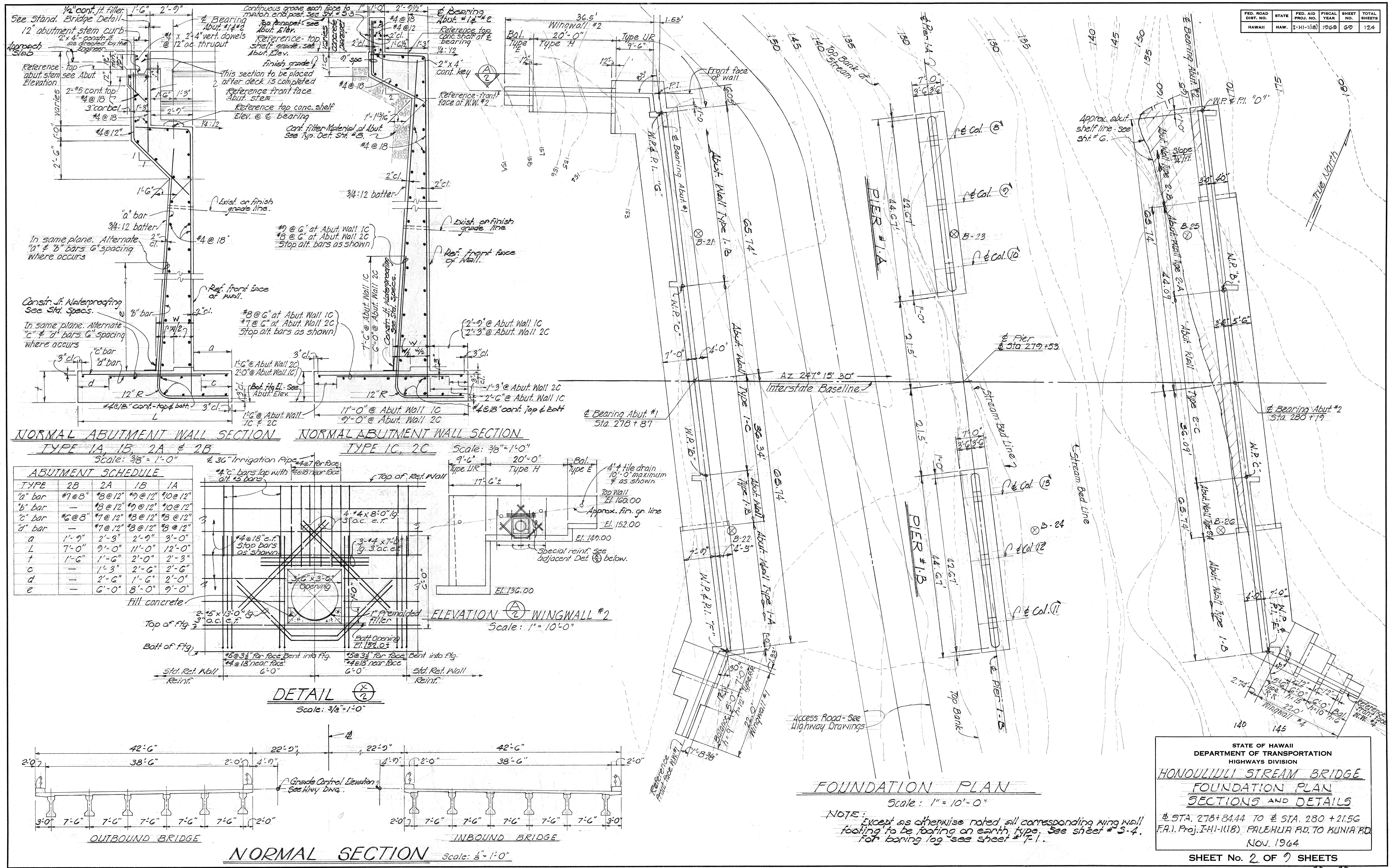


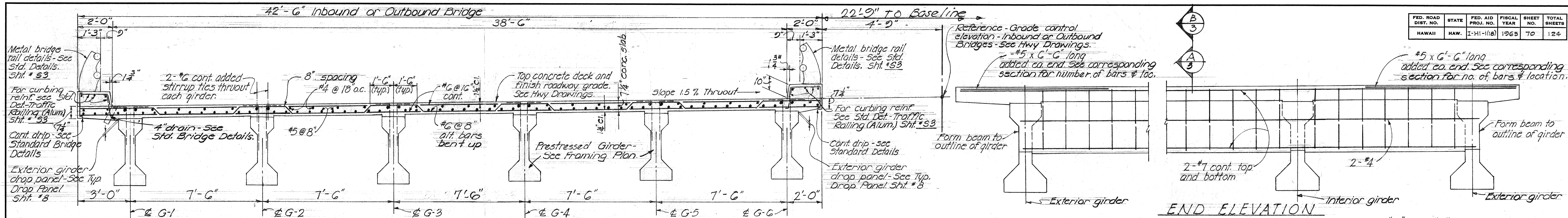


STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

HONOLULU STREAM BRIDGE
FOUNDATION PLAN
SECTIONS AND DETAILS

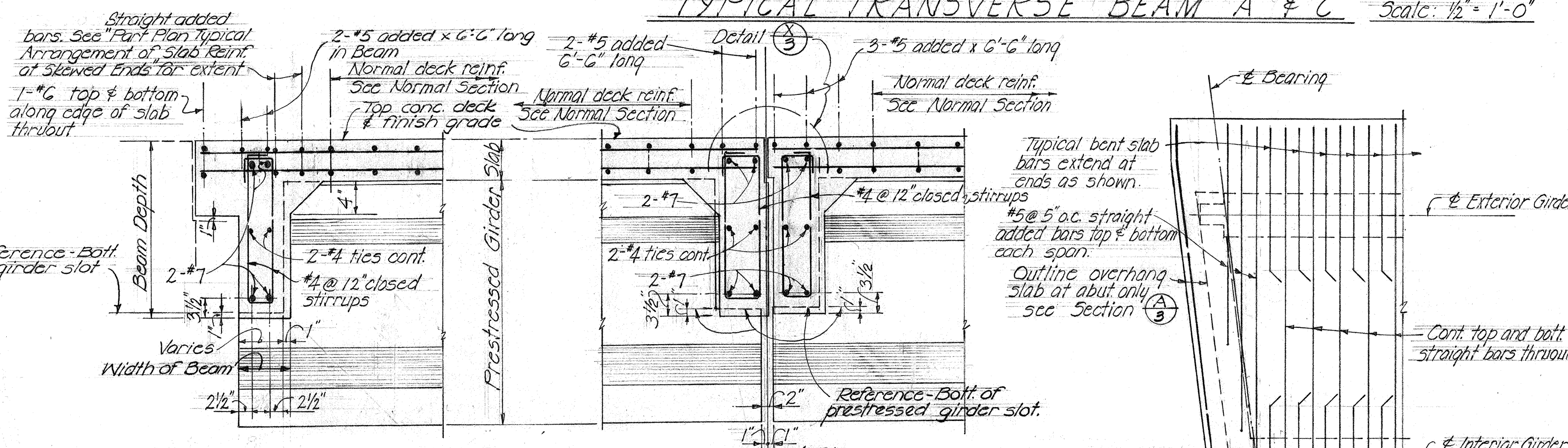
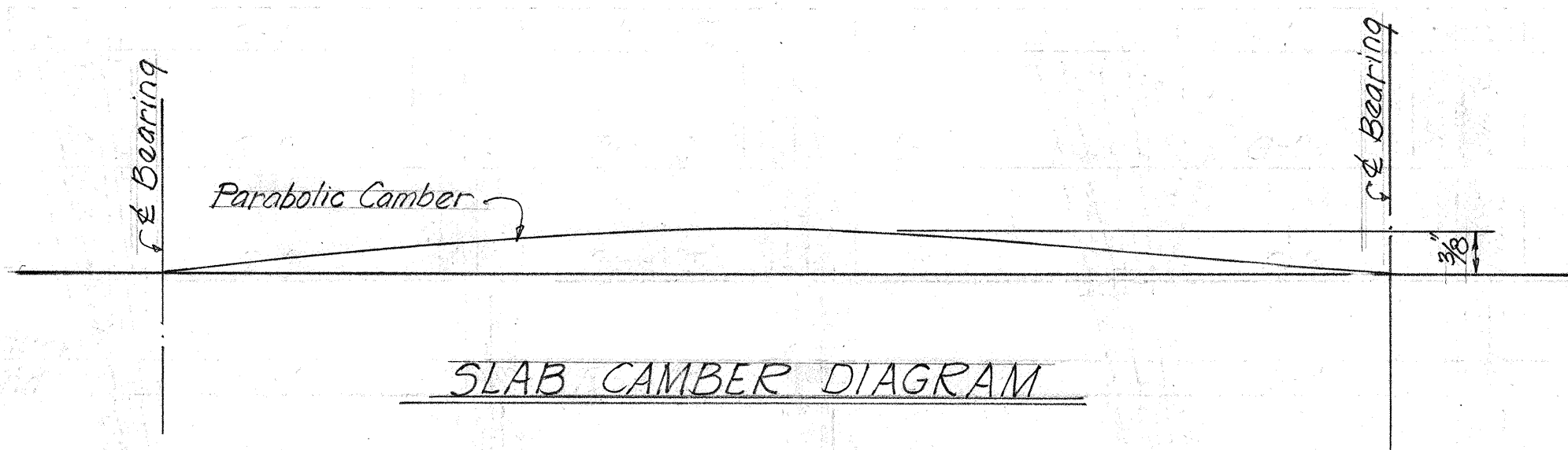
± STA. 278+84.44 TO ± STA. 280+21.56
 F.A.I. Proj. I-11-11(18) PALEHUA RD. TO KUNIA RD.
 NOV. 1964

SHEET No. 2 OF 9 SHEETS



NORMAL SECTION - INBOUND OR OUTBOUND BRIDGE
Scale: 3/8" = 1'-0"

