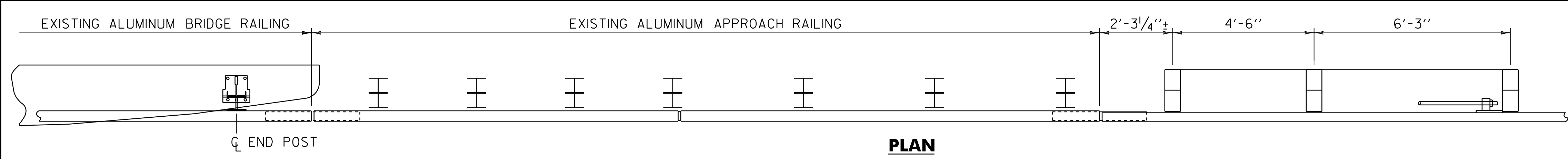
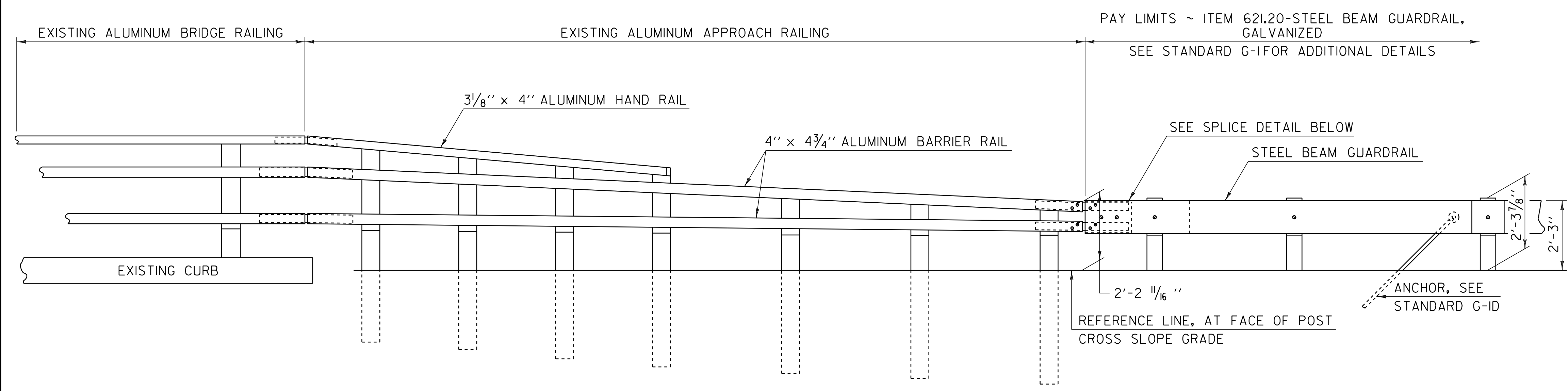


NOTES

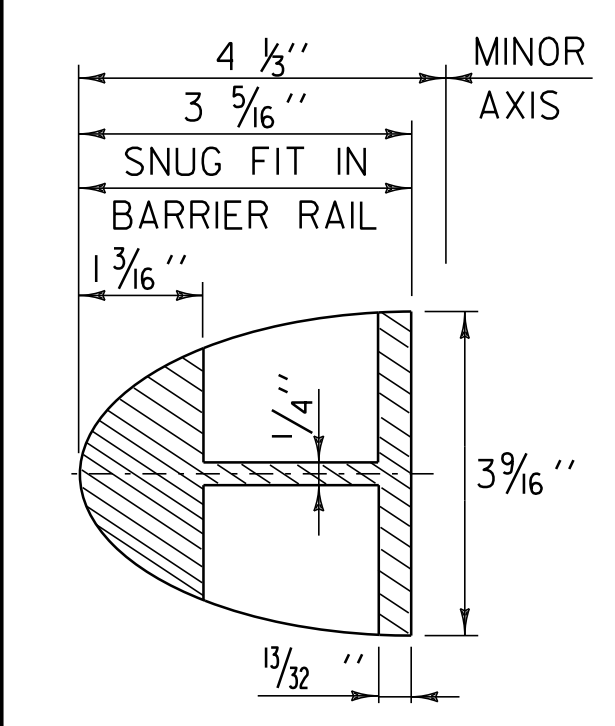
1. ALL STRUCTURAL STEEL SHALL BE ASTM A36 AND GALVANIZED AFTER FABRICATION.
2. ALL ITEMS NOT OTHERWISE INDICATED SHALL MEET THE SPECIFICATION REQUIREMENTS OF THE STANDARD SHEETS ON WHICH THEY ARE DETAILED.
3. SEE STANDARD G-1 FOR STEEL BEAM GUARDRAIL DETAILS.
4. ANCHOR BOLTS, WASHERS AND HEAVY HEX NUTS MAY BE ANY OF THE FOLLOWING:
 - A. ASTM A449 GALVANIZED, OR
 - B. AASHTO M164 (ASTM A325) GALVANIZED
 - C. BOLTS AND WASHERS OF STAINLESS STEEL ASTM A276, TYPE 304 (MINIMUM ULTIMATE STRENGTH OF 100,000 PSI) WITH STAINLESS STEEL NUTS OF ASTM A194, GRADE 8NA.
5. ALUMINUM SPLICE BARS SHALL CONFORM TO ASTM B221 Fy = 35,000 PSI.
6. THE CONNECTION BOLTS SHALL BE EITHER ASTM A193 OR ASTM A320. EITHER ONE SHALL BE CLASS 1, B8 GRADE AISI 304 WITH AN ULTIMATE TENSILE STRENGTH OF 75,000 PSI. NUTS FOR EITHER OF THE ABOVE BOLTS SHALL BE ASTM A194, GRADE 8, STAINLESS STEEL WITH AN ULTIMATE TENSILE STRENGTH OF 75,000 PSI.
7. WELDING SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 506.10 USING THE GMAW-INERT GAS PROCESS AND AWS ER 5356 ELECTRODE WIRE.



