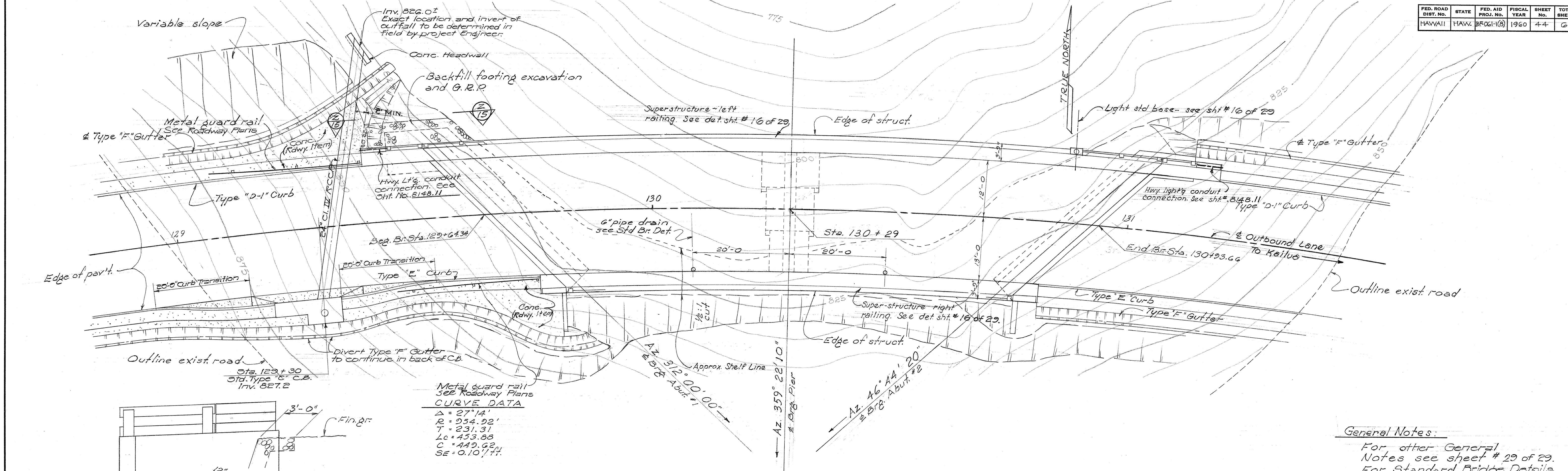


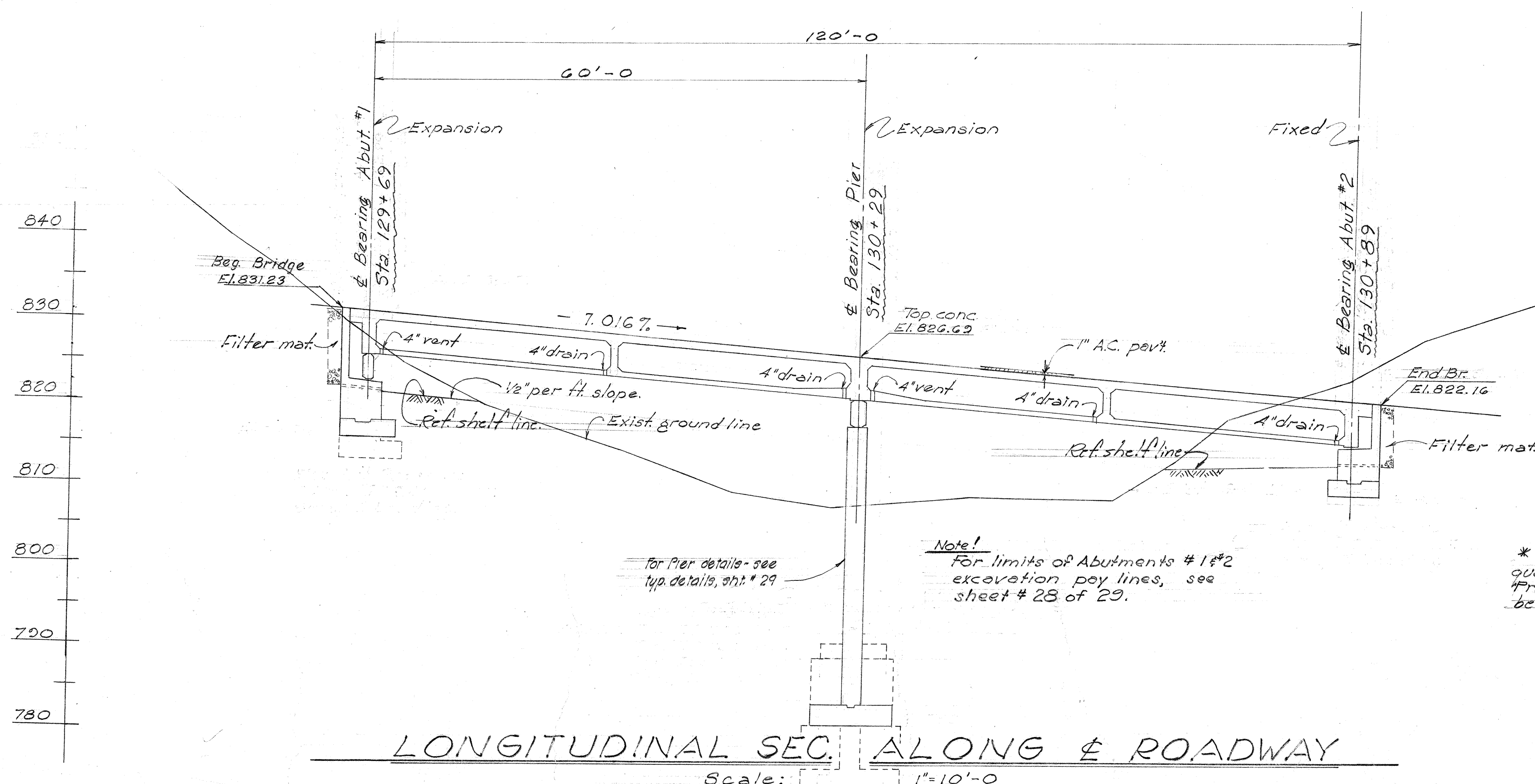
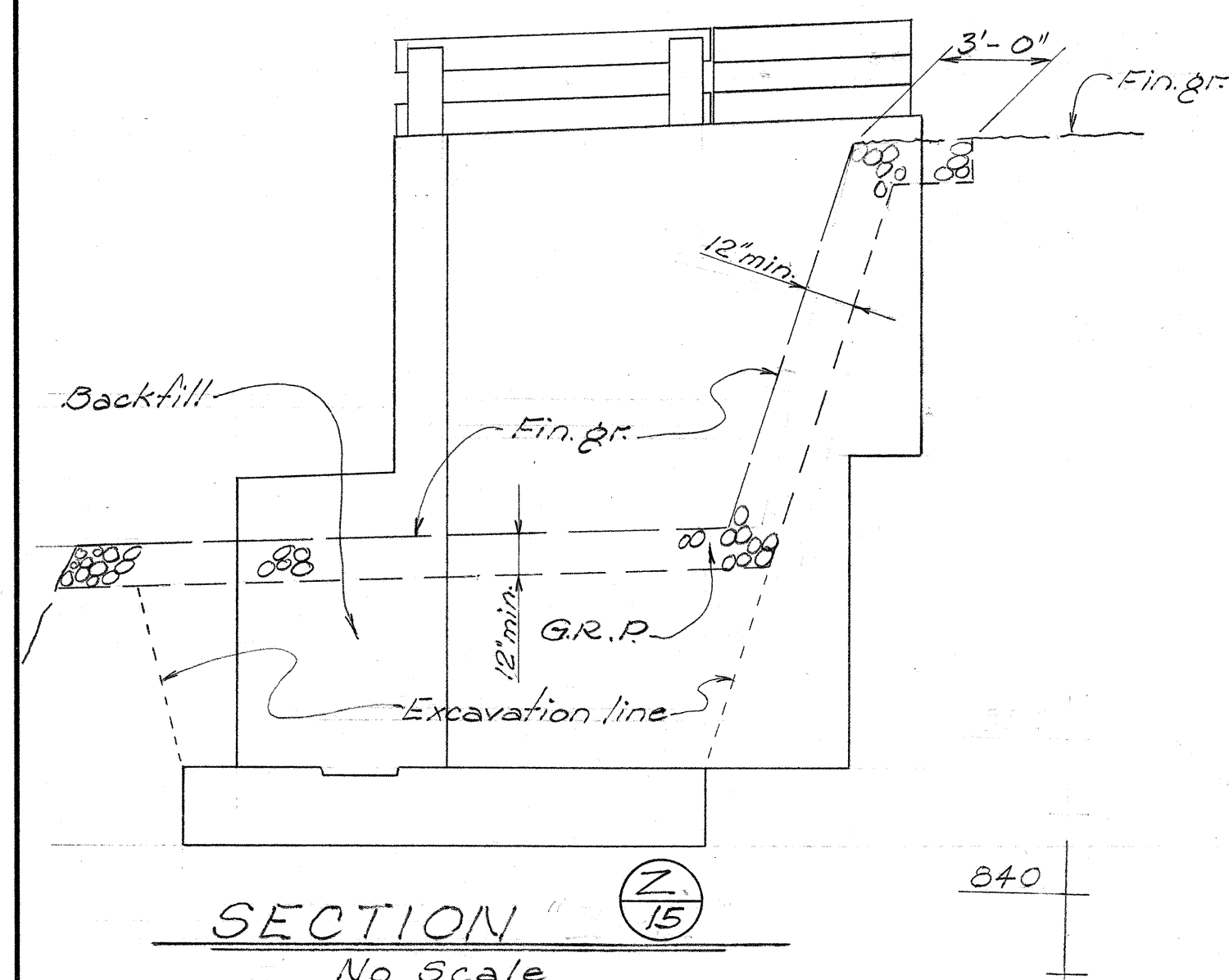
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOT SHE
HAWAII	HAW.	BF-061-1(8)	1960	44	6



