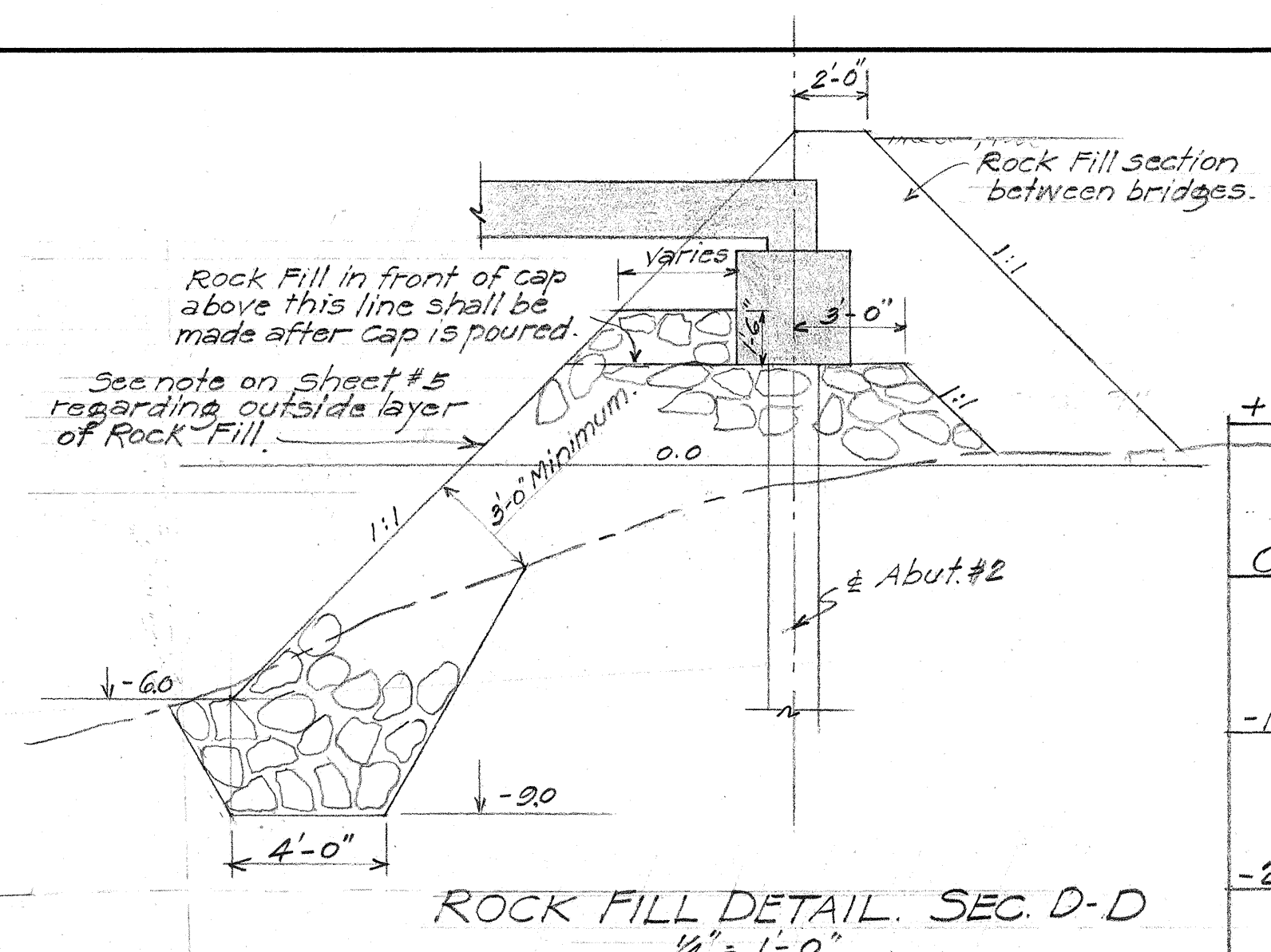


70

NOTE! For 14"x14" Concrete Piles use same reinforcing, # of bars & wrapping.
Scale: 3/4" = 1'-0"



No. 1	No. 2	No. 3	No. 4	+10
+6.1	+6.2	+0.7	+0.7	0.0
0.0	0.0	-0.4	-0.4	-10
-3.3	-1.1	-1.4	-1.4	-20
-13.6	-13.2	-14.8	-15.2	-30
-14.3	-15.2	-16.8	-17.2	-40
-17.0	-16.7	-22.0	-20.7	-50
-19.7	-18.5	-22.0	-20.7	-60
-27.0	-28.0	-28.0	-28.0	-70
-36.5	-30.7	-31.3	-31.7	-80
-37.0	-36.8	-36.8	-36.6	-90
-41.8	-27.7	-30.1	-30.3	-100
-44.7	-44.7	-44.7	-44.7	-110
-50.5	-50.5	-50.5	-50.5	-120
-52.0	-52.0	-52.0	-52.0	-130
-52.0	-52.0	-52.0	-52.0	-140
-52.0	-52.0	-52.0	-52.0	-150
-52.0	-52.0	-52.0	-52.0	-160
-52.0	-52.0	-52.0	-52.0	-170
-52.0	-52.0	-52.0	-52.0	-180
-52.0	-52.0	-52.0	-52.0	-190
-52.0	-52.0	-52.0	-52.0	-200
-52.0	-52.0	-52.0	-52.0	-210
-52.0	-52.0	-52.0	-52.0	-220
-52.0	-52.0	-52.0	-52.0	-230
-52.0	-52.0	-52.0	-52.0	-240
-52.0	-52.0	-52.0	-52.0	-250
-52.0	-52.0	-52.0	-52.0	-260
-52.0	-52.0	-52.0	-52.0	-270
-52.0	-52.0	-52.0	-52.0	-280
-52.0	-52.0	-52.0	-52.0	-290
-52.0	-52.0	-52.0	-52.0	-300
-52.0	-52.0	-52.0	-52.0	-310
-52.0	-52.0	-52.0	-52.0	-320
-52.0	-52.0	-52.0	-52.0	-330
-52.0	-52.0	-52.0	-52.0	-340
-52.0	-52.0	-52.0	-52.0	-350
-52.0	-52.0	-52.0	-52.0	-360
-52.0	-52.0	-52.0	-52.0	-370
-52.0	-52.0	-52.0	-52.0	-380
-52.0	-52.0	-52.0	-52.0	-390
-52.0	-52.0	-52.0	-52.0	-400
-52.0	-52.0	-52.0	-52.0	-410
-52.0	-52.0	-52.0	-52.0	-420
-52.0	-52.0	-52.0	-52.0	-430
-52.0	-52.0	-52.0	-52.0	-440
-52.0	-52.0	-52.0	-52.0	-450
-52.0	-52.0	-52.0	-52.0	-460
-52.0	-52.0	-52.0	-52.0	-470
-52.0	-52.0	-52.0	-52.0	-480
-52.0	-52.0	-52.0	-52.0	-490
-52.0	-52.0	-52.0	-52.0	-500
-52.0	-52.0	-52.0	-52.0	-510
-52.0	-52.0	-52.0	-52.0	-520
-52.0	-52.0	-52.0	-52.0	-530
-52.0	-52.0	-52.0	-52.0	-540
-52.0	-52.0	-52.0	-52.0	-550
-52.0	-52.0	-52.0	-52.0	-560
-52.0	-52.0	-52.0	-52.0	-570
-52.0	-52.0	-52.0	-52.0	-580
-52.0	-52.0	-52.0	-52.0	-590
-52.0	-52.0	-52.0	-52.0	-600
-52.0	-52.0	-52.0	-52.0	-610
-52.0	-52.0	-52.0	-52.0	-620
-52.0	-52.0	-52.0	-52.0	-630
-52.0	-52.0	-52.0	-52.0	-640
-52.0	-52.0	-52.0	-52.0	-650
-52.0	-52.0	-52.0	-52.0	-660
-52.0	-52.0	-52.0	-52.0	-670
-52.0	-52.0	-52.0	-52.0	-680
-52.0	-52.0	-52.0	-52.0	-690
-52.0	-52.0	-52.0	-52.0	-700
-52.0	-52.0	-52.0	-52.0	-710
-52.0	-52.0	-52.0	-52.0	-720
-52.0	-52.0	-52.0	-52.0	-730
-52.0	-52.0	-52.0	-52.0	-740
-52.0	-52.0	-52.0	-52.0	-750
-52.0	-52.0	-52.0	-52.0	-760
-52.0	-52.0	-52.0	-52.0	-770
-52.0	-52.0	-52.0	-52.0	-780
-52.0	-52.0	-52.0	-52.0	-790
-52.0	-52.0	-52.0	-52.0	-800

BORING DATA
Vert. Scale: 1" = 10'-0"

Item	Superstructure	Piers	Railing, Railing Post and End Post	Abut. #1	Abut. #2	Total
Class A-1 Conc.	578.5 C.Y.	127.2 C.Y.	60.5 C.Y.	21.5 C.Y.	21.5 C.Y.	809.2 C.Y.
Reinf. Steel	79,074 #	17,159 #	6,532 #	2,920 #	2,920 #	108,744 lbs.
16"x16"x55'-0" Conc. Piles		72		8	8	88 pcs.
Rock Fill				403.0 C.Y.	520.0 C.Y.	923.0 C.Y.
Str. Exc.				340.0 C.Y.	367.0 C.Y.	707.0 C.Y.

