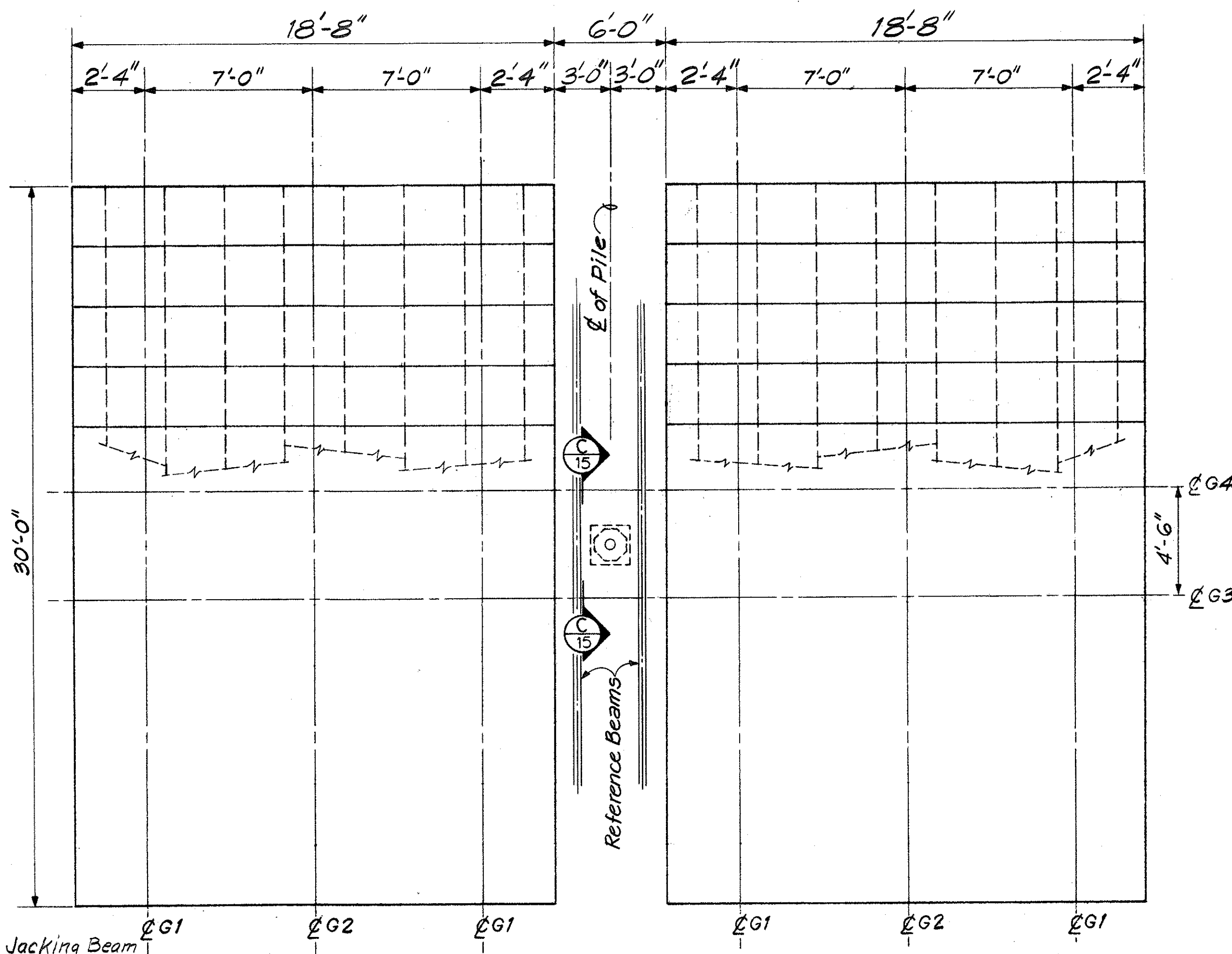
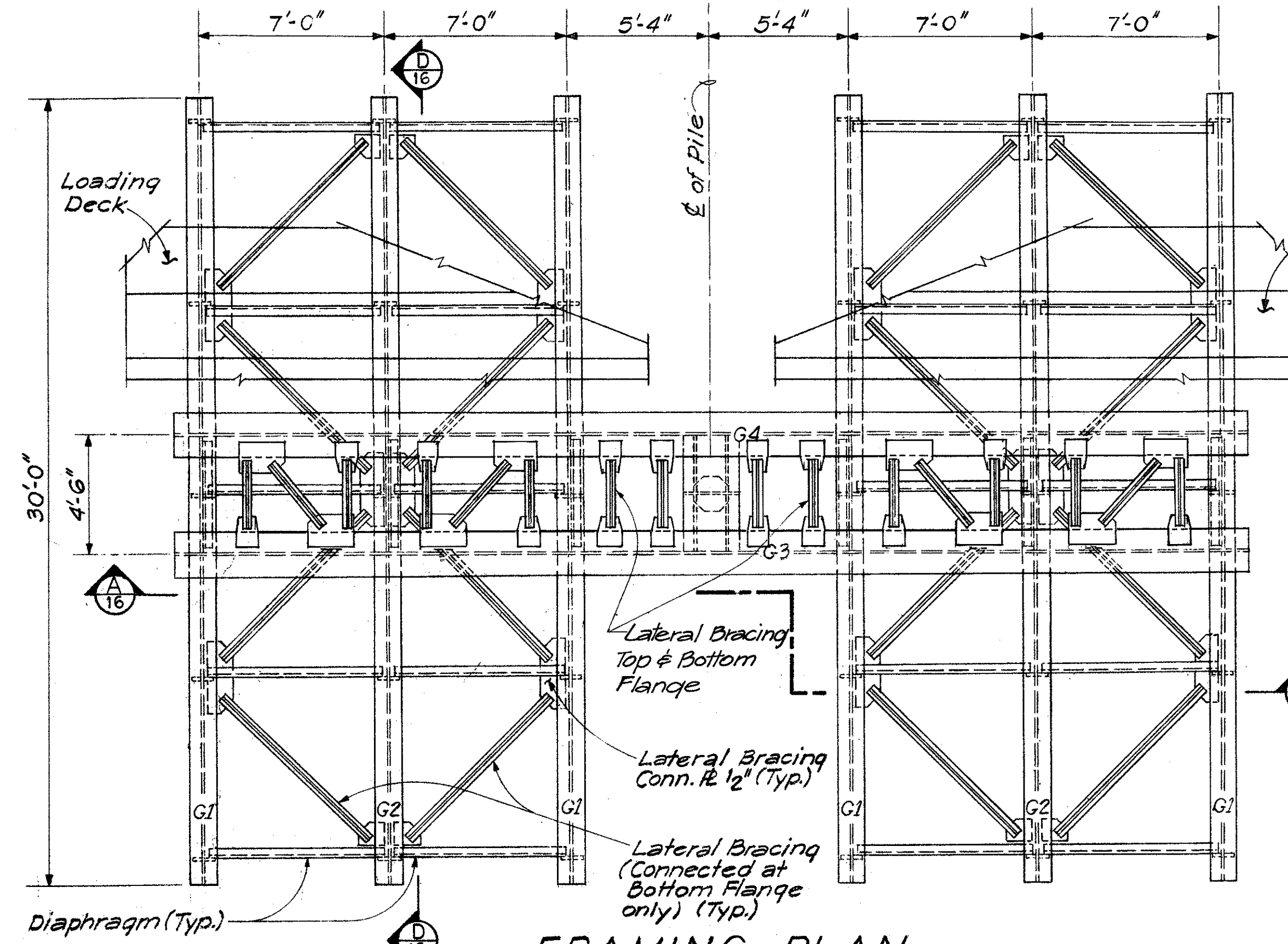


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(85)	1970	15	33



CRIBBING ARRANGEMENT PLAN
N.T.S.