General Notes:
For other General
Notes see sheet # 29 of 29.
For Standard Bridge Details,
see Sheet Nos 848.55, 848.60, 848.61.
Except as otherwise noted, all
elevations indicated on this sheet
are top of finish conc. elevations.

LAYOUT PLAN

Scale: 1" = 10' - C



LONGITUDINAL SEC. ALONG & ROADWAY

Scale: 1" = 10' - 0"

<u>ESTIMATED QUANTITIES</u>	
Class A-1 Concrete	Lump Sum (56700 c.y.)
Reinforcing Steel	Lump Sum (93400.0*)
Structure Excavation	(714.0 cr.)
Asphalt Concrete Pavement (Mix "I")	21.0 Tons
Bituminous Tack Coat	83.0 Gals
Filter Material	44.0 c.y.
Grouted Rubble Paving	5.0 c.y.
* Roadway Excavation Under Br.	240.0 c.y.
Metal Guard Rail/Conc. Posts	100.0 L.F.

* This item included in the quantity for "Roadway Excavation Proposal Item #13 and will not be paid for separately.

HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII

BRIDGE #7A
STA. 129+04.34 - 130+93.00
PALI HWY - OUTBOUND
PROJ. NO BF-OGI-1(8)
OCTOBER 1959

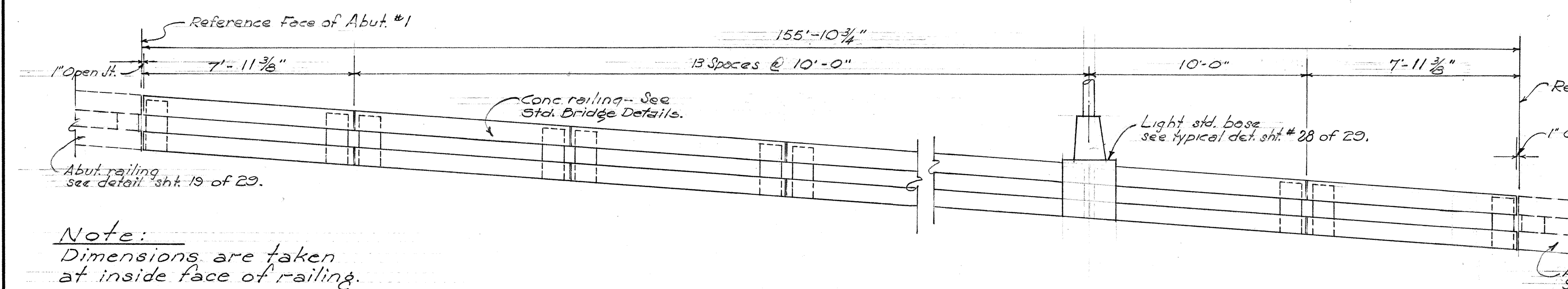
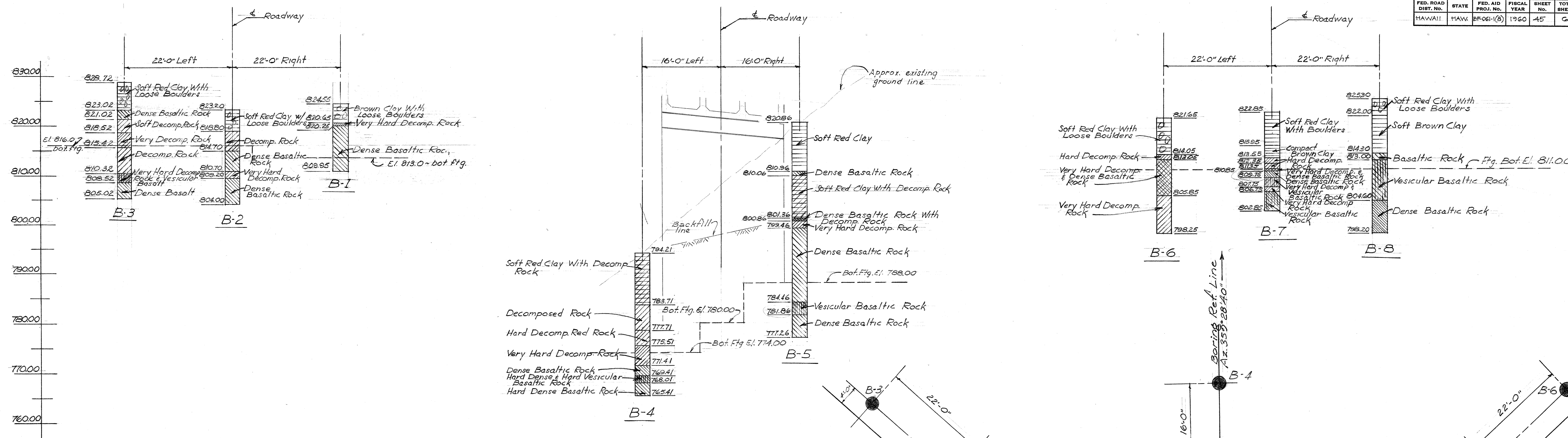
SHEET No. 15 OF 29 SHEETS

FOR CONTRACT PLANS

. 8 1 4 8 . 4 4

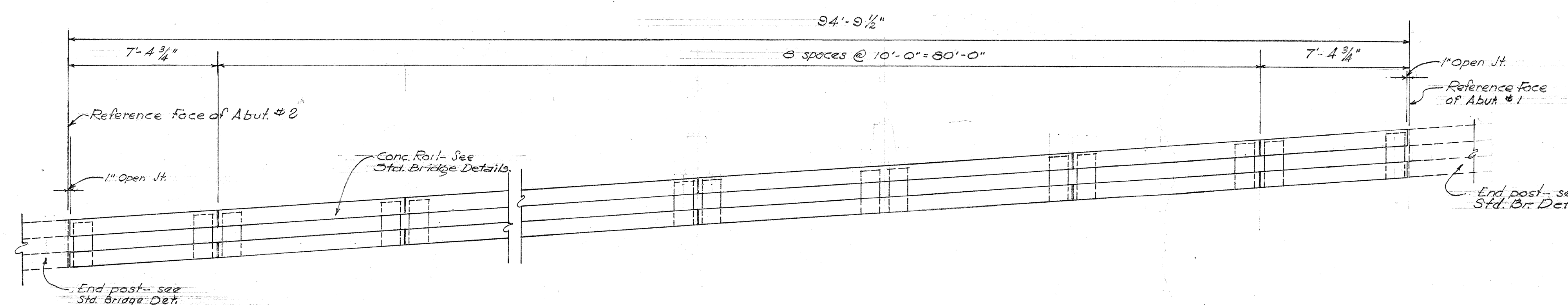
13-61-1(2) (4)

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOT SHE
HAWAII	HAW.	BF-061-1(8)	1960	45	6