Curve Data
(& Med. Strip)

Δ = 18°-36'-00" 18°-36'

D = 4'-00'

R = 1432.40'

T = 234.56' 234.56'

L = 465.00' 465.00'

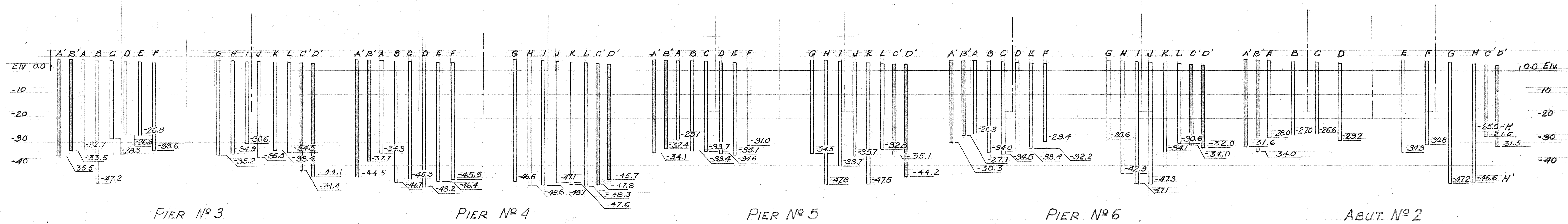
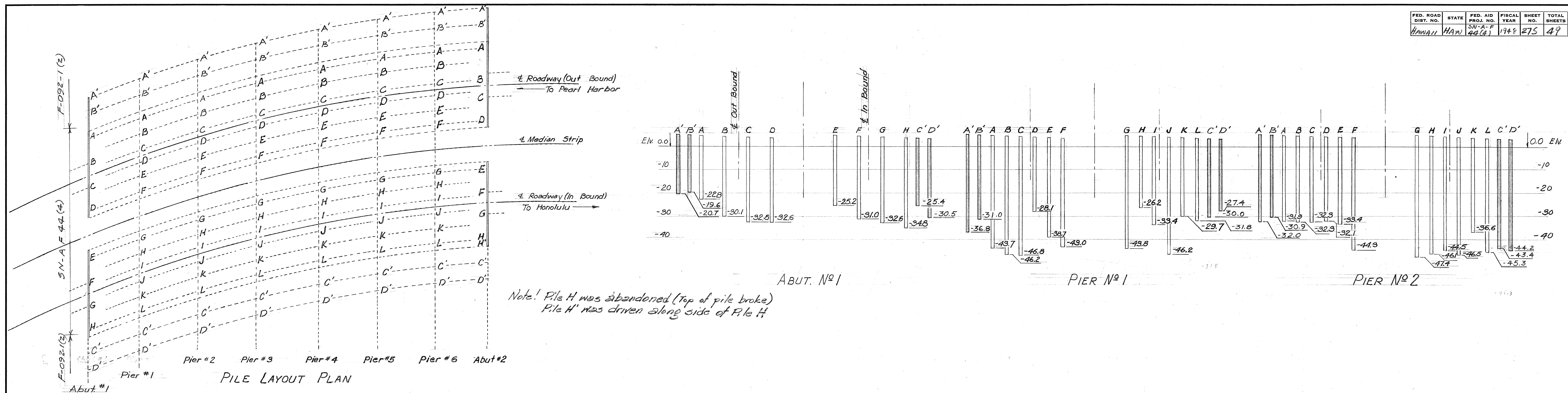
SE = 0.04' per ft.

LOCATION PLAN
Scale: 1" = 20'-0"

SURVEY PLOTTED BY: J. S. JONES
DATE: 1/1/48
DRAWN BY: J. S. JONES
CHECKED BY: J. S. JONES
NOTE BOOK: 100-100
QUANTITIES CHECKED BY: J. S. JONES
CHECKED BY: J. S. JONES

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KAPALAMA CANAL BRIDGE
Sta. G2+26.18 - Sta. G3+68.76
HON.-PEARL HARBOR RD. S.N.-A-F 44(4)
Aug. 1946
SHEET No. 1 OF 6 SHEETS

5242.27



Note! Piles for project F-092-1(2) were driven in May 1957.
Piles for project SN-A-F 44(4) were driven in April 1949.
Shaded piles are for proj. F-092-1(2).

PILE TIP ELEVATIONS
AS DRIVEN

TERRITORIAL HIGHWAY DEPARTMENT

TERRITORY OF HAWAII

KAPALAMA CANAL BRIDGE

Sta. 62 + 26.13 - Sta. 63 + 63.76

PILE TIP ELEVATIONS AS DRIVEN

HON. PEARL HARBOR RD. SN-A-F 44(4)

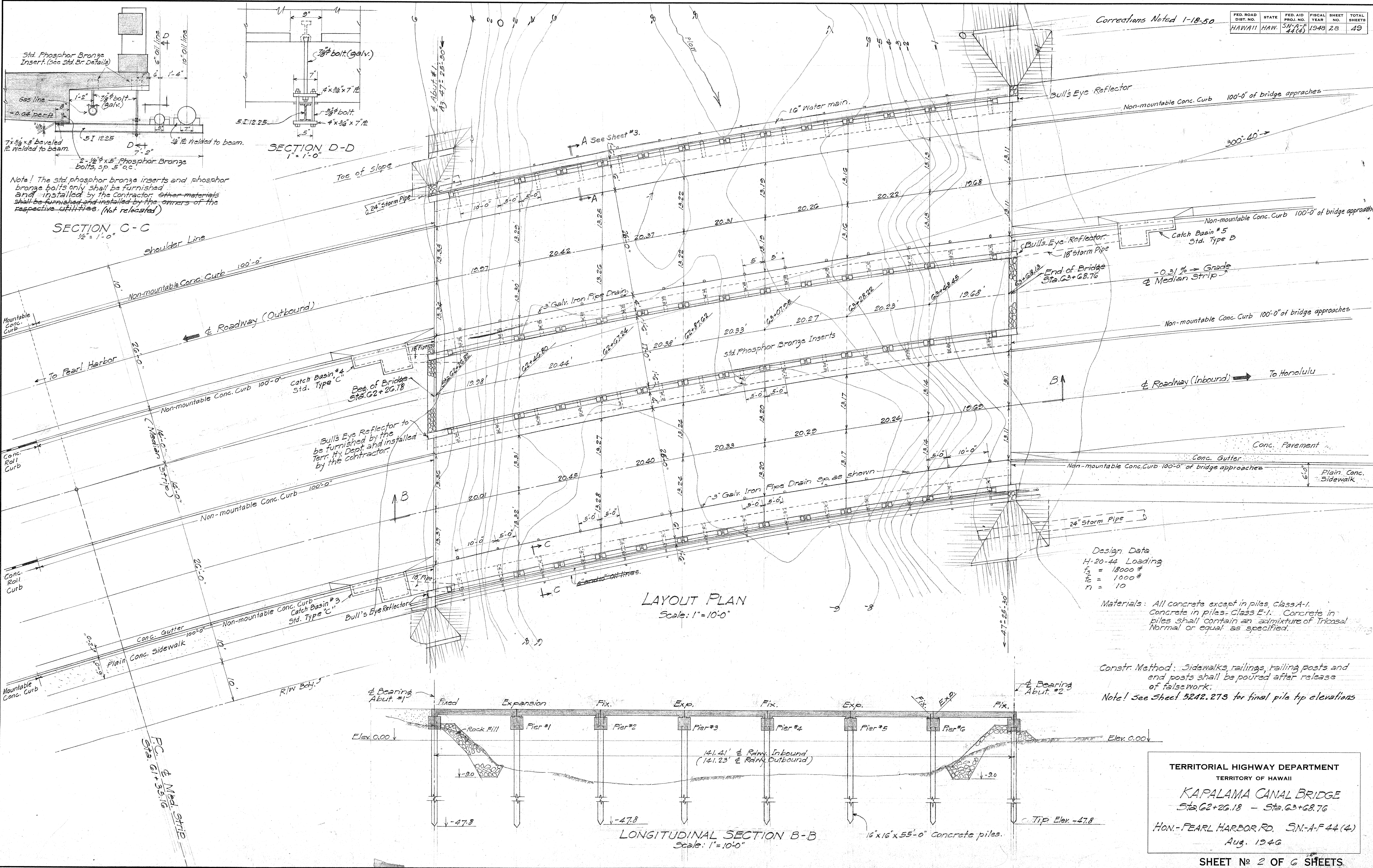
F-092-1(2)