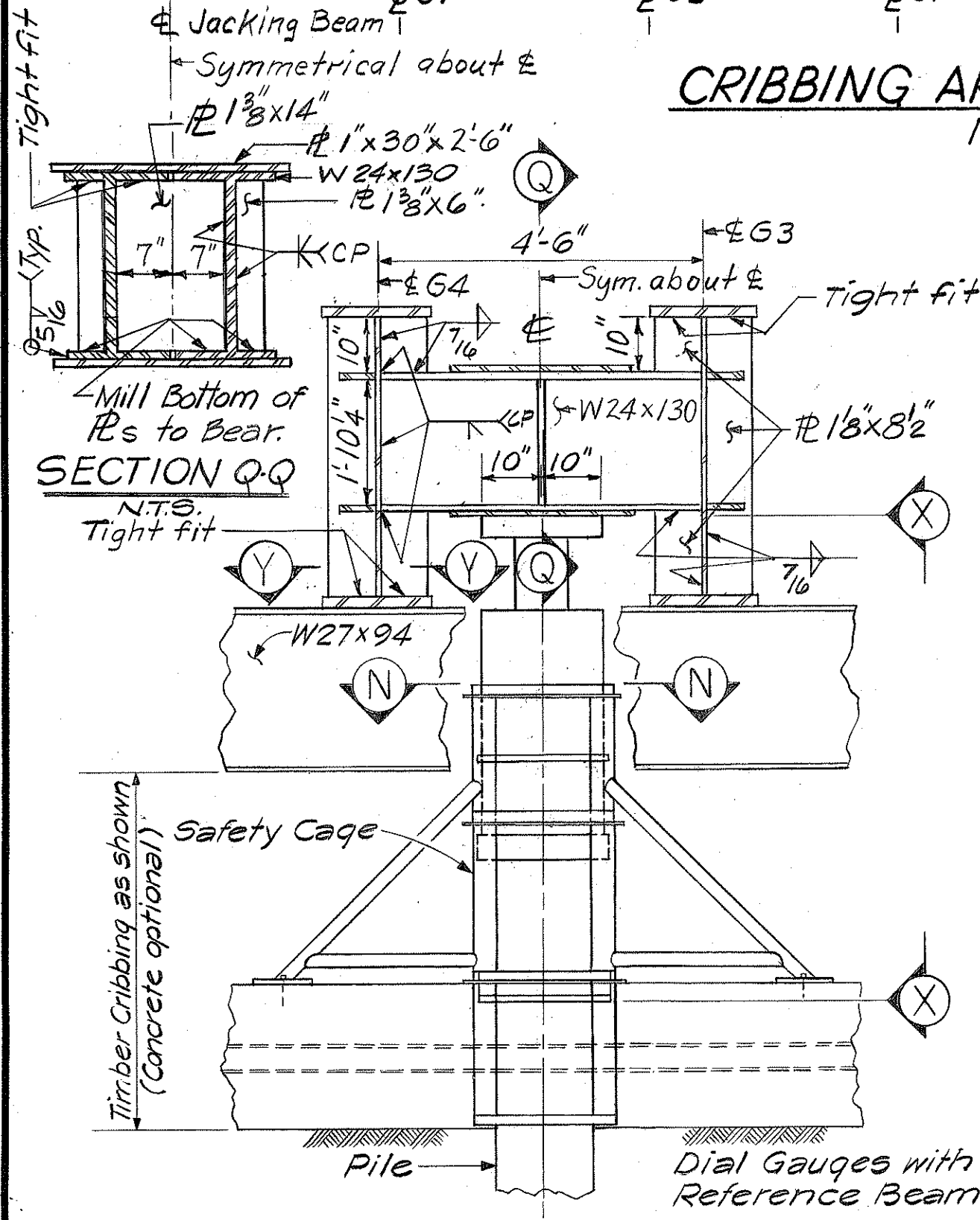


FRAMING PLAN
SCALE: 1/4" = 1'-0"

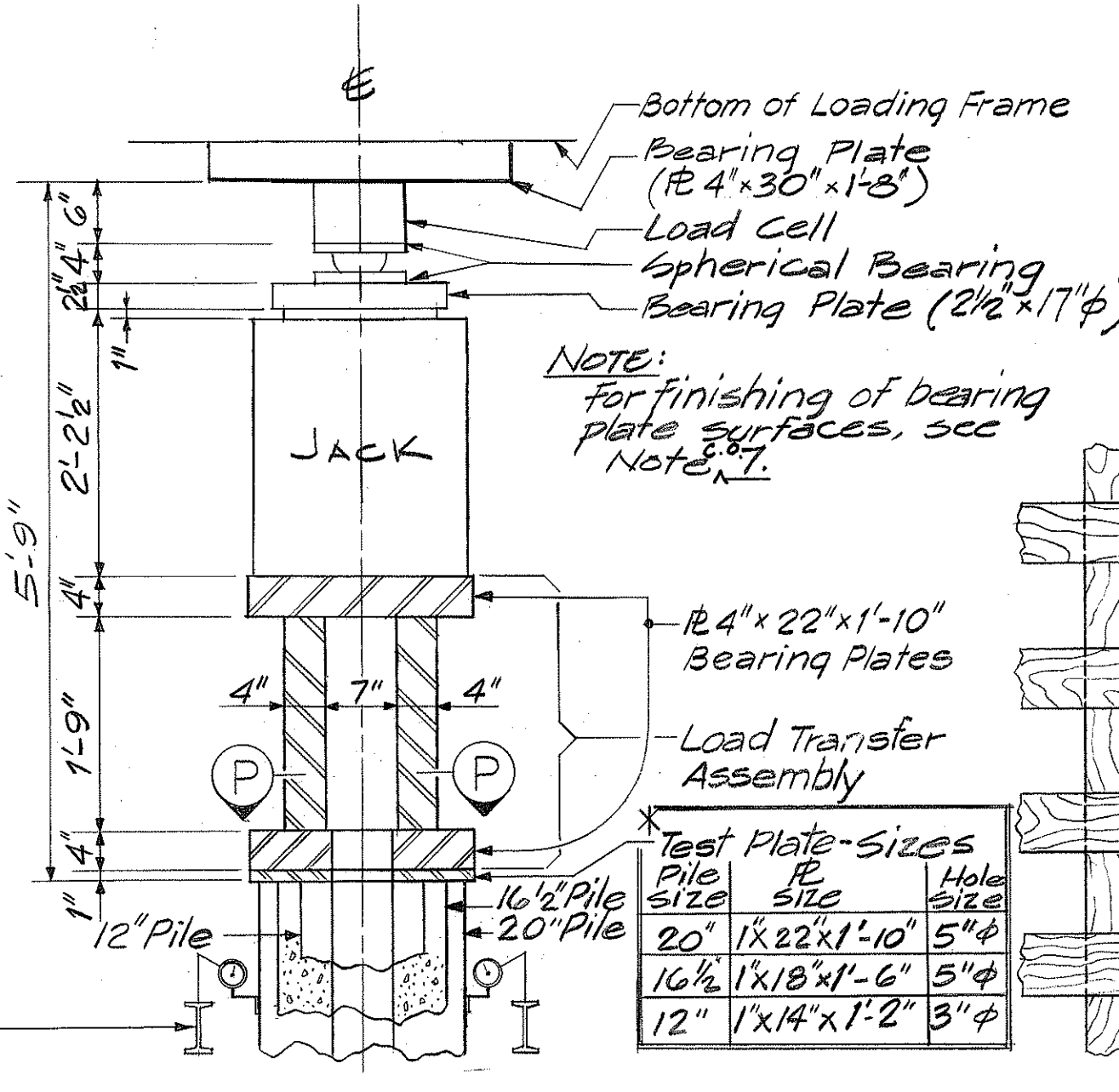
Loading Deck - Timber or Concrete Blocks to carry the required load.

