

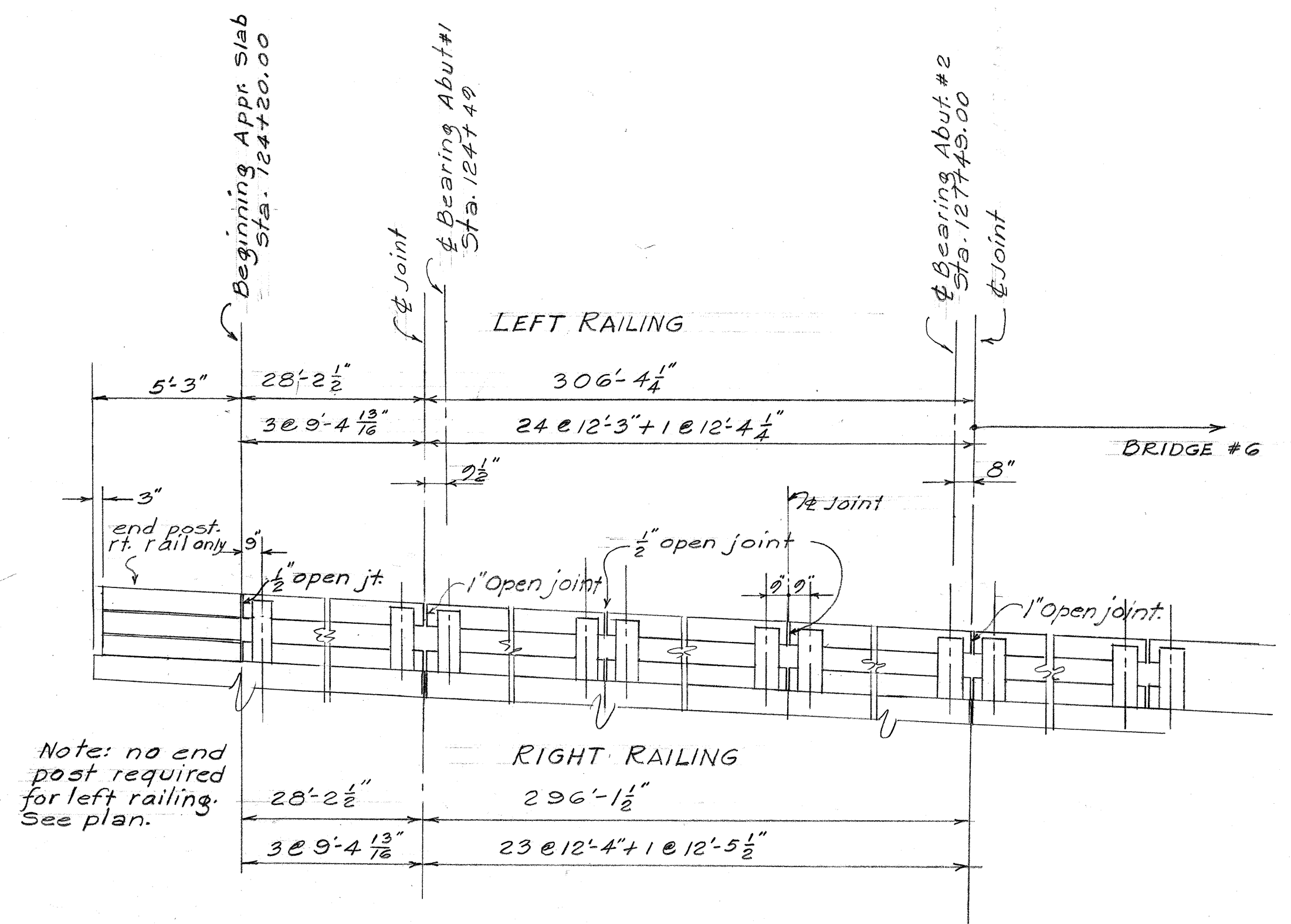
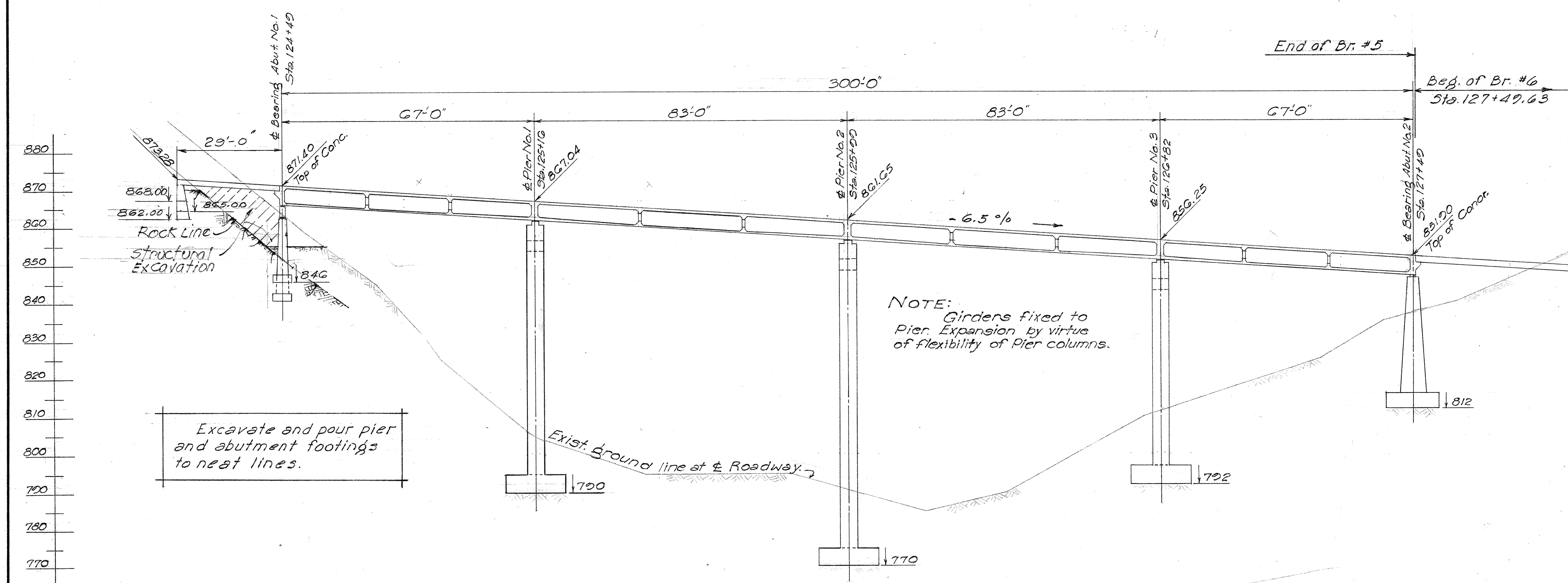
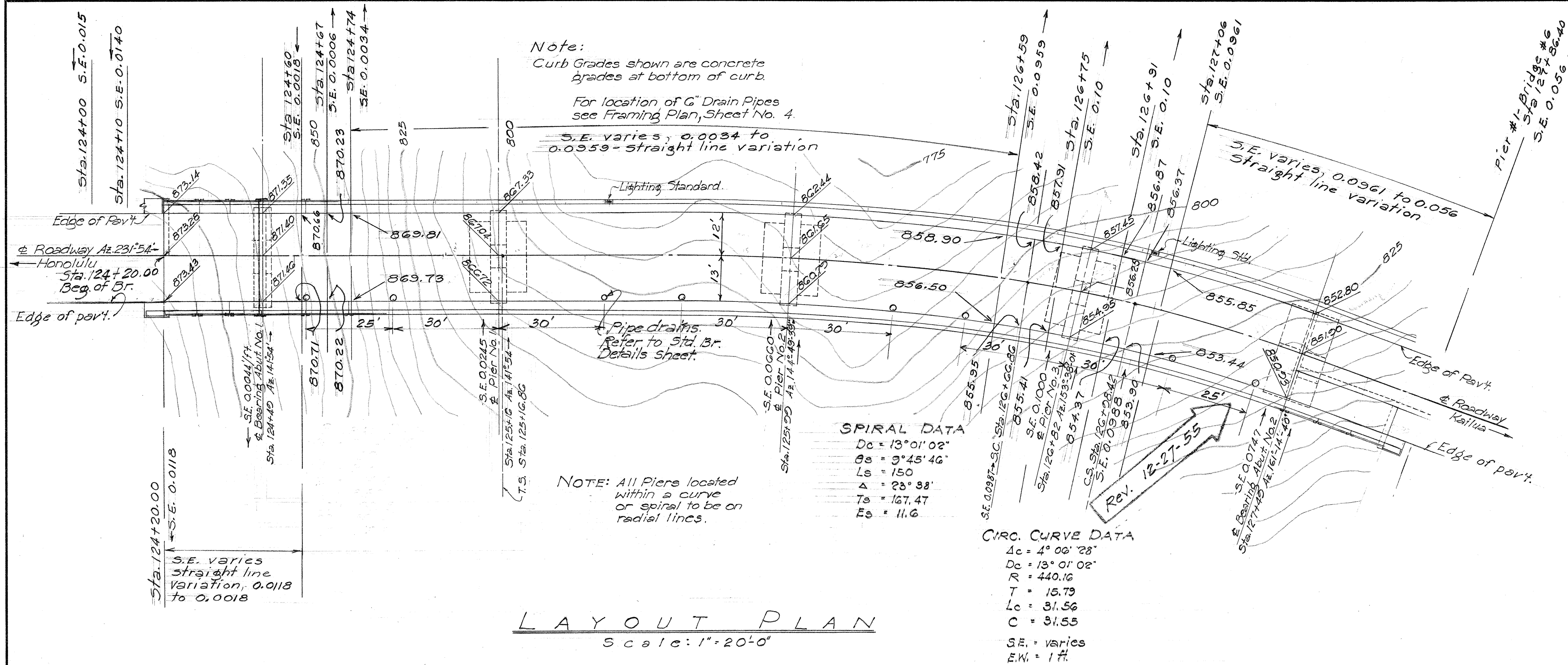
Revision: 12-27-55
One pipe drain added.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	506100	1955	28	84

Rev. 12-27-55

ESTIMATED QUANTITIES	
Concr. including railing	LUMP SUM
Reinf. Steel	LUMP SUM
Structural Exc.	1360 C.Y.
A.C. MIX # 5	53.5 T
TACK COAT	229 GAL.

GENERAL NOTES
Refer to Bridge No 4.



NOTE: For railing and end post details see Standard Bridge Details.
Railing lengths given are horizontal lengths along inside face of railing.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

BRIDGE No. 5

Sta. 124+20.00 to Sta. 127+40.63

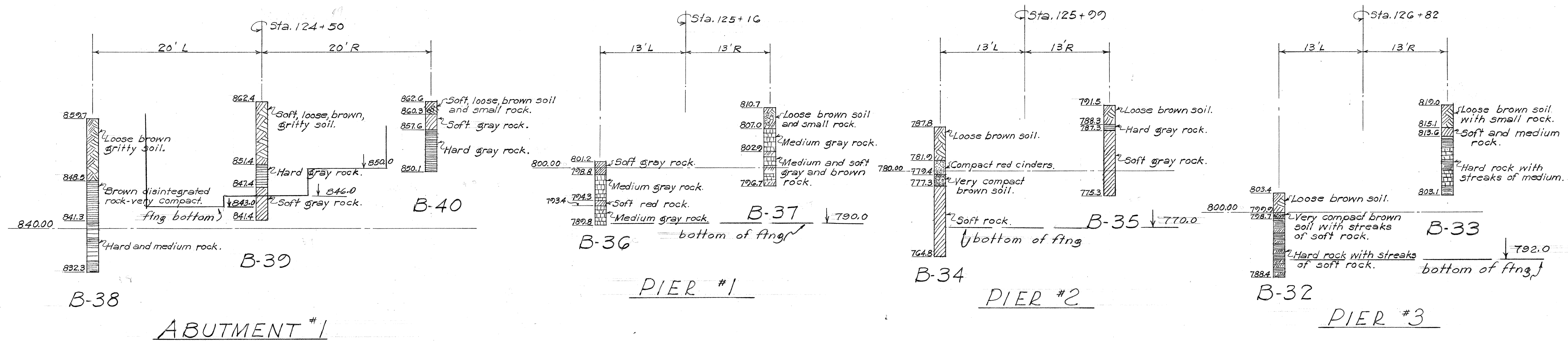
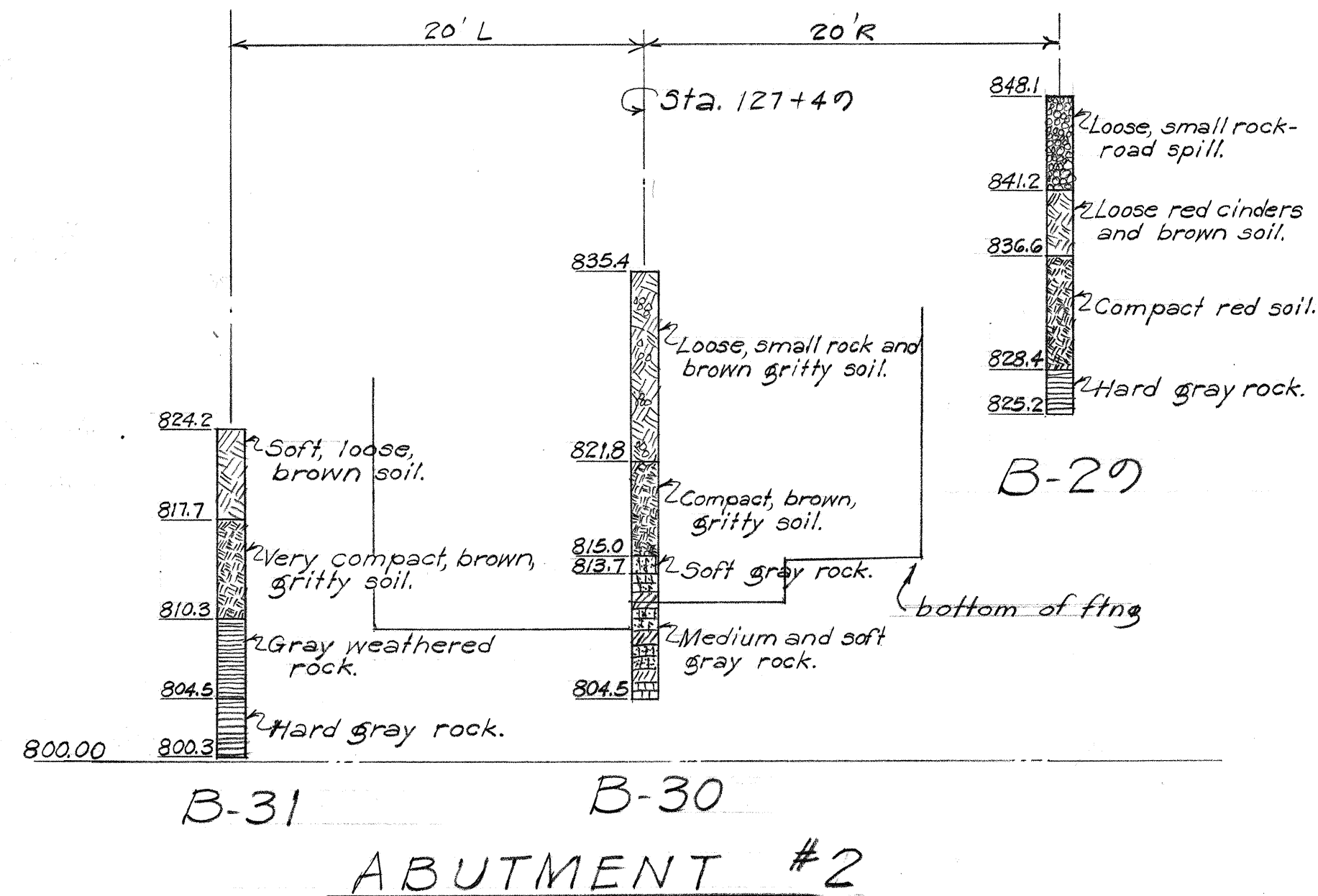
PALI ROAD May '55 PROJ. 50610 (1)