April 1949, May 1957

SHEET No. 1 OF 1 SHEETS

5242.275

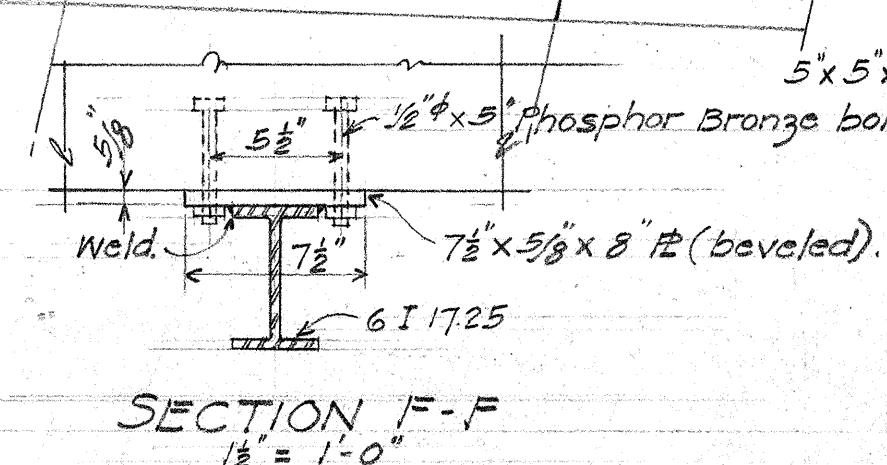
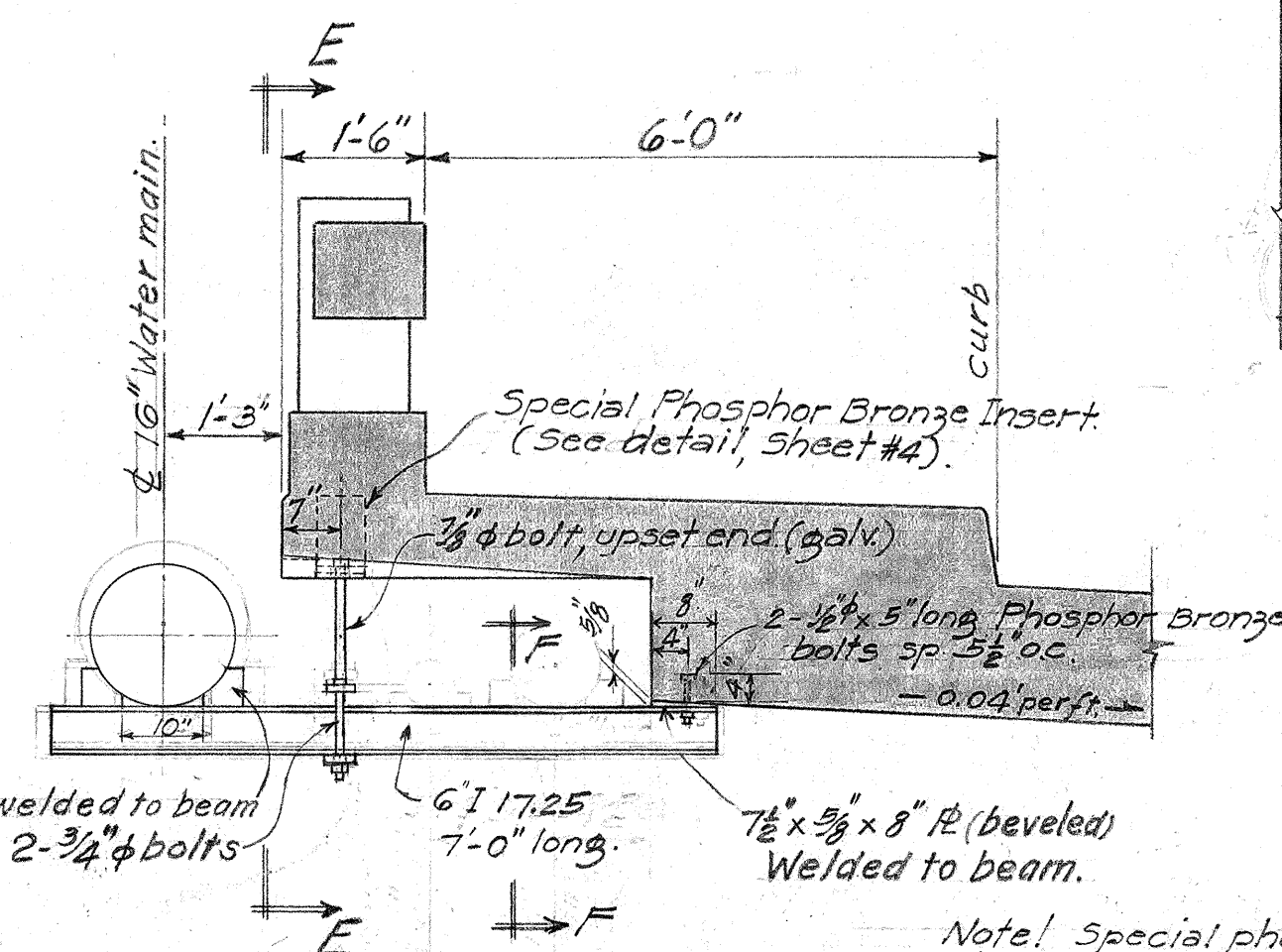
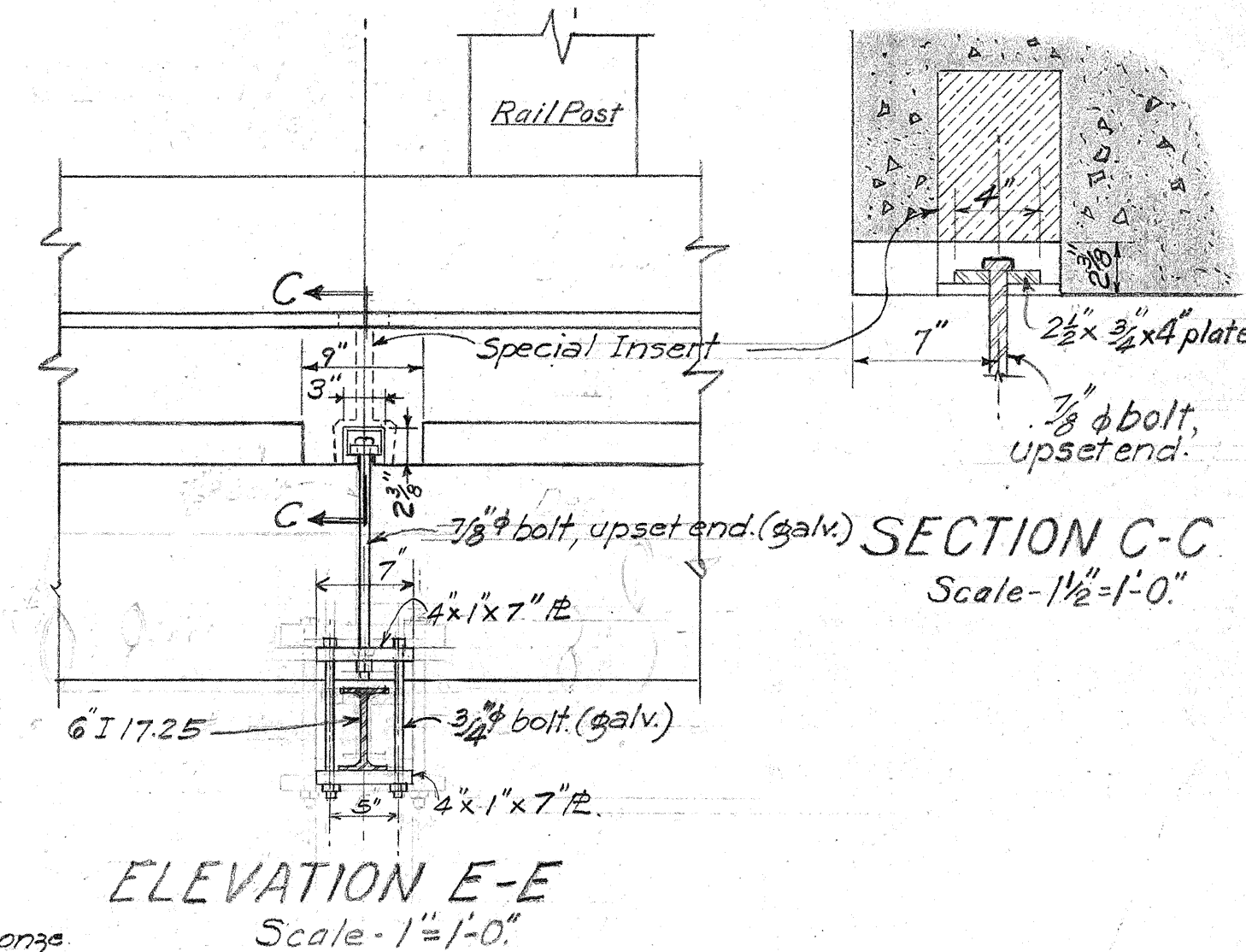