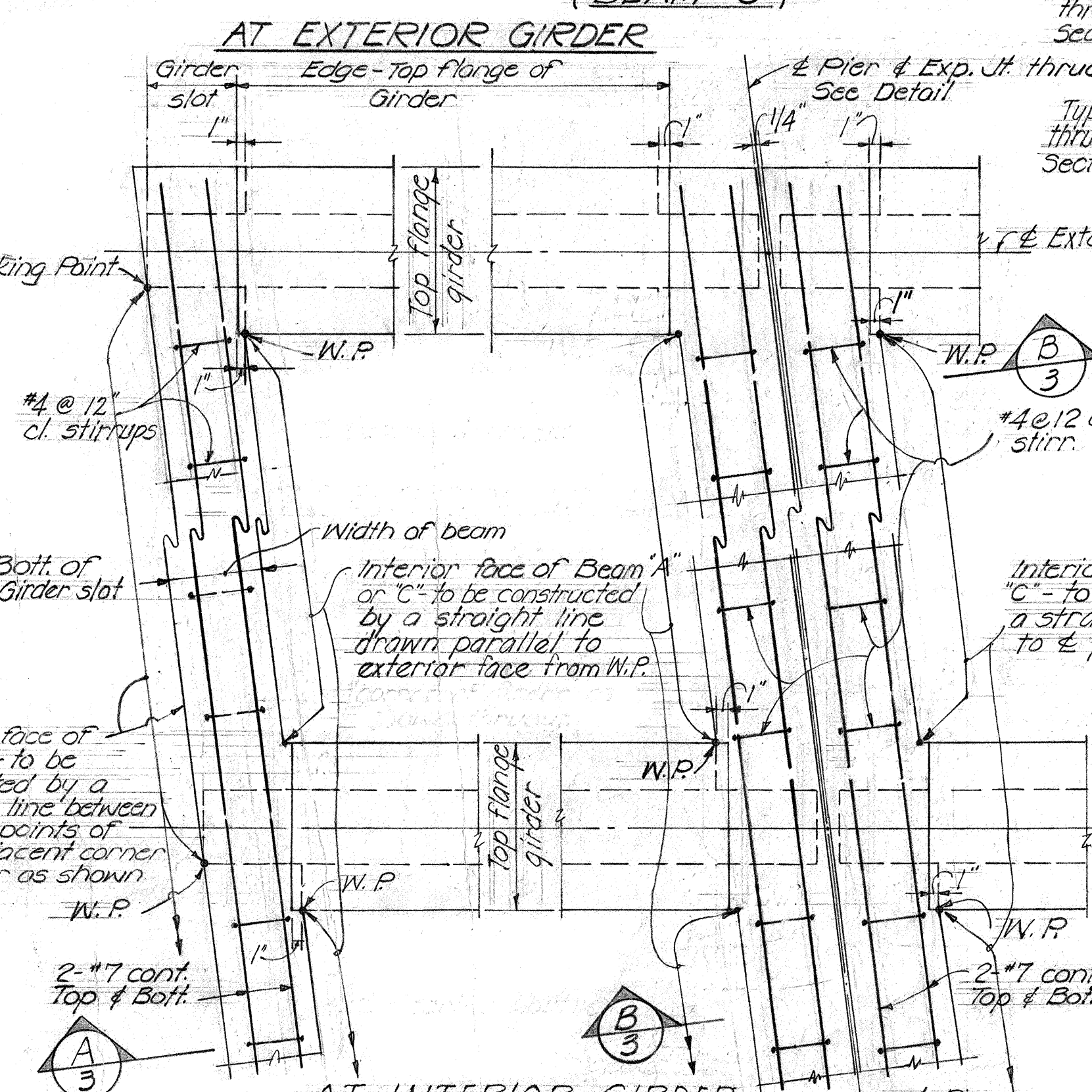
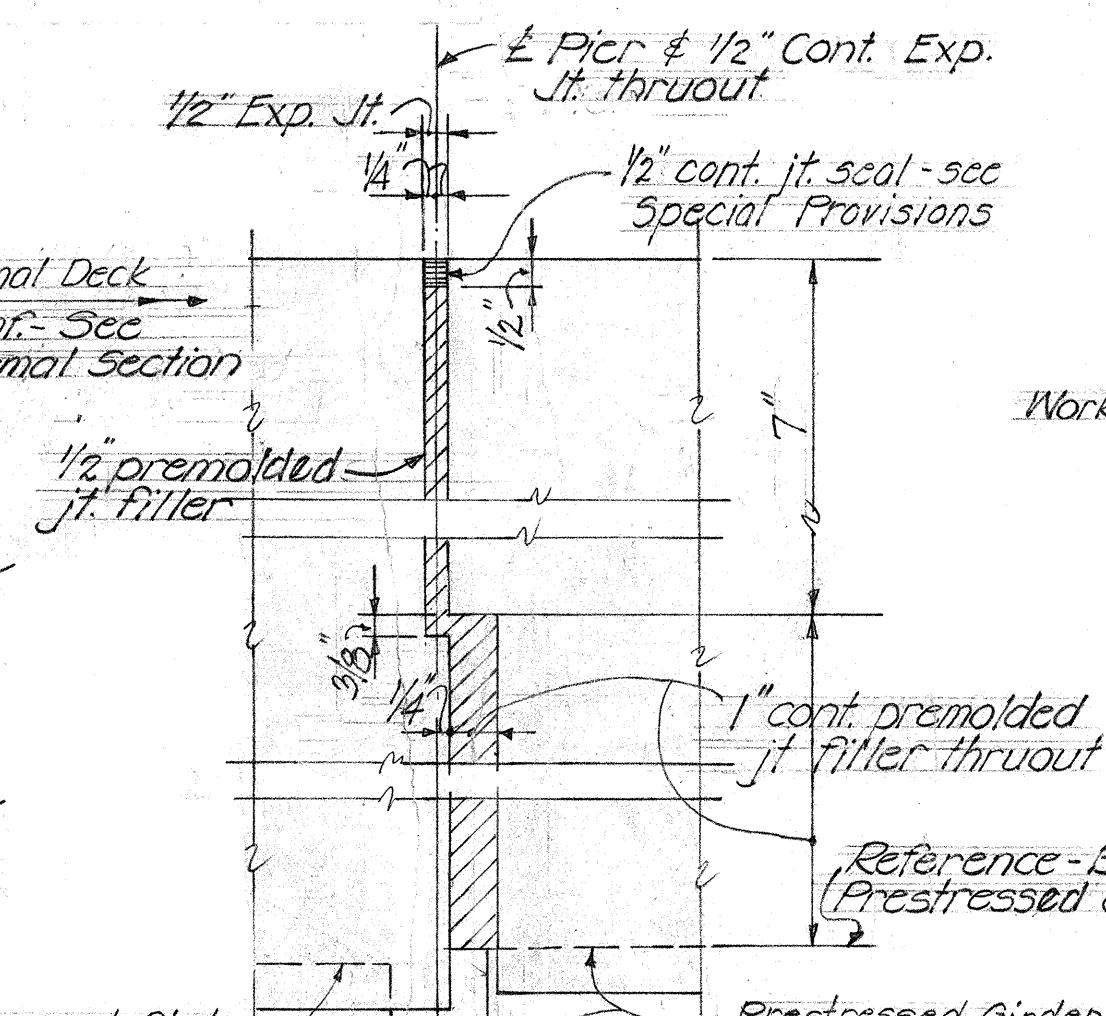
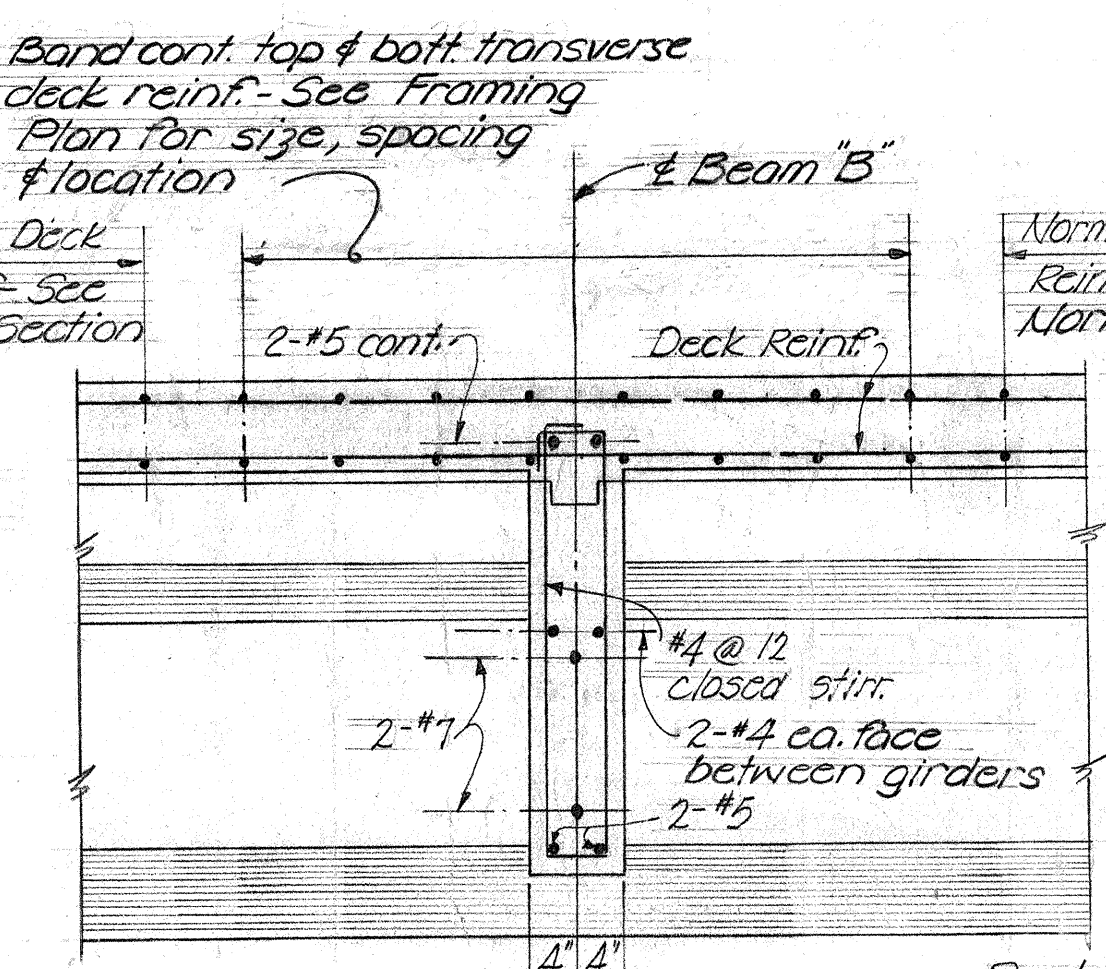
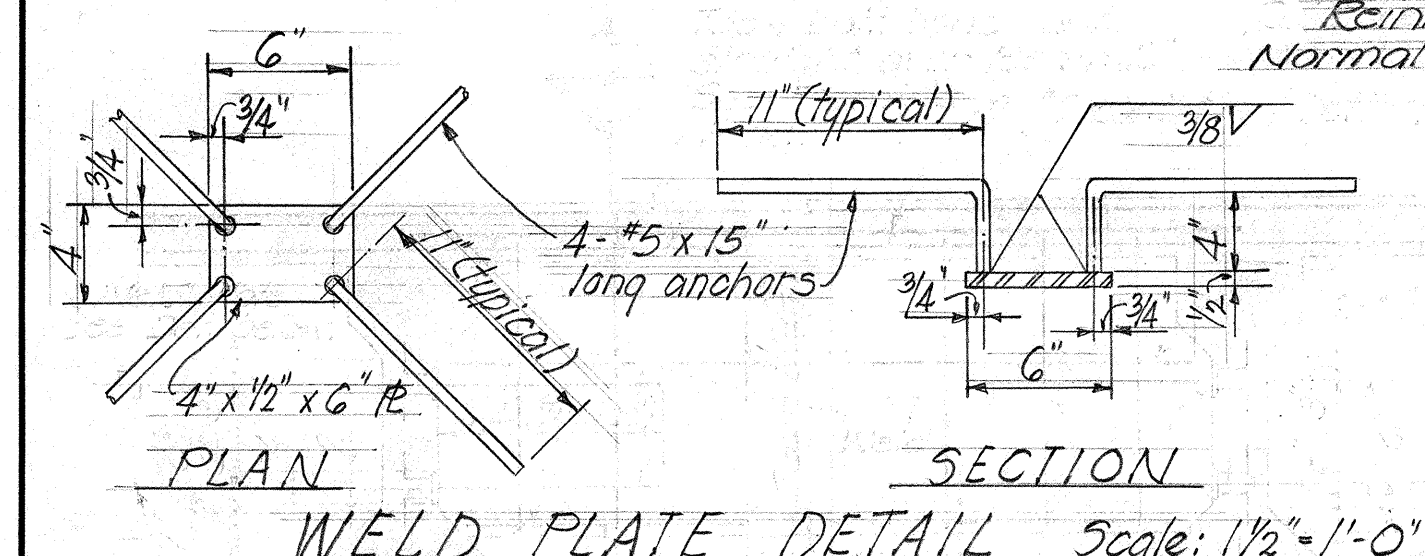
NOTE:
Depending on the initial camber of the prestressed girders, the slab camber shown may have to be altered to get the final finish grade at the top of the deck. Actual camber to be determined in the field by the Engineer.



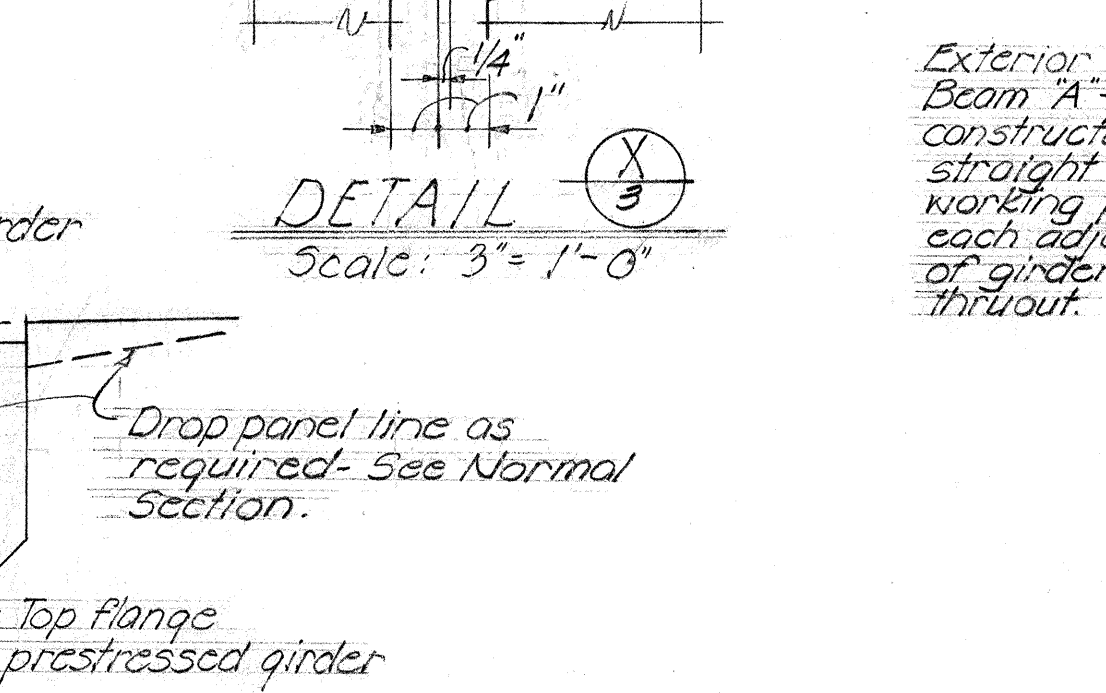
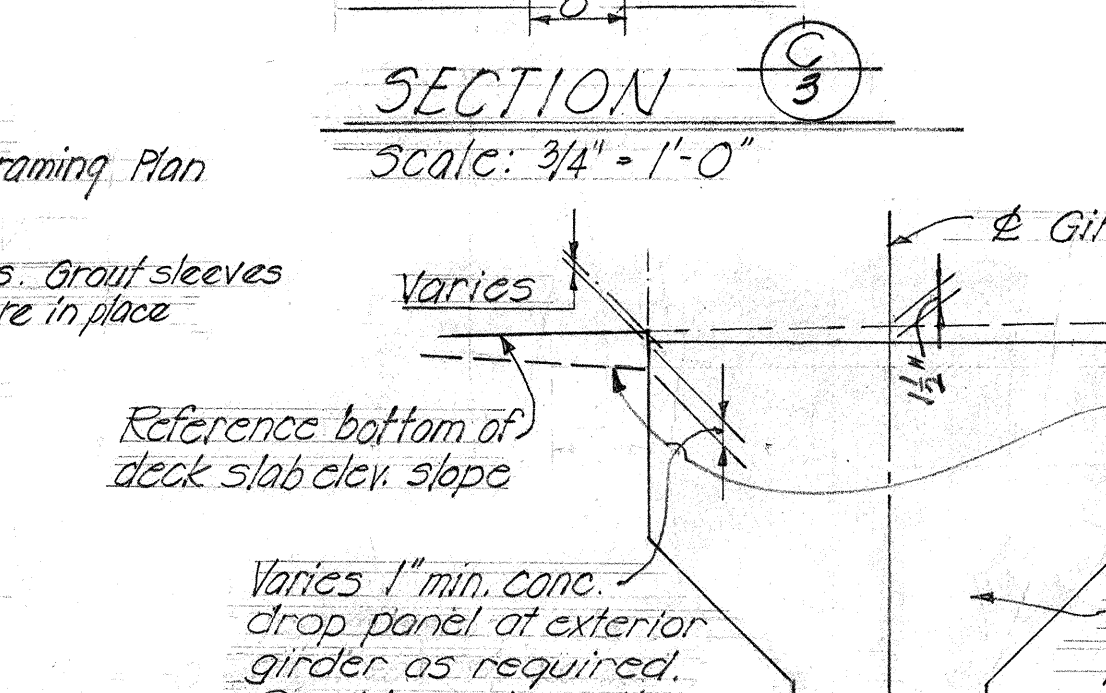
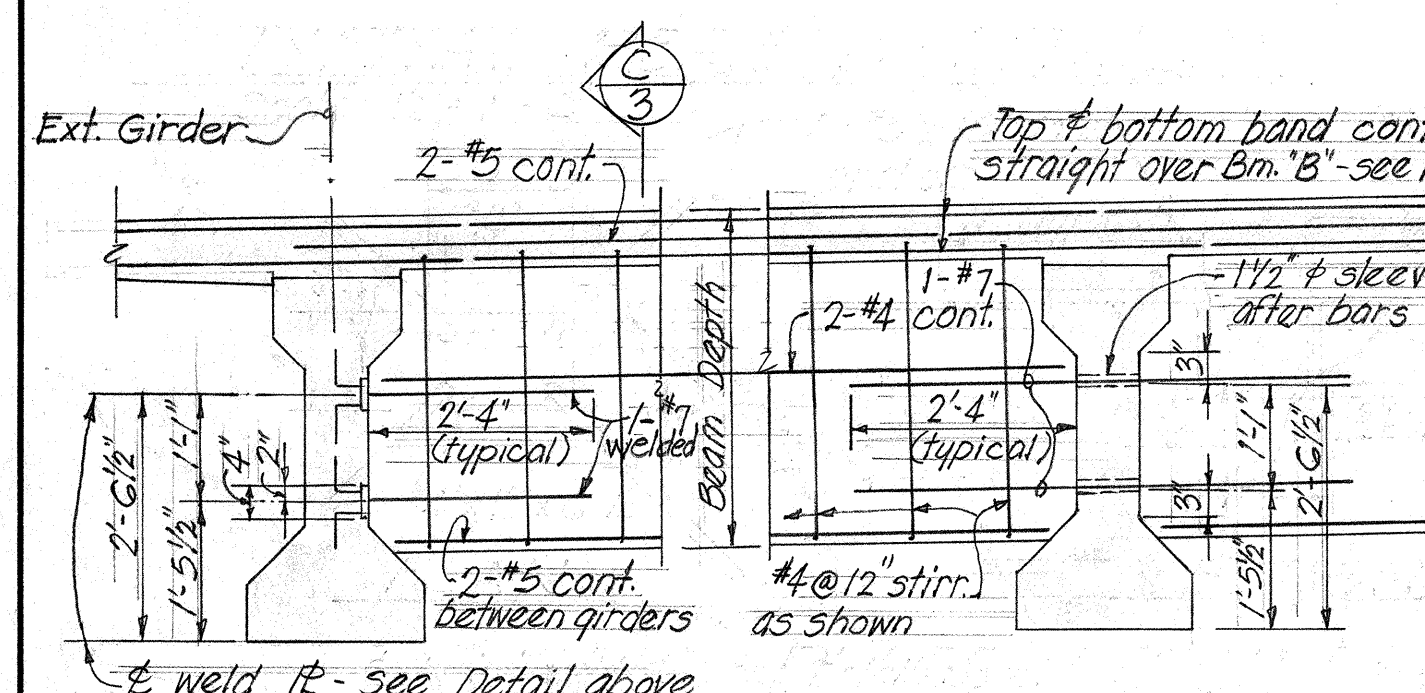
SECTION (BEAM "A")
Scale: 3/4" = 1'-0"

