

REVISION NOTE 9-12-51
Total number of untreated timber
piles corrected to conform to
Pile Layout Plan.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5223(2)	1950	17	30

CURVE DATA:
Δ = 60° 05' 00"
R = 30° 02' 30"
T = 809.65'
L = 1468.11'
R = 1400.0'
SE = 0.06

Design Data:
H20 - S16 - 4.4 loading
f_s = 20,000 $\frac{lb}{sq. in.}$
f_c = 1,000 $\frac{lb}{sq. in.}$
n = 10

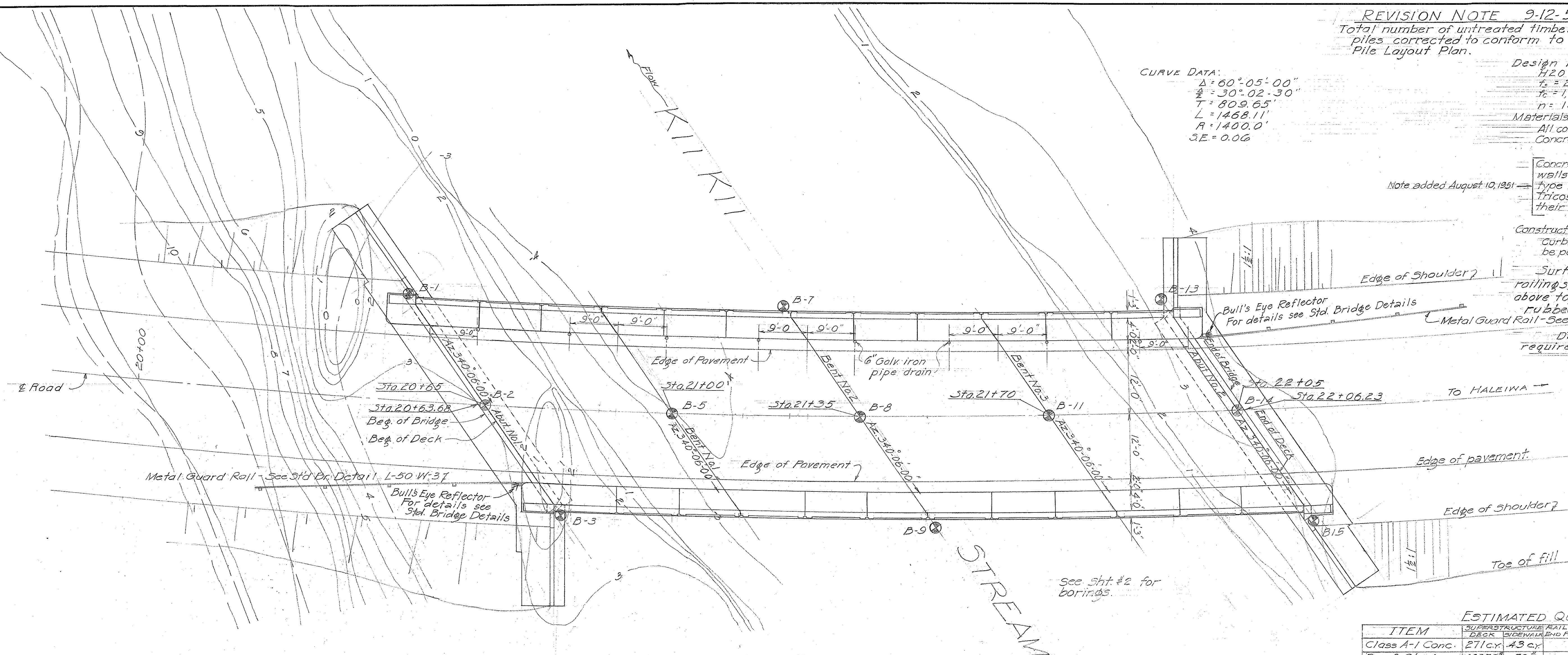
Materials -
All concrete except in piles - Class A-1
Concrete in piles - Class E-1

Note added August 10, 1951 -
Concrete in piles, abutments, and wing
walls including the footings shall have
type II cement and an admixture of either
Tricosol Normal or Concrete Sika or
their equals.

Construction Methods -
Curb, sidewalk, railing and railing posts shall
be poured after release of falsework.

Surface finish: All surfaces of
railings, railing posts and end posts
above top of sidewalk to have Class 2
rubbed finish.

Dampproofing: No dampproofing
required for surfaces of all footings.



LAYOUT PLAN
Scale 1" = 10'-0"

ESTIMATED QUANTITIES

ITEM	SUPERSTRUCTURE	RAIL & DECK	RAIL & DECK	RAIL & DECK	RAIL & DECK	TOTAL
Class A-1 Conc.	271 cy	43 cy	114 cy	102 cy	42 cy	572 cy
Reinf. Steel	69350'	70'	8607'	7817'	5360'	82,704'
Struct. Exc.	280 cy	240 cy				460 cy
Precast Conc. Piles						1700 Lin. Ft.
Untreated Timber Piles			1078	2700	3335	3335 Lin. Ft.
A.C. Pavement	32 Tons					32 Tons
Dampproofing						300 sq. ft.
Conc. Railing						300 Lin. Ft.

ITEMIZED CONC. PILE LIST

TYPE	No.	Lin. Ft.
16" x 16" x 50'-0"	10 Pcs.	500.0
16" x 16" x 55'-0"	10 Pcs.	550.0
16" x 16" x 65'-0"	10 Pcs.	650.0

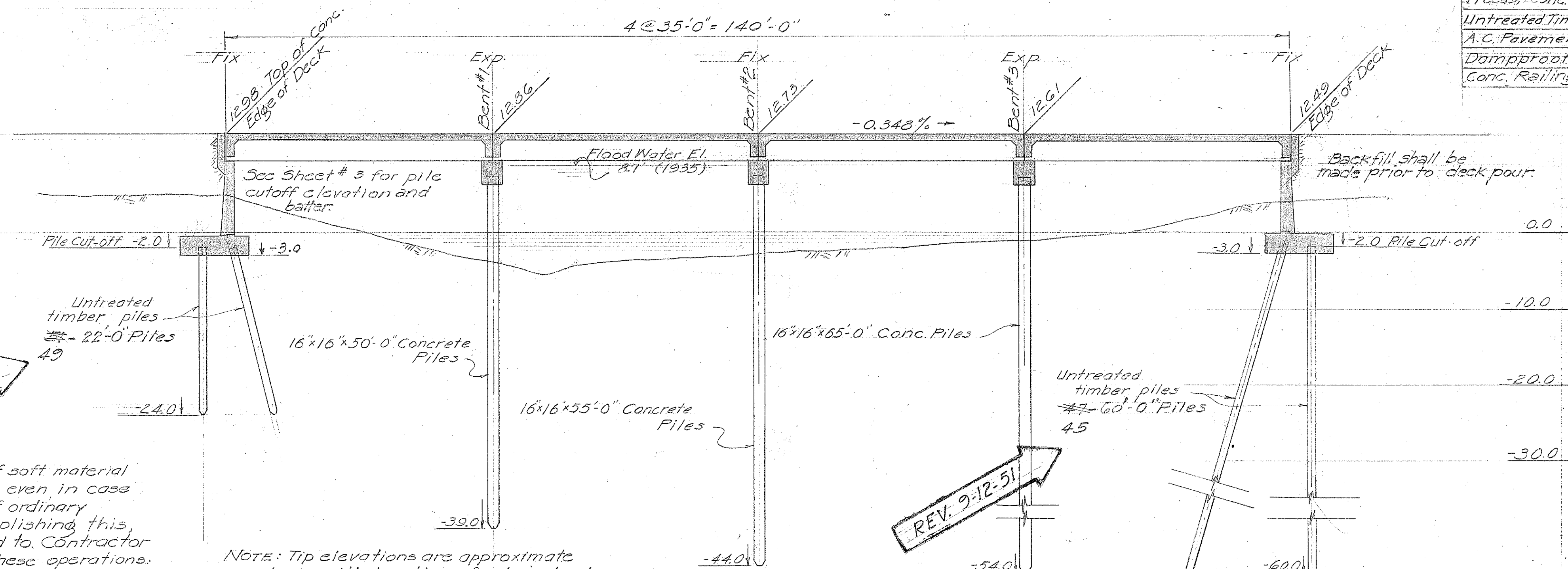
REIN. STEEL DESIGNATION	OLD	NEW
3/8"	3/8"	3/8"
1/2"	1/2"	1/2"
5/8"	5/8"	5/8"
3/4"	3/4"	3/4"
7/8"	7/8"	7/8"
1"	1"	1"
1 1/8"	1 1/8"	1 1/8"
1 1/4"	1 1/4"	1 1/4"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

KIIKII BRIDGE
Sta 20+63.68 to Sta. 22+06.23
HALEIWA ROAD CUT-OFF 5223(2)
OCTOBER 1950

SHEET NO. 1 OF 8 SHEETS

5425.17

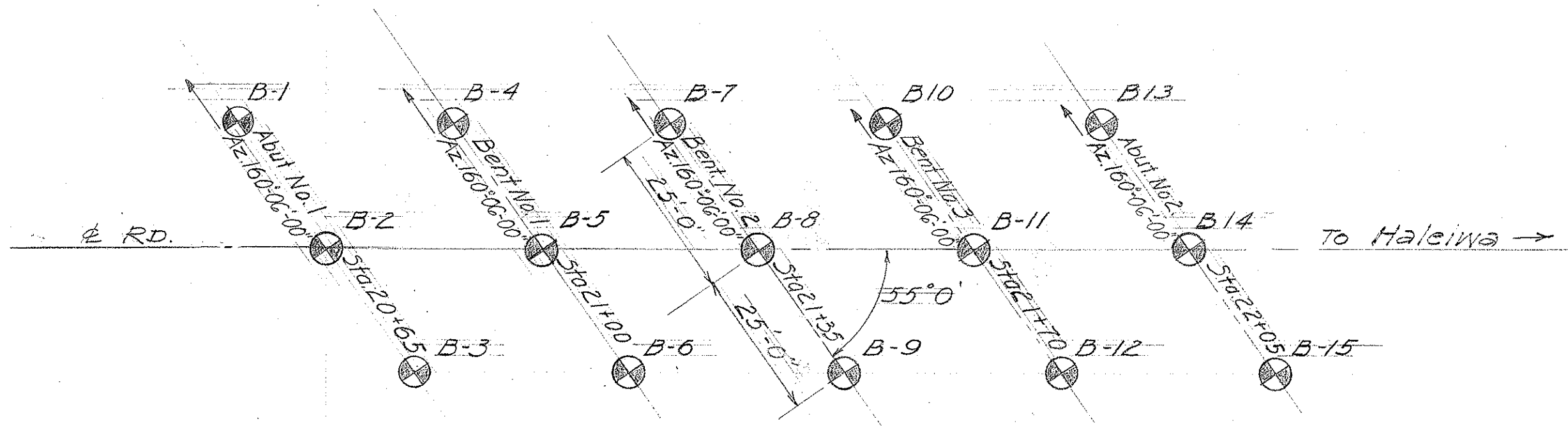


SECTION ALONG & OF BRIDGE
Scale 1" = 10'-0"

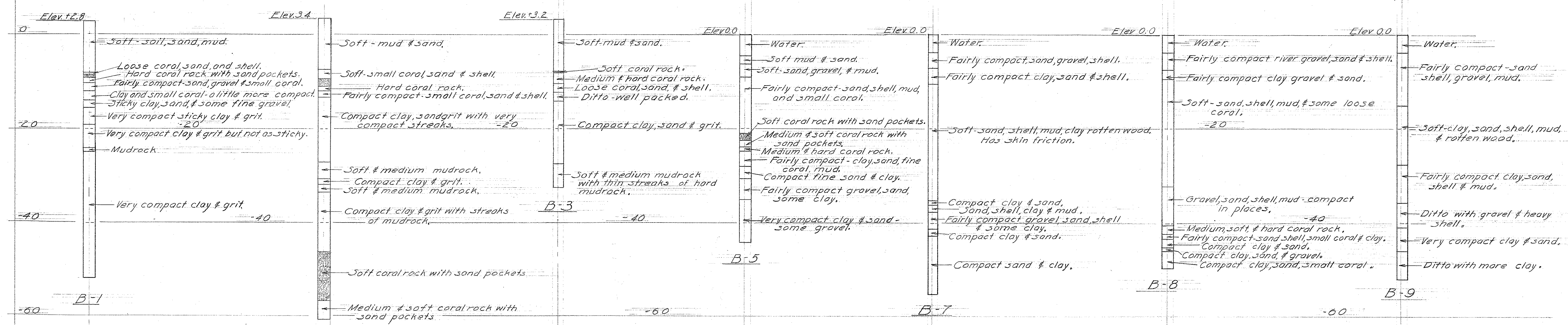
NOTE: All Piles must penetrate the layers of soft material and be driven into the underlying hard strata even in case of refusal in the upper compact material. If ordinary driving methods are not effective in accomplishing this, jettisoning or drilling will have to be resorted to. Contractor shall make all necessary preparations for these operations.

NOTE: Tip elevations are approximate and vary with location of pile in bent.

DESIGNED BY: [Name]
CHECKED BY: [Name]
DATE: 9-12-51



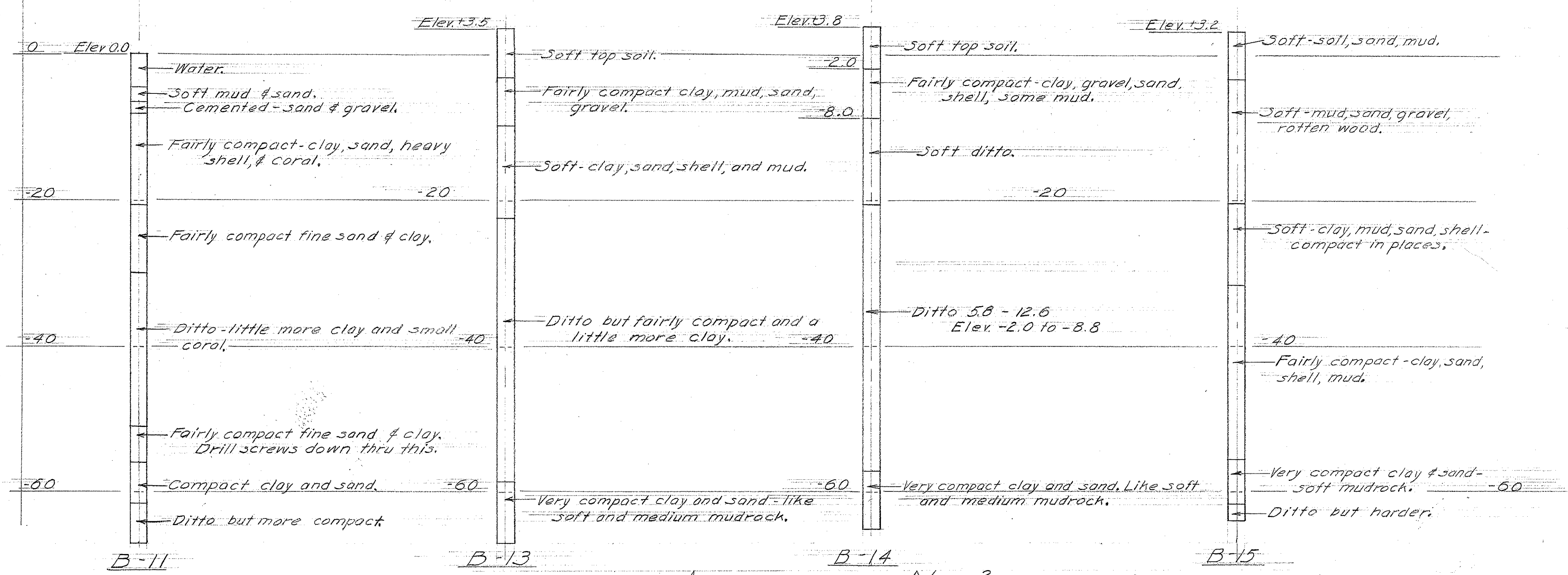
BORING PLAN - KIIKII BRIDGE
Scale: 1" = 20'-0"