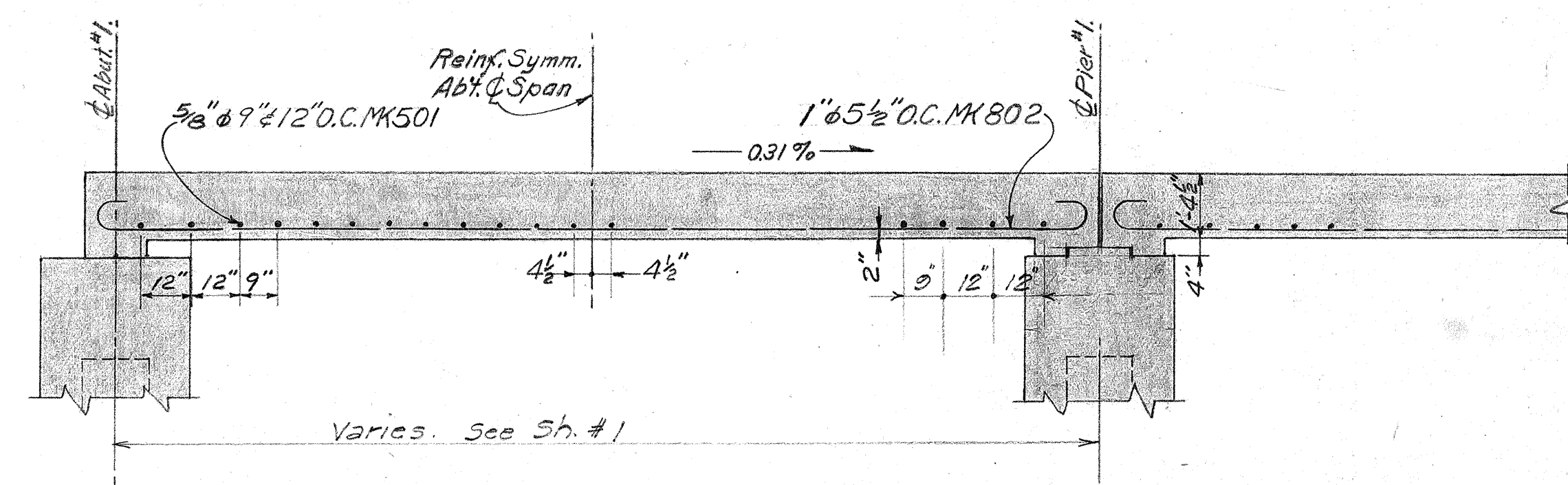
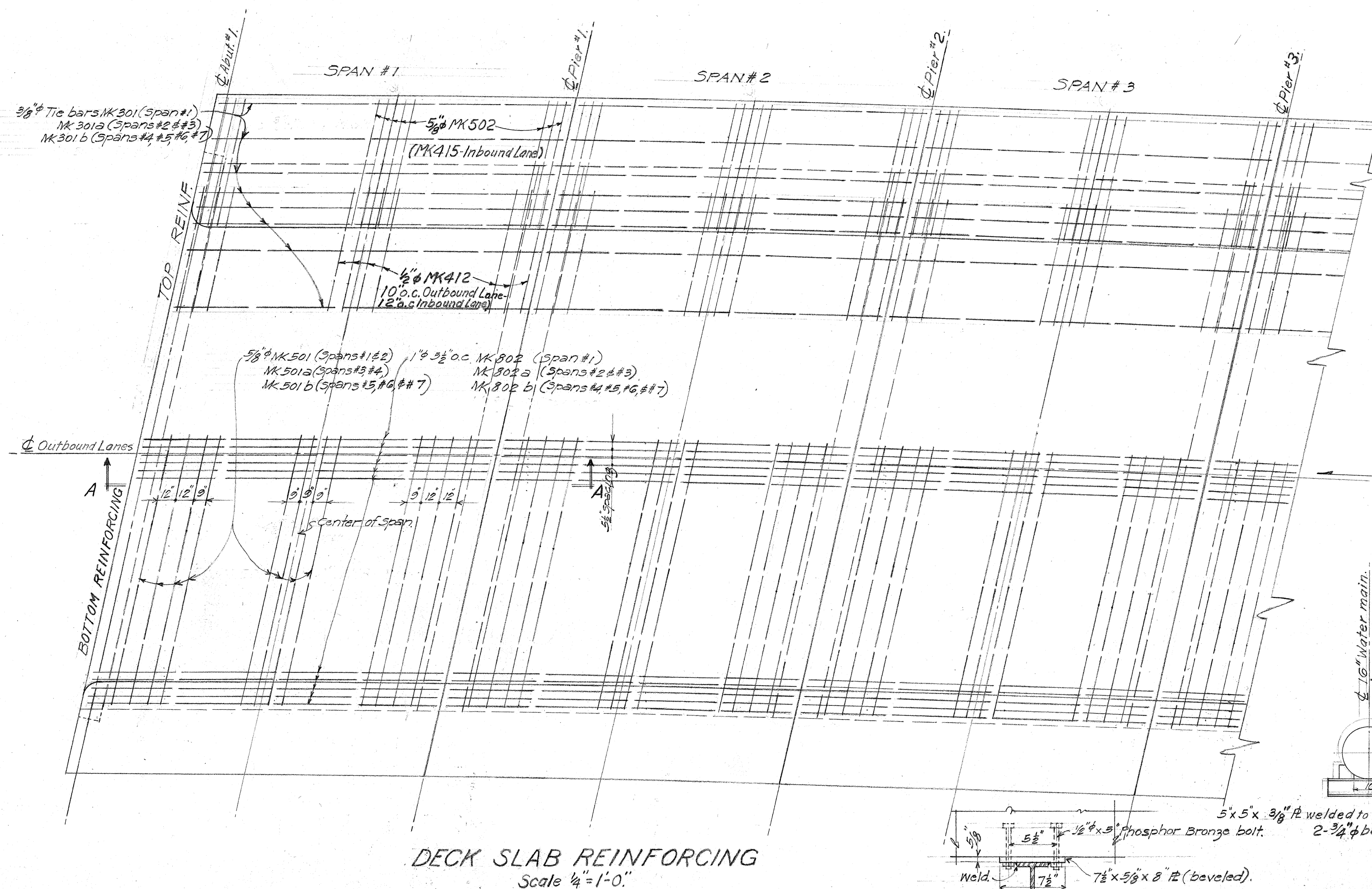
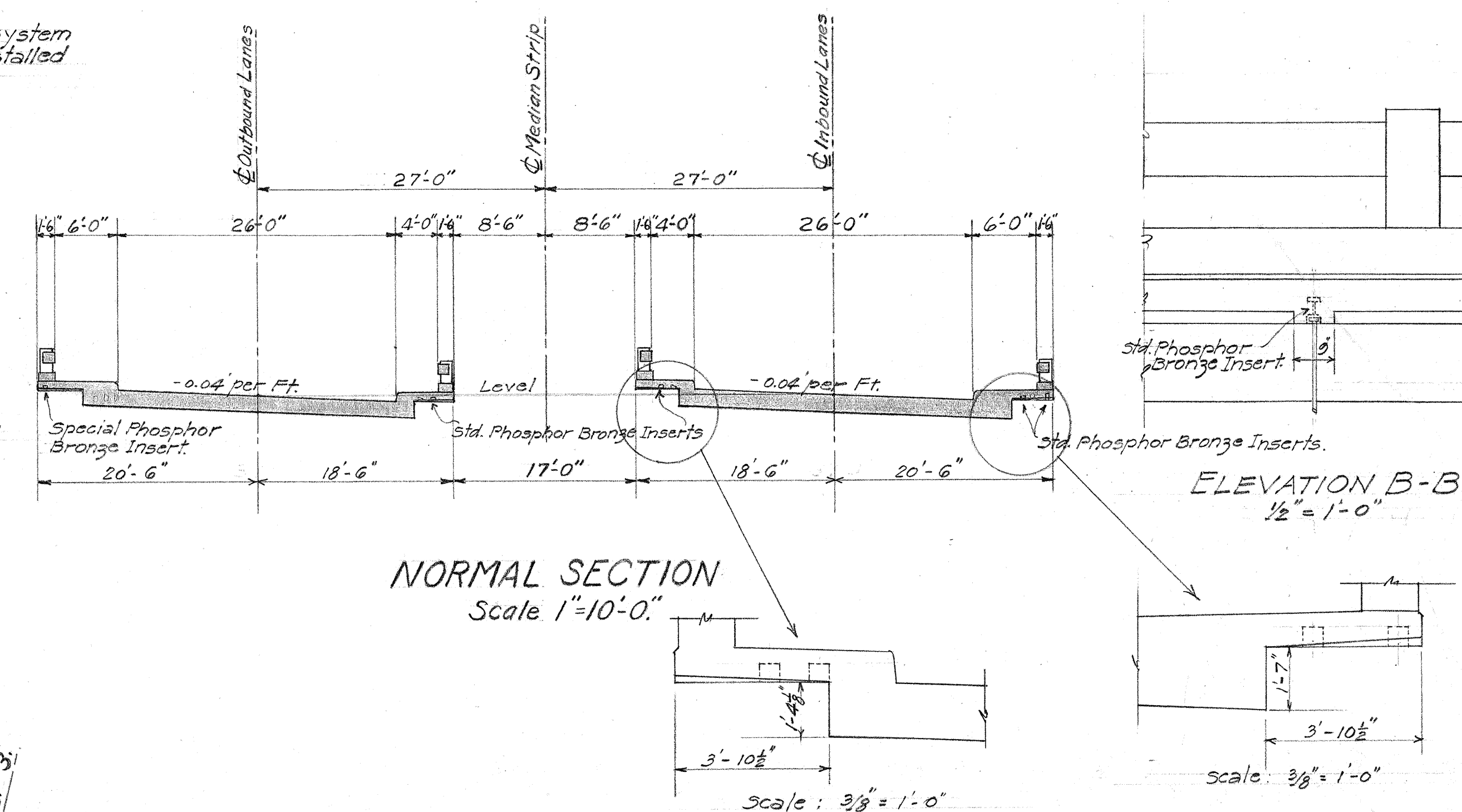
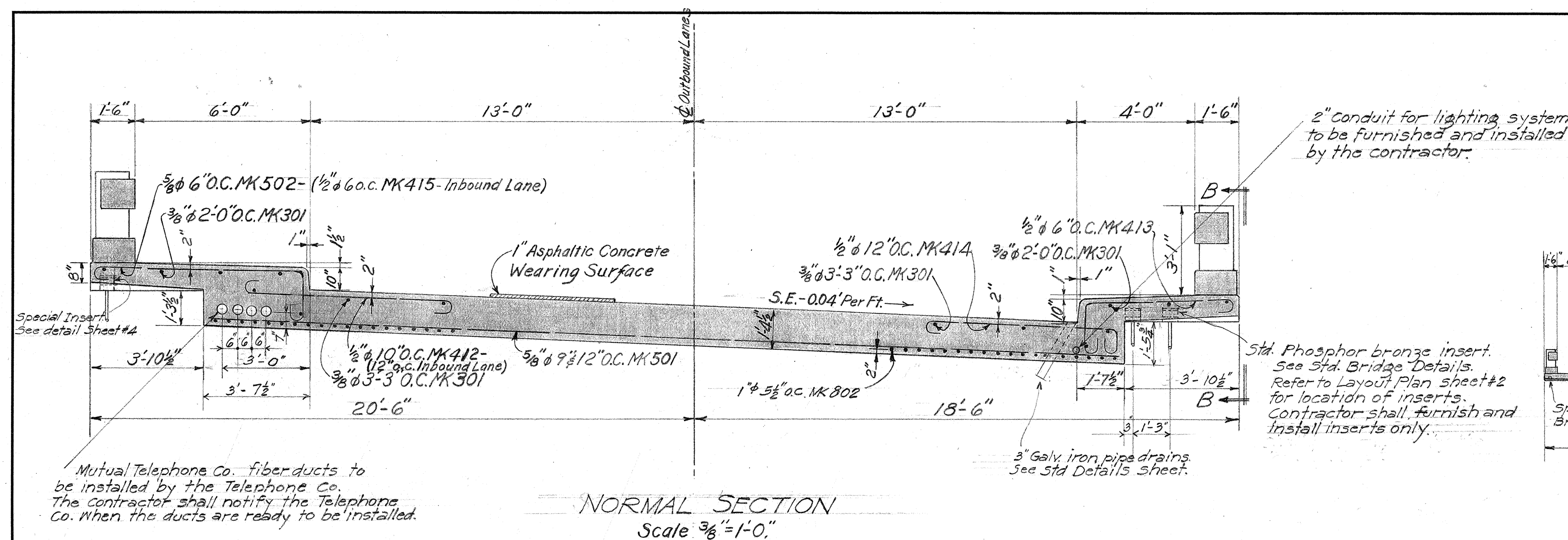
Corrections Noted 1-18-50