SHEET No. 1 OF 12 SHEETS

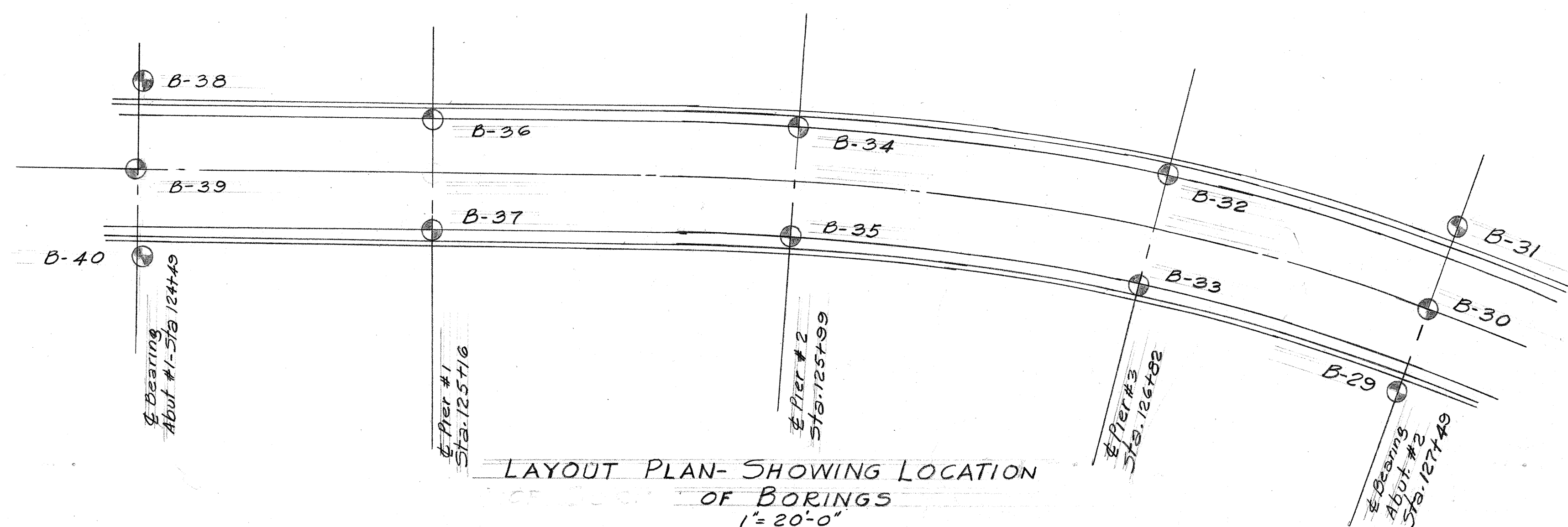
5752-28

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
QUANTITIES CHECKED BY	
NOTES	
PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	50610(1)	1955	29	84



B O R I N G D A T A B R I D G E #5 Vertical Scale: 1" = 10'-0"



TERRITORIAL HIGHWAY DEPARTMENT	
TERRITORY OF HAWAII	
BRIDGE NO. 5	
Sta. 124+20 to Sta. 127+40.63	
PALI ROAD	PROJ. 5-0610(1)
May 1955	

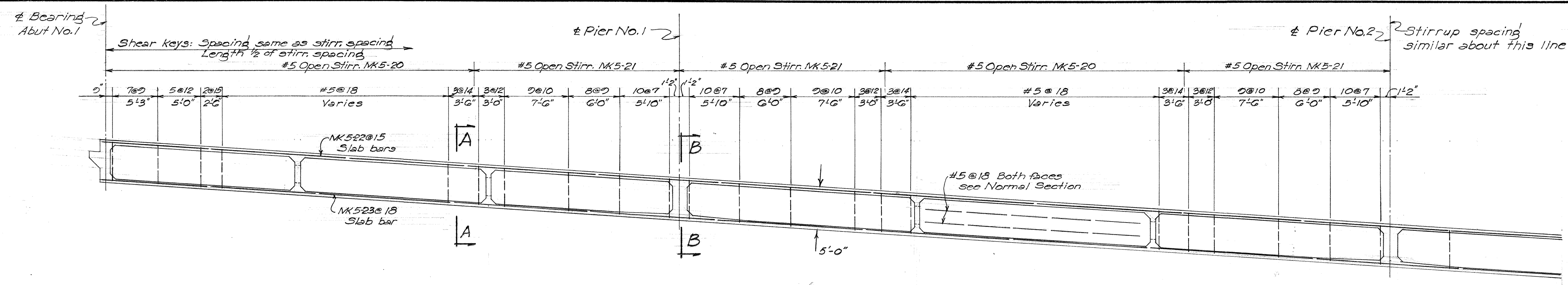
SHEET No. 2 OF 12 SHEETS

5752-29

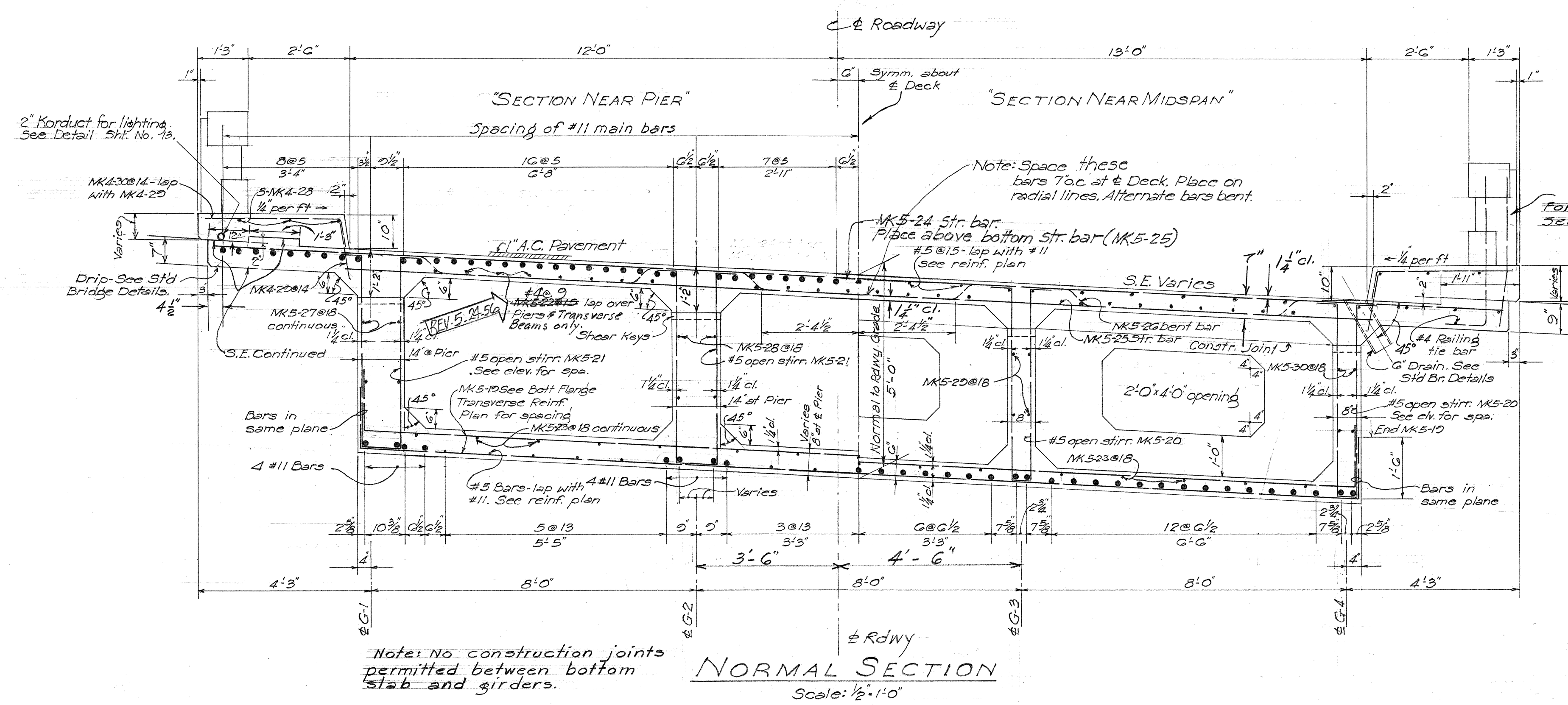
ORIGINAL PLAN	DATE
DESIGNED BY: M. L. PETERSON	May 55
TRACED BY: J. W. HARRISON	
QUANTITIES BY: J. W. HARRISON	
CHECKED BY: J. W. HARRISON	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAIIAN	HAW	50610(1)	1955	30	84

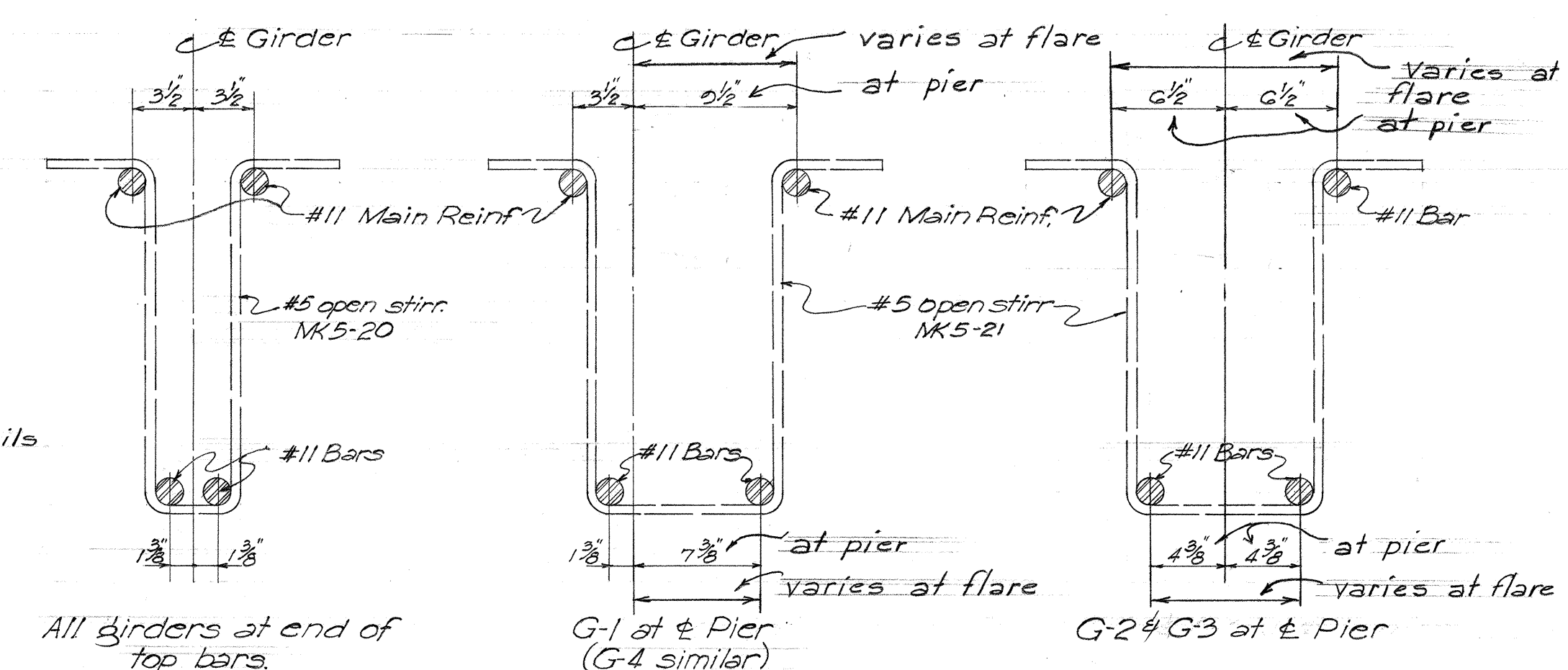
REV. 5-24-56 - Changed size and spacing of bottom layer longitudinal reinf. in top flange.



GIRDER STIRRUP SPACING
Scale: 1/8"=1'-0"

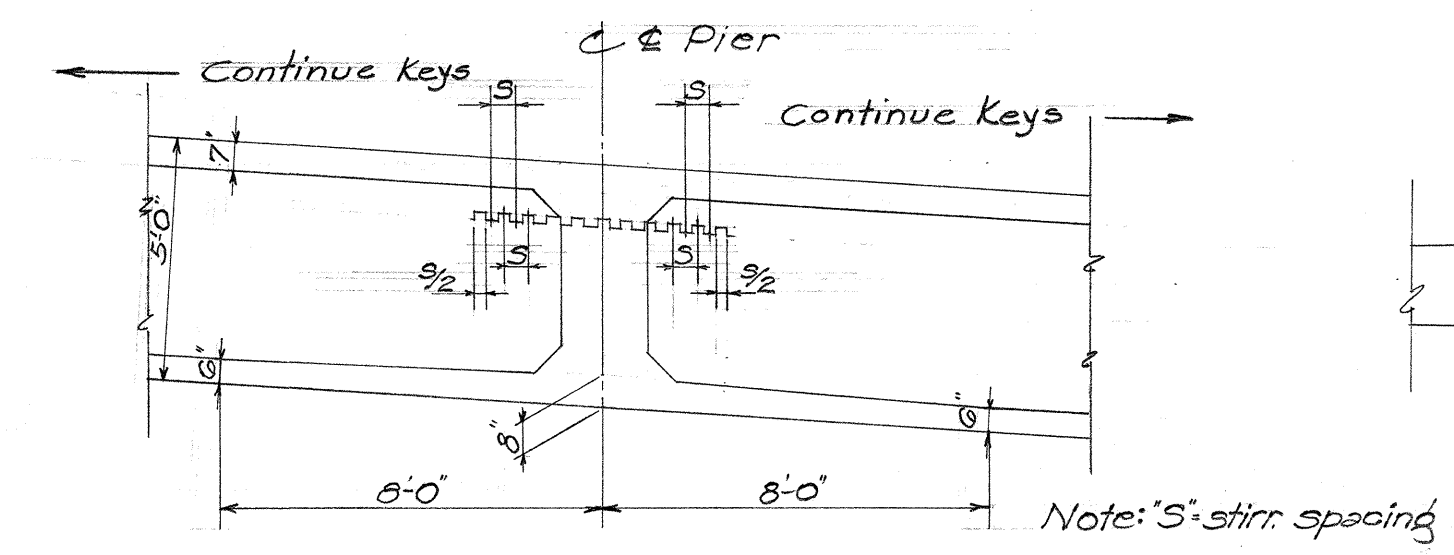


NORMAL SECTION
Scale: 1/2"=1'-0"



