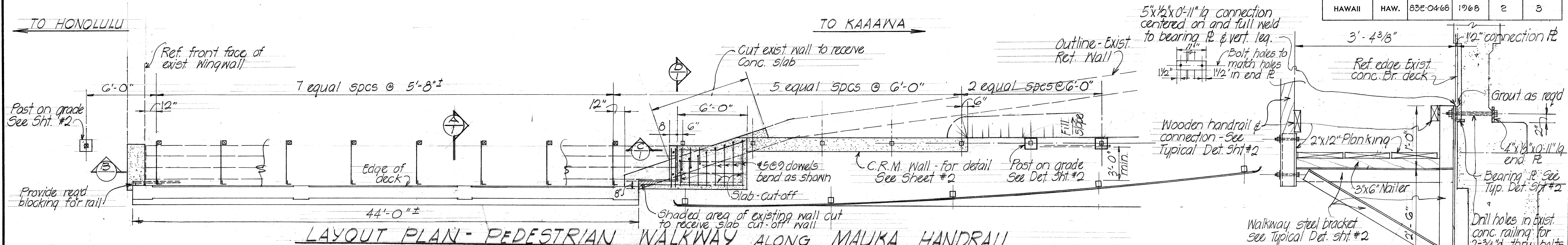
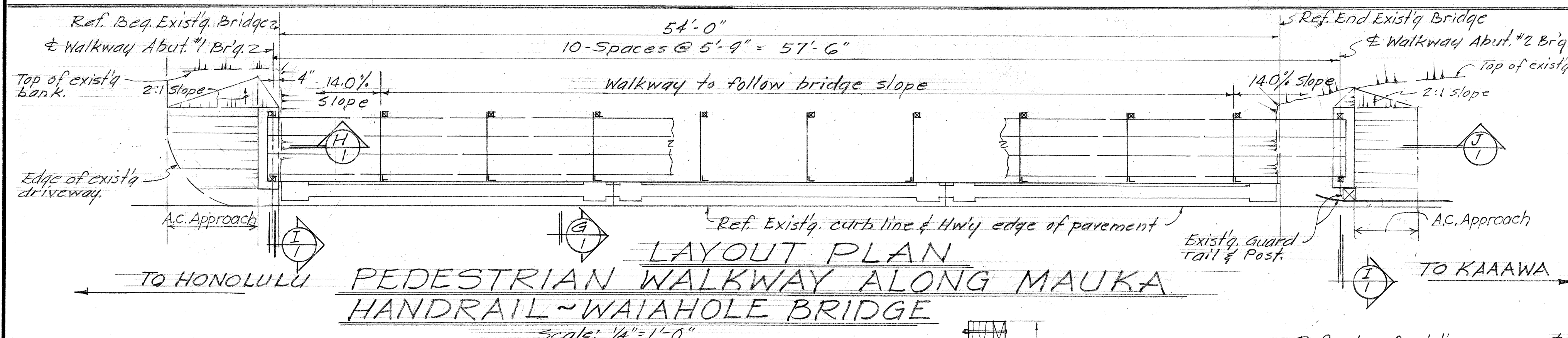
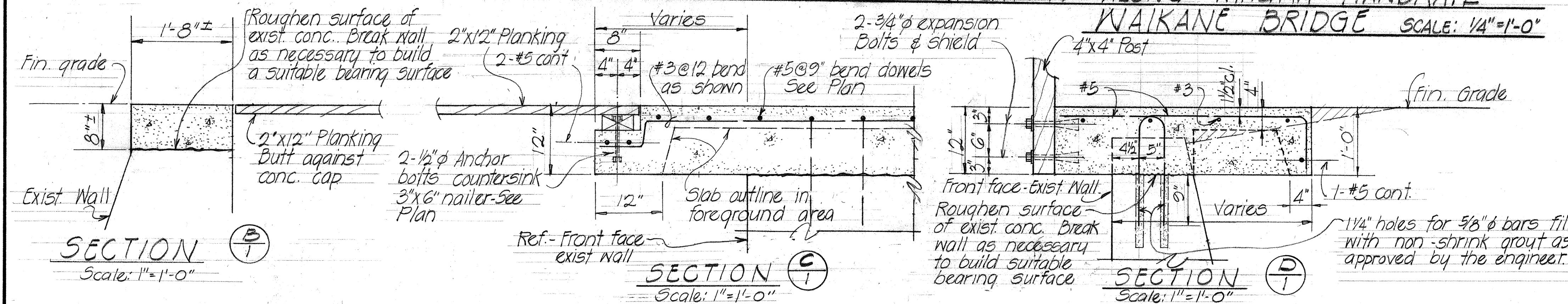