LOADING FRAME NOTES:

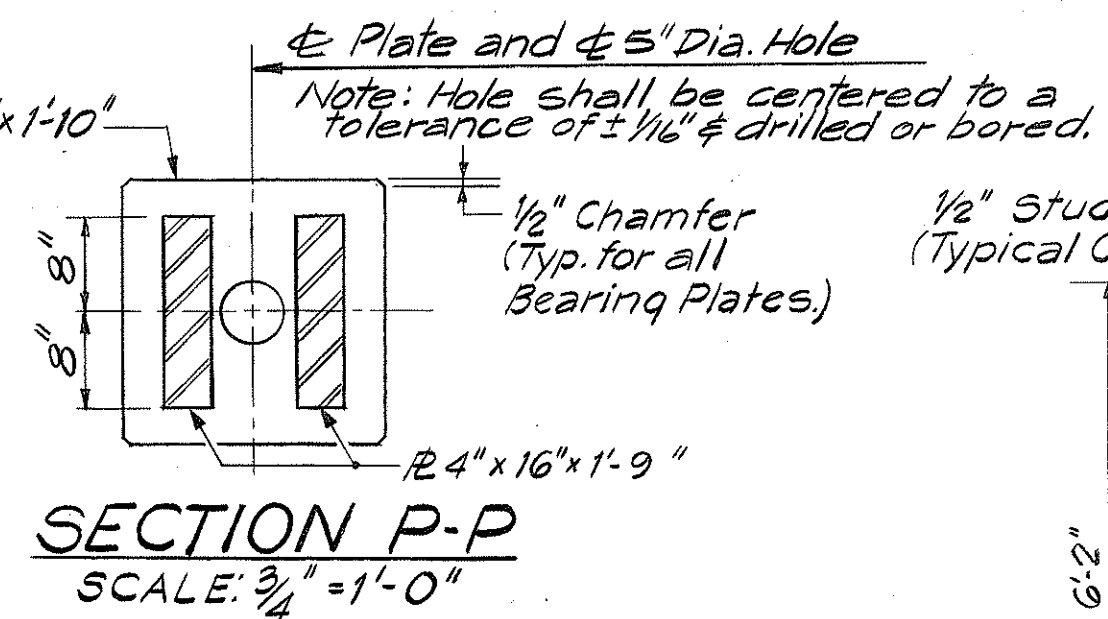
- Design Specifications:
 - AISC Specification 1973 ed. for Structural Steel and Welding.
 - AASHTO Specification 1973 ed. for Reinforced Concrete.
- Design Stresses:
 - $f_c' = 3000$ psi, $f_c = 1200$ psi for Concrete.
 - $f_s = 20,000$ psi for Reinforcing Steel.
- Material:
 - All Concrete shall be Class A.
 - All Structural Steel shall be ASTM A441.
 - All Reinforcing Steel shall be ASTM A615 Grade 40.
 - E70XX Electrodes for Welding.
 - High Strength Bolts shall be ASTM 325.
- The Loading Blocks on top of Loading Frame shall be stacked uniformly and symmetrically about the center line of Loading Frame. Blocks to be provided by Contractor.
- The Cribbing shall be stacked symmetrically about the center line of Loading Frame in order to transfer loads evenly to the ground.
- The Loading Frame shall be shop painted with 2 coats of red lead paint.
- All bearing plates, 2 inches or less in thickness, may be used without planing, provided satisfactory contact bearing is obtained. Bearing plates, over 2 inches in thickness, shall be planed for all bearing surfaces.
- Estimated Quantity of Structural Steel = 61,000 lbs. (Item 501.20, Lump Sum)