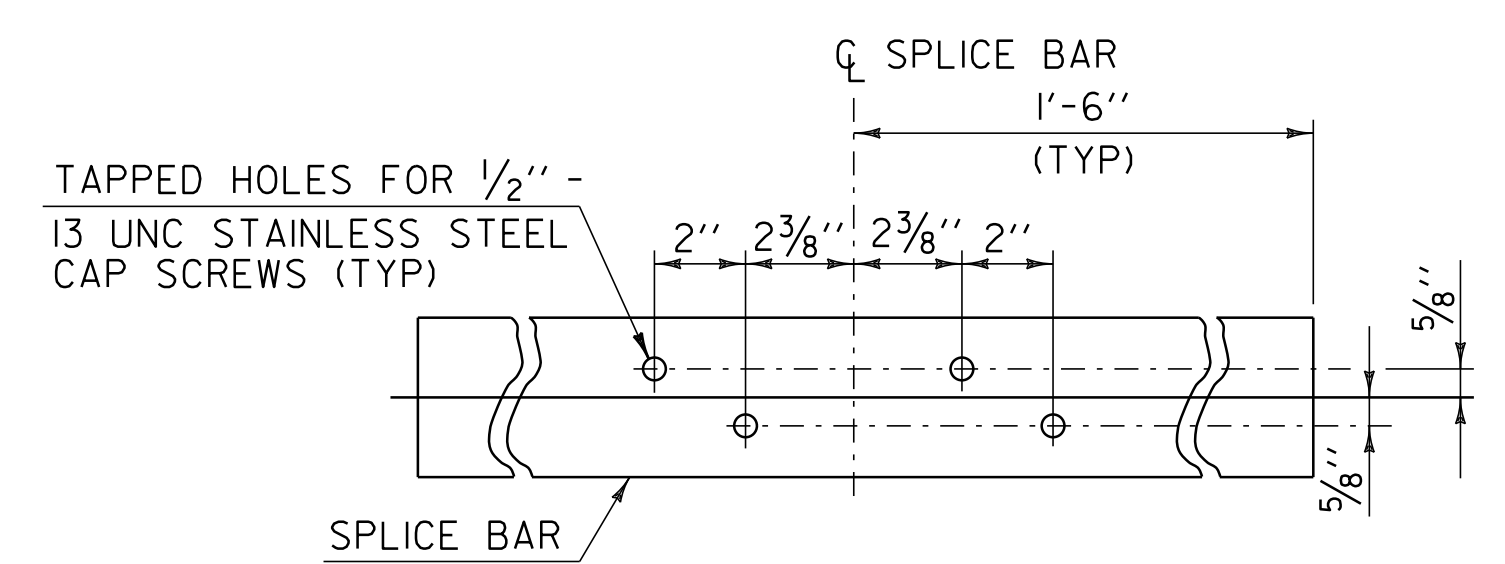
PLAN



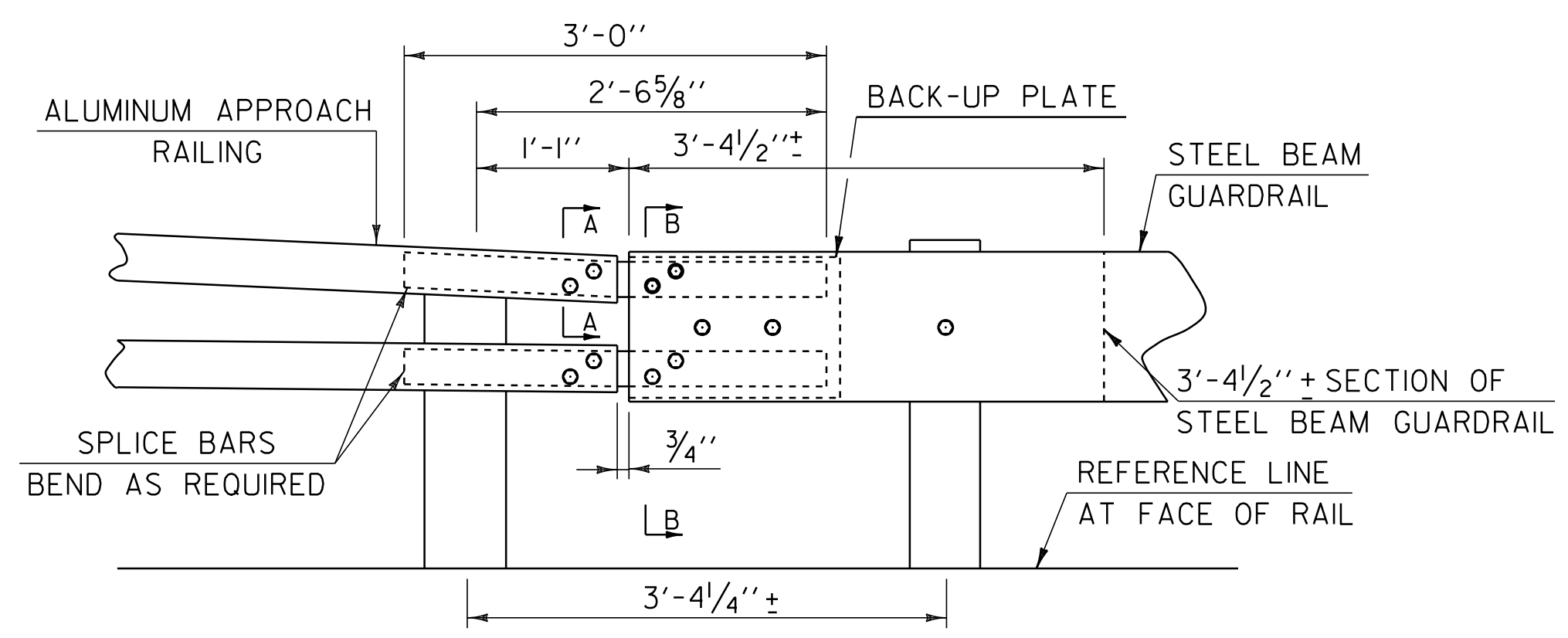