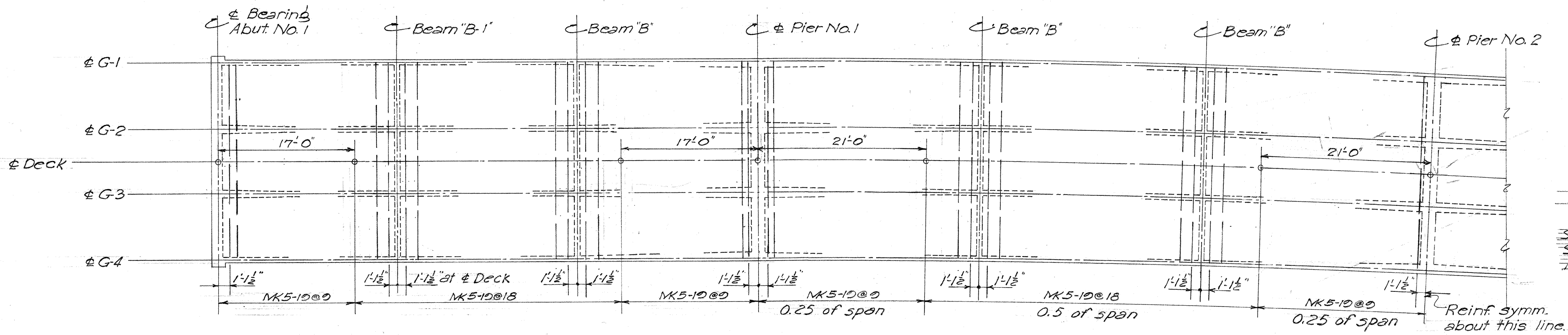
SECTION 'A-A'
Not to scale

SECTION 'B-B'
Not to scale

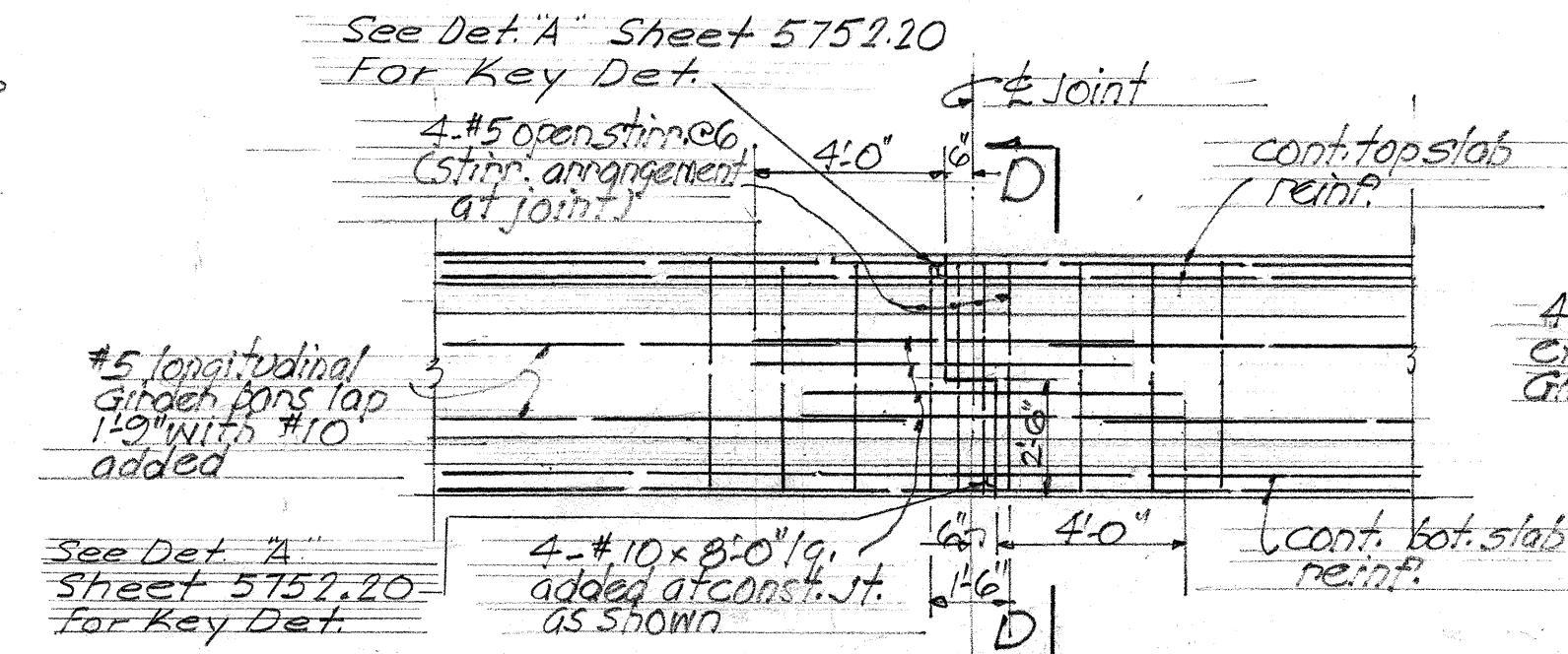


SECTION SHOWING BOTT. FLANGE THICKNESS AT PIERS & SHEAR KEYS
Scale: 1/4"=1'-0"

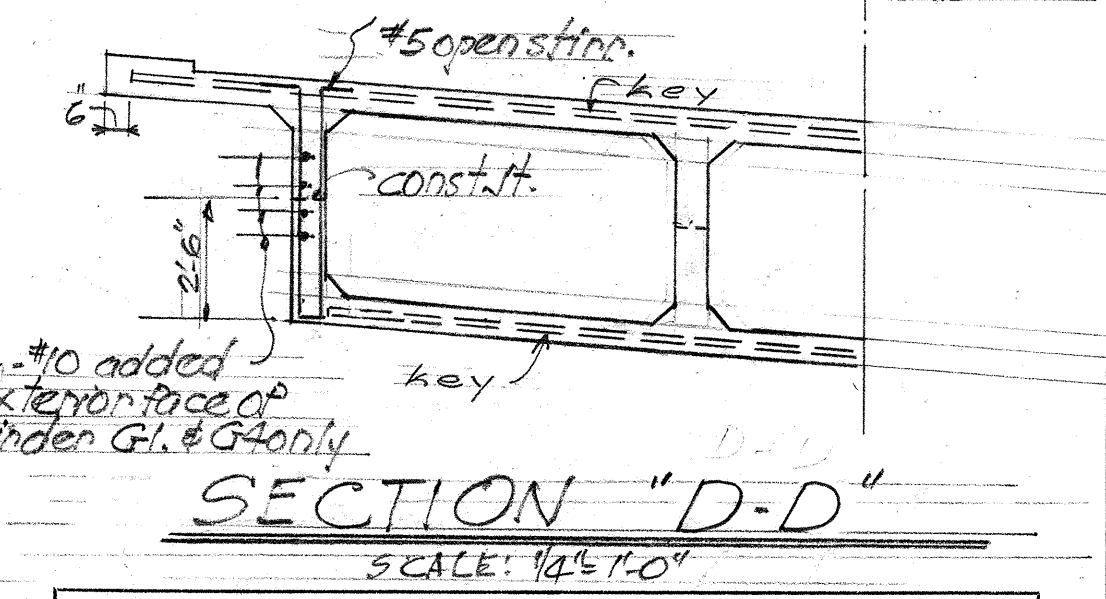
PLAN-SHEAR KEYS
Scale: 1/4"=1'-0"



BOTTOM FLANGE TRANSVERSE REINF. PLAN
Scale: 1"=10'-0"



ELEVATION OF GIRDER



SECTION 'D-D'
Scale: 1/4"=1'-0"

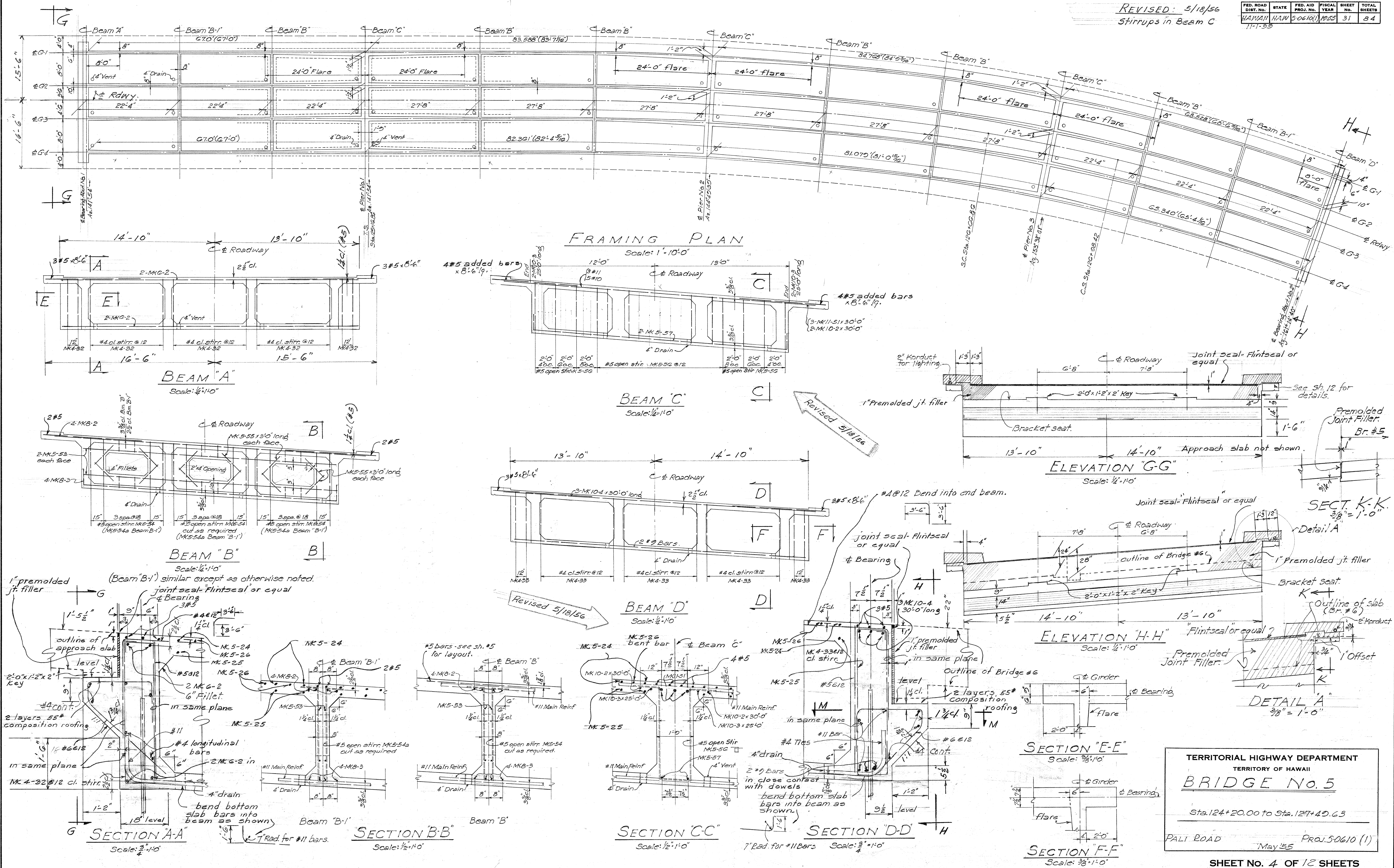
TRANSVERSE CONSTRUCTION JOINT DETAILS - SCALE: 1/4"=1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
BRIDGE No. 5
Sta 124+20.00 to Sta 127+9.63
PALI ROAD
Proj. 5-0610 (1)
May '55

DESIGNED BY: G. T. BARTLETT
DRAWN BY: G. T. BARTLETT
CHECKED BY: J. O. T. T. T.
DATE: May '55

REVISED: 5/18/56
Stirrups in Beam C

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	50610(1)	1955	31	84

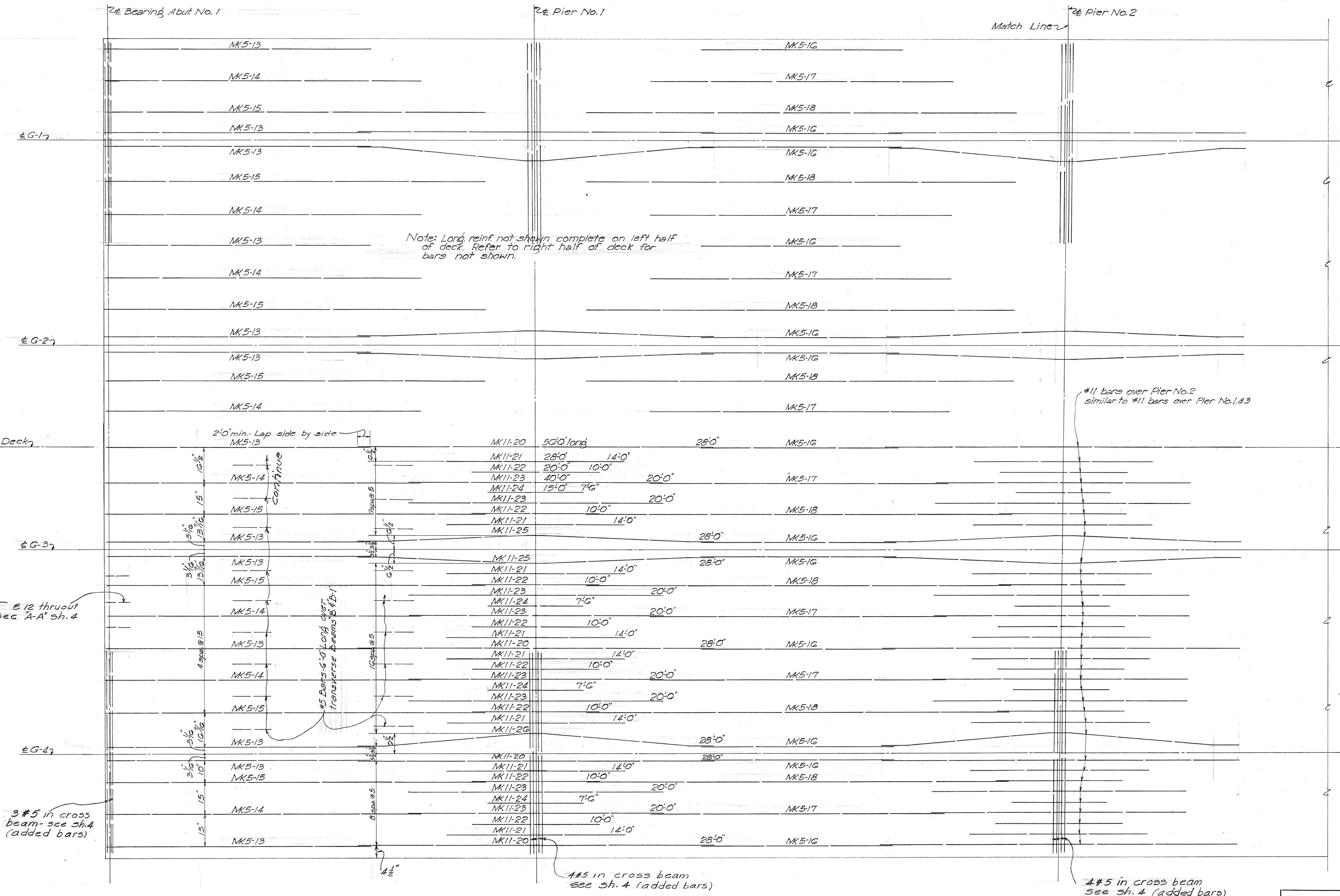


DATE: May 55
DESIGNED BY: G. A. BARTLETT
DRAWN BY: G. A. BARTLETT
CHECKED BY: G. A. BARTLETT
NOTE BOOK NO.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
BRIDGE No. 5
Sta. 124+20.00 to Sta. 127+49.63
PALI ROAD
May 55
PROJ. 50610 (1)

SHEET NO. 4 OF 12 SHEETS

5752-31



SURVEY PLOTTED BY DATE May '55
DESIGNED BY J.B. BARTLEIS
DRAWN BY G.T. GAGANA
CHECKED BY HON. K. K. L. L. L.
QUANTITIES CHECKED BY J. J. J.
CHECKED BY J. J. J.

ORIGINAL PLAN NOTE BOOK No.

Note: Dimension at end of #11 bar indicates distance from & Pier.