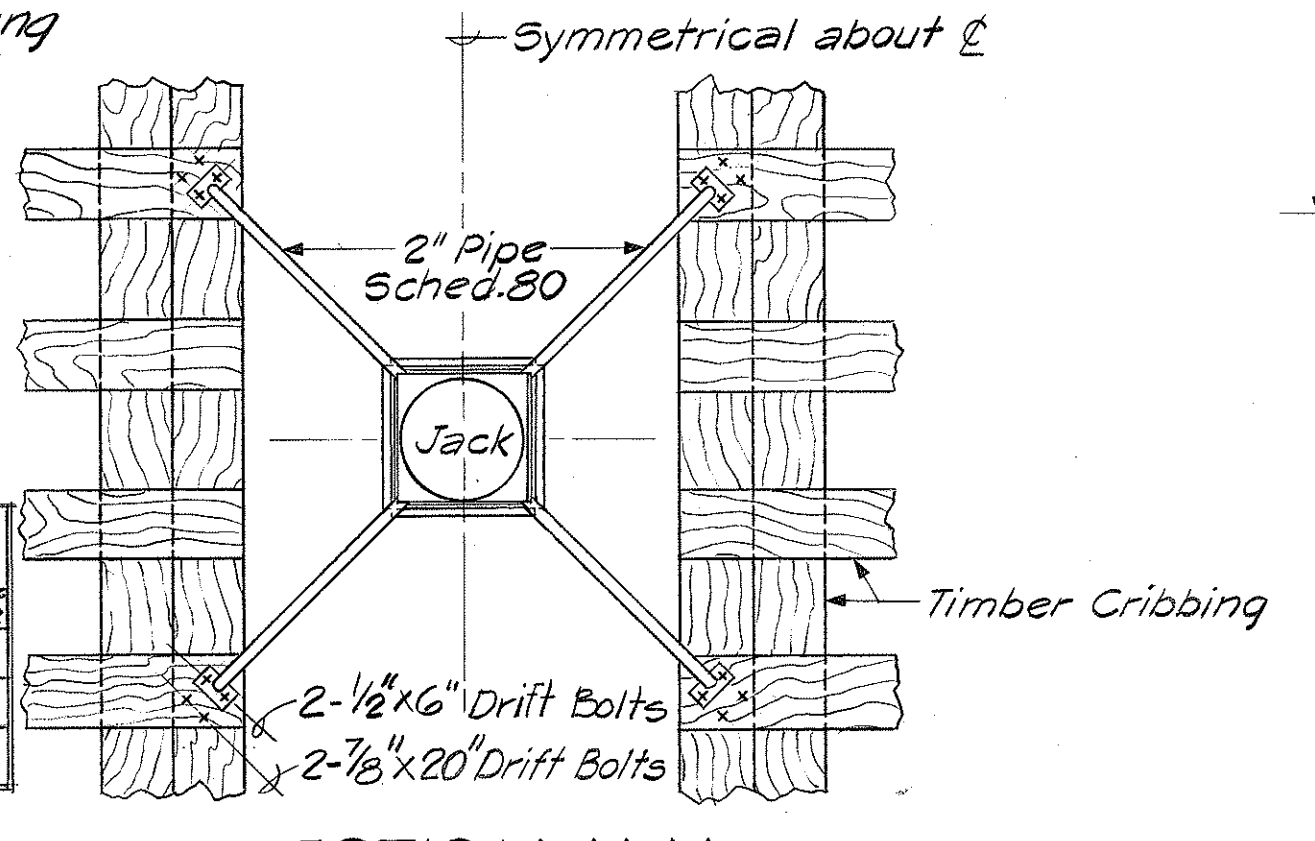
SECTION Q-Q
SCALE: 1/2" = 1'-0"



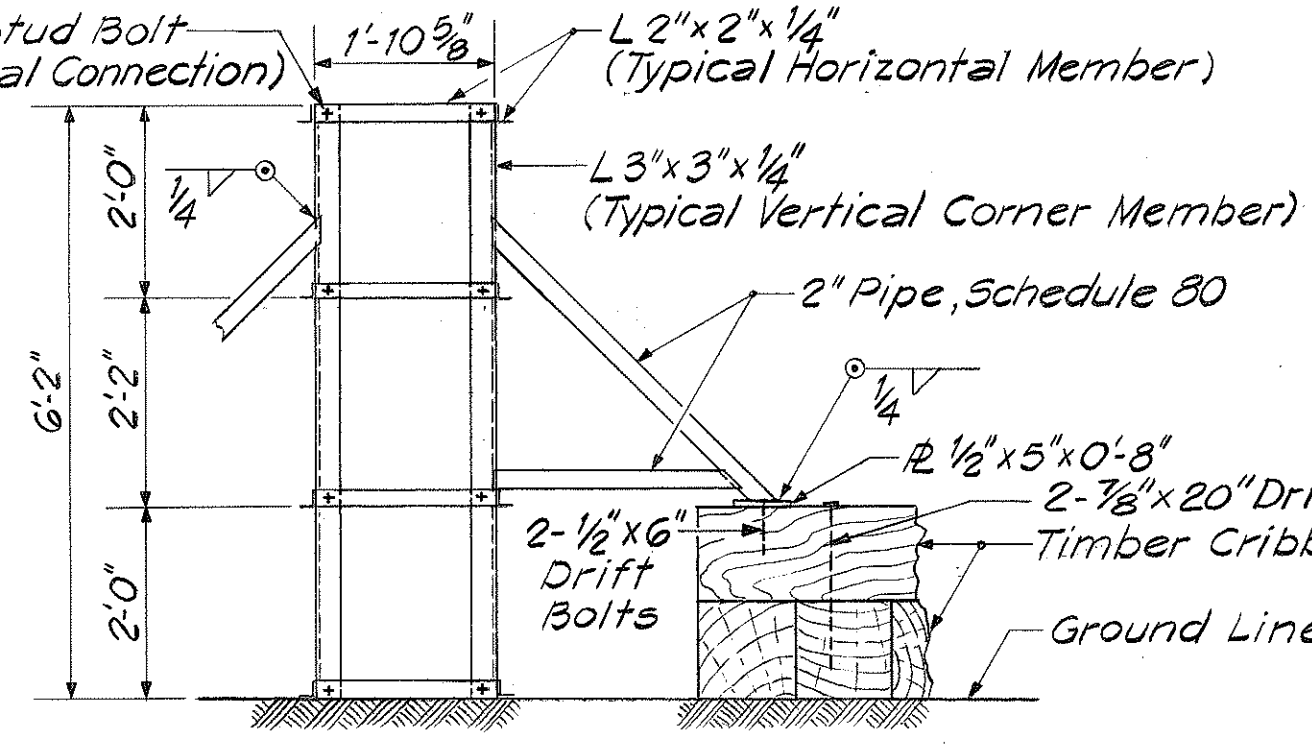
SECTION X-X JACKING SET-UP
SCALE: 3/4" = 1'-0"



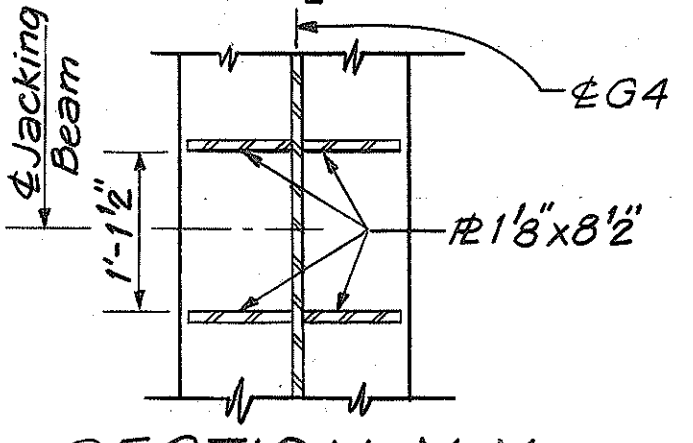
SECTION P-P
SCALE: 3/4" = 1'-0"



SECTION N-N
SCALE: 1/2" = 1'-0"

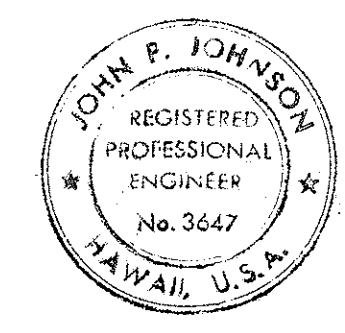


SAFETY CAGE ELEVATION
SCALE: 1/2" = 1'-0"



SECTION Y-Y
SCALE: 3/4" = 1'-0"

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
DESIGNED BY	
NOTE BOOK	
CHECKED BY	
ORIGINAL PLAN	
NO.	



