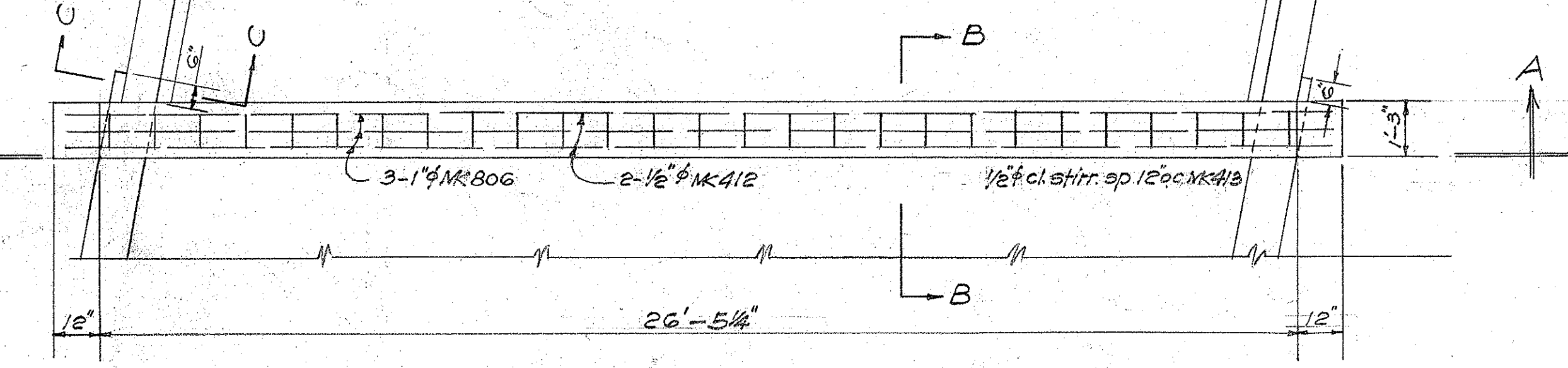


Revised Oct 28, 1940
Feb. 7, 1941

CURVE DATA
 $\Delta = 20^{\circ}00'$
 $D = 174.0'$
 $R = 3437.25'$
 $T = 606.17'$
 $L = 1200.00'$
 $S.E. = 0.042'$ per ft.

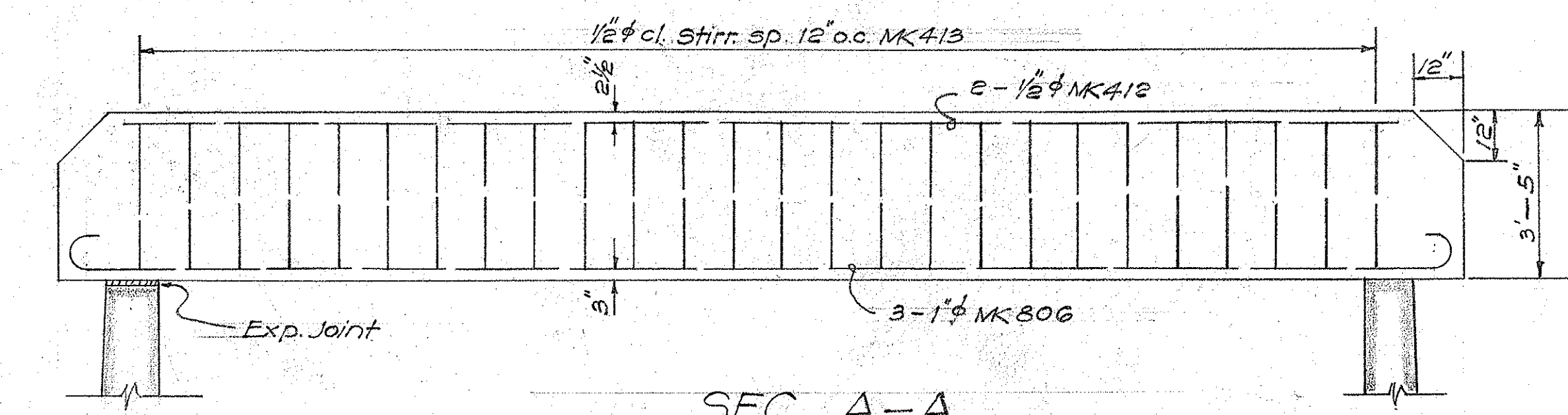
REVISED PART PLAN

Scale 1"=10'



