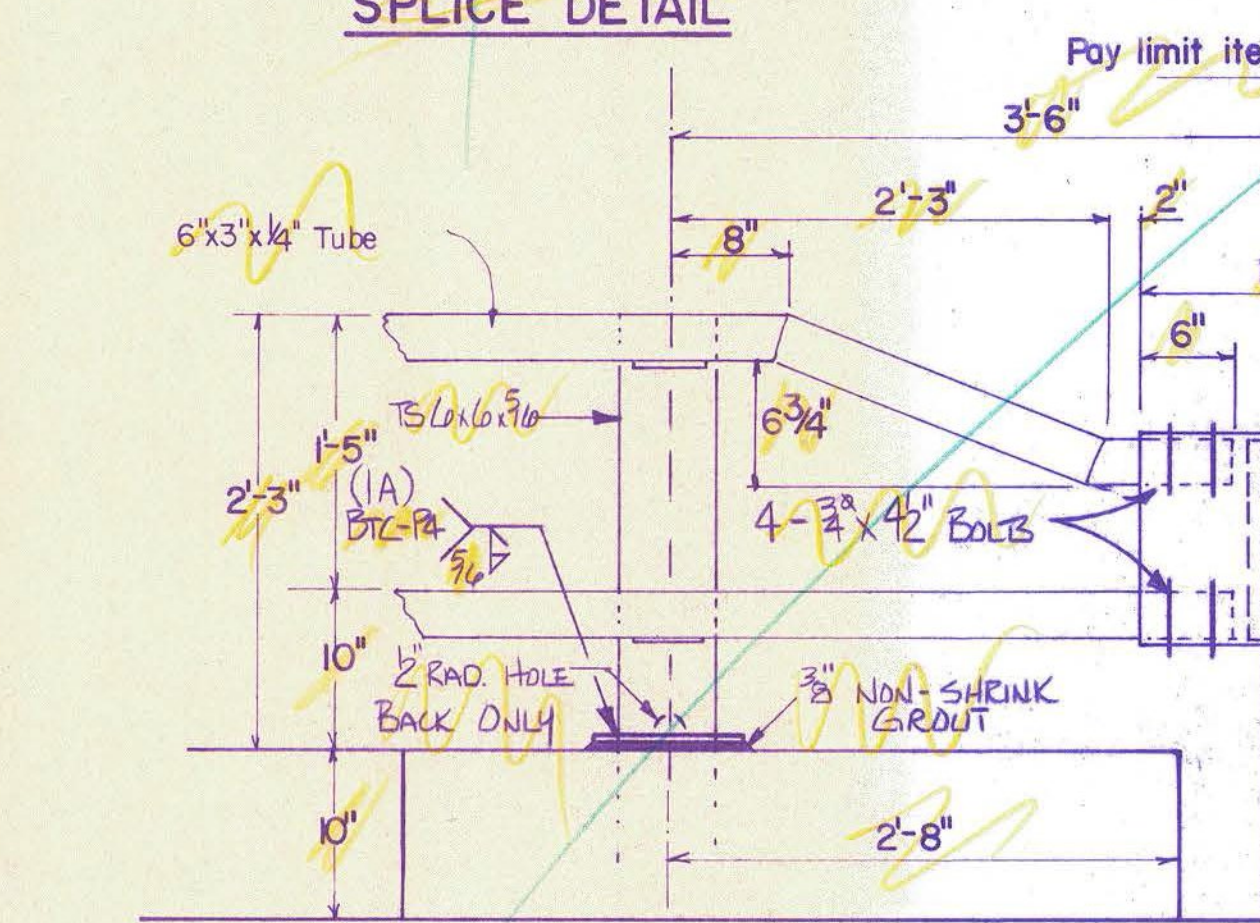
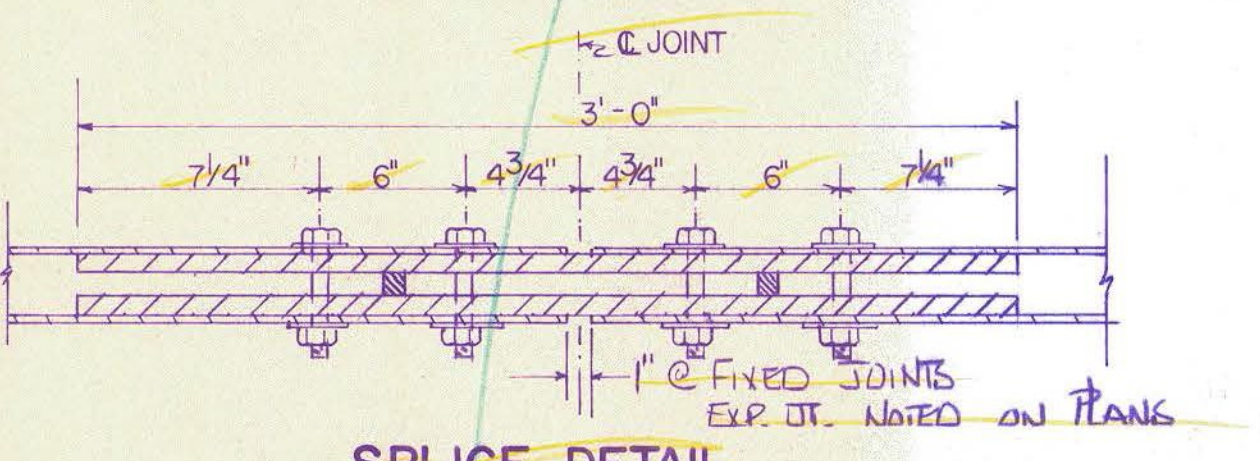
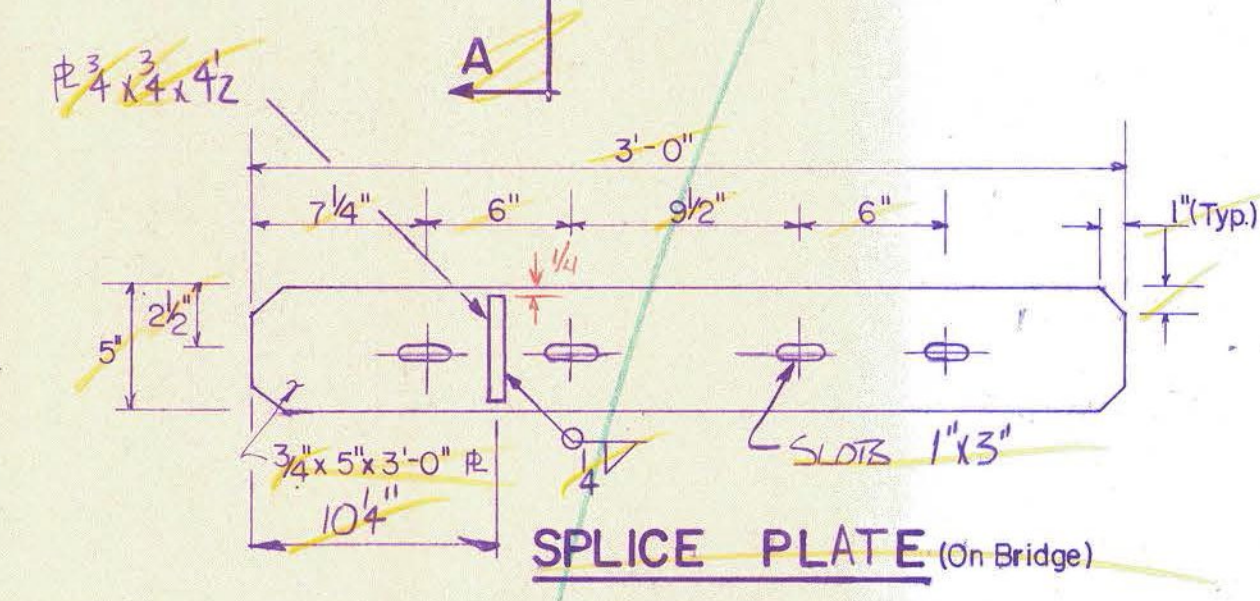
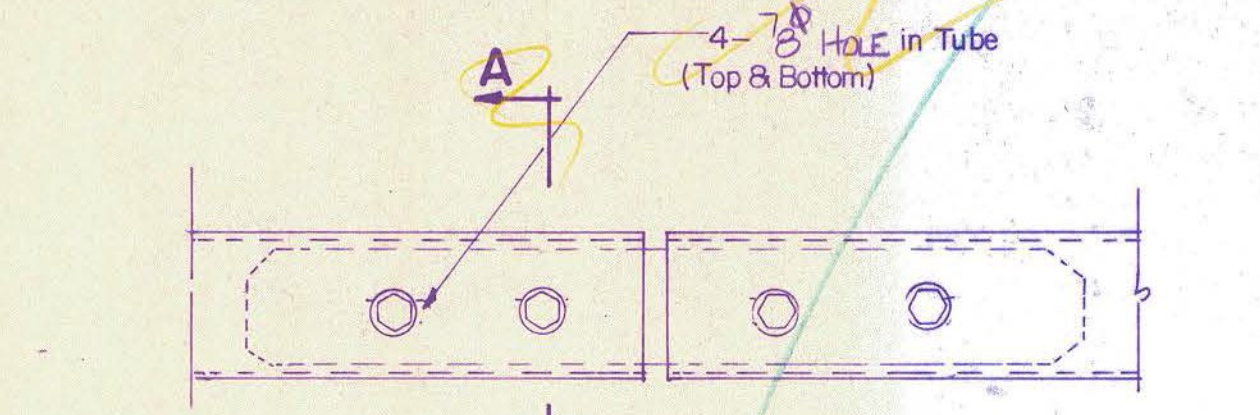
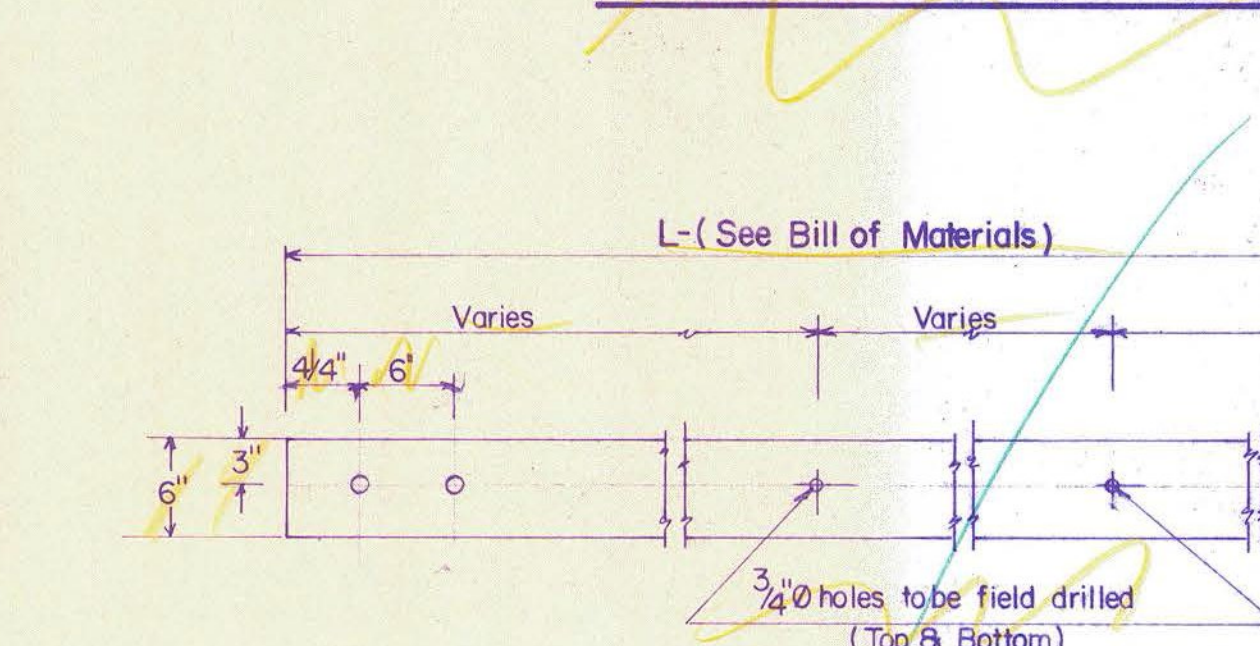


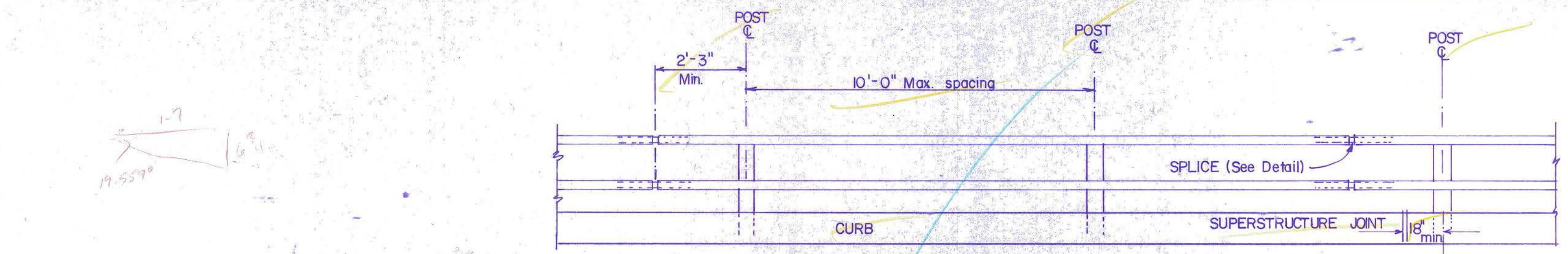
SECTION A-A



