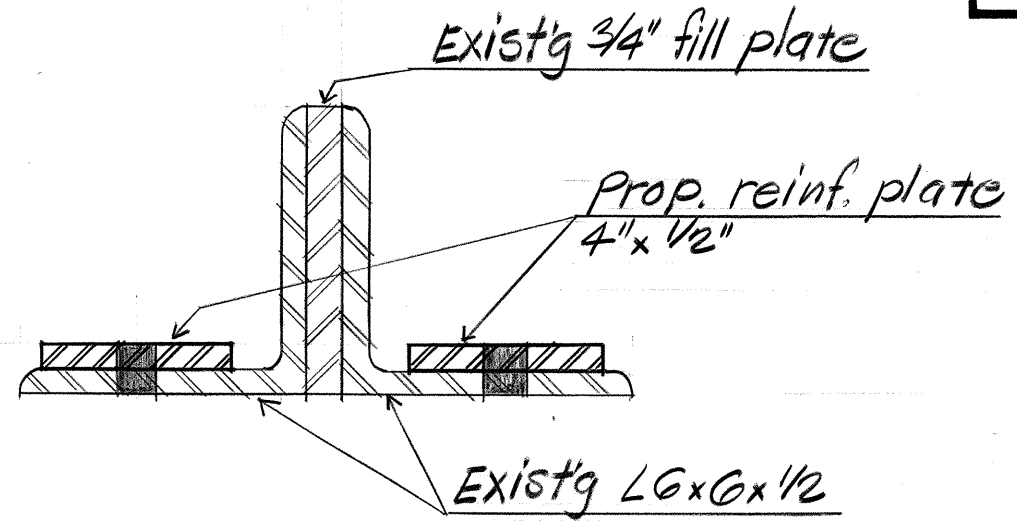
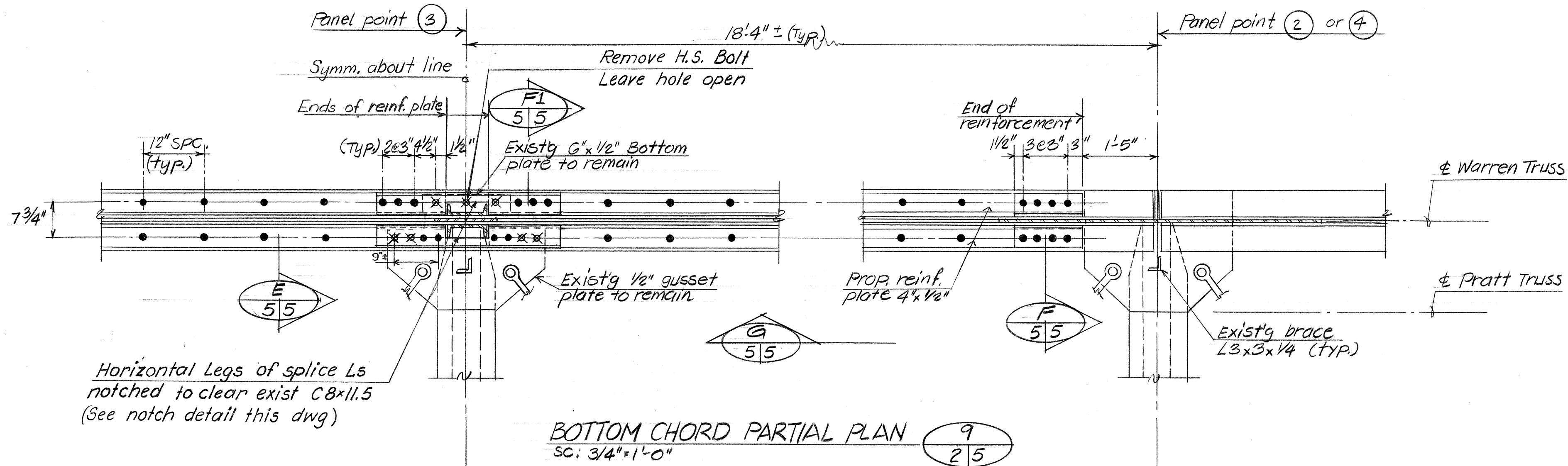