MAIN TOP FLANGE REINF. PLAN
Schematic Layout
Length - 1/2" = 1'-0"
Scale - Width - 1/2" = 1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

BRIDGE No. 5

Sta. 124+20.00 to Sta. 127+40.63

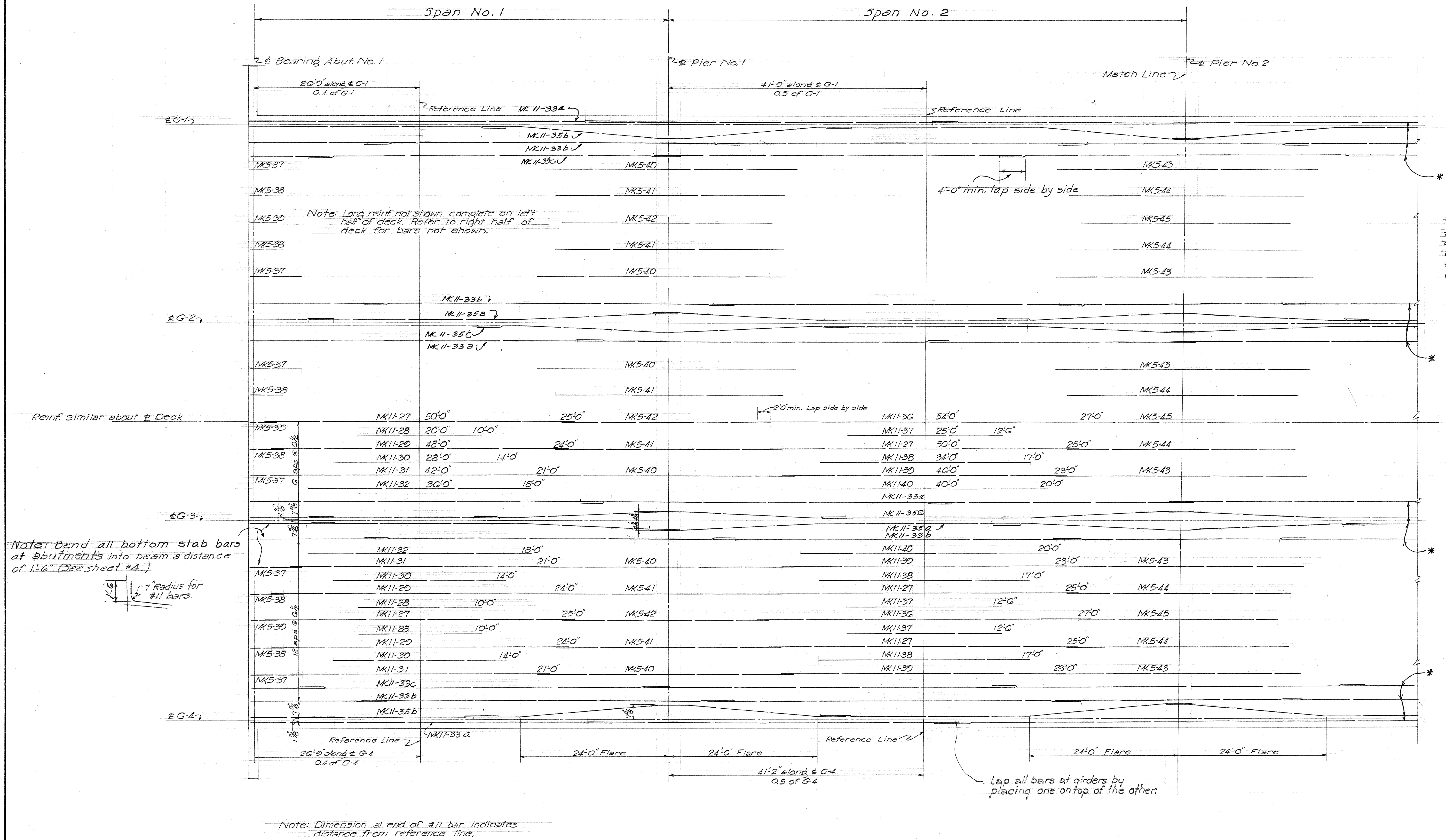
PALI ROAD PROJ. 50610 (1)
May '55

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY <i>W. R. BARTLETS</i>	<i>May 1953</i>
	DRAWN BY <i>G. TSUGAWA</i>	" "
	TRADED BY	" "
NOTE BOOK	QUANTITIES BY <i>H. Chin, K. Kuroi, F. Iijima</i>	" "
No.	QUANTITIES CHECKED BY <i>G. Tsugawa</i>	" "
	CHECKED BY <i>J. O. P. Y.</i>	" "



Schematic Layout
Length-- $\frac{1}{8}$ " 1'-0"
Scale--
Width-- $\frac{1}{8}$ " 1'-0"

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* #11 bars continuous thruout. Stagger splices as shown. 4'-0" minimum lap side by side except at girders. Lap all bars at girders by placing one on top of the other.

MAIN BOTTOM FLANGE REINF. PLAN

Schematic Layout
Length - 1/8" = 1'-0"
Scale - Width - 1/2" = 1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

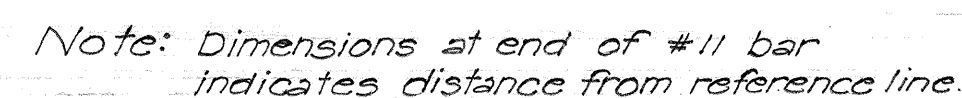
BRIDGE No. 5

Sta. 124+20.00 to Sta. 127+40.63

PALT ROAD PROJ. 50610 (1)
May '55

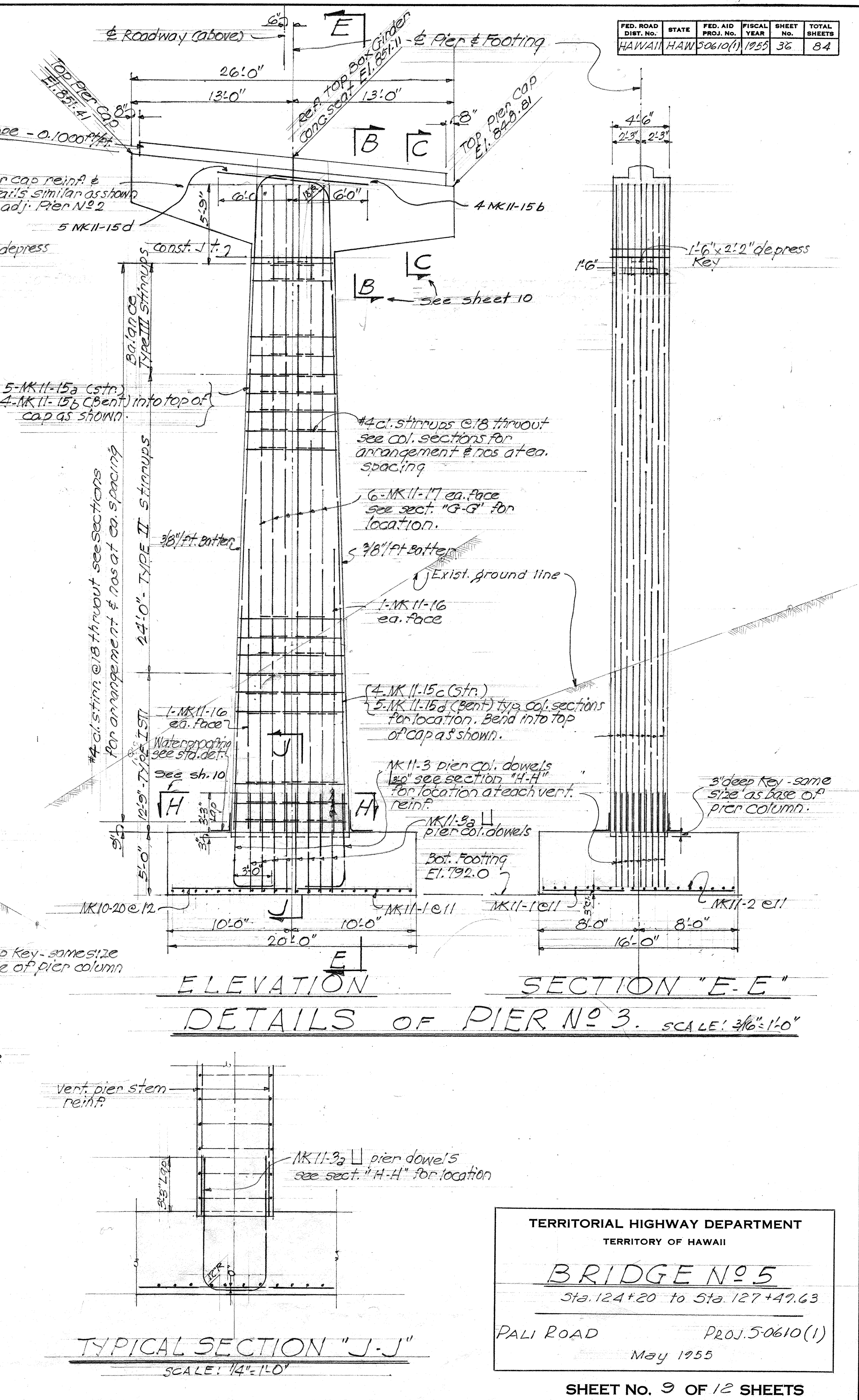
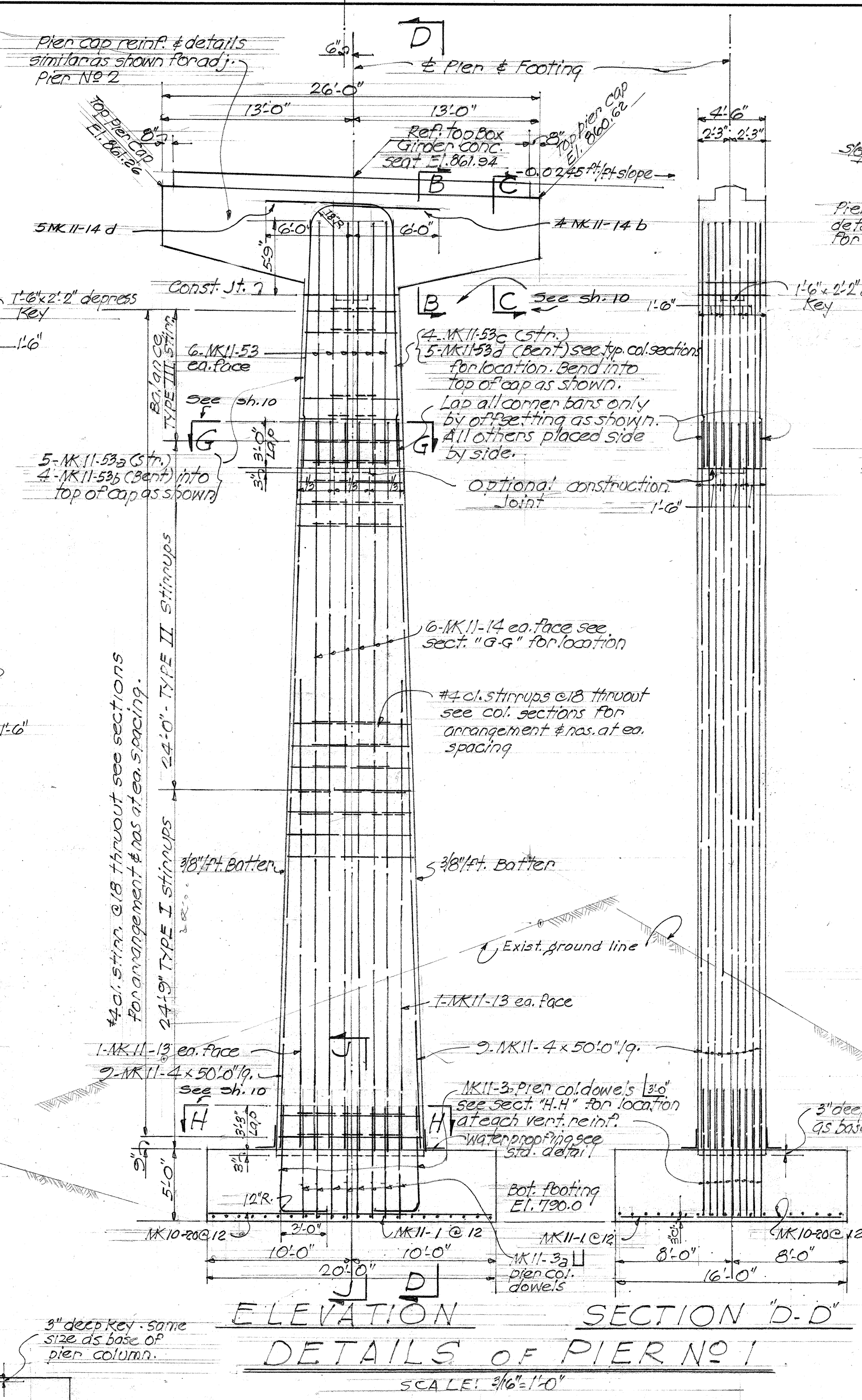
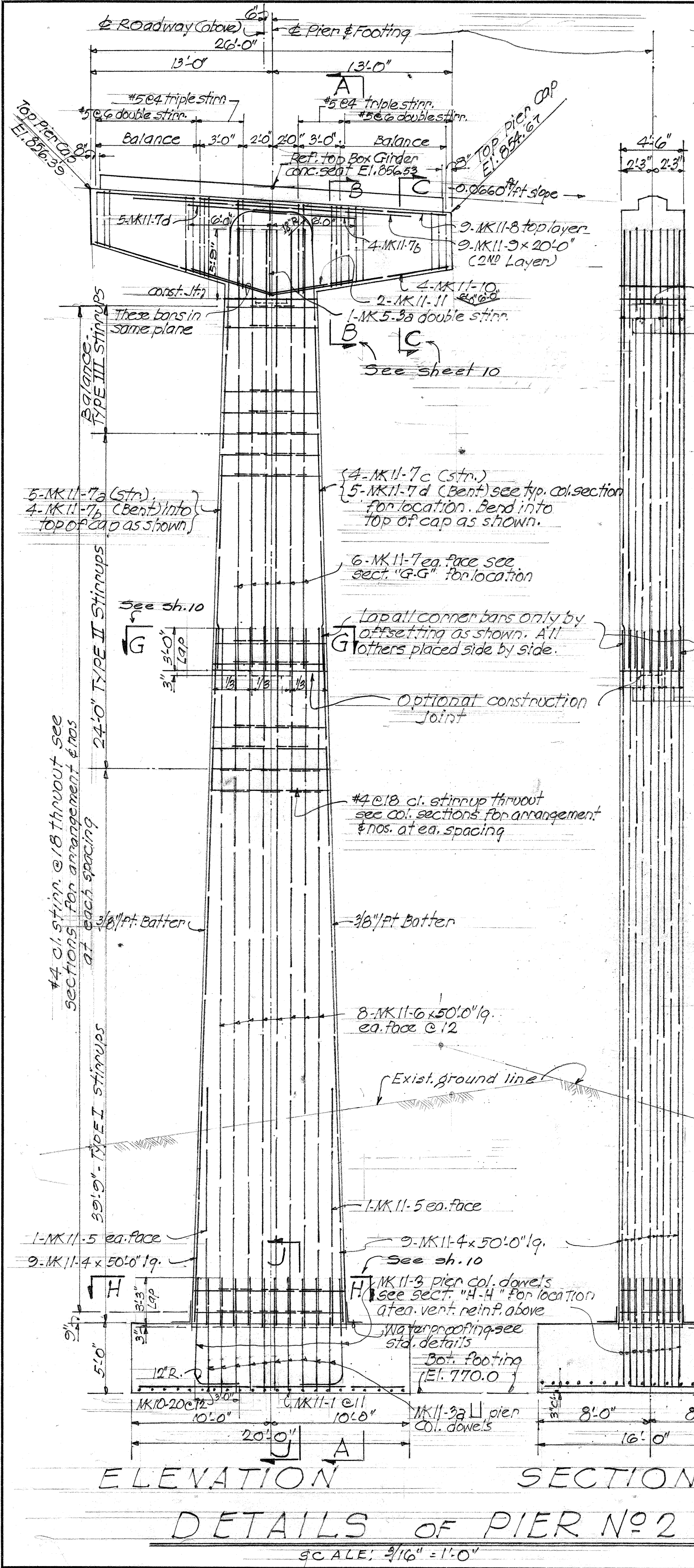
SURVEY PLOTTED BY: DATE: May '55
 DESIGNED BY: J. B. BARTLETT
 DRAWN BY: G. TSUGAWA
 CHECKED BY: J. B. BARTLETT
 QUANTITIES CHECKED BY: J. B. BARTLETT
 NO.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY <i>M. R. BARTLETS</i>	<i>May 25</i>
	DRAWN BY <i>G. TSUGAWA</i>	" "
	TRACED BY	"
	QUANTITIES BY <i>H. Chiu, K. Wang, F. Ching</i>	"
	QUANTITIES CHECKED BY <i>Tsuyusaka</i>	"
NOTE BOOK No.	CHECKED BY <i>A. D. & D.</i>	"



Schematic Layout
Length-- $\frac{3}{8}$ " 1'-0"
Scale--
Width-- $\frac{1}{2}$ " 1'-0"