ELEVATION



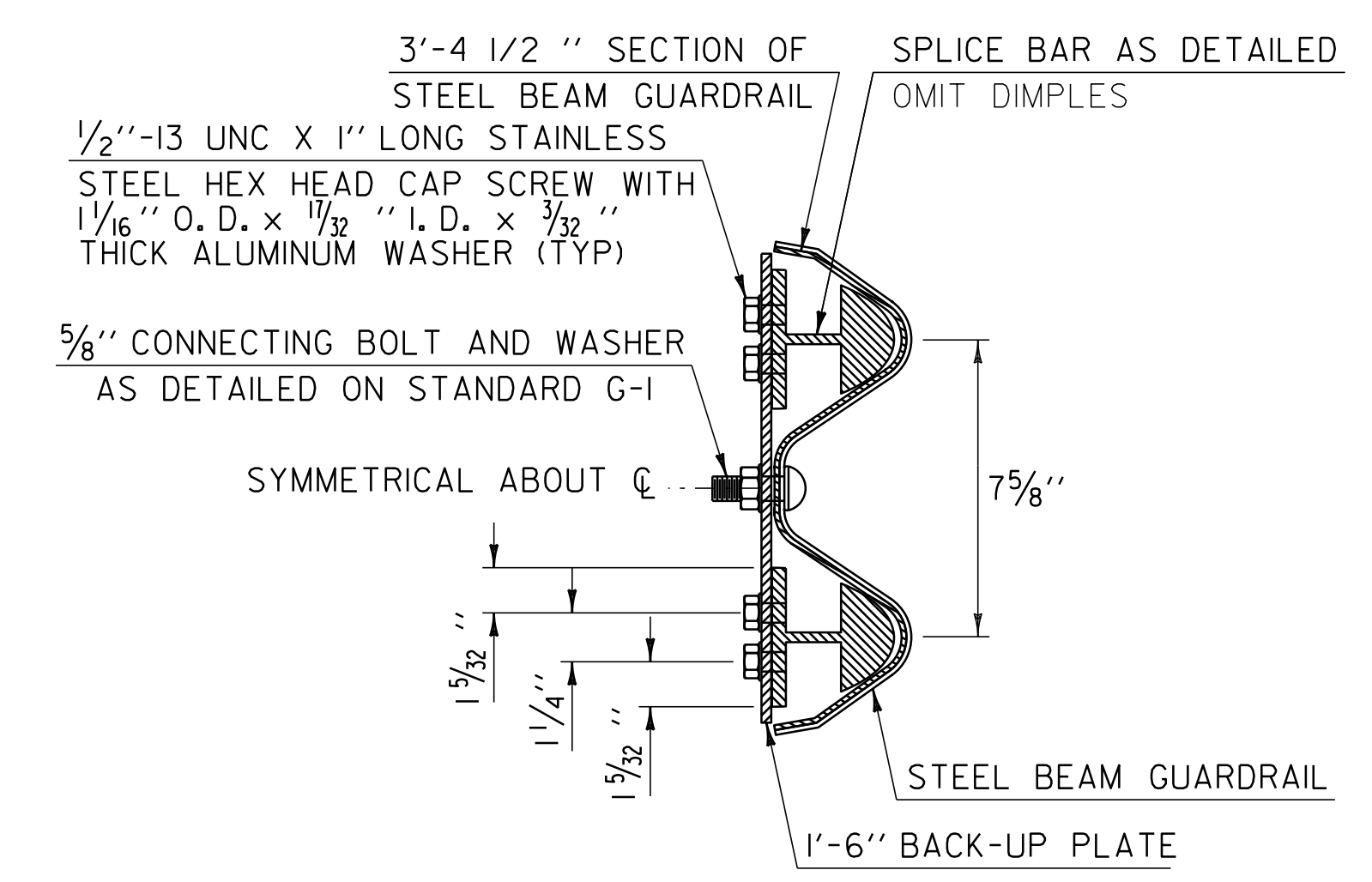
BARRIER RAIL SPLICE SECTION