ABUTMENT No. 1

BENT No. 1

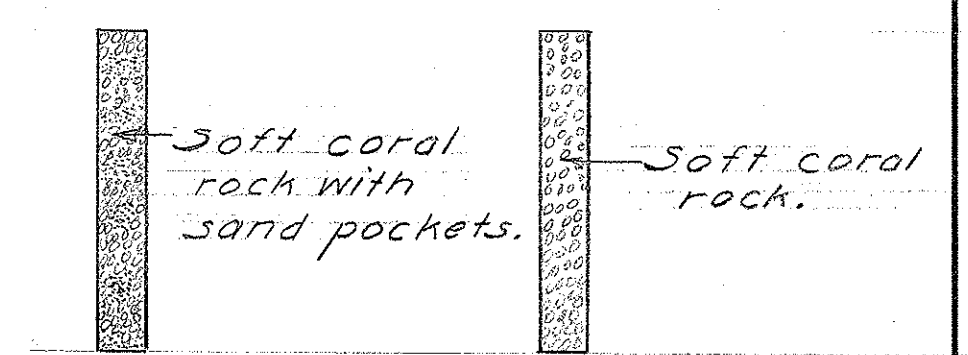
BENT No. 2



BENT No. 3

ABUTMENT No. 2

BORING DATA - KIIKII BRIDGE
Scale: 1" = 10'-0" (Vertical)



BORING LEGEND

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KIIKII BRIDGE
Sta. 20+63.68 to Sta. 22+06.23
HALEIWA ROAD CUT-OFF 5223(2)
OCTOBER 1950

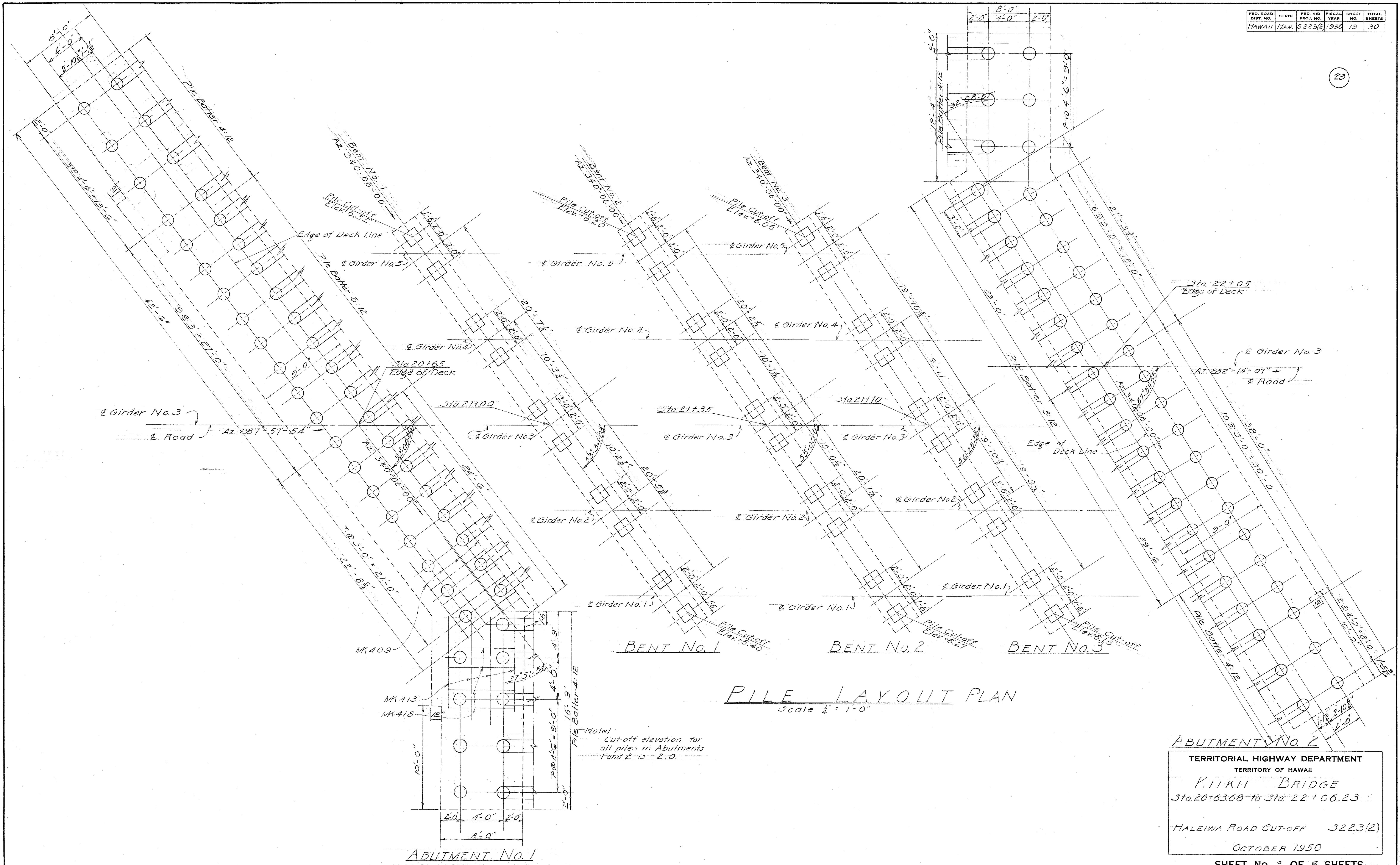
SHEET No. 2 OF 8 SHEETS

5425.18

SURVEY PLOTTED BY: DATE: 02/1950
DESIGNED BY: E. J. J. J. J.
TRACED BY: J. J. J. J. J.
QUANTITIES BY: J. J. J. J. J.
CHECKED BY: J. J. J. J. J.
NOTE BOOK No.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5223(2)	1950	19	30

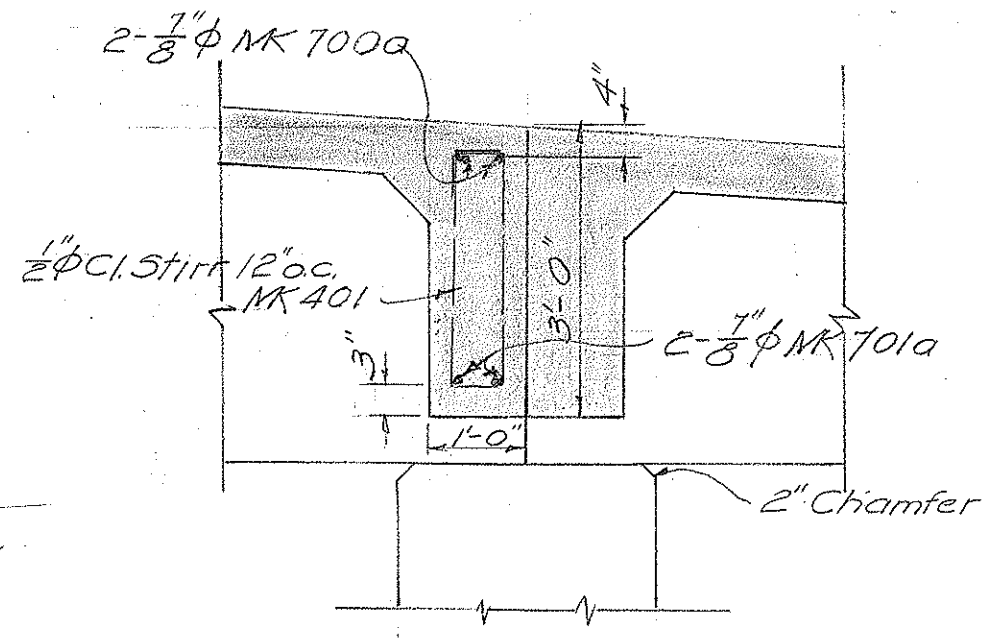
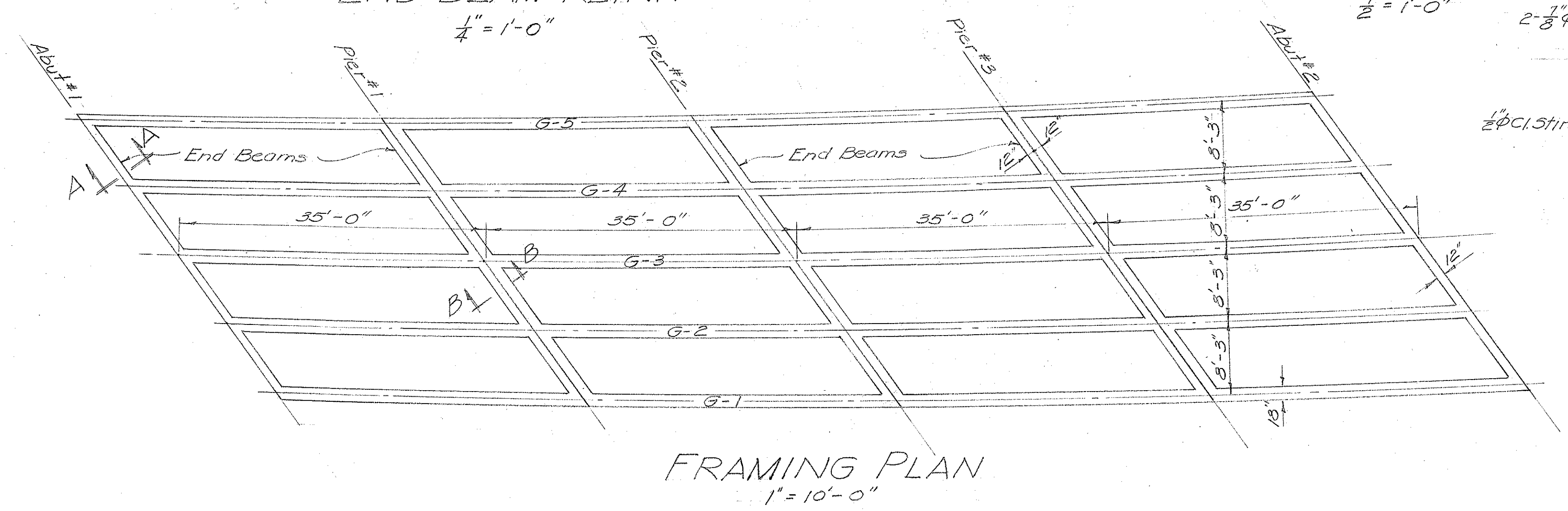
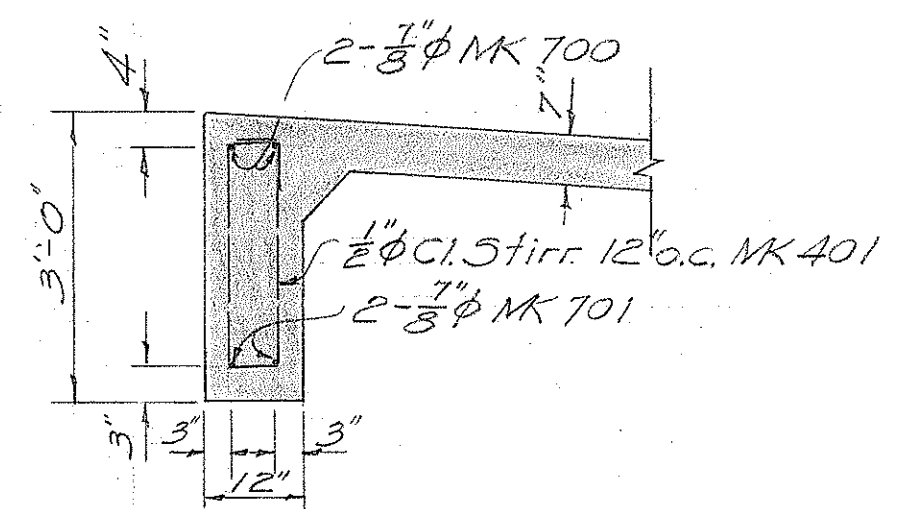
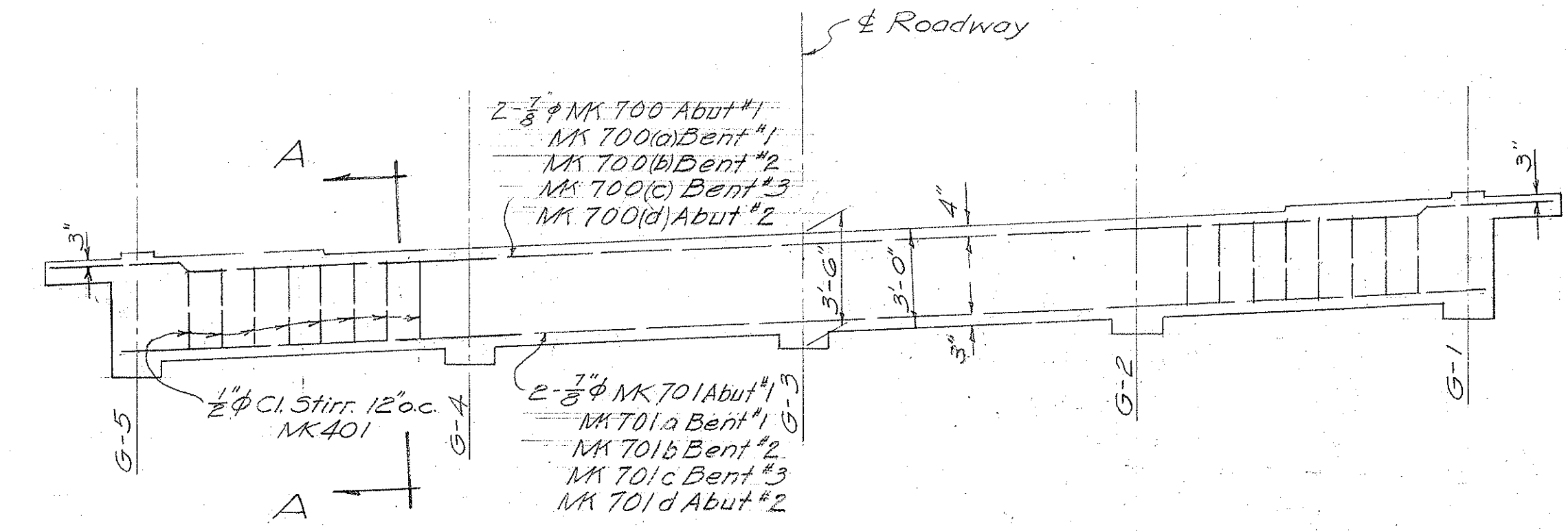
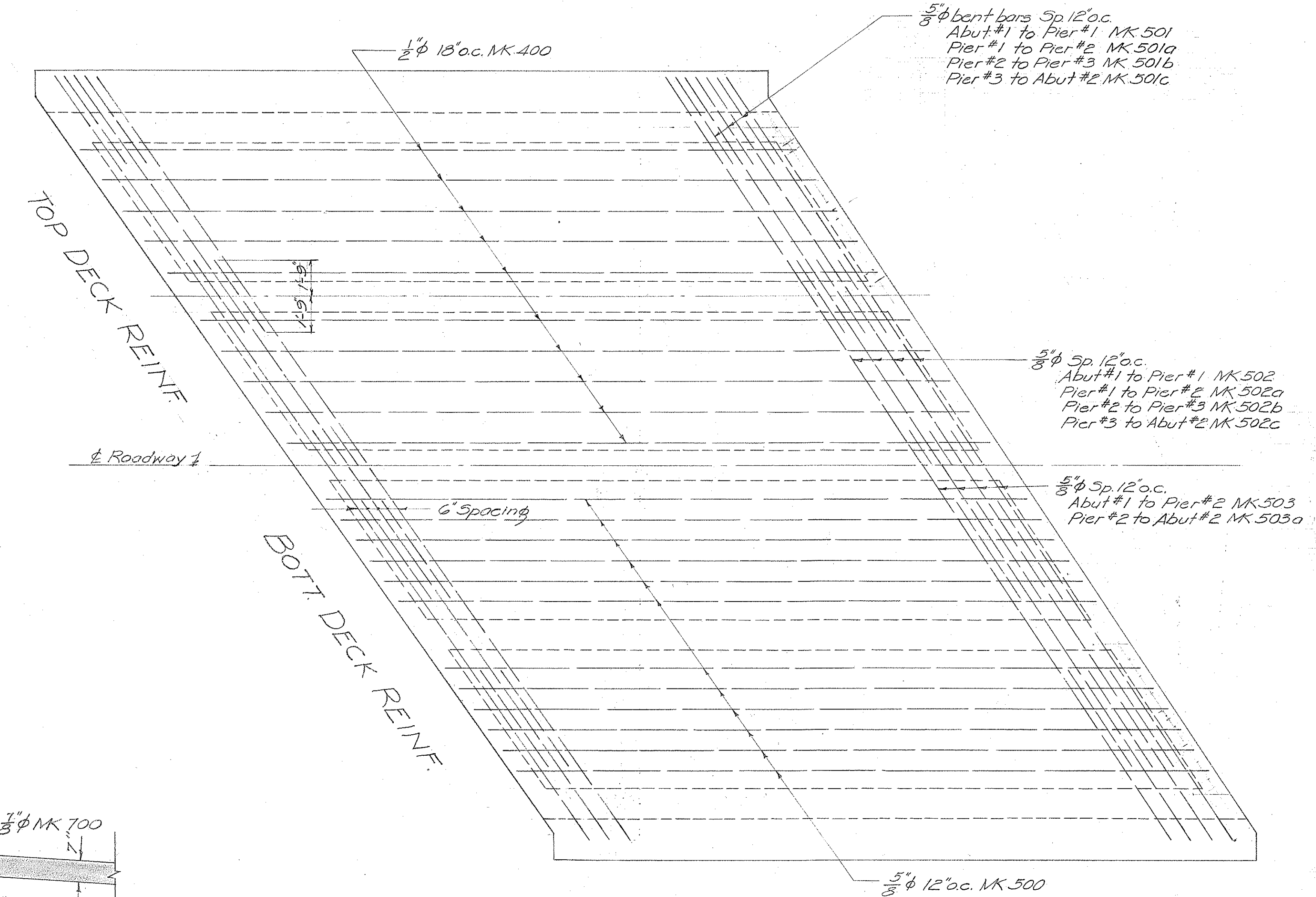
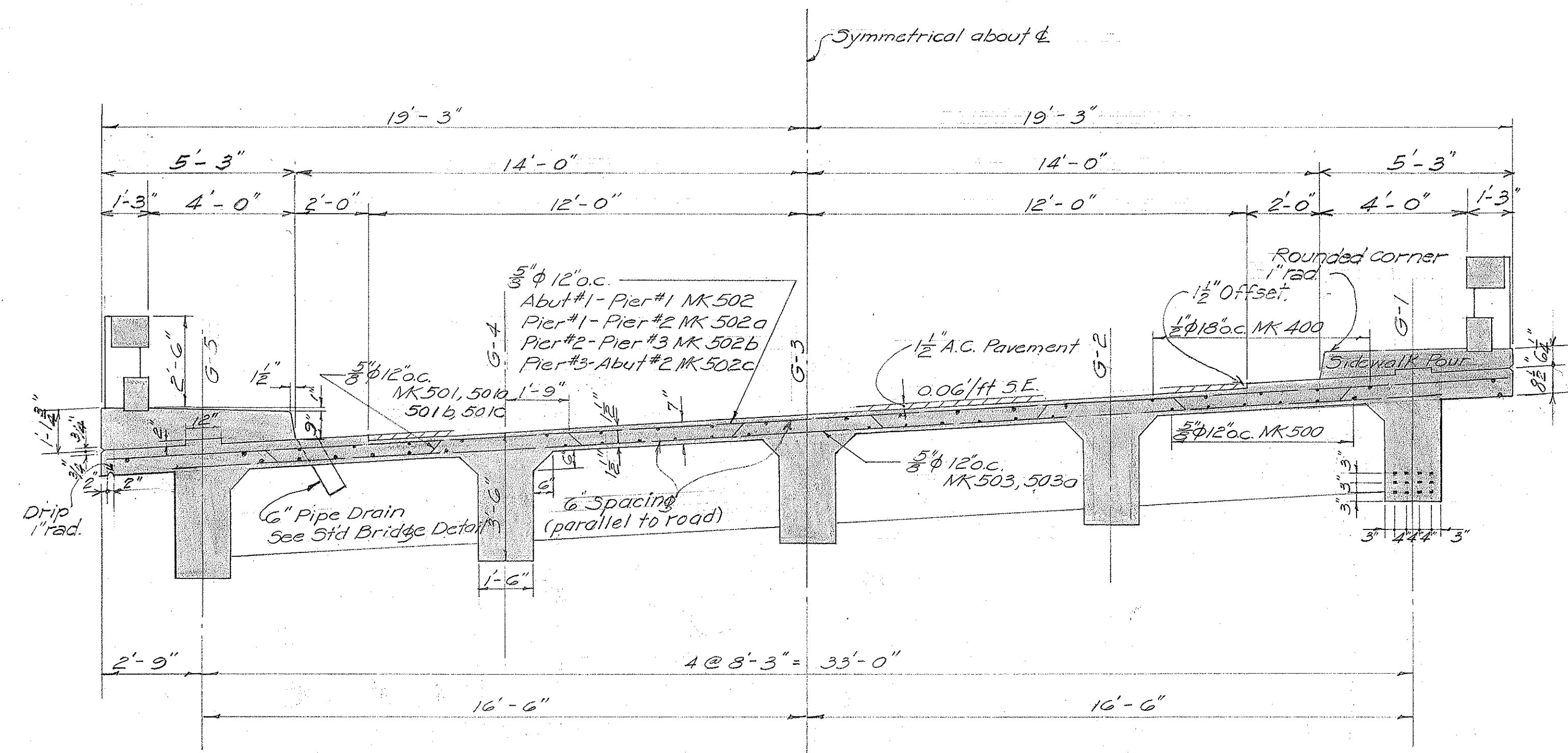
23