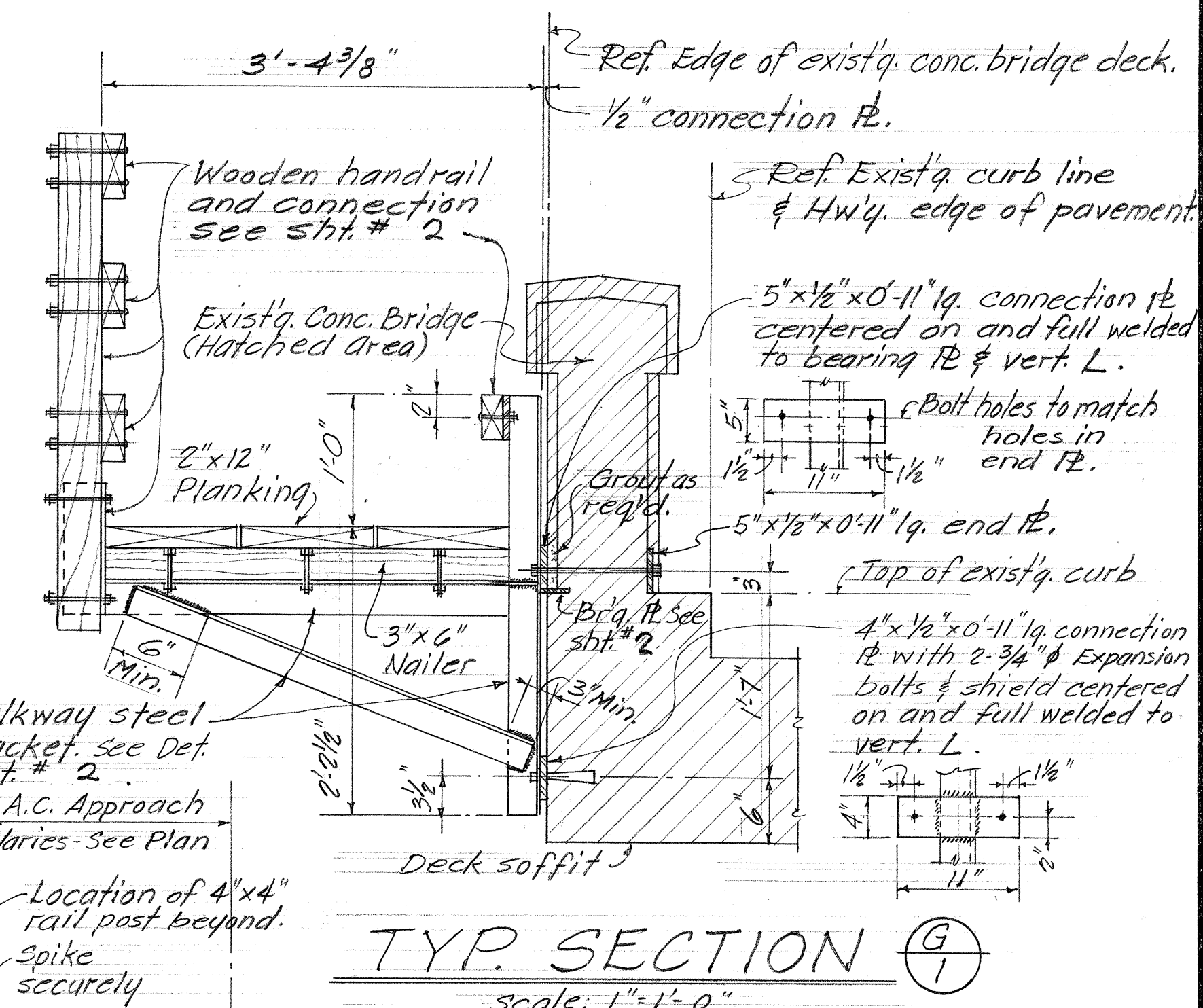
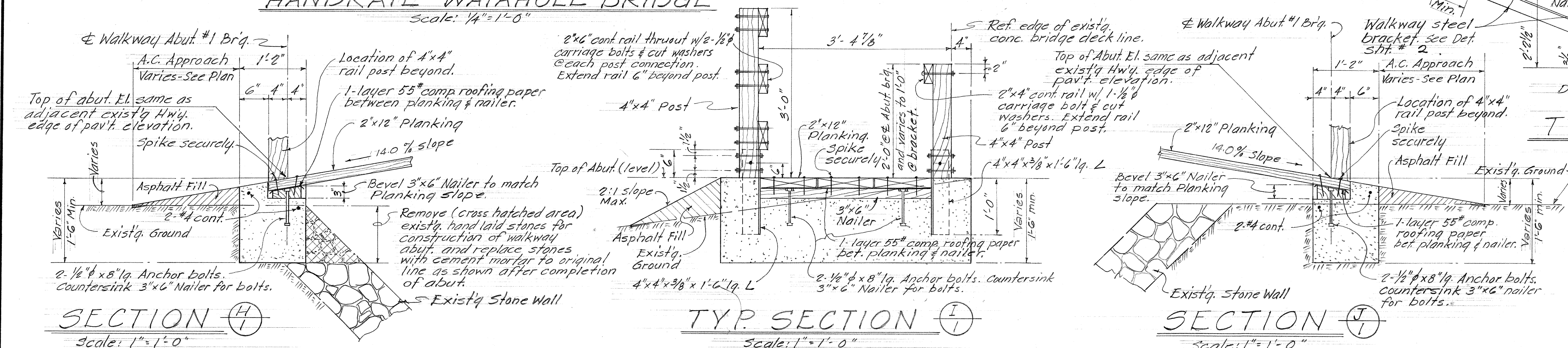
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-04-68	1968	2	3



