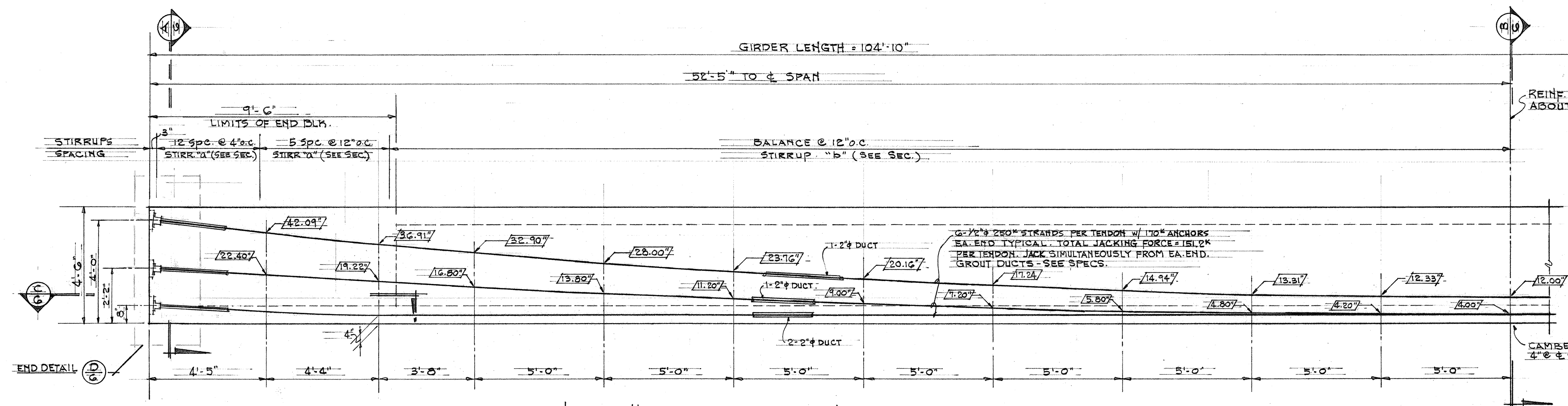
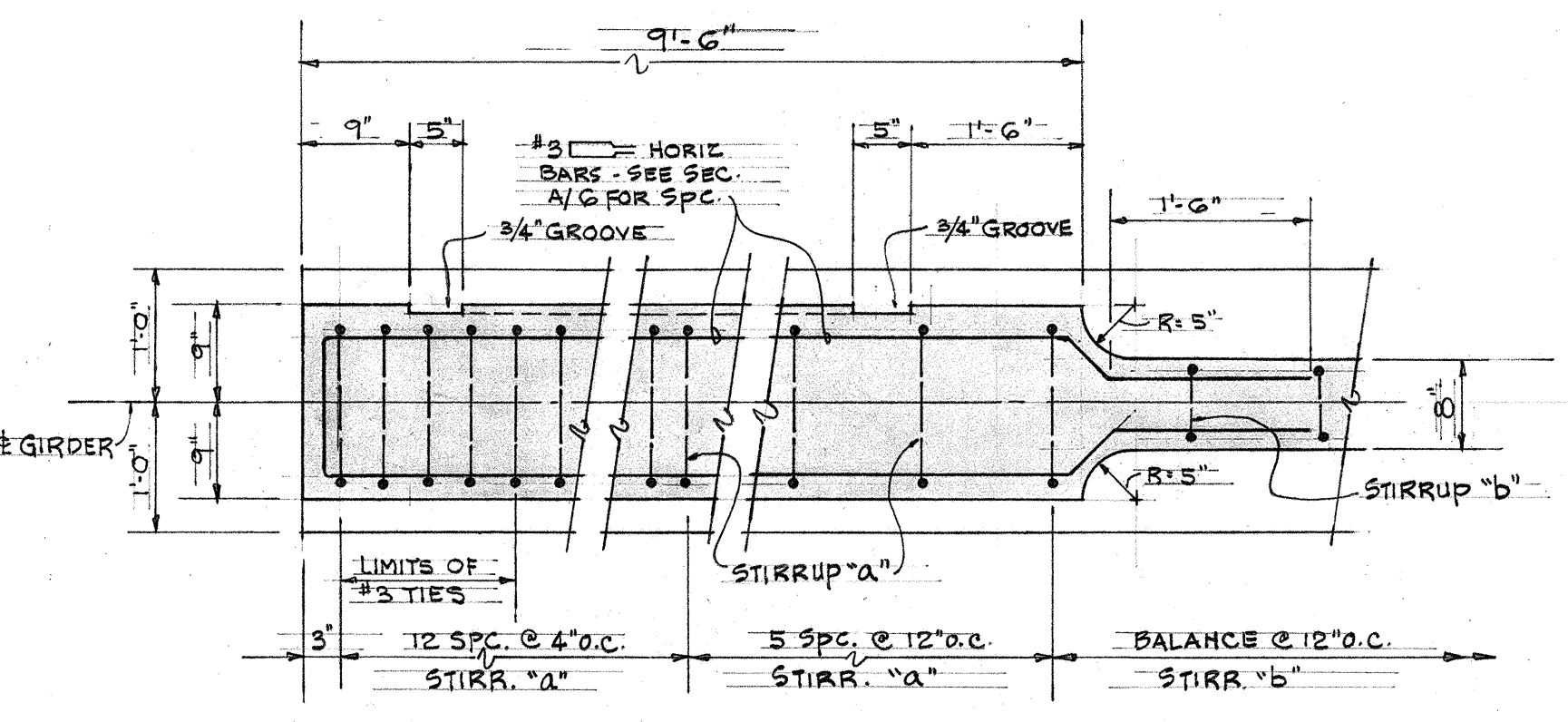