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES CHECKED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

Corrections Noted 1-18-50

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	3N-A-F 44(4)	1948	29	49



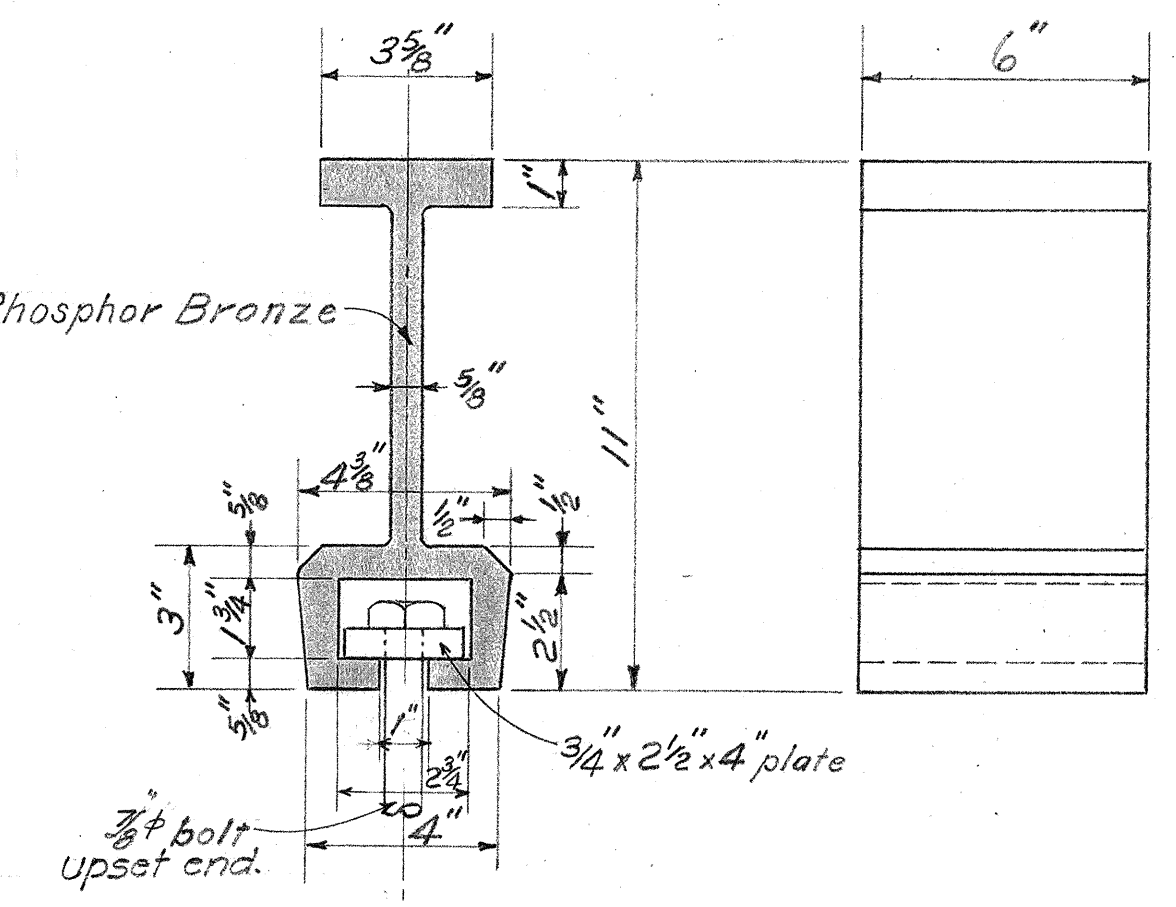
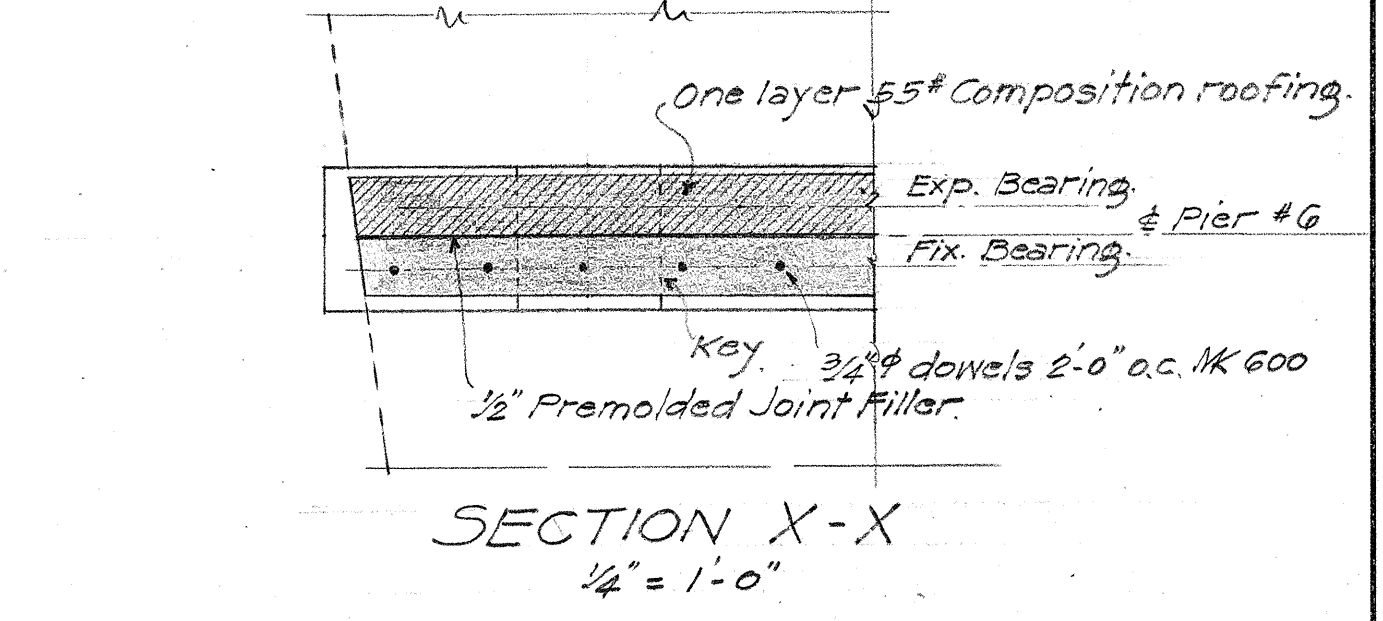
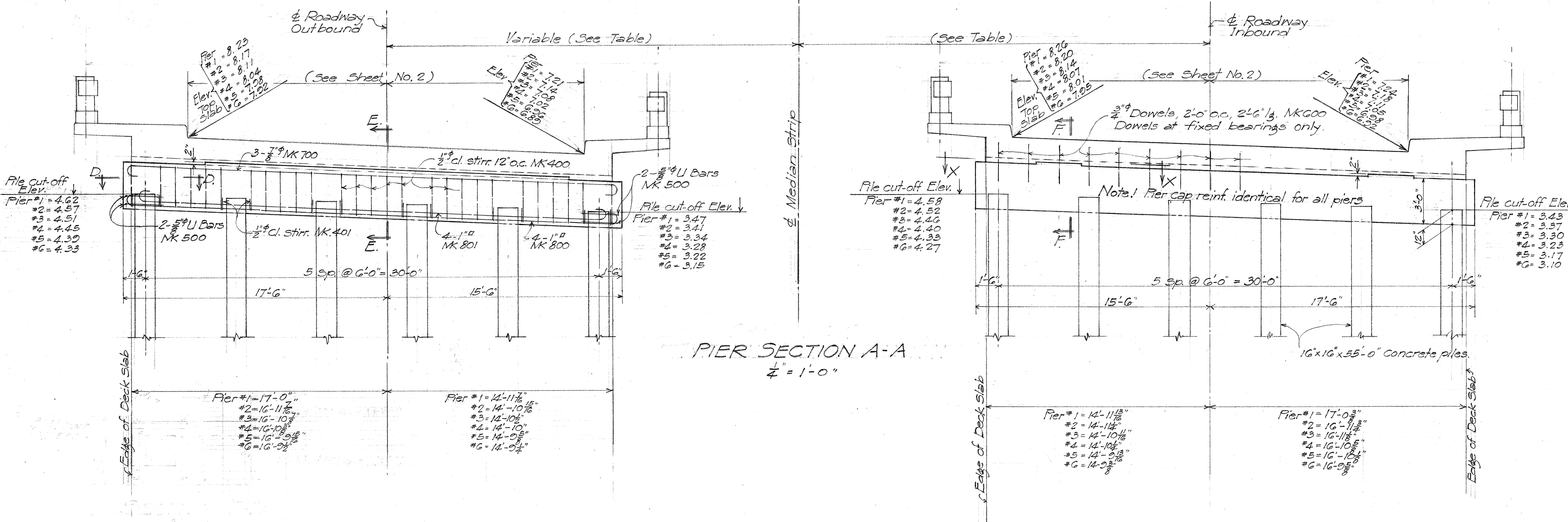
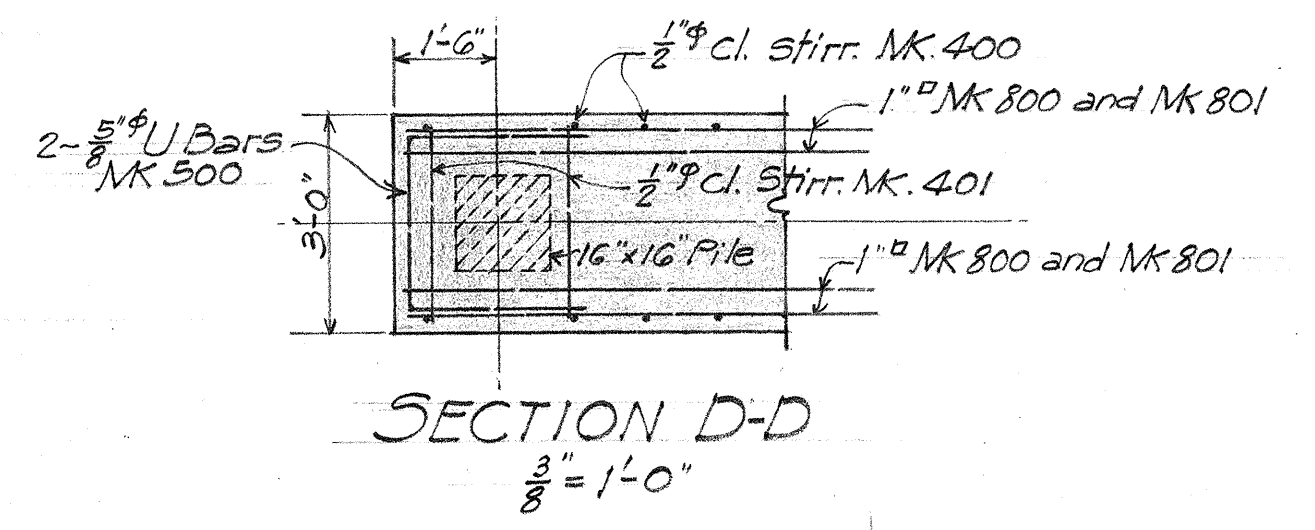
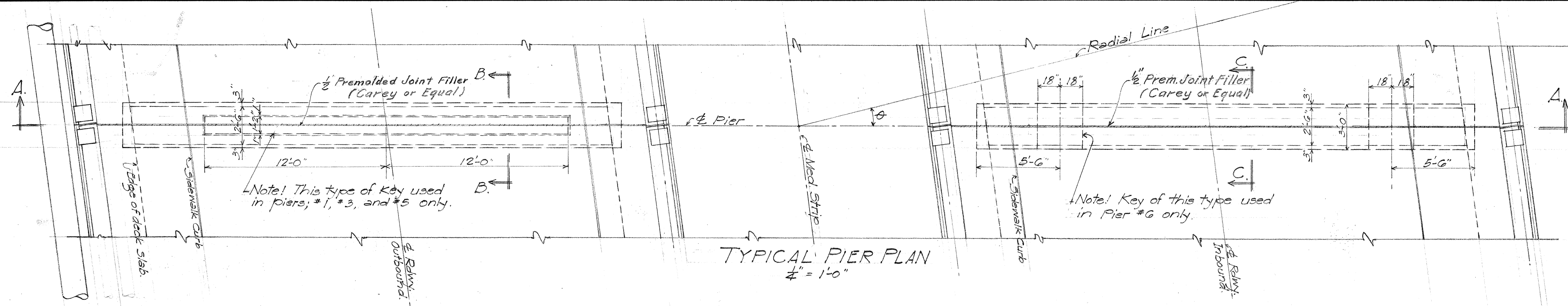
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KAPALAMA CANAL BRIDGE
Sta. 62+26.18 - Sta. 63+68.76
HONOLULU-PEARL HARBOR RD.-SN-A-F 44(4)

Aug. 1946.