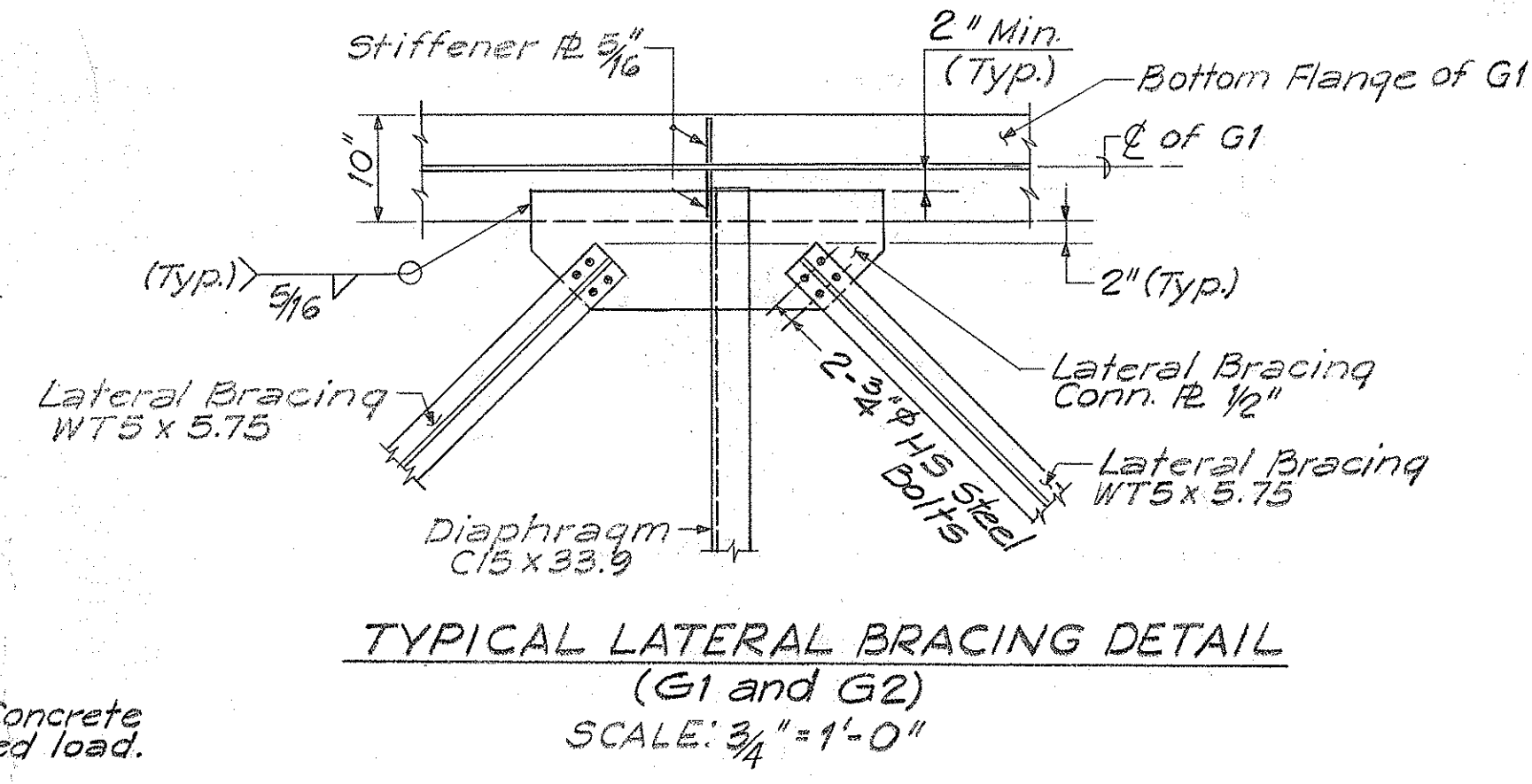
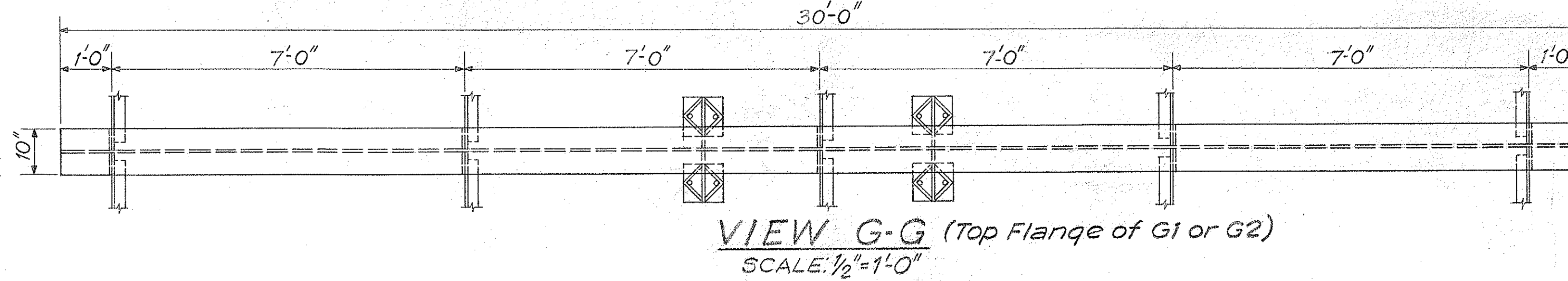
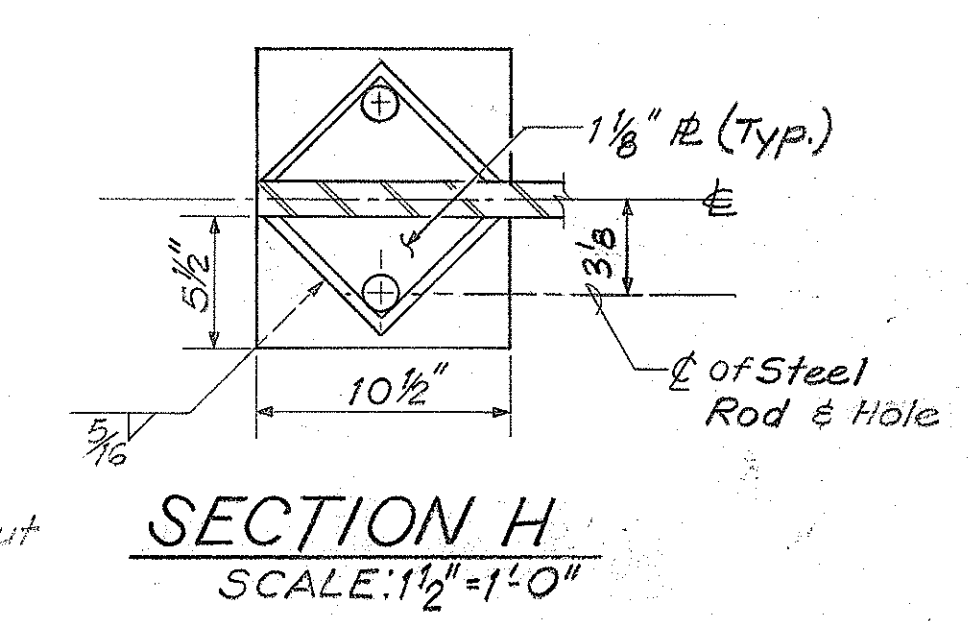
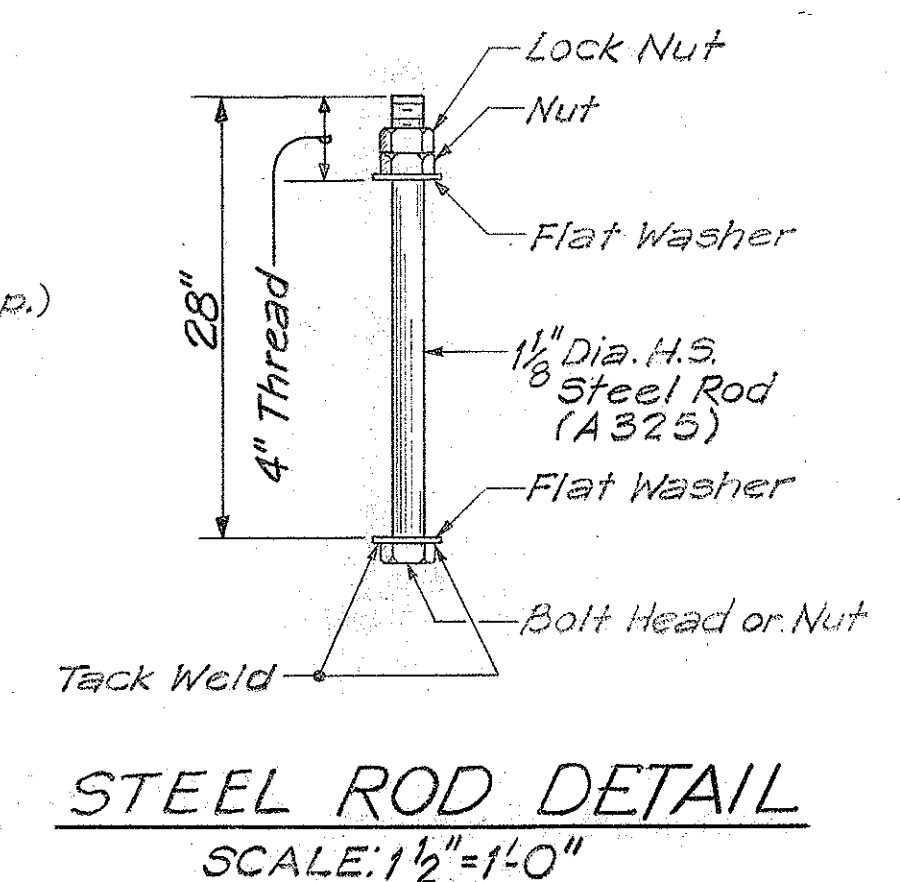