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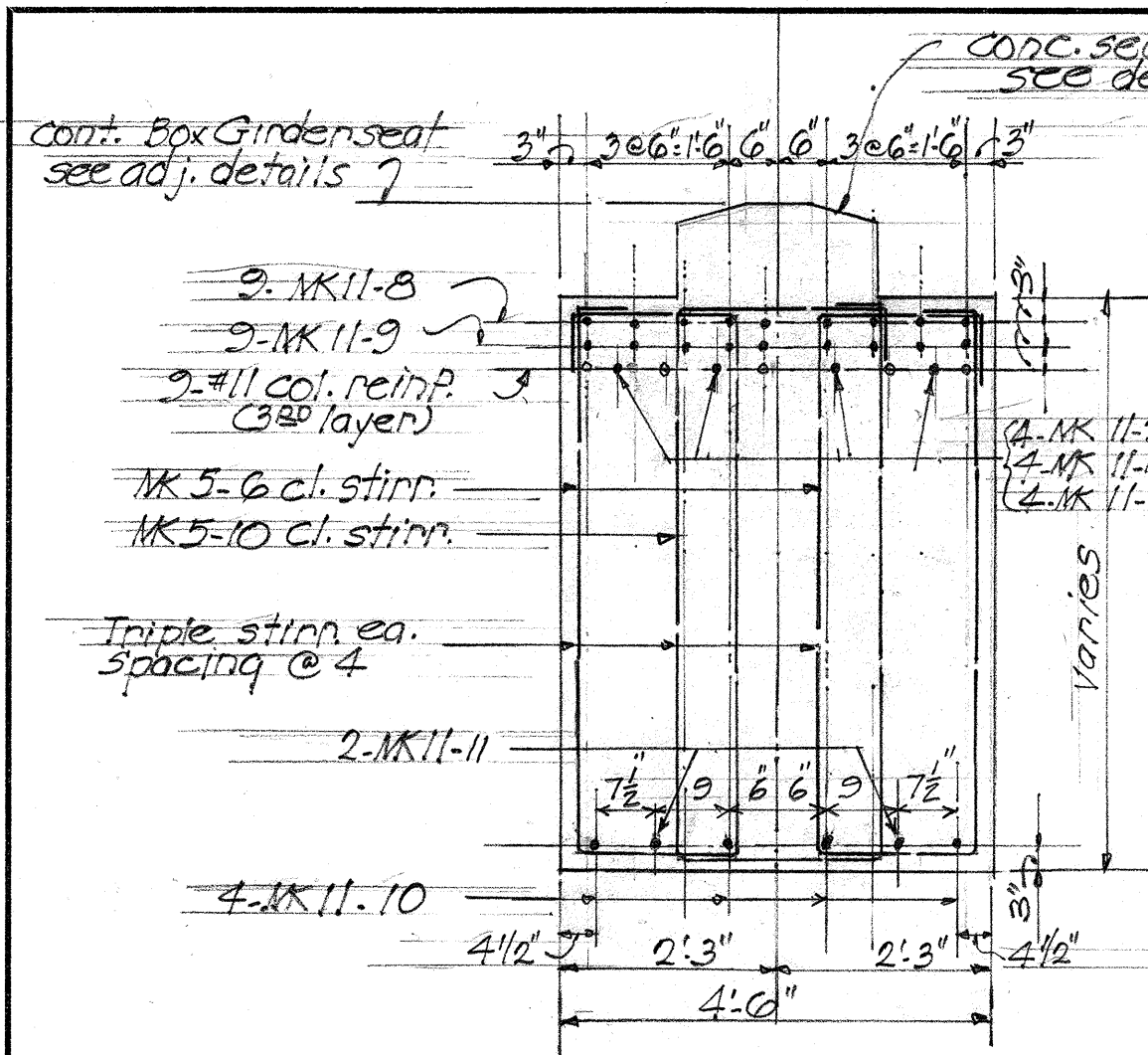


DESIGNED BY: E. B. BARTLETT
 DRAWN BY: E. B. BARTLETT
 CHECKED BY: E. B. BARTLETT
 DATE: May 55

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
BRIDGE NO. 5
 Sta. 124+20 to Sta. 127+47.63
 PALI ROAD Proj. 50610(1)
 May 1955

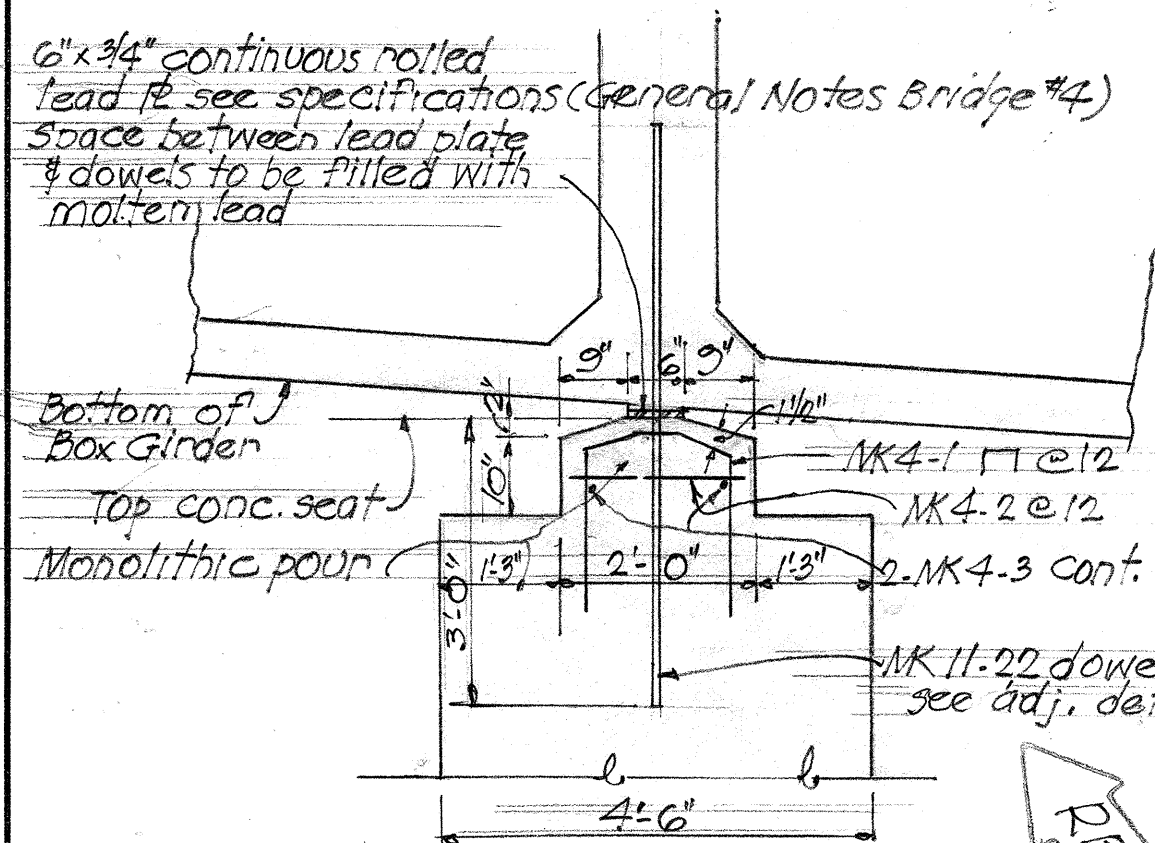
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	50610(1)	1955	37	84

REV. 2-28-56. Altered dowel spacing.

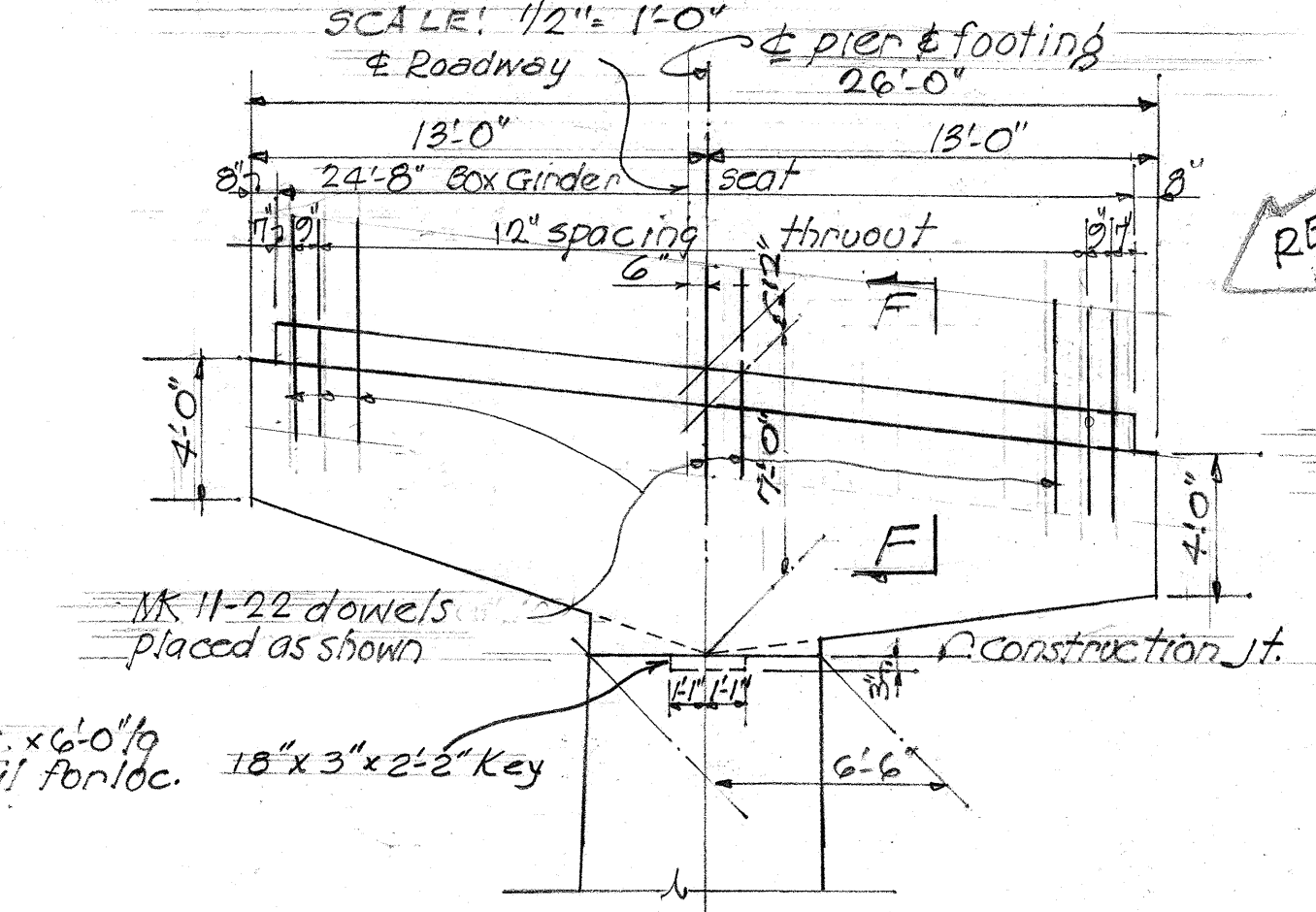


TYPICAL SECTION "B-B"
SCALE: 1/2" = 1'-0" (See sh. 9)

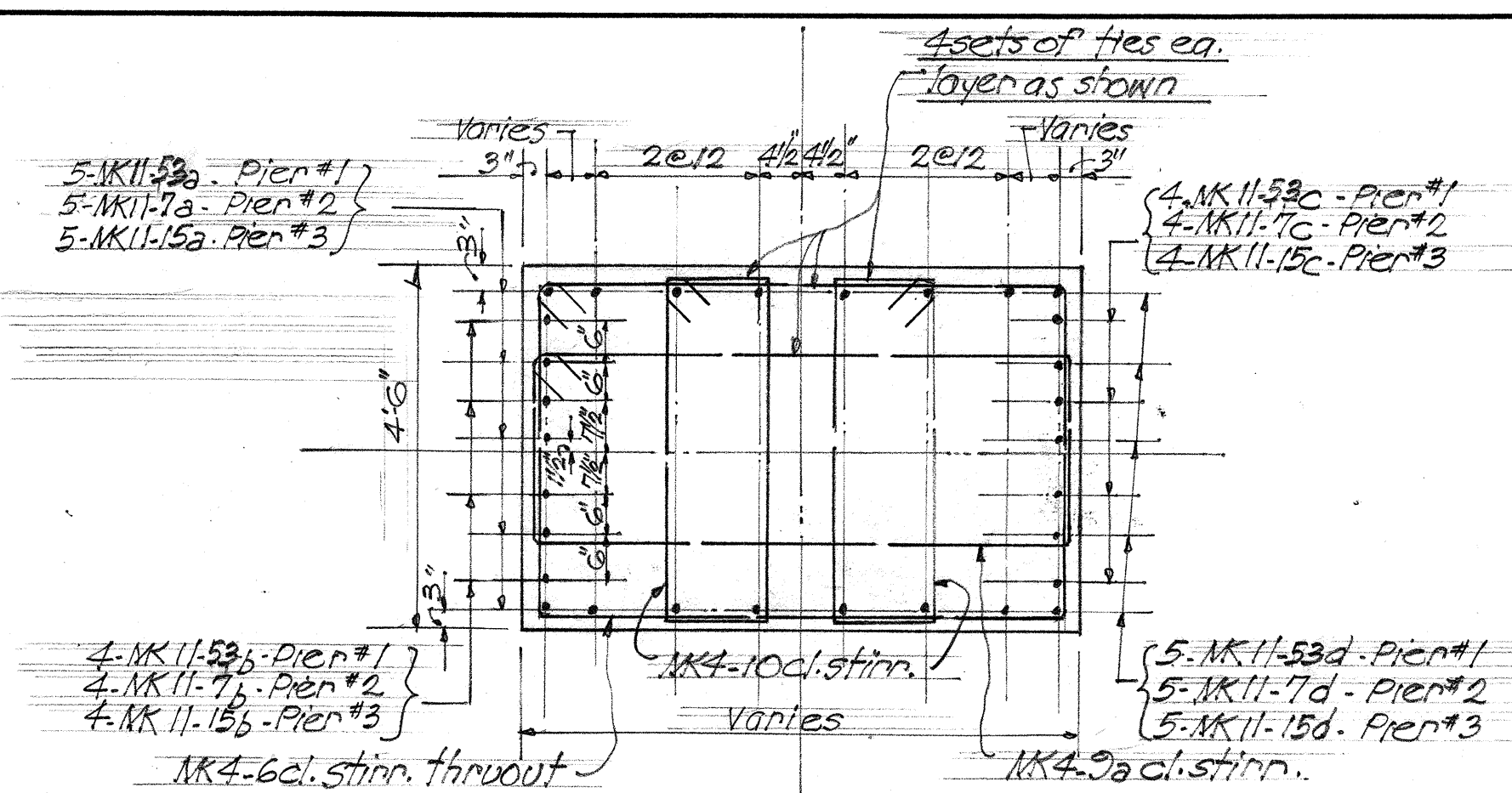
TYPICAL SECTION "C-C" (See sh. 9)
SCALE: 1/2" = 1'-0"



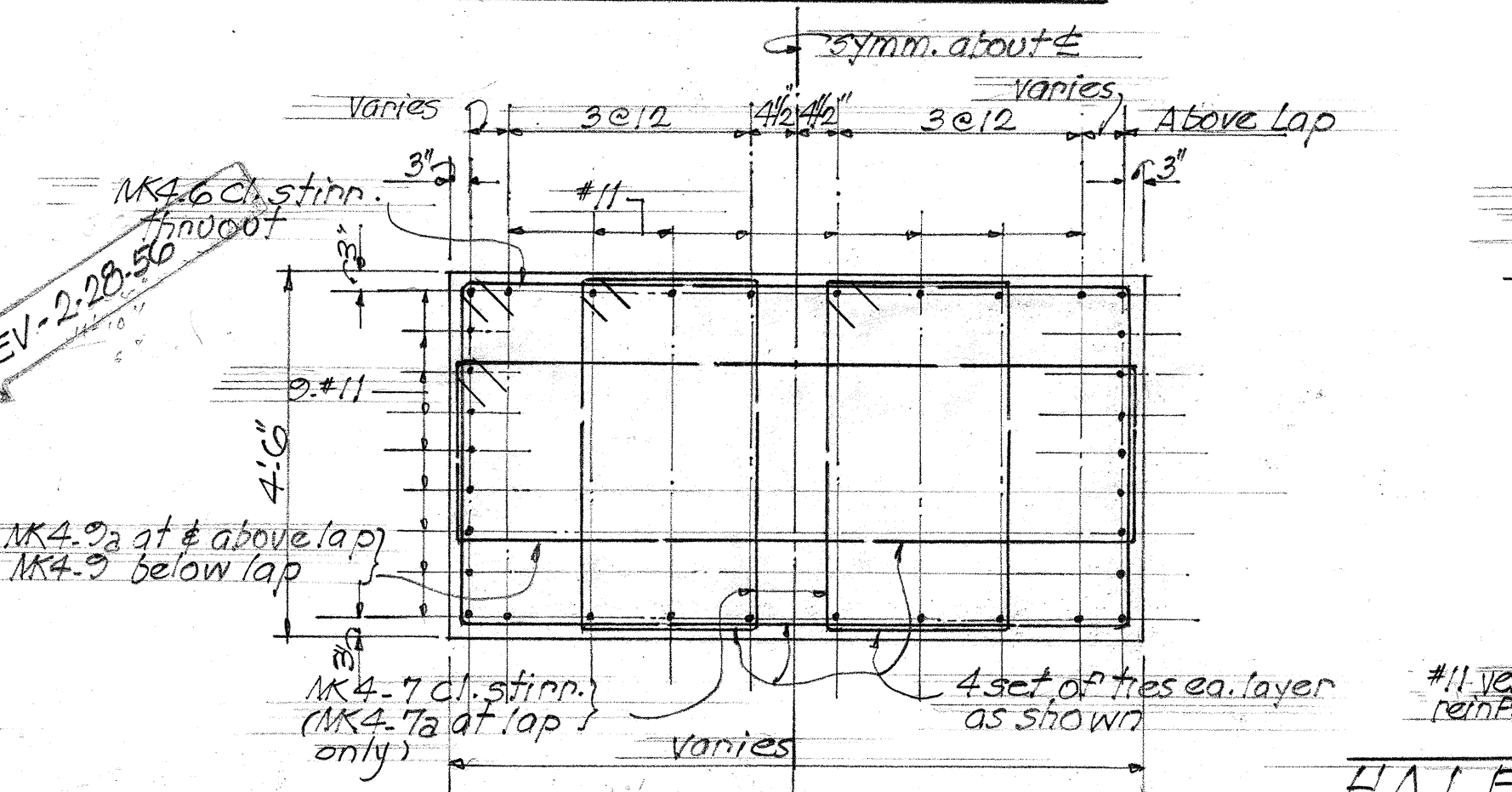
SECTION "F-F"
SCALE: 1/2" = 1'-0"



