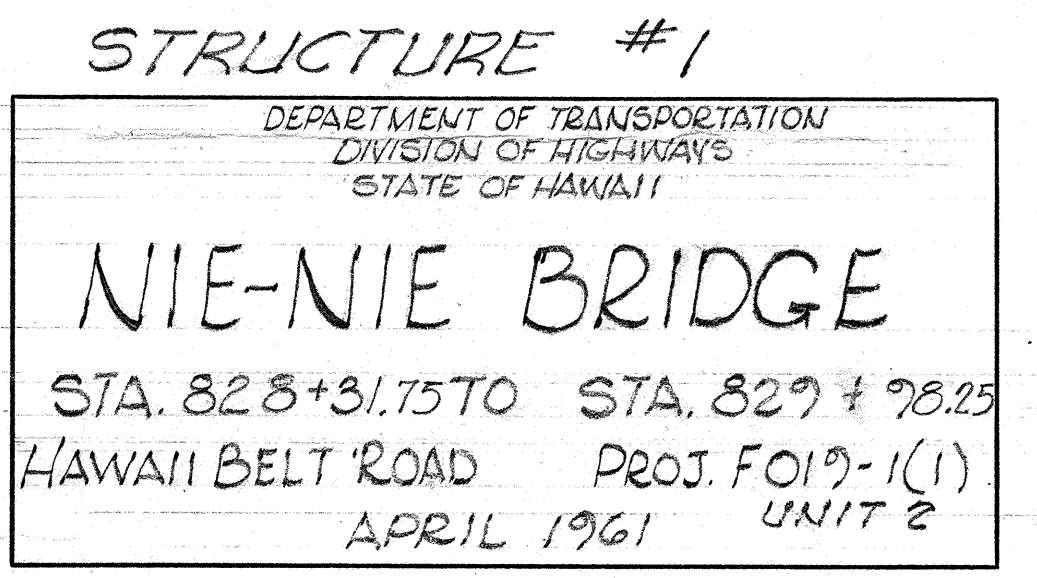
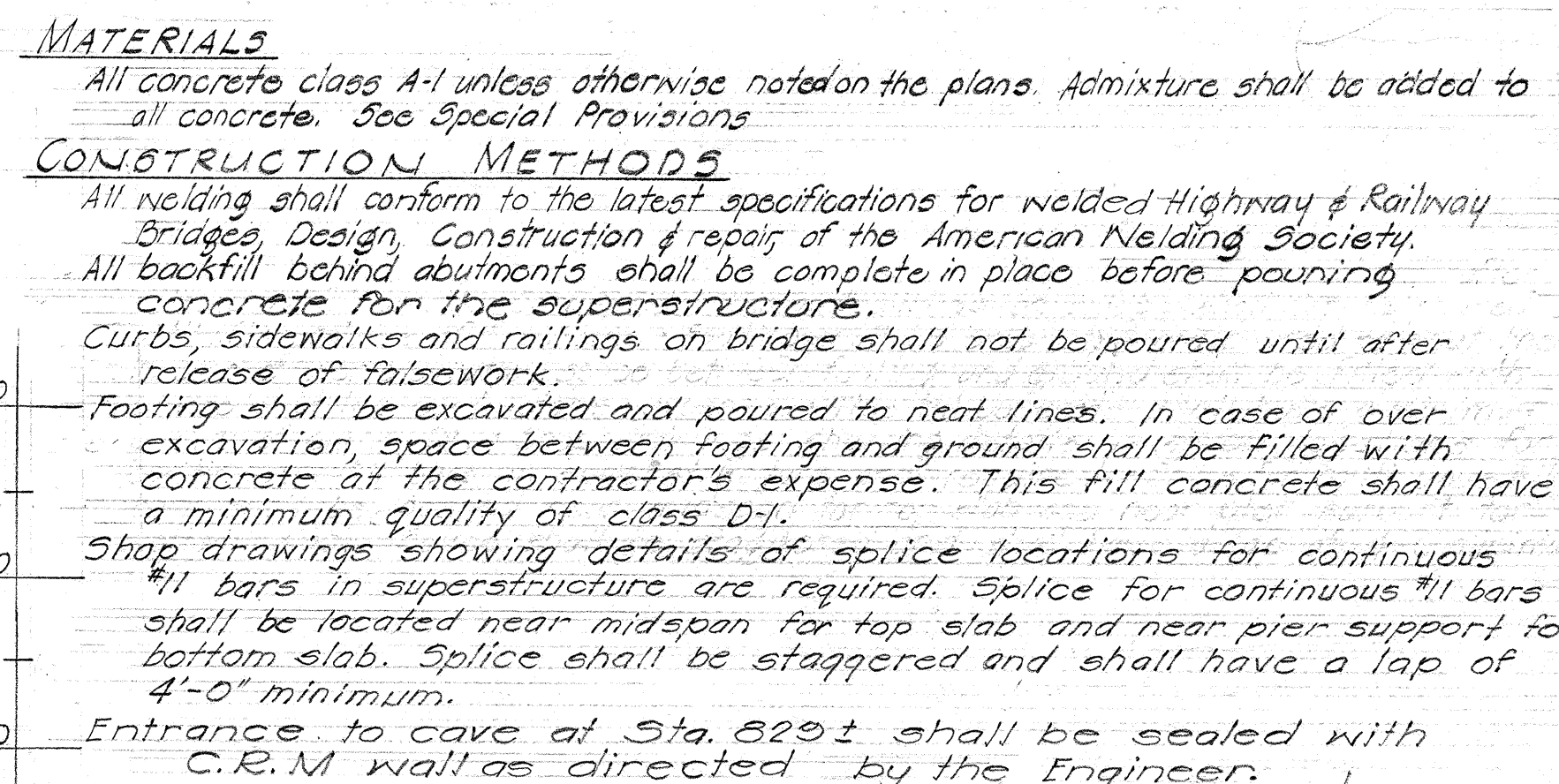
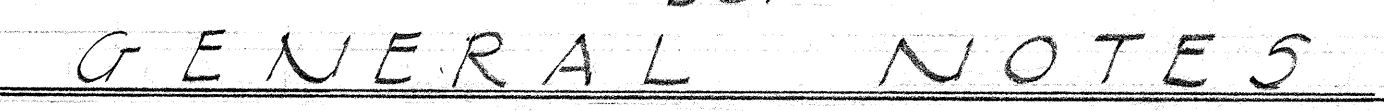
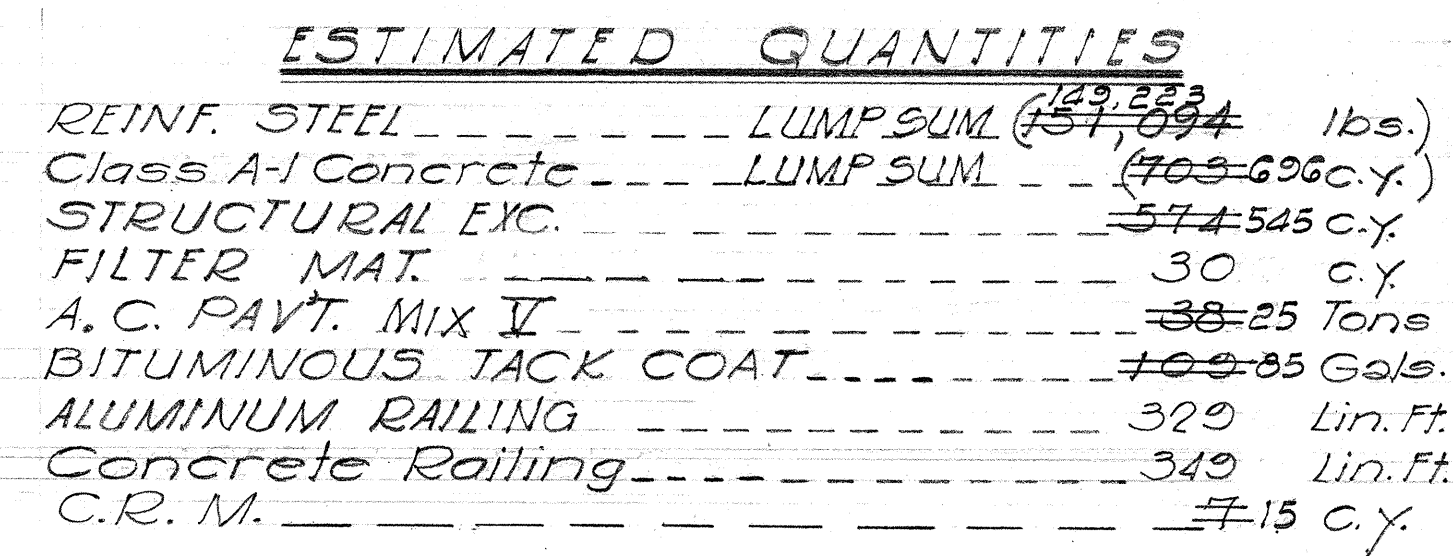
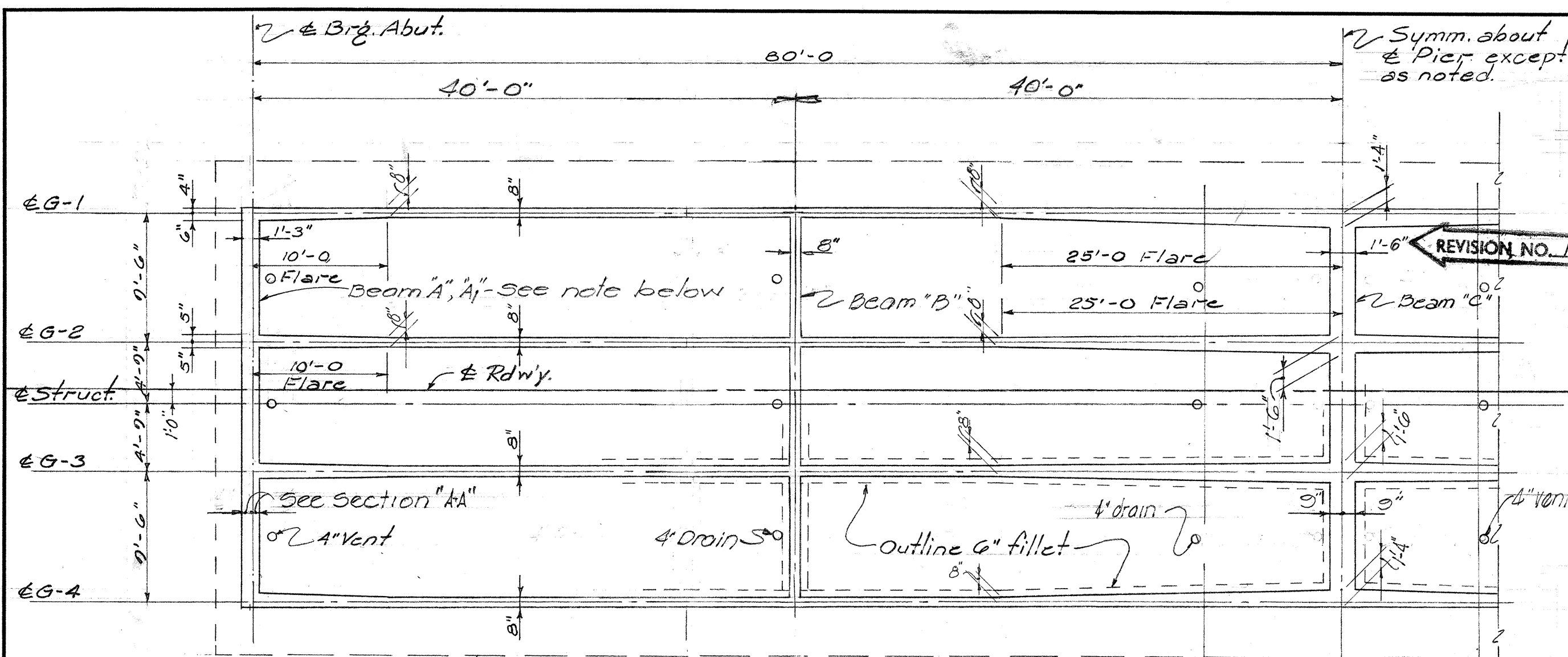




Rev. #1 - 6-26-62 Change Bm.
"C" dimensions.

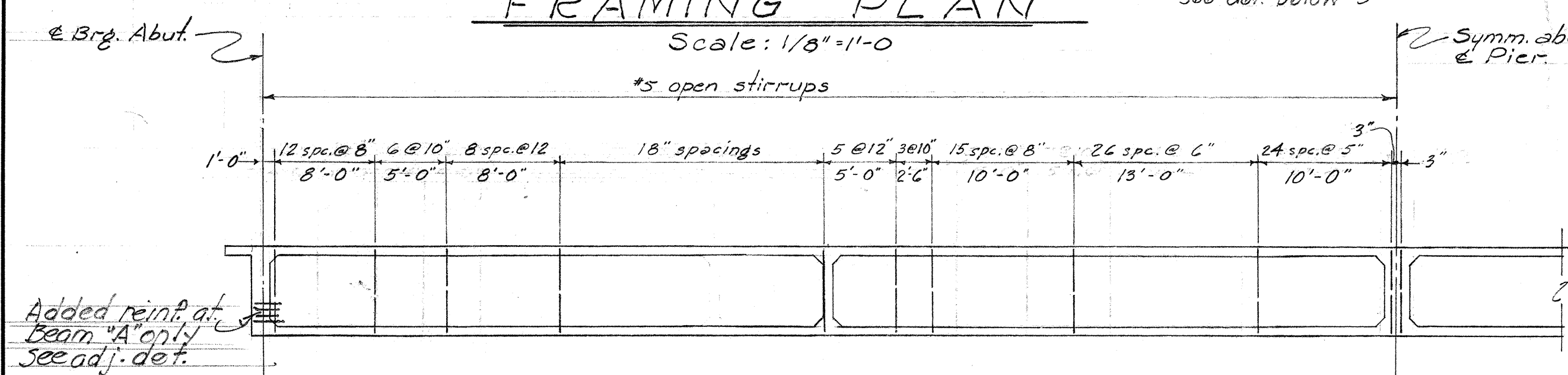
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	FOI 9-1(1)	1961	25	127



FRAMING PLAN

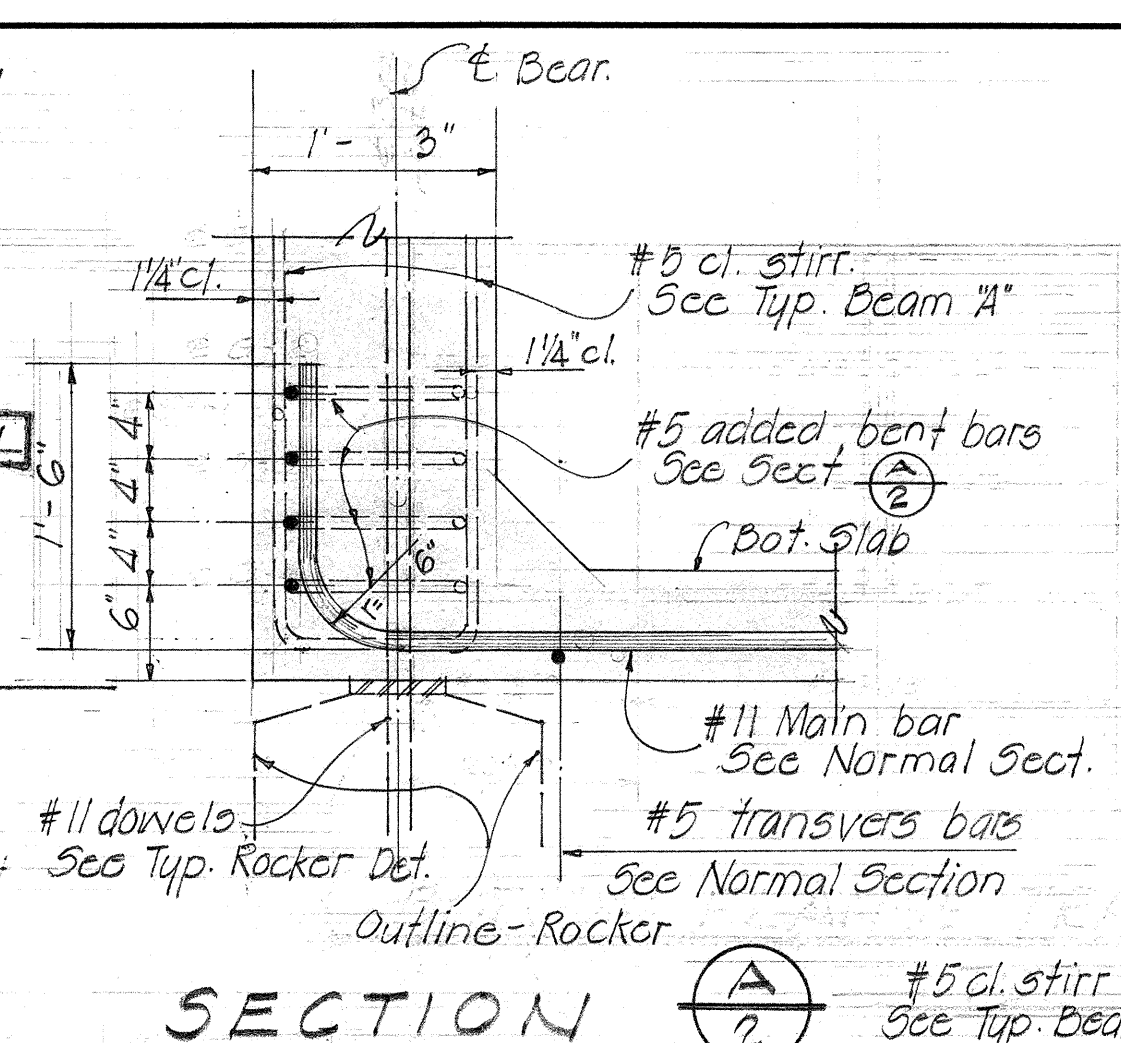
Scale: 1/8"=1'-0"

Note: Beam "A" at Abut. #1
Beam "A" at Abut. #2.