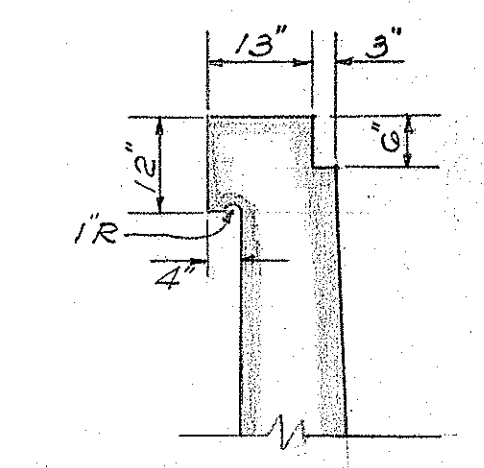
PLAN SHOWING GIRDER REINF.

Scale 3/8"=1'-0"



SEC A-A

Scale 3/8"=1'-0"

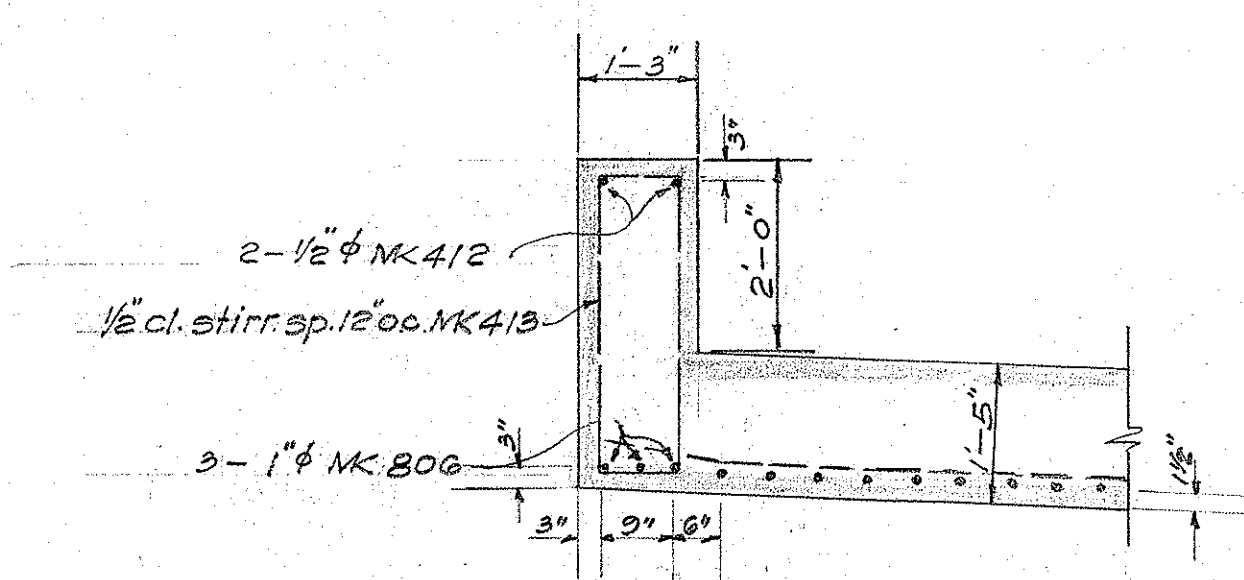
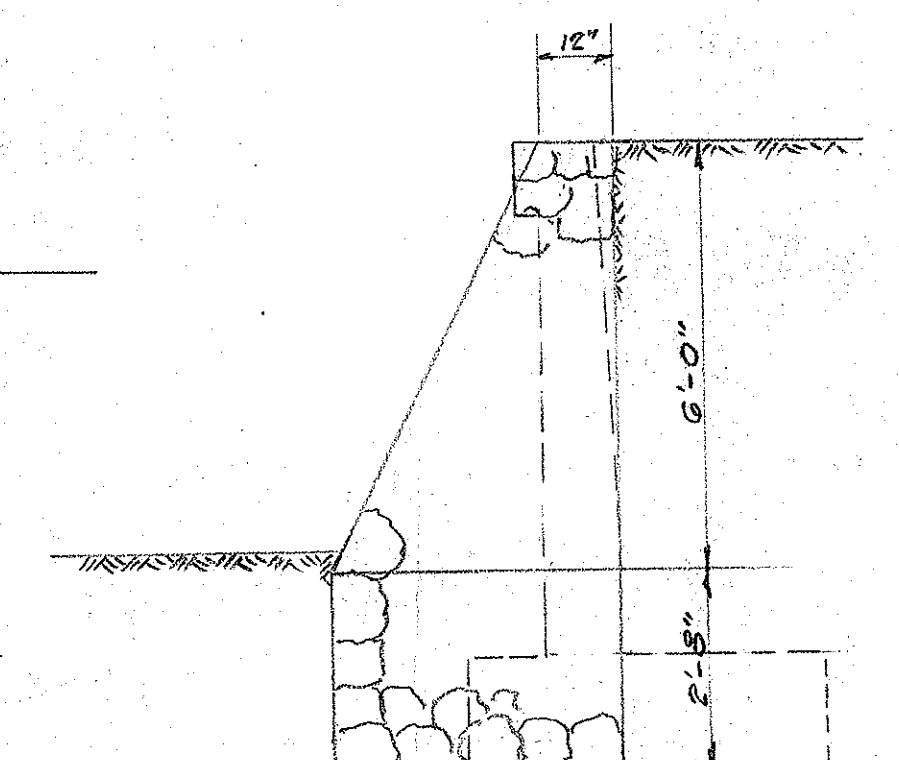