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.				

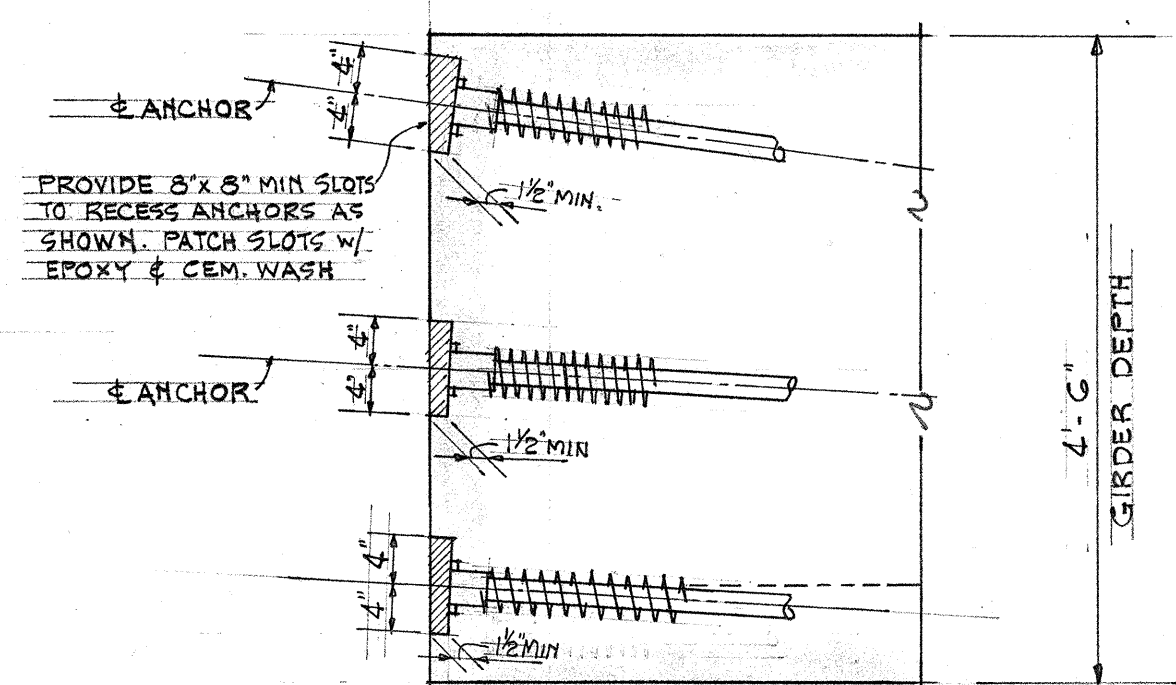


NOTE: 1) f_{ci} FOR GIRDERS TO BE 4,000 PSI.
2) 0.00' DENOTES DISTANCE FROM ϕ DUCT TO BOTTOM OF GIRDER