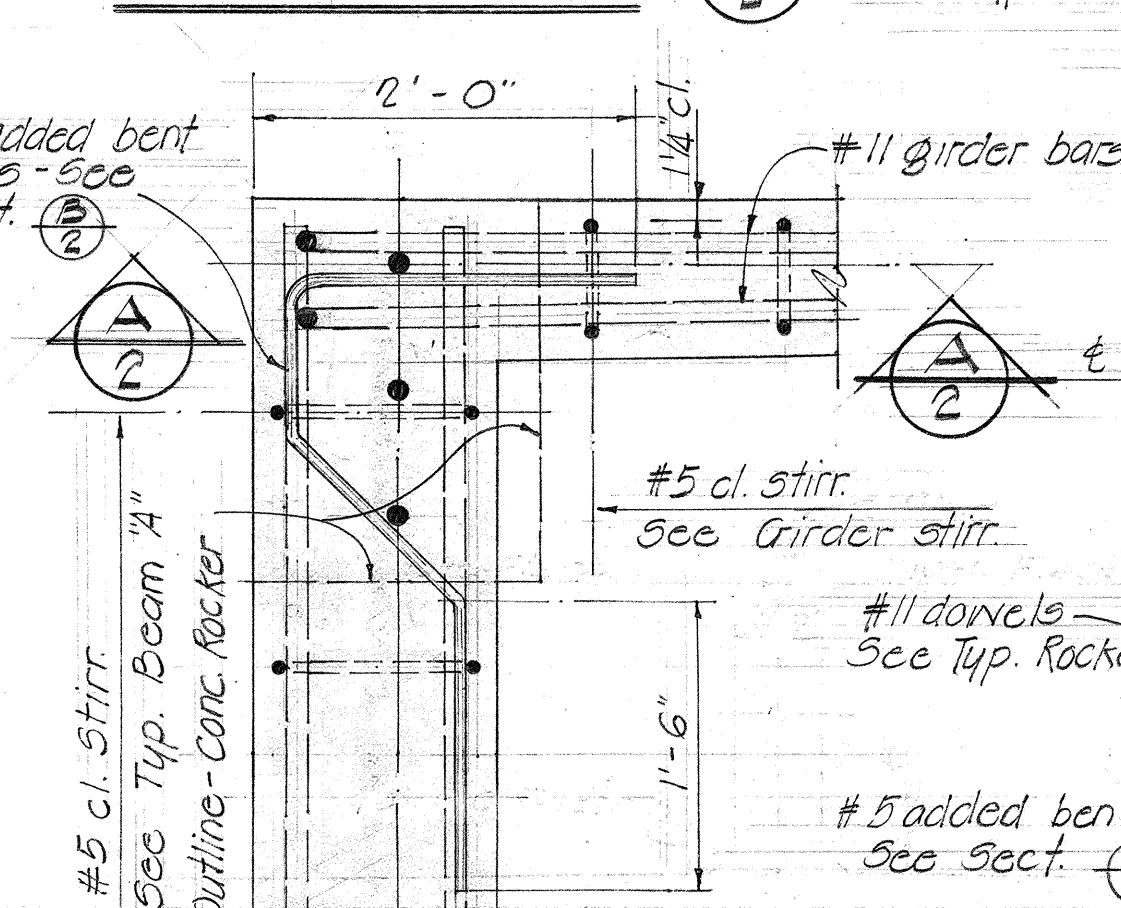


GIRDER STIRRUP SPACING

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



SECTION A-A-BEAM "A"



SECTION B-B-BEAM "B"

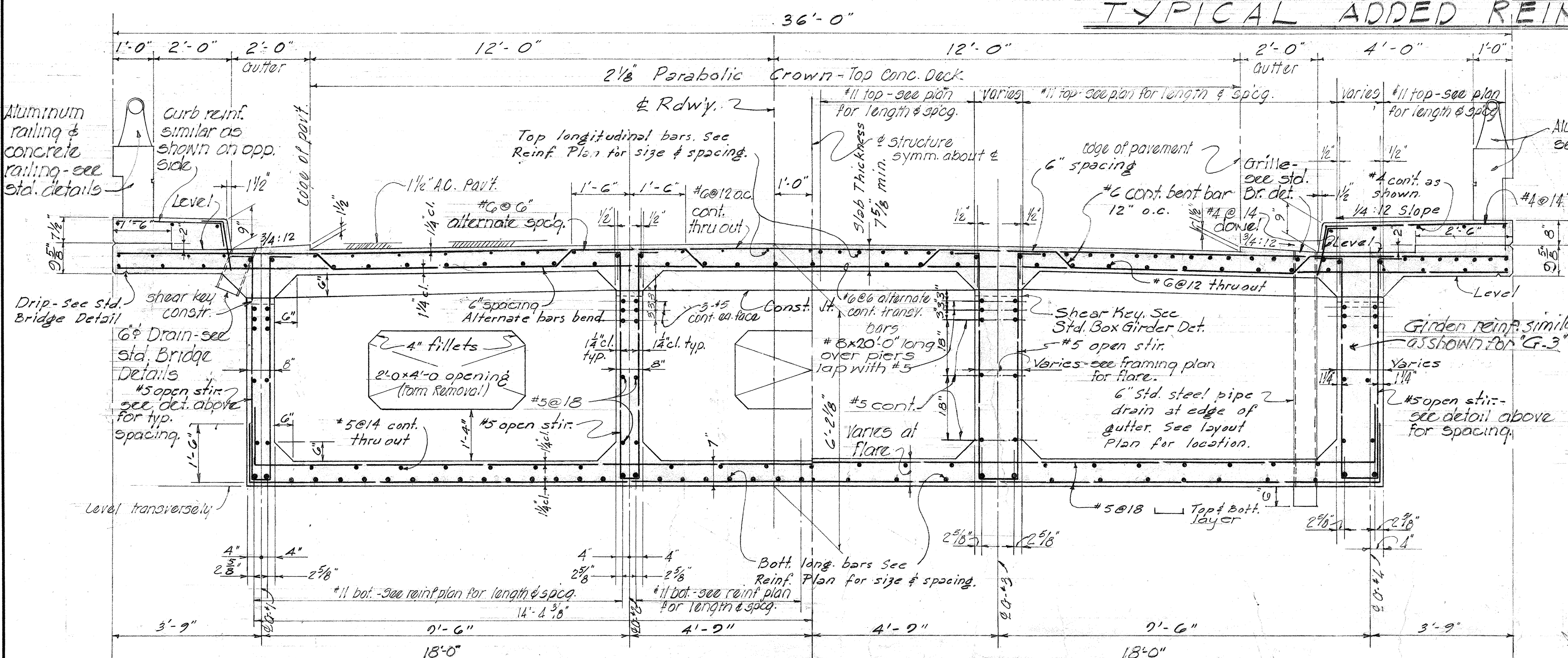
SHOWING REINFC @ G-1 & G-4

TYPICAL ADDED REINFC BEAM "A"

SECTION B-B-BEAM "B"

SHOWING REINFC @ G-2 & G-3

TYPICAL ADDED REINFC BEAM "A"

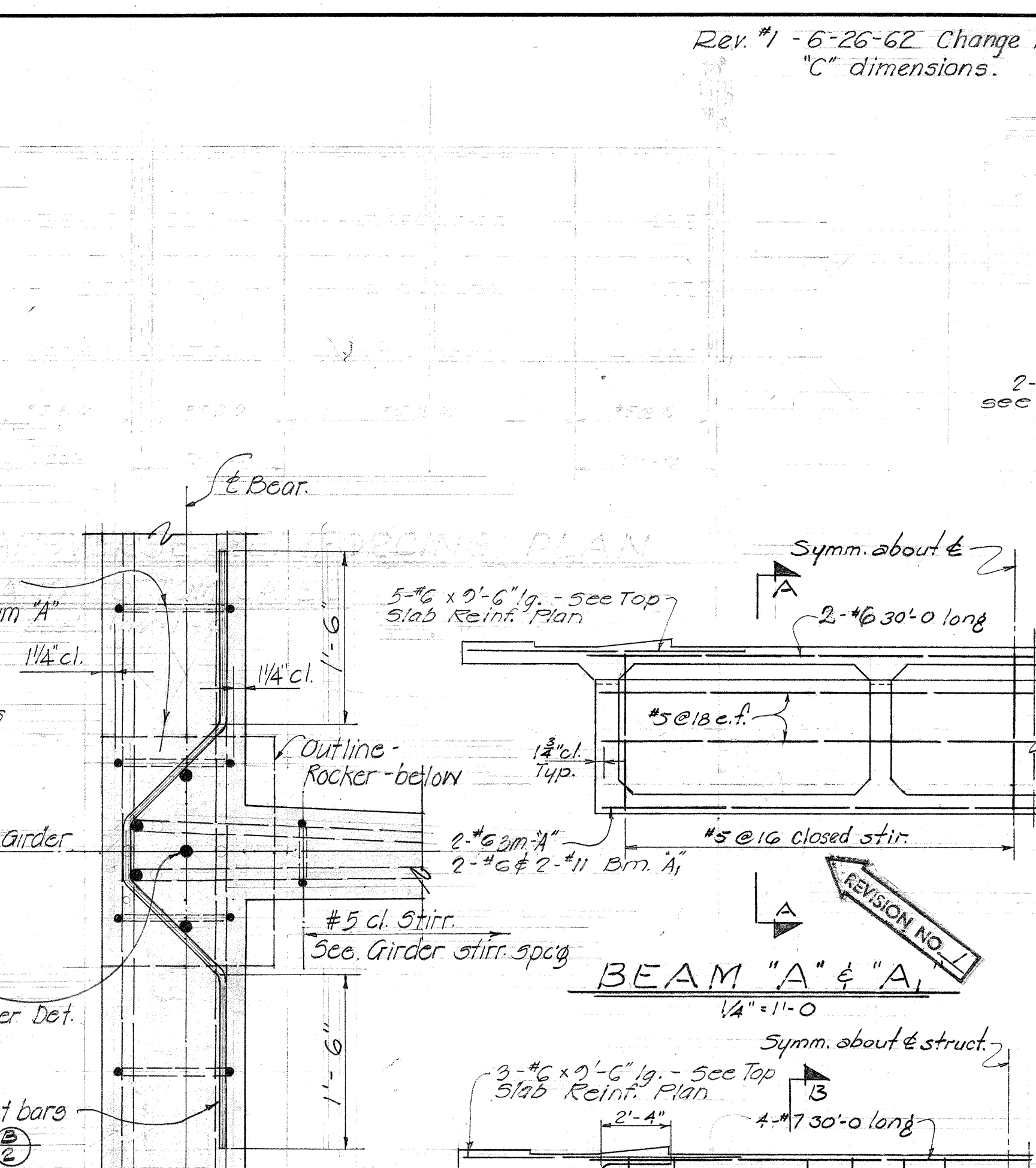


SECTION NEAR MIDSPAN

SECTION NEAR PIER

NORMAL SECTION

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

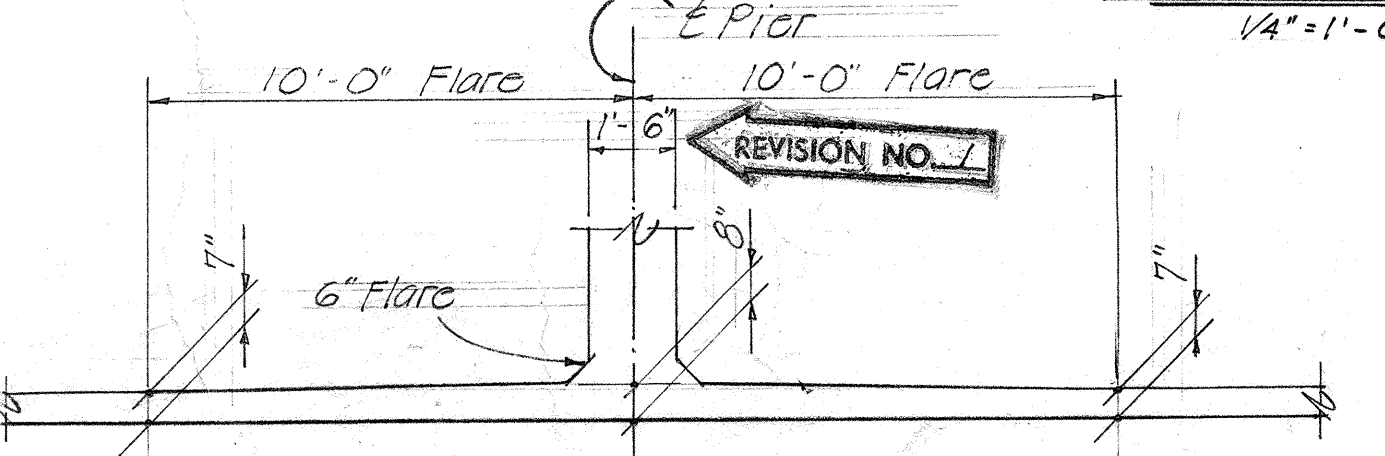


BEAM "A" & "A"

BEAM "B"

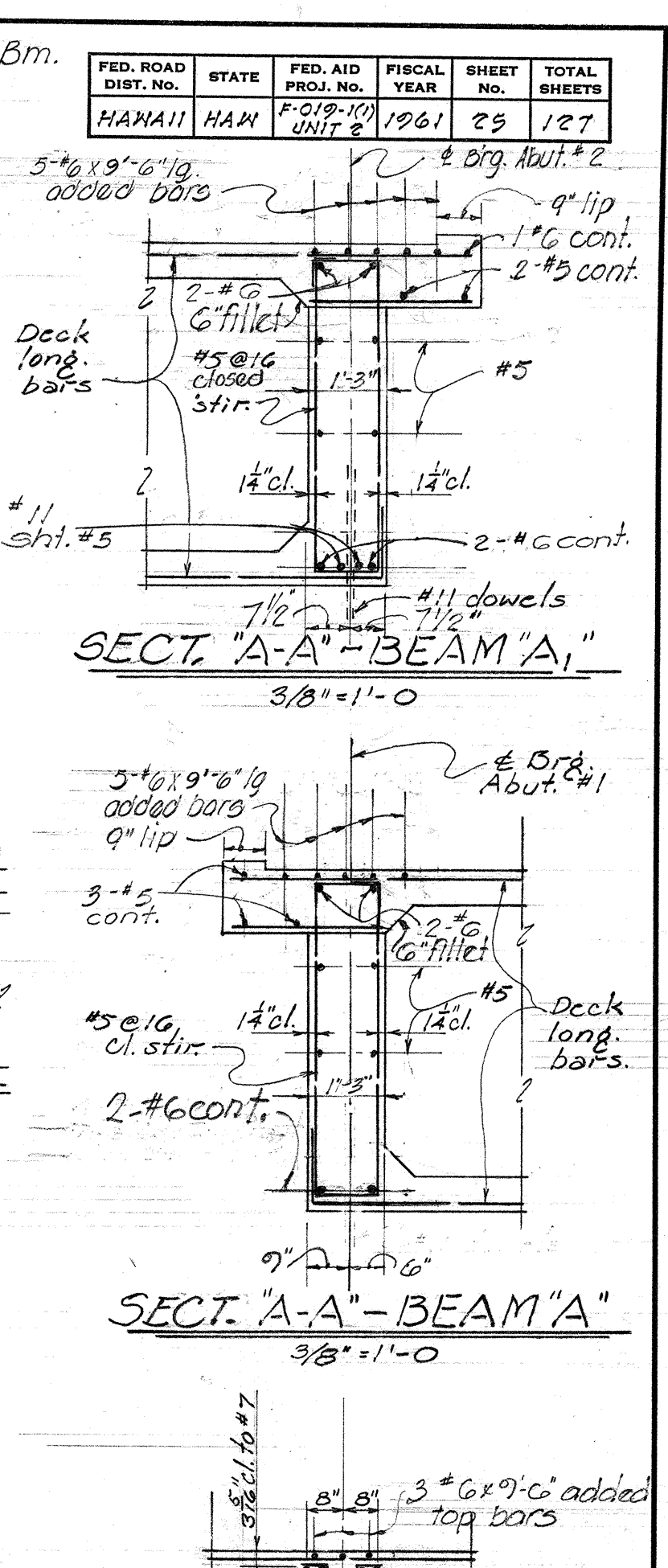
BEAM "C"

Note: For additional details see: Std. Box Girder details, Sht. #45
Std. Bridge details, Sht. #43
Aluminum Railing, Sht. #44



DETAIL-BOTTOM FLANGE FLARE AT PIER

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



SECTION "A-A"-BEAM "A"

SECTION "A-A"-BEAM "A"

SECTION "B-B"

SECTION "C-C"