SECTION (BEAM "C")
Scale: 3/4" = 1'-0"

Note: Weld to incidental to prestressed girder & not paid for separately.



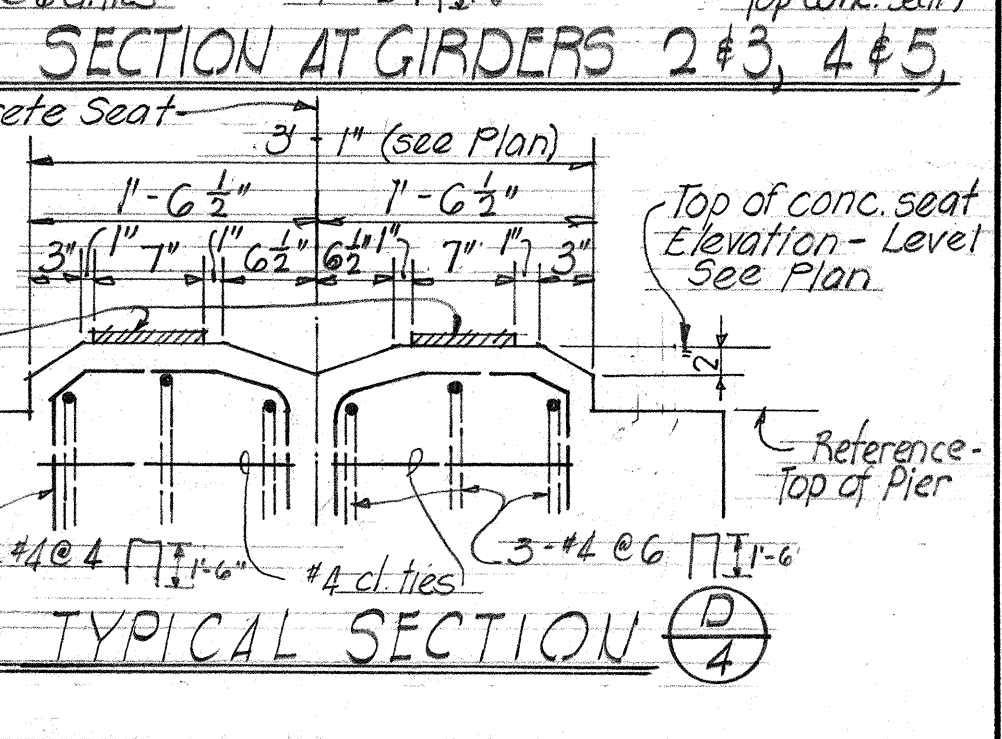
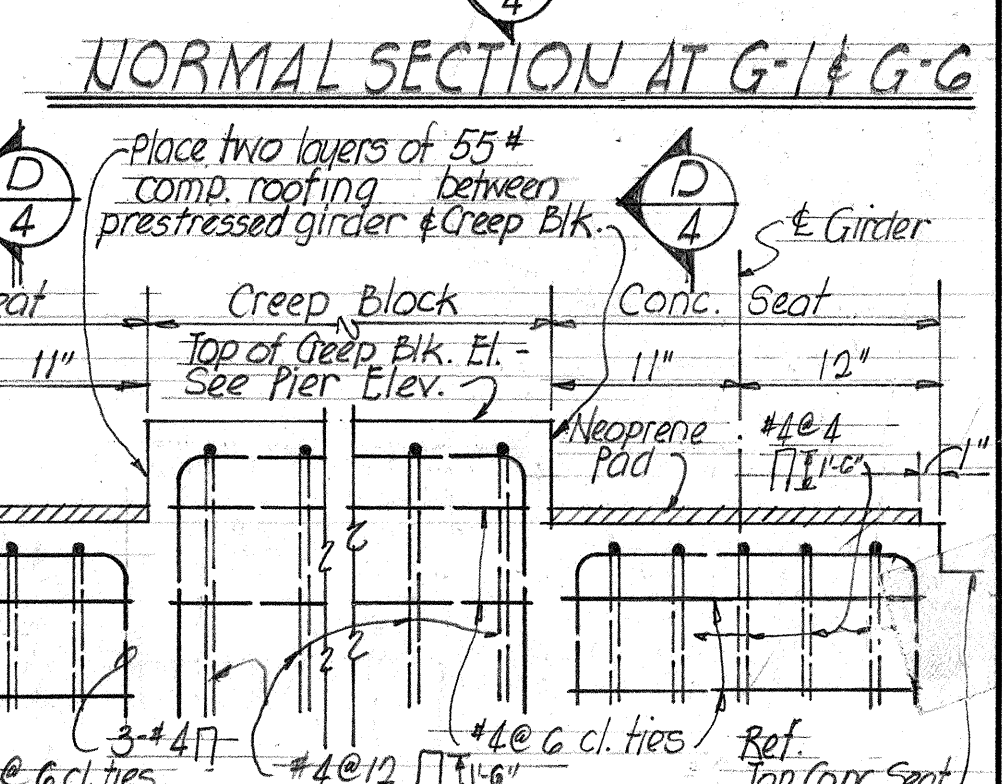
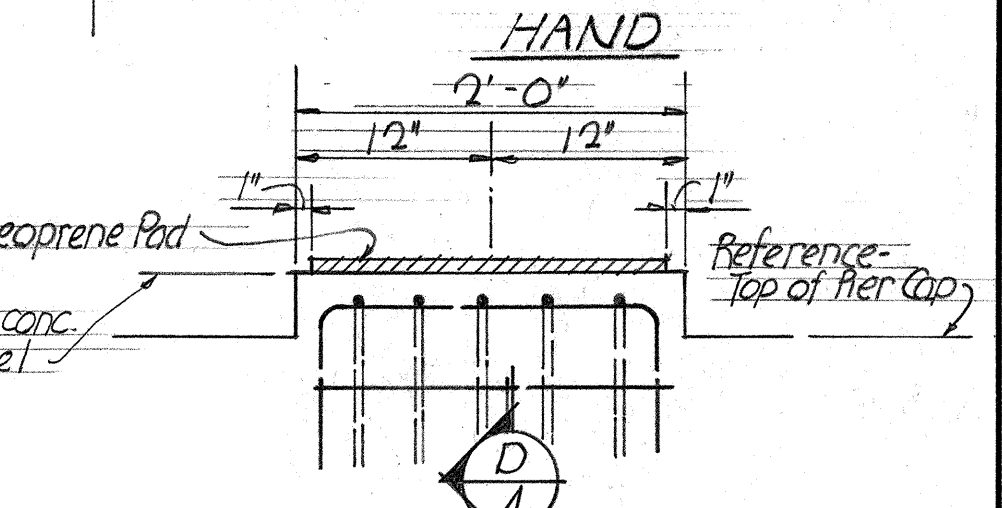
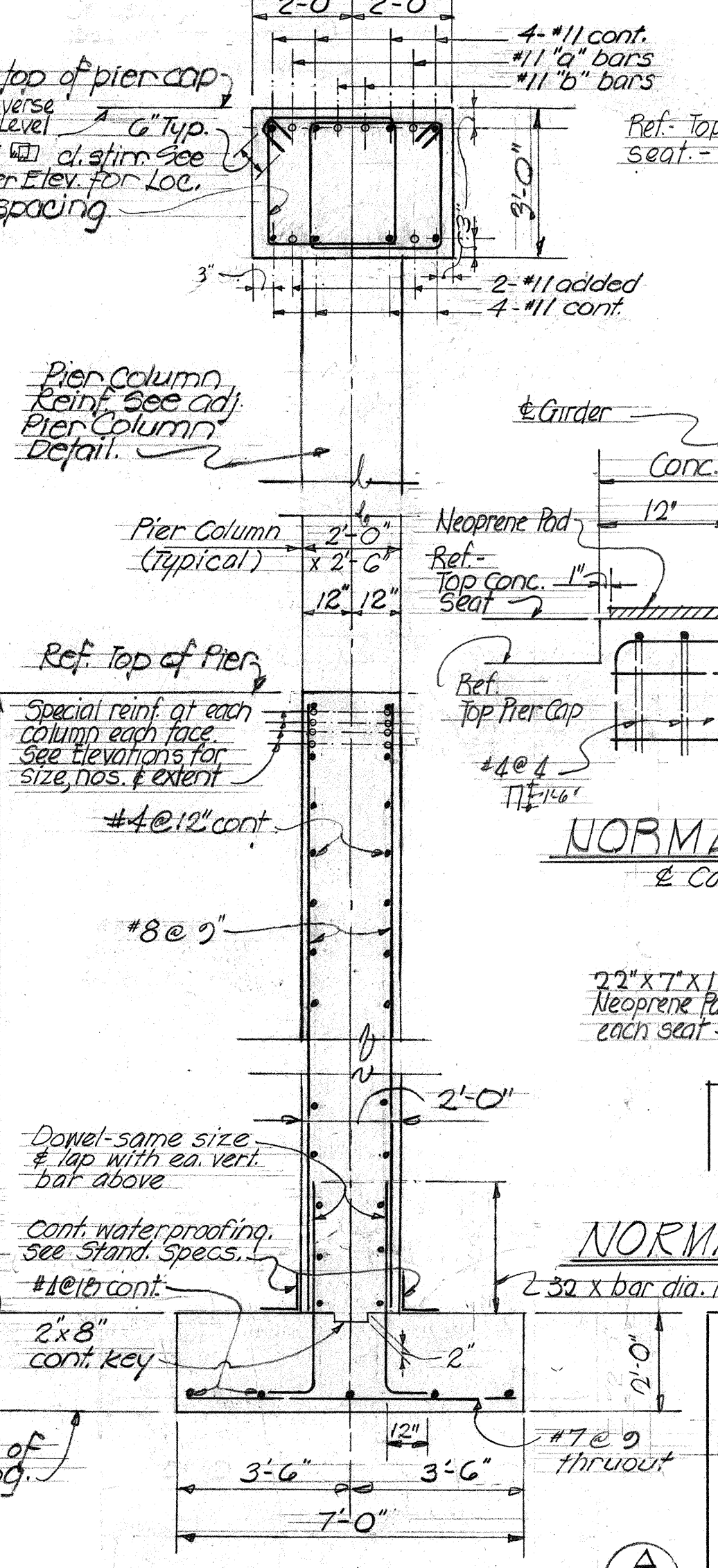