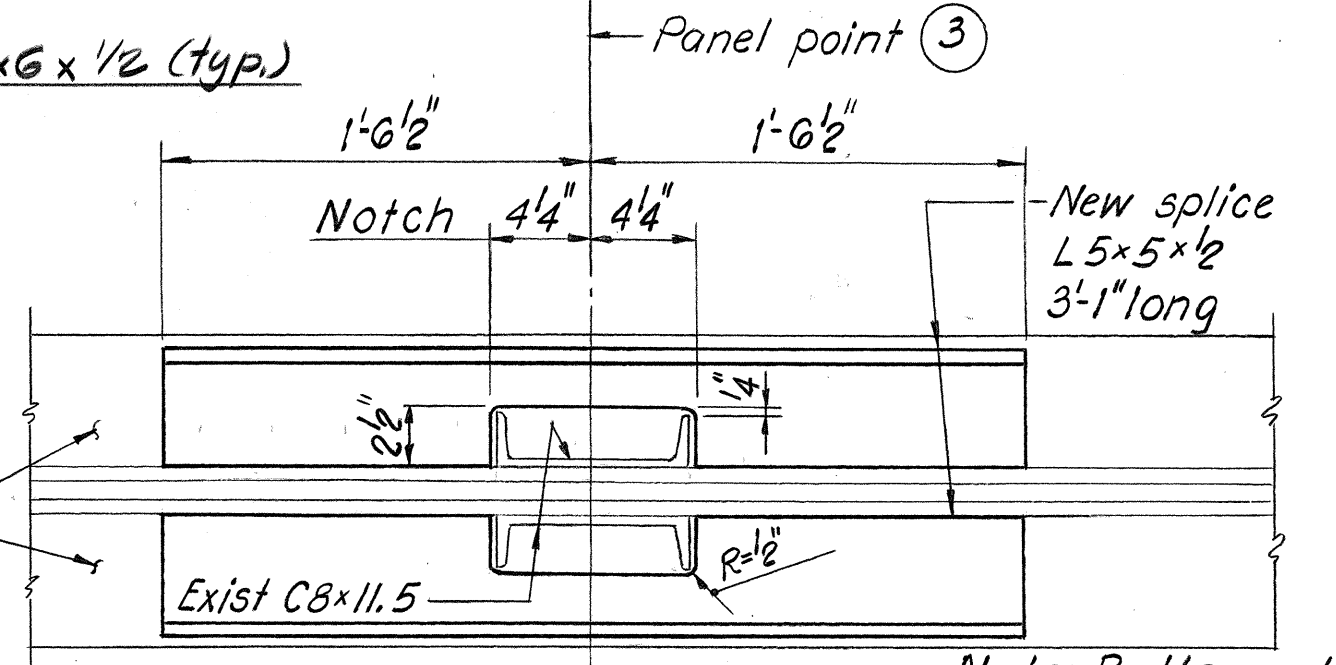