ABUTMENT NO. 2
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KIIIKII BRIDGE
Sta. 20+63.68 to Sta. 22+06.23
HALEIWA ROAD CUT-OFF 5223(2)
OCTOBER 1950
SHEET NO. 3 OF 8 SHEETS

5425.19

ORIGINAL
DESIGNED BY
TRACED BY
QUANTITIES BY
CHECKED BY
DATE
02/19/50
NOTED
10/19/50
NO. 1097 24x36, N.Y.

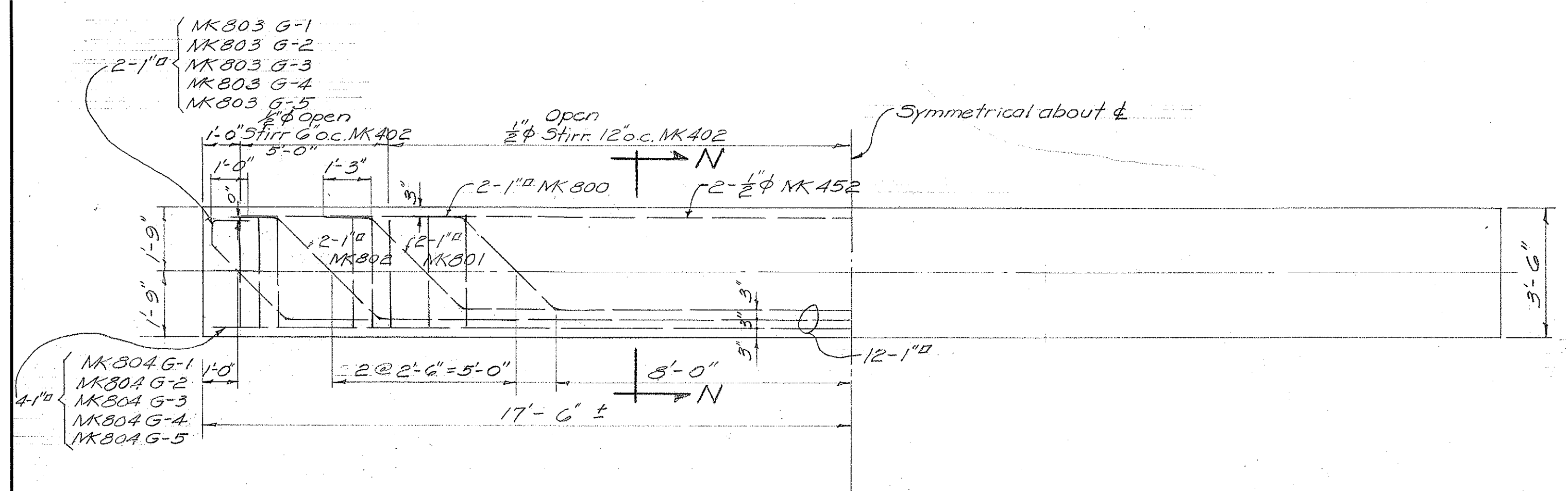


GIRDER LENGTHS				
Girder	Span #1	Span #2	Span #3	Span #4
G-1	34'-9 1/4"	34'-9 9/16"	34'-9 5/8"	34'-10 1/16"
G-2	34'-10 1/16"	34'-10 3/4"	34'-10 13/16"	34'-11"
G-3	35'-00"	35'-00"	35'-00"	35'-00"
G-4	35'-1 7/16"	35'-1 3/8"	35'-1 3/8"	35'-1 1/16"
G-5	35'-3"	35'-2 5/8"	35'-2 5/16"	35'-2 5/16"

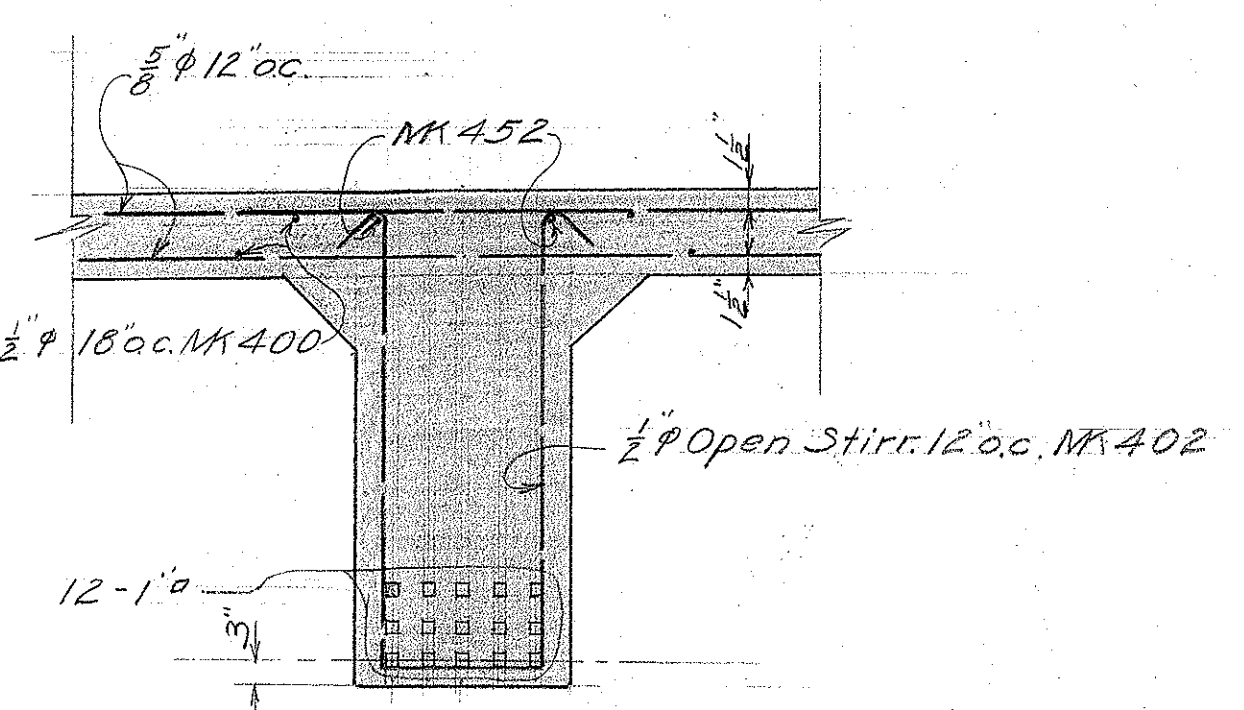
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KIIKII BRIDGE
Sta. 20 + 63.68 to Sta. 22 + 06.23
HALEIWA ROAD CUT-OFF 5223(2)
OCTOBER 1950
SHEET No. 4 OF 8 SHEETS

5425.20

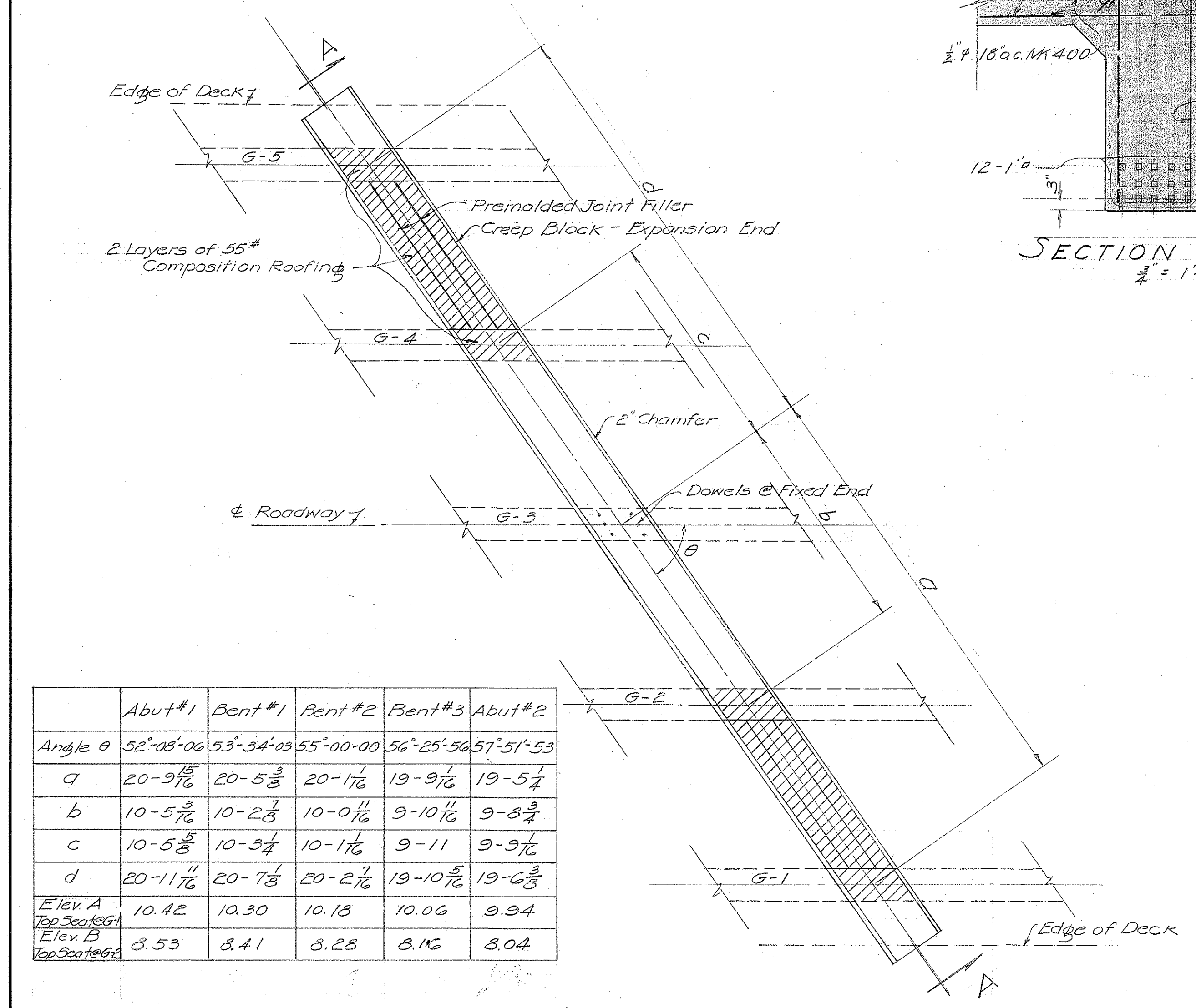
SURVEY PLOTTED BY: DATE: DESIGNED BY: N. S. HASTINGS: OCT 1950 TRACED BY: N. S. HASTINGS: OCT 1950 QUANTITIES BY: S. J. YOUNG: NOV 1950 CHECKED BY: S. J. YOUNG: NOV 1950



TYPICAL GIRDER REINF.
3/4" = 1'-0"