LAYOUT PLAN - PEDESTRIAN WALKWAY ALONG MAUKA HANDRAIL
WAIKANE BRIDGE SCALE: 1/4"=1'-0"



LAYOUT PLAN PEDESTRIAN WALKWAY ALONG MAUKA HANDRAIL - WAIHOLE BRIDGE
Scale: 1/4"=1'-0"

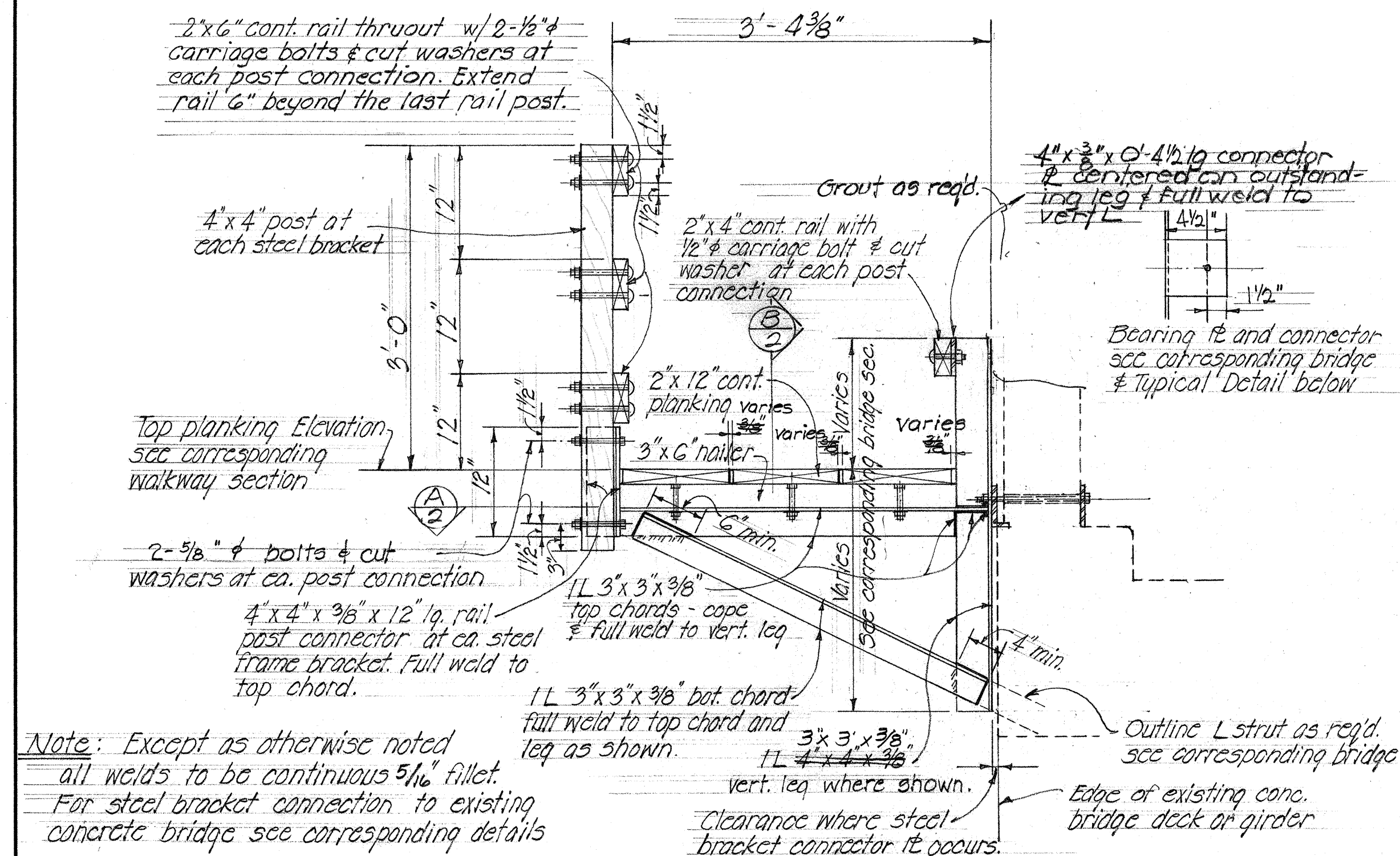


