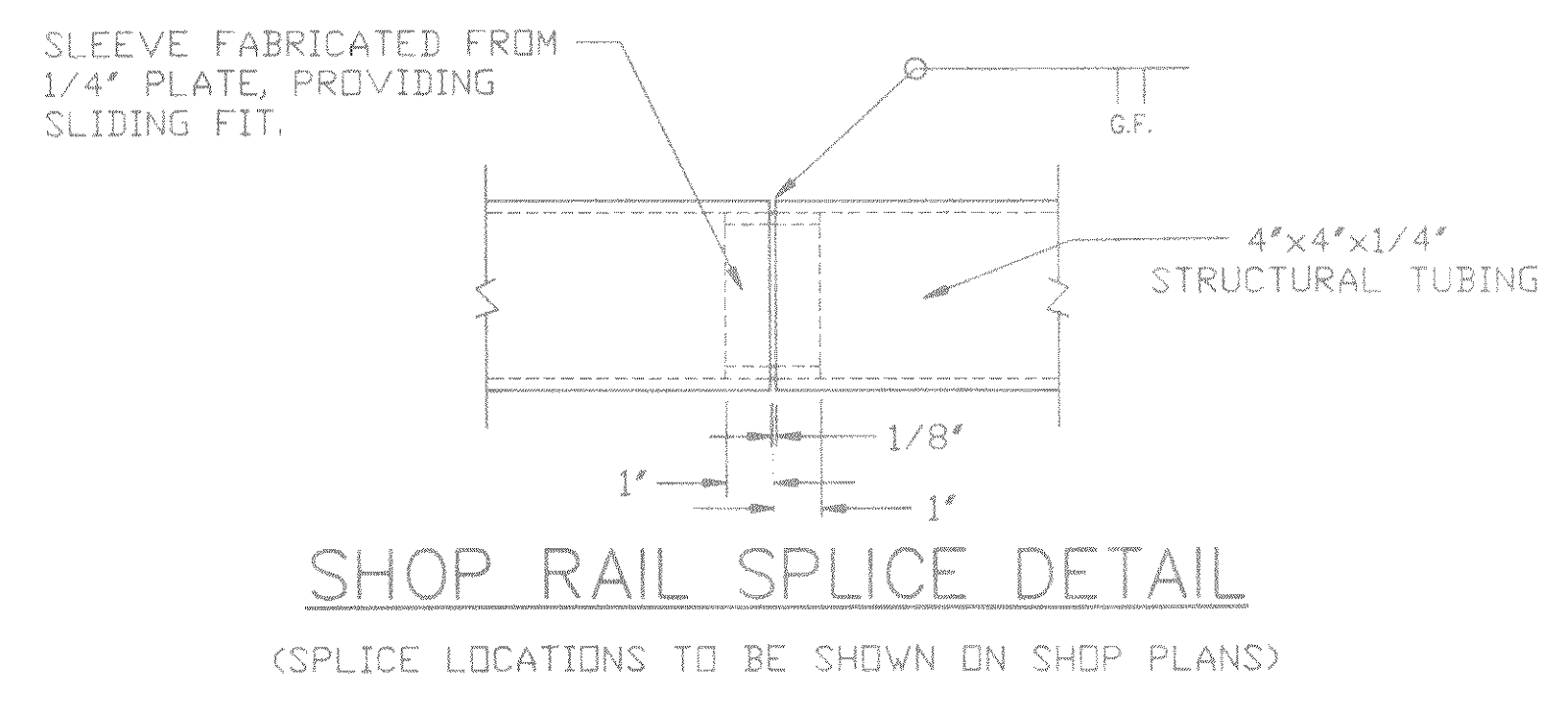
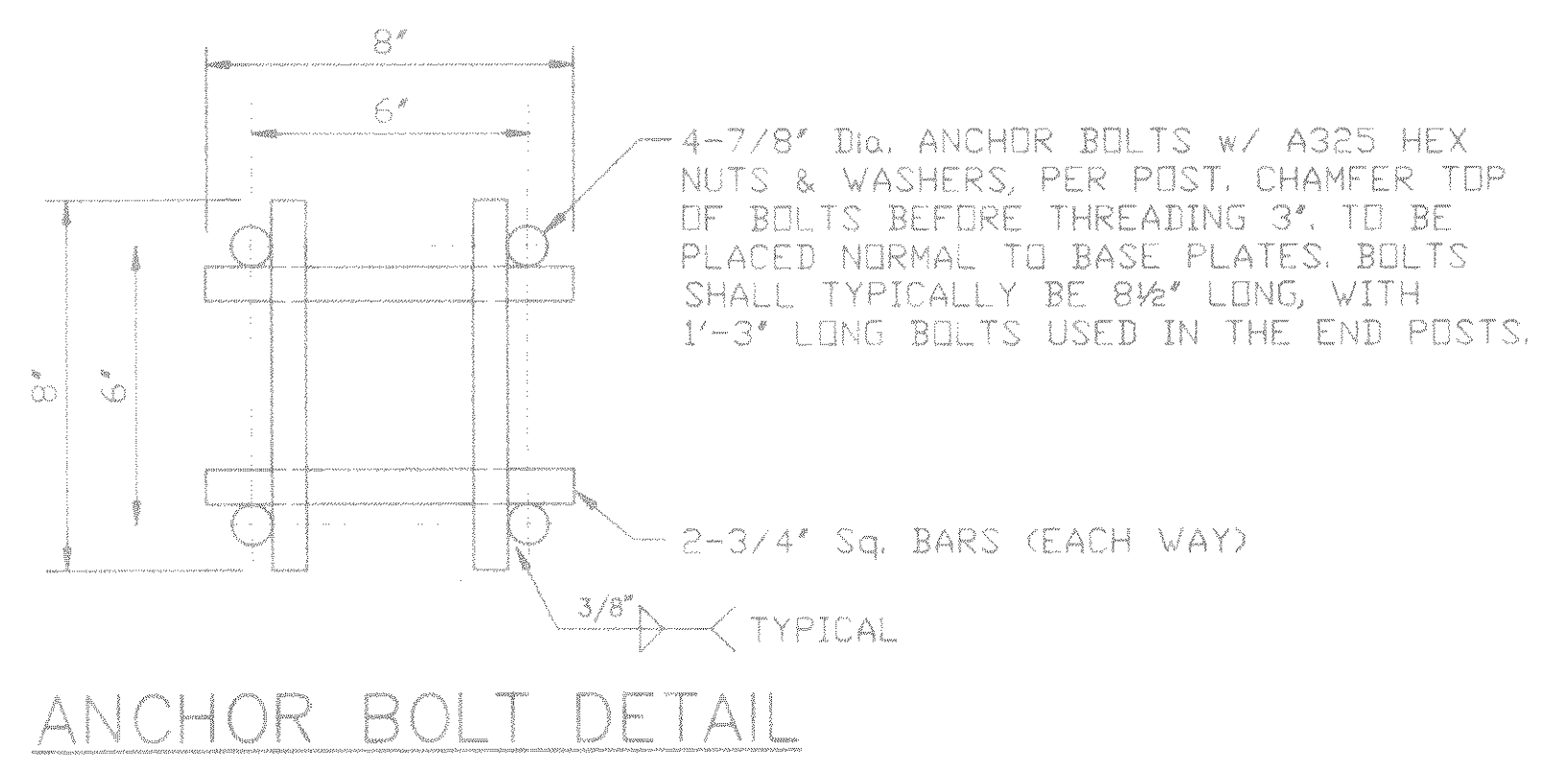