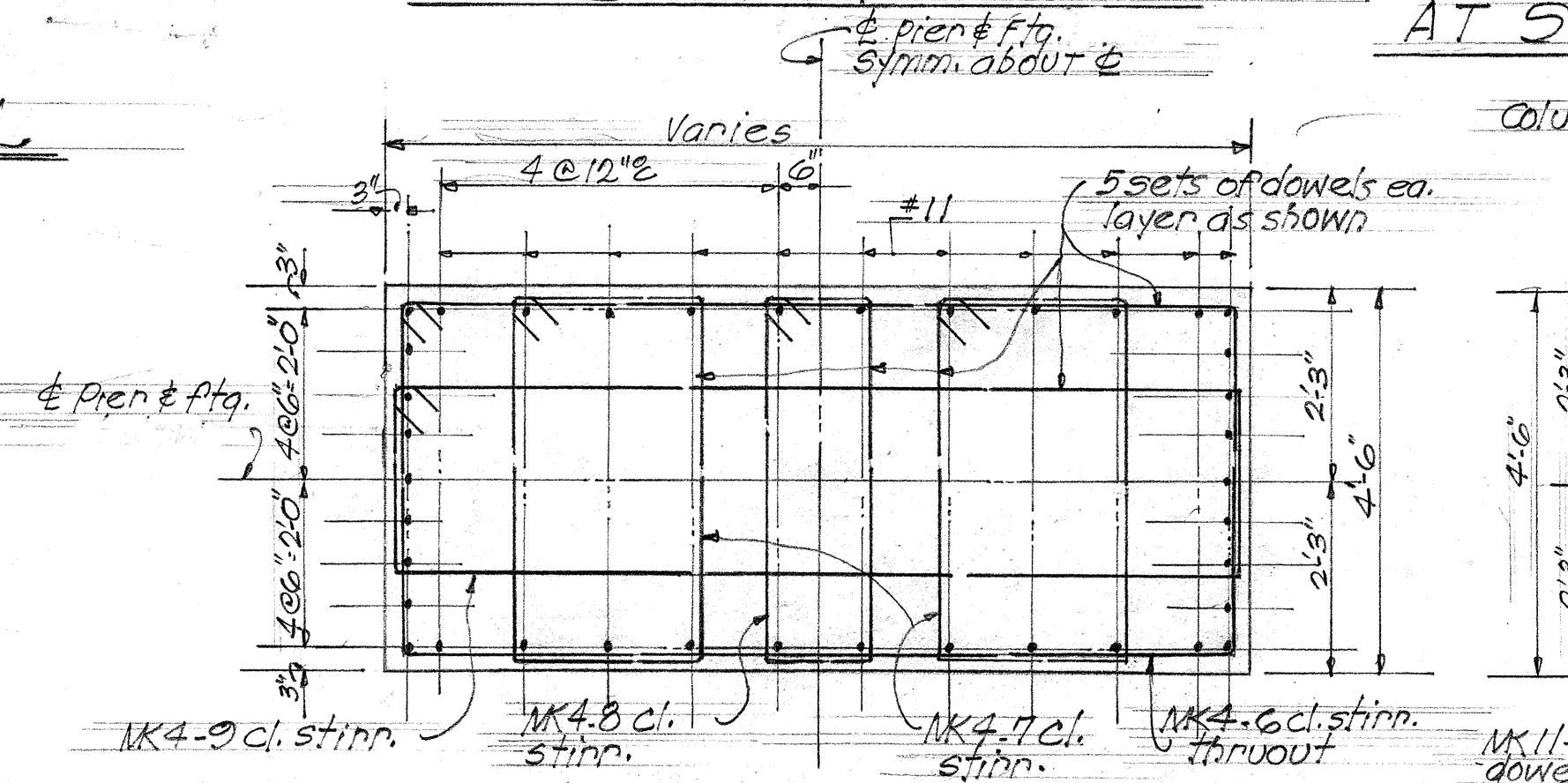
TYPICAL PIER CAP DETAIL
SCALE: 3/16" = 1'-0"



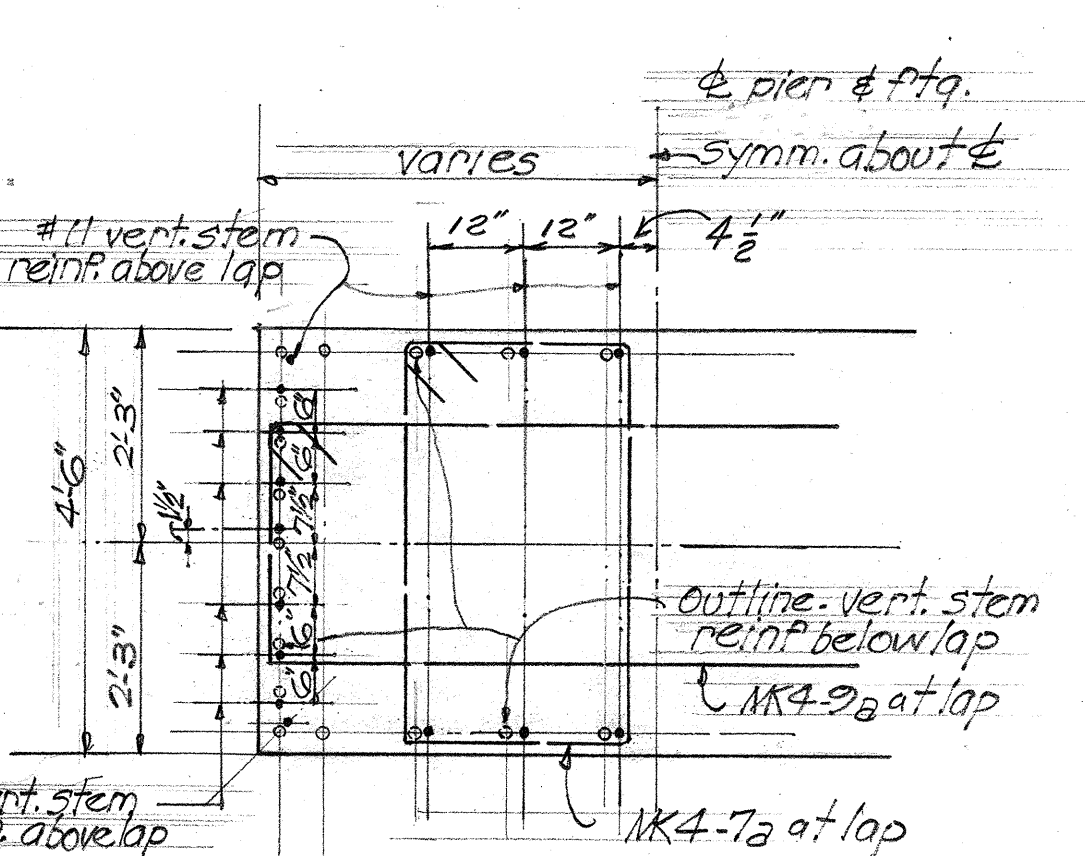
TYPE III STIRRUPS



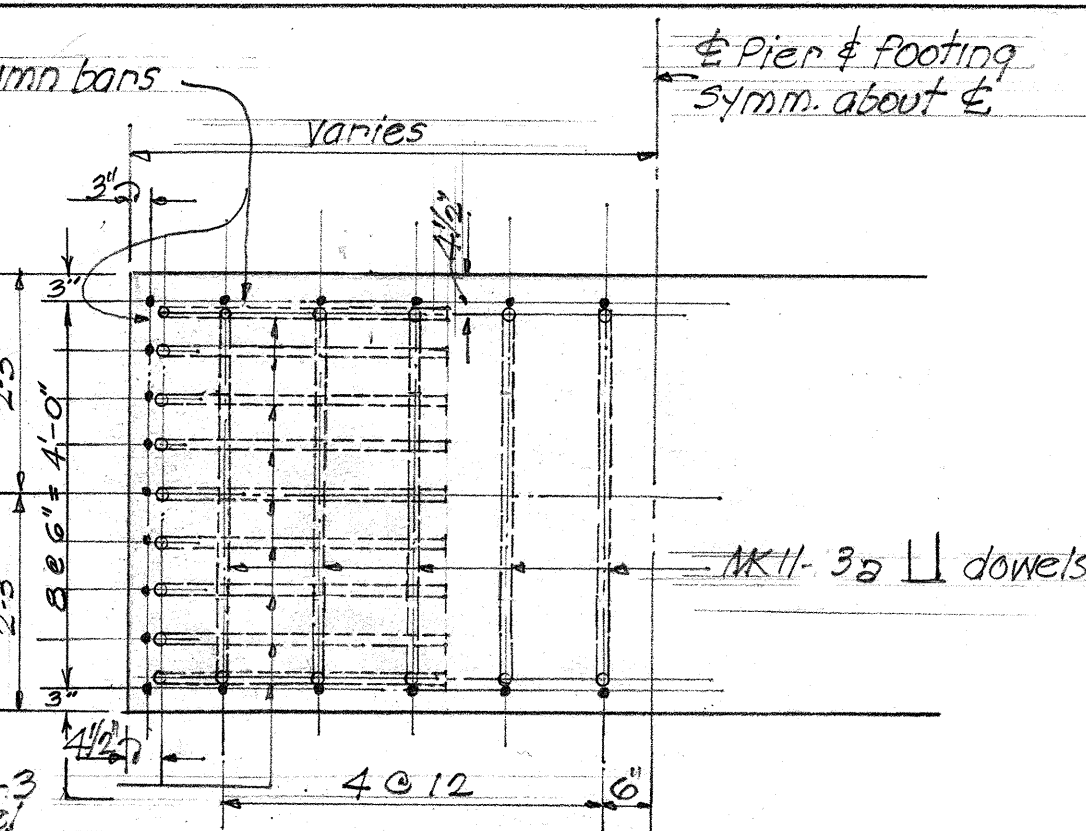
TYPE II STIRRUPS



TYPE I STIRRUPS



HALF SECTION "G-G" SHOWING ARRANGEMENT OF VERT. STEM REINF. AT SPLICE
SCALE: 1/2" = 1'-0"



HALF SECTION "H-H" SHOWING ARRANGEMENT OF DOWEL LOCATION

TYPICAL PIER COLUMN SECTIONS
SCALE: 1/2" = 1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

BRIDGE No 5
Sta. 124 + 20 to Sta. 127 + 49.63

PALI ROAD Proj. 50610(1)
May 1955

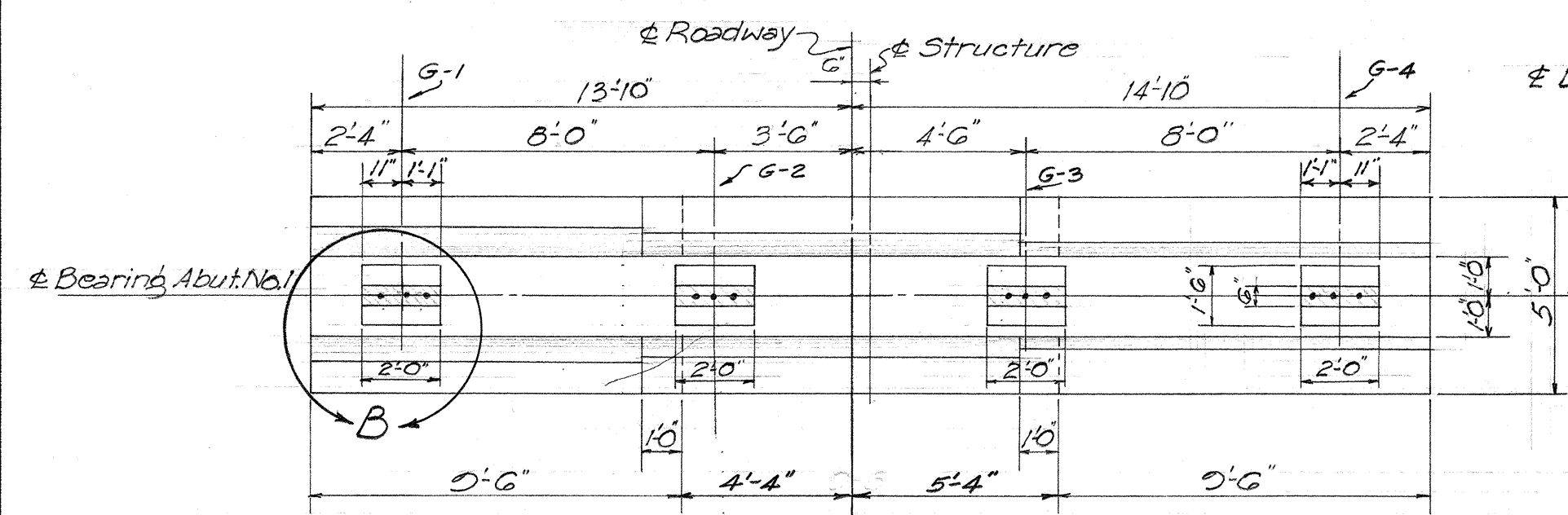
SHEET No. 10 OF 12 SHEETS

5752 37

DATE: May 55
DESIGNED BY: R. P. D. L. L. L.
DRAWN BY: E. C. L. L. L.
CHECKED BY: E. C. L. L. L.
QUANTITIES CHECKED BY: E. C. L. L. L.
NOTED BY: E. C. L. L. L.
ORIGINAL PLAN NO. 5752 37

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50610(1)	1955	38	84

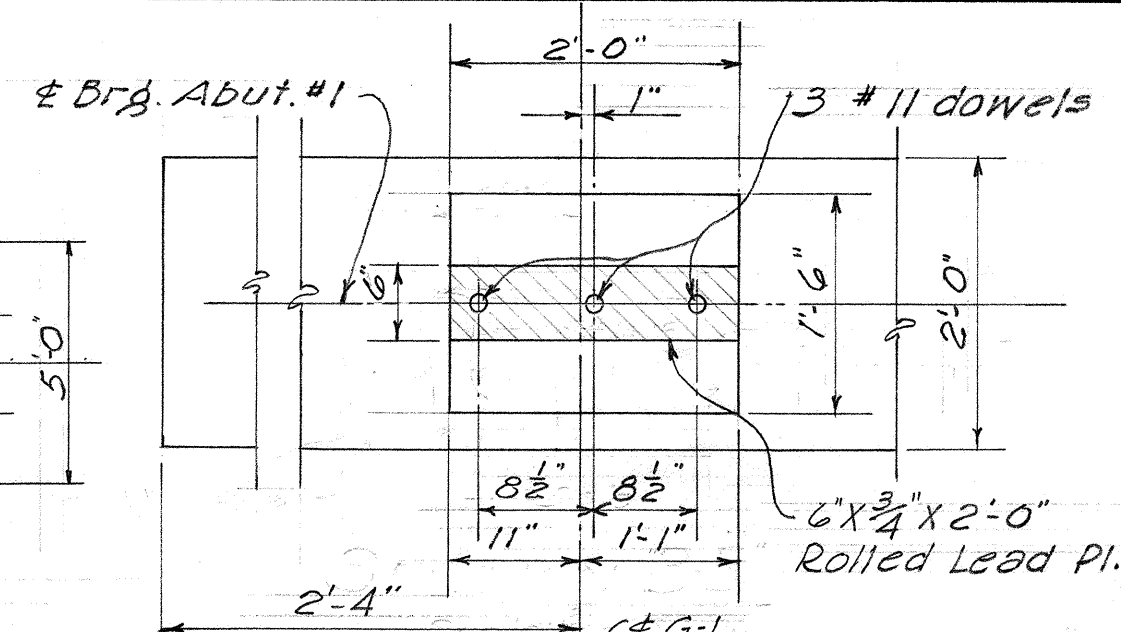
REV. 2-28-56. Altered dowel spacing.