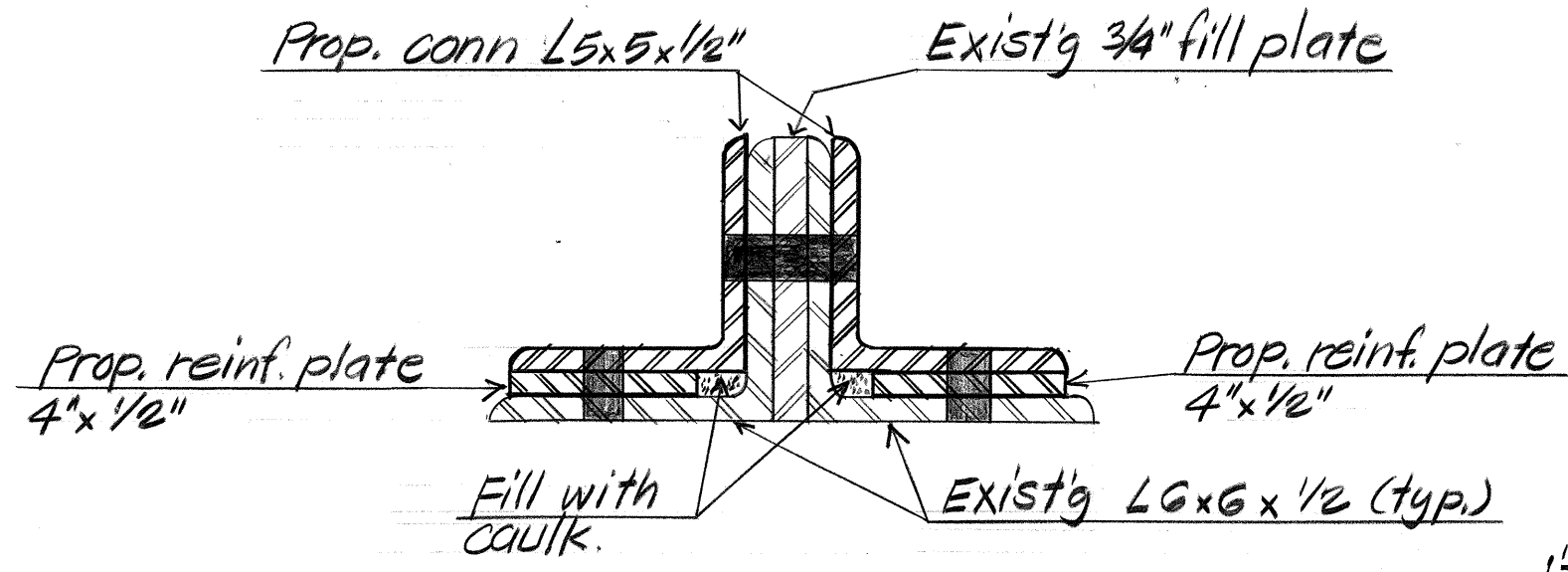
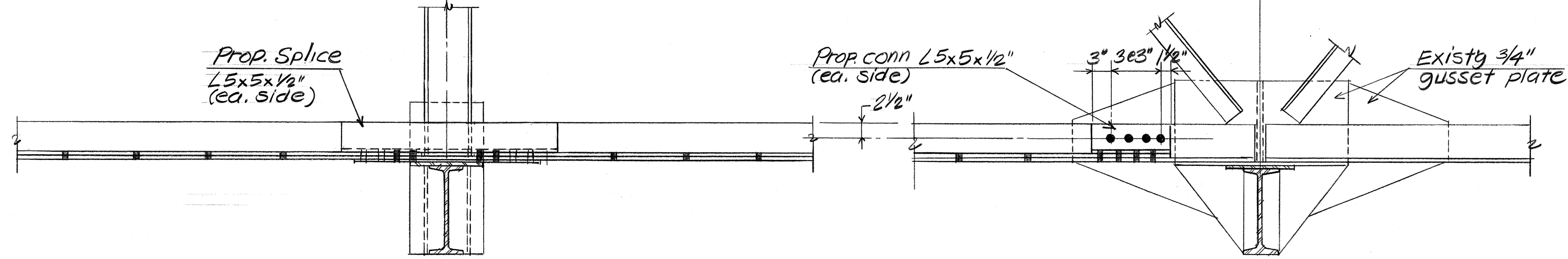