SEC C-C

Scale 1/2"=1'-0"

SECTION THRU C.R.M. WALL

Scale 3/8"=1'-0"

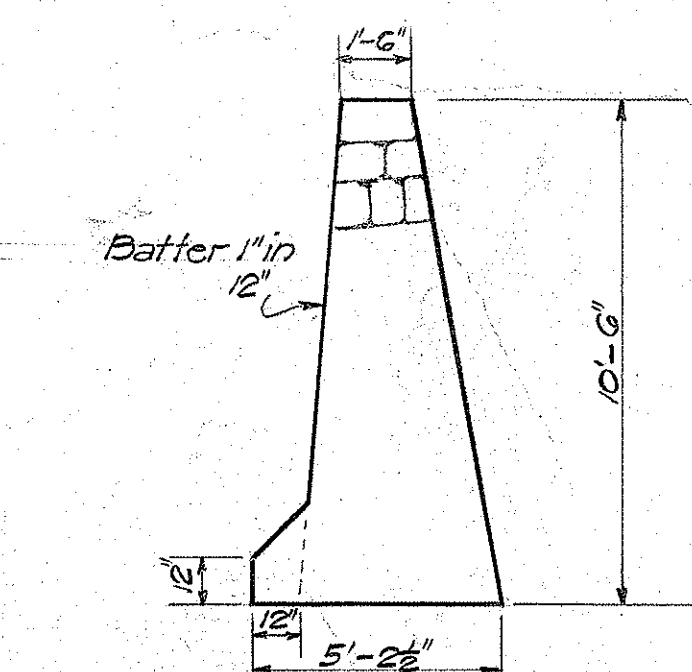


SEC B-B

Scale 1/2"=1'-0"

Note: For Brush Coat Waterproofing, see Sec. 34. Pamphlet N of the specifications.

LOCATION	ESTIMATED		QUANTITIES		
	CLASS 1 CONC. C.Y.	REINF. ST. LBS.	STR. EXC. C.Y.	CHANNEL EXC.	C.R.M. C.Y.
SUPERST.	64.5	8529			
ABUT.	63.3	7794			
WINGWALLS	23.4	2746			
FOOTINGS	82.1	6211	550		
TOTAL	233.3	25,280	550	300	7.0