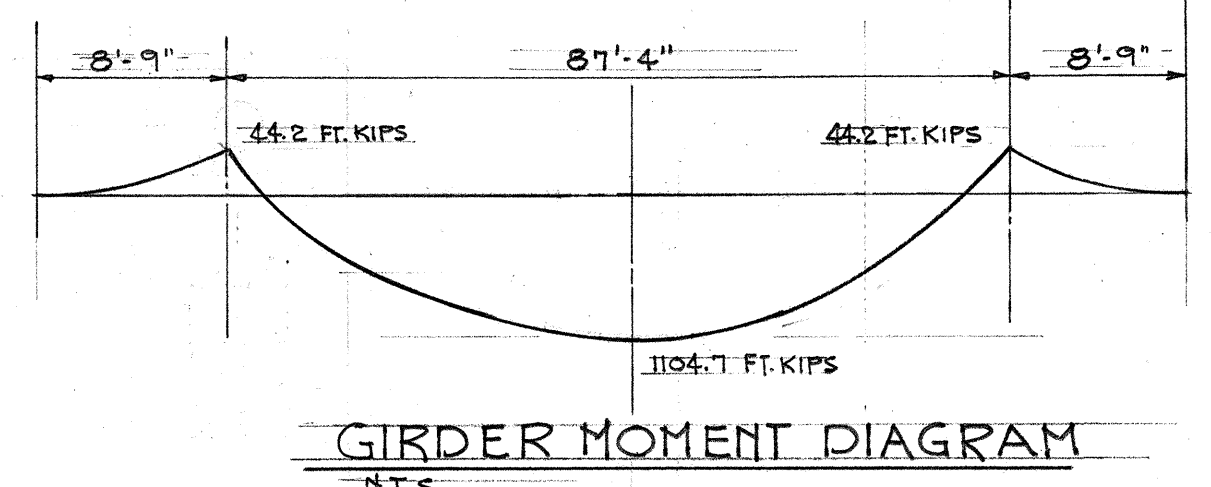
TYPICAL GIRDER G-1 ELEVATION ~ SHOWING POST TENSION TENDONS
SCALE 3/8"=1'-0"



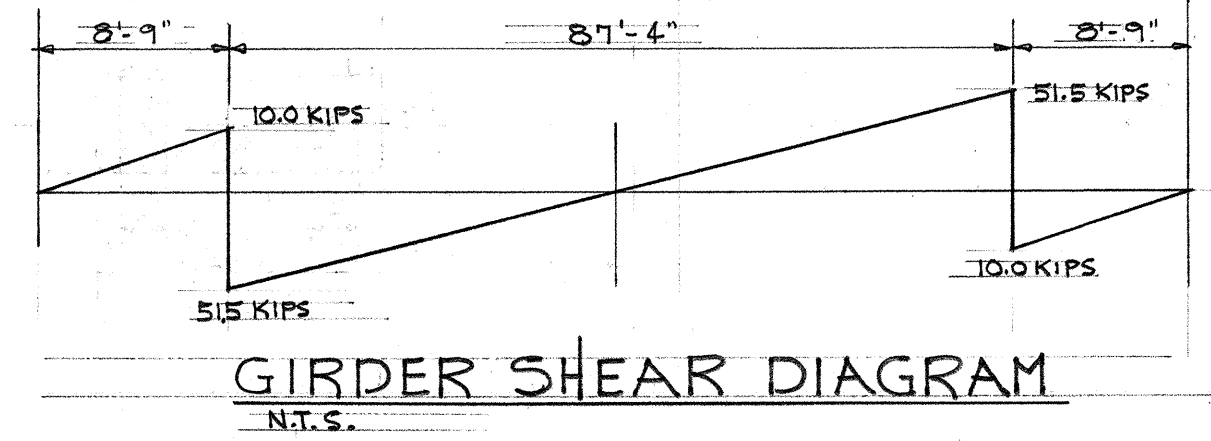
C SECTION
SCALE 3/4"=1'-0"