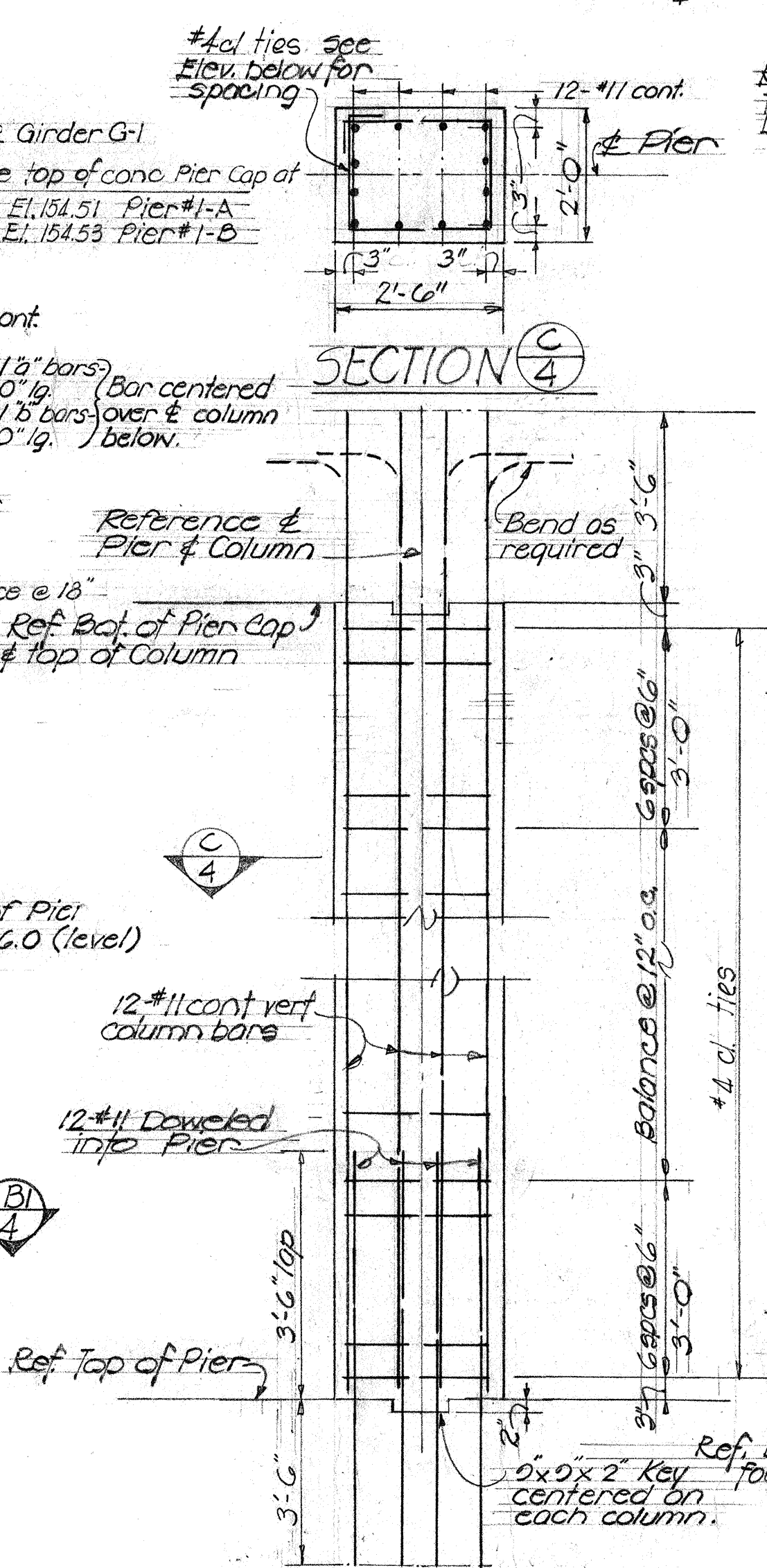
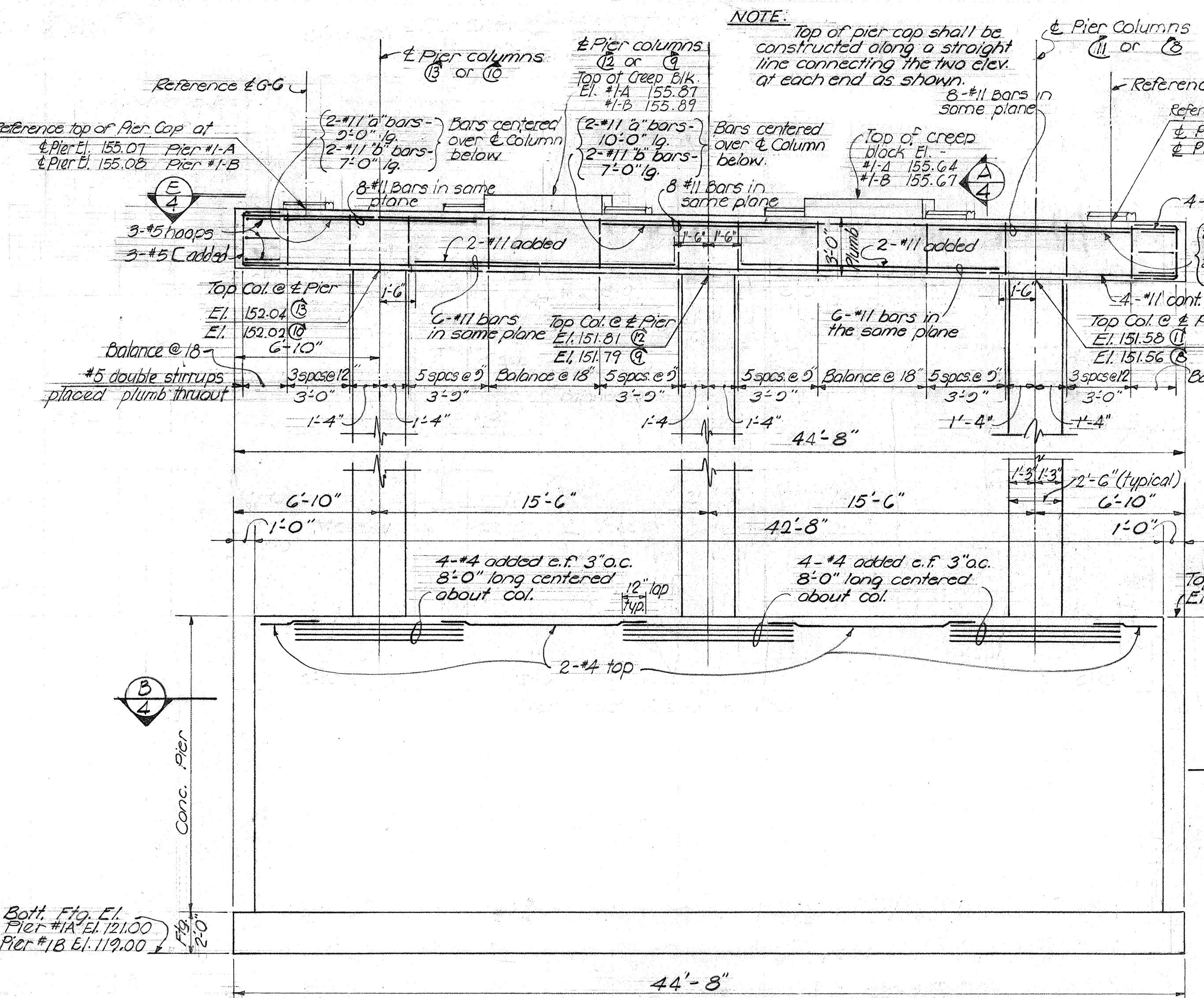
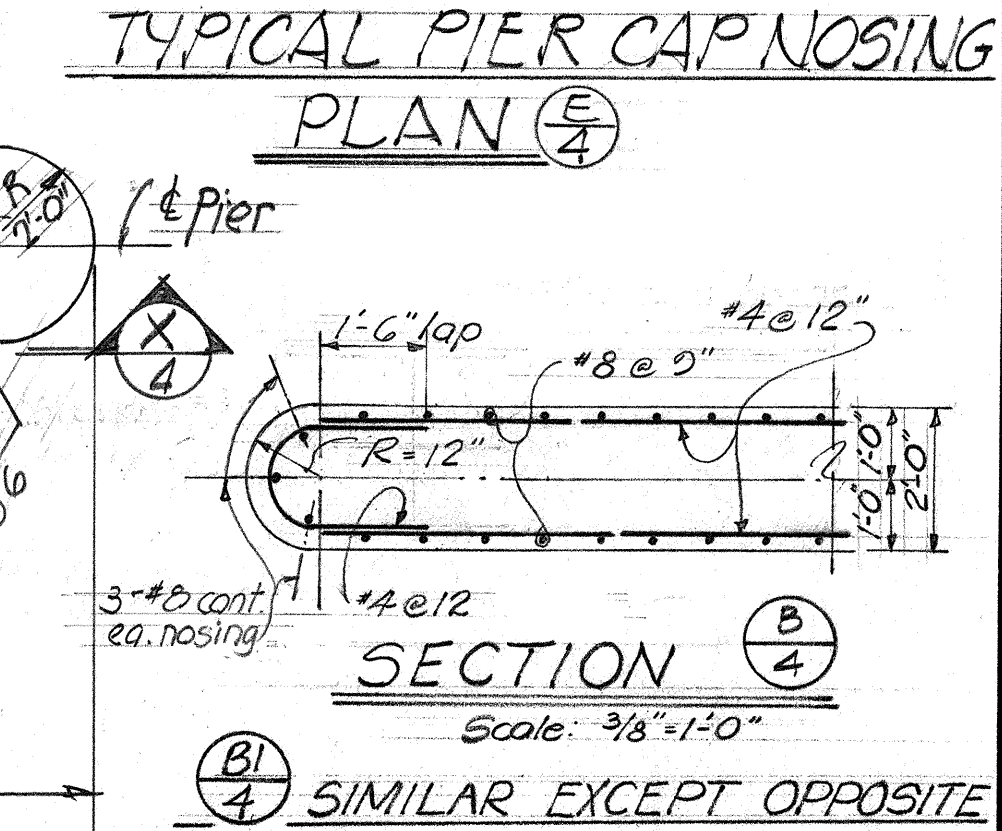
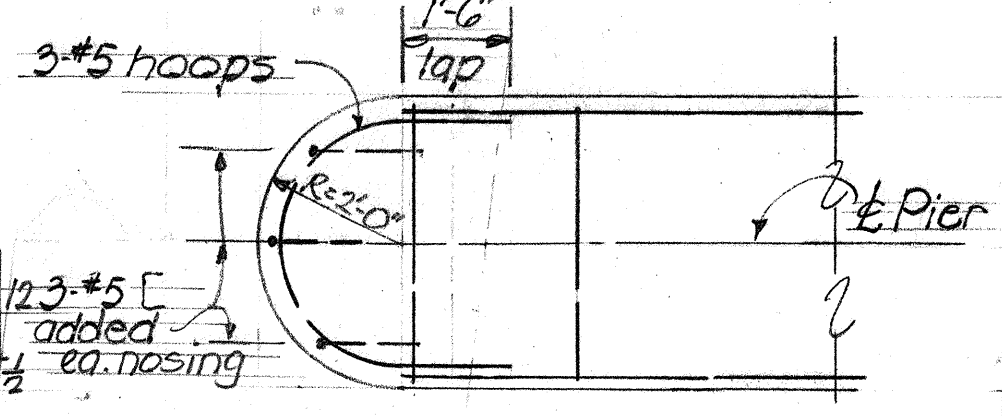
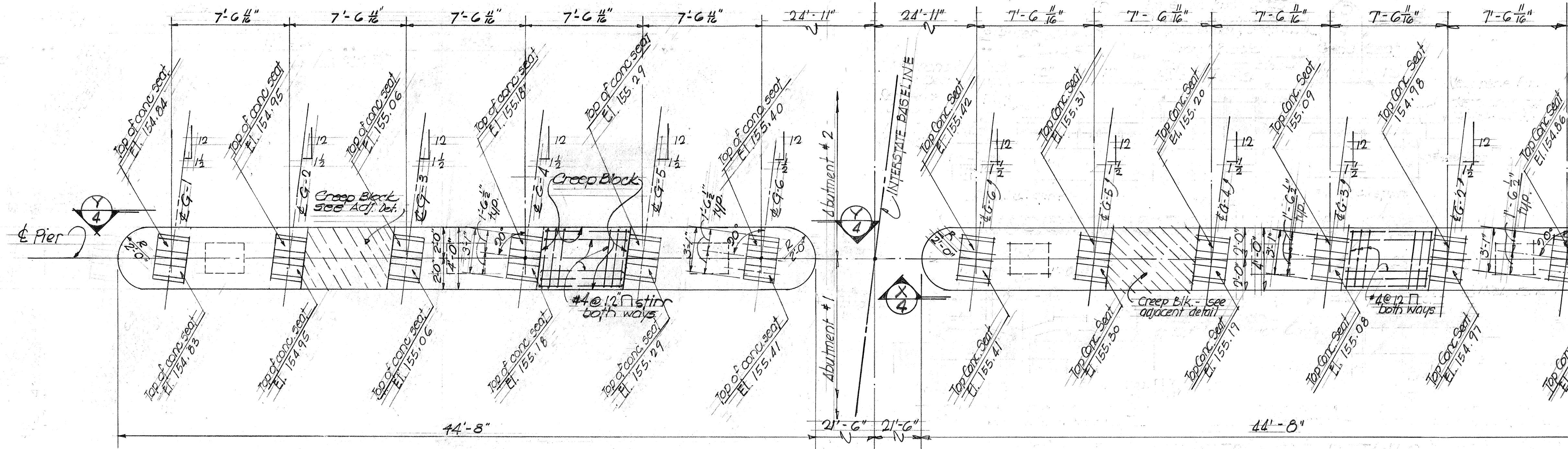
PART PLAN TYPICAL ARRANGEMENT OF TRANSVERSE SLAB REINFORCEMENT AT SKEWED ENDS