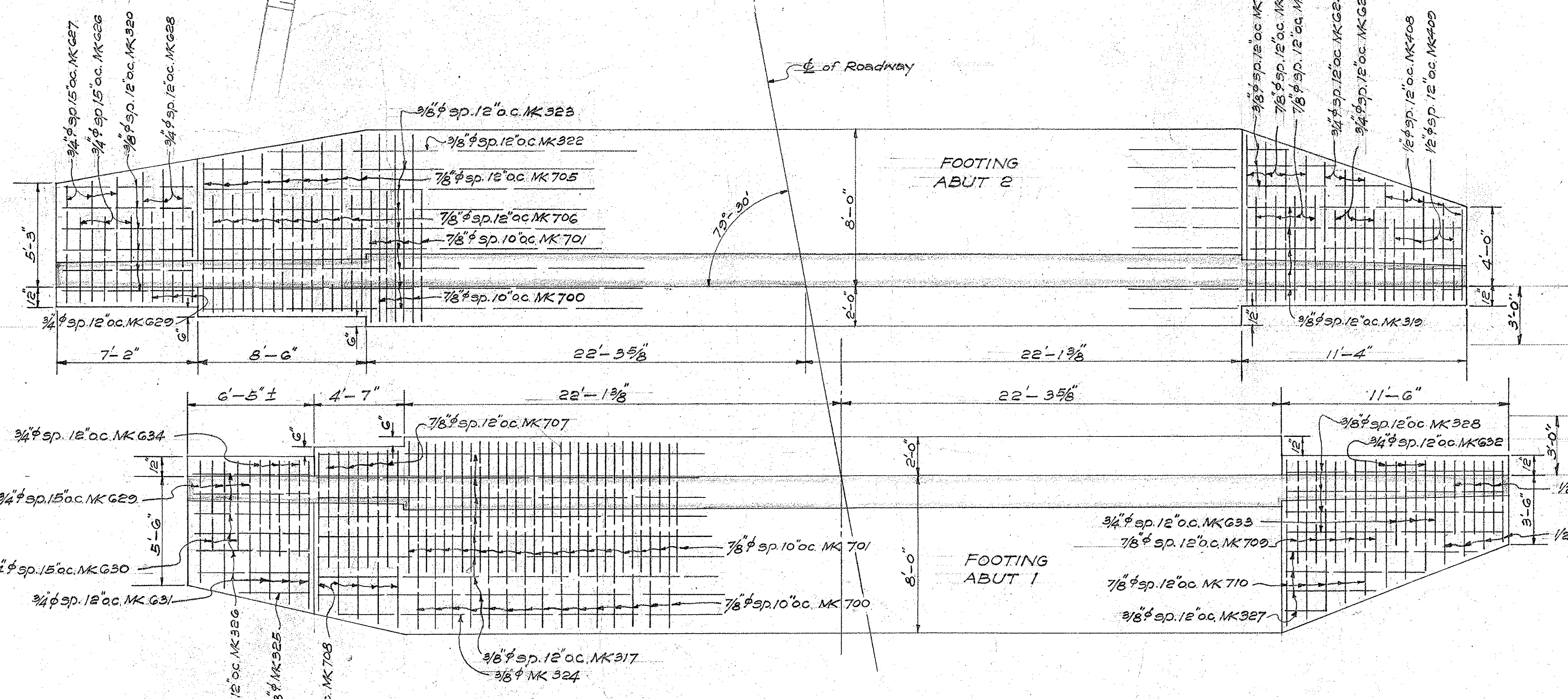


REVISED C.R.M. WALL SECTION

Scale 1/4"=1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
BRIDGE No. 1
 STA. 92+14.78 TO 92+41.22
 WAIANAE ROAD F.A.P. 4-D(1)

SHEET No 1 OF 5 SHEETS



FOOTING PLAN

Scale 1/4"=1'-0"