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-87M	1988	6	9

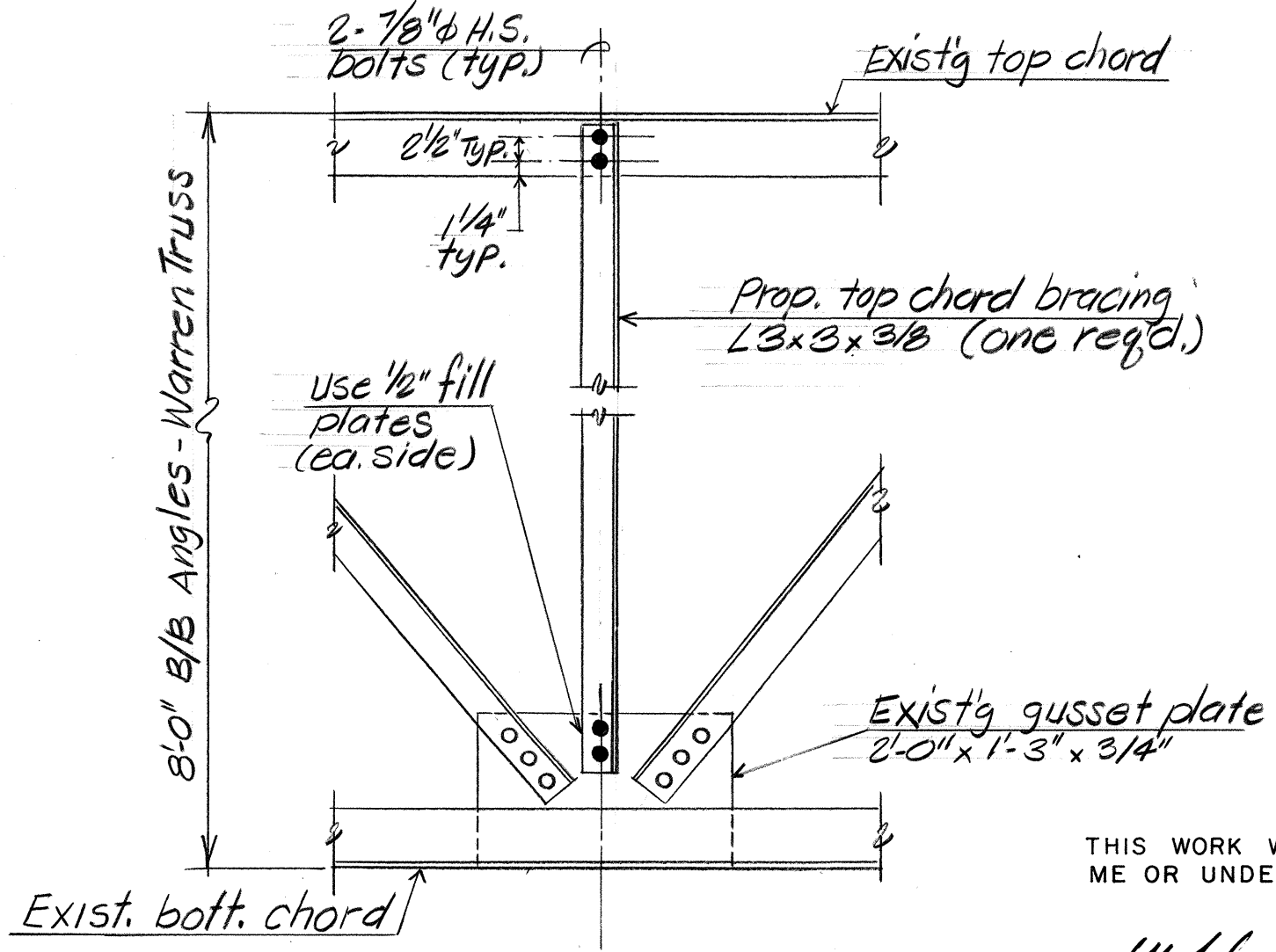
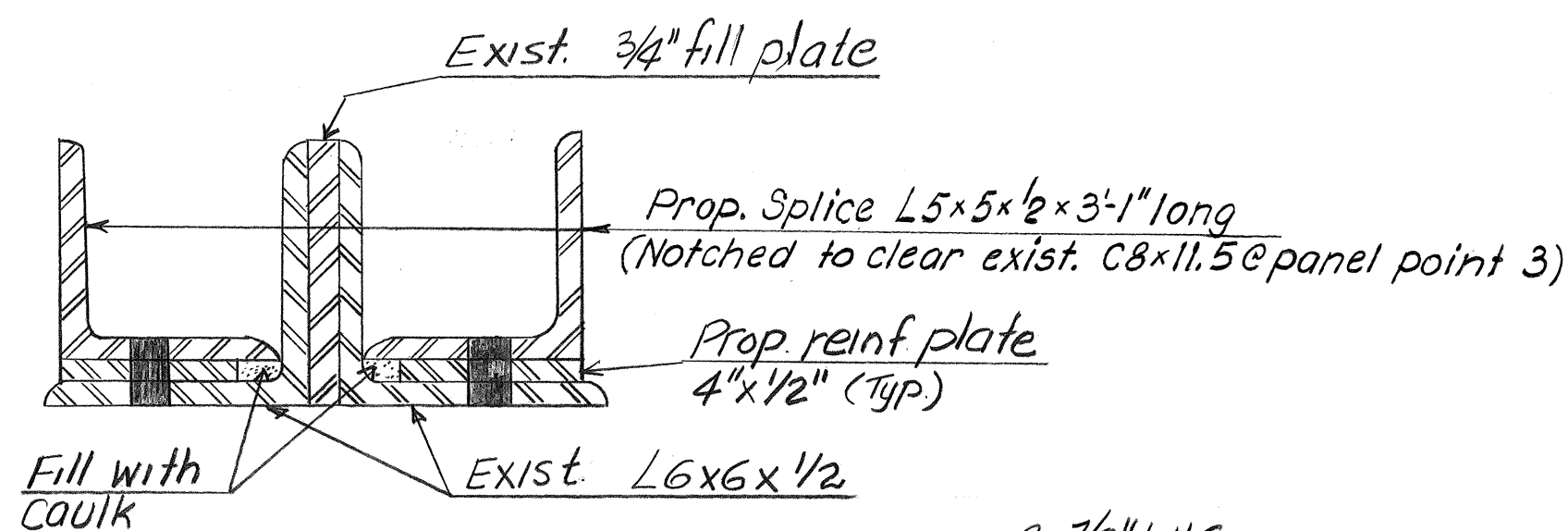
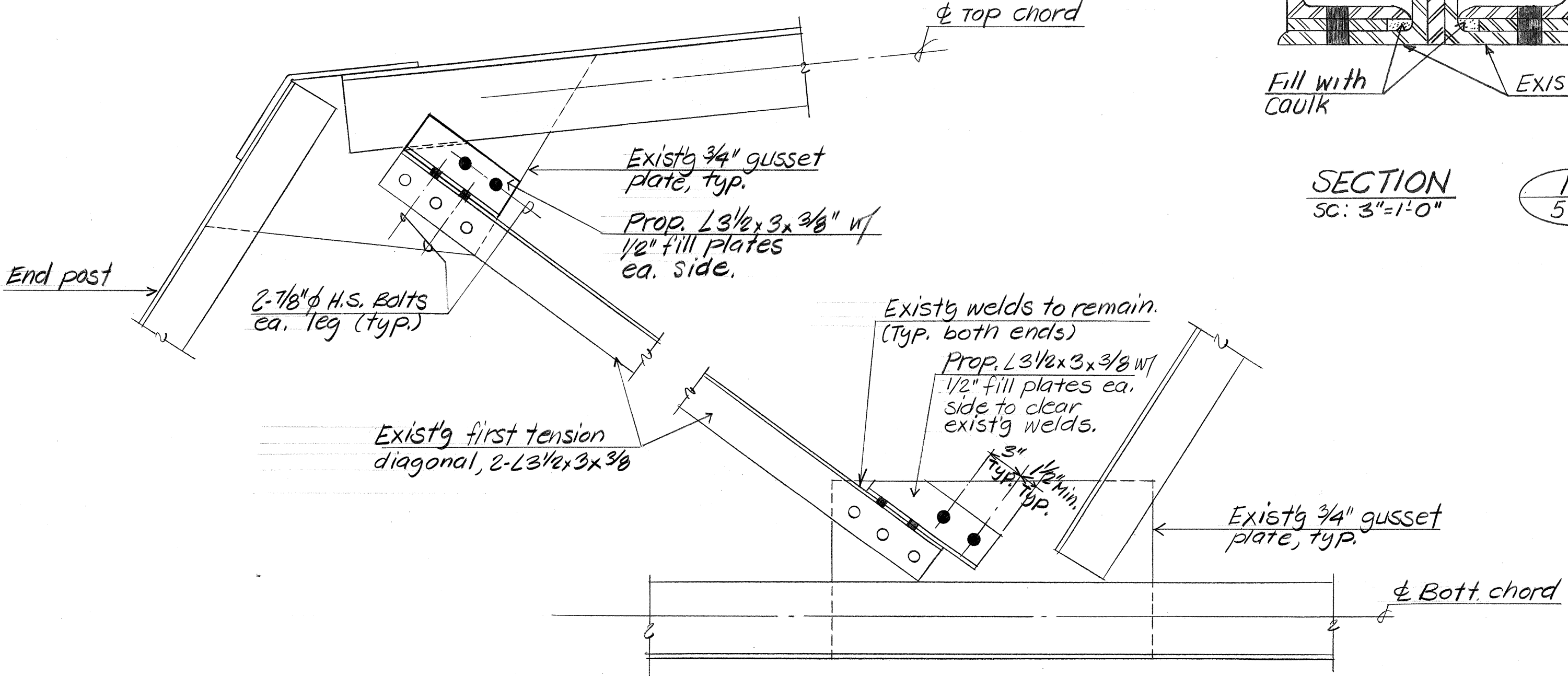


SECTION E
SC: 3/4"=1'-0"
(TYPICAL BOTTOM CHORD REINFORCEMENT)



Note: Bolts and reinf. R's not shown.

- LEGEND**
- New 7/8"φ, A325 bolt in new hole.
 - Existg H.S. bolt to remain.
 - ✕ Existg 7/8"φ H.S. bolt to be removed and replaced with new 7/8"φ, A325 bolt connecting new steel to old steel. New holes to be drilled in new steel.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

M. G. Lichtenstein
ABBA G. LICHTENSTEIN, P.E.
HAWAII LICENSE NO. 6112

A.G. LICHTENSTEIN & ASSOC. INC.
CONSULTING ENGINEERS
FAIR LAWN, NEW JERSEY
HONOLULU, HAWAII

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KUHIO HIGHWAY
REHABILITATION OF THE HANALEI BRIDGE
STRENGTHENING OF WARREN TRUSSES BOTTOM CHORD
PROJECT NO. 56D-01-87M
SCALE: AS SHOWN DATE: MAY, 1988
SHEET NO. 5 OF 8 SHEETS

ORIGINAL PLAN	DATE
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	