AT INTERIOR GIRDER
TRANSVERSE BEAM "A" TRANSVERSE BEAM "C"
PLAN - TYPICAL ARRANGEMENT & LOCATION OF TRANSVERSE BEAM REINF. AT GIRDERS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU STREAM BRIDGE
DECK SECTIONS AND DETAILS
Sta. 278+84.44 TO Sta. 280+21.56
F.A.I. Proj. I-11-118) PALEHUA RD. TO KUNIA RD.
Nov. 1964
SHEET No. 3 OF 9 SHEETS

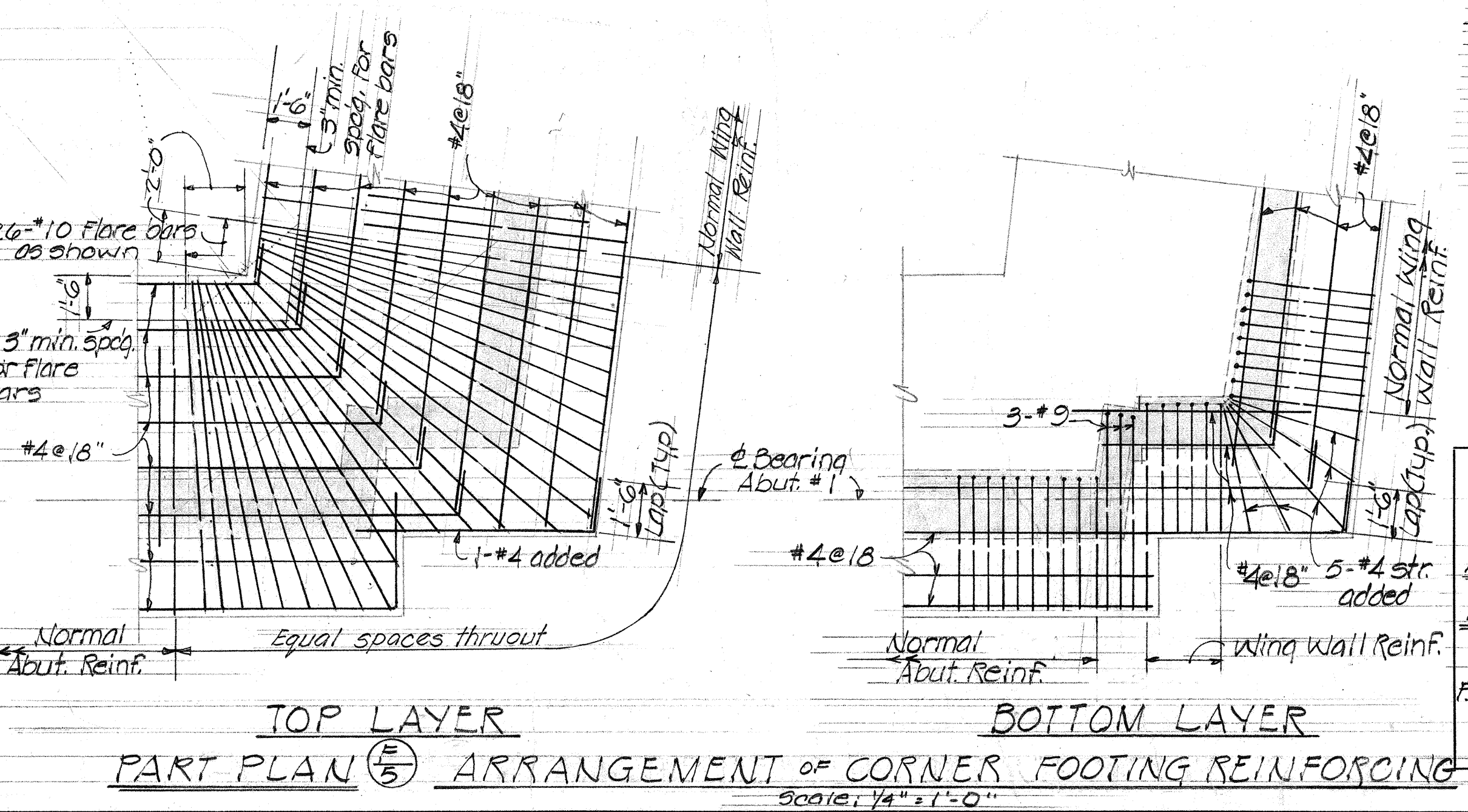
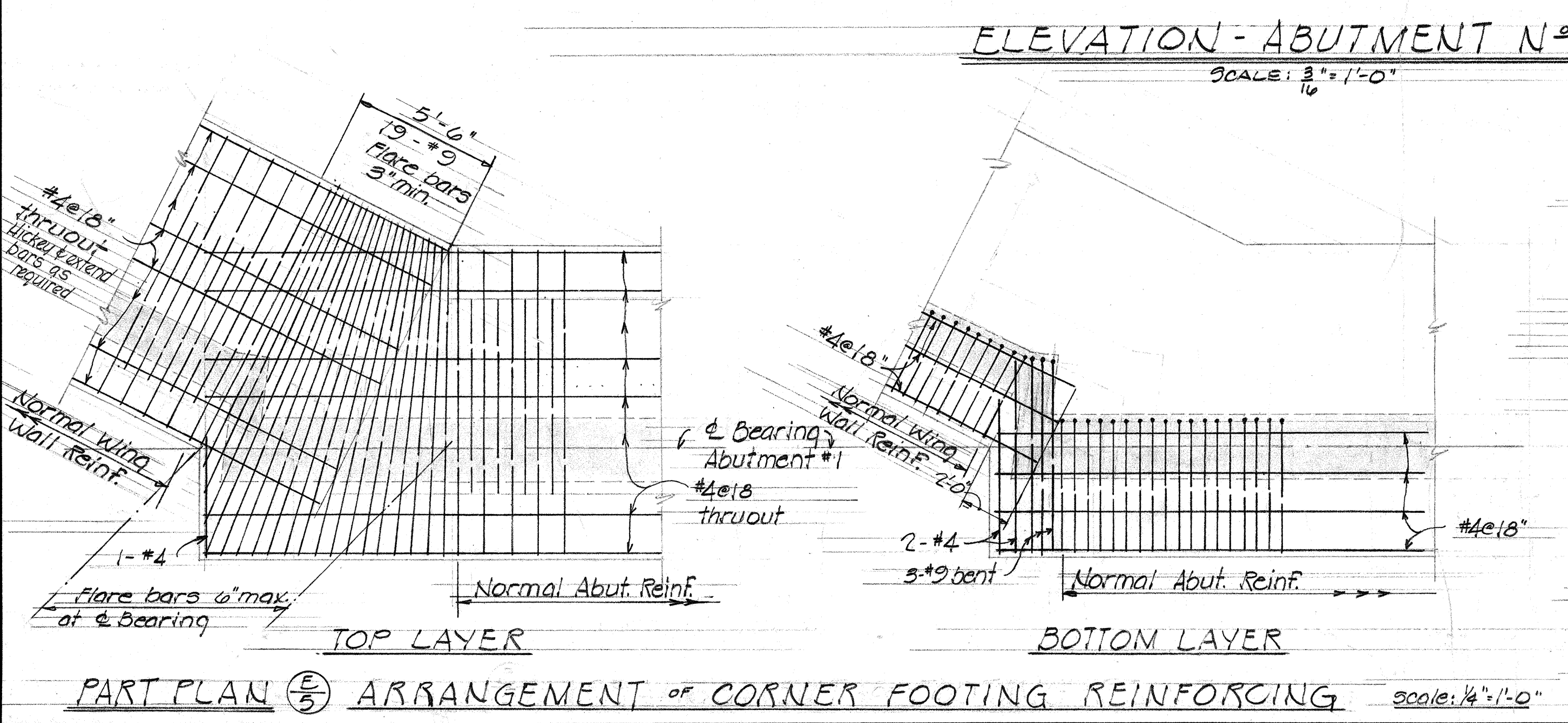
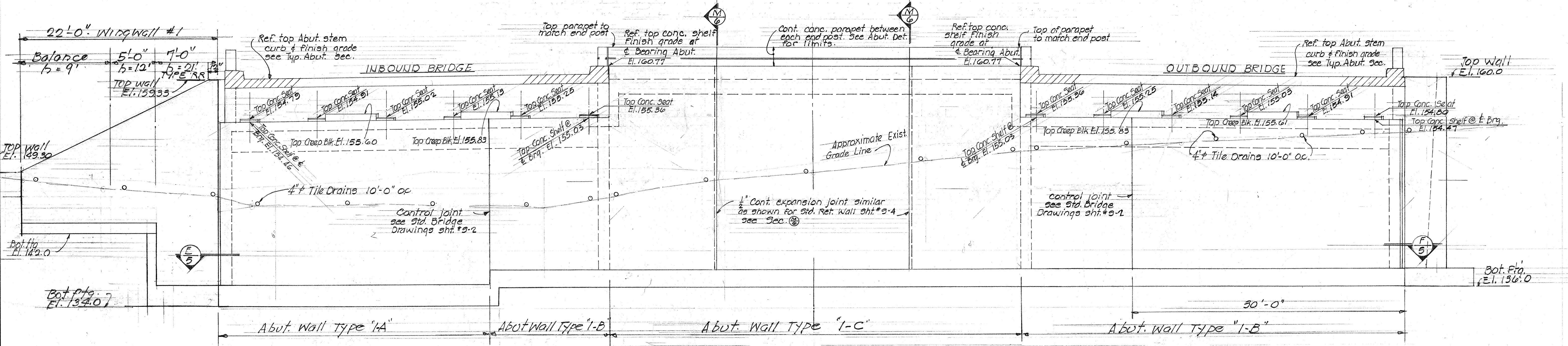
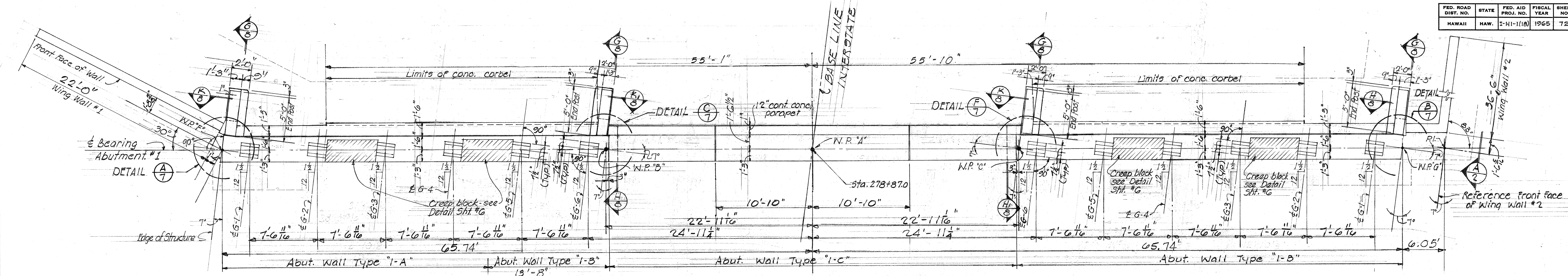
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-11-118	1965	75	124



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU STREAM BRIDGE
PIER DETAILS
Sta. 278+84.44 TO Sta. 280+21.56
F.R.I. Proj. I.H.I-118) PALEHUA RD. TO MUNIA RD.
NOV. 1964

ORIGINAL
PLAN
DRAWN BY
CHECKED BY
DATE
Nov. 24
1964

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-11(18)	1965	72	124



Notes: Refer to Standard Retaining Wall Type 1-1, Sht. #54 for corresponding Wing Wall Stem Type Rein. & Details. For corresponding Abut. Wall Type Sections & Details see Sht. #2. For Typical Concrete Seat & Creep Block Details & Rein. see Sht. #6.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