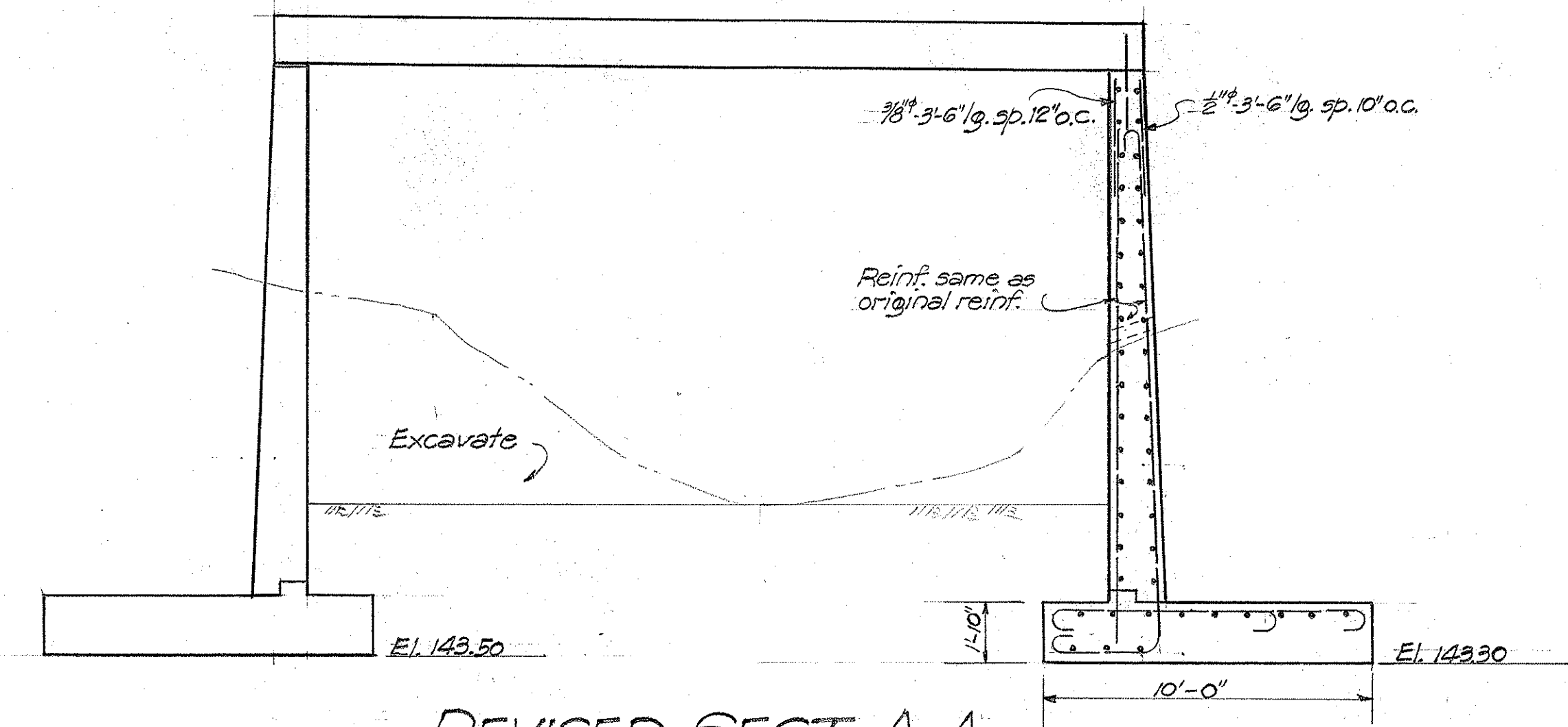
1st Revision: Change in Stew
 2nd Revision: C.R.M. wall changed.

ORIGINAL PLAN	DATE
NOTED BY	DATE
CHECKED BY	DATE

4468.9A

4468.9A Kaho Gulick

Revised Oct. 28, 1940
" Feb. 7, 1941



Technical drawing of a retaining wall cross-section, showing Abut. No. 1 and Abut. No. 2. The drawing includes dimensions for height (12' and 10'-0"), width (10'-0"), and reinforcement details (e.g., 1" φ sp. 12" oc. NK 801, 3/8" φ sp. 12" oc. NK 502). It also shows construction details like stone packing, 4" pipe drain, and a constant joint. Elevation markers show Elev. 145.0 and Elev. 144.80. A note at the bottom states: "Note! 4" tile drains to be placed on".

end " :- footing lowered.