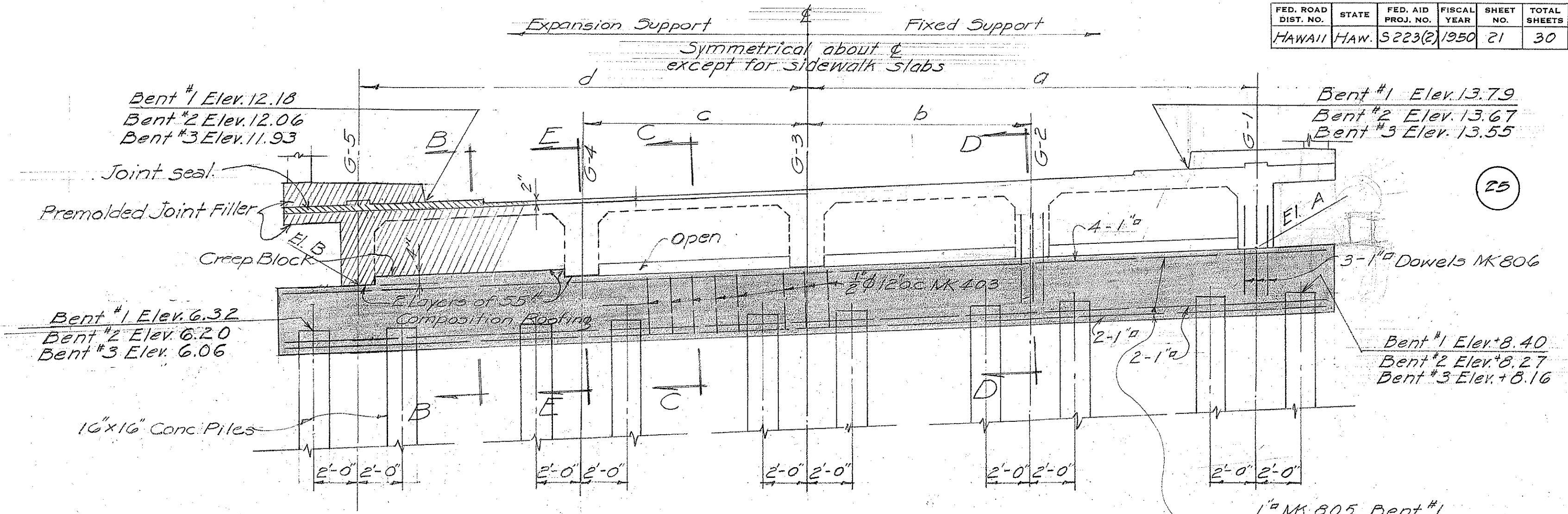


SECTION N-N
3/4" = 1'-0"

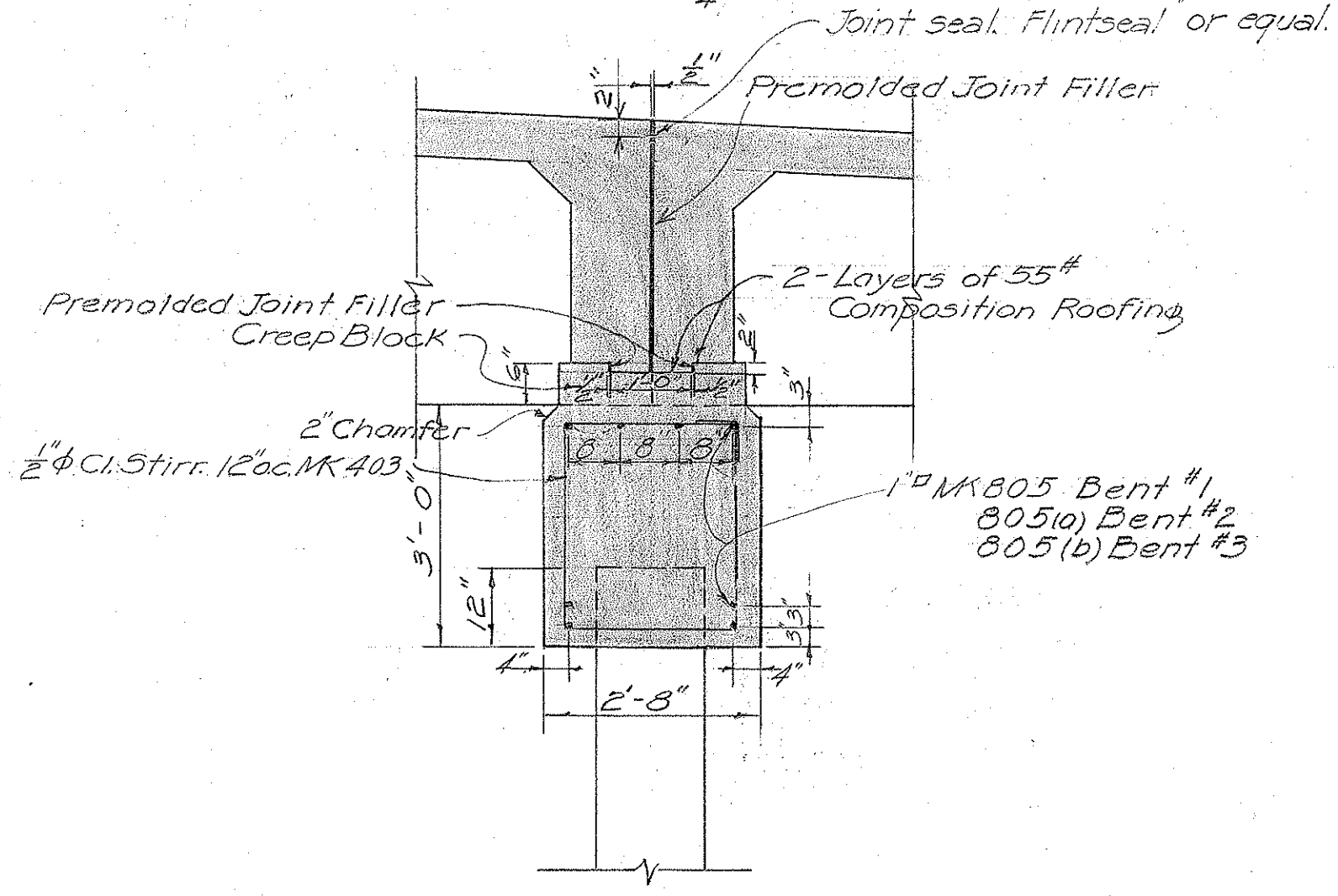


TYPICAL PLAN OF BENT
1/4" = 1'-0"

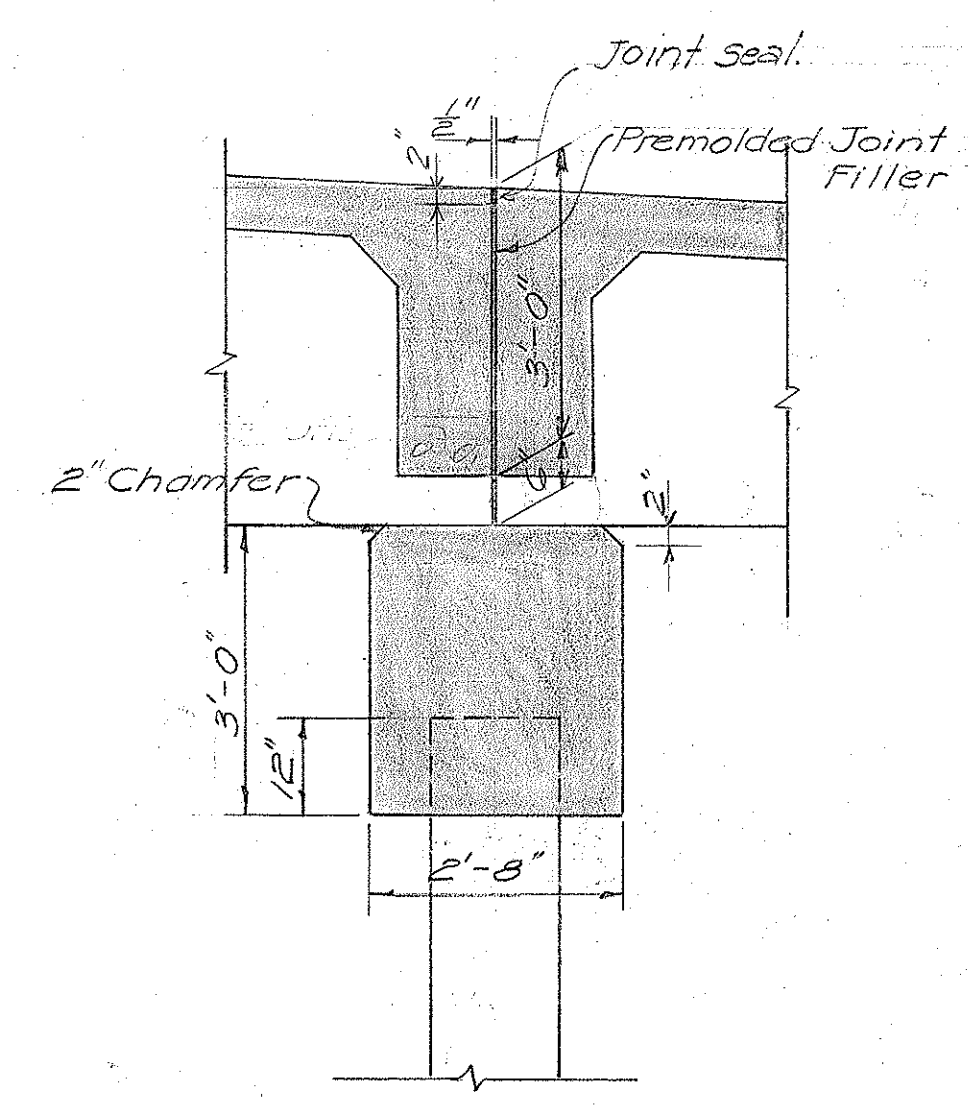
	Abut#1	Bent#1	Bent#2	Bent#3	Abut#2
Angle θ	52°-05'-00"	53°-34'-03"	55°-00'-00"	56°-25'-56"	57°-51'-53"
a	20-3 1/16	20-5 3/8	20-1 1/16	19-9 1/16	19-5 1/4
b	10-5 3/8	10-2 3/8	10-0 1/16	9-10 1/16	9-8 3/4
c	10-5 3/8	10-3 1/4	10-1 1/16	9-11	9-9 1/16
d	20-11 1/16	20-7 1/8	20-2 1/16	19-10 5/16	19-6 3/8
Elev. A Top Seat (85)	10.42	10.30	10.13	10.06	9.94
Elev. B Top Seat (85)	8.53	8.41	8.23	8.16	8.04



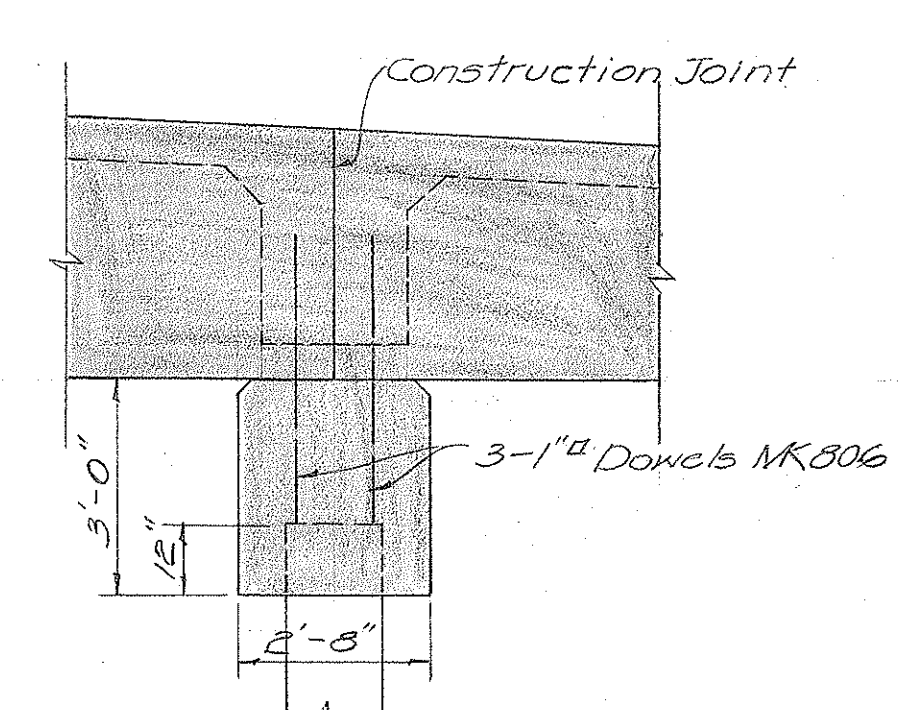
SECTION A-A
1/4" = 1'-0"



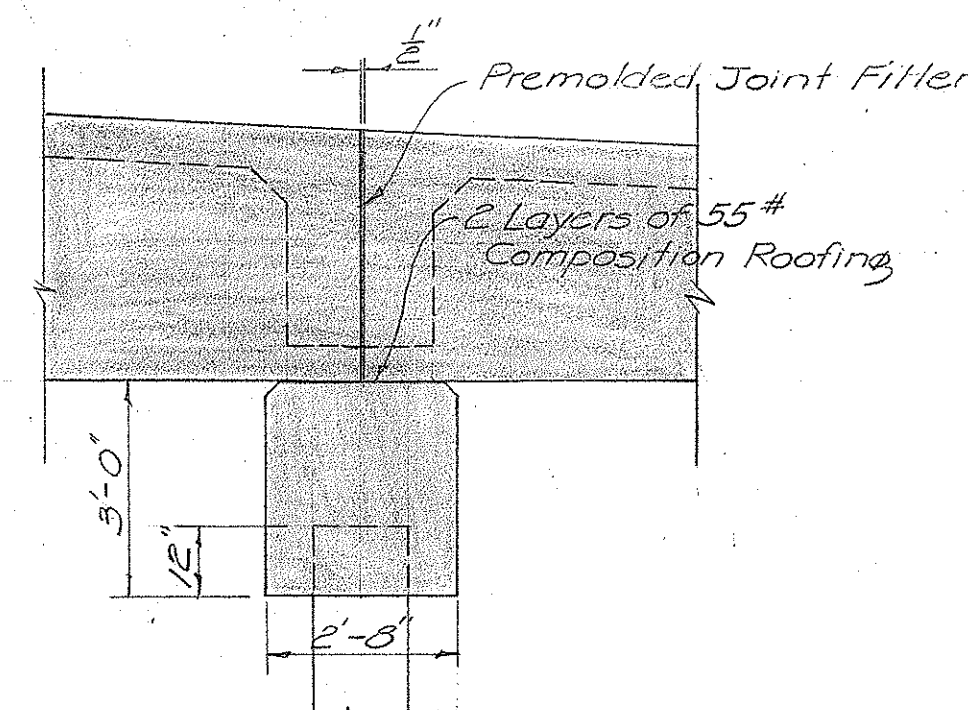
EXPANSION JOINT
SECTION B-B
1/2" = 1'-0"



SECTION C-C
1/2" = 1'-0"

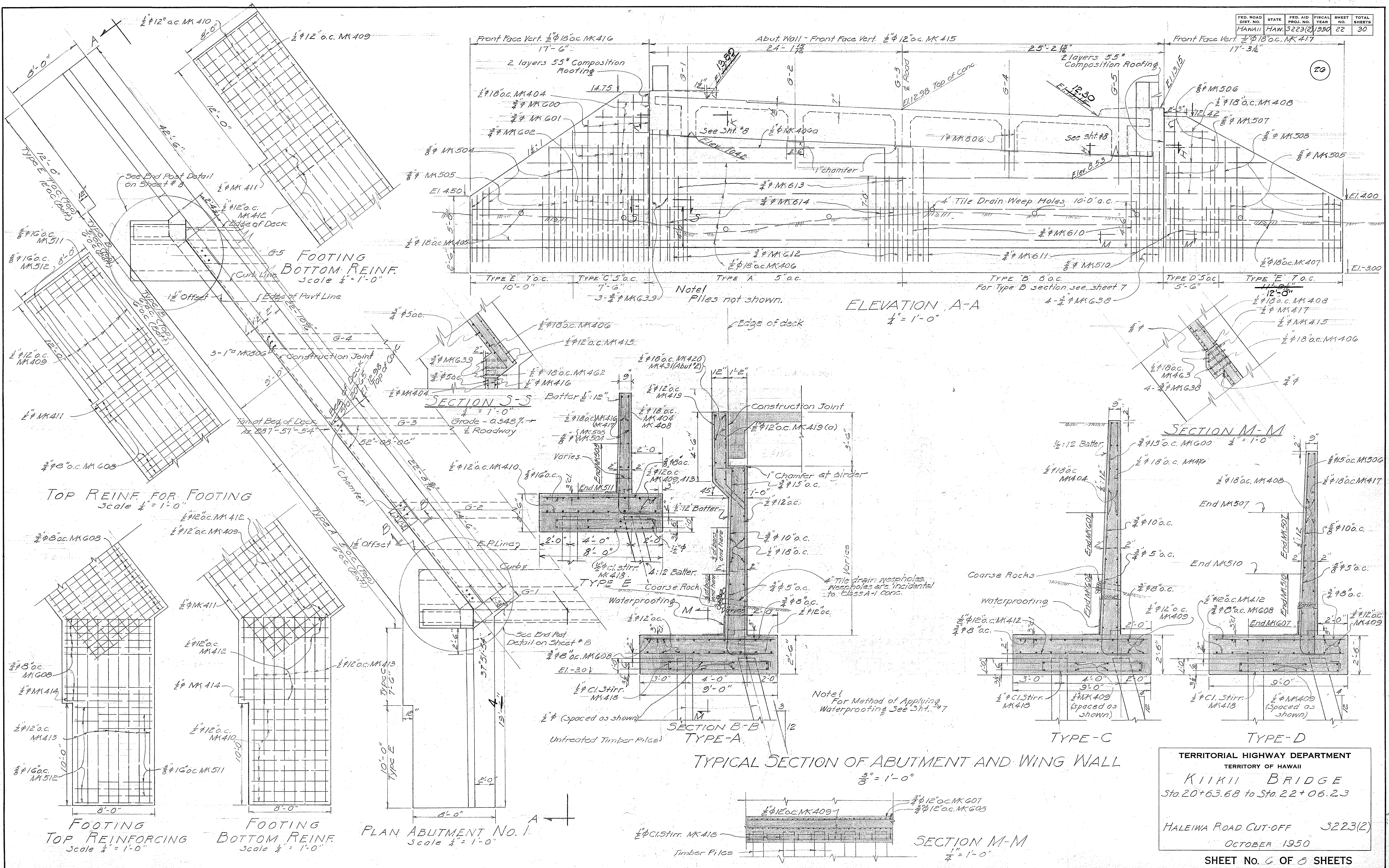


FIXED JOINT
SECTION D-D
3/8" = 1'-0"