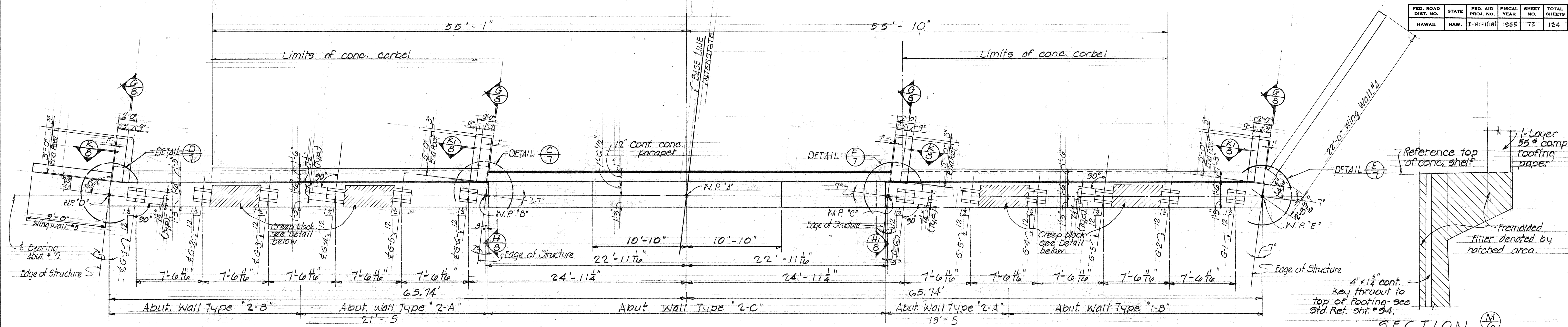
**HONOLULU STREAM BRIDGE
ABUTMENT #1 AND DETAILS**

Sta. 278+84.44 TO Sta. 280+21.56
F.A.I. Proj. I-HI-11(18) PALEHUA RD. TO KUNIA RD.
NOV. 1964

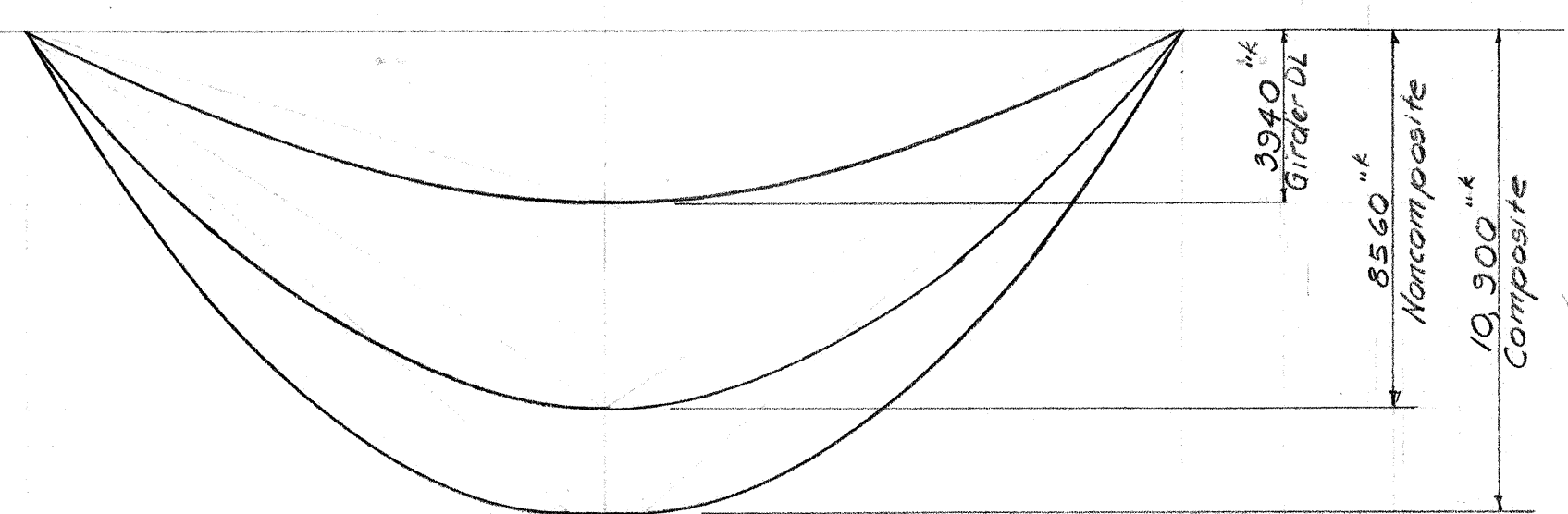
SHEET No. 5 OF 9 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	11/6/64
DESIGNED BY	HE
QUANTITIES BY	SY
CHECKED BY	LA
ORIGINAL PLAN	
NOTE BOOK	
No.	

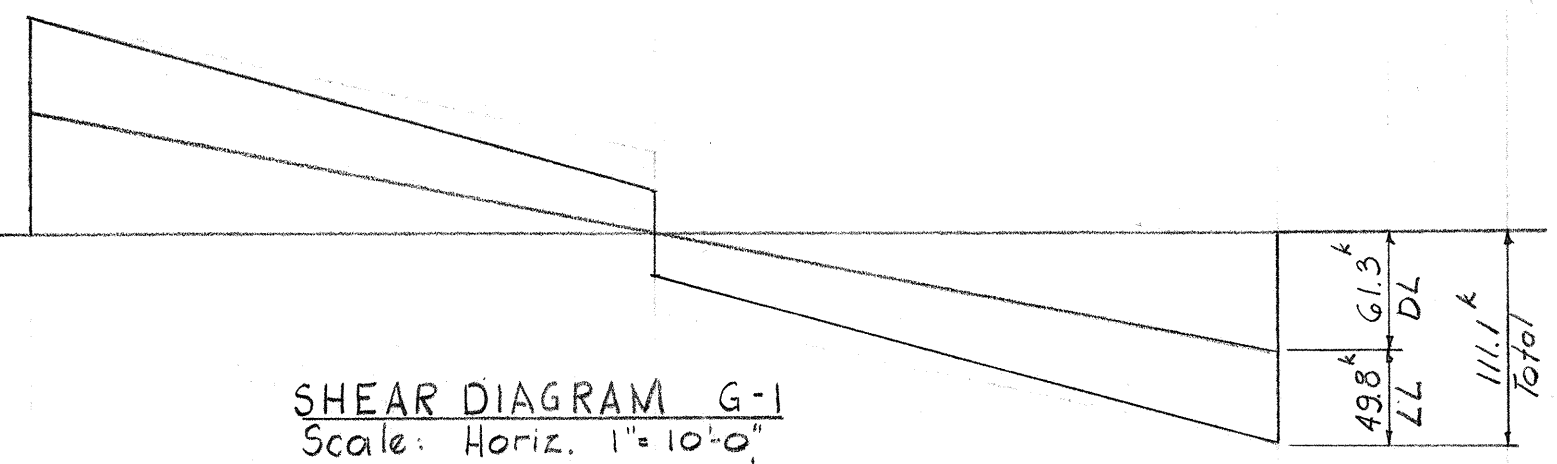
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-11-1(18)	1965	73	124



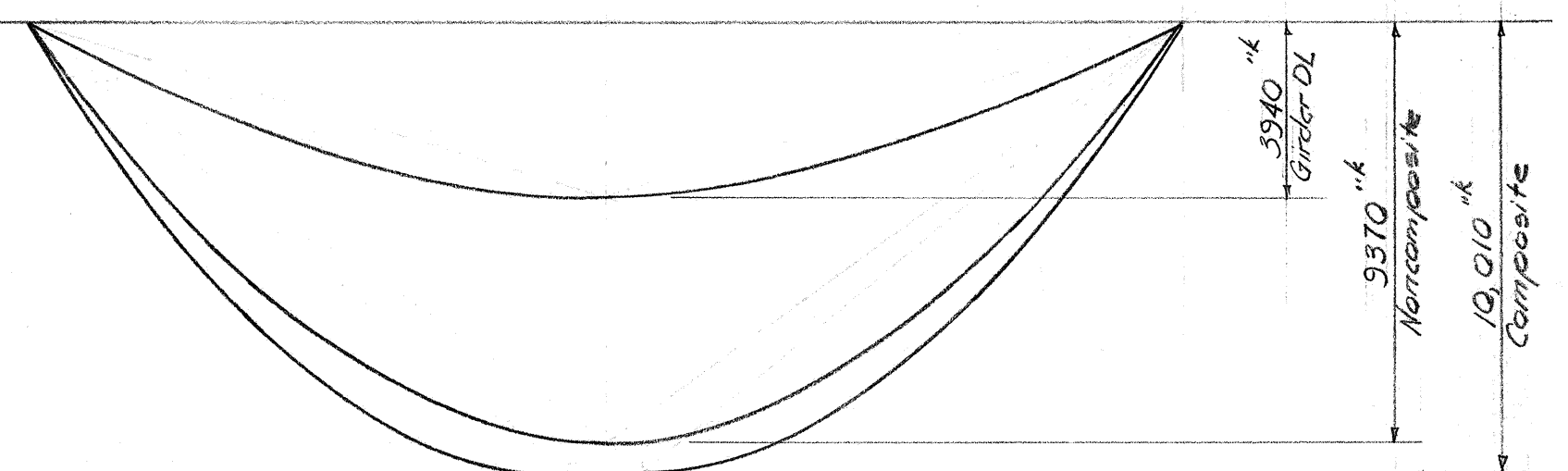
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-11-1(16)	1965	75	124



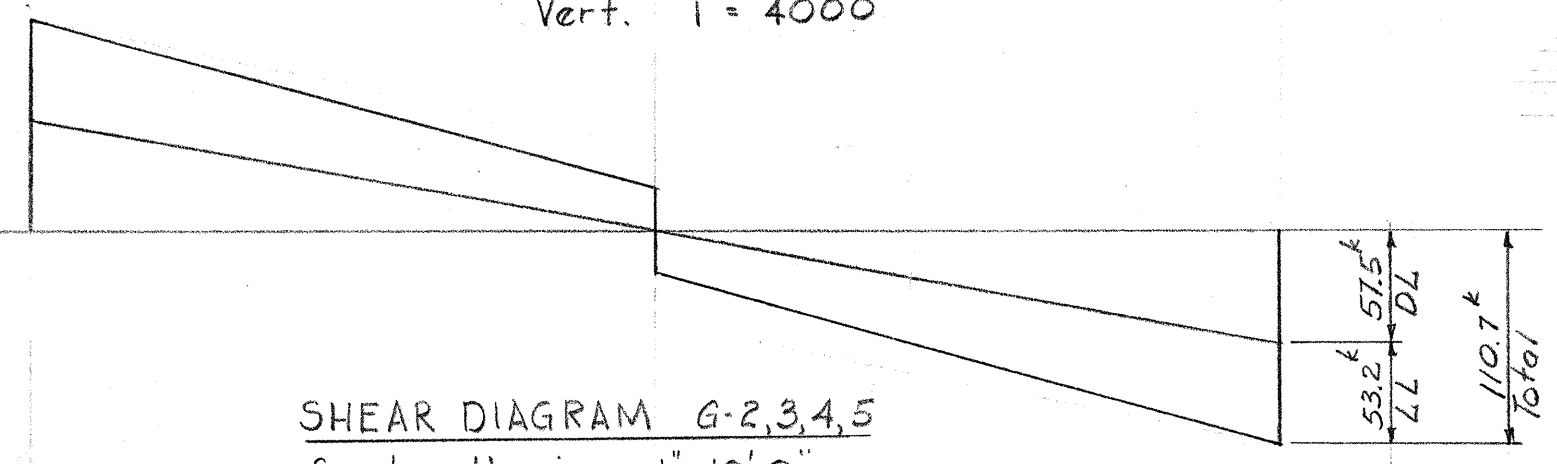
MOMENT DIAGRAM G-1
Scale: Horiz. 1"=10'-0"
Vert. 1"=4000 k



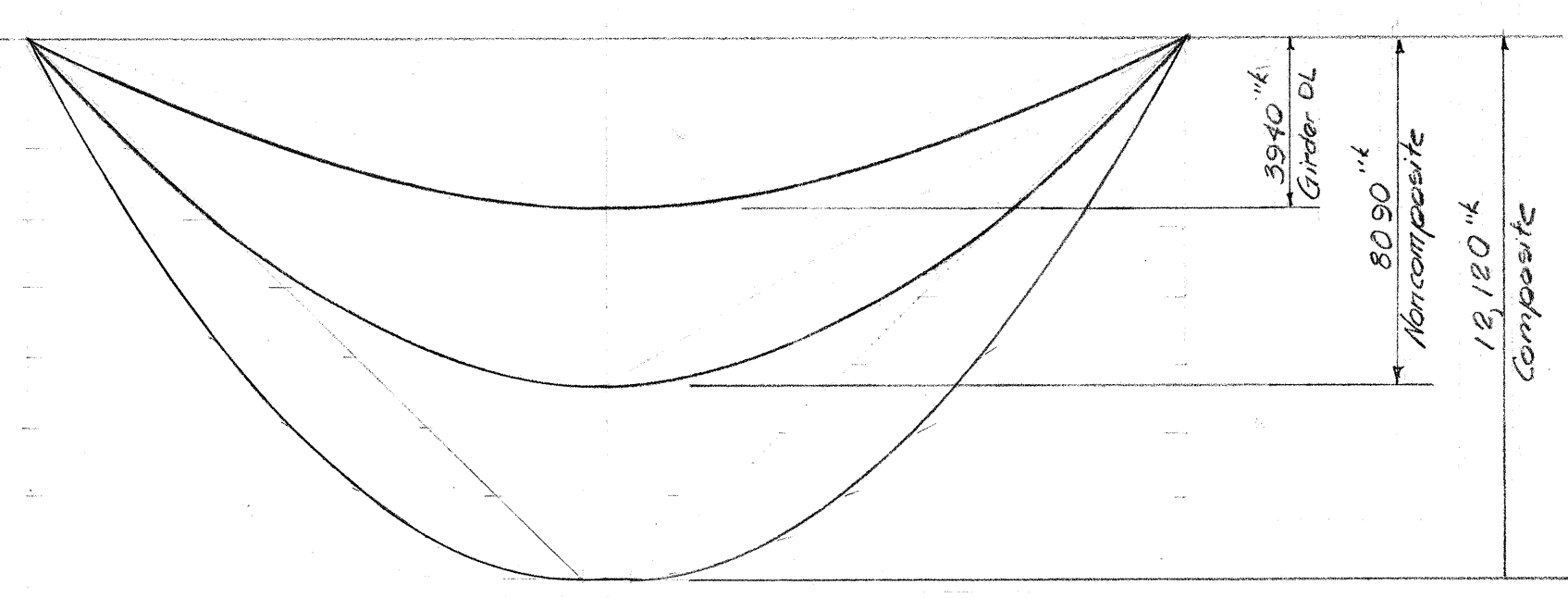
SHEAR DIAGRAM G-1
Scale: Horiz. 1"=10'-0"
Vert. 1"=100 k