TYP. SECTION G
Scale: 1"=1'-0"

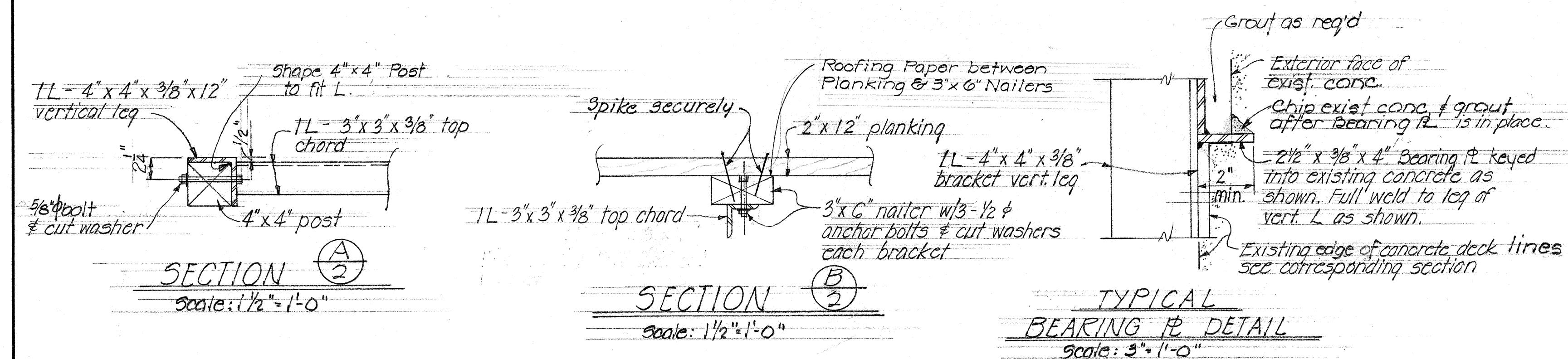
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
BRIDGE WALK FOR WAIHOLE & WAIKANE BRIDGE	
Proj. No. 83E-04-68	Feb. 1968
SHEET No. 1 OF 2 SHEETS	