SHEET No 3 OF 6 SHEETS

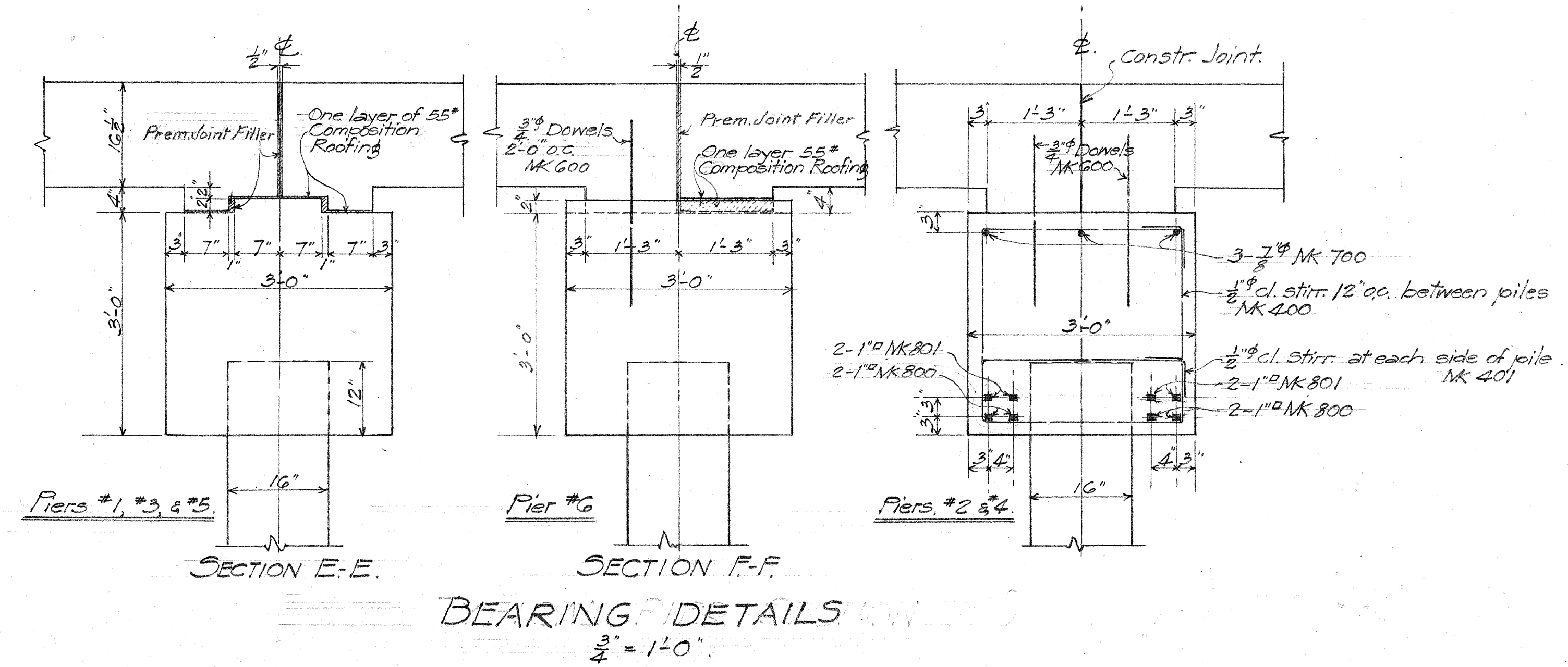
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5-10-48