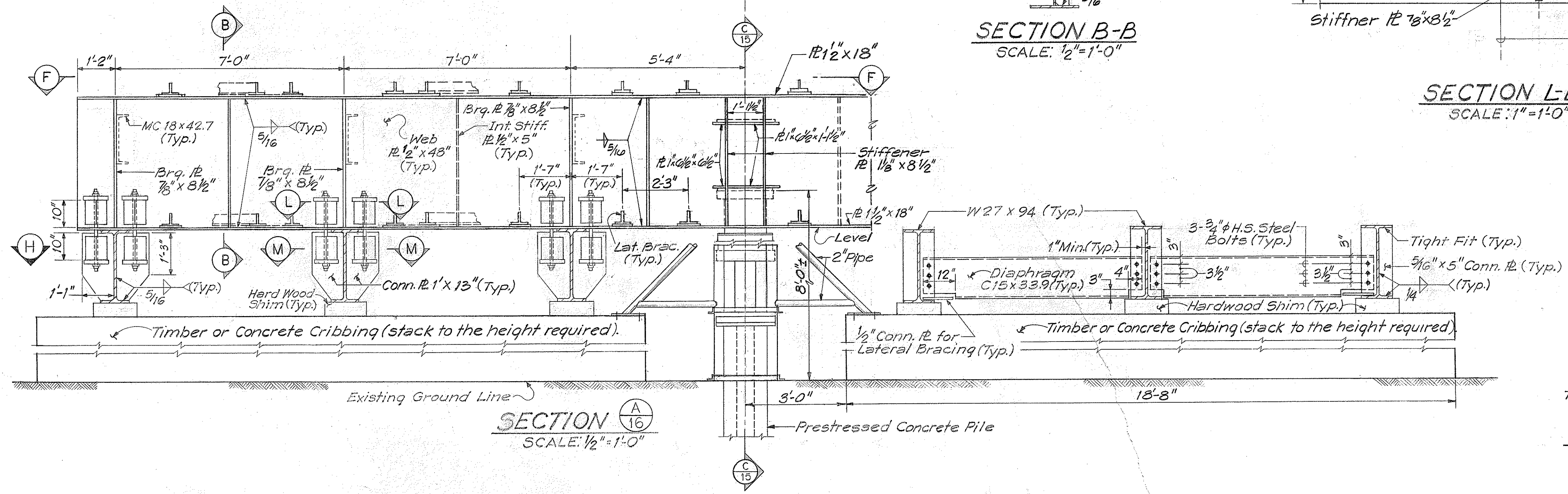
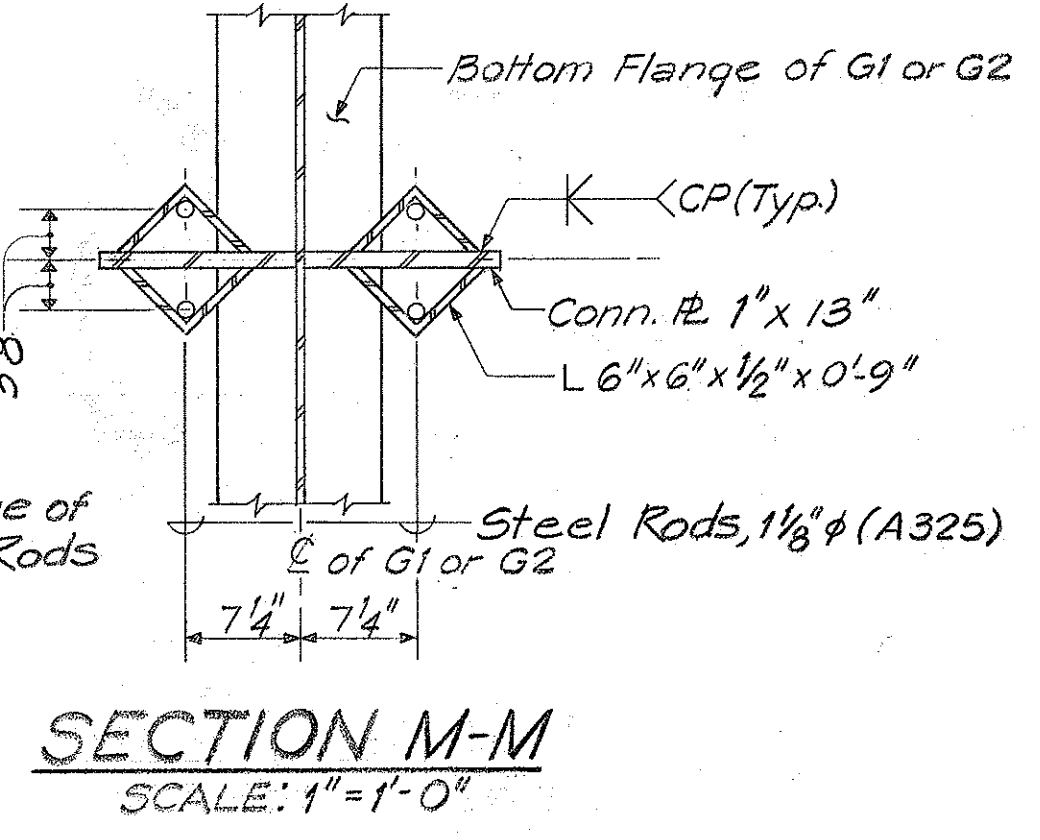
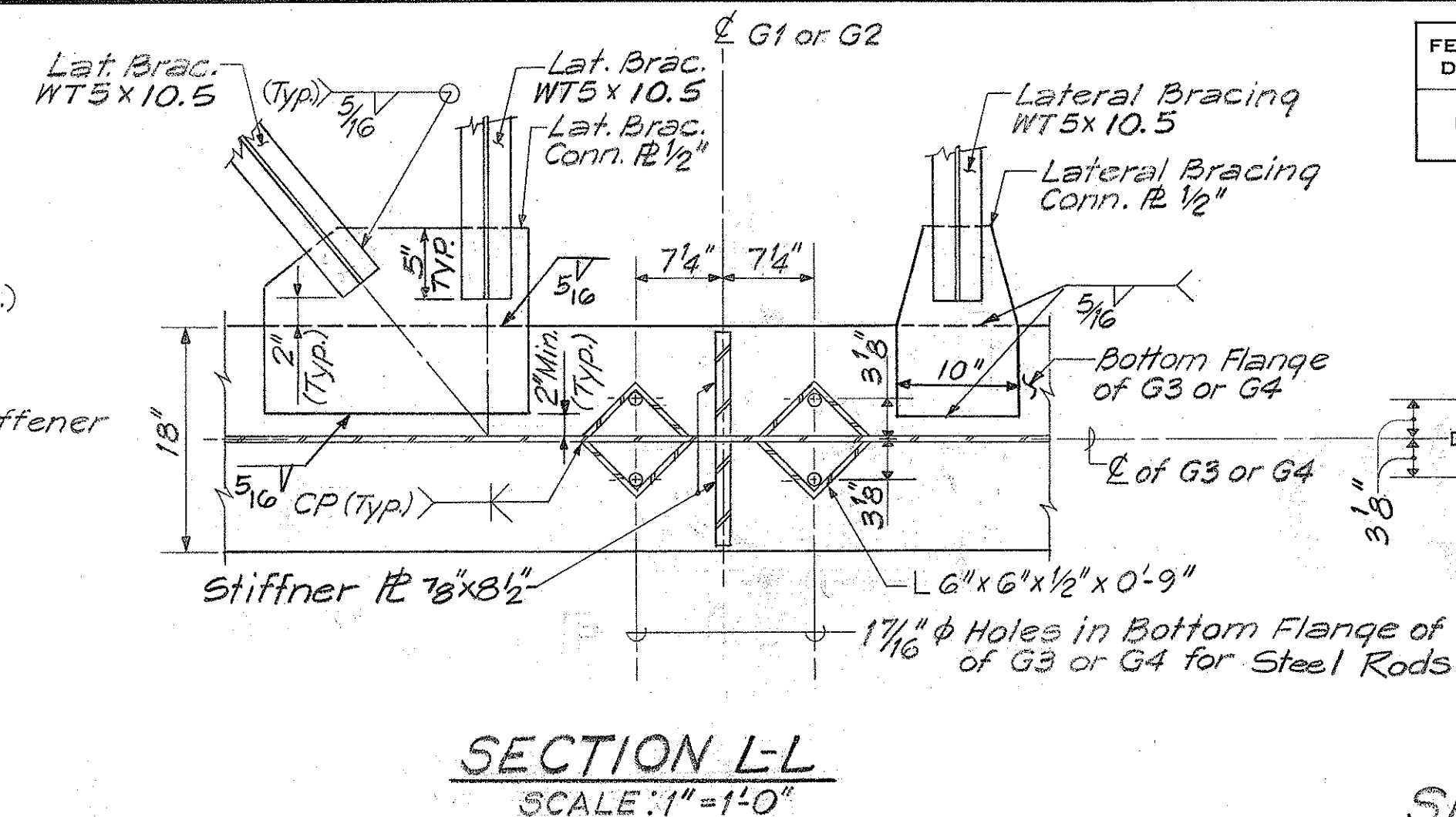