DATE	DESIGNED BY	CHECKED BY
NOV 1967	W. J. HARRIS	W. J. HARRIS
ORIGINAL PLAN	TRACED BY	NO. 1
NO. 1	NO. 1	NO. 1

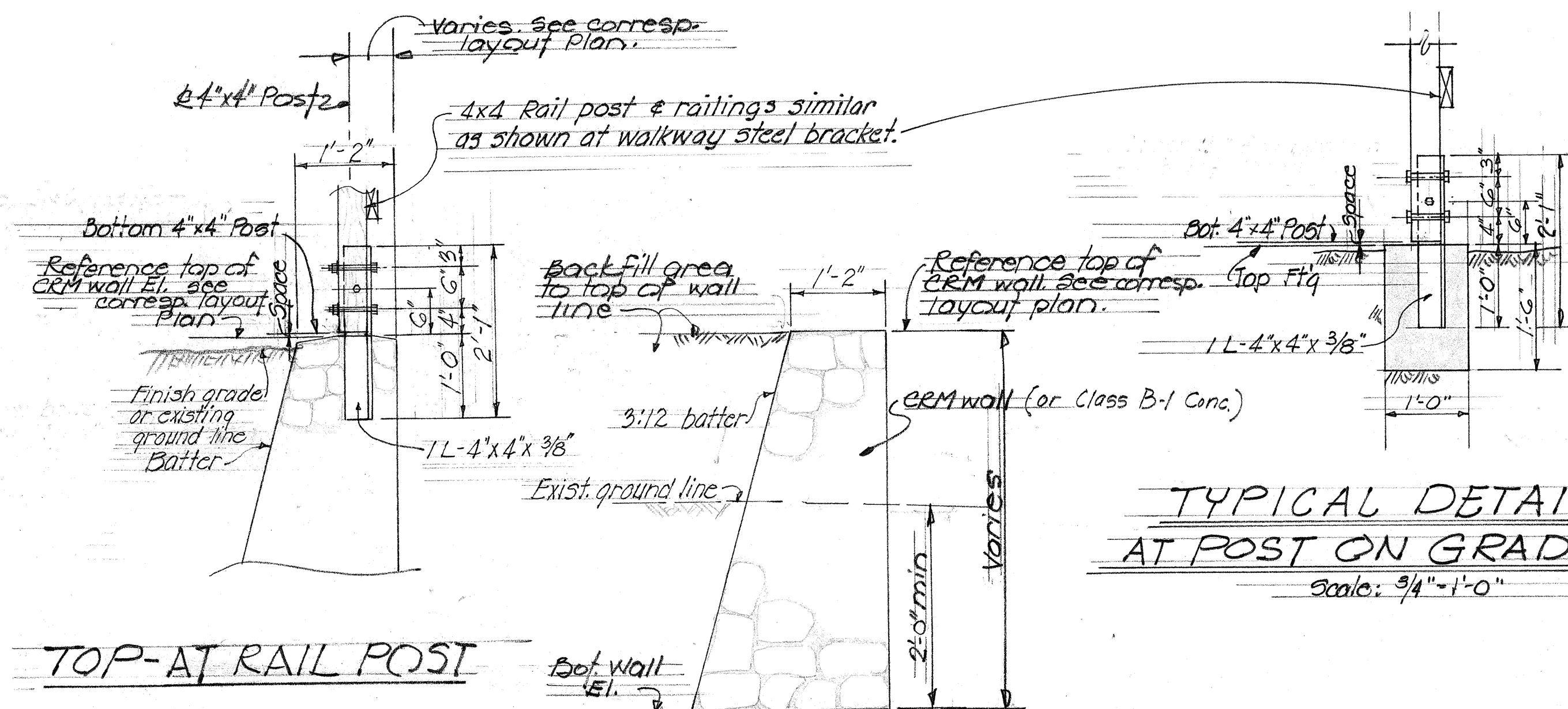
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-0468	1968	3	3