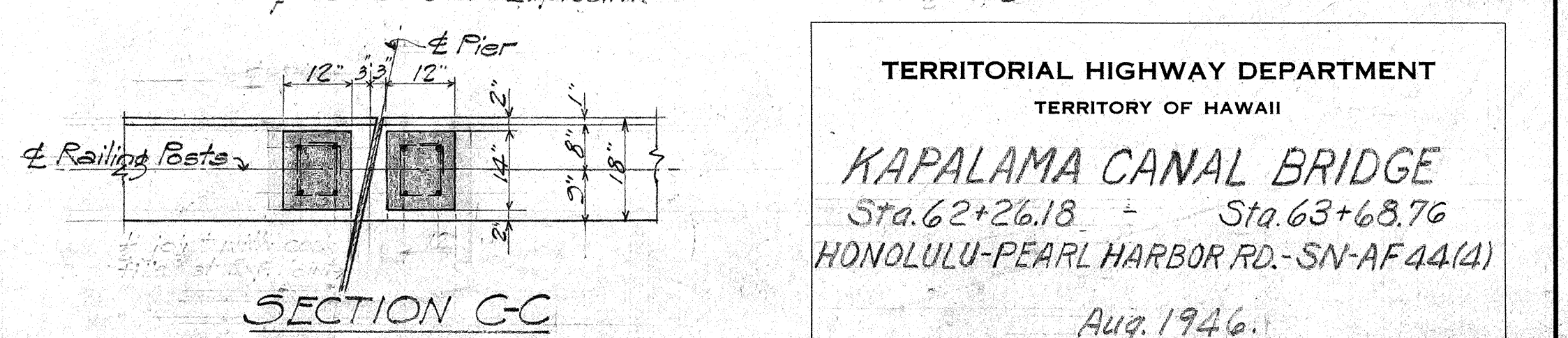
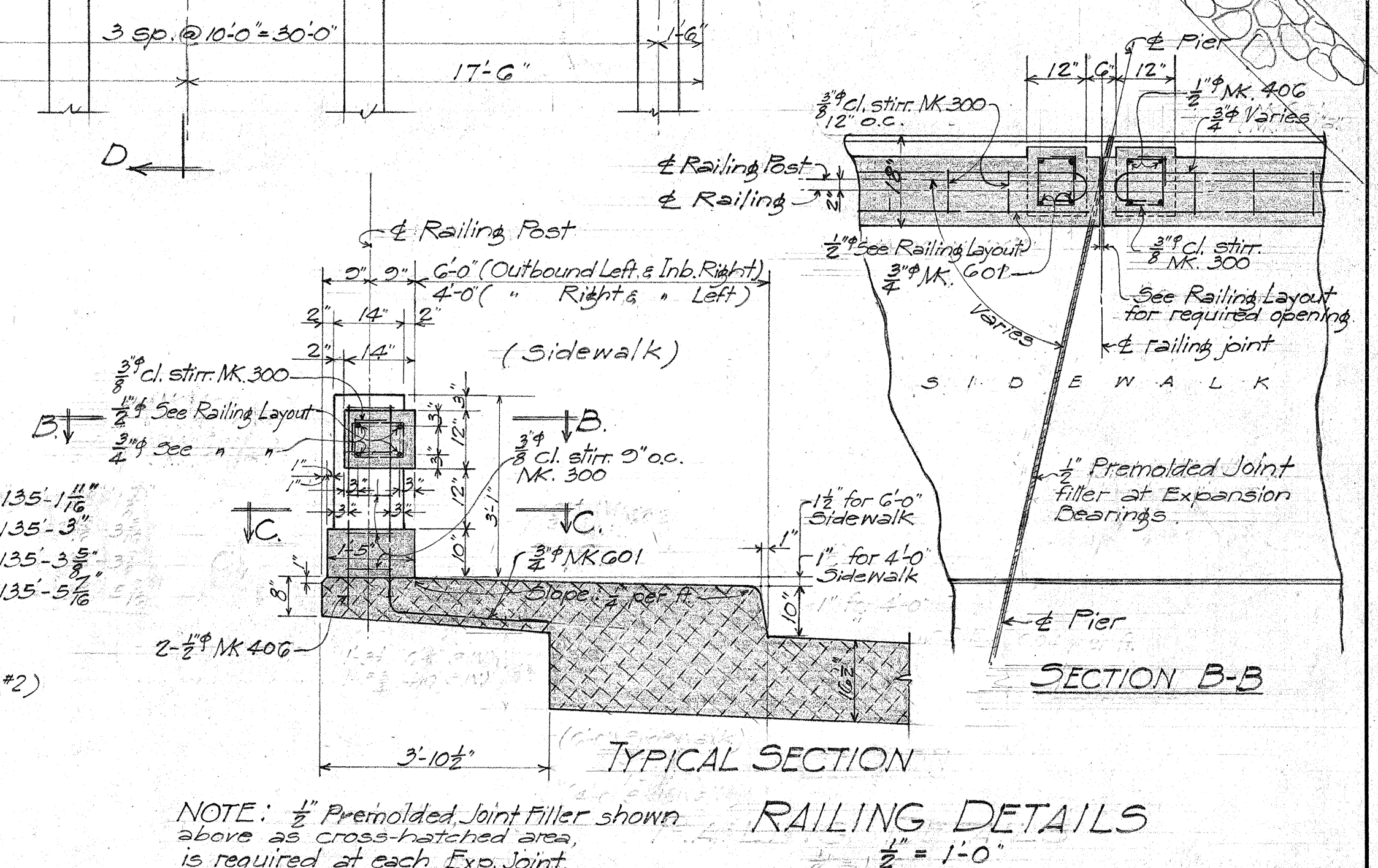
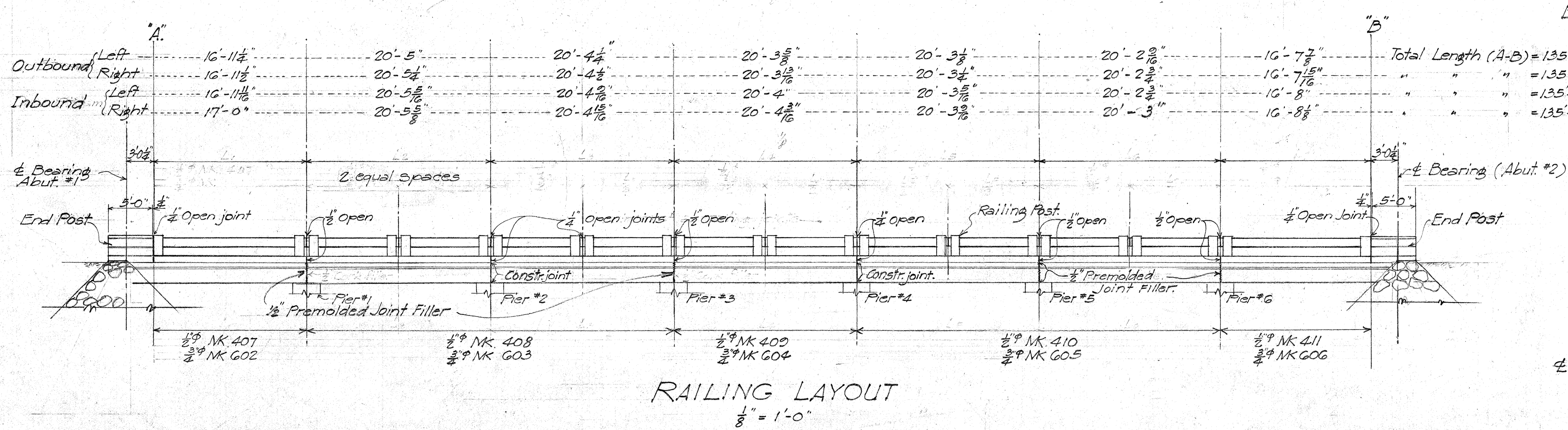
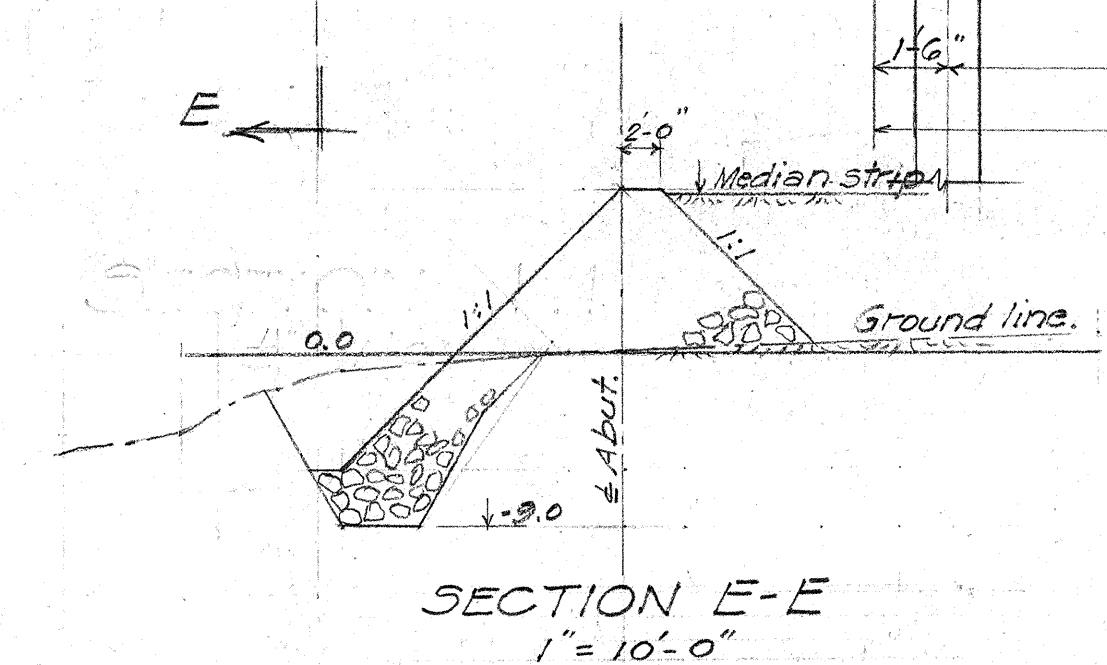
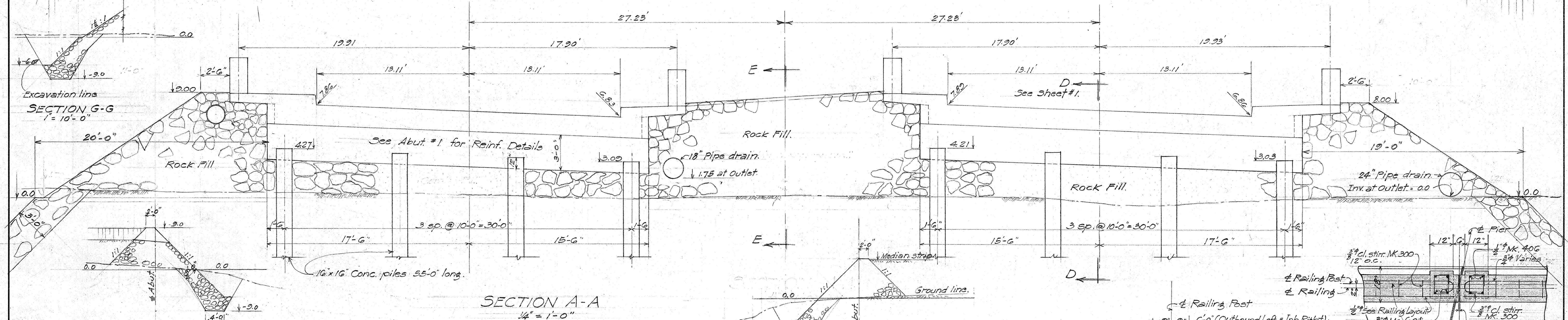
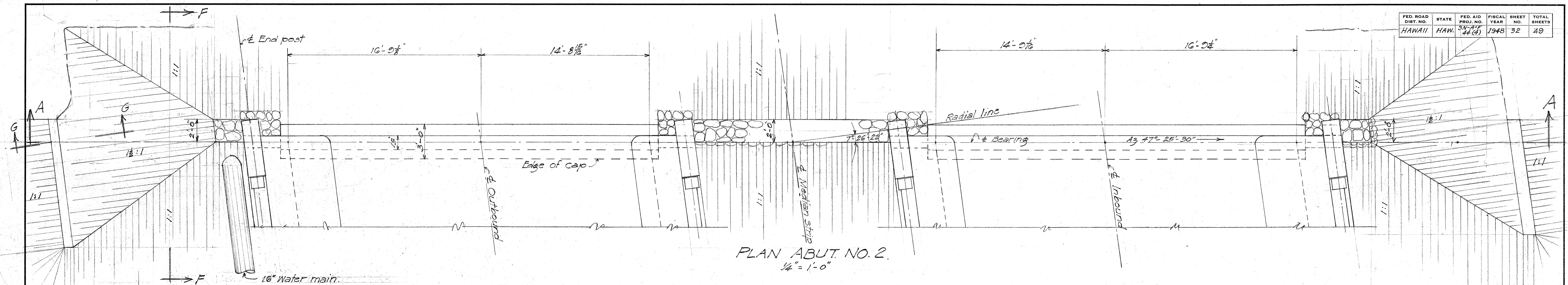


NOTE: Inserts to be Phosphor Bronze, conforming to A.S.T.M. serial designation-B 22-36T, or the latest revision thereof, and shall be class "D" grade. Required: 14 Special Inserts.

	Skew Dist. to Median Strip to & Railway Outbound Inbound		
Abut. #1	13'-05'-31"	27.71'	27.74'
Pier #1	12'-17'-33"	27.62'	27.65'
" #2	11'-28'-30"	27.54'	27.56'
" #3	10'-39'-35"	27.47'	27.48'
" #4	9'-50'-48"	27.40'	27.41'
" #5	9'-02'-09"	27.33'	27.35'
" #6	8'-13'-36"	27.28'	27.29'
Abut. #2	7'-26'-22"	27.23'	27.23'



TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
KAPALAMA CANAL BRIDGE
 Sta. 62+26.18 - Sta. 63+68.76
 HONOLULU-PEARL HARBOR RD. SN-AF44(6)
 Aug. 1946.
SHEET No 4 OF 6 SHEETS



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KAPALAMA CANAL BRIDGE
Sta. 62+26.18 - Sta. 63+68.76
HONOLULU-PEARL HARBOR RD.-SN-AF44(4)
Aug. 1946.

SURVEY PLOTTED BY: DATE: 1/1/48
DESIGNED BY: H. E. Castle
CHECKED BY: R. Schaeffer
QUANTITIES BY: G. C. C. C.
CHECKED BY: G. C. C. C.
ORIGINAL PLAN
NOTE BOOK
No.