STRUCTURE #1

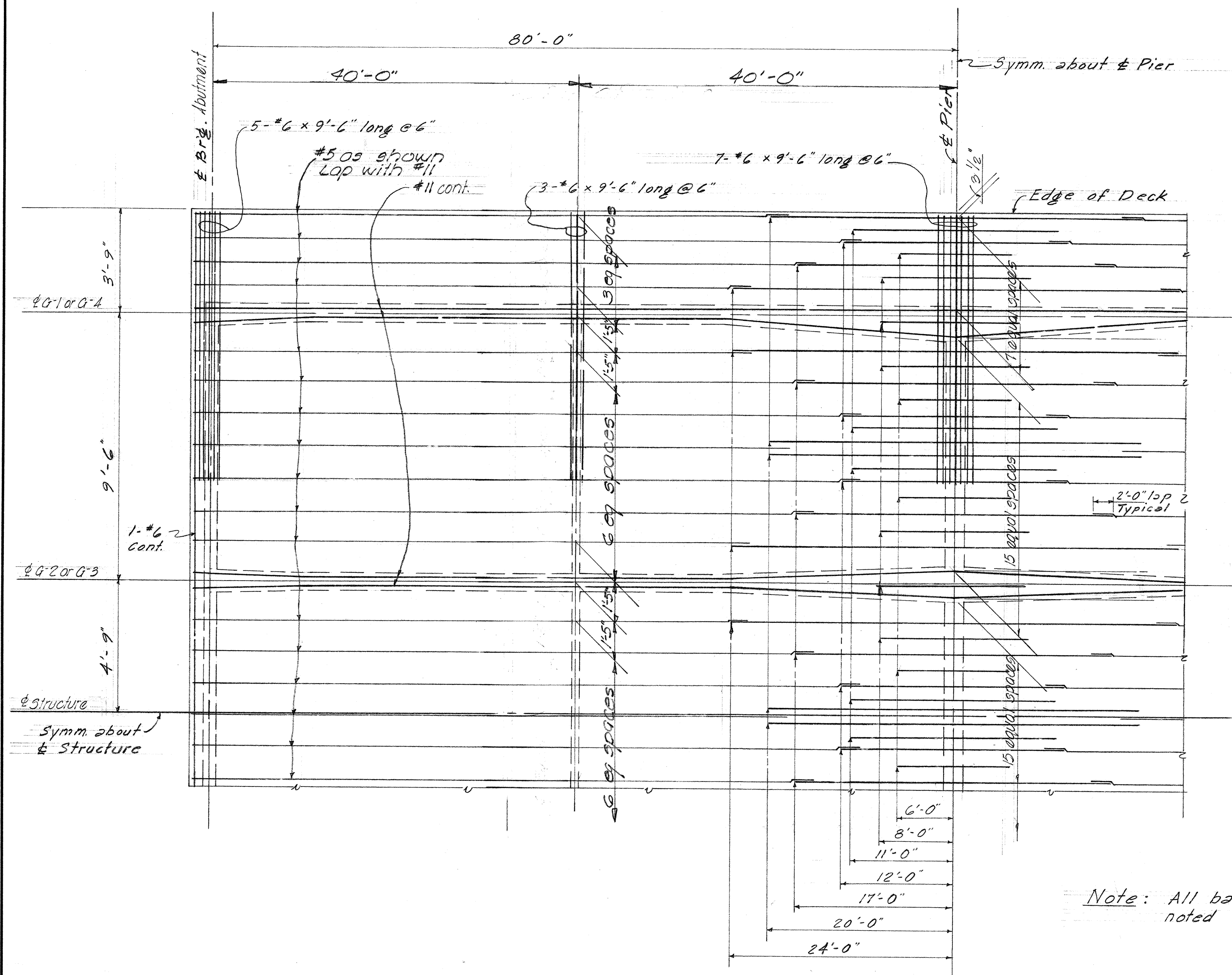
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY
STATE OF HAWAII

NIE-NIE BRIDGE

STA. 828+31.75 TO STA. 829+98.25
HAWAII BELT ROAD PROJ. FOI 9-1(1)
APRIL 1961 UNIT 2

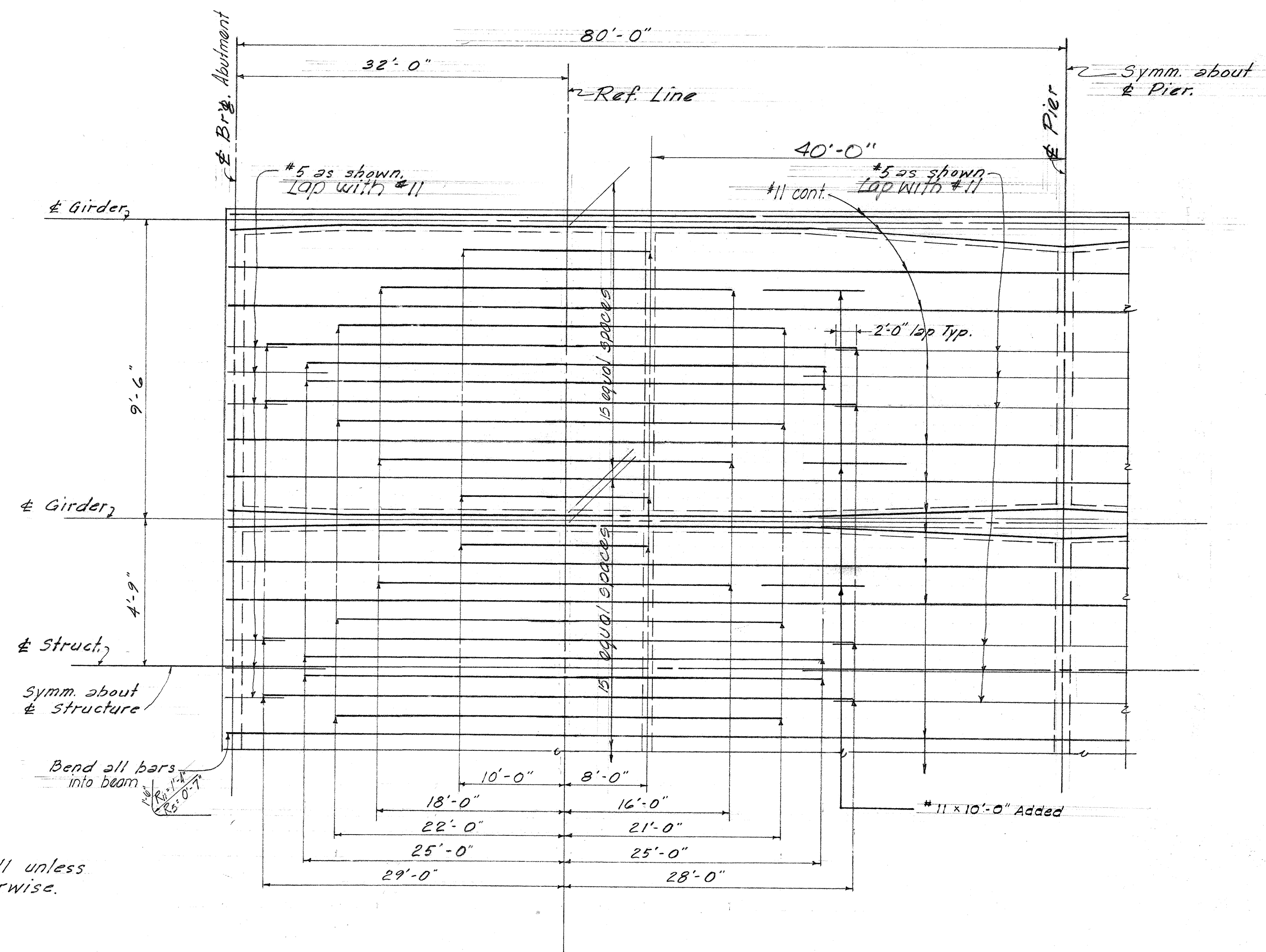
SHEET NO. 2 OF 6 SHEETS

DATE	DESIGNED BY	CHECKED BY
PLANNED BY	TRACED BY	QUANTITIES BY
ORIGINAL PLAN	NOTE BOOK	CHECKED BY
NO.		



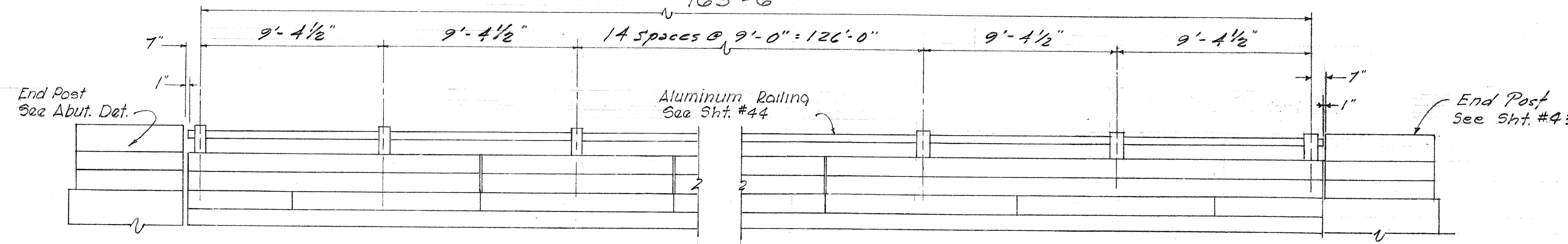
PLAN ~ TOP SLAB TOP LAYER REINFORCEMENT

Scale: Vert. $\frac{3}{8}$ " = 1'-0" Horizontal $\frac{1}{8}$ " = 1'-0"



PLAN ~ BOTTOM SLAB BOTTOM LAYER REINFORCEMENT

Scale: Vert. $\frac{3}{8}$ " = 1'-0" Horizontal $\frac{1}{8}$ " = 1'-0"