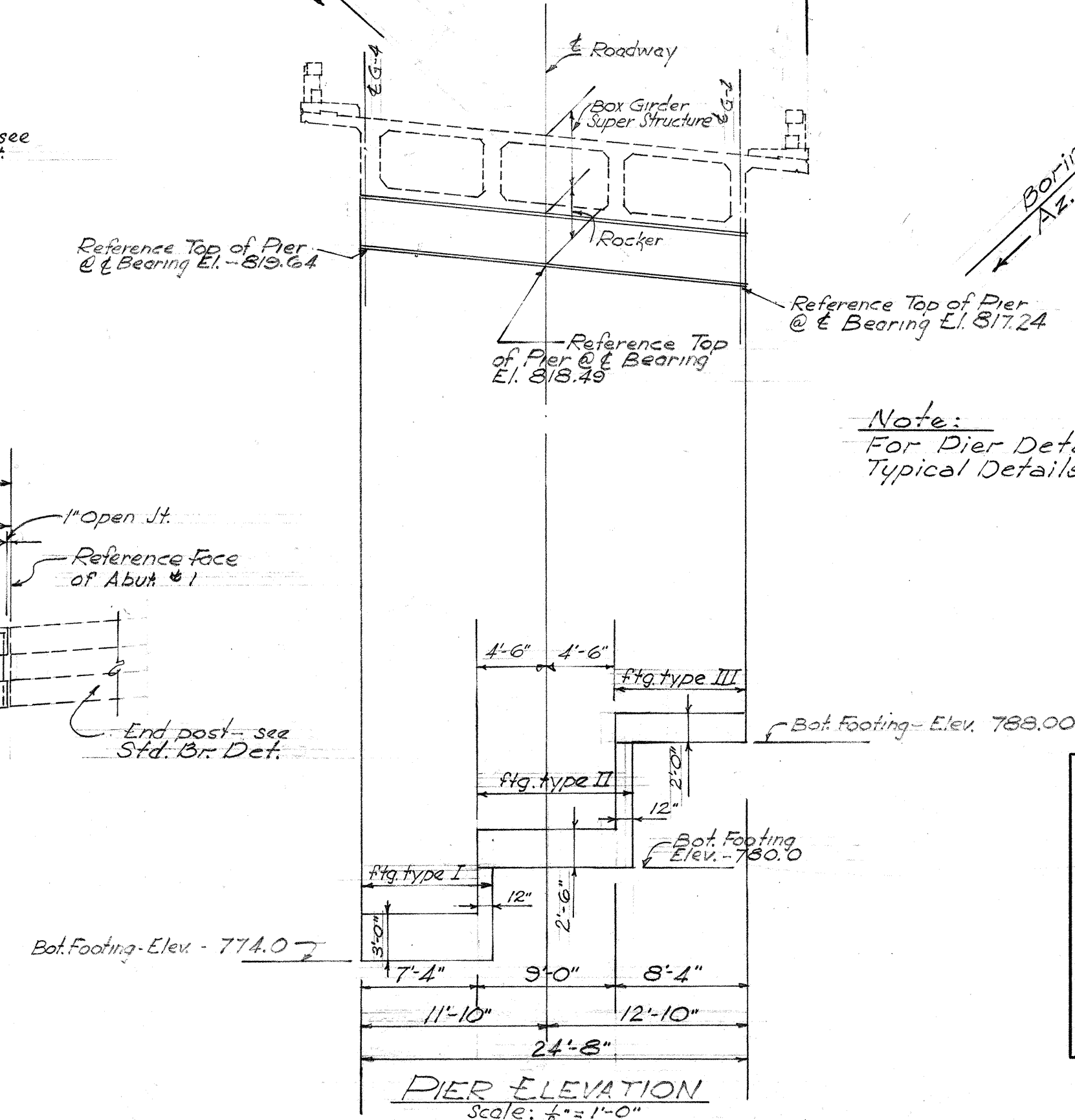


Note:
Dimensions are taken
at inside face of railing

SUPERSTRUCTURE LEFT RAILING ELEVATION
Scale - $\frac{1}{4}" = 1' - 0"$



SUPERSTRUCTURE RIGHT RAILING ELEVATION
Sea/e - $\frac{1}{2}$ " = 1'-0"



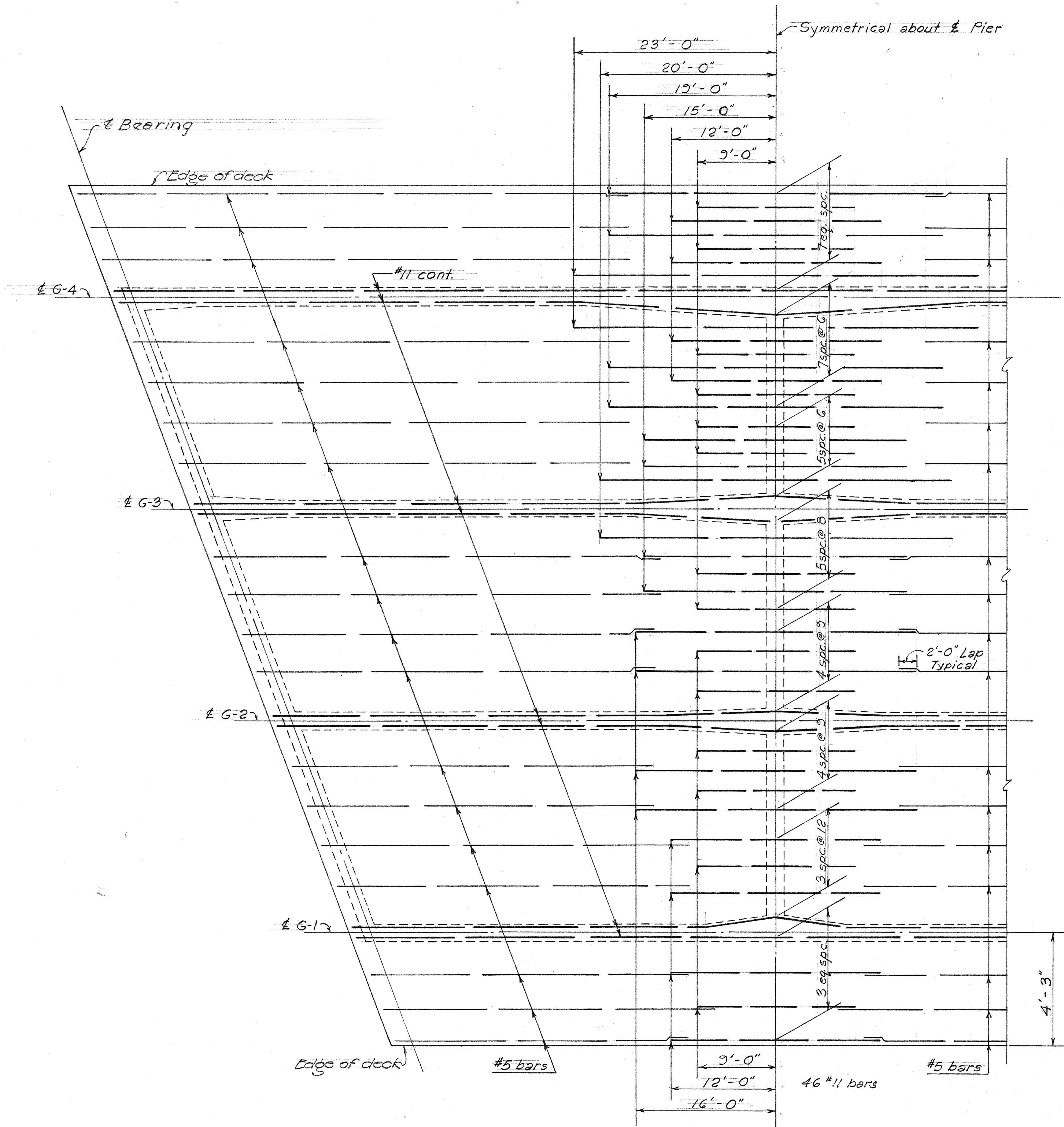
Note:
For Pier Details see
Typical Details Sht. # 29 of 29.

HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII
BRIDGE # 7A
STA. 129+64.34 - 130+23.66
PALI HWY - OUTBOUND
PROJ. NO BF-061-1(B)
OCTOBER 1959