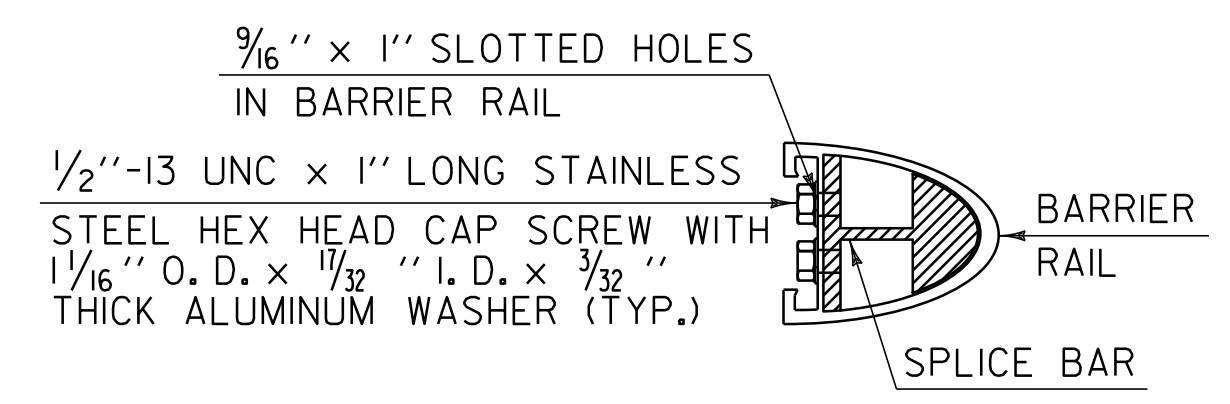
SPLICE BAR DETAIL (BACK SIDE VIEW)