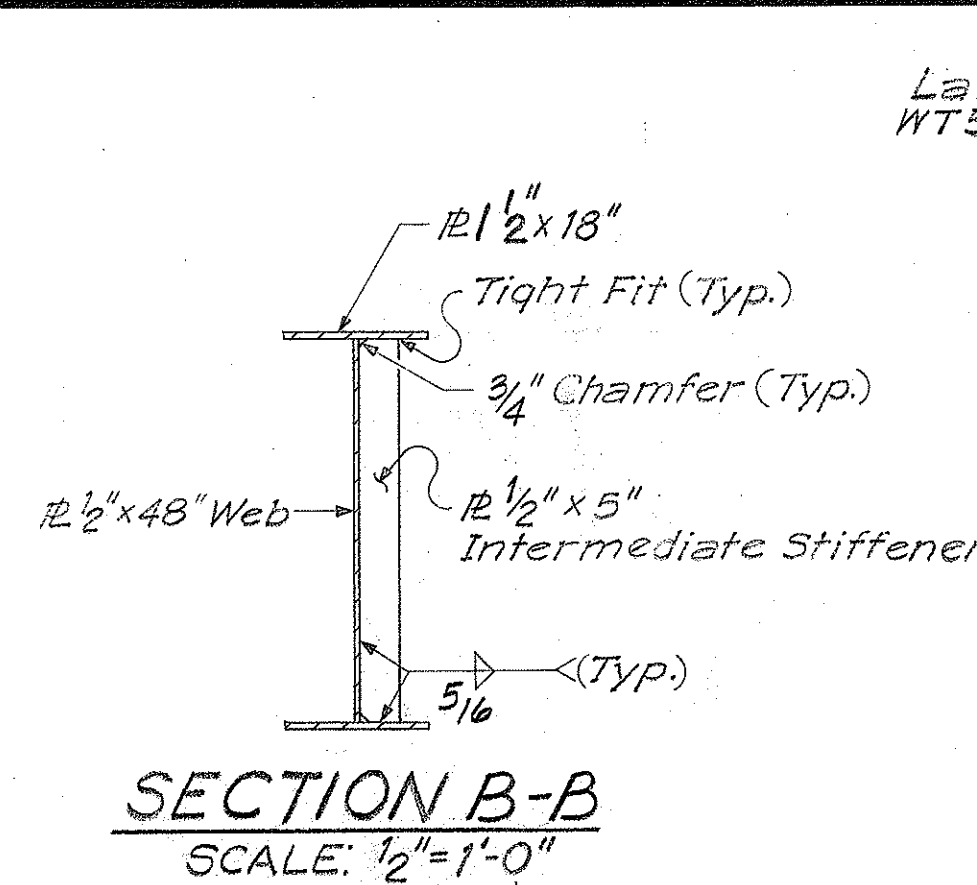
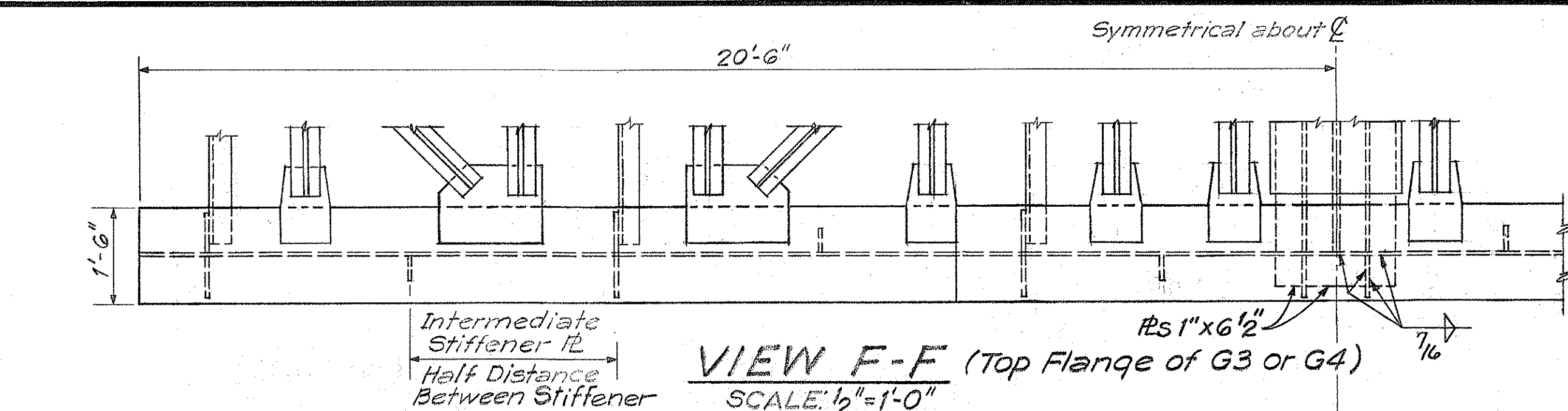
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
John P. Johnson