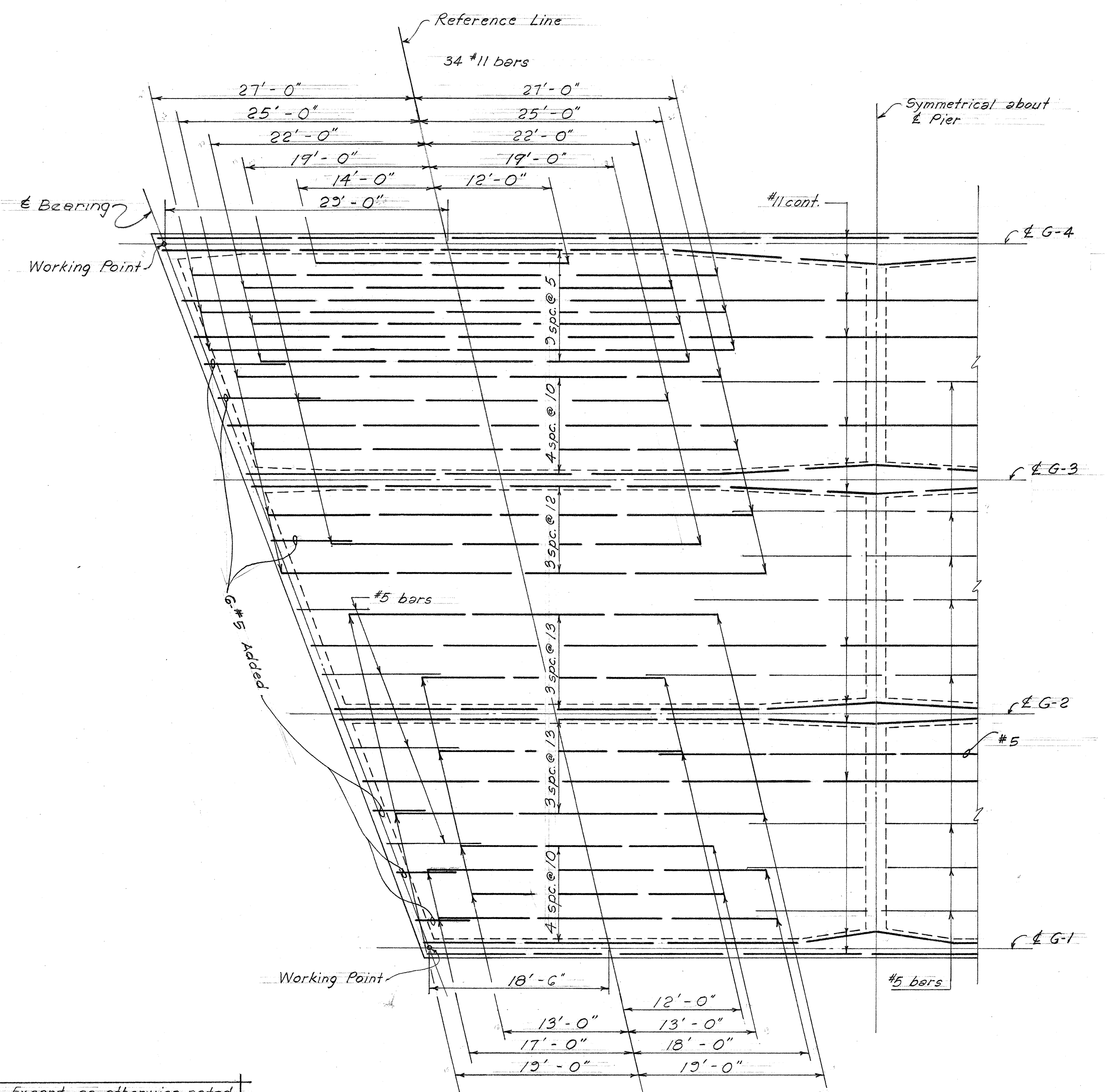
SHEET No. 16 OF 29 SHEETS

. 8 1 4 8 . 4 5

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DF-OGI-1(8)	1960	46	61



PLAN
TOP SLAB TOP LAYER REINFORCING



PLAN
BOTTOM SLAB BOTTOM LAYER REINFORCING

Note: Except as otherwise noted all bars #11.
Curvature of girders and reinforcing is not shown. Radius = 757.92' @ & roadway.

Note:
For additional superstructure details and reinforcements, see typical det. sheet #27 of 29.

HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII

BRIDGE #7A

STA. 122+64.34 - 130+93.66

PALI HWY. - OUTBOUND

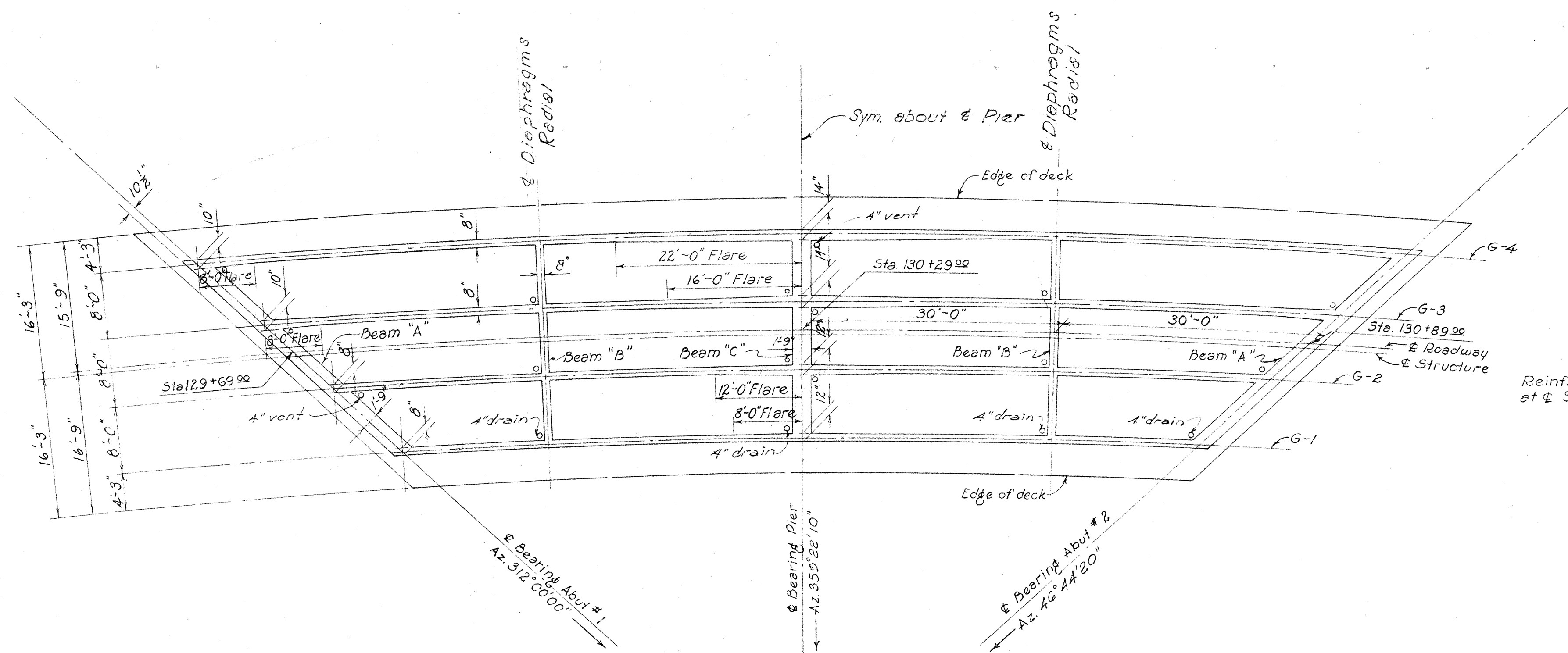
PROJ. NO. DF-OGI-1(8)

OCTOBER 1959

SHEET No. 17 OF 29 SHEETS

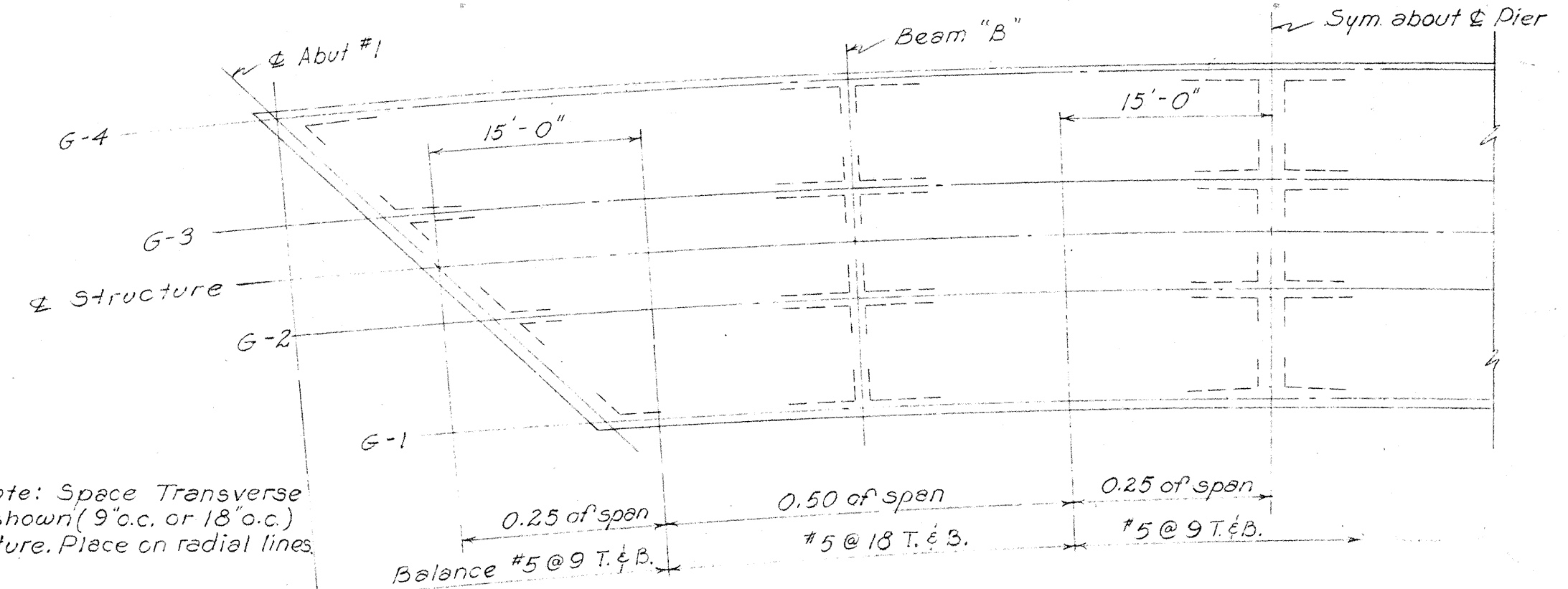
.8148.46

DESIGNED BY	DATE
DRAWN BY	12-2-59
CHECKED BY	
QUANTITIES CHECKED BY	
NOTE BOOK No.	