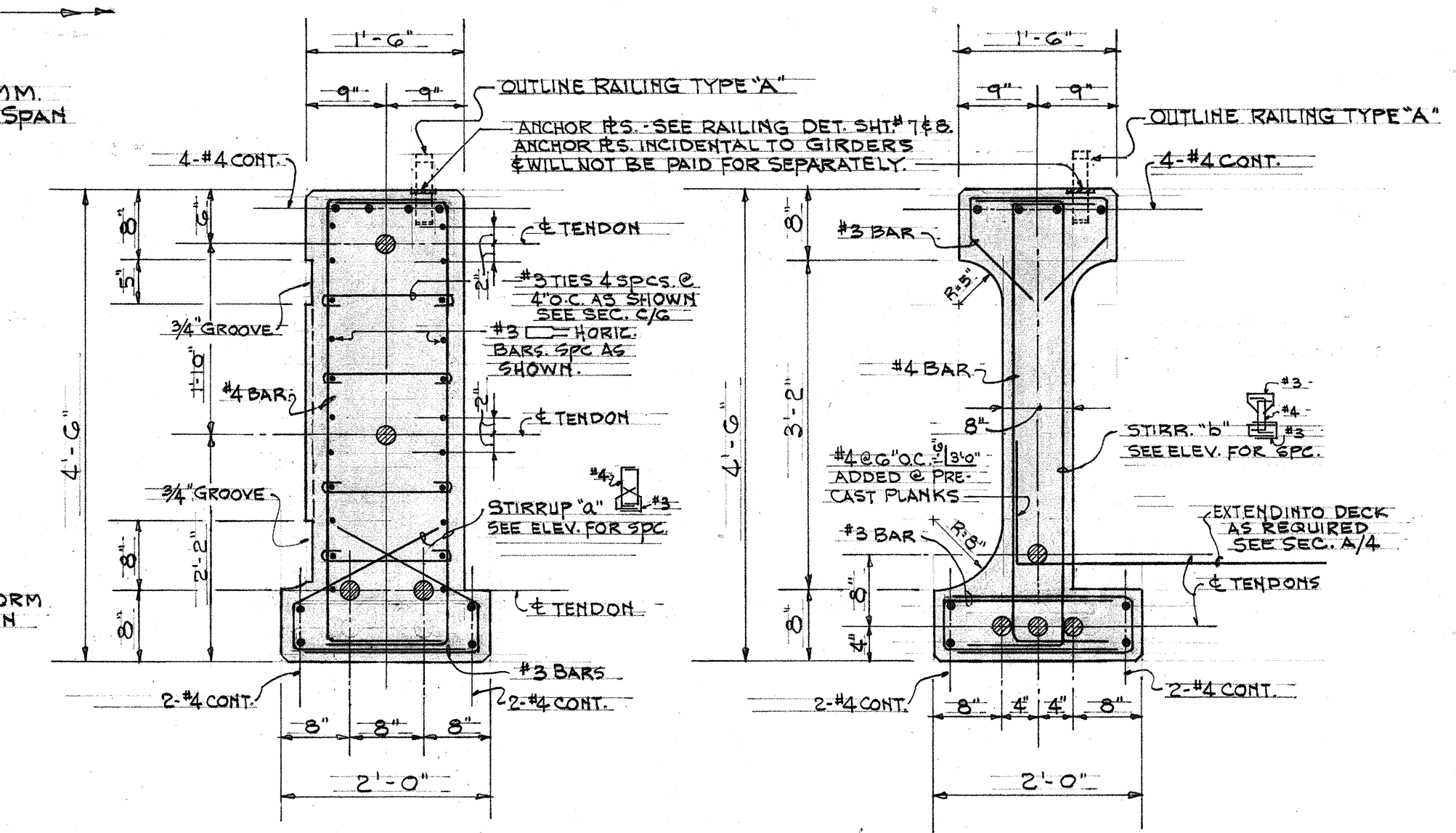
D TYPICAL END DETAIL
SCALE 3/4"=1'-0"



GIRDER MOMENT DIAGRAM
N.T.S.



GIRDER SHEAR DIAGRAM
N.T.S.



A SECTION AT ENDS SCALE 3/4"=1'-0"
B SECTION AT MID-SPAN SCALE 3/4"=1'-0"

PRE-CAST & PRESTRESSED NOTES:

GIRDERS

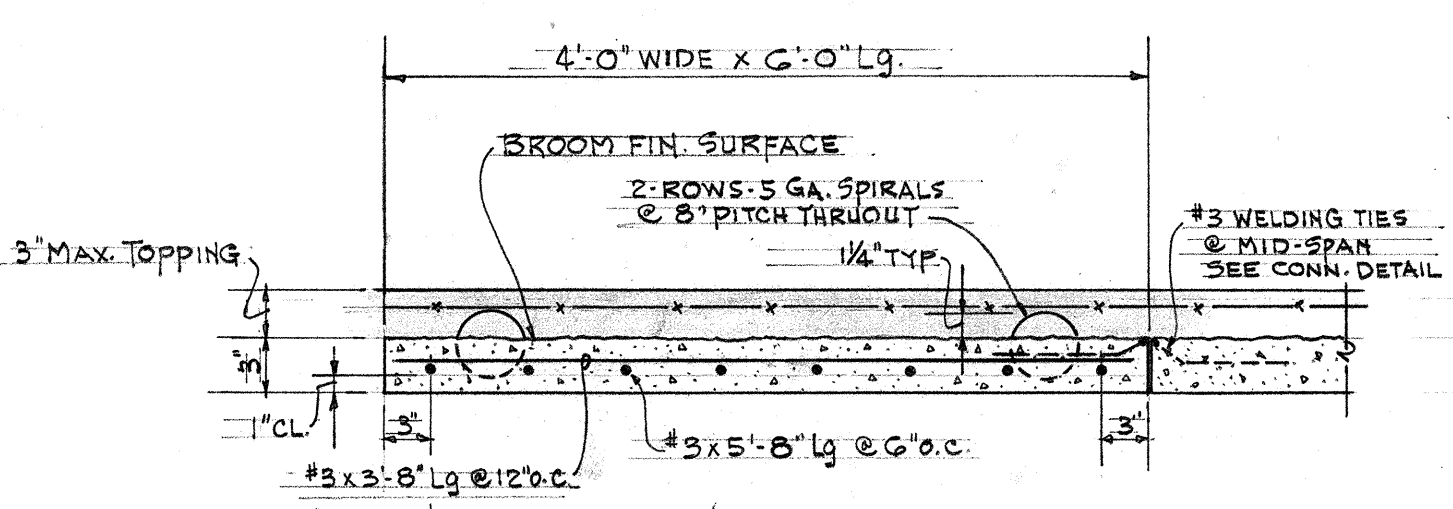
- 1) ALL REINFORCING STEEL, PRESTRESSING STEEL, DUCTS, ANCHORS AND RAILING INSERTS ARE INCIDENTAL TO PRESTRESSED GIRDERS AND WILL NOT BE PAID FOR SEPARATELY.
- 2) AN ALTERNATE POST-TENSION DESIGN MAY BE SUBSTITUTED PROVIDED SUCH DESIGN MEET REQUIREMENTS OF SHEAR & MOMENT DIAGRAM SHOWN. CONTRACTOR TO SUBMIT PLANS & COMPUTATIONS FOR SUBSTITUTION AT LEAST 10 WORKING DAYS PRIOR TO FABRICATION.

PRE-CAST & PRESTRESSED PLANKS

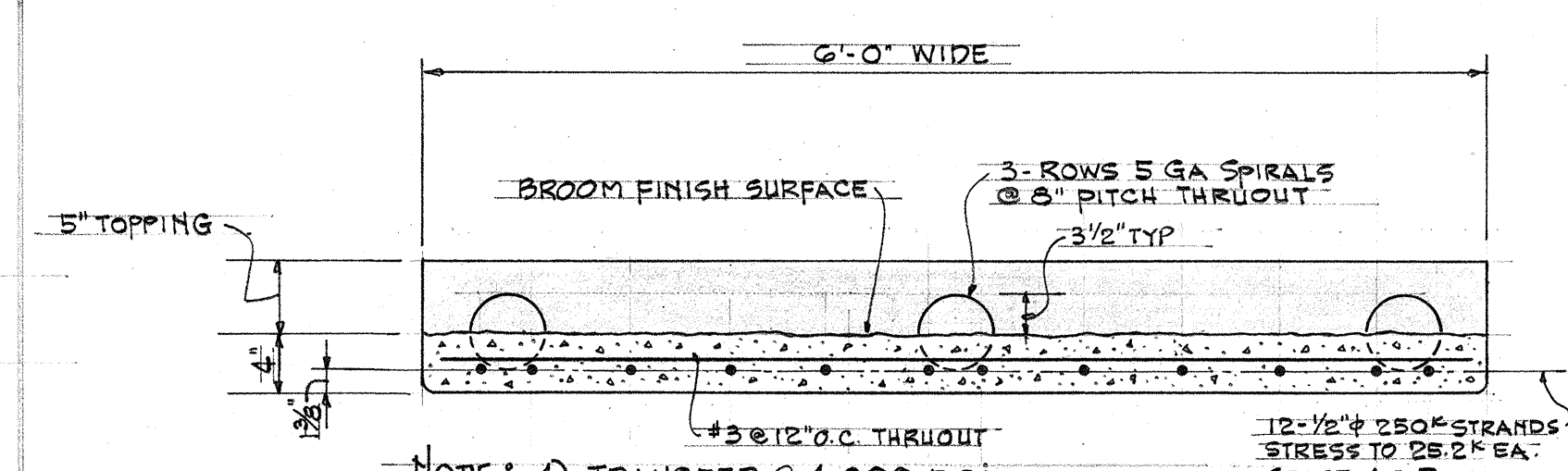
- 1) ALL REINFORCING STEEL, PRESTRESSING STEEL, SPIRALS AND WELDING TIES ARE INCIDENTAL TO PLANKS AND WILL NOT BE PAID FOR SEPARATELY.