SECTION E-E
3/8" = 1'-0"

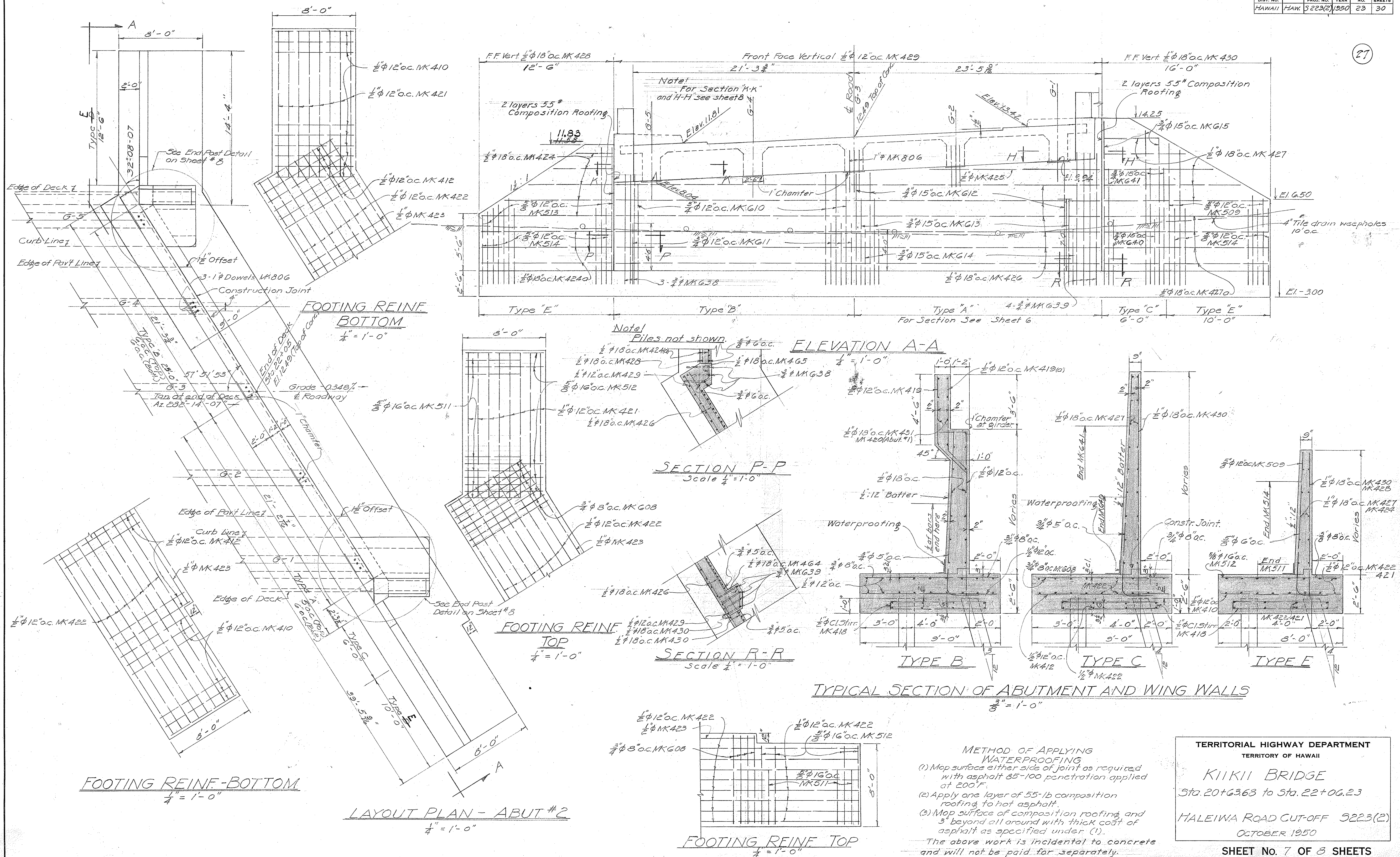
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KIIKII BRIDGE
Sta 20+63.78 to Sta. 22+06.22
HALEIWA ROAD CUT-OFF S223(2)
OCTOBER 1950
SHEET NO. 5 OF 8 SHEETS



DESIGNED BY M. R. BARTON
CHECKED BY M. R. BARTON
DATE 10/1/50
NOTED BY M. R. BARTON
DATE 10/1/50
QUANTITIES BY S. T. LING
CHECKED BY M. R. BARTON
DATE 10/1/50
ORIGINAL PLAN
NOTE BOOK
No.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KIIKII BRIDGE
Sta. 20+63.68 to Sta. 22+06.23
HALEIWA ROAD CUT-OFF 5223(2)
OCTOBER 1950
SHEET NO. 6 OF 8 SHEETS