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KEEHI INTERCHANGE
FIELD TESTING PROGRAM
LOADING FRAME PLAN
ALTERNATIVE BID ITEM NO. 1

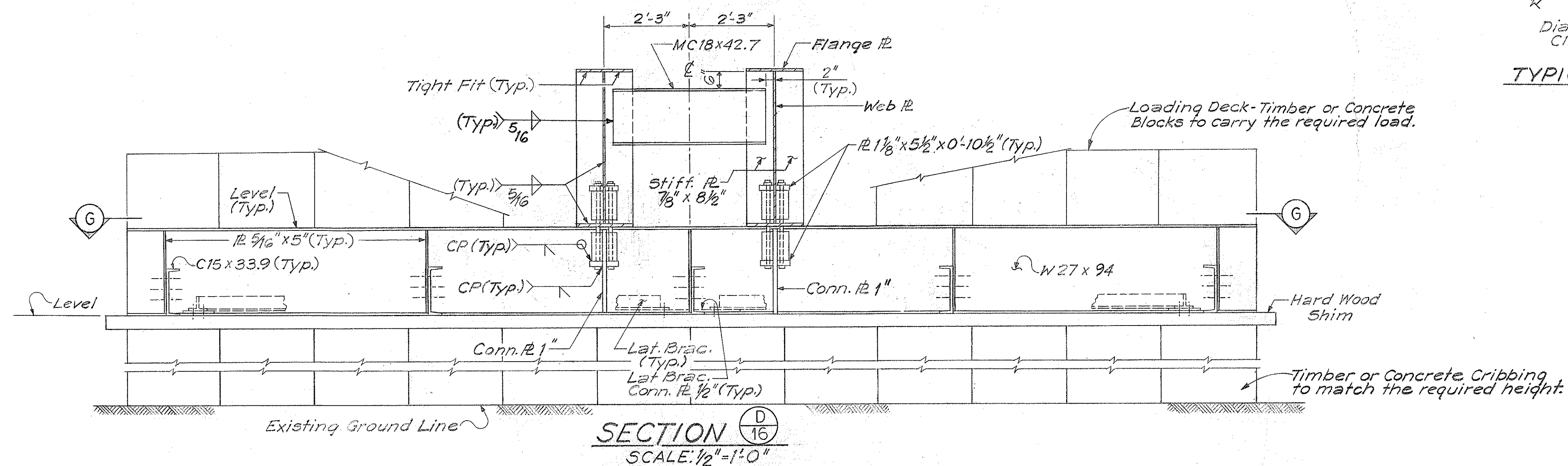
INTERSTATE ROUTE H-1
PROJECT NO. I-H-1(85)
SCALE: AS SHOWN
DATE: 3/31/70
SHEET NO. 15 OF 35 SHEETS

* Set Test Plate in high-strength quick-setting grout. Set on pile so as to obtain full bearing. $\bar{\bar{P}}$ surfaces receiving grout need not be planed.

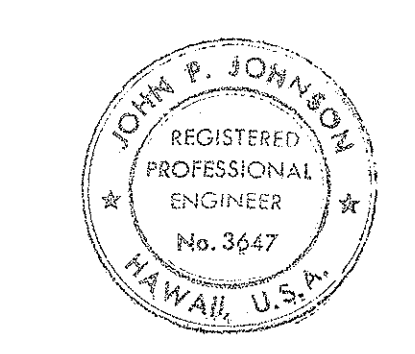
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(85)	1970	16	35



NOTES:
1. For "Loading Frame Notes" see Sheet No. 15.



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
NO.	_____



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
John P. Johnson

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KEEHI INTERCHANGE
FIELD TESTING PROGRAM

LOADING FRAME SECTIONS

INTERSTATE ROUTE H-1
PROJECT NO. I-H-1(85)
SCALE: AS SHOWN DATE: 3/21/70
SHEET No. 16 OF 35 SHEETS