SHOP DRAWINGS:

- 1) SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL AT LEAST 10 WORKING DAYS PRIOR TO FABRICATION OF GIRDERS AND ALL PRE-CAST AND PRESTRESSED MEMBERS. SHOP DRAWINGS SHALL INCLUDE ALL REINFORCING IN PLACE, LIFTING POINTS AND DEVICES, AND ALL OTHER INFORMATION NECESSARY TO THE FABRICATION OF THESE MEMBERS.

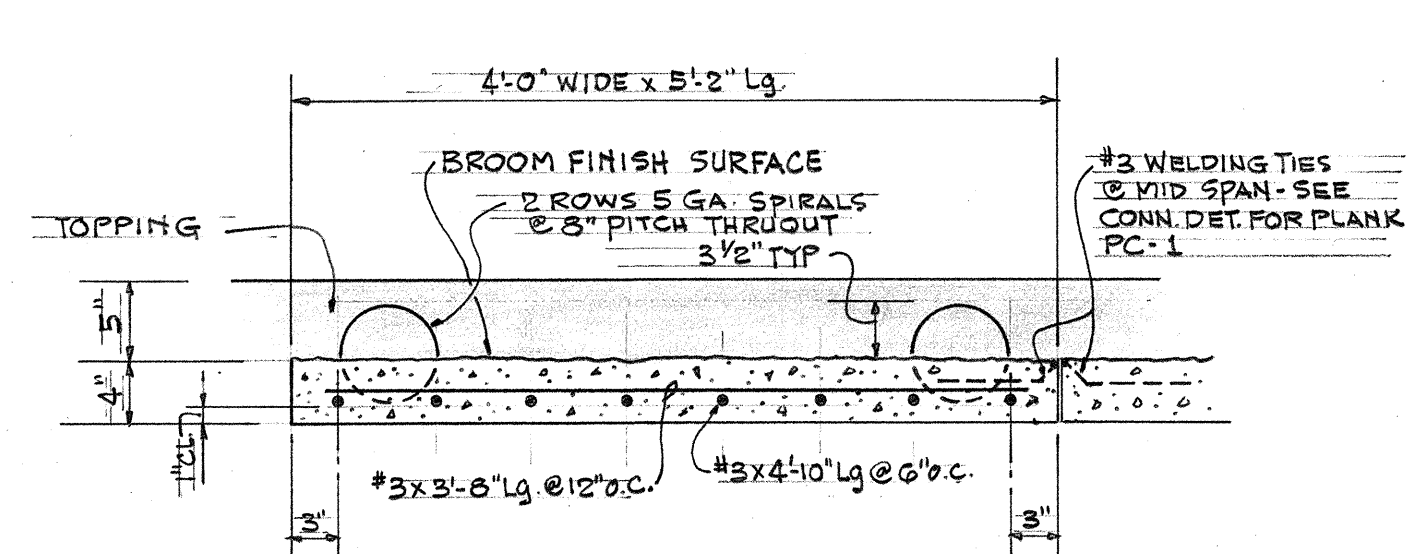


TYPICAL SECTION THRU PC-1
SCALE 1"=1'-0"