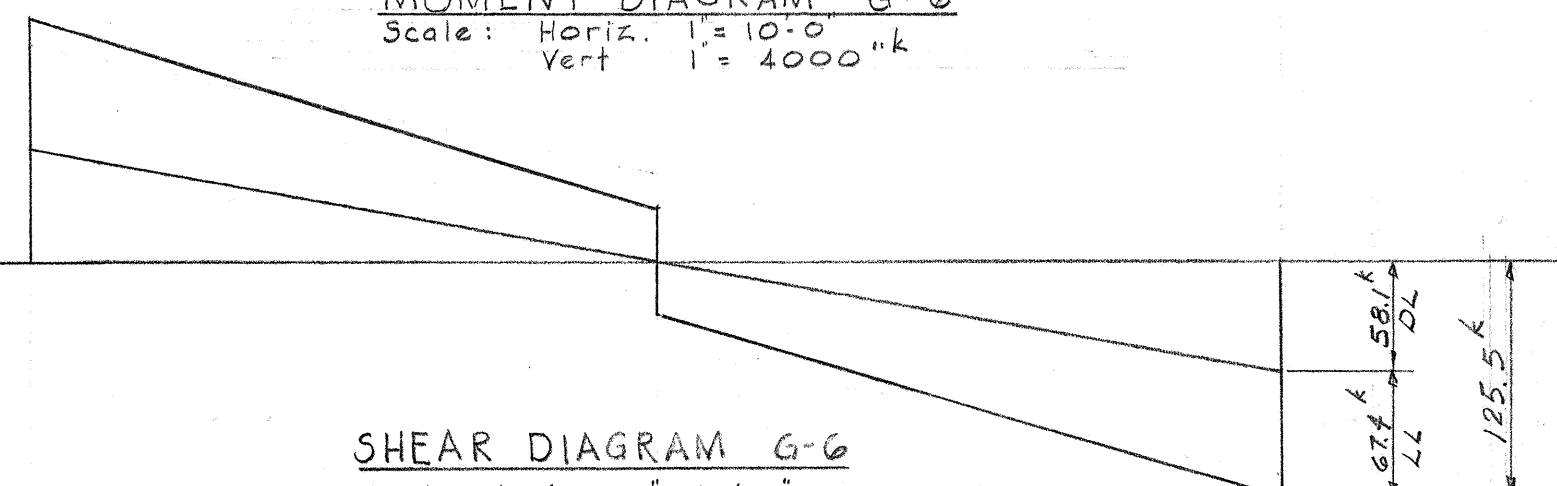
MOMENT DIAGRAM G-2,3,4,5
Scale: Horiz. 1"=10'-0"
Vert. 1"=4000 k



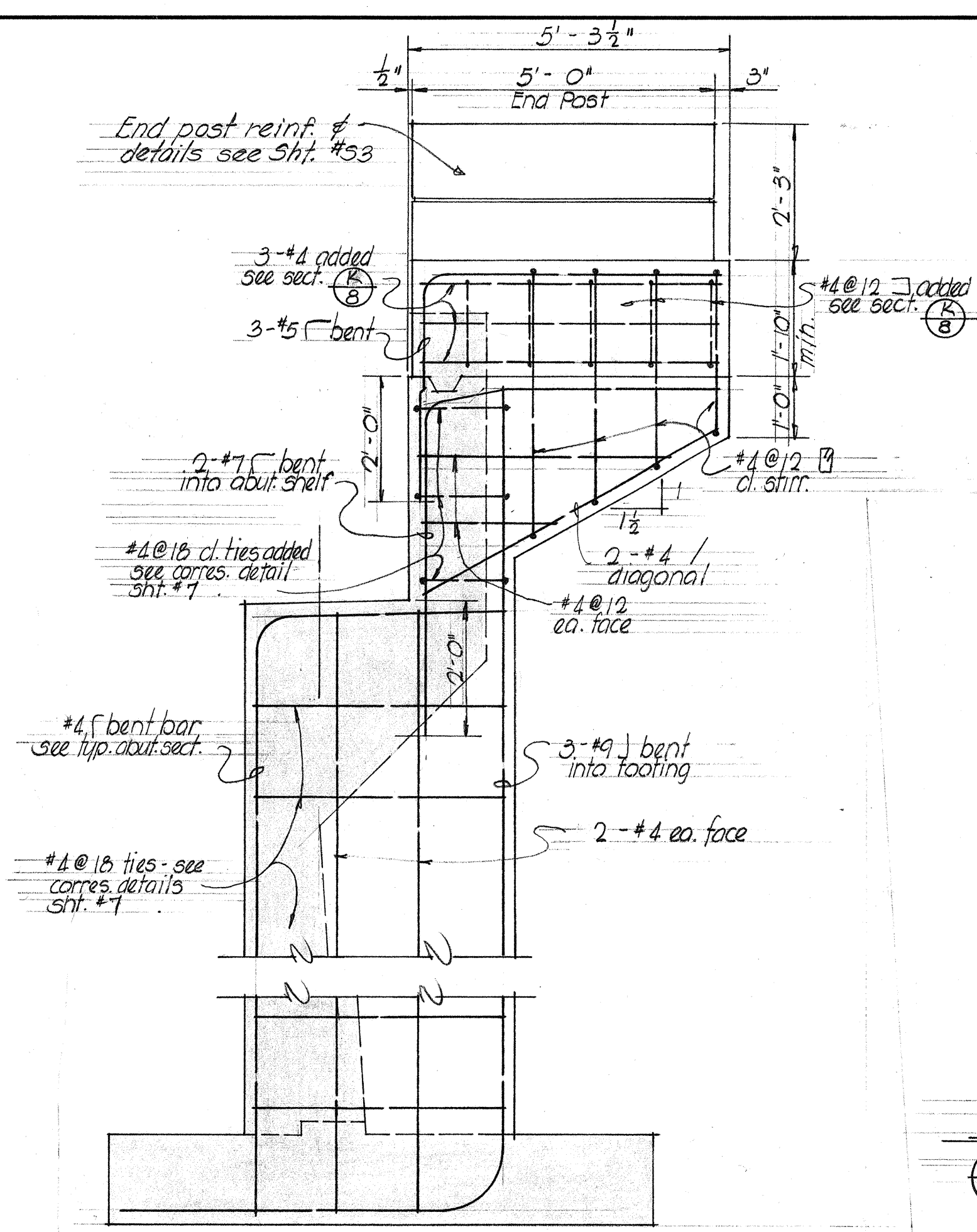
SHEAR DIAGRAM G-2,3,4,5
Scale: Horiz. 1"=10'-0"
Vert. 1"=100 k



MOMENT DIAGRAM G-6
Scale: Horiz. 1"=10'-0"
Vert. 1"=4000 k



SHEAR DIAGRAM G-6
Scale: Horiz. 1"=10'-0"
Vert. 1"=100 k



TYPICAL END SECT (G)
SCALE: 1/2" = 1'-0"

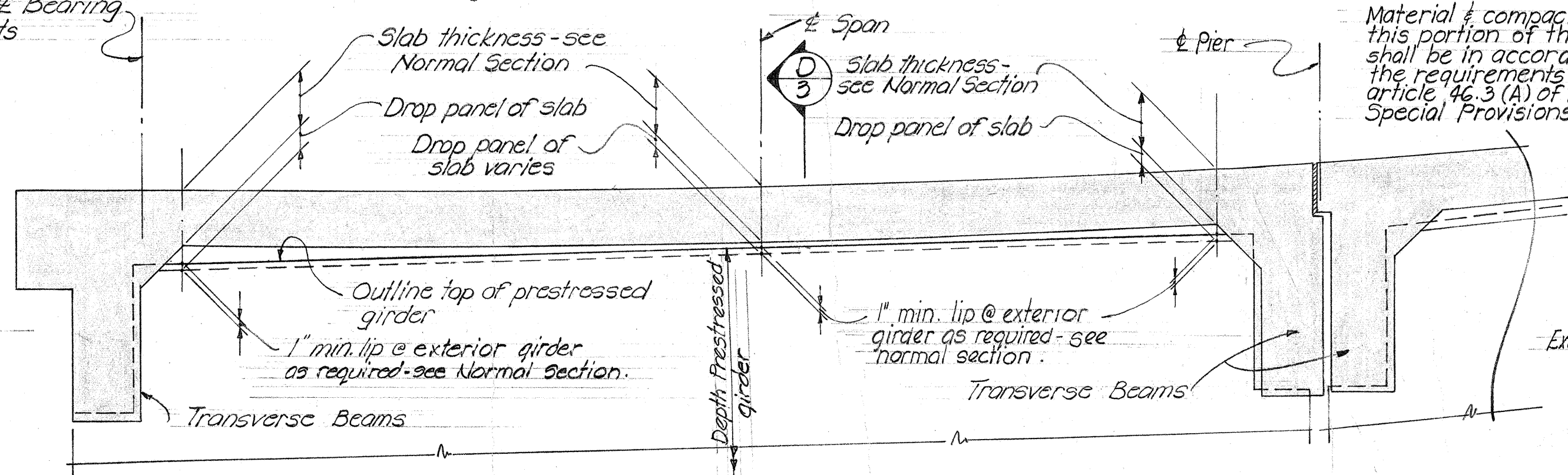
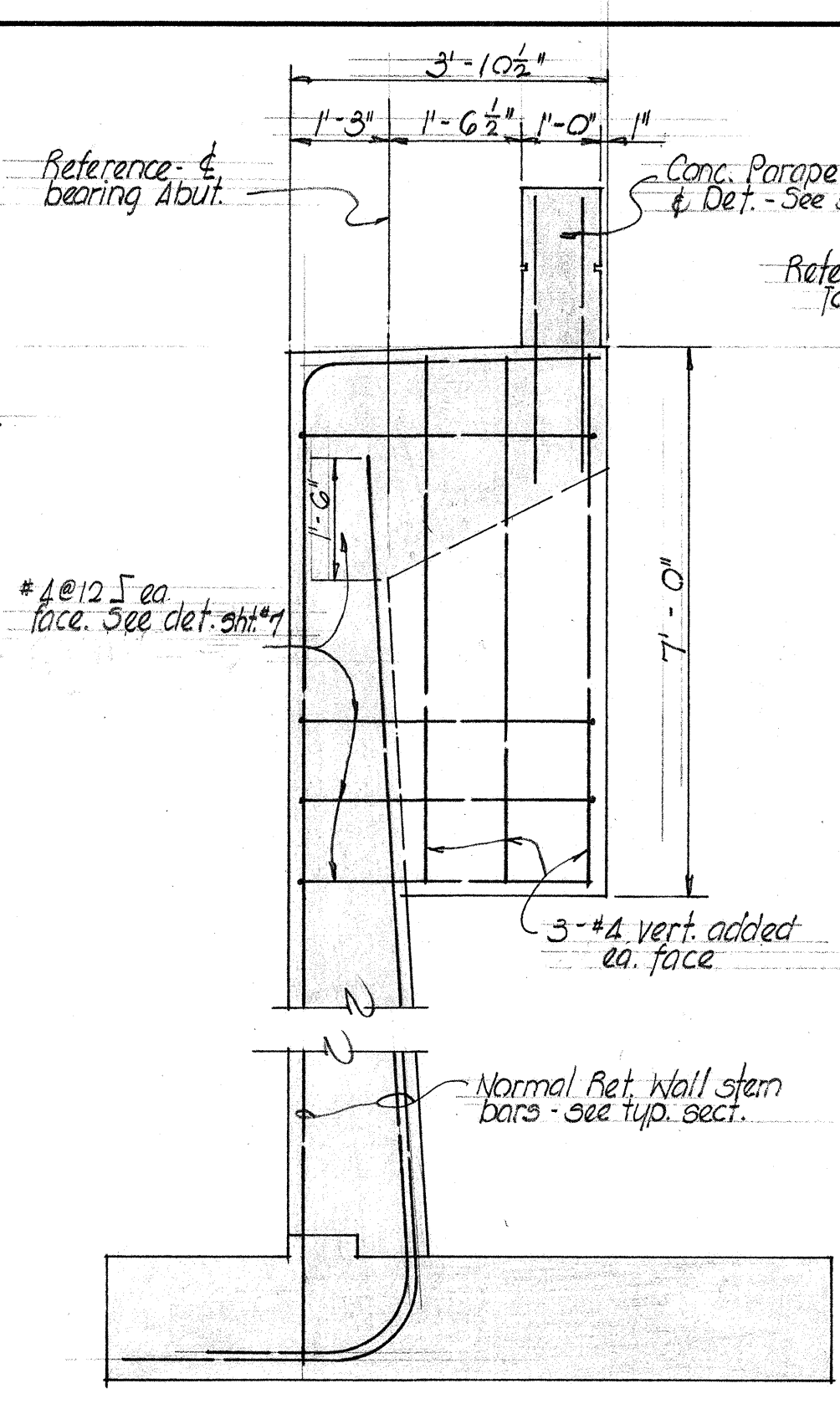
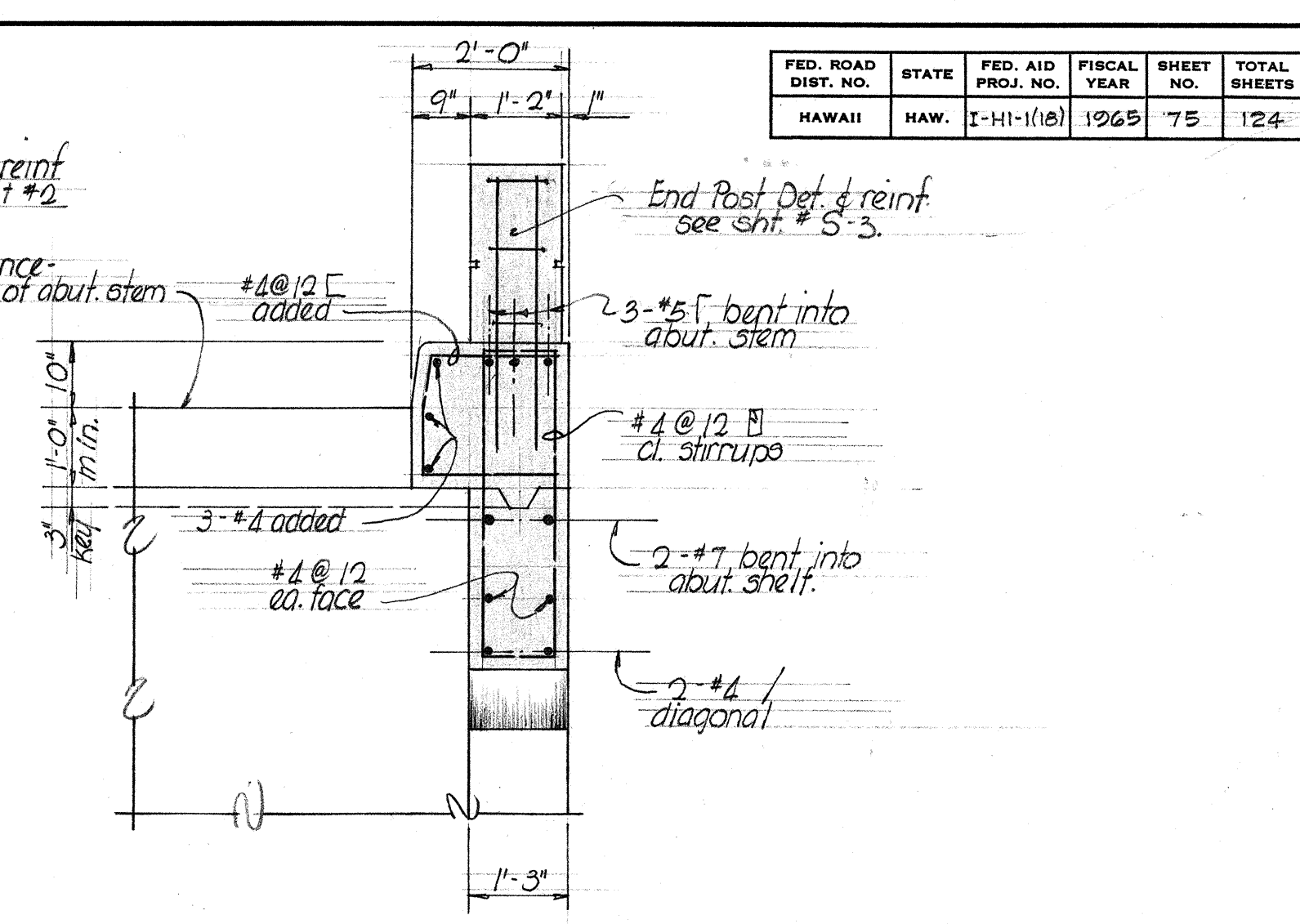