5425.22



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

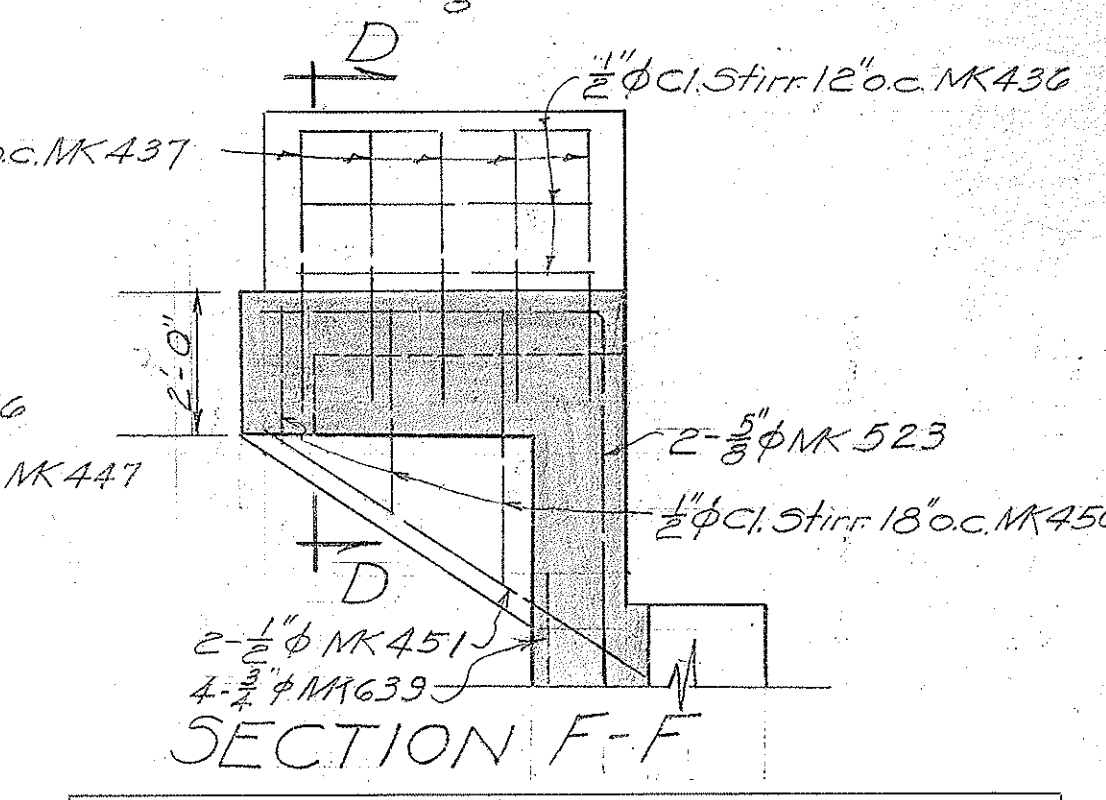
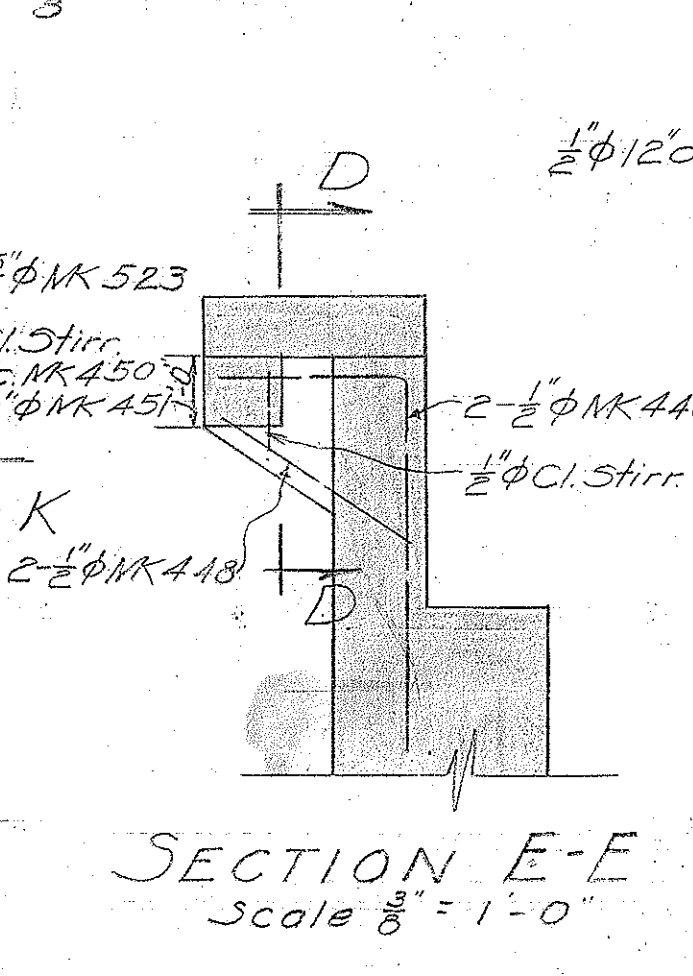
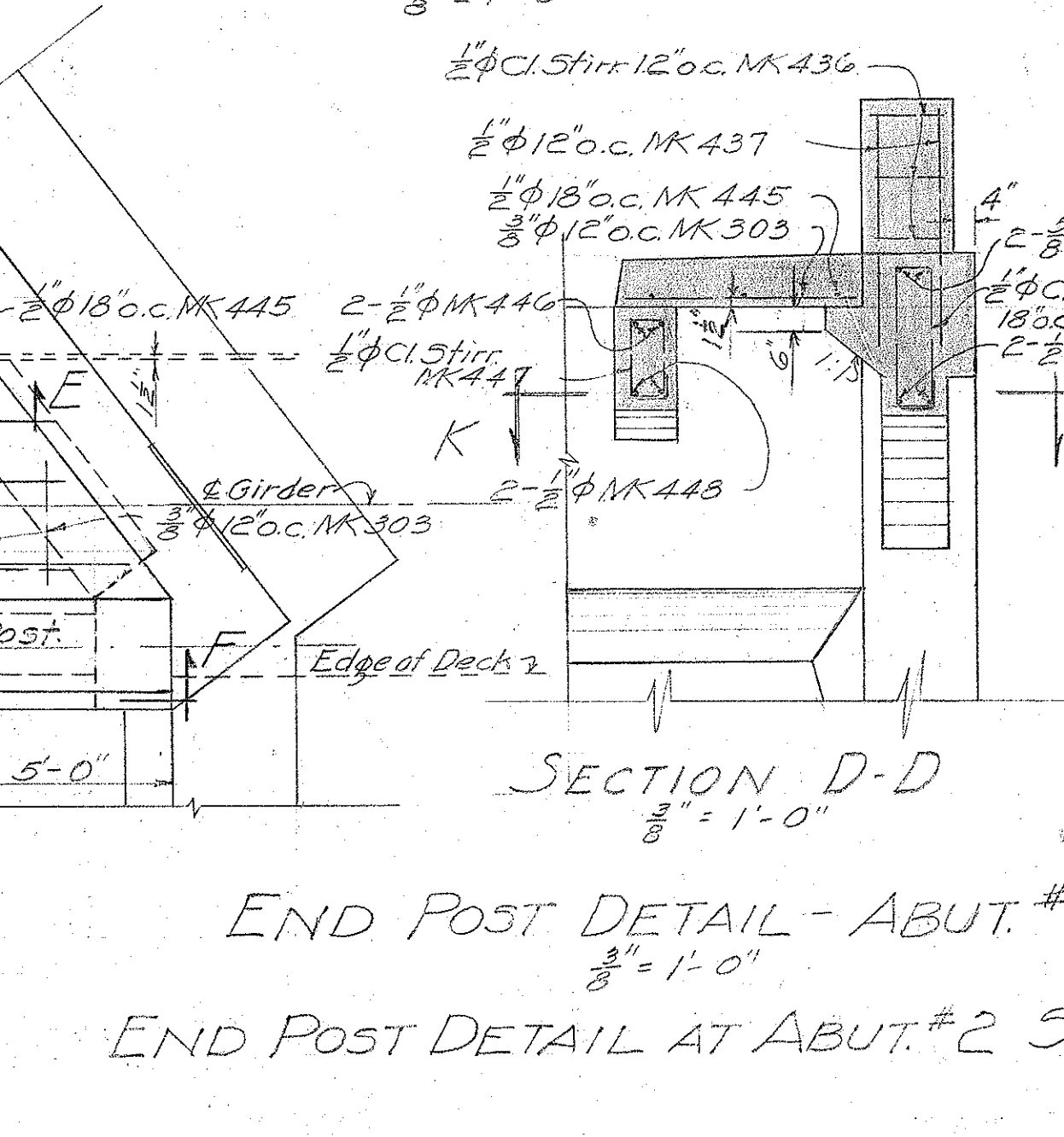
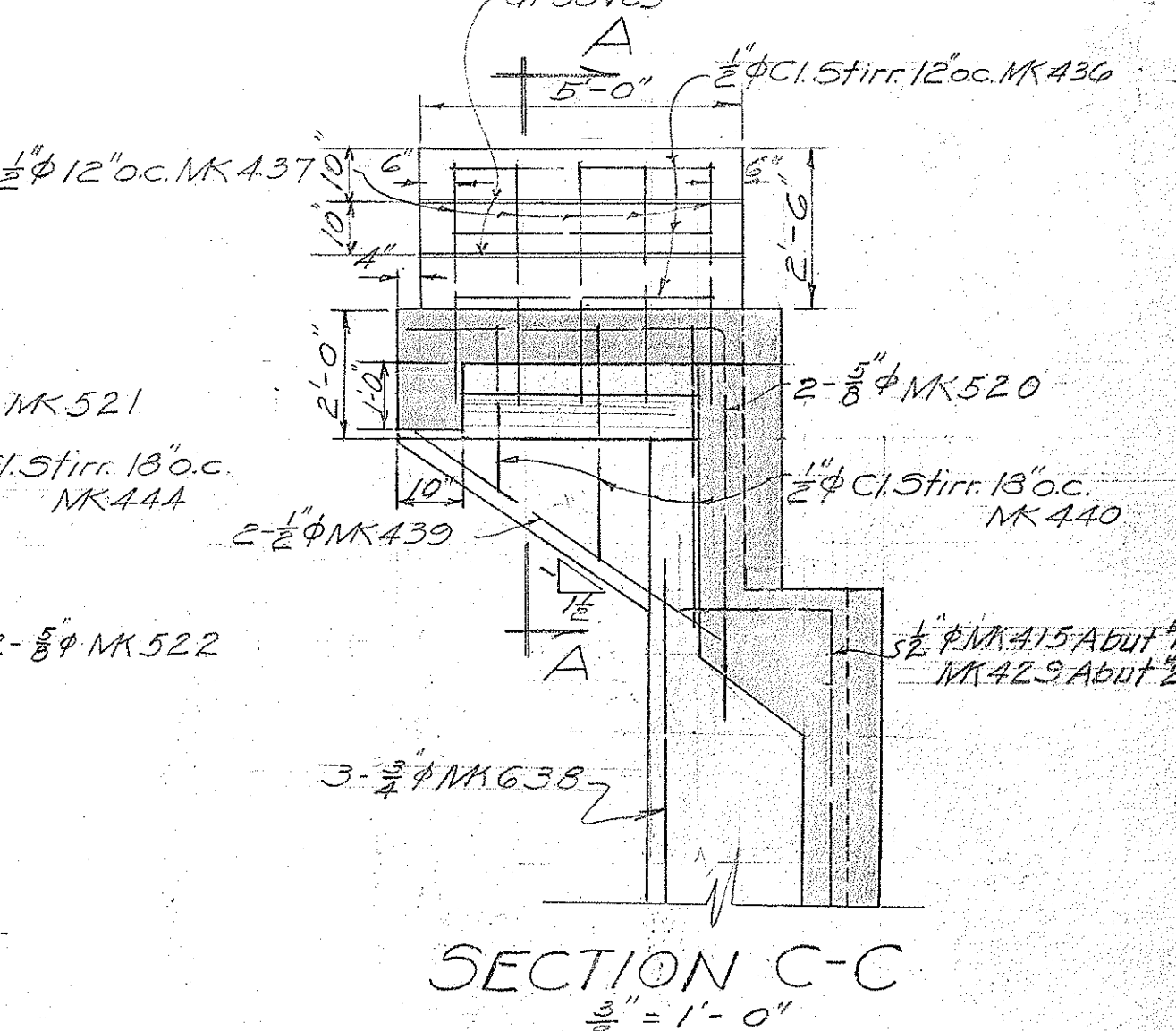
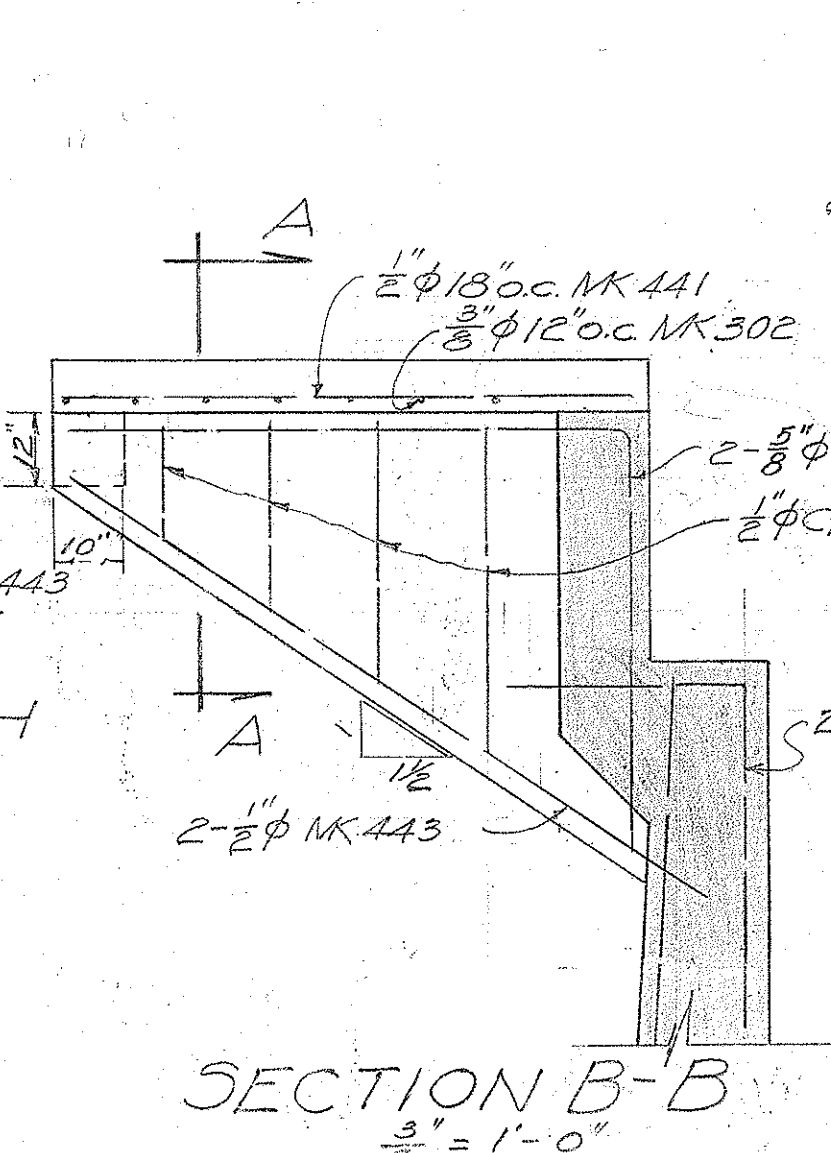
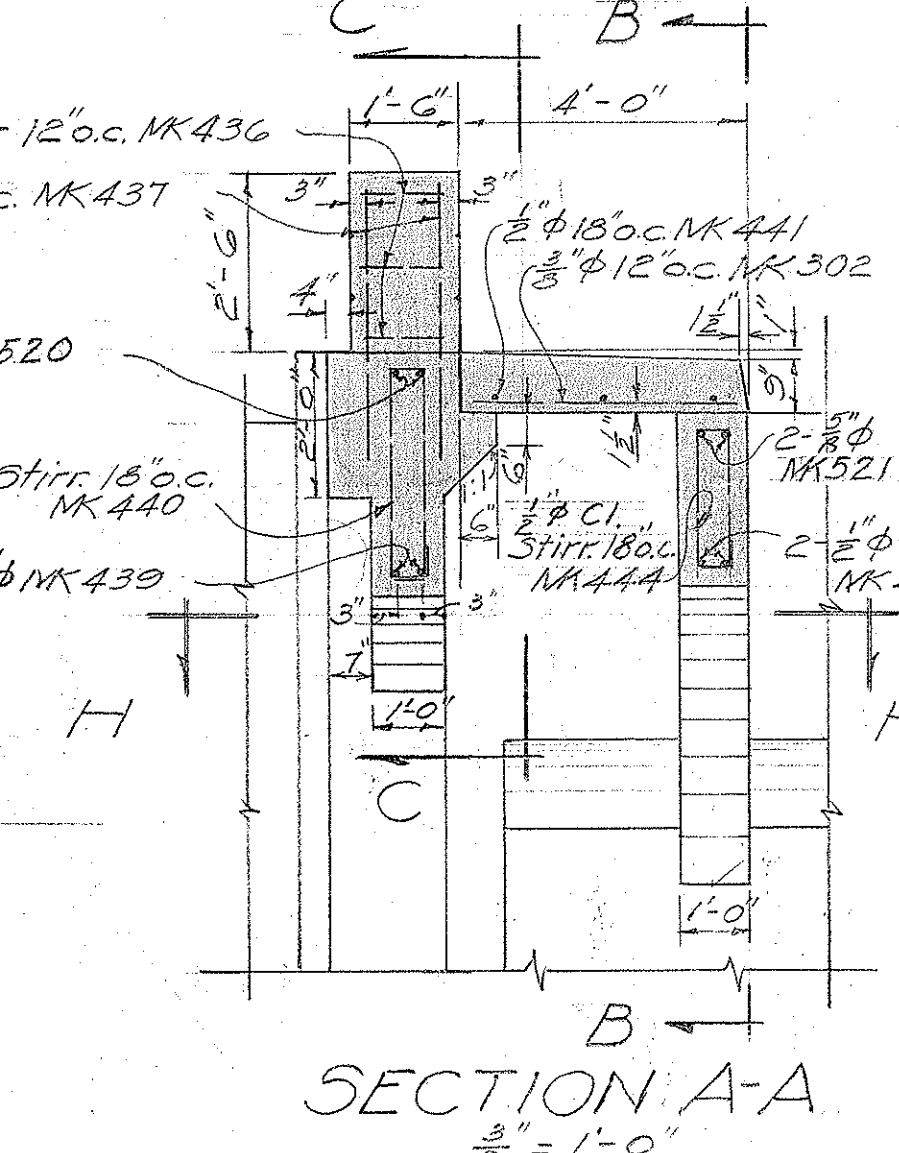
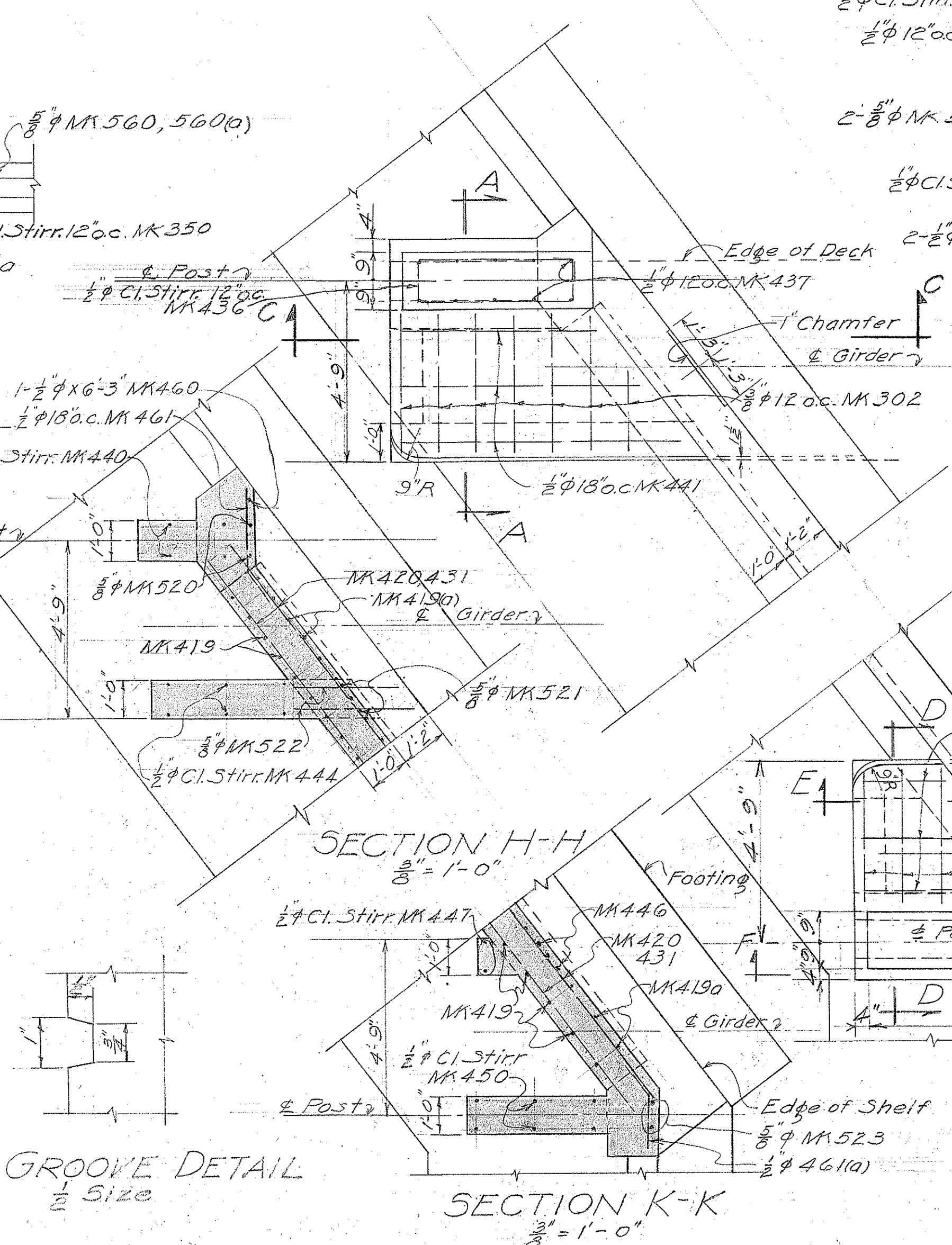
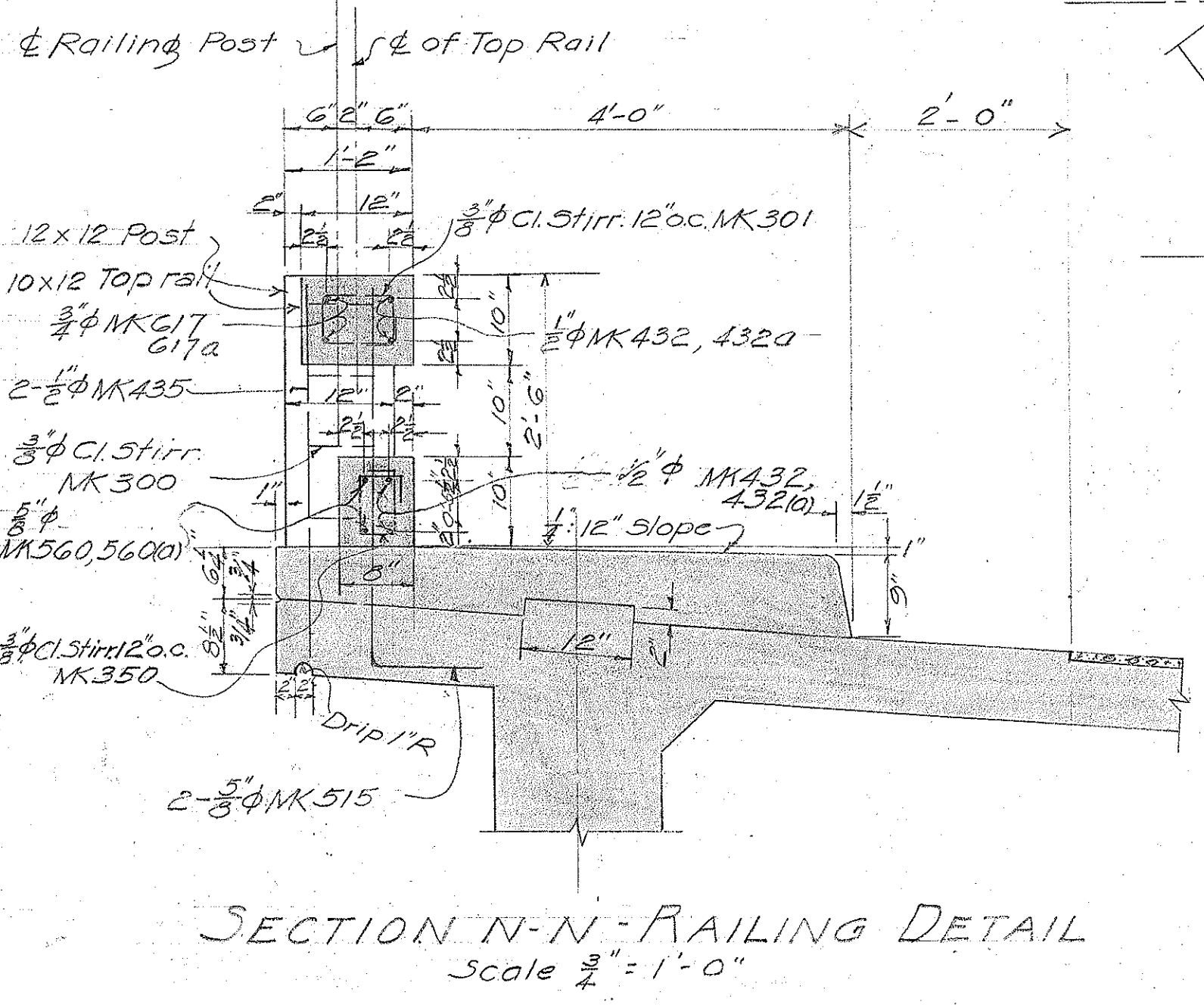
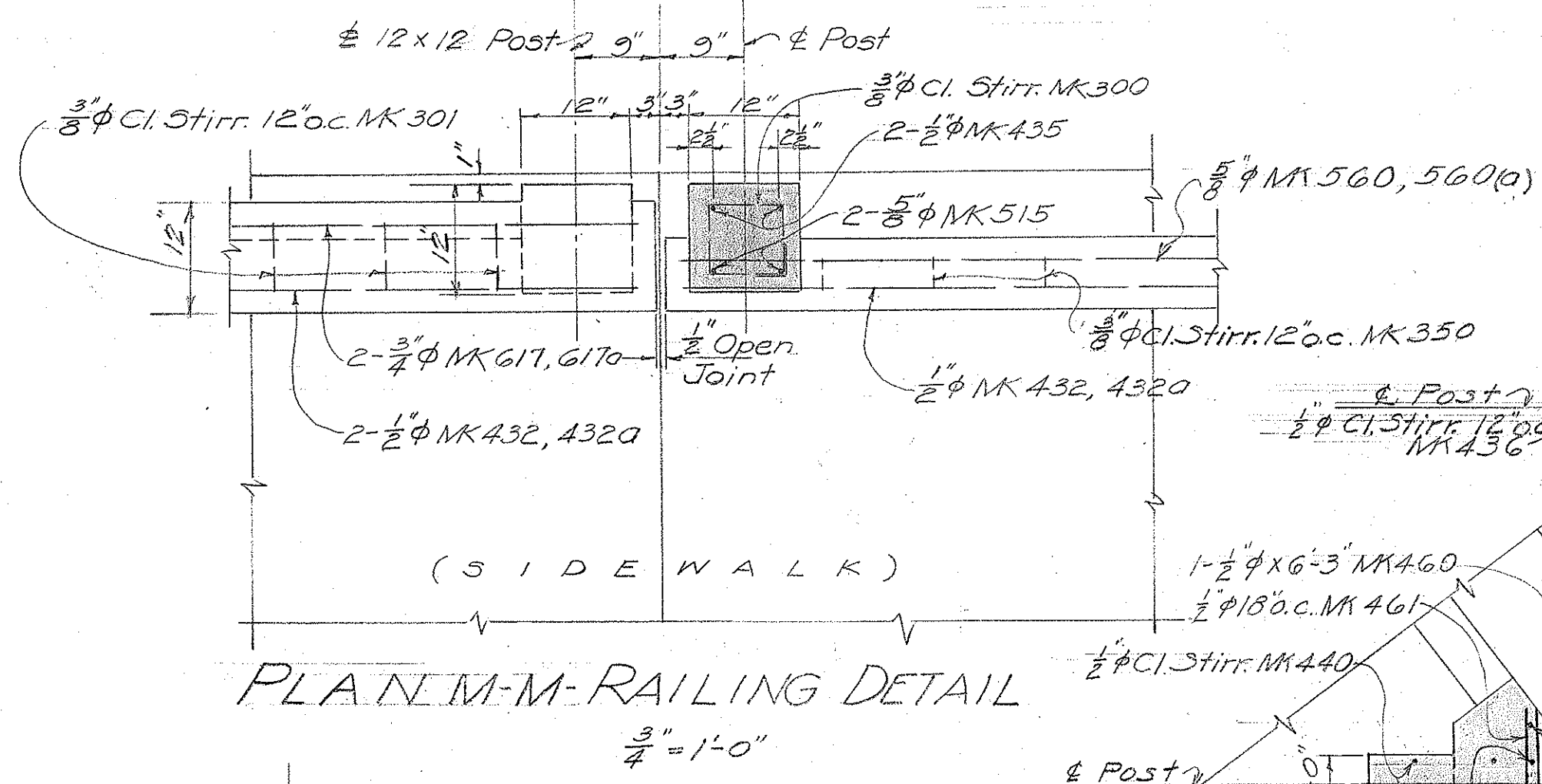
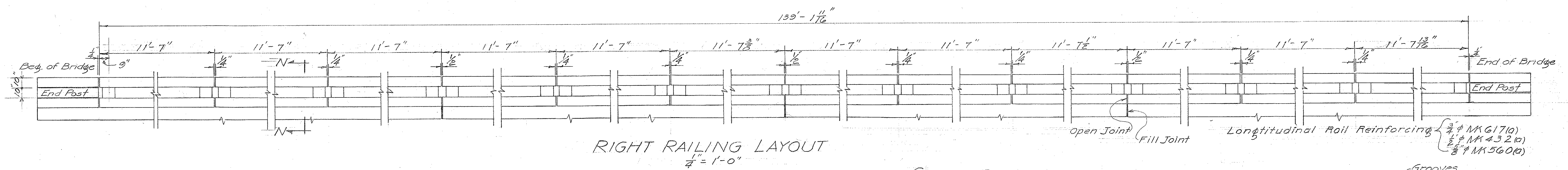
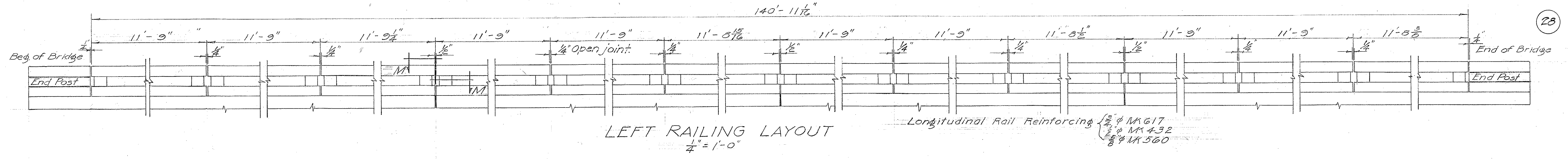
KIIKI BRIDGE
Sta. 20+6363 to Sta. 22+06.23