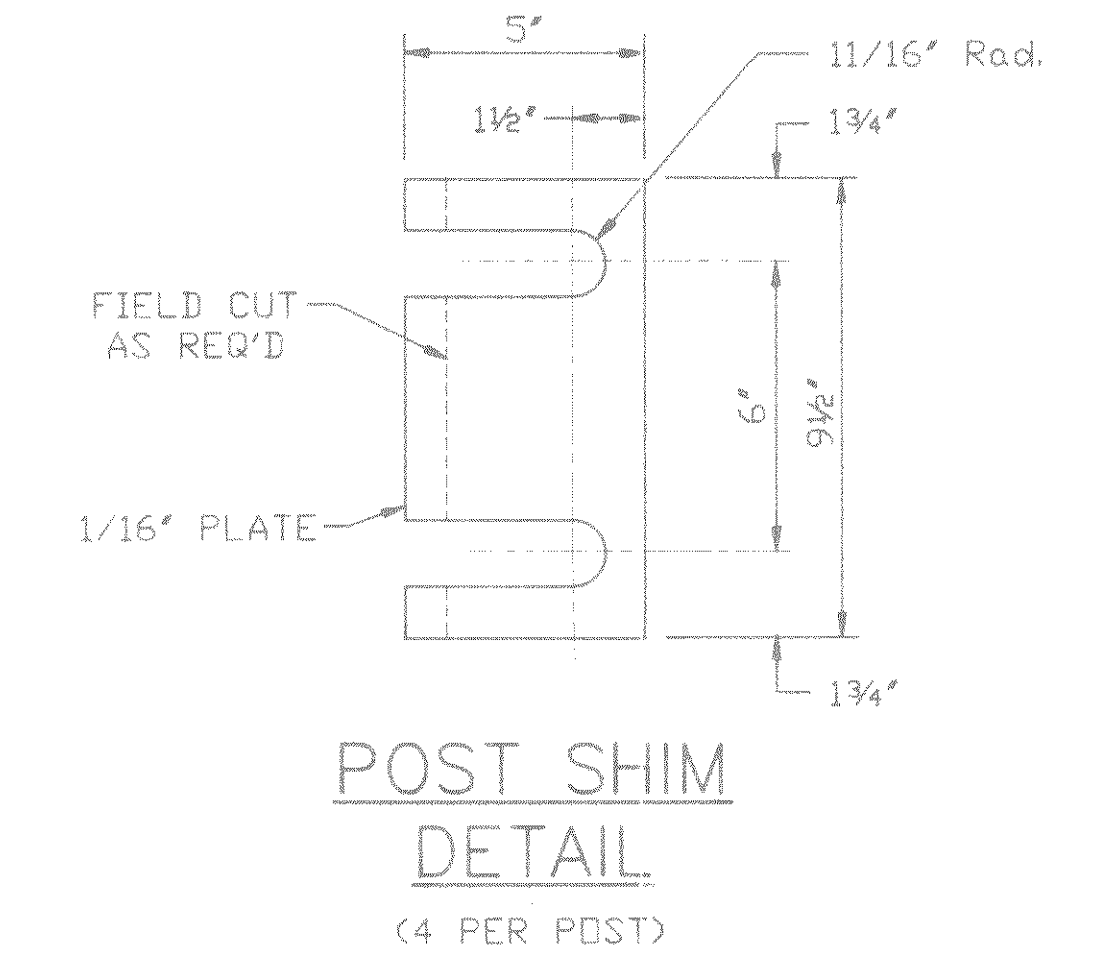
**FIELD RAIL SPlice DETAIL**  
 \* MIN. 5/8" FLAT SURFACE Dia. PUNCHINGS OR STUDS MAY BE USED AS AN ALTERNATE.