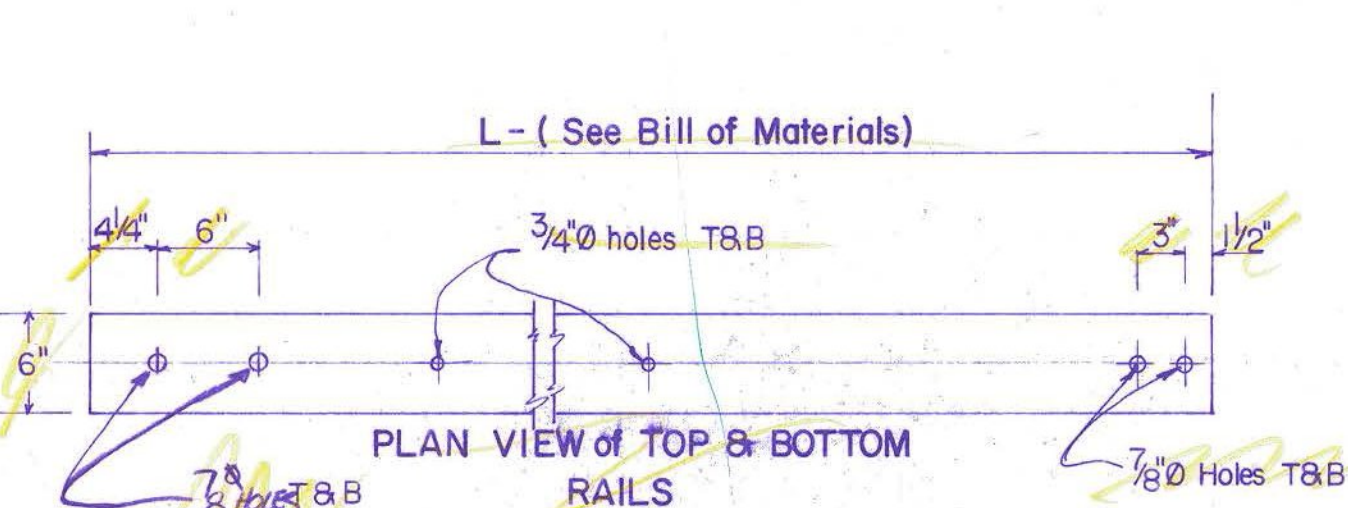
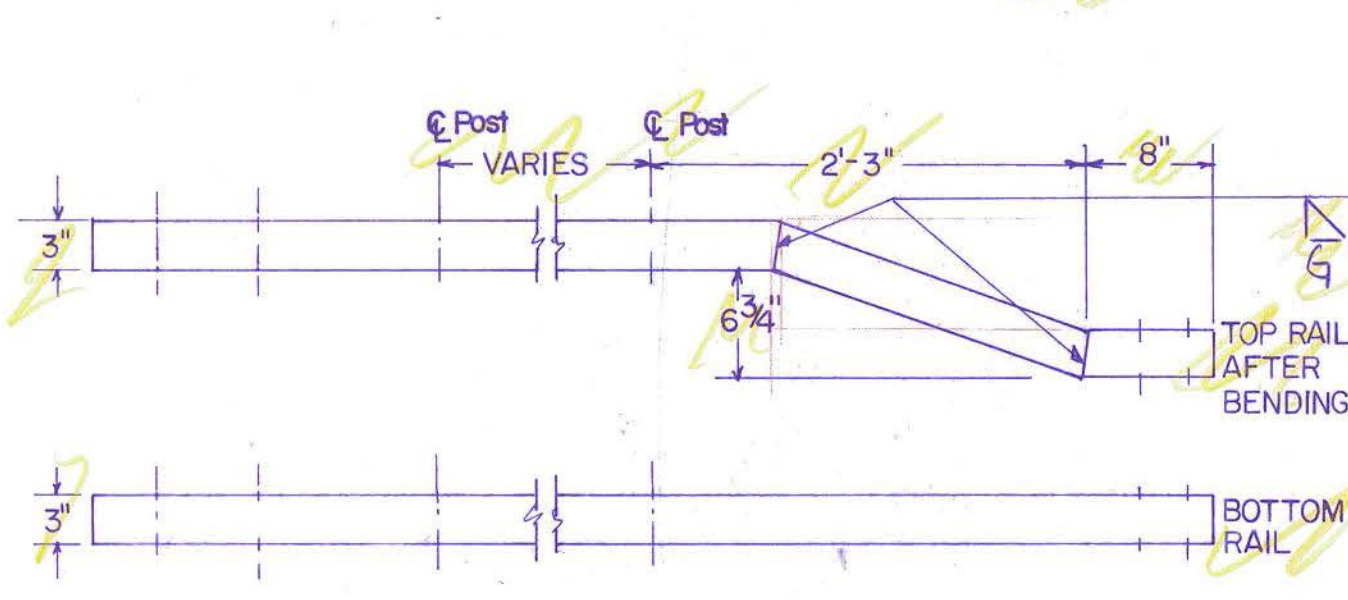
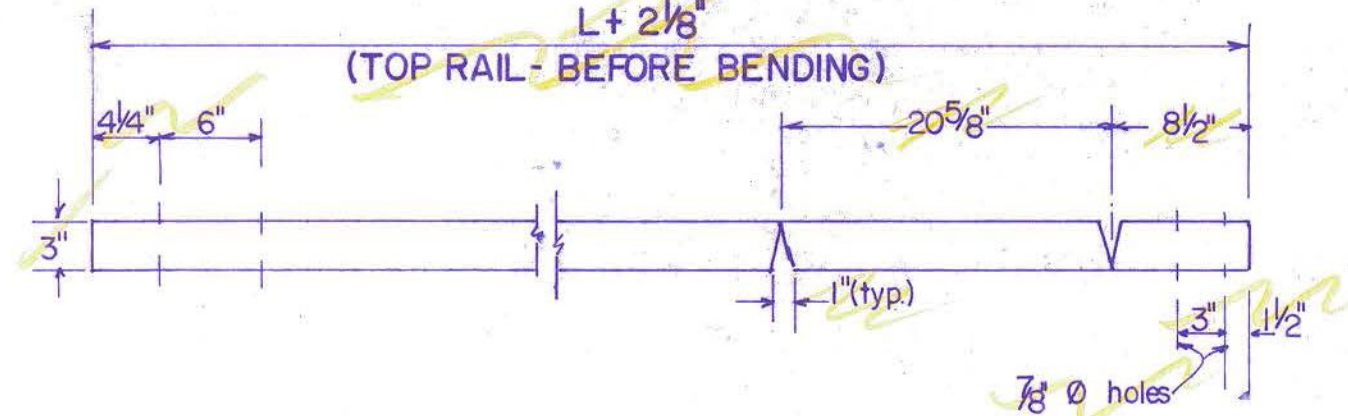
ELEVATION-END OF RAILING



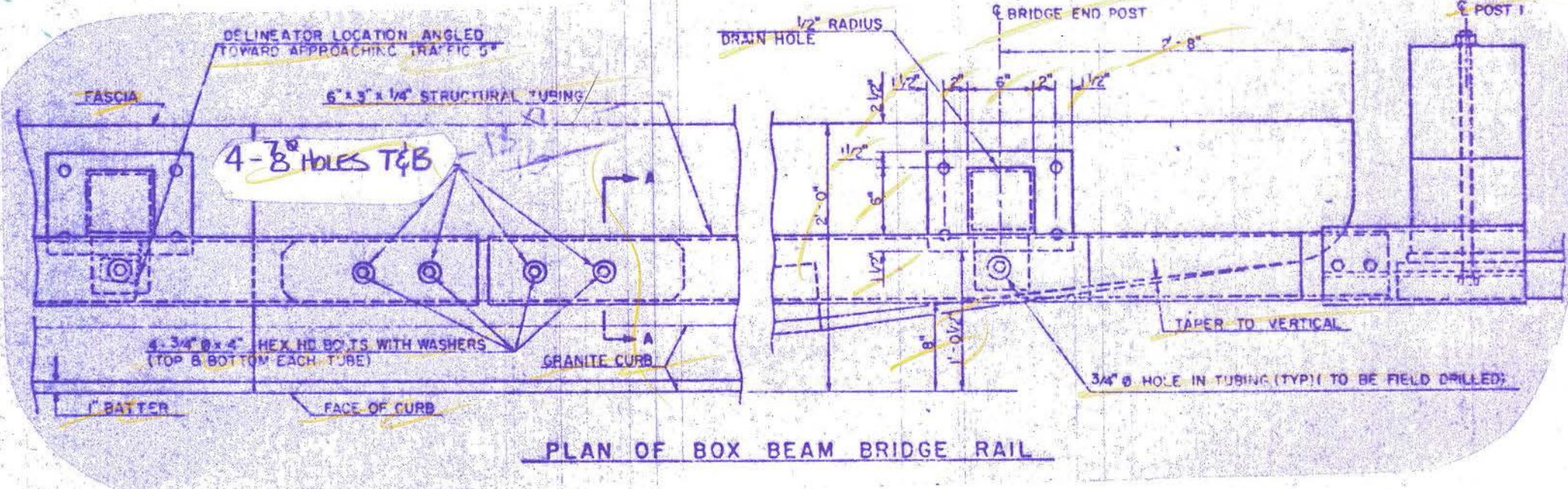
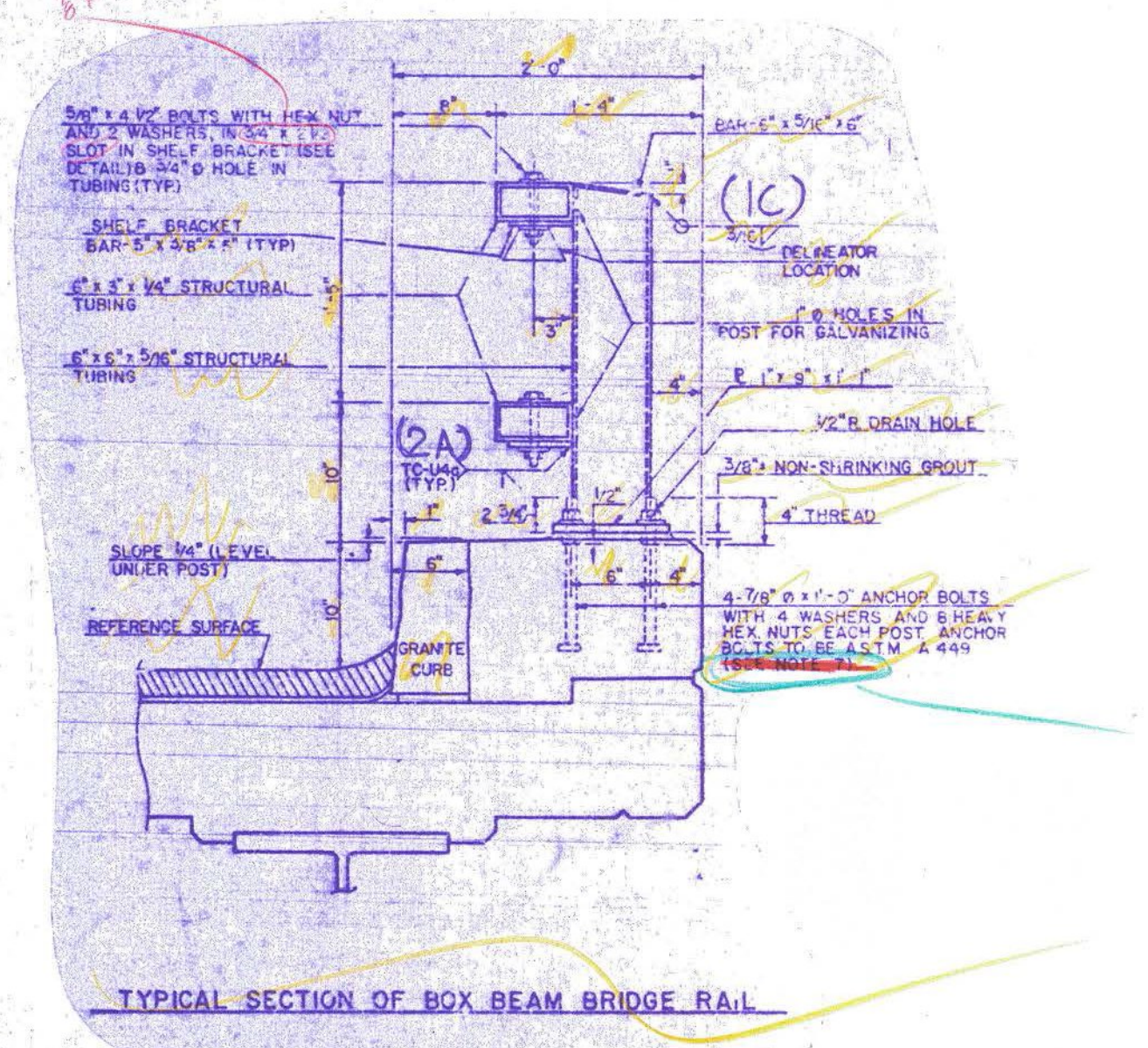
LINE RAIL LAYOUT



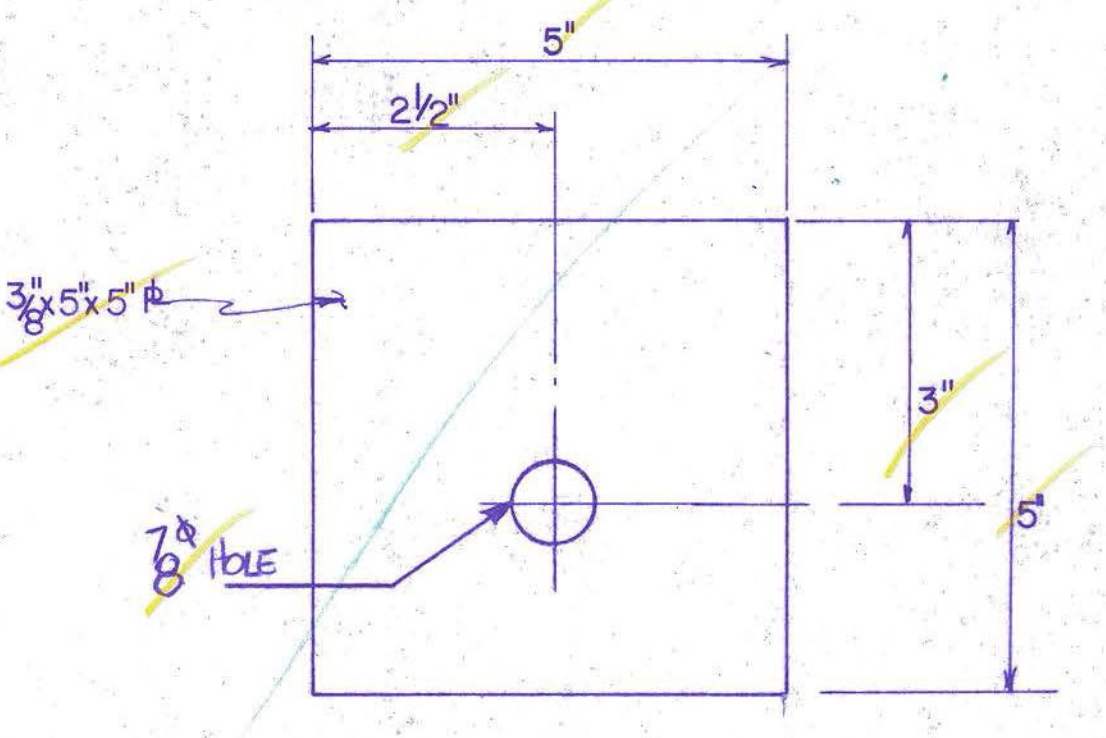