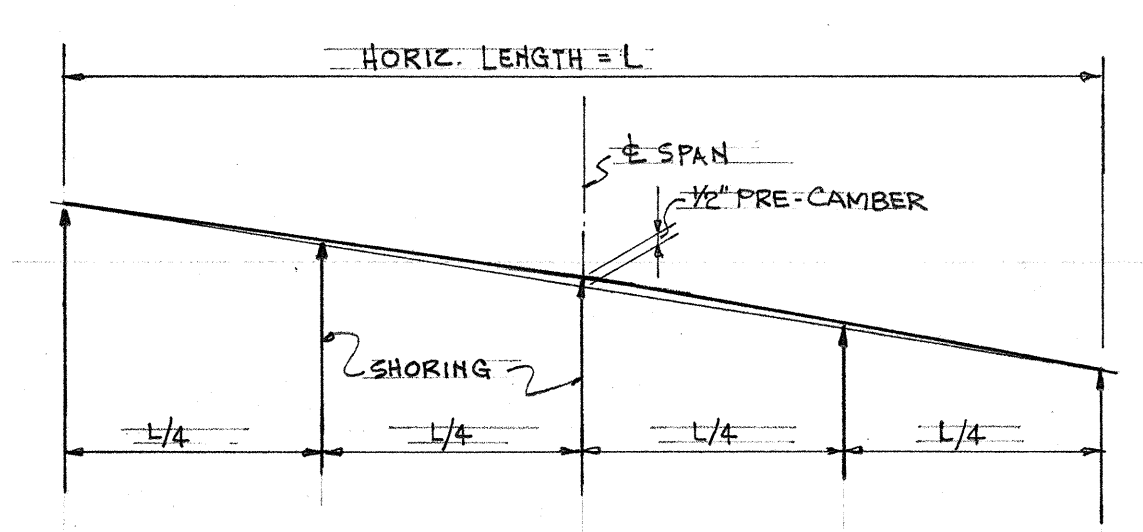


NOTE: 1) TRANSFER @ 4,000 PSI.

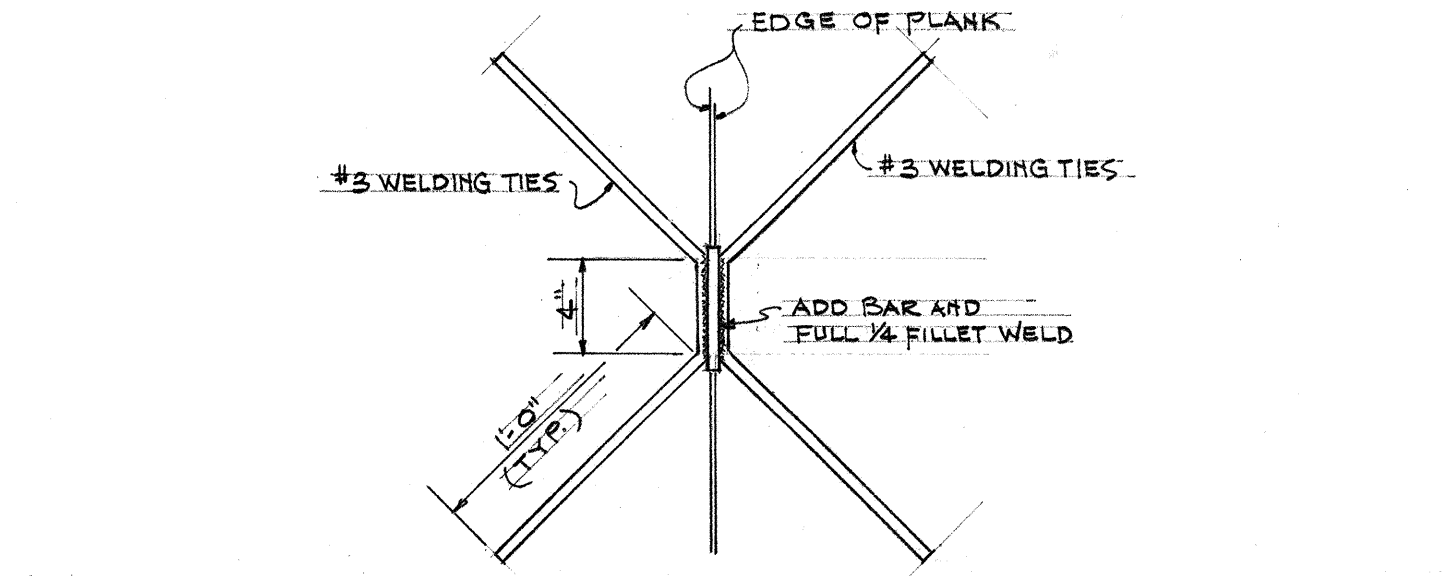
TYPICAL SECTION THRU PS-1 PLANK
SCALE 1"=1'-0"