**SHOP RAIL SPlice DETAIL**  
 (SPlice LOCATIONS TO BE SHOWN ON SHOP PLANS)



**ANCHOR BOLT DETAIL**



**NOTES**

BID ITEM SHALL BE "TUBULAR RAILING, TYPE 'F', AND INCLUDES ALL ITEMS SHOWN.  
 RAILS SHALL BE MADE FROM MATERIAL CONFORMING TO A.S.T.M. DESIGNATION A500, GRADE A.  
 ALL PLATES, BARS AND SHAPES SHALL BE MADE FROM MATERIAL CONFORMING TO A.S.T.M. DESIGNATION A36.  
 ANCHOR BOLTS SHALL BE MADE FROM MATERIAL CONFORMING TO A.S.T.M. DESIGNATION A449, OR MATERIAL OF EQUAL YIELD STRENGTH AND ELONGATION. (MIN. YIELD OF 92 KSI, MIN. ELONGATION OF 14%)  
 RAILING SHALL BE FABRICATED IN 2 OR 3 PANEL LENGTHS. ALL MEMBERS, INCLUDING THE UPPER 4" OF THE ANCHOR BOLTS, SHALL BE GALVANIZED AFTER FABRICATION.  
 PRIOR TO GALVANIZING, ALL STEEL RAILING SHALL BE GIVEN A NO. 6 COMMERCIAL BLAST CLEANING BY S.S.P.C. SPECIFICATIONS.  
 BLAST CLEANING IS NOT REQUIRED FOR COLD FORMED TUBING EXCEPT TO REMOVE WELDING SLAG AND IMPURIOUS SUBSTANCES.  
 BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP, AND ALL EDGES SHALL BE SMOOTH, STRAIGHT AND VERTICAL.  
 ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.  
 STEEL POST SHIMS SHALL BE USED UNDER POSTS WHERE REQUIRED FOR ALIGNMENT.  
 FILL BOLT SLOT OPENINGS IN POST SHIMS AND BASE PLATES WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.  
 WELD WITH E70 ELECTRODES.

No.	Date	Revision	By
<b>BECHER-HOPPE Inc.</b> ENGINEERS, ARCHITECTS, PLANNERS 330 Fourth Street Wausau, WI. 54402			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
<b>STRUCTURE B-35-104</b>			
Const. Spec.:	WI. 1989	Drawn By:	DKG
		Plans Checked:	
<b>TUBULAR RAILING</b> TYPE 'F'			SHEET 7 of 7 <b>X82697</b>

S-RAIL.DWG