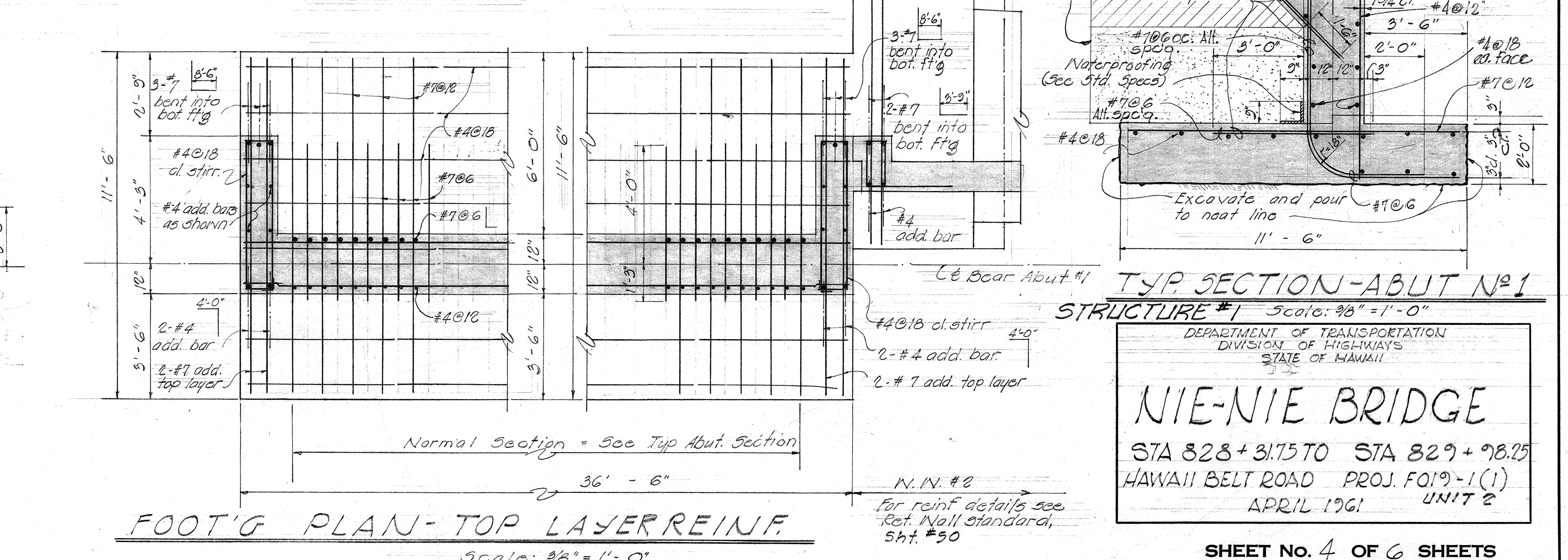
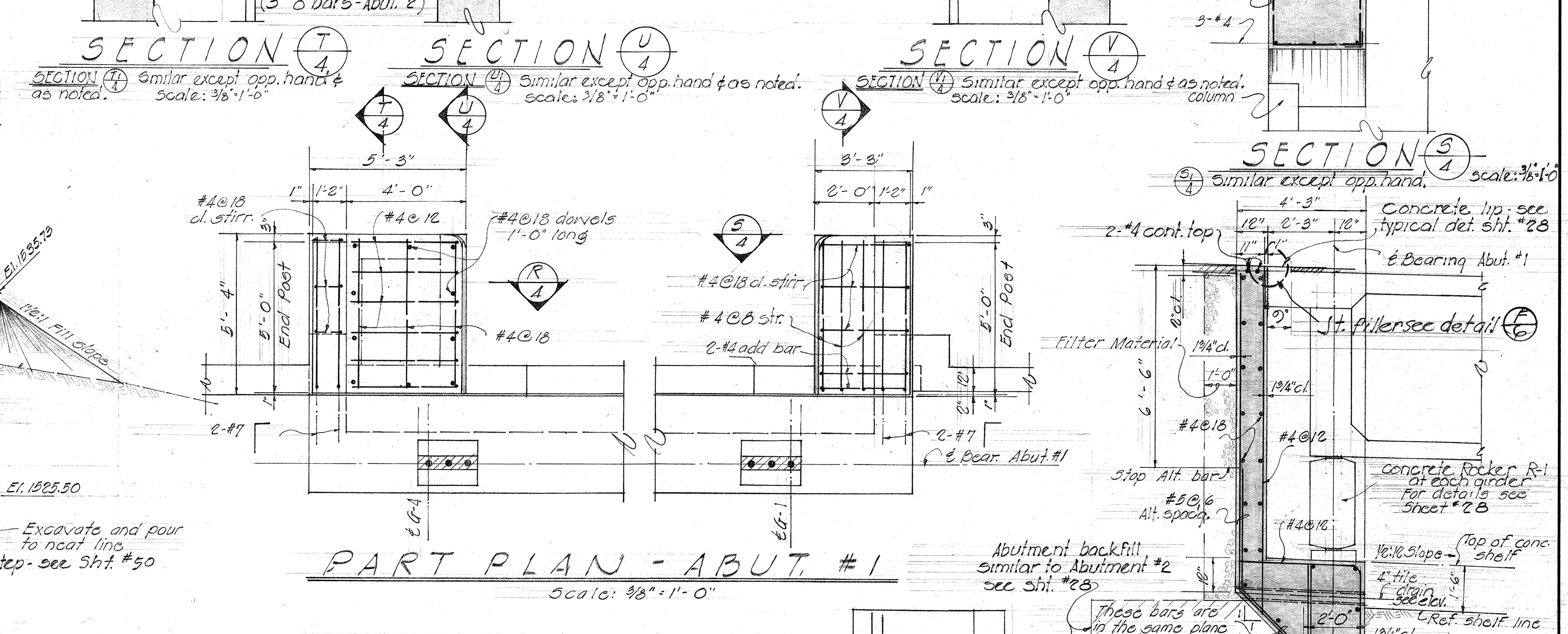
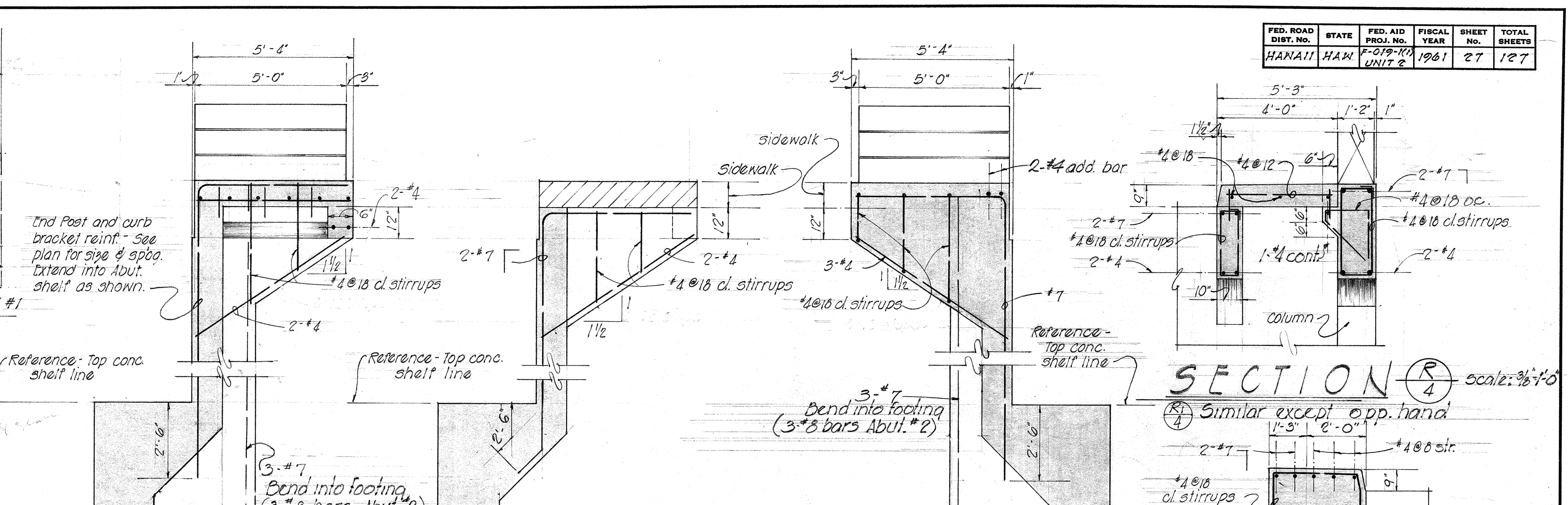
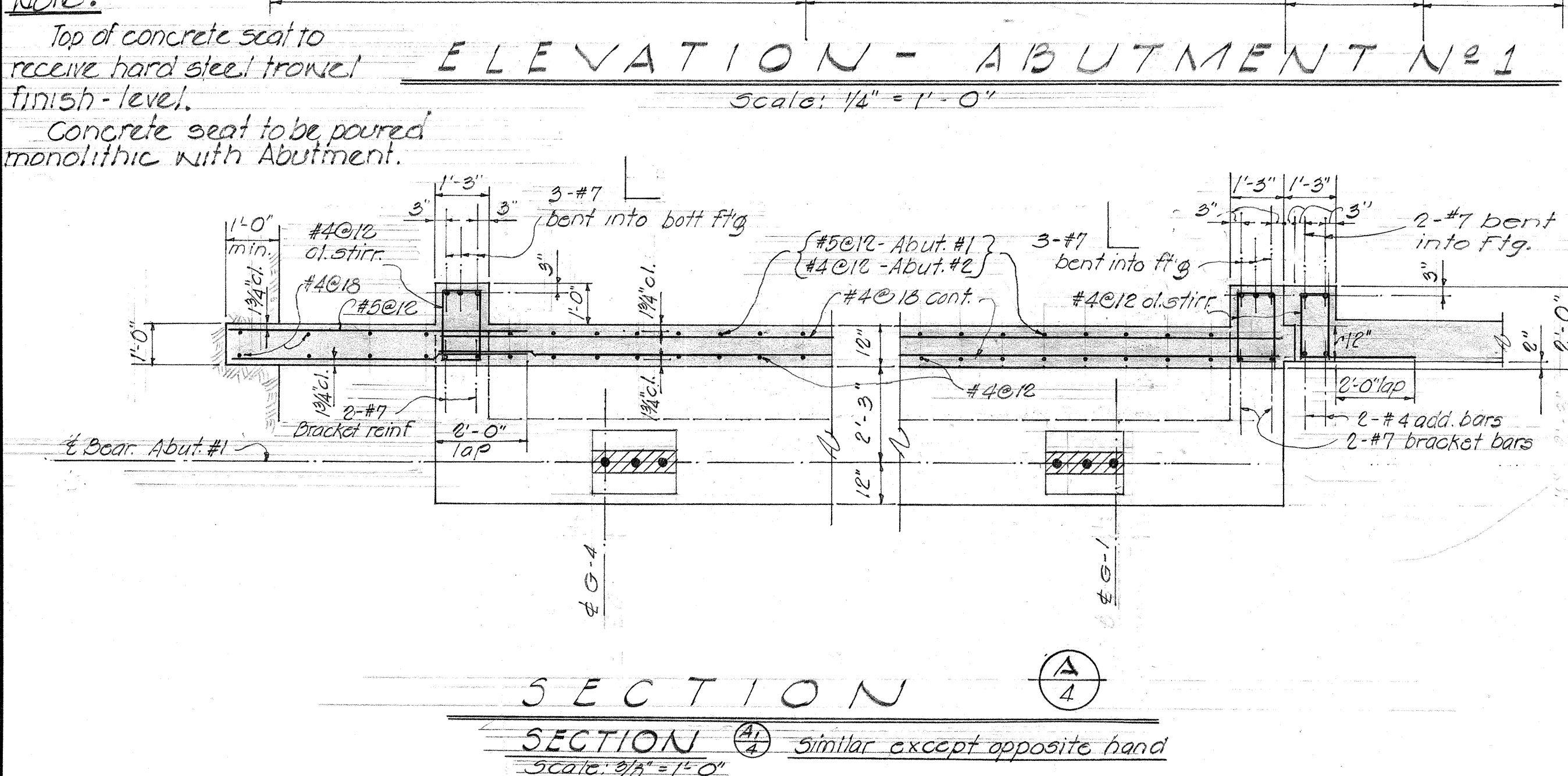
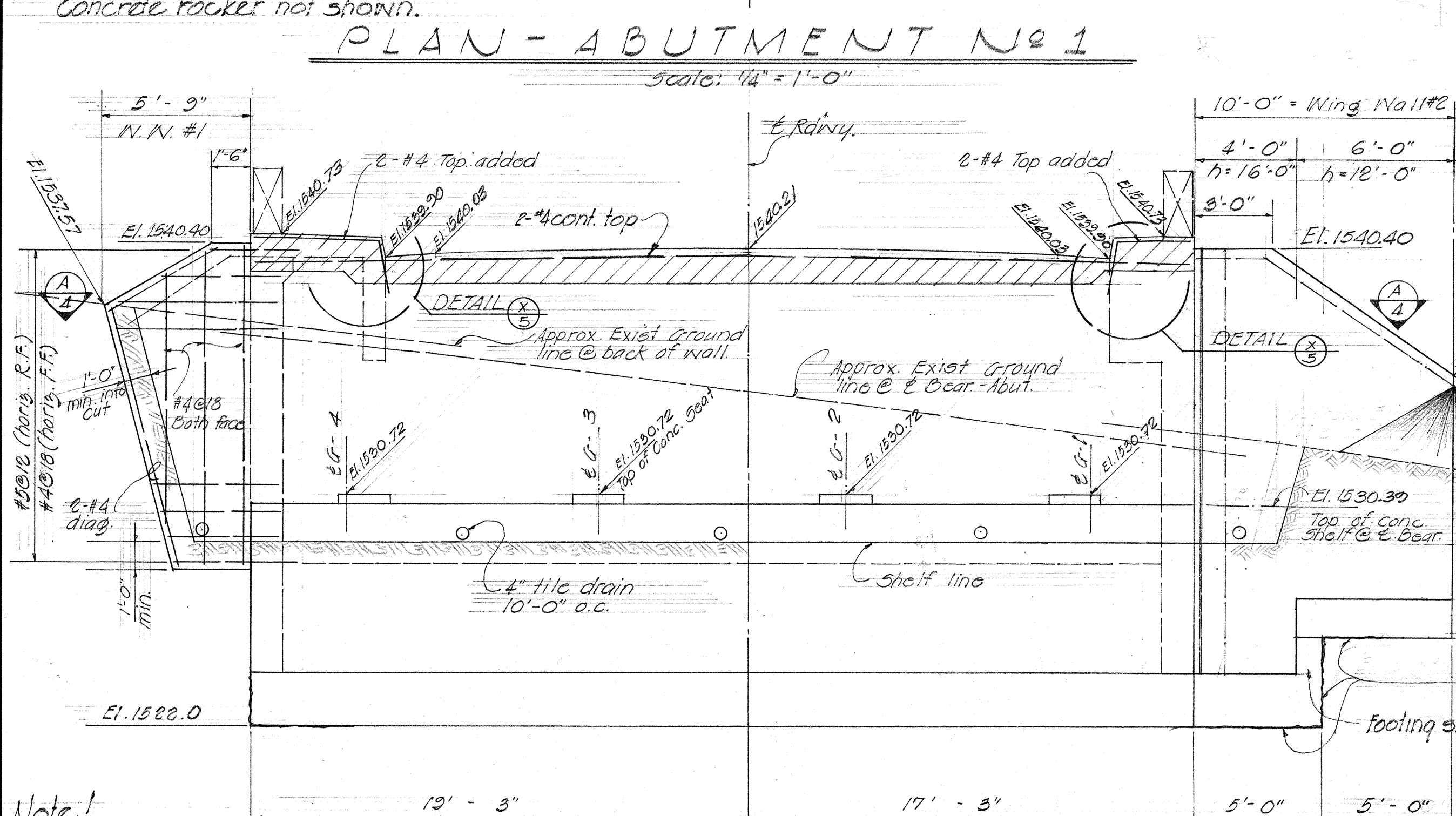
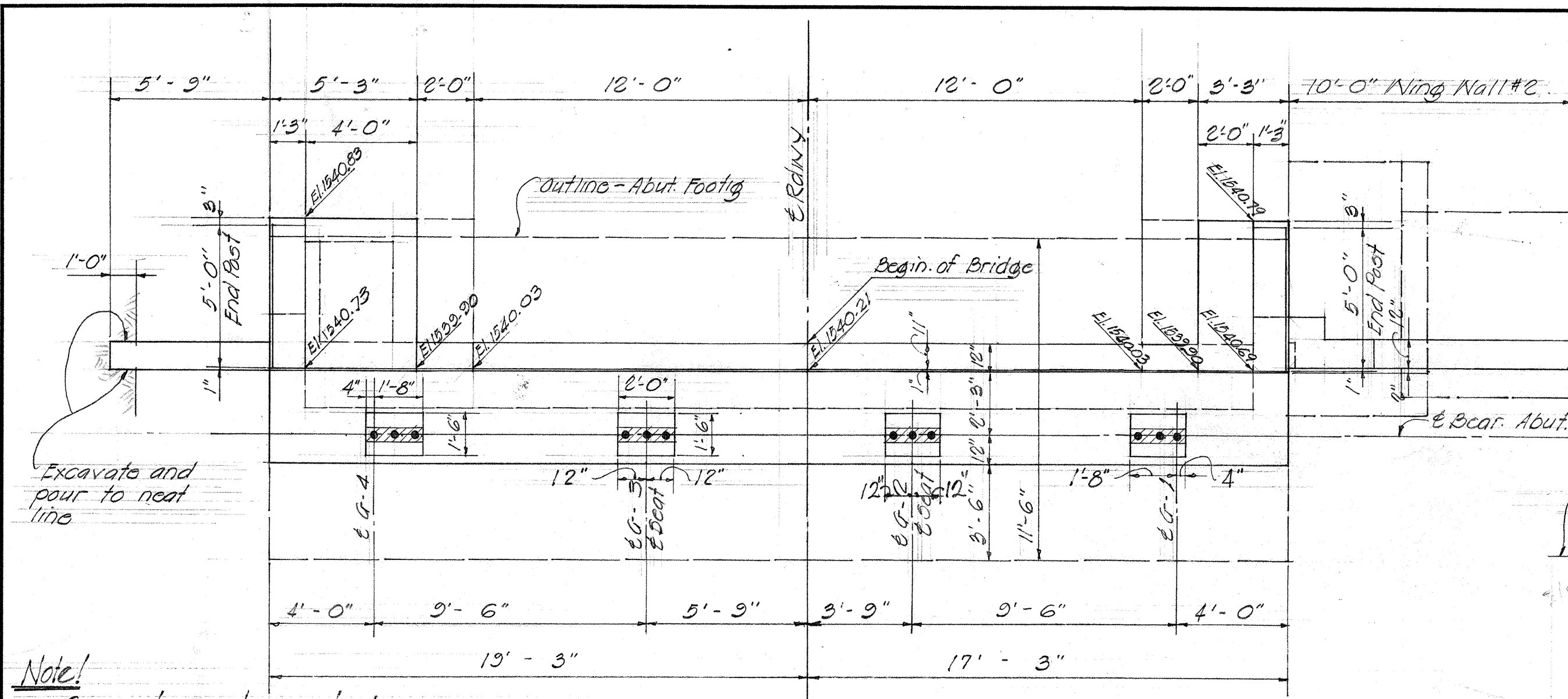
LEFT AND RIGHT RAIL SPACING

Scale: $\frac{1}{4}$ " = 1'-0"

STRUCTURE #1
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 STATE OF HAWAII