HALEIWA ROAD CUT-OFF 5223(2)
OCTOBER 1950

SHEET No. 7 OF 8 SHEETS

5425.23

DESIGNED BY: M. S. BARTLETT
CHECKED BY: J. L. BARTLETT
DATE: 10/1/50
ORIGINAL PLAN
NOTE BOOK
No.



END POST DETAIL - ABUT. #1
 $\frac{3}{4}" = 1'-0"$

END POST DETAIL AT ABUT. #2 SIMILAR

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
KIIKII BRIDGE
 Sta. 20+63.68 to Sta. 22+06.23
 HALEIWA ROAD CUT-OFF 5223(2)
 OCTOBER 1950

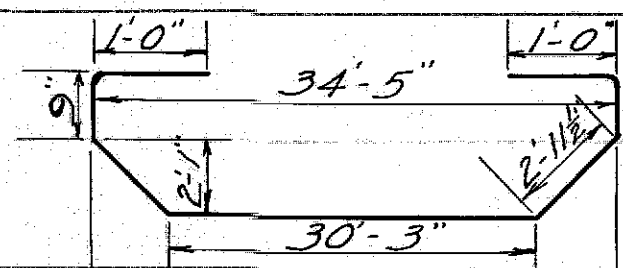
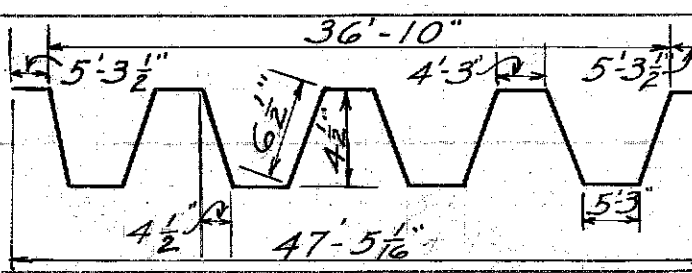
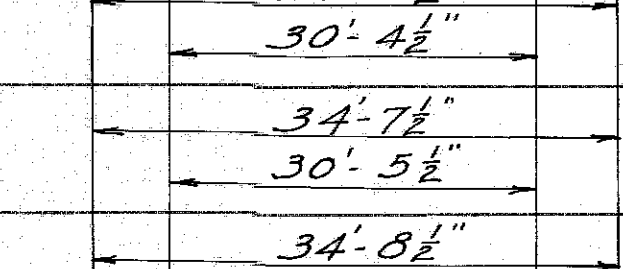
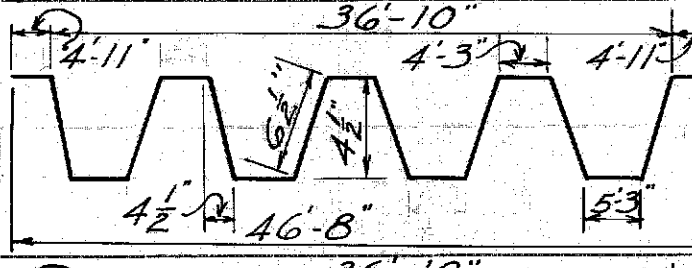
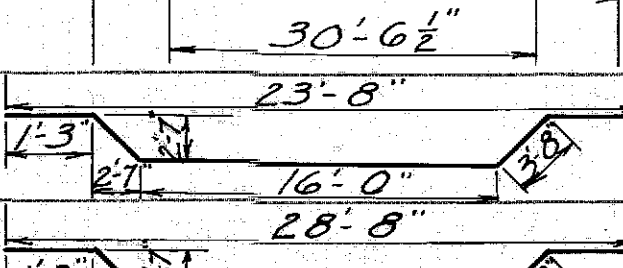
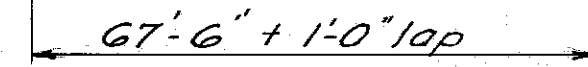
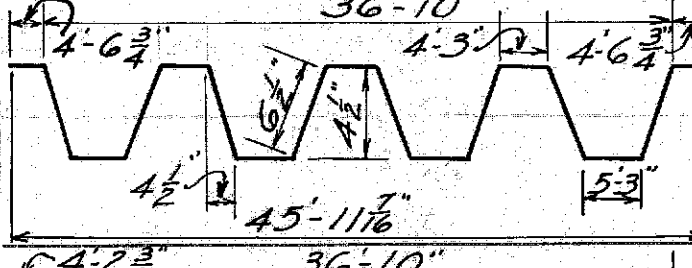
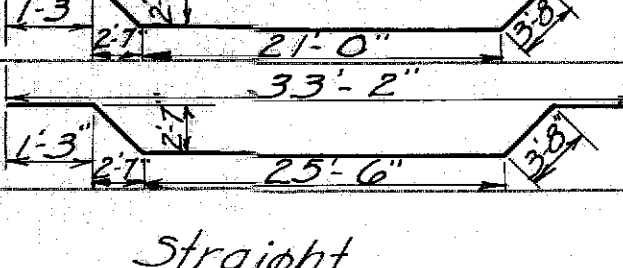
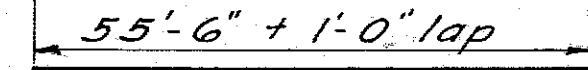
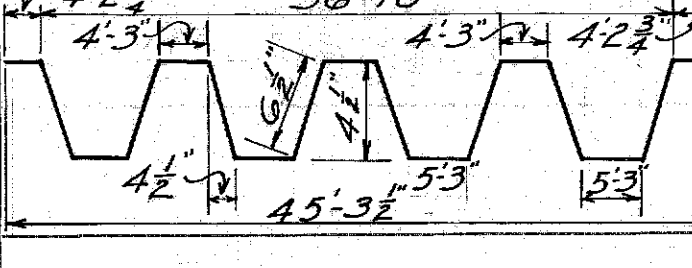
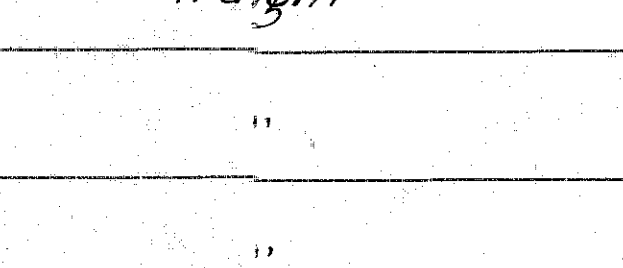
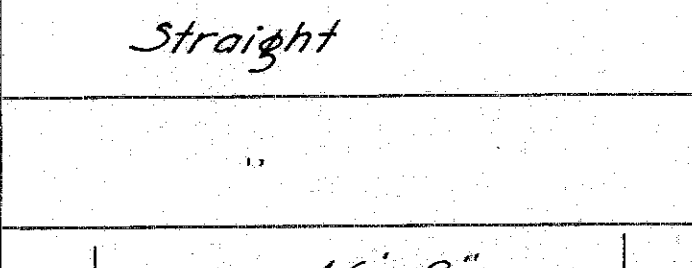
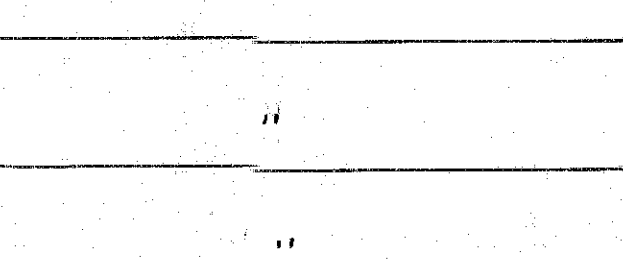
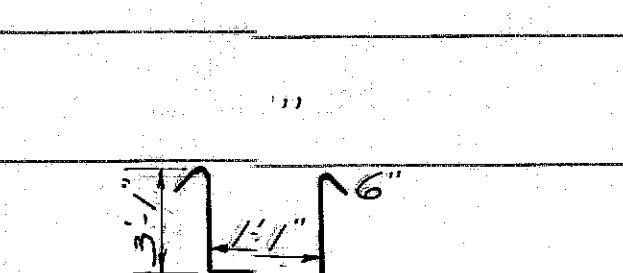
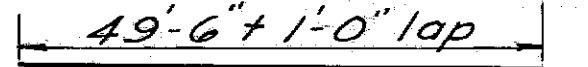
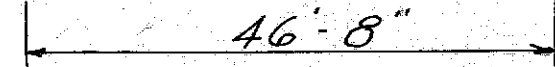
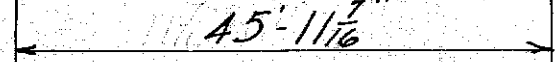
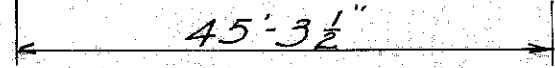
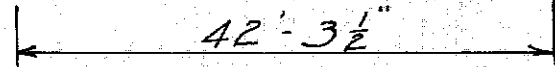
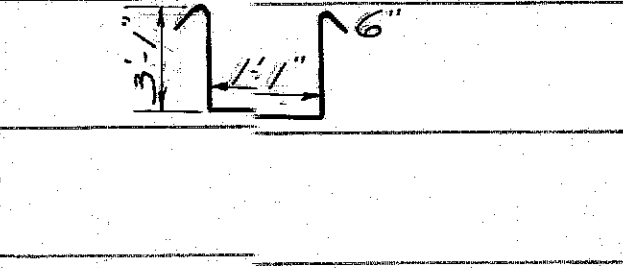
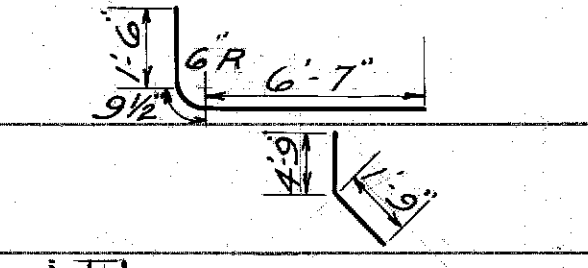
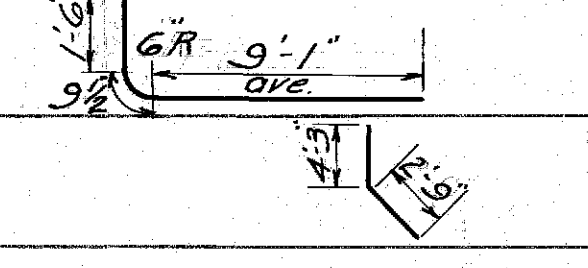
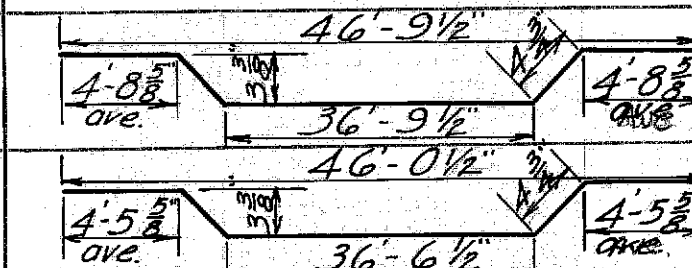
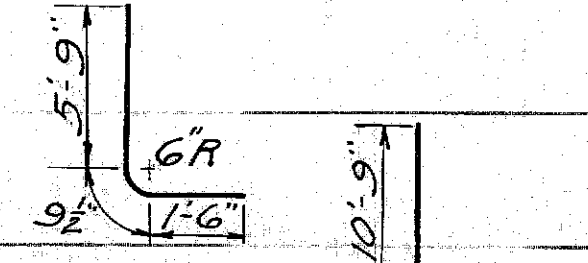
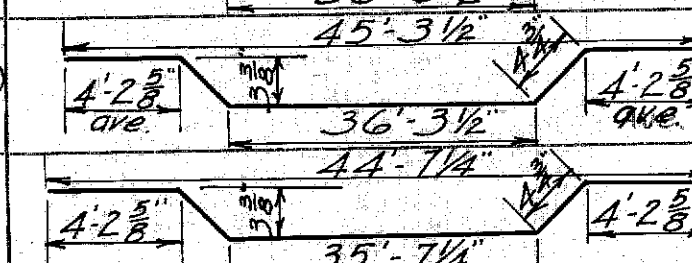
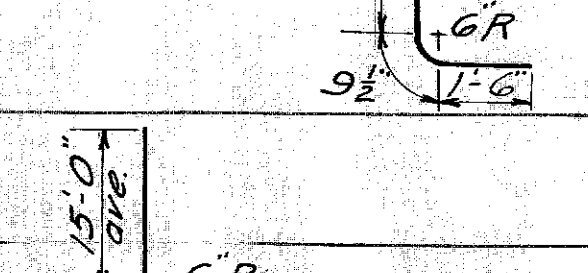
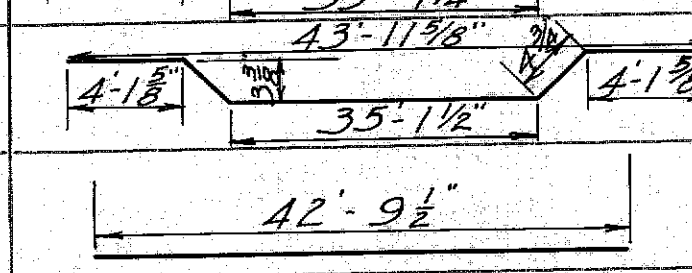
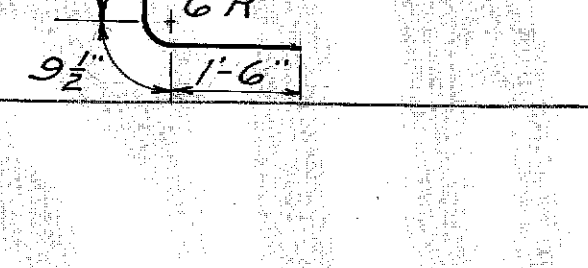
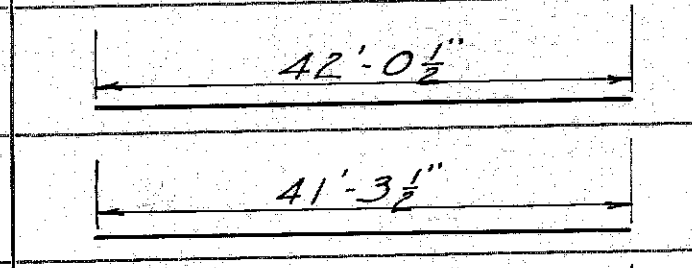
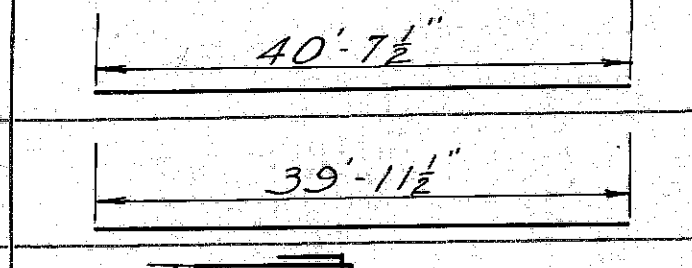
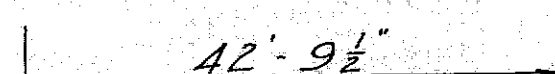
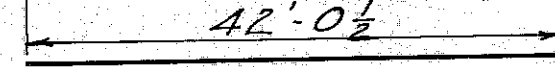
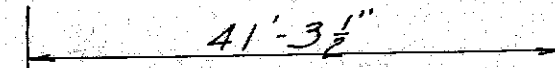
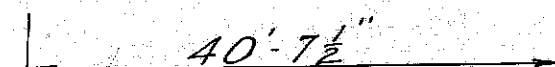
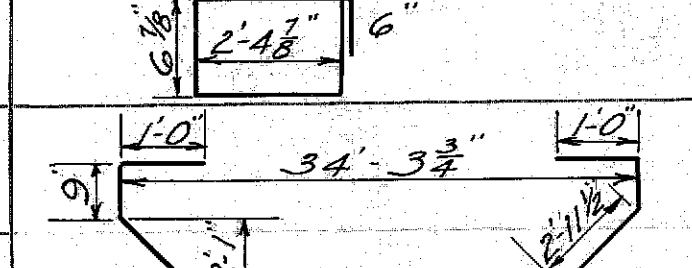
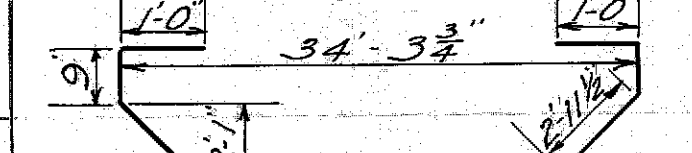
SHEET No. 8 OF 8 SHEETS