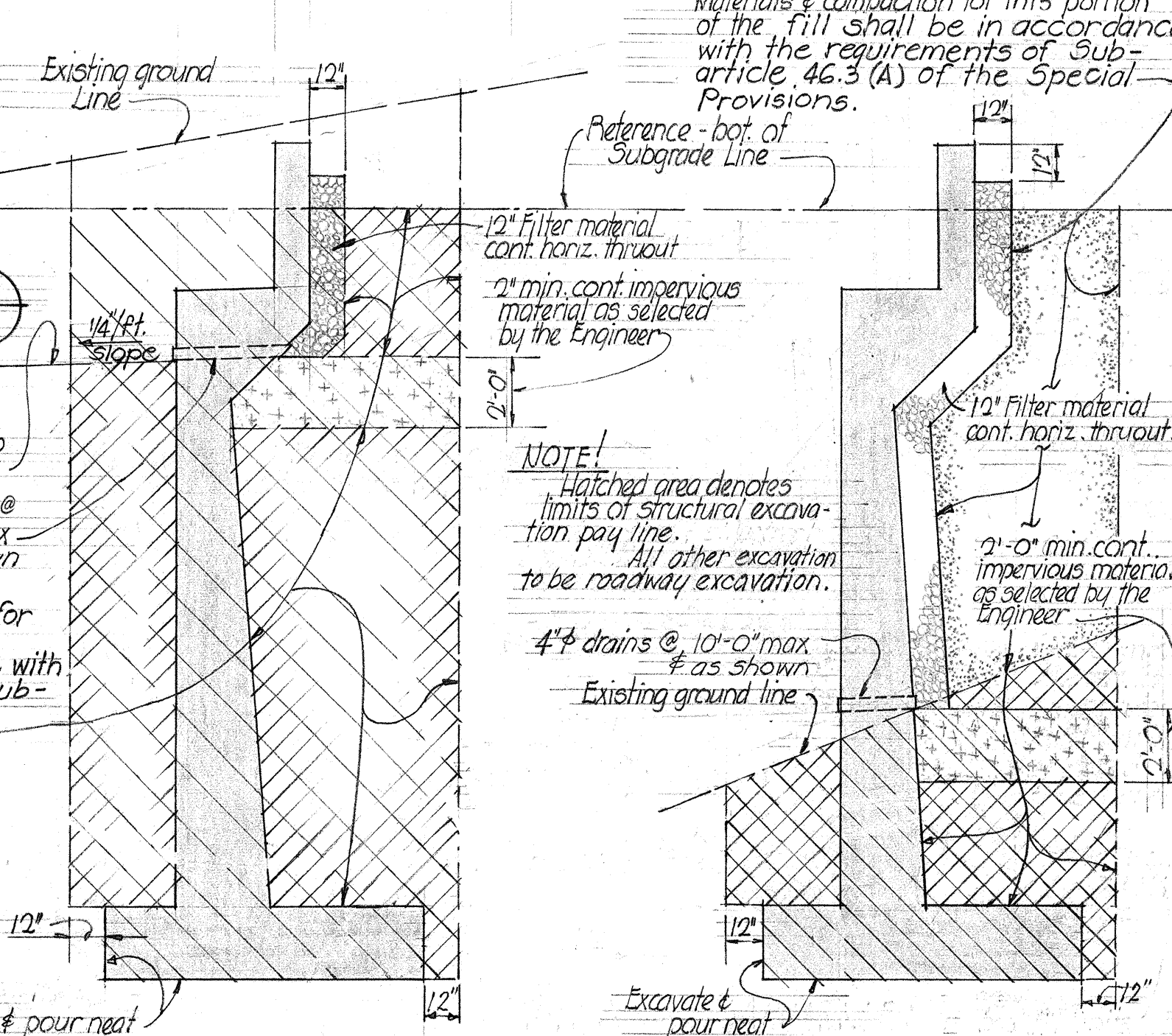
DIAGRAM SHOWING TYPICAL DROP PANEL OF SLAB AT EACH SPAN
No Scale



TYPICAL END ELEVATION (H)
SIMILAR EXCEPT OPPOSITE HAND
SCALE: 1/2" = 1'-0"



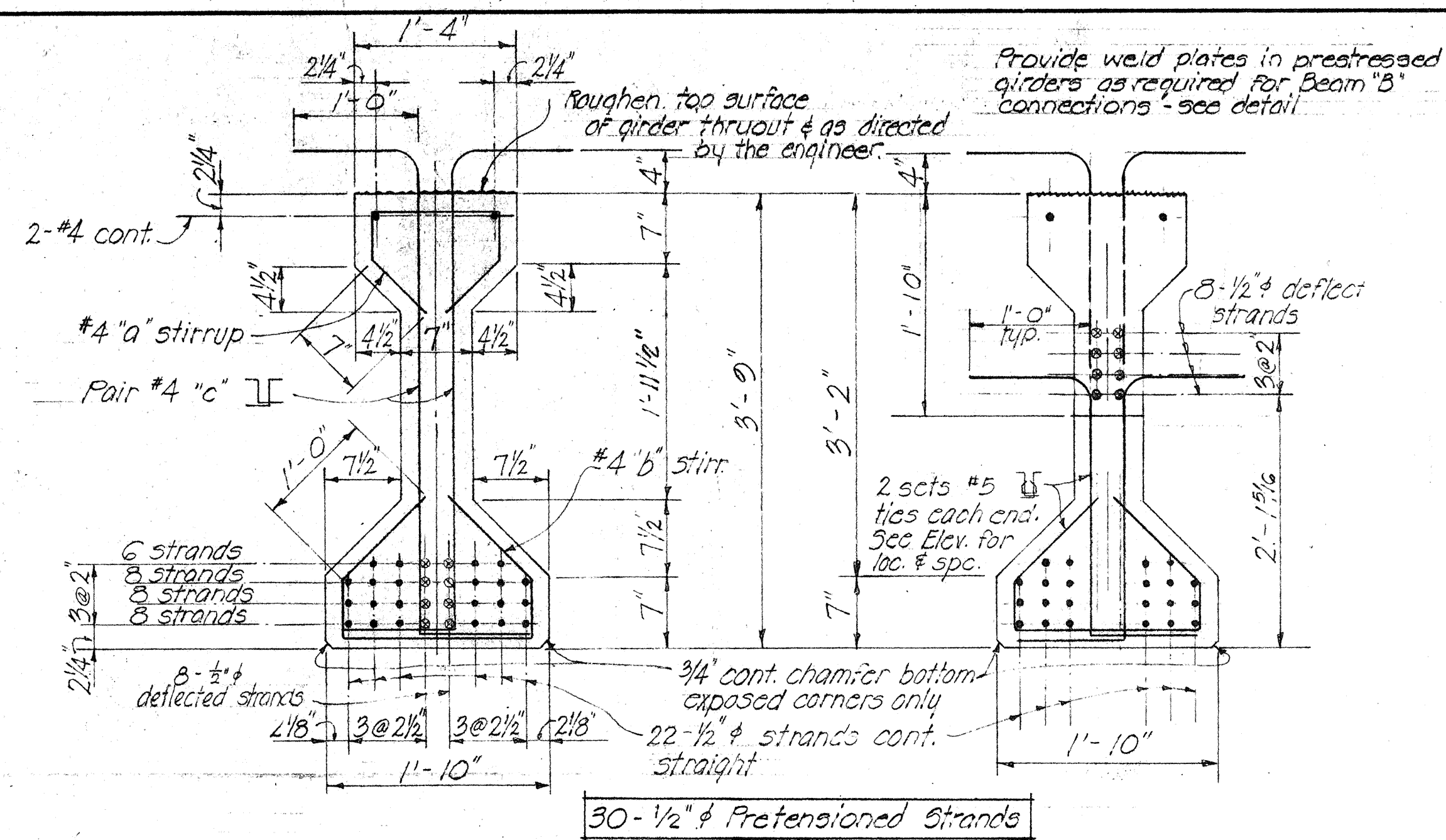
TYPICAL SECTION (K)
SIMILAR EXCEPT OPPOSITE HAND
SCALE: 1/2" = 1'-0"



EXISTING GROUND AT OR ROADWAY SUB-GRADE LINE
EXISTING GROUND BELOW ROADWAY SUB-GRADE LINE
TYPICAL SECTION - ABUTMENT WALL EXCAVATION PAY LINE & BACKFILL
SCALE: 1/2" = 1'-0"

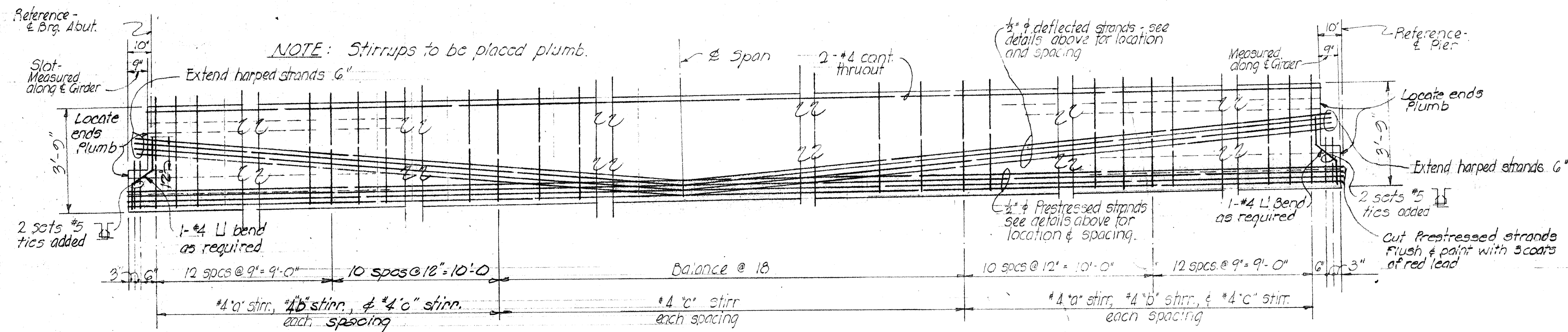
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU STREAM BRIDGE
MISCELLANEOUS DETAILS
STA. 278+84.44 TO STA. 280+21.56
FAI. PROJ. IHI-1(18) PALEHUA RD. TO KUNIA RD.
NOV. 1964

ORIGINAL PLAN	DATE	BY	CHECKED BY
NOTE BOOK	1/1	1/1	1/1
DESIGNED BY	1/1	1/1	1/1
CHECKED BY	1/1	1/1	1/1



INTERMEDIATE AT ENDS
TYPICAL TYPE "A" GIRDER SECTIONS

SCALE: 1" = 1'-0"



TYPICAL DETAIL PRESTRESSED GIRDER TYPE "A"

Scale: 3/8" = 1'-0"

SURVEY PLOTTED BY	DATE
DRAWN BY	Nov. 64
TRACED BY	
CHECKED BY	
NOTED BY	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU STREAM BRIDGE
MISCELLANEOUS DETAILS
Sta. 278+84.44 to Sta. 280+21.56
F.H.I. Proj. I-HI-1(18) PALEHUA RD. TO HUNIA RD.
Nov. 1964
SHEET No. 7 OF 7 SHEETS