FRAMING PLAN

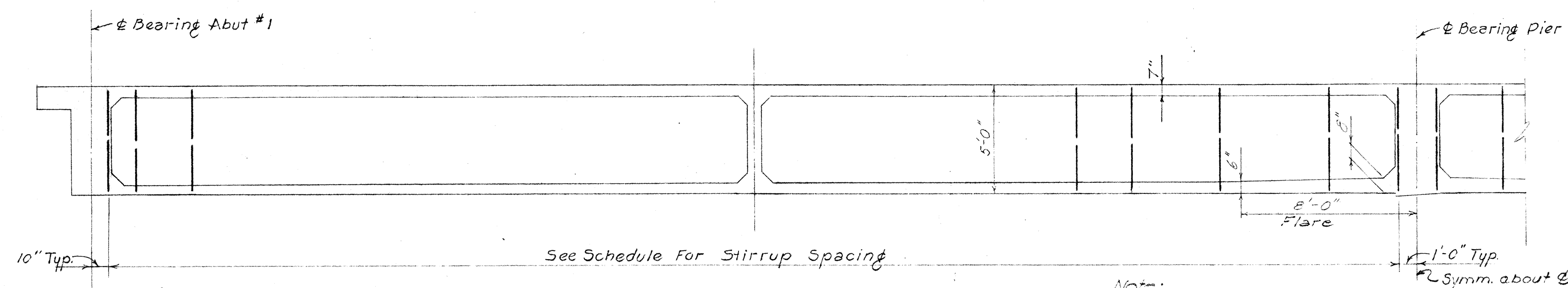
Scale: 1" = 10'-0"



BOTTOM FLANGE-TRANSVERSE REINF. PLAN

SCALE: 1" = 10'-0"

NOTE:
For additional superstructure details, see typ. det. sht. #27 of 29.



GIRDER STIRRUP SPACING

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

Girder No.	Beam "A"	Beam "B"	Beam "C"	Beam "A"	Beam "B"	Beam "C"	Beam "A"	Beam "B"	Beam "C"
G-1	10" 3 @ 8" 2 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"	10" 8 @ 9" 4 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"	10" 8 @ 9" 4 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"
G-2	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"	10" 8 @ 9" 4 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"	10" 8 @ 9" 4 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"	10" 8 @ 9" 4 @ 12" 2 @ 15"
G-3	10" 4 @ 9" 3 @ 12" 2 @ 15"	10" 8 @ 9" 4 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"	10" 8 @ 9" 4 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"	10" 8 @ 9" 4 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"
G-4	10" 8 @ 9" 4 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"	10" 8 @ 9" 4 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"	10" 8 @ 9" 4 @ 12" 2 @ 15"	10" 2 @ 9" 2 @ 12" 2 @ 15"	10" 4 @ 9" 3 @ 12" 2 @ 15"

GIRDER STIRRUP SPACING SCHEDULE

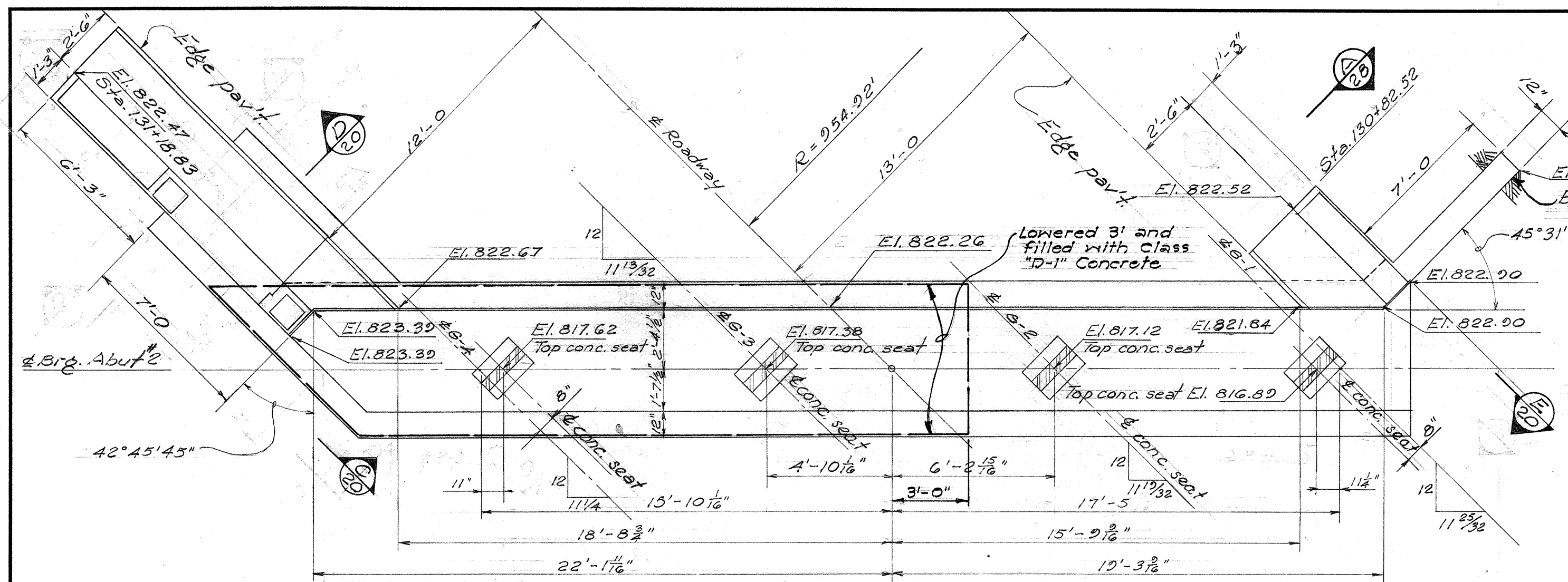
HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII
BRIDGE #7A
STA. 129+64.34 - 130+23.66
PALI HWY - OUTBOUND
PROJ. NO. BF-OGI-1(8)
OCTOBER 1959