5425.24

DESIGNED BY: R. B. BARTLETT
 TRACED BY: J. T. JONES
 QUANTITIES BY: J. T. JONES
 CHECKED BY: J. T. JONES
 DATE: OCT 1950
 ORIGINAL PLAN
 NOTE BOOK
 NO.

STEEL SCHEDULE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight	MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight	MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight					
400	Straight	Slab-Deck	$\frac{1}{2}$ "	34'-6" ave.	20	4	80	2,760			803 G-2		Girder G-2	1"	39'-8"	2	4	8	317.4			601	Straight	Footings	$\frac{1}{2}$ "	18'-6"	24	1	24	444.0							
501		"	$\frac{5}{8}$ "	48'-8" ave.	32	1	32	1557.4			803 G-3		Girder G-3	"	39'-9 1/2"	2	4	8	318.3			413	Straight	"	"	8'-6"	2	1	2	17.0							
501a		"	$\frac{5}{8}$ "	47'-11" ave.	32	1	32	1533.4			803 G-4		Girder G-4	"	39'-10 1/2"	2	4	8	319.0			409		"	"	68'-6"	24	1	24	1644.0							
501b		"	$\frac{5}{8}$ "	47'-2 1/4" ave.	32	1	32	1510.4			803 G-5		Girder G-5	"	39'-11 1/2"	2	4	8	319.7			411		"	"	56'-6"	2	1	2	113.0							
501c		"	$\frac{5}{8}$ "	46'-6 1/2" ave.	32	1	32	1489.3			800		Girders	"	25'-10"	2	20	40	1033.2			410	Straight	"	"	7'-6"	22	1	22	165.0							
501d		"	$\frac{5}{8}$ "	45'-11 1/2" ave.	33	1	33	1517.0			801		"	"	30'-10"	2	20	40	1233.2			412	"	"	"	8'-6"	65	1	65	552.5							
502	Straight	"	$\frac{5}{8}$ "	47'-5" ave.	33	1	33	1564.9			802		"	"	35'-4"	2	20	40	1413.2			405	"	Wingwall	"	"	17'-0"	2	3	6	102.0						
500	"	"	$\frac{5}{8}$ "	34'-6" ave.	24	4	96	3,312.0			804 G-1	Straight	Girder G-1	"	34'-3 1/4"	4	4	16	548.3			406		Wingwall	"	"	50'-6"	6	2	12	606.0						
502a		"	$\frac{5}{8}$ "	46'-8" ave.	33	1	33	1540.1			804 G-2	"	Girder G-2	"	34'-4 3/4"	4	4	16	550.4			407	Straight	"	"	16'-9"	3	2	6	100.5							
502b		"	$\frac{5}{8}$ "	45'-11 1/2" ave.	33	1	33	1517.0			804 G-3	"	Girder G-3	"	34'-6"	4	4	16	552.0			404	"	"	"	10'-0" ave.	7	2	14	140.0							
502c		"	$\frac{5}{8}$ "	45'-3 1/2" ave.	33	1	33	1494.6			804 G-4	"	Girder G-4	"	34'-7"	4	4	16	553.3			406 (d)	Straight	"	"	23'-0" ave.	2	1	2	46.0							
503		"	"	42'-3 1/2"	132	1	132	5582.3			804 G-5	"	Girder G-5	"	34'-8 1/4"	4	4	16	555.0			420		Abut. Wall	"	"	48'-0"	2	4	8	384.0						
											452	"	Girders	$\frac{1}{2}$ "	33'-3"	2	20	40	1330.0			408	Straight	Wingwall	"	"	9'-6" ave.	10	1	10	95.0						
											402		"	"	8'-3"	42	20	840	6,930.0			505		"	"	8'-10 1/2"	19	1	19	168.5							
																						419 (c)		"	"	11'-4 1/2" ave.	10	1	10	113.7							
700		End Beam	$\frac{1}{2}$ "	47'-0 1/4" ave.	2	1	2	94.0															419		"	"	7'-0"	46	1	46	322.0						
700 (a)		"	"	46'-3 1/4" ave.	4	1	4	185.1															602		"	"	8'-0 1/2"	5	1	5	40.21						
700b		"	"	45'-6 1/4" ave.	4	1	4	182.1															601		"	"	13'-0 1/2"	5	1	5	65.21						
700 (c)		"	"	44'-10" ave.	4	1	4	179.3																													
700 (d)		"	"	44'-2 3/8" ave.	2	1	2	88.4																													
701		"	"	42'-9 1/2"	2	1	2	85.6																													
701 (a)		"	"	42'-0 1/2"	4	1	4	168.2																													
701 (b)		"	"	41'-3 1/2"	4	1	4	165.2																													
701 (c)		"	"	40'-7 1/2"	4	1	4	162.5																													
701 (d)		"	"	39'-11 1/2"	2	1	2	79.9																													
401		"	$\frac{1}{2}$ "	6'-11 1/2"	36	8	288	2,004.5			511	Straight	Abut. #1 Footing	$\frac{5}{8}$ "	5'-3"	9	1	16	84.0																		
803 G-1		Girder G-1	1"	39'-6 3/4"	2	4	8	316.5			512	"	Abut. #1 Footing	"	7'-6"	8	1	17	127.5																		
											608	"	"	"	8'-6"	84	1	97	824.5																		
TOTAL SUPERSTRUCTURE											60850																										

CONTRACTOR'S NOTE

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All stirrup dimensions are to inside of stirrups; all other dimensions are figured to outside of bars.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

KIIKII BRIDGE
Sta. 20+63.68 to Sta. 22+06.23

HALEIWA ROAD CUT-OFF S223(2)
DECEMBER 1950

SHEET No. 1 OF 3 SHEETS

CONTRACTOR'S NOTE

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TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KIIKII BRIDGE
Sta. 20+63.68 to Sta. 22+06.23
HALEIWA ROAD CUT-OFF S223(2)
DECEMBER 1950
SHEET No. 1 OF 3 SHEETS

DESIGNED BY: DATE: Dec. 1950
DRAWN BY: I. Fujinaka
CHECKED BY: J. Young
NOTE: QUANTITIES CHECKED BY J. Young

STEEL SCHEDULE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight	MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight	MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight									
510		Wingwall	5/8"	7'-0 1/2"	5	1	5	35.2			523		Brackets	5/8"	10'-9"	2	1	2	21.5			428	Straight	Wingwall	1/2"	11'-0 ave.	9	1	9	99.0											
507		"	"	11'-0 1/2"	5	1	5	55.2			450		"	1/2"	8'-5" Ave.	3	1	3	25.3			429		"	1/2"	12'-6 ave.	33	1	33	412.5											
508		"	"	10'-1 1/2"	12	1	12	121.4			451	Straight	"	"	6'-6"	2	1	2	13.0			430	Straight	"	"	12'-8 ave.	12	1	12	152.0											
506		"	"	15'-4 1/2 ave.	5	1	5	76.9			522		Abut. Wall	5/8"	8'-3"	2	1	2	16.5			418		Footing	"	14'-0"	46	1	46	644.0											
416	Straight	"	"	12'-0 ave.	13	1	13	156.0			638		"	3/4"	12'-9 1/2"	4	1	4	51.2			419		Abut. Wall	"	7'-0"	43	1	43	301.0											
415		"	"	12'-9 ave.	35	1	35	446.3			463		"	1/2"	2'-6"	8	1	8	20.0			419a		"	"	6'-6"	43	1	43	279.5											
417	Straight	"	"	10'-6 ave.	13	1	13	136.5			462	Straight	"	1/2"	1'-9"	9	1	9	15.8			431		"	"	44'-6"	8	1	8	356.0											
418		Footing Abut. #1	"	14'-0"	50	1	50	700.0			639		"	3/4"	14'-9 1/2"	3	1	3	44.4			641		"	3/4"	12'-10 1/2"	6	1	6	77.3											
613		Abut. #1 Wall	3/4"	10'-0 1/2"	19	1	19	190.8			461		"	1/2"	3'-3"	4	1	4	13.0			640		"	"	8'-0 1/2"	6	1	6	48.2											
614		Abut. #1 Wall	"	7'-0 1/2"	19	1	19	133.8			461a		"	"	2'-6"	4	1	4	10.0			410	Straight	Footing	1/2"	7'-6"	24	1	24	180.0											
612		Abut. #1 Wall	"	13'-3 1/2"	19	1	19	252.5			TOTAL ABUTMENT No. 1										669250.668	4471.0	412	"	"	8'-6"	53	1	53	450.5											
611		Abut. #1 Wall	"	7'-6 1/2"	24	1	24	181.0			513		Wingwall	5/8"	12'-9 1/2 ave.	13	1	13	166.3			870.7	1043	908.0	512	"	"	5/8"	7'-6"	18	1	18	135.0								
610		Abut. #1 Wall	"	11'-7 1/2 ave.	24	1	24	279.1													2149.3	1502	3228.0	511	"	"	5'-3"	18	1	18	94.5										
439	Straight	Brackets	1/2"	5'-9"	2	1	2	11.5																							608	"	"	3/4"	8'-6"	79	1	79	671.5		
444		"	"	7'-11 ave.	5	1	5	39.6			514		"	"	9'-0 1/2"	23	1	23	207.9			422		"	1/2"	63'-6"	24	1	24	1524.0											
440		"	"	9'-3 ave.	3	1	3	27.8			611		"	3/4"	7'-6 1/2"	21	1	21	158.3			423		"	"	53'-6"	2	1	2	107.0											
521		"	5/8"	13'-7"	2	1	2	27.2			610		"	"	11'-7 1/2 ave.	21	1	21	244.2			421	Straight	"	"	14'-0"	24	1	24	336.0											
443	Straight	"	1/2"	10'-9"	2	1	2	21.5			612		"	"	13'-3 1/2 ave.	18	1	18	239.2			427	"	Wingwall	"	10'-6 ave.	5	2	10	105.0											
520		"	5/8"	11'-0"	2	1	2	22.0			613		"	"	10'-0 1/2"	18	1	18	180.7			427a	"	"	"	15'-6"	4	2	8	124.0											
446		"	1/2"	6'-10"	2	1	2	13.7			614		"	"	7'-0 1/2"	18	1	18	126.7			425	"	"	"	16'-0"	2	1	2	32.0											
448	Straight	"	"	3'-3"	2	1	2	6.5			615		"	"	17'-0 1/2"	6	1	6	102.4			426		"	"	47'-0"	6	2	12	564.0											
447		"	"	4'-7"	1	1	1	4.6			509		"	5/8"	12'-9 1/2 ave.	10	1	10	127.9																						

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TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

KIIKII BRIDGE

Sta.20+63.68 to Sta.22+06.23

HALEIWA ROAD CUT-OFF S223(2)

DECEMBER 1950

SHEET No. 2 OF 3 SHEETS

CONTRACTOR'S NOTE

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TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

KIIKII BRIDGE

Sta. 20+63.68 to Sta. 22+06.23

HALEIWA ROAD CUT-OFF S223(2)

DECEMBER 1950

SHEET No. 2 OF 3 SHEETS

DESIGNED BY I. FUJINAKA
DATE Dec. 1950
CHECKED BY J. VOLING
NO. 114 APPROXIMATE TRACING CLOTH
K & E CO., N. Y.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

ORIGINAL PLAN	DESIGNED BY	DATE
	DRAWN BY <i>I. FELTINAKA</i>	<i>Dec. 1950</i>
	TRACED BY	
	QUANTITIES BY	
	QUANTITIES CHECKED BY	
	CHECKED BY <i>S. YOUNG</i>	<i>Dec. 1950</i>
No.		

SHEET No. 3 OF 3 SHEETS