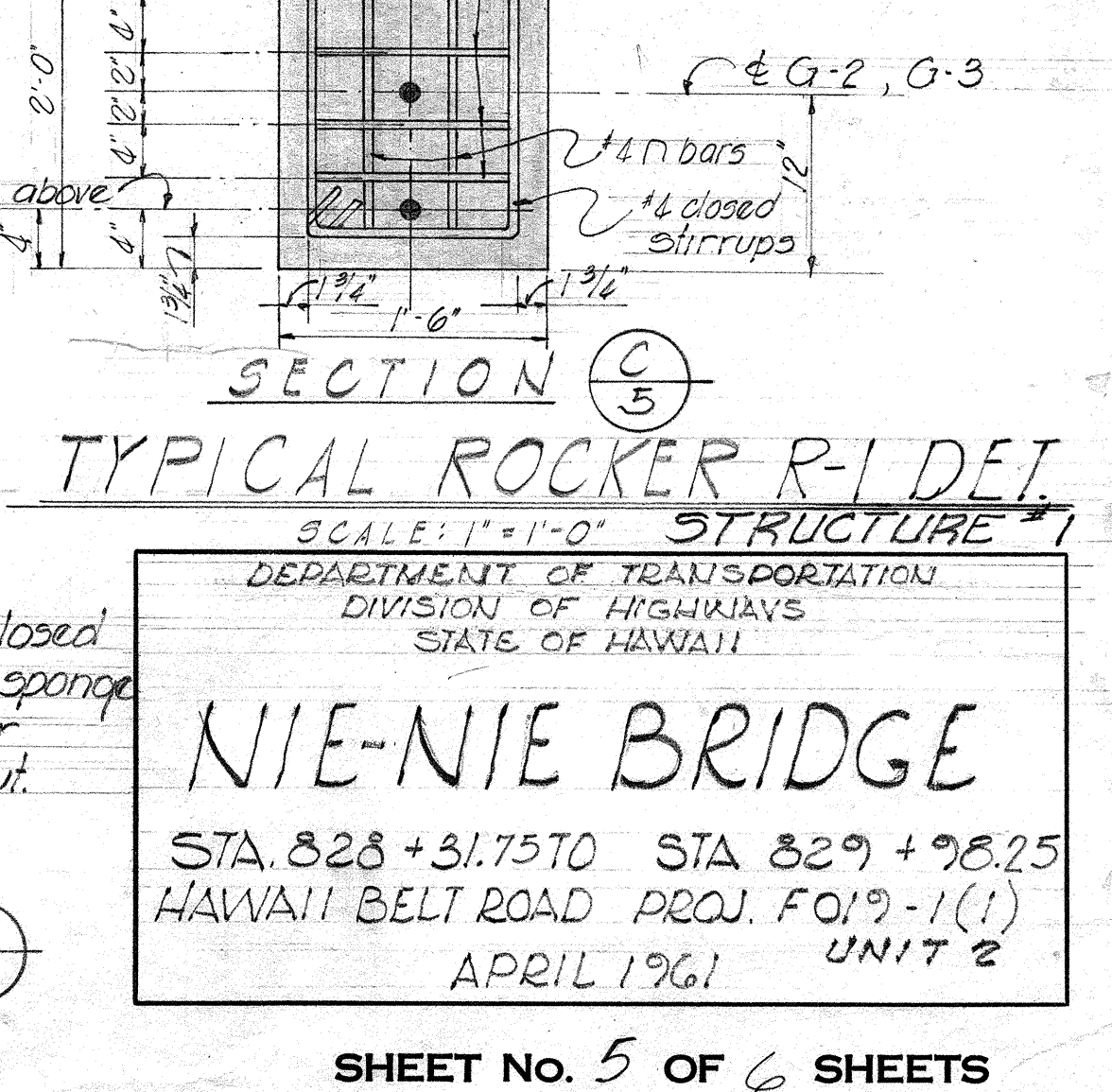
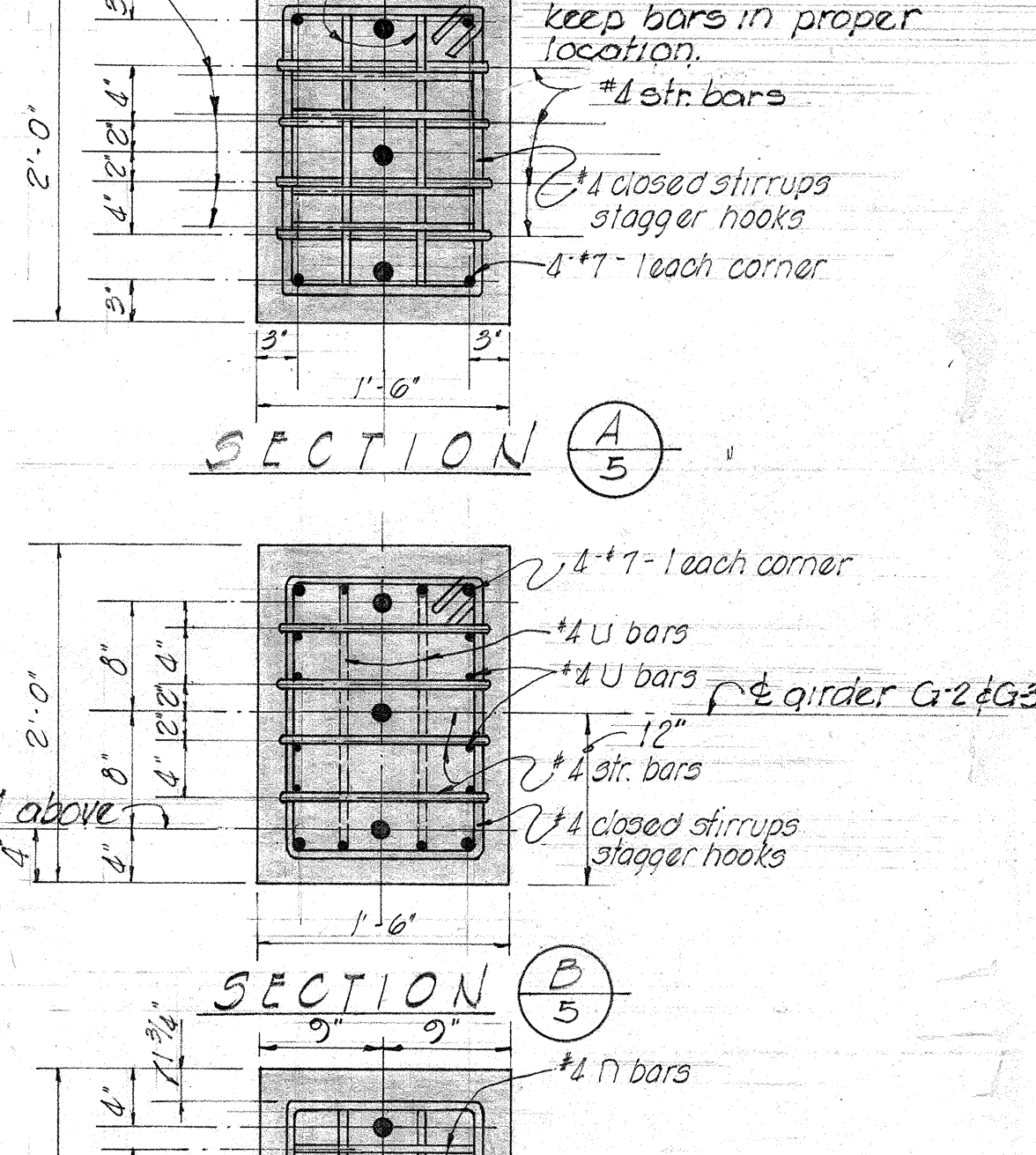
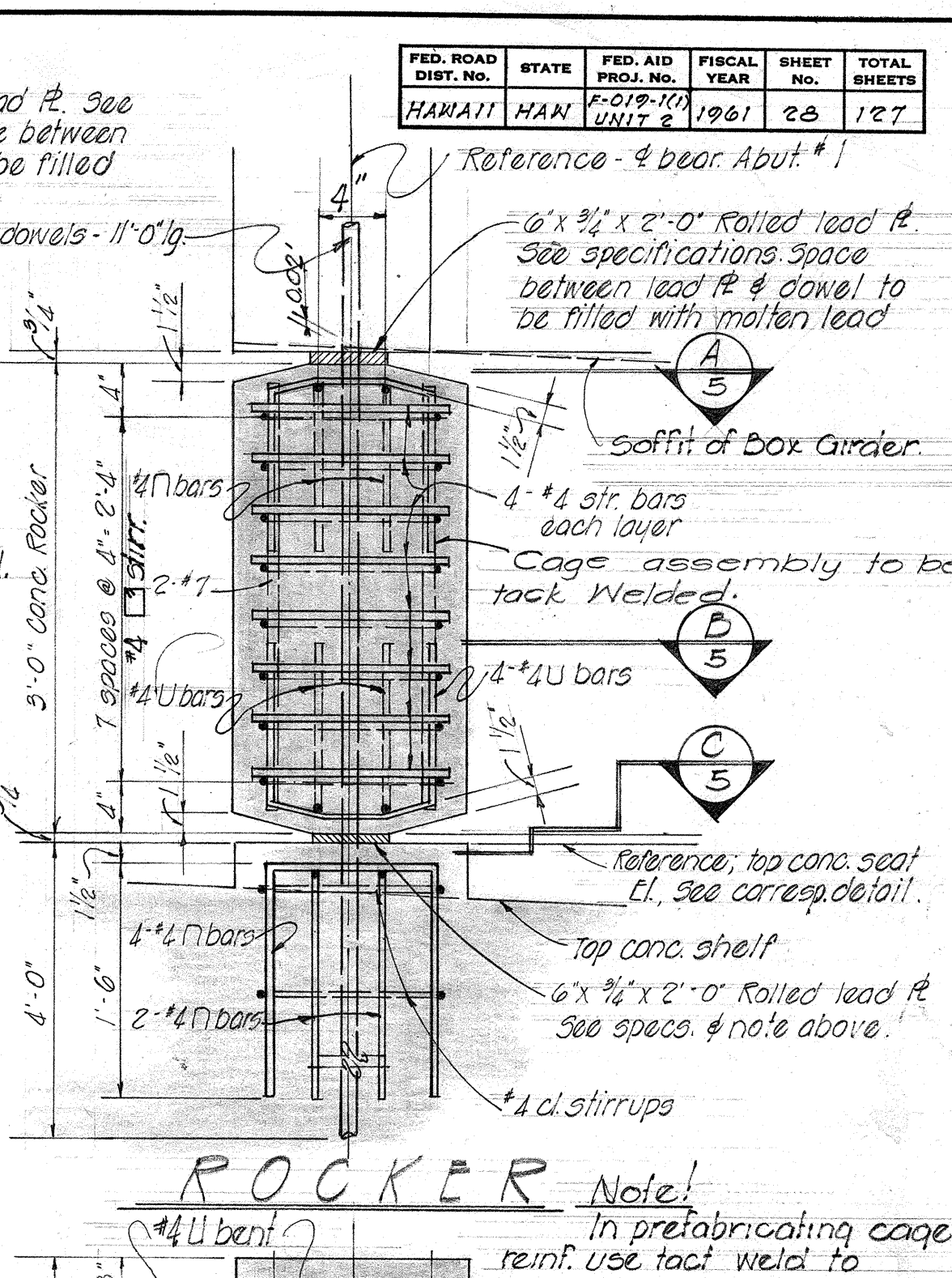
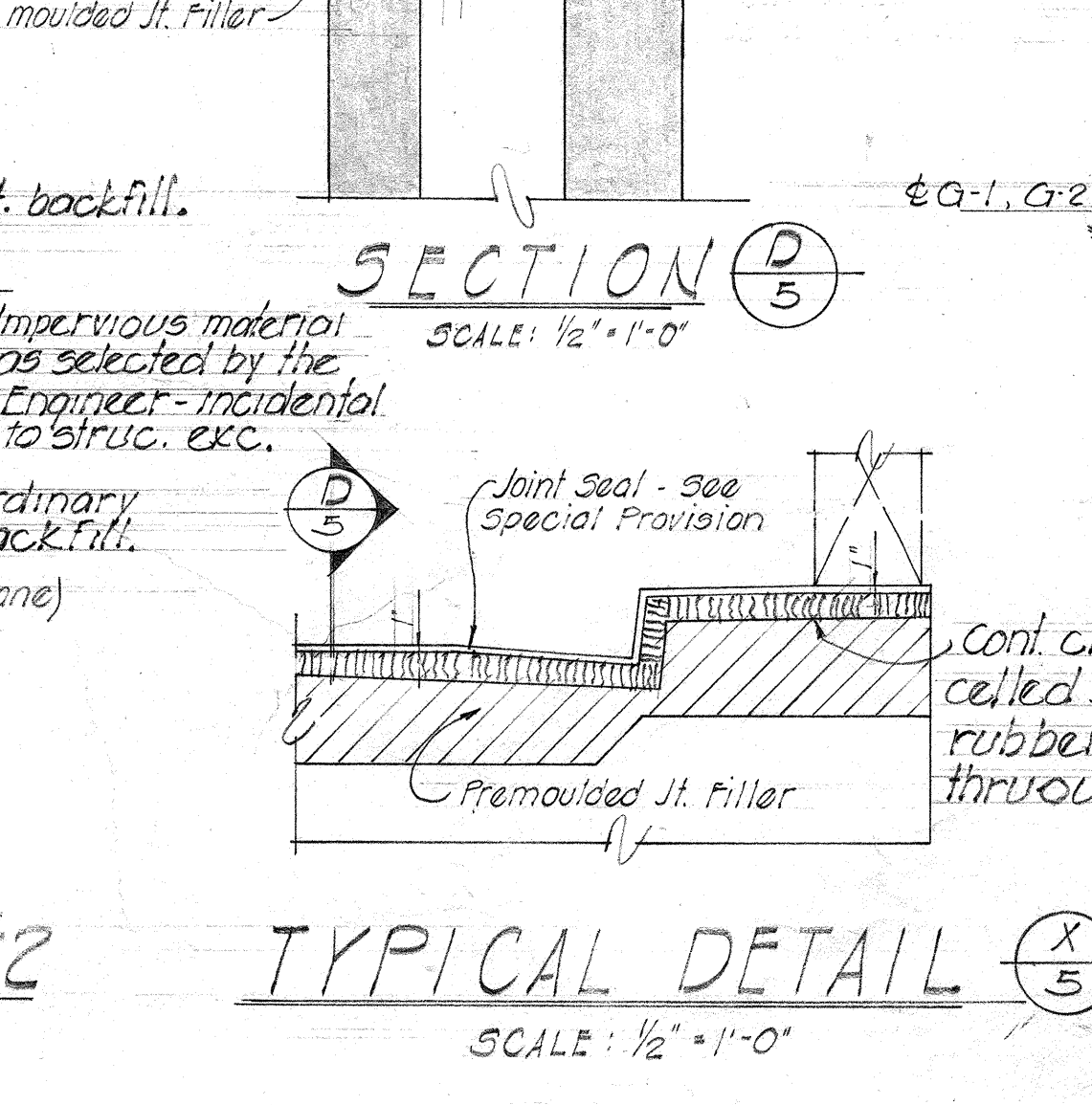
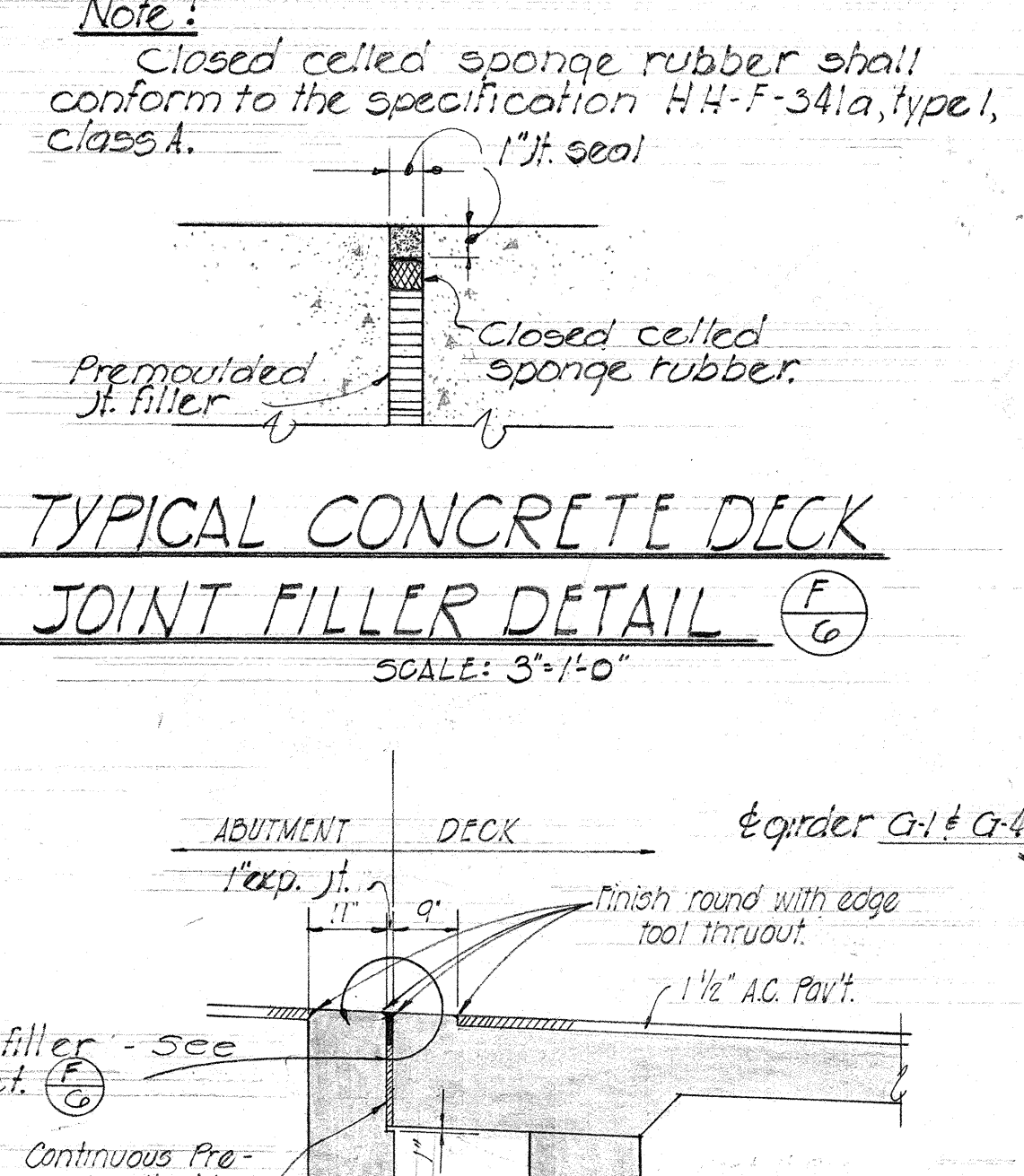
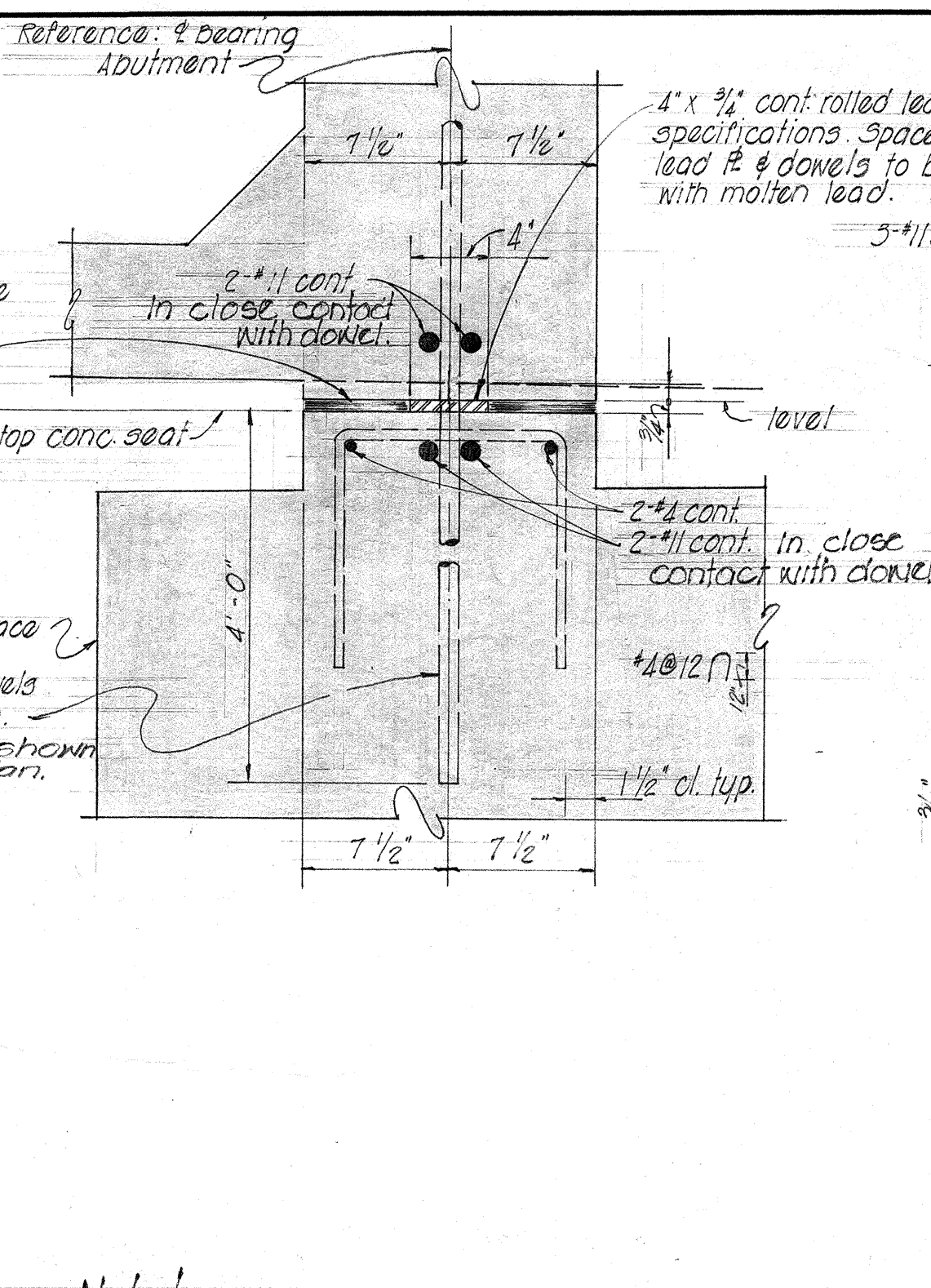