SHEET NO. 18 OF 29 SHEETS

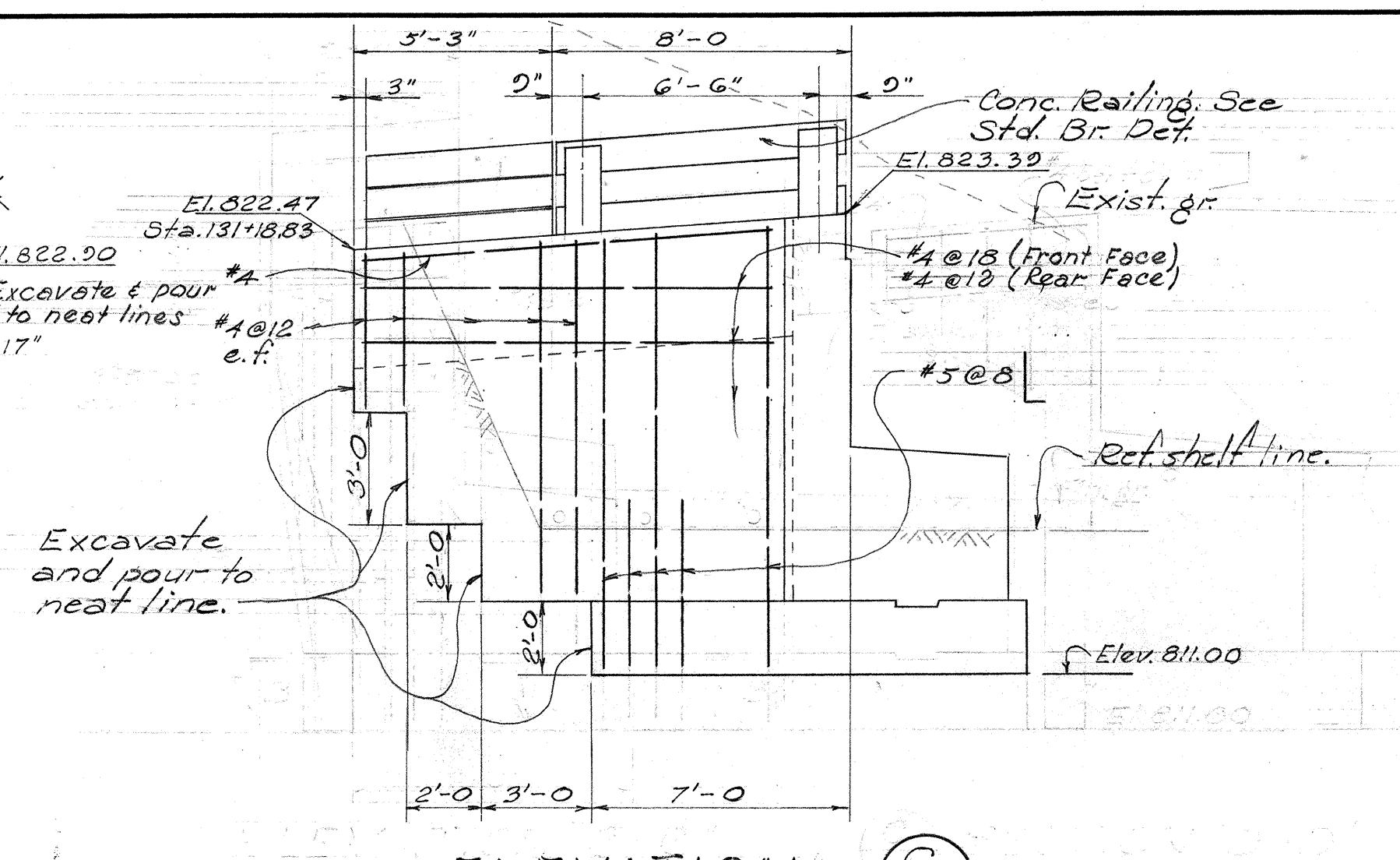
8148.47

ORIGINAL PLAN
DESIGNED BY
TRACED BY
QUANTITIES BY
CHECKED BY
DATE
10/2/59
11/1/59
11/1/59
11/1/59
11/1/59

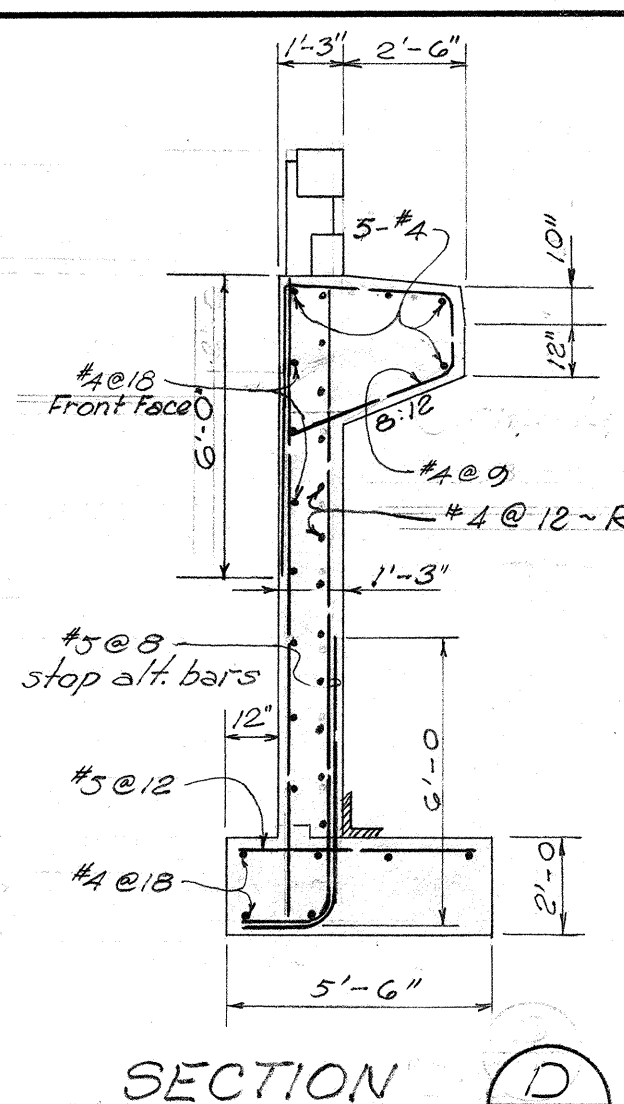
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BF-061-1(5)	1960	49	51



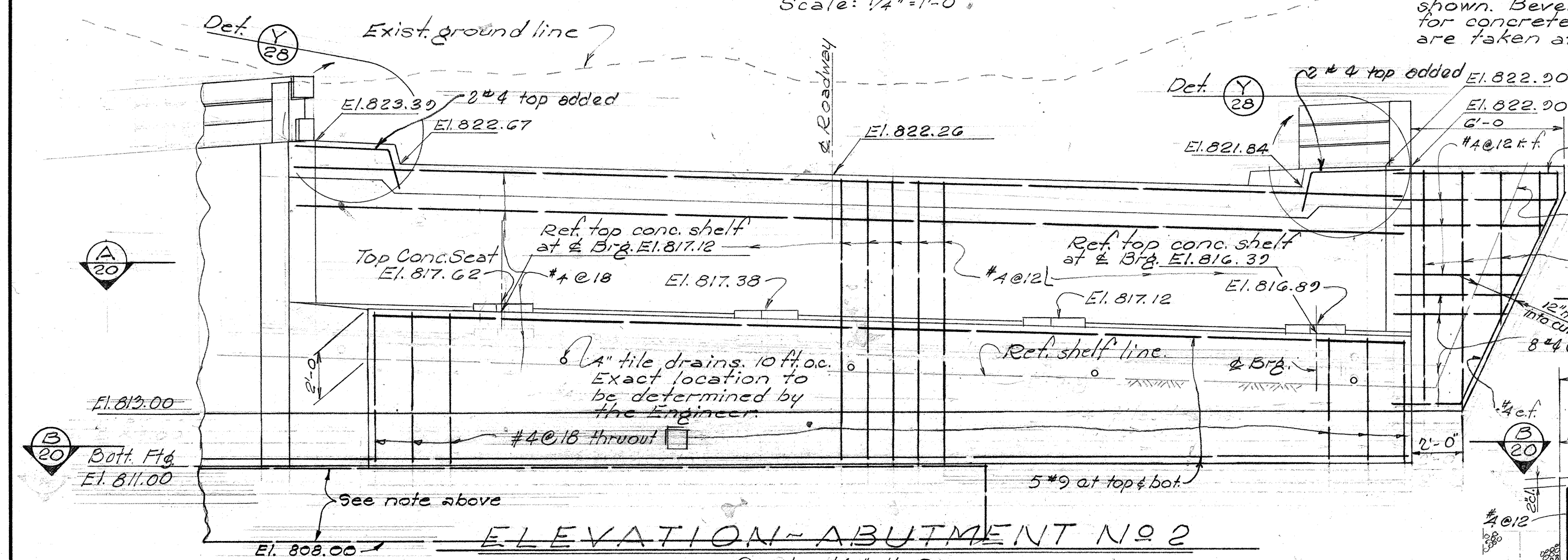
PLAN - ABUTMENT NO 2
Scale: 1/4"=1'-0"