ELEVATION



6"x3"x1/4" END SECT RAIL LAYOUT



RECEIVED JUL 16 1985  
 CK'D BY GSK OK'D BY \_\_\_\_\_  
 RESUBMIT APPROVED \_\_\_\_\_  
 BY DATE 7/18/85



SHELF BRACKET DETAIL

- Railing is designed in accordance with 1981 A.A.S.H.T.O. SPECS. and its latest revisions.
- All plates, angles & shapes shall be ASTM A-36 steel, All bolts shall be ASTM A-307 STEEL unless noted. All hollow structural tubing shall be cold-formed steel tubing conforming to A.S.T.M. A-500 gr B.
- All components of the railing system shall be galvanized in accordance with A.S.T.M. A-123 / A-153.
- The railing system shall be continuous, with each rail spanning a minimum of two posts. All joints shall be spliced as detailed, with top and bottom railing splices located in the same panels.
- Anchor bolts are to be preset in concrete (By Others)
- Railing is to be paid for per linear foot, and the cost shall include all material necessary to erect complete railing.
- Complete splice include all bolts and washers to be furnished.
- Railing joint splices shall be located at all superstructure joints the bridge railing joint opening shall be a minimum of 1'.
- WELDING shall be performed in accordance with the 1985 AWS Structural Welding Code, and O.W.HUBBELL approved welding procedures. WELD IDENTIFICATION (1A, 1C, 2A, 3) SEE ATTACHED SHEETS FOR PROCEDURES

DRAWING DETAILS?

DRAWN BY: MR	DATE: 7-10-85	CHECKED BY: MZ	SHEET NO. 4 OF 4
2-RAIL BOX BEAM BRIDGE RAIL DETAILS US RTE 4 OVER DORR DR. & OTER CREEK TOWNS OF RUTLAND & WEST RUTLAND STATE OF VERMONT PROJECT # F-EGL-F-020-1 (10) GENERAL CONTRACTOR MASKELL BROTHERS FENCE CO. FABRICATOR O.W. HUBBELL & SONS INC.			
			DS6227