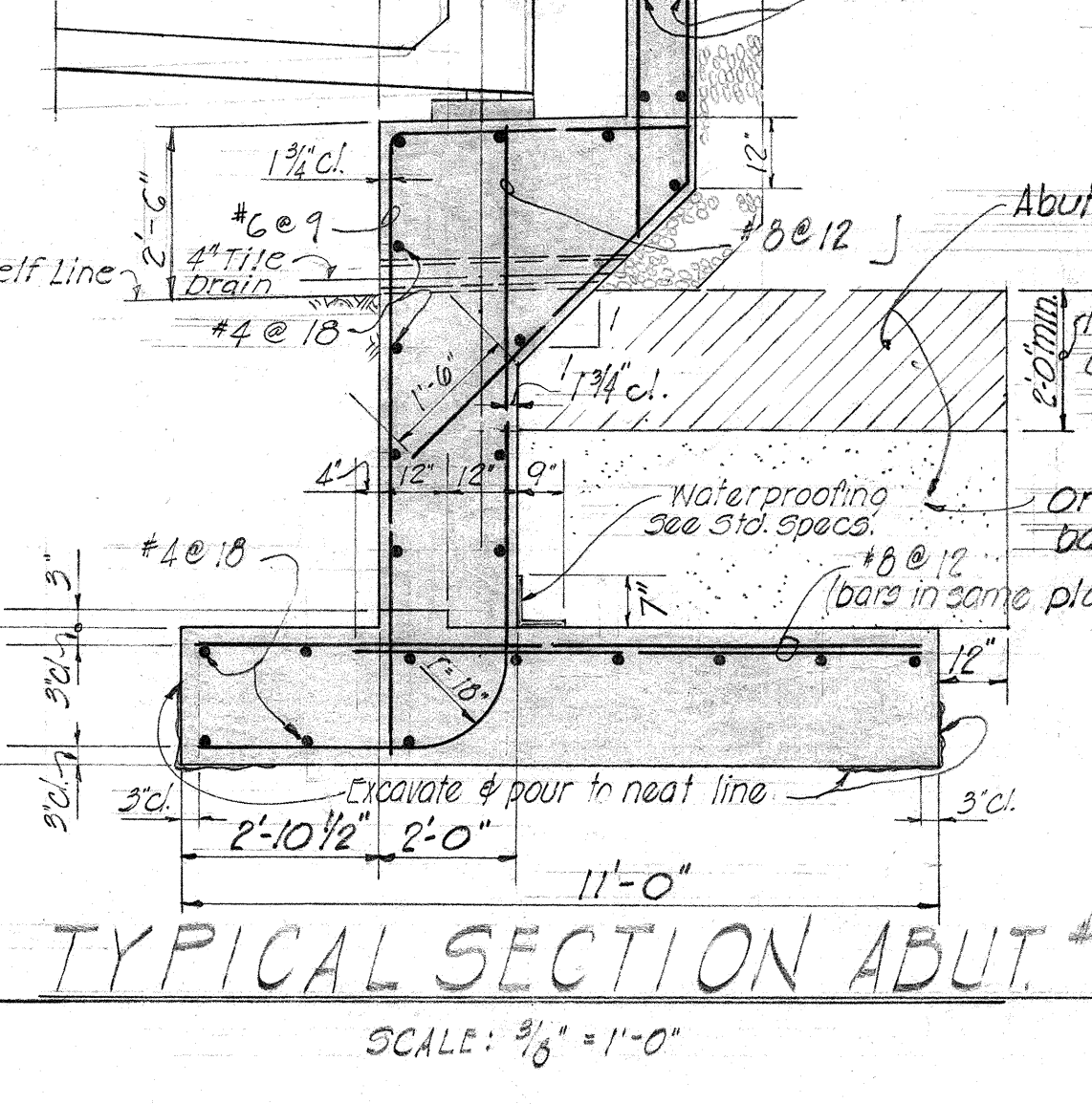
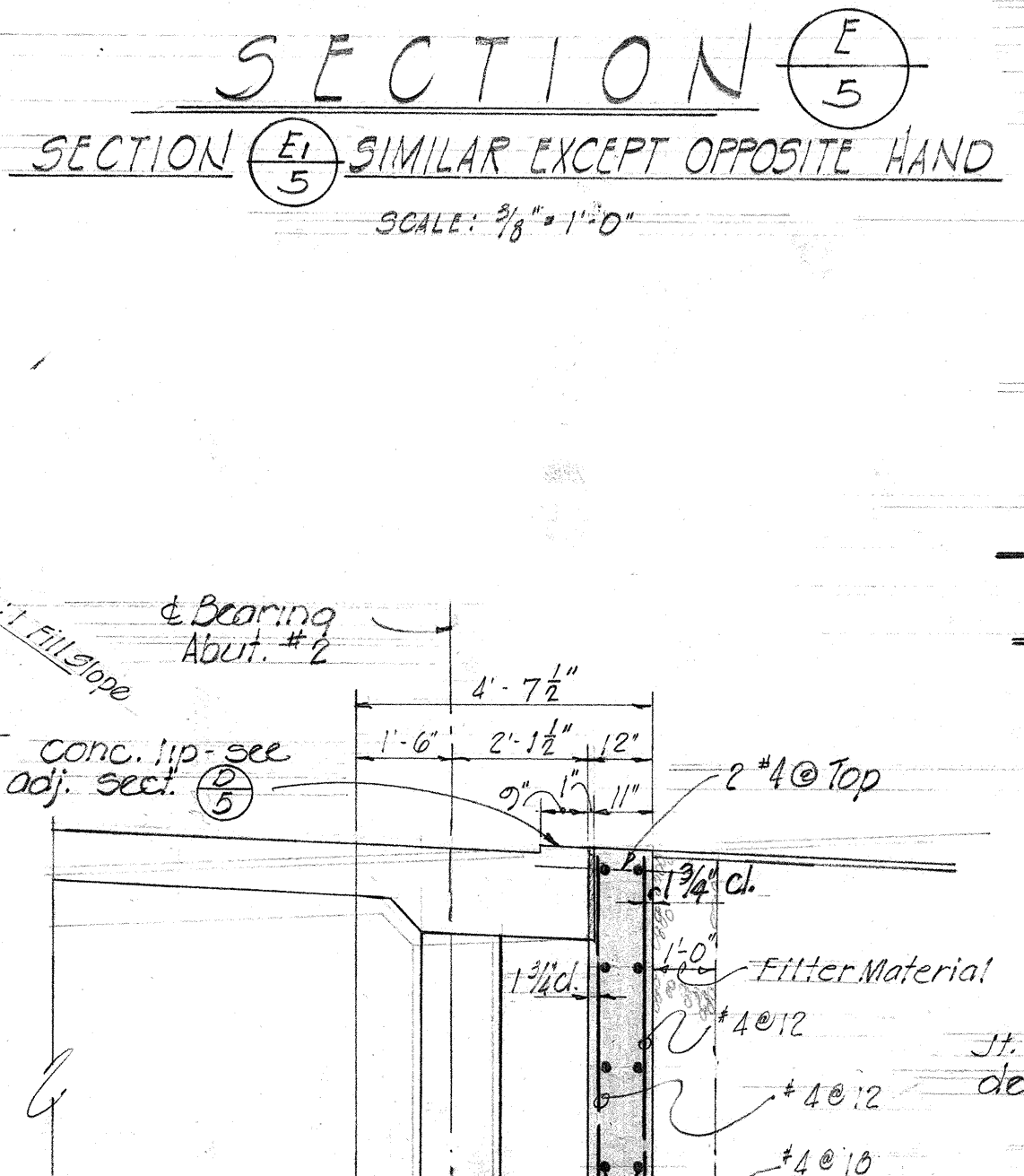
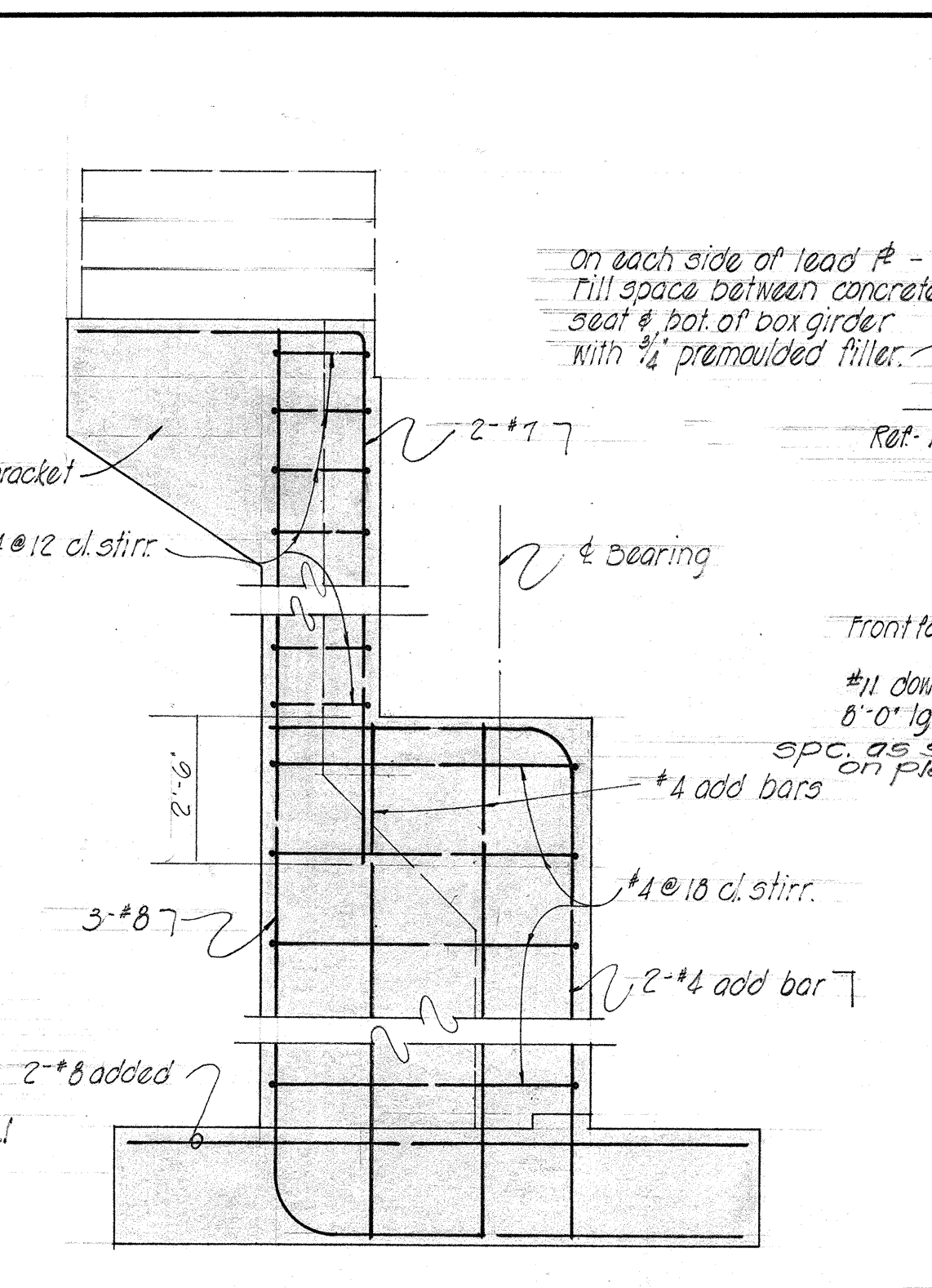
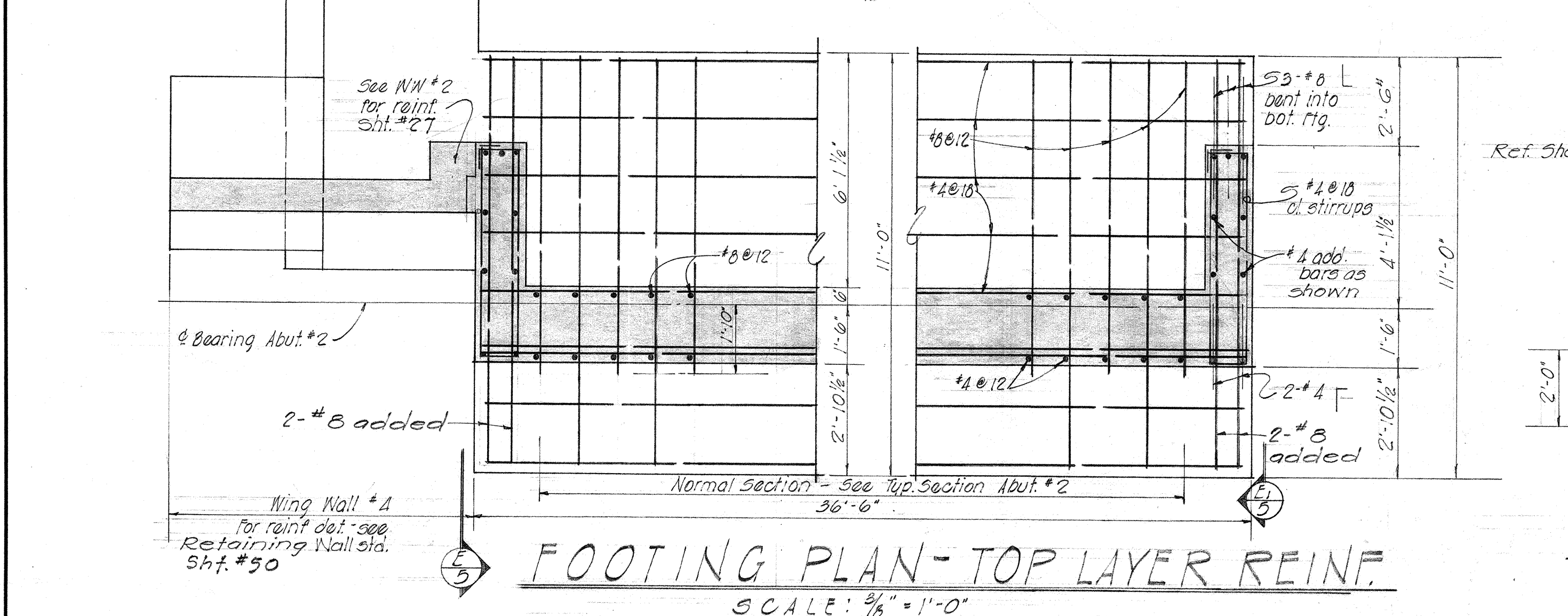
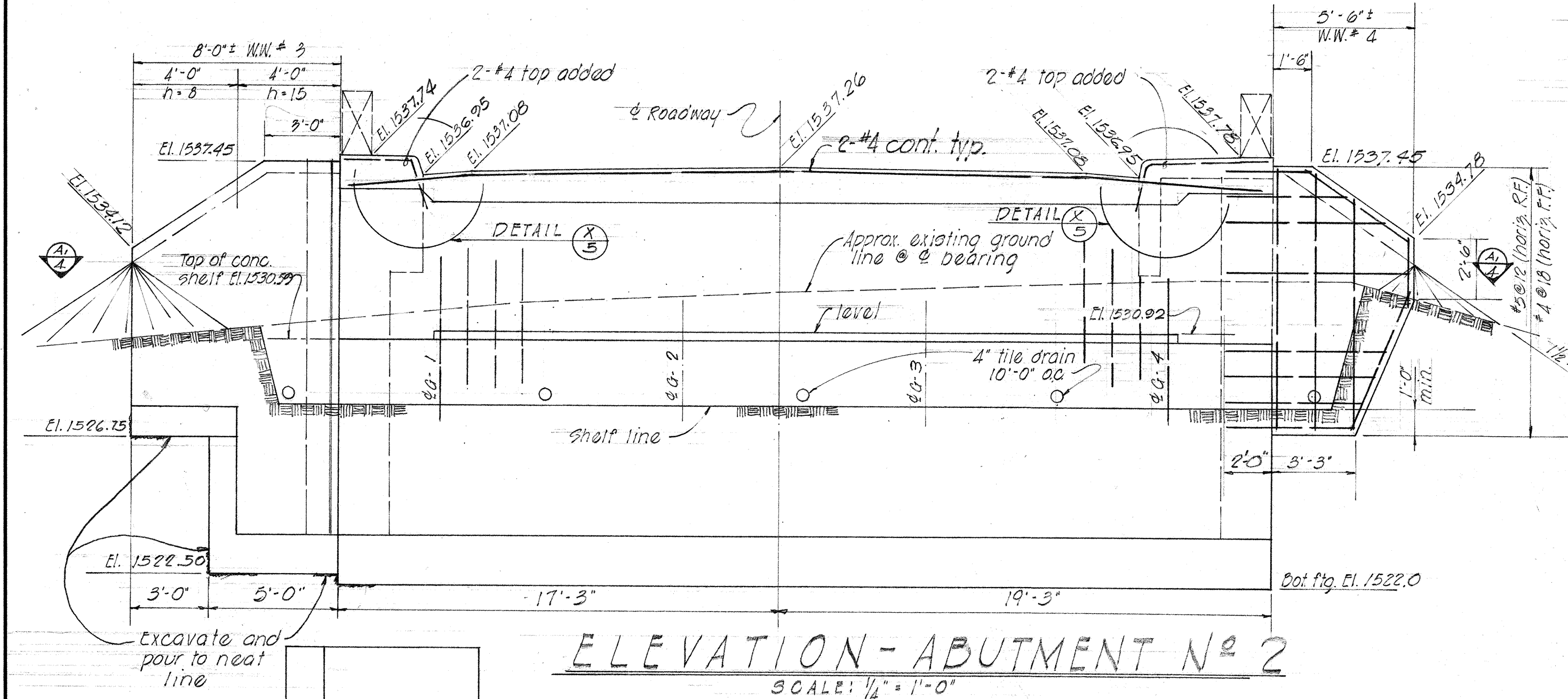
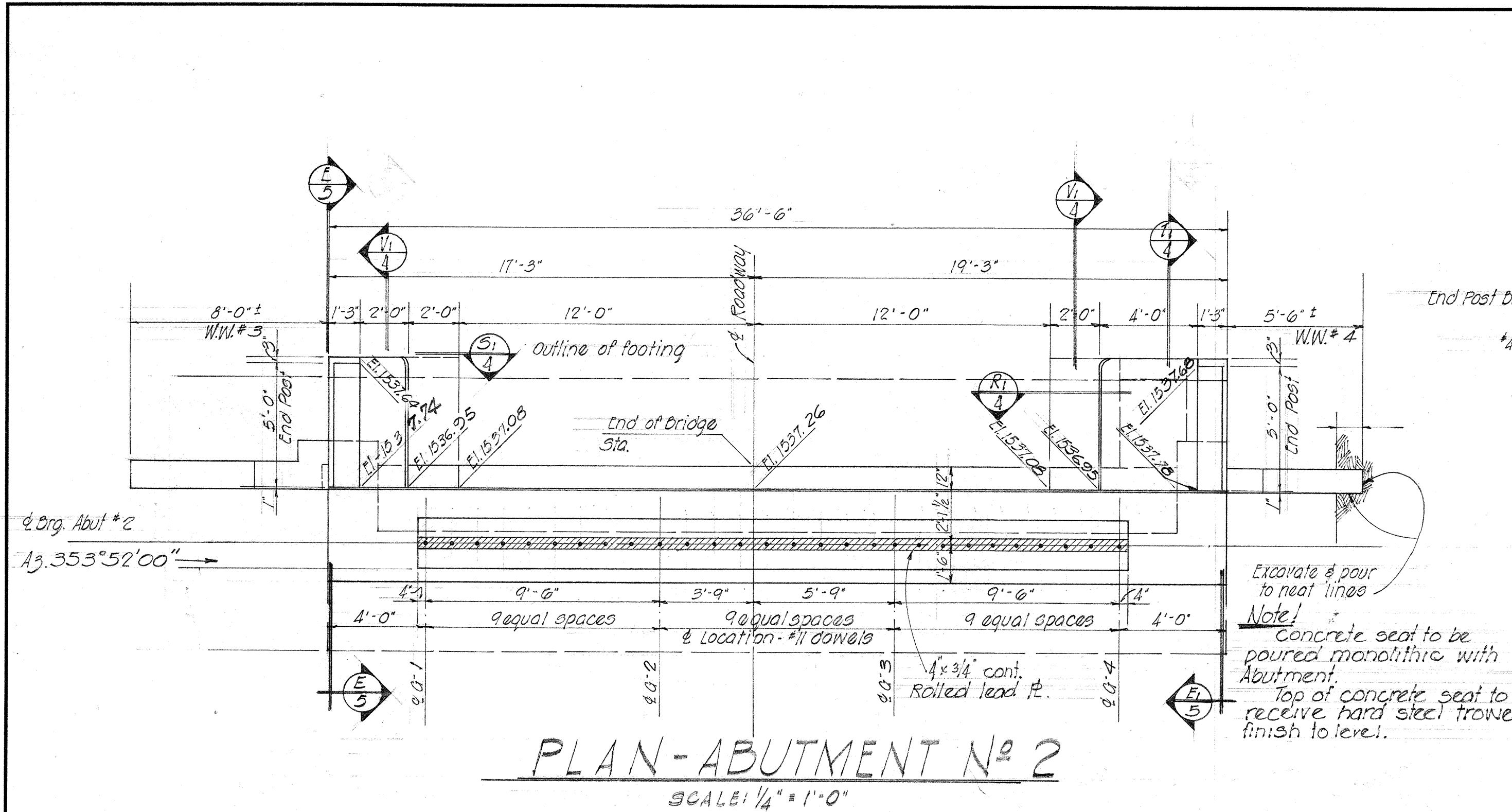
NIE-NIE BRIDGE