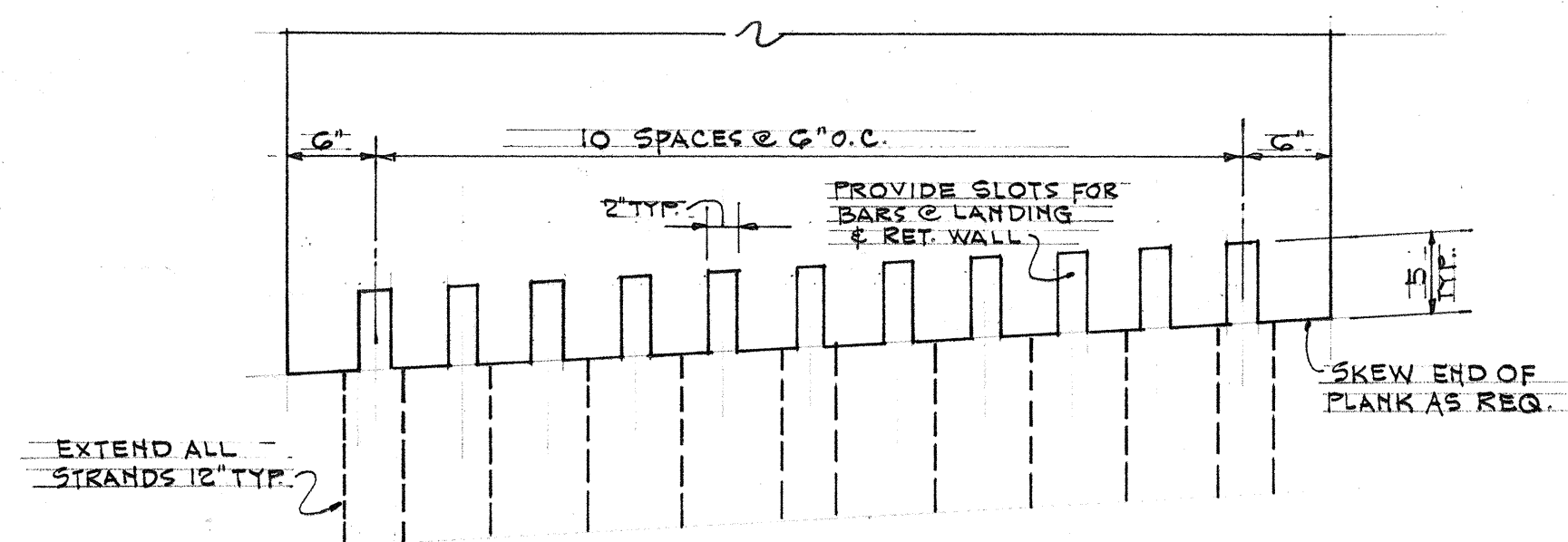
TYPICAL SECTION THRU PC-2
SCALE 1"=1'-0"
TYPICAL PRE-CAST PLANK PC-2 DET.



PRESTRESSED PLANK SHORING DIAGRAM



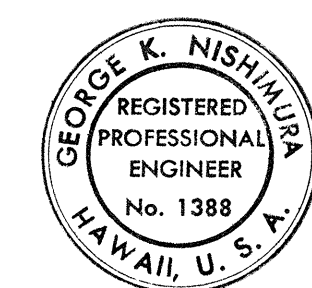
TYPICAL PLANK CONNECTION DETAIL
SCALE 1/2"=1'-0"



TYPICAL PLAN @ END OF PLANK PS-1
SCALE 1"=1'-0"

TYPICAL PRE-CAST PLANK PC-1 DETAILS
SCALE - AS NOTED

TYPICAL PRESTRESSED PLANK PS-1 DETAILS



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
George K. Nishimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PEDESTRIAN OVERPASS
OVER KALANIANA'OLE HIGHWAY
AT ULUPU STREET
KAILUA, OAHU
PROJECT No. 72A-01-G7
FEBRUARY, 1967

DATE	BY	NO.
1/1/67	GEORGE K. NISHIMURA	1
1/1/67	GEORGE K. NISHIMURA	2
1/1/67	GEORGE K. NISHIMURA	3
1/1/67	GEORGE K. NISHIMURA	4
1/1/67	GEORGE K. NISHIMURA	5
1/1/67	GEORGE K. NISHIMURA	6
1/1/67	GEORGE K. NISHIMURA	7
1/1/67	GEORGE K. NISHIMURA	8
1/1/67	GEORGE K. NISHIMURA	9
1/1/67	GEORGE K. NISHIMURA	10