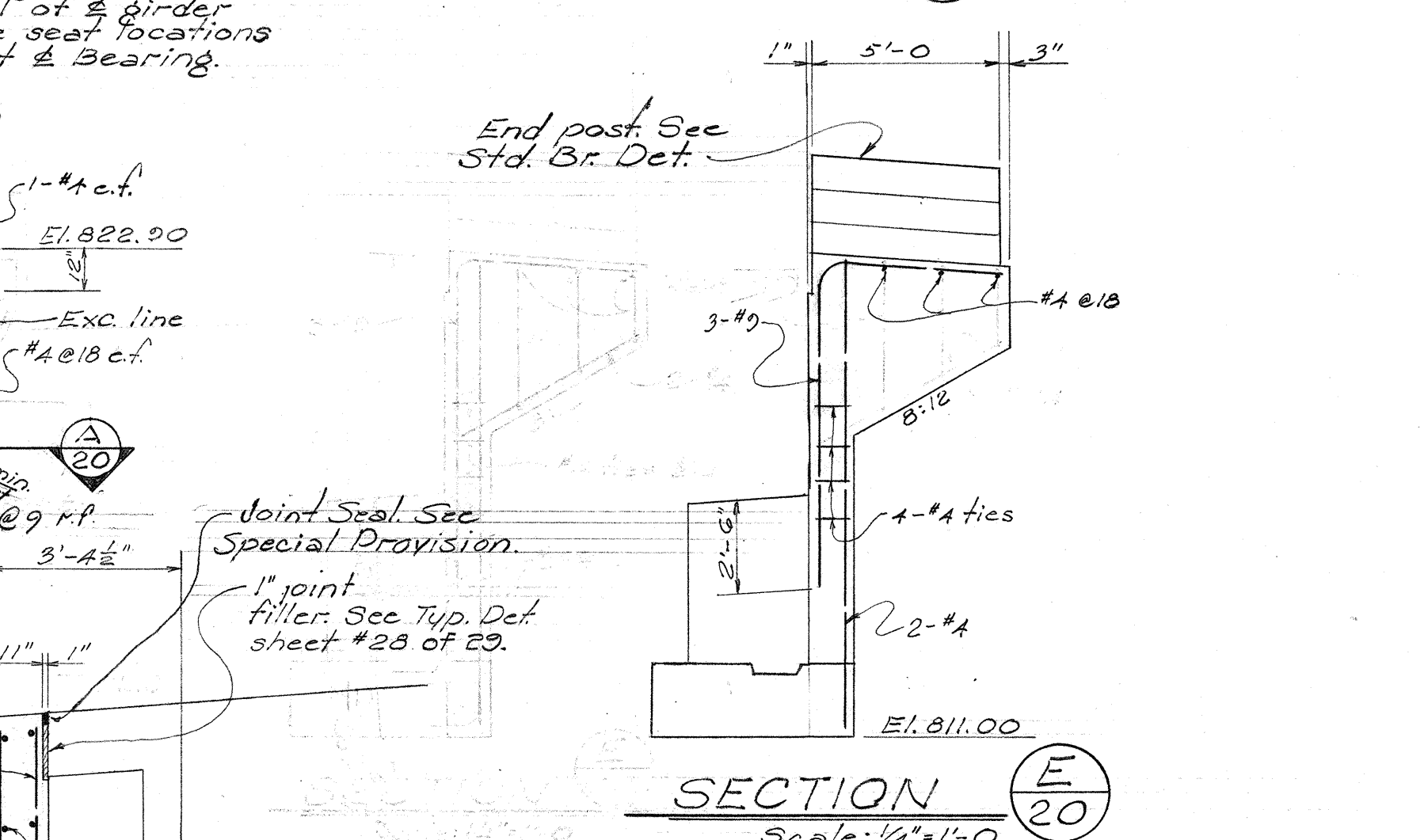
ELEVATION C
Scale: 1/4"=1'-0"



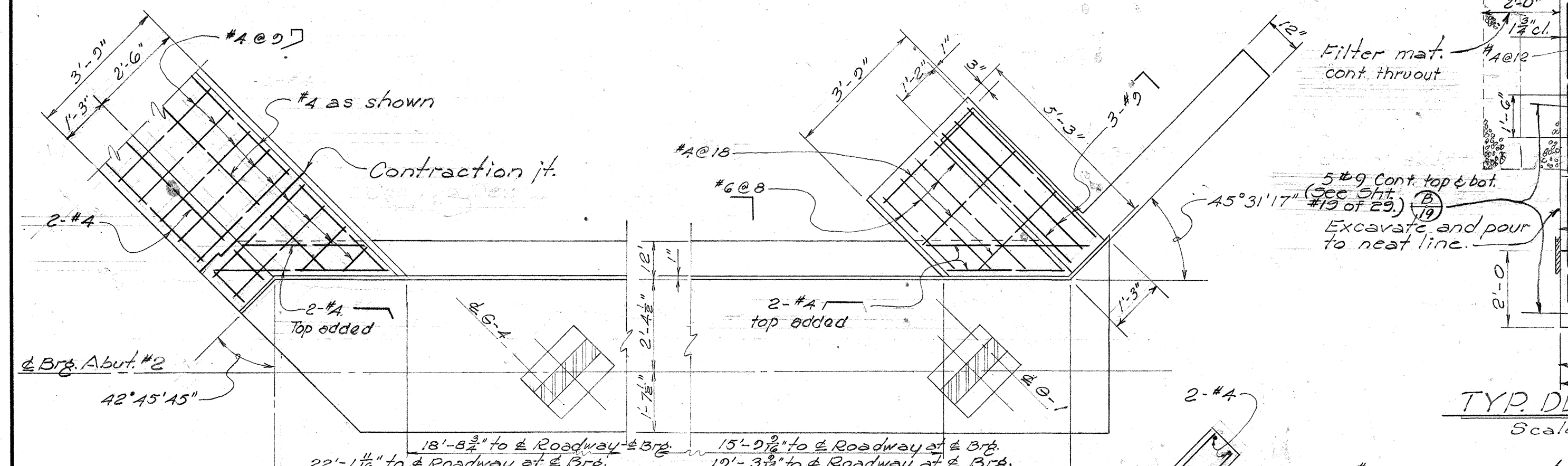
SECTION D
Scale: 1/4"=1'-0"



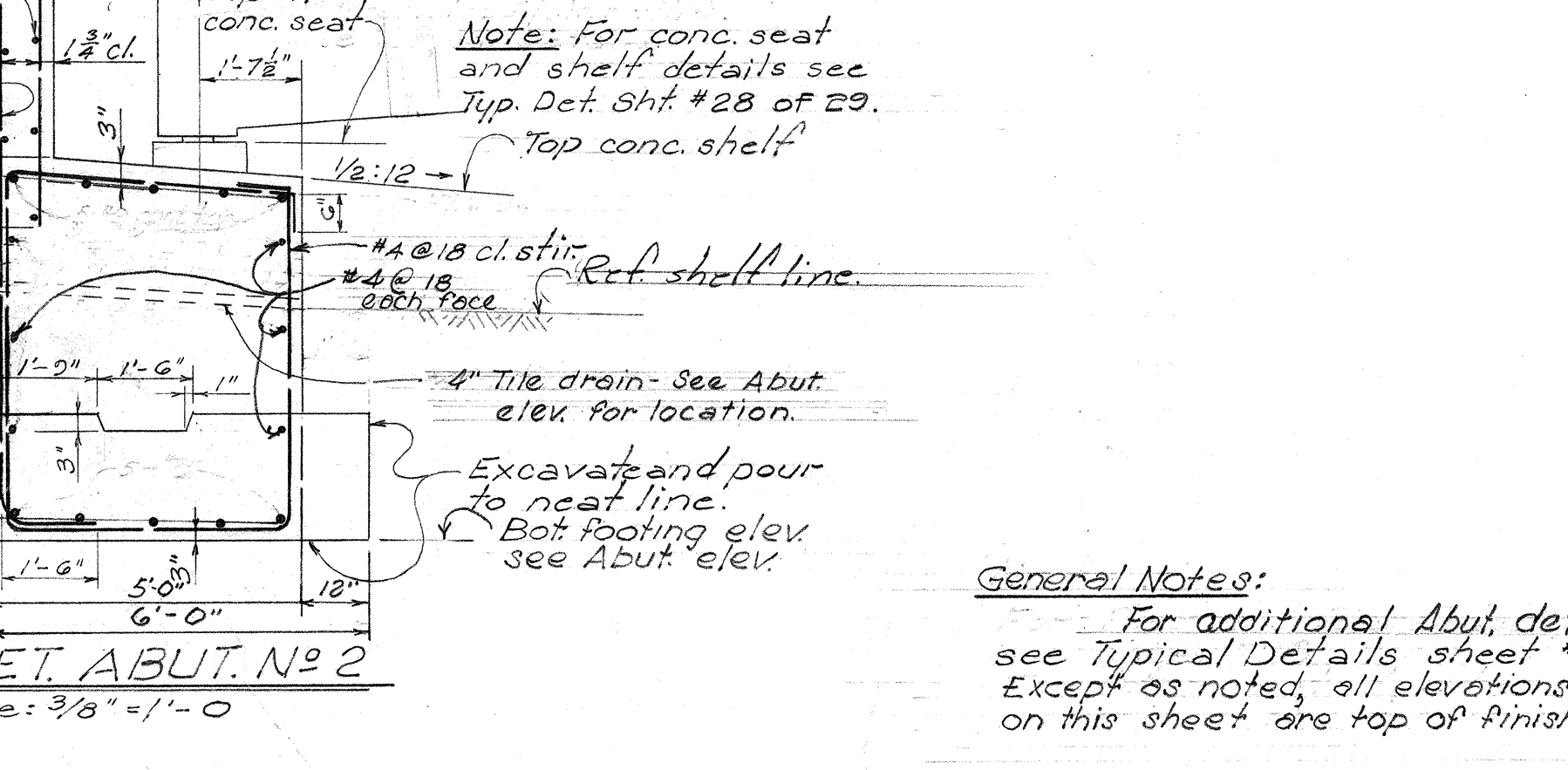
ELEVATION - ABUTMENT NO 2
Scale: 1/4"=1'-0"