STA. 828+31.75 TO STA. 829+78.25
 HAWAII BELT ROAD PROJ. FO19-1(1)
 APRIL 1961 UNIT 2



NIE-NIE BRIDGE
STA 828+31.75 TO STA 829+78.25
HAWAII BELT ROAD PROJ. FOI 9-1(1)
APRIL 1961 UNIT 2

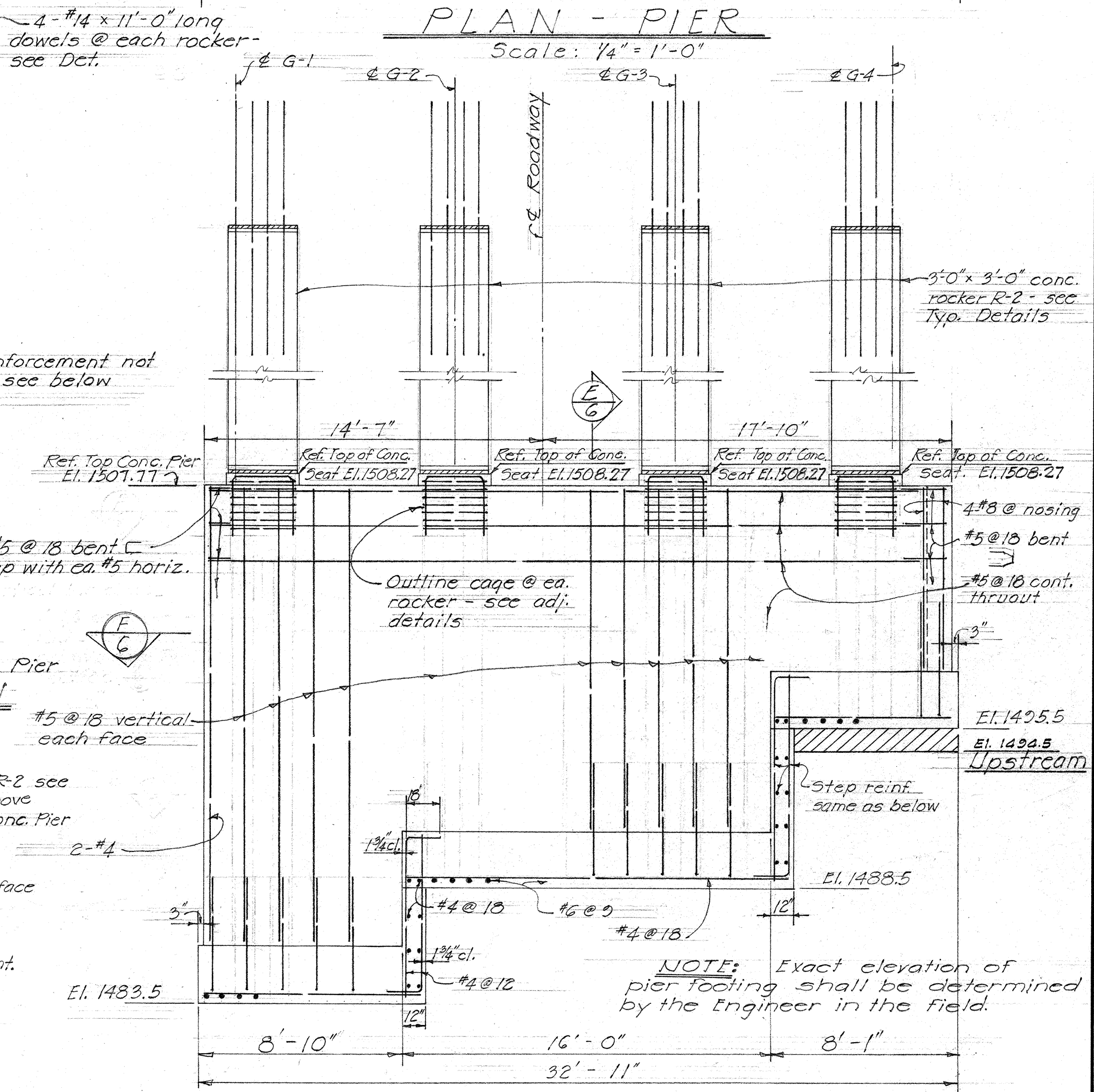
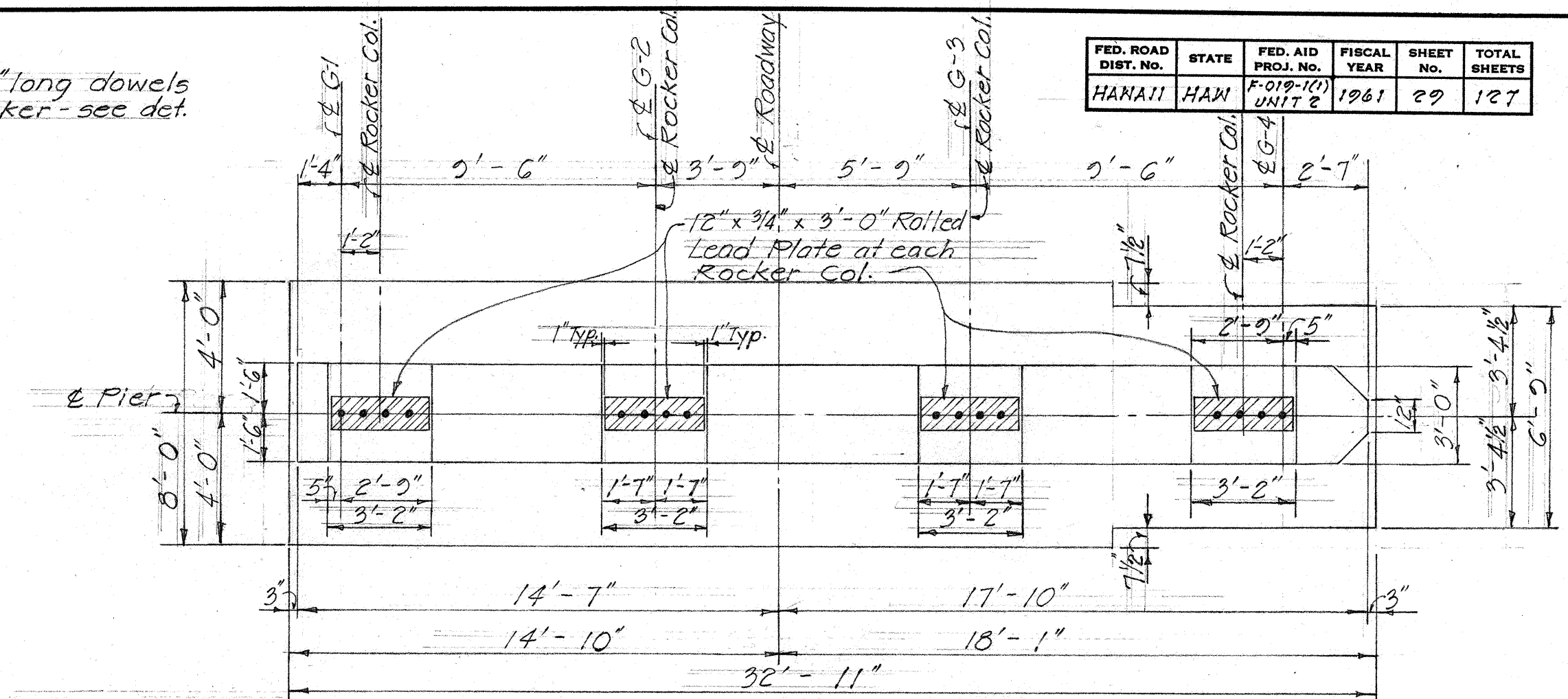
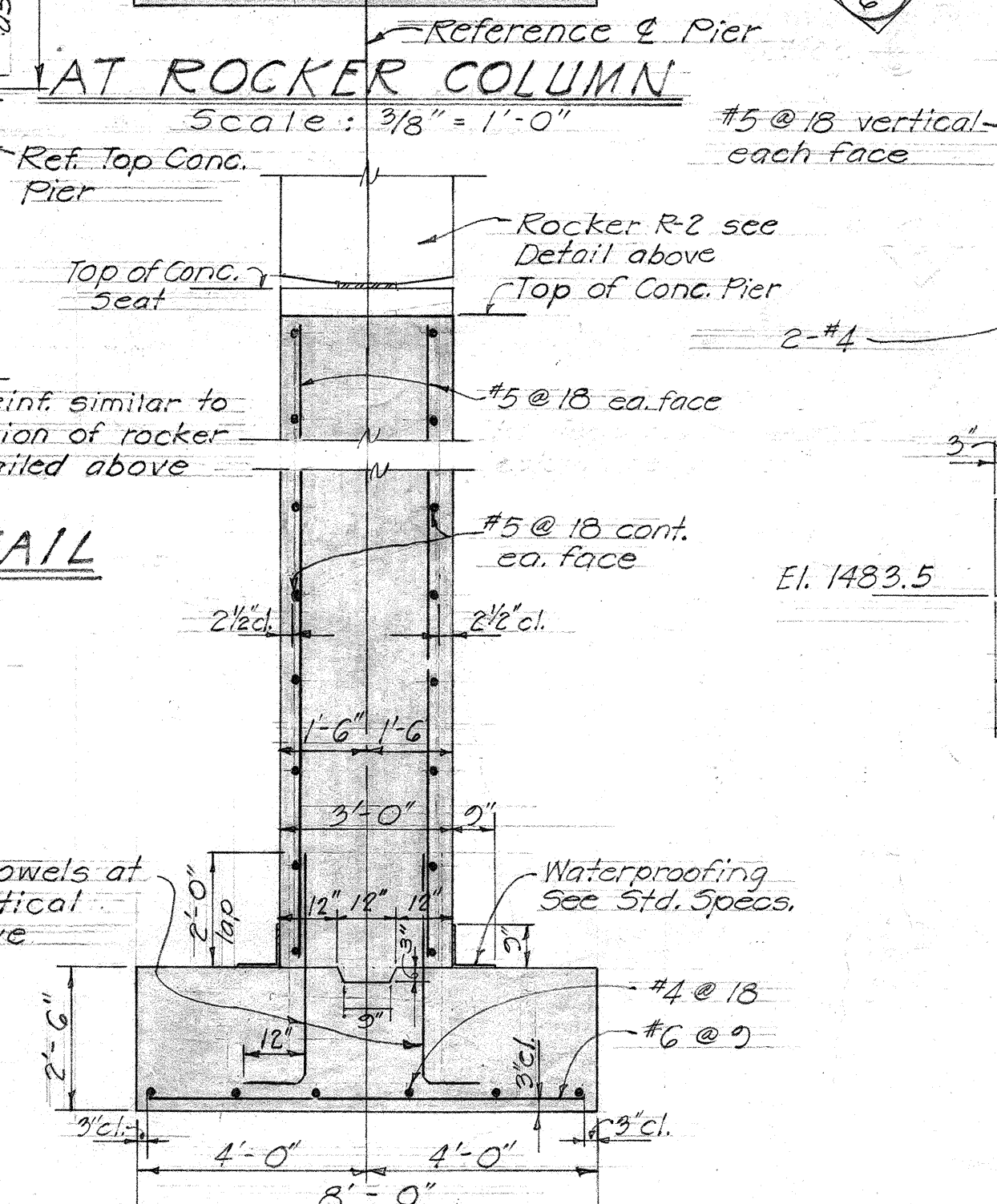
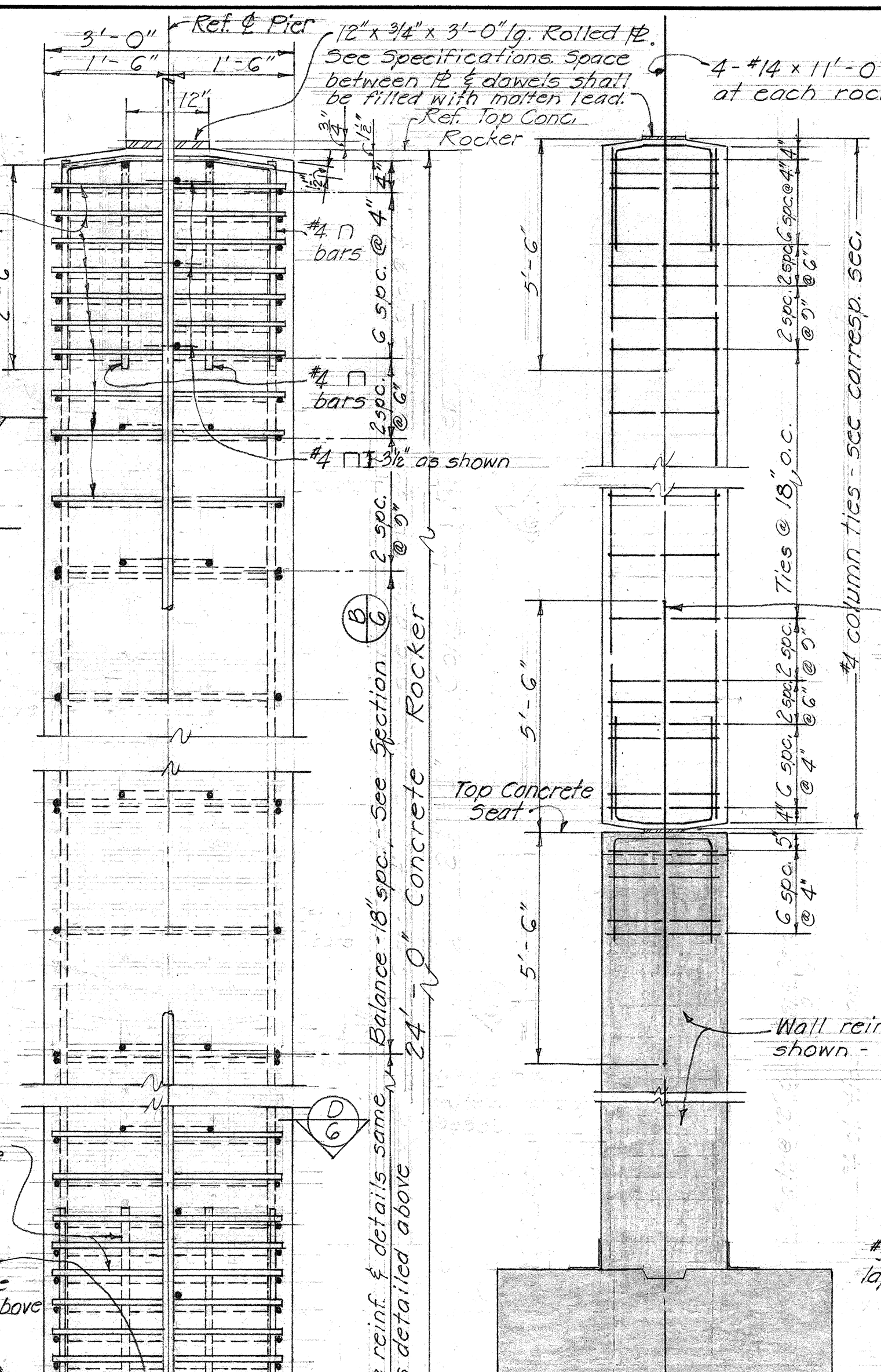
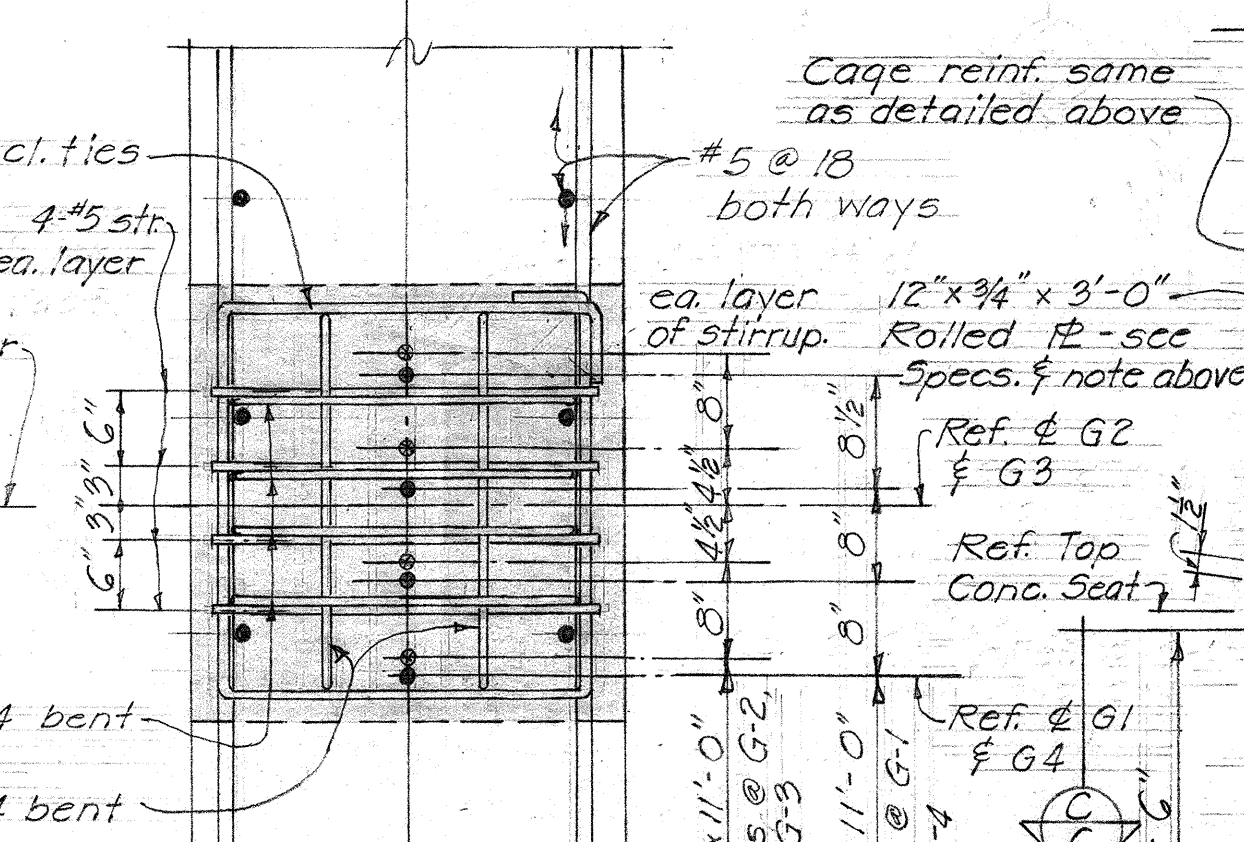
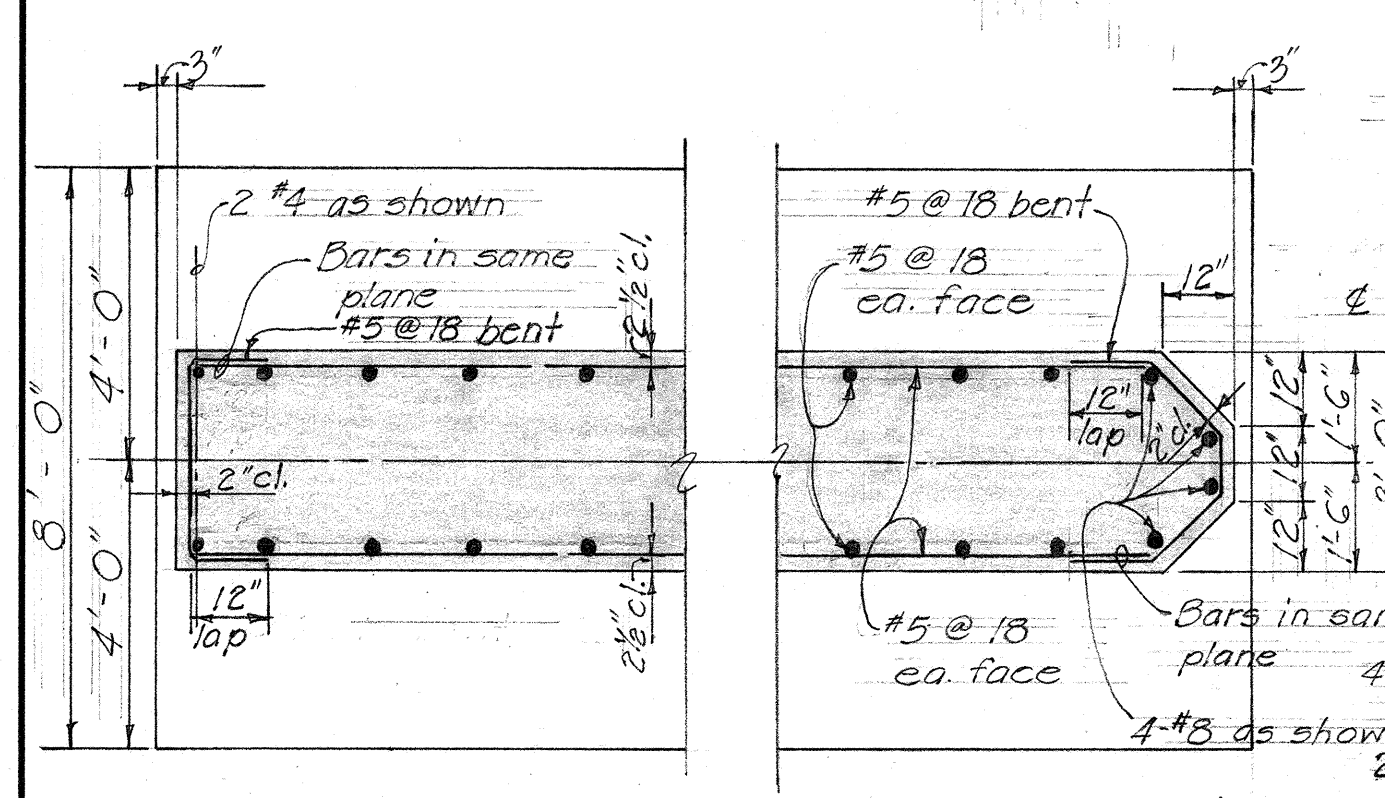
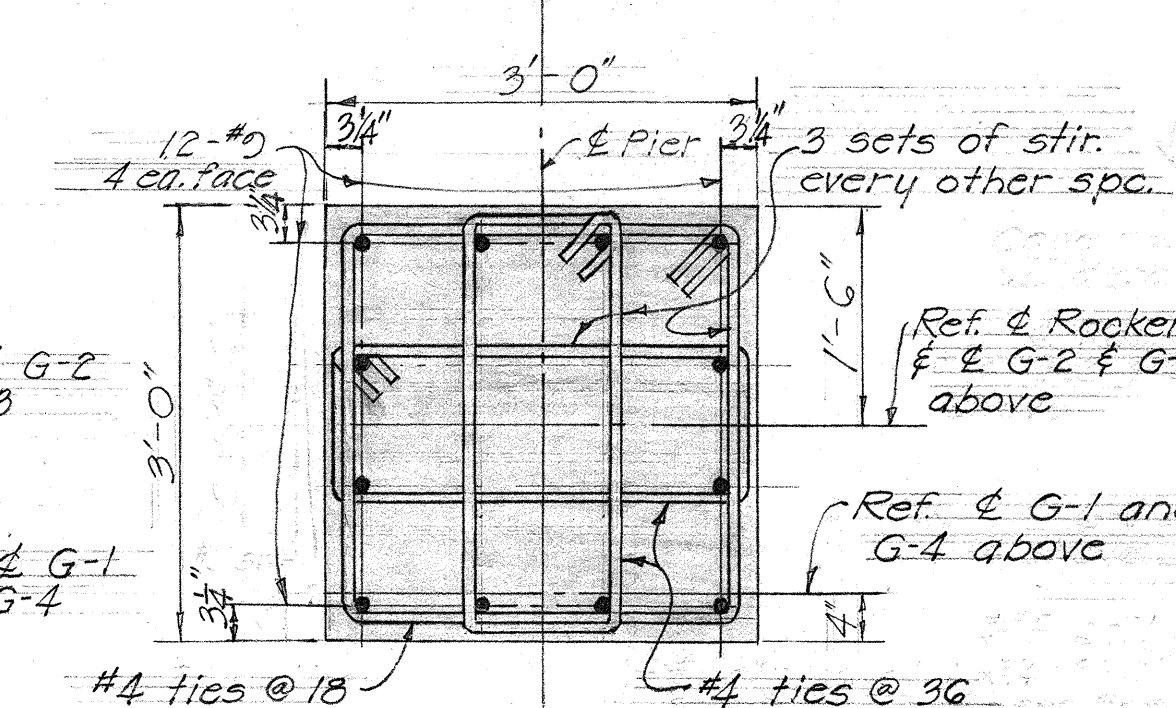
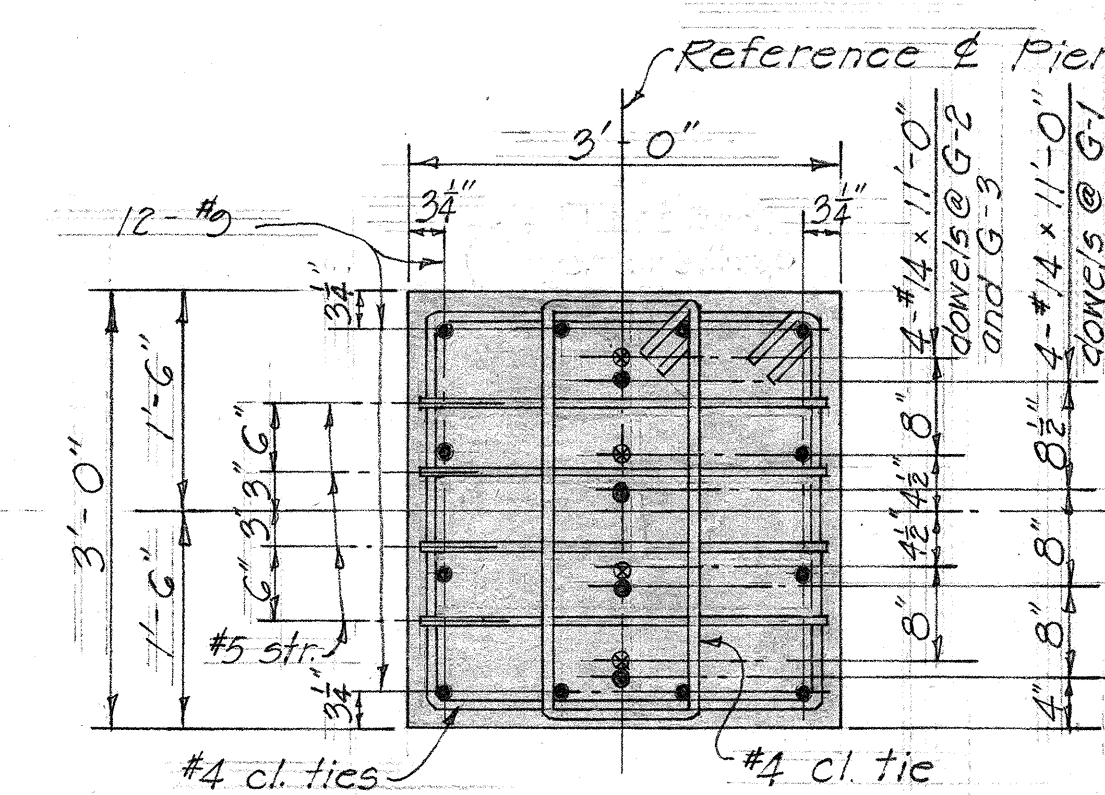
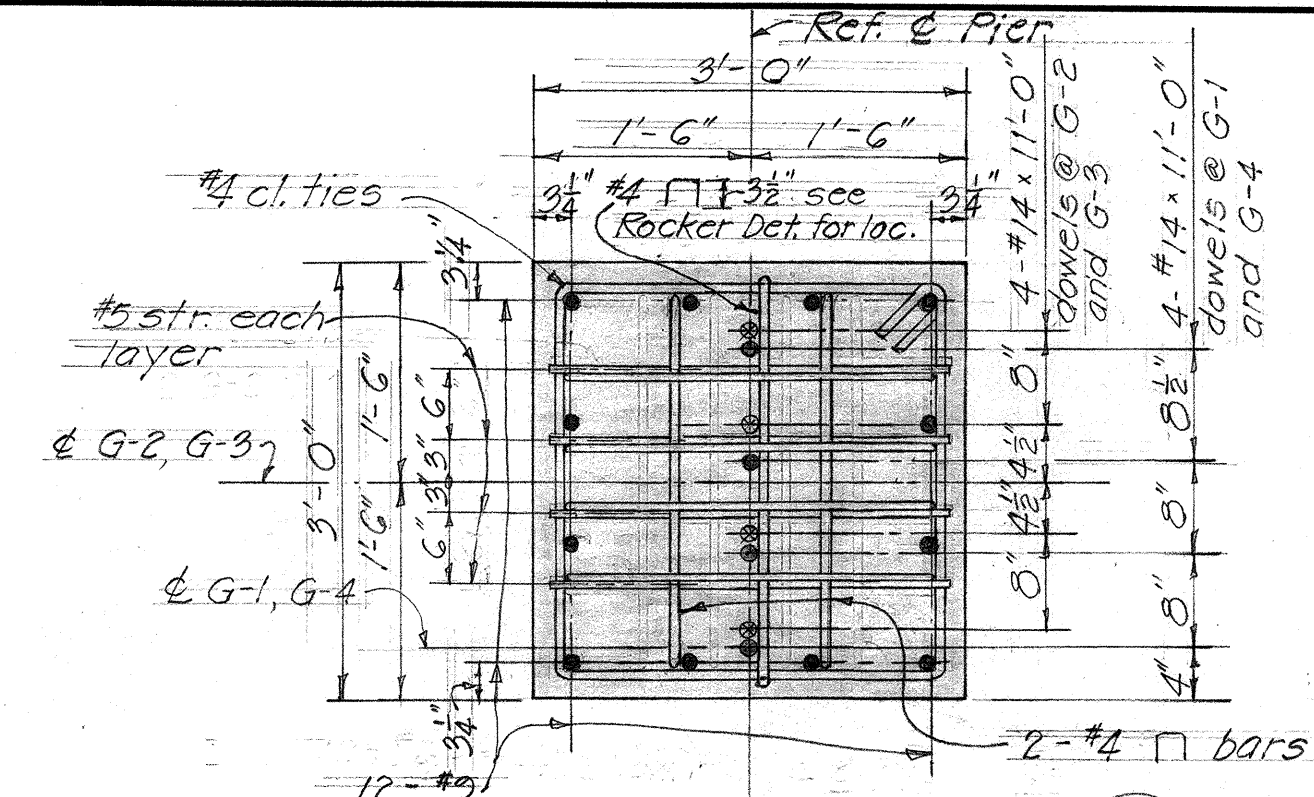
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	FO-19-1(1)	1961	28	127



SURVEY PLOTTED BY	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES CHECKED BY	
NO.	

NIE-NIE BRIDGE
STA. 828+31.75 TO STA. 829+98.25
HAWAII BELT ROAD PROJ. FO-19-1(1)
APRIL 1961 UNIT 2

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	FO19-1(1)	1961	29	127



Note: In fabricating cage reinforcement use tack welds to keep bars in their proper positions. Concrete seat to be poured monolithic with pier. Top of concrete seat to have steel trowel finish to level.

NOTE: Exact elevation of pier footing shall be determined by the Engineer in the field.

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STATE OF HAWAII
NIE-NIE BRIDGE
STA. 828+3 TO STA. 829+7
HAWAII BELT ROAD PROJ. FO19-1(1)
APRIL 1961 UNIT 2