PLAN - ABUTMENT No. 1

Scale: 1/4" = 1'-0"

(looking with stationing)

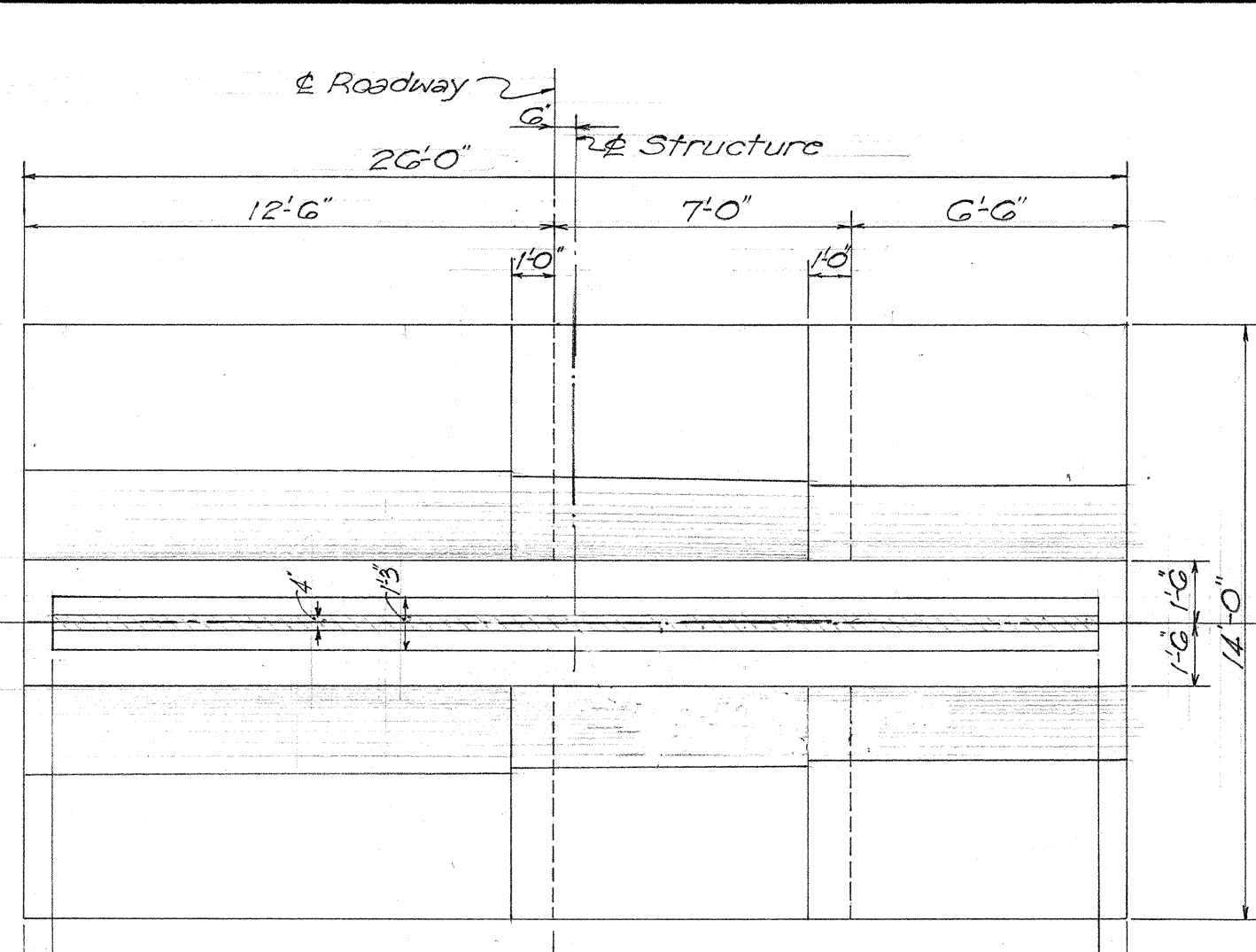


DETAIL - B

(G-4 similar)

Scale: 3/4" = 1'-0"

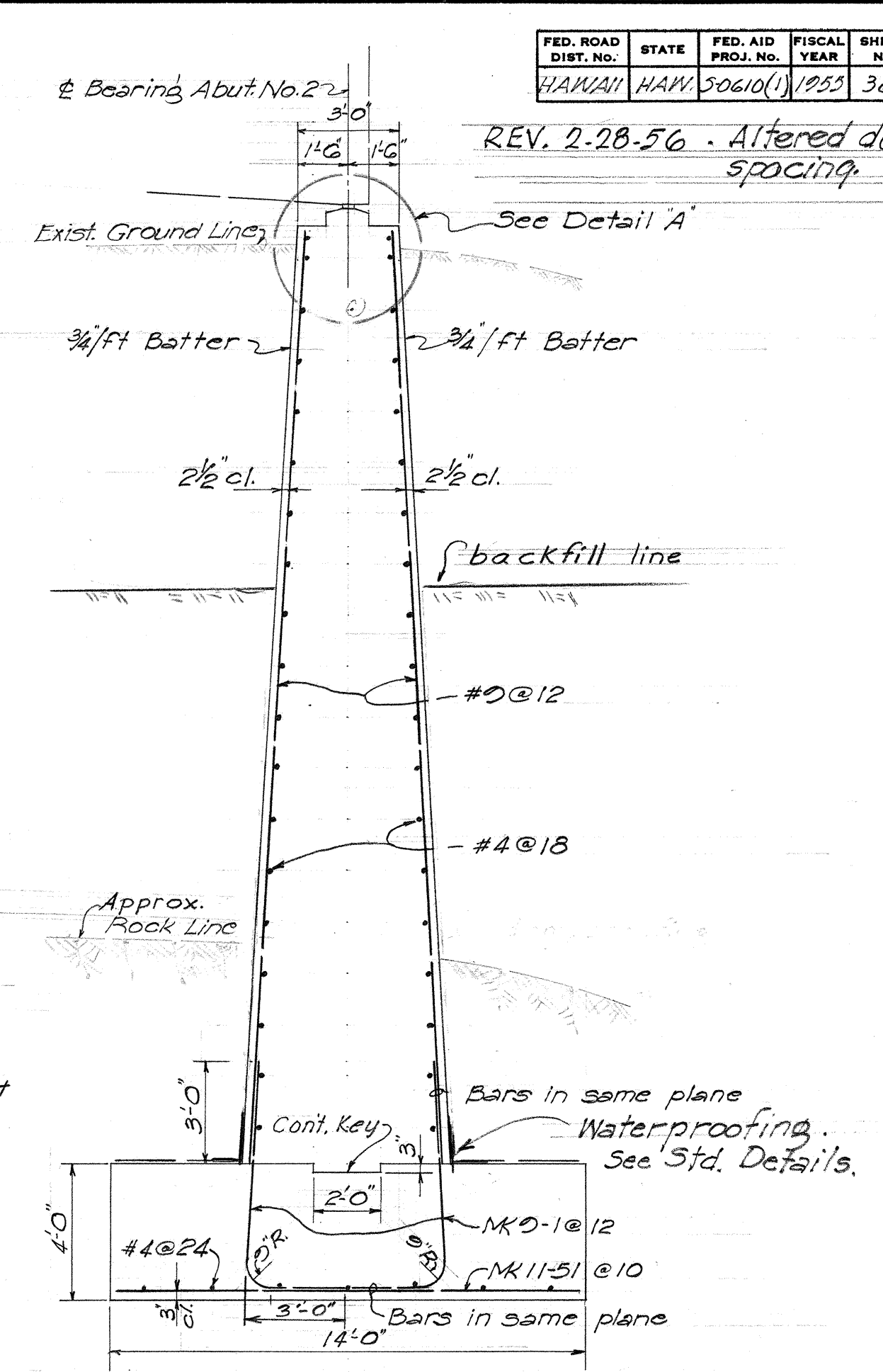
to Bearing Abut. No. 2



PLAN - ABUTMENT No. 2

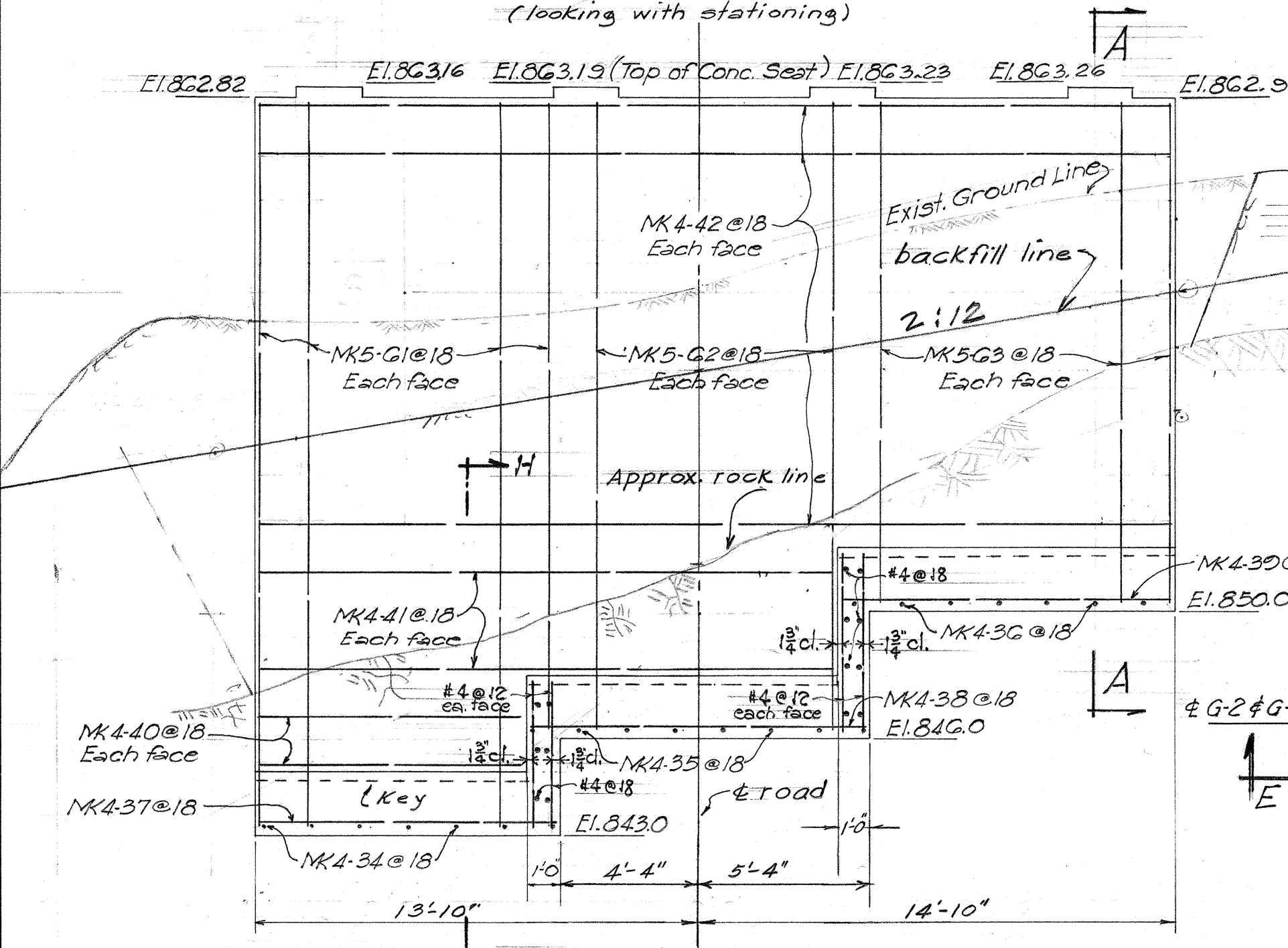
Scale: 1/4" = 1'-0"

REV. 2-28-56



SECTION 'C-C'

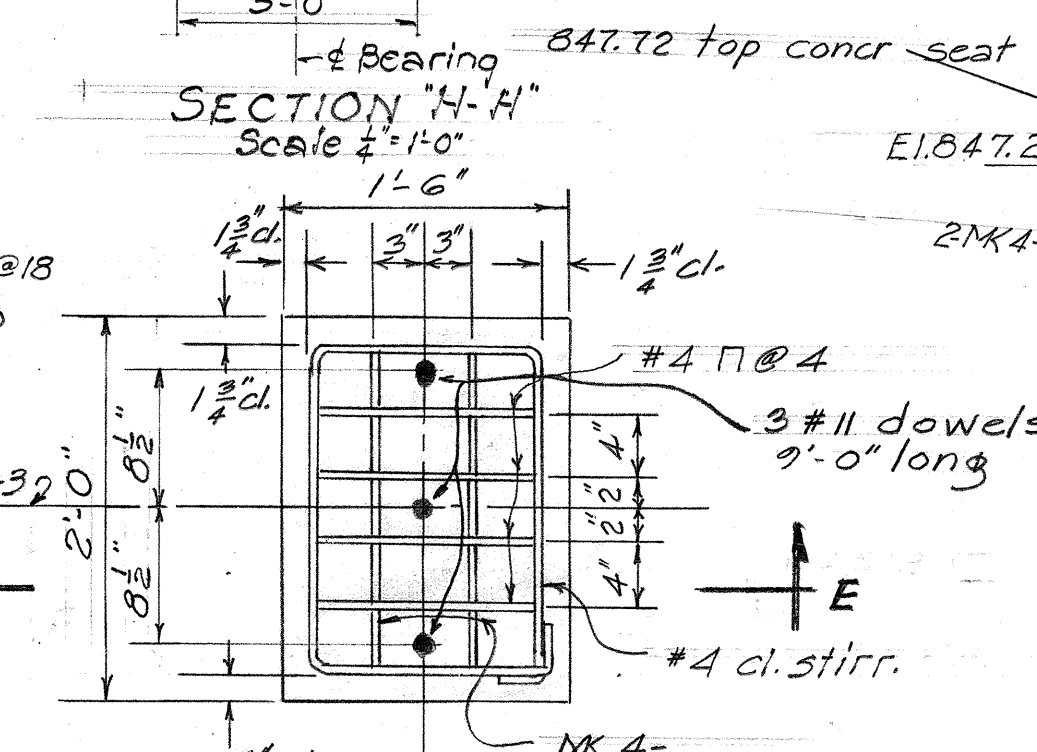
Scale: 1/4" = 1'-0"