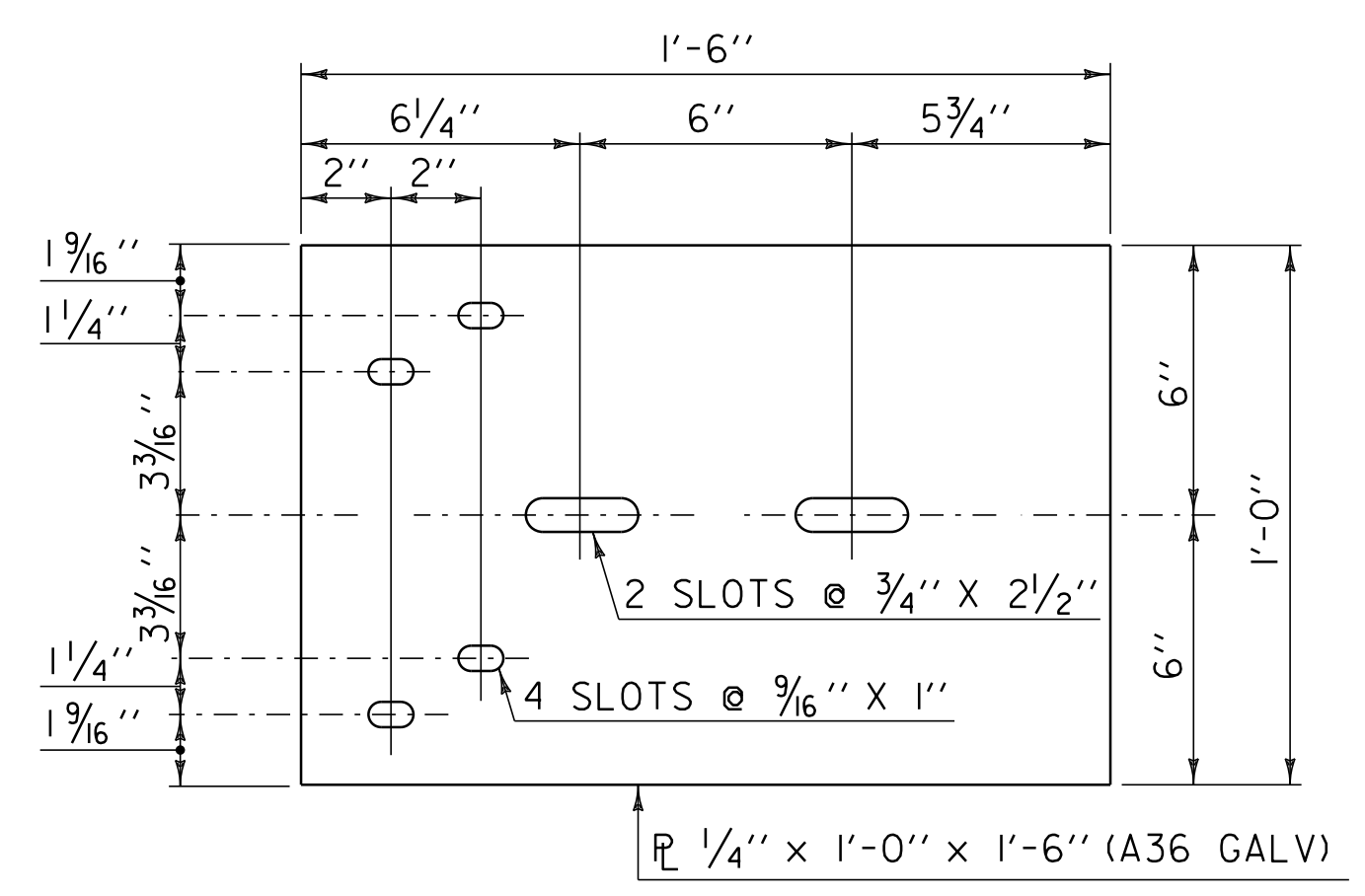
SPLICE DETAIL



SECTION B - B



SECTION A - A



BACK-UP PLATE DETAIL

NOT TO SCALE

ALUMINUM APPROACH RAILING CONNECTION DETAILS SHEET

PROJECT NAME: ARLINGTON	FILE NAME: OIC042.dgn	PLOT DATE: 20-FEB-2013 16:41
PROJECT NUMBER: STP 2334(1)	PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
	DESIGNED BY: M.J.M.	CHECKED BY: D.W.E.
	IPARM FILE: p0lc042aar1.i	SHEET 55 OF 143