TYPICAL DETAIL - PEDESTRIAN WALKWAY STEEL BRACKET



TYPICAL SECTION THRU CRM WALL
Splice: 3/4" = 1'-0"

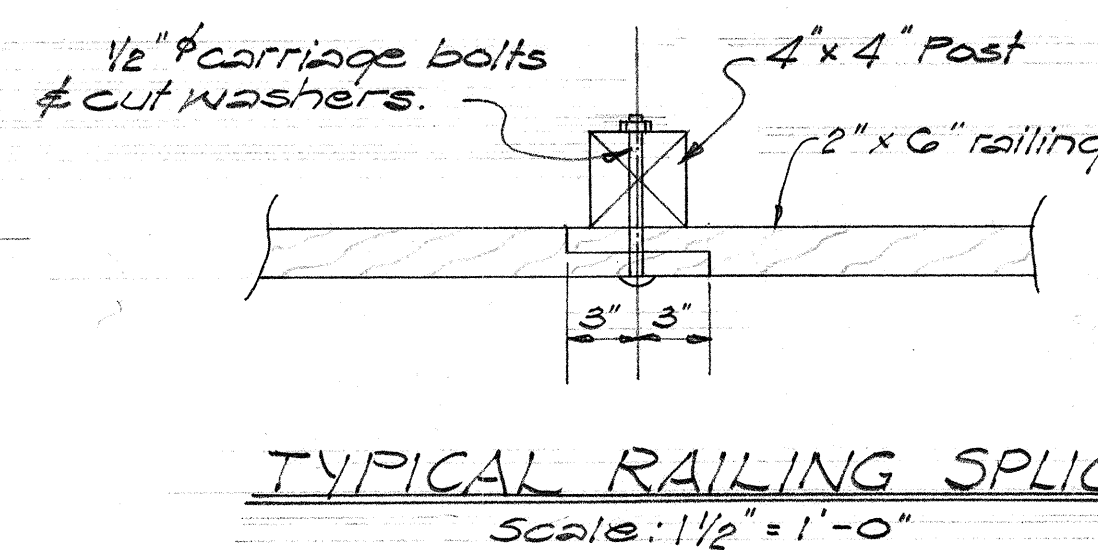


TYPICAL DETAIL
AT POST ON GRADE
Scale: 3/4"=1'-0"

TYPICAL SECTION

GENERAL NOTES

1. All concrete to be class B-1 concrete except as otherwise noted.
2. All Timber to be Douglas Fir select structural grade S4S and well seasoned.
3. All connection bolts, cut washers, & expansion shields to be galvanized steel.
4. Painting - see Special Provisions.
5. Except as otherwise noted all welds to be 5/16" continuous fillet weld; it shall conform to the latest specifications for Welded Highway and Railway Bridge Design, Construction, and Repair of the American Welding Society.
6. It shall be the responsibility of the contractor to verify the locations of all existing utility lines and details of existing concrete bridge structure before fabrication of steel brackets and connecting members. All dimensions indicated on the Plans shall be verified in the field by the contractor.
7. All brackets shall be hot dip galvanized after fabrication.
8. Backfill & dressing of approaches to footwalks shall be limited to steel beyond end of C.R.M. walls.
9. All details on this sheet shall apply to Project No E-83-02-64 & Project No. D-83-01-64.



TYPICAL RAILING SPLICE
Scale: 1 1/2" = 1'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY DRAWN BY TRACED BY DESIGNED BY QUANTITIES BY CHECKED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS
BRIDGE WALK FOR
ALL BRIDGES

Proj. No. 83E-04-G8
Feb. 1968

SHEET No. 2 OF 2 SHEETS