ELEV. - ABUTMENT No. 1

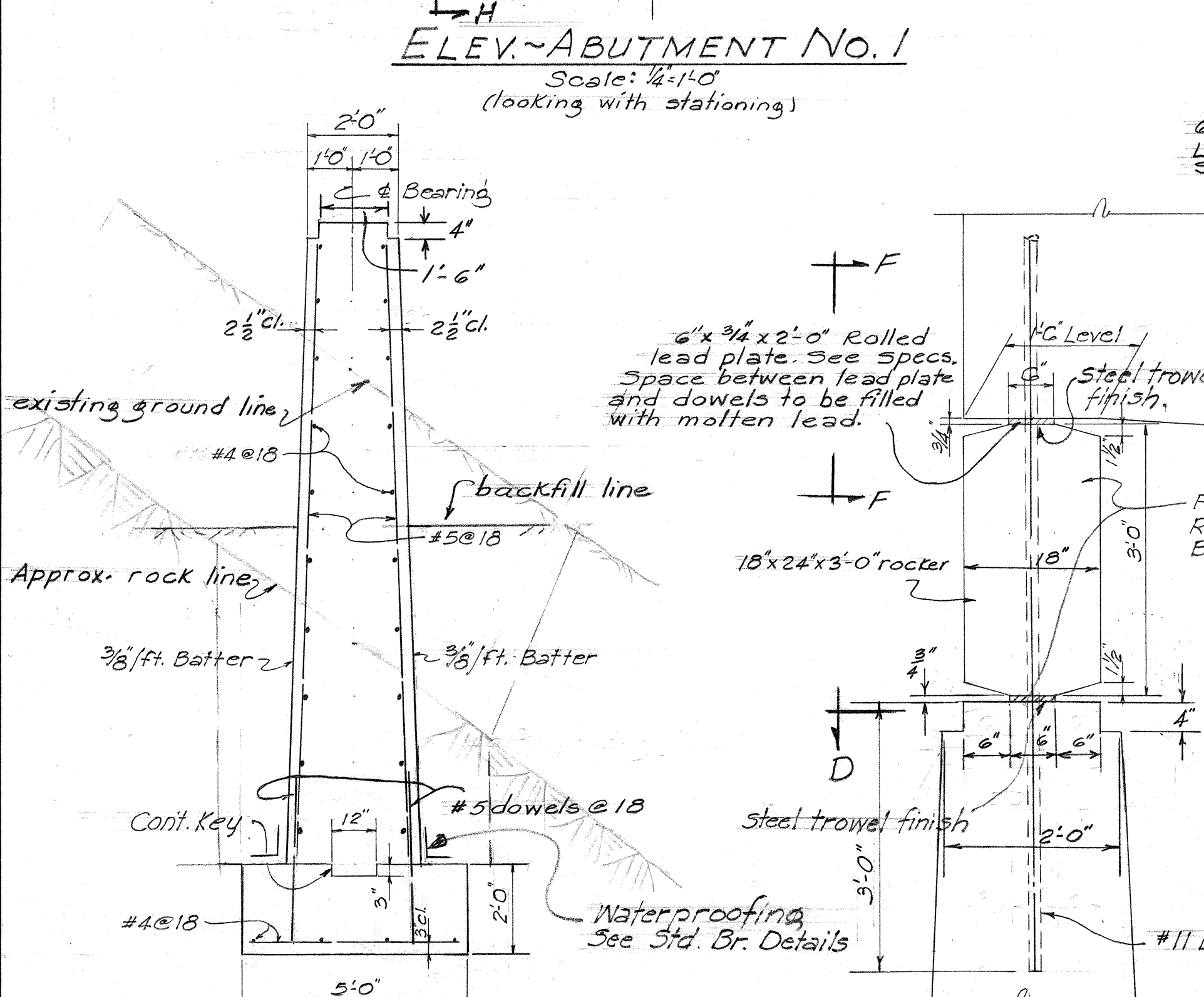
Scale: 1/4" = 1'-0"

(looking with stationing)



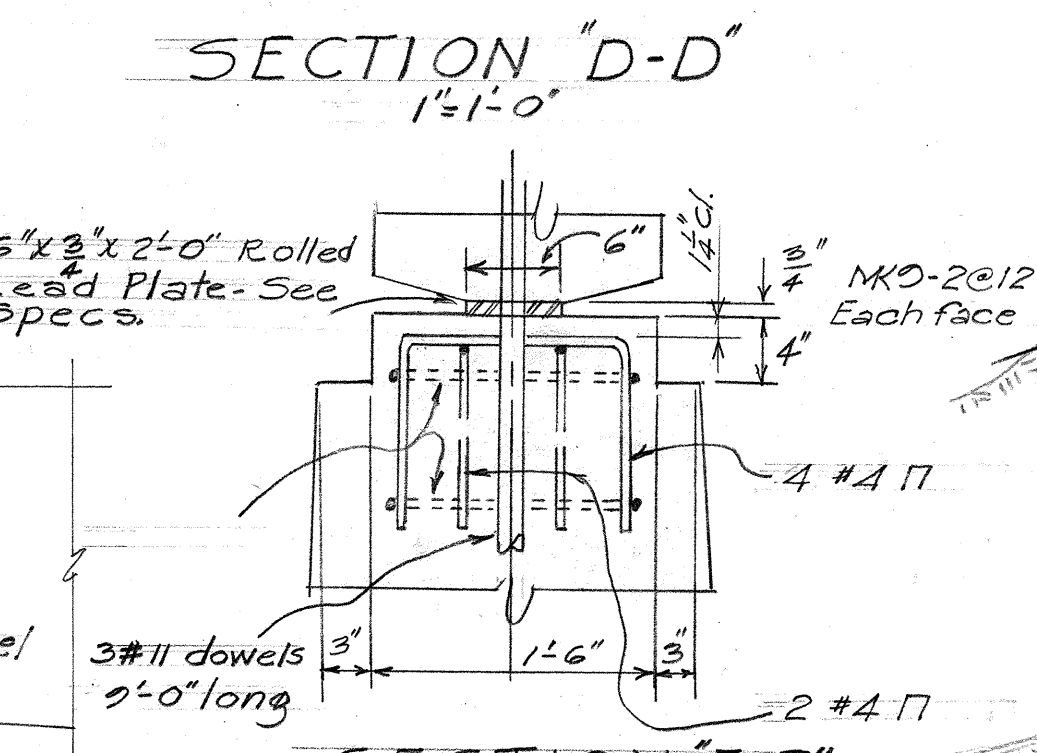
SECTION 'D-D'

Scale: 1/4" = 1'-0"



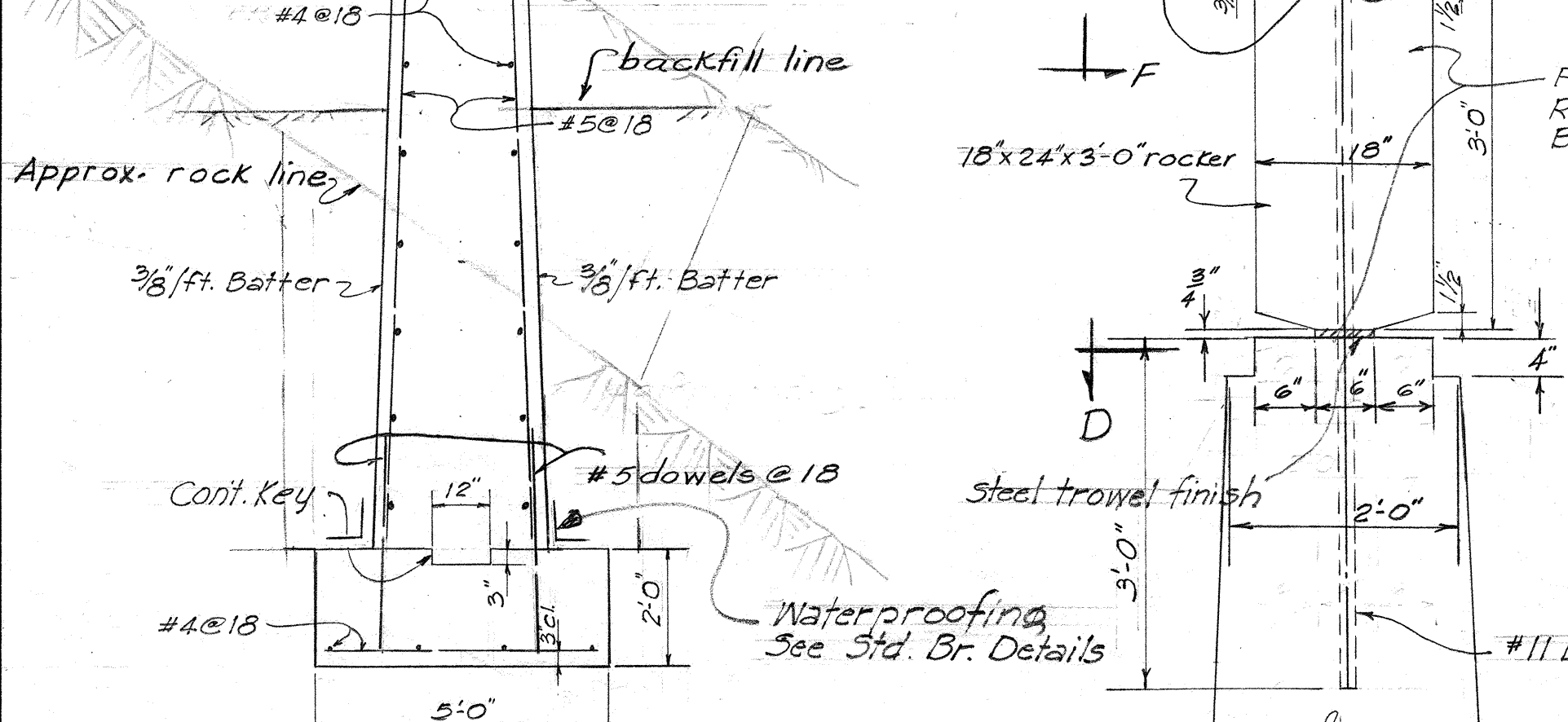
SECTION 'A-A'

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



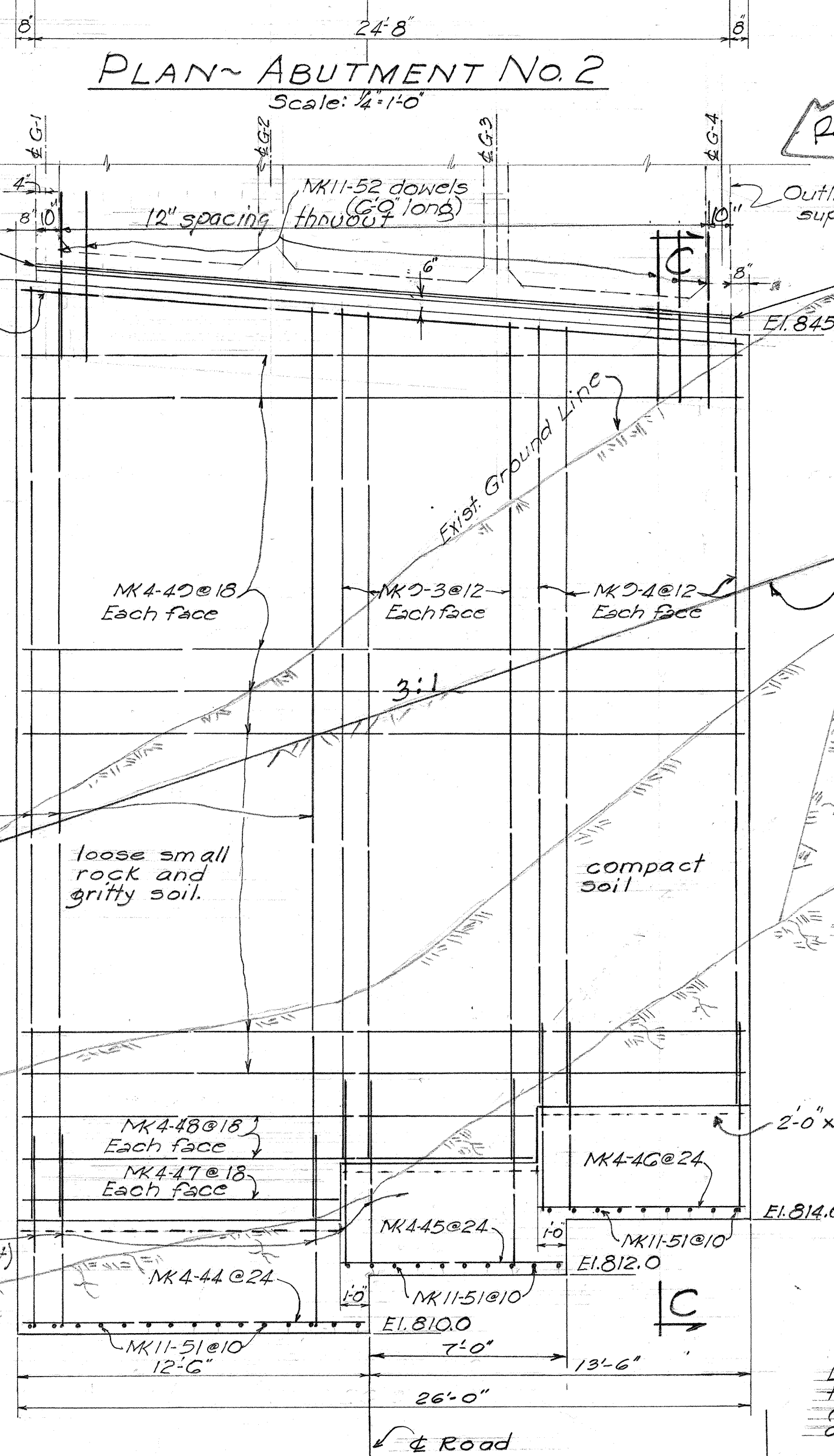
SECTION 'E-E'

Scale: 1/4" = 1'-0"



ROCKER DETAIL

Scale: 1/4" = 1'-0"

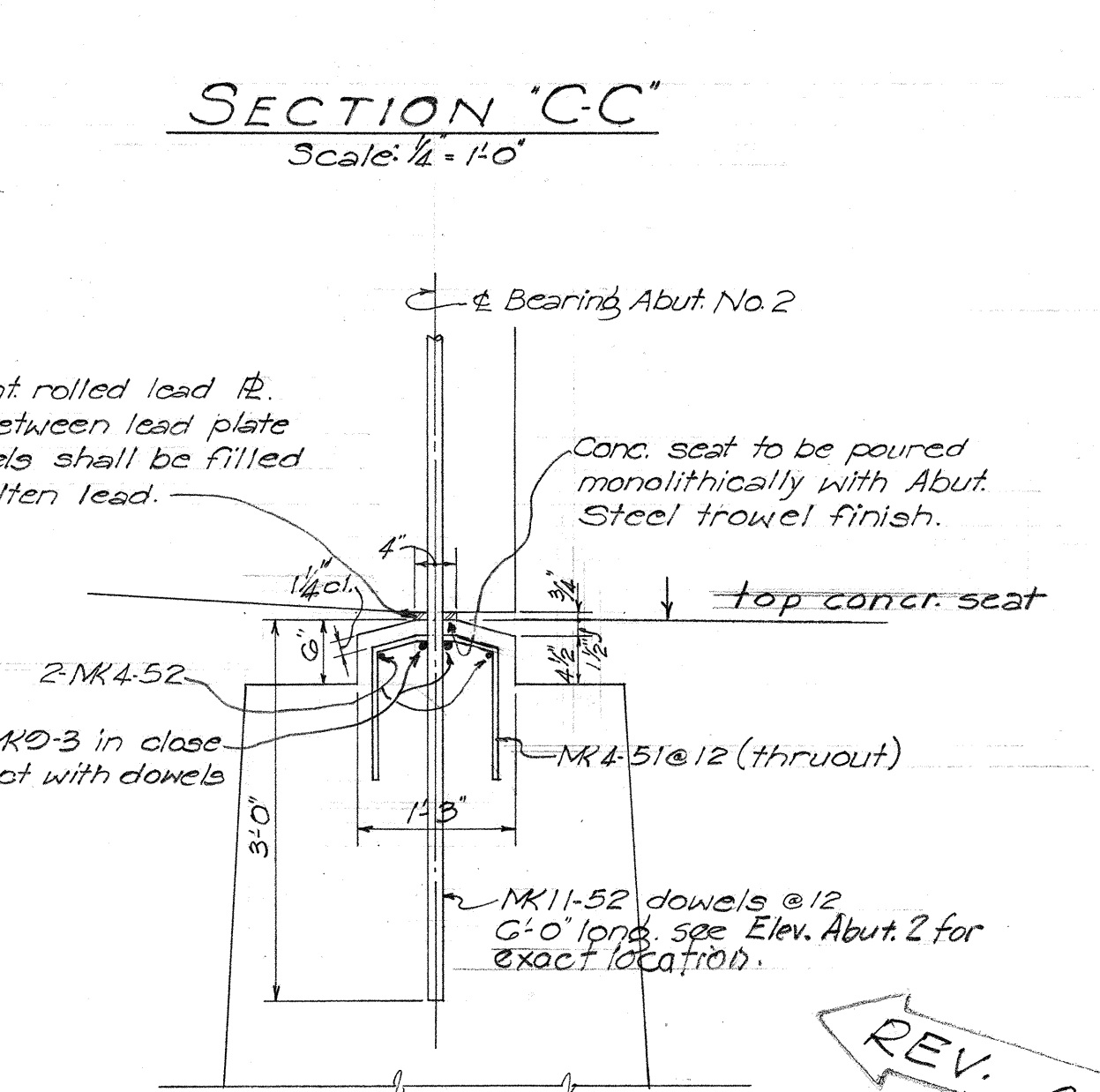


ELEV. - ABUTMENT No. 2

Scale: 1/4" = 1'-0"

ELEVATION 'F-F'

Scale: 1/2" = 1'-0"



DETAIL 'A'

Scale: 3/4" = 1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
BRIDGE No. 5
Sta. 124+20.00 to Sta. 127+40.63
PALI ROAD PROJ. 50610(1)
May '55

SHEET No. 11 OF 12 SHEETS

5752 • 38

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
NO.	