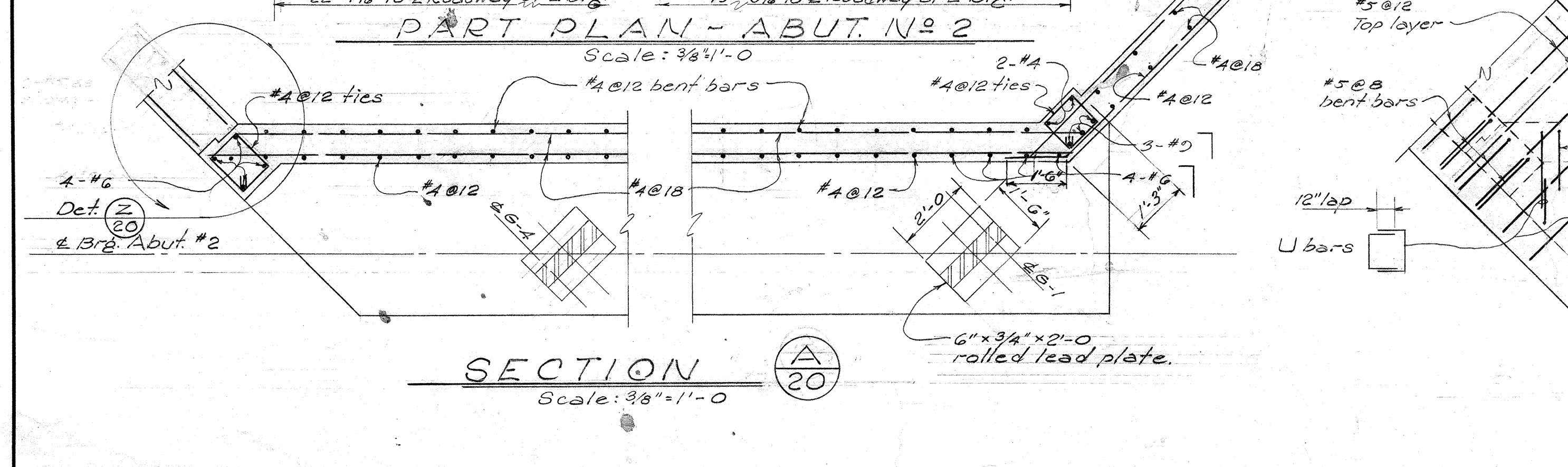
SECTION E
Scale: 1/4"=1'-0"



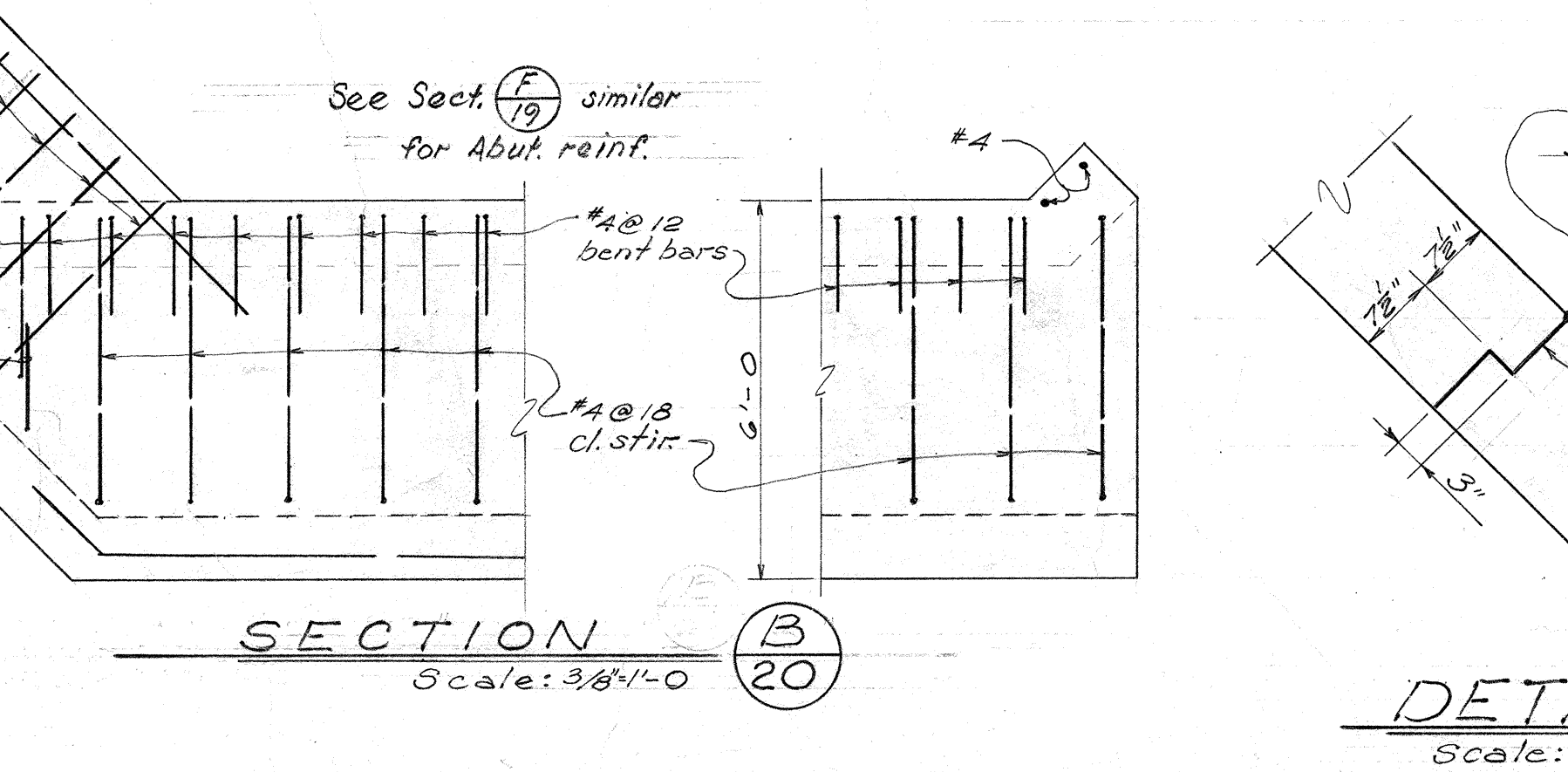
PART PLAN - ABUT. NO 2
Scale: 3/8"=1'-0"



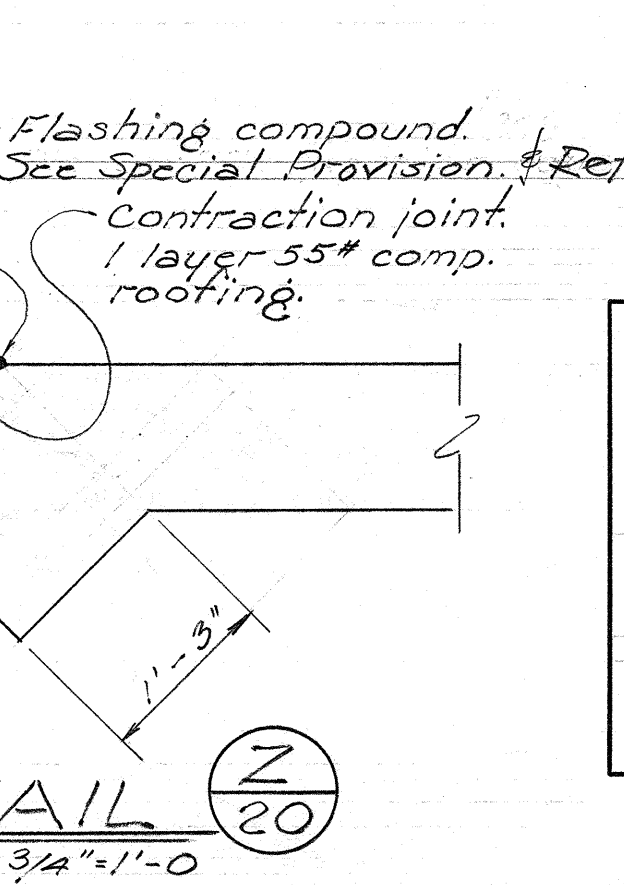
TYP. DET. ABUT. NO 2
Scale: 3/8"=1'-0"



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



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



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

General Notes:
For additional Abut. details see Typical Details sheet #28 of 29. Except as noted, all elevations indicated on this sheet are top of finish concrete.

HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII
BRIDGE #7A
STA. 129+64.34 - 130+23.66
PALI HWY. - OUTBOUND
PROJ. NO BF-061-1(5)
OCTOBER 1959

SHEET No. 20 OF 29 SHEETS

8148.49

DATE 10/15/59
DRAWN BY T. J. J. J.
CHECKED BY M. J. J. J.
NOTE BOOK NO. 1