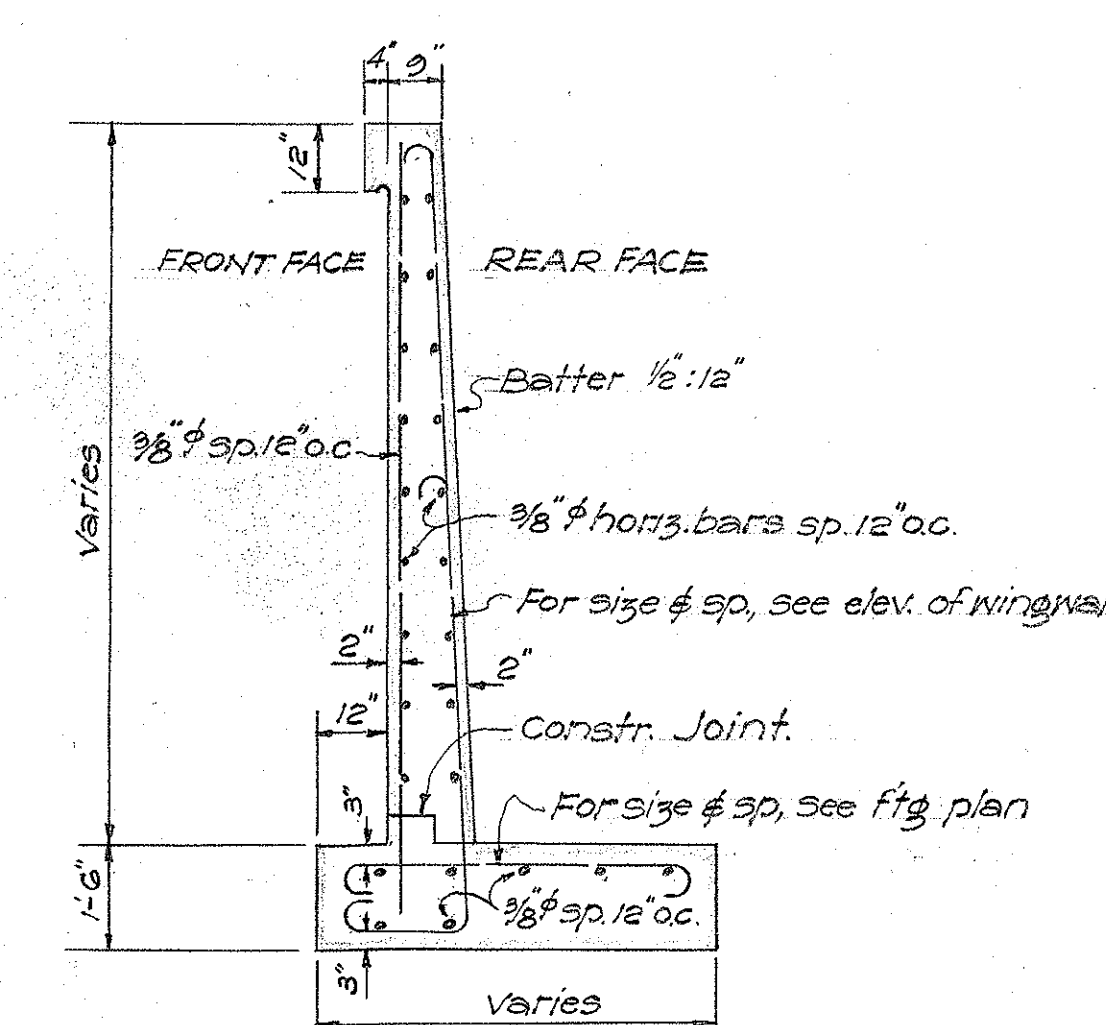
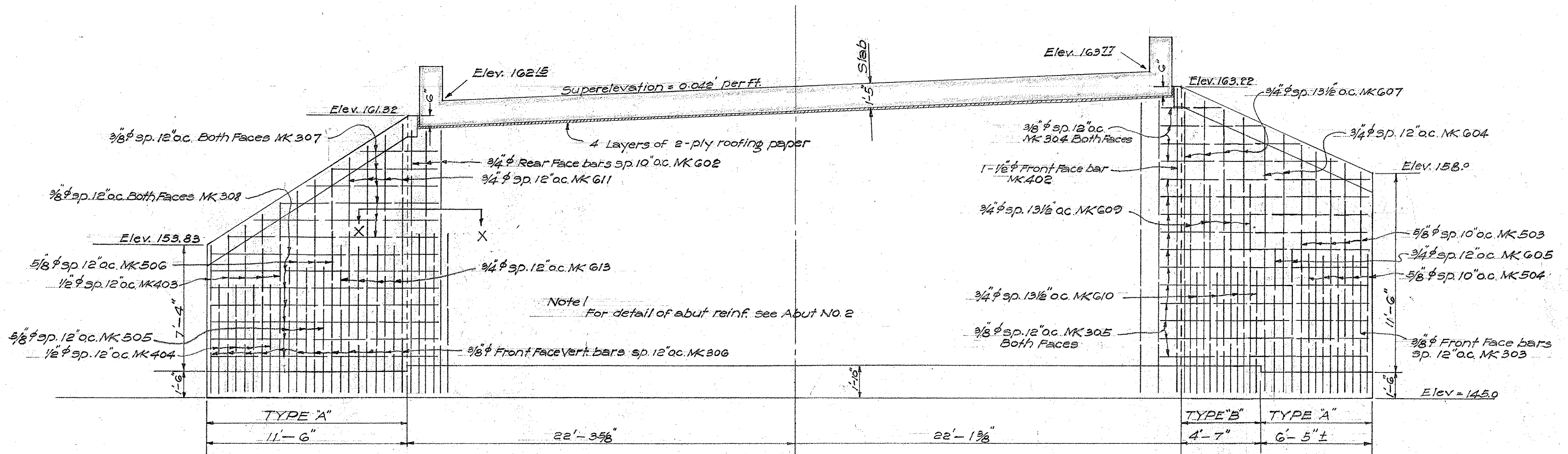
PLAN DECK REINF.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
BRIDGE No. 1
STA. 92+14.78 TO 92+41.22
WAIANAE ROAD F.A.P. 4-D(1)
SHEET No. 2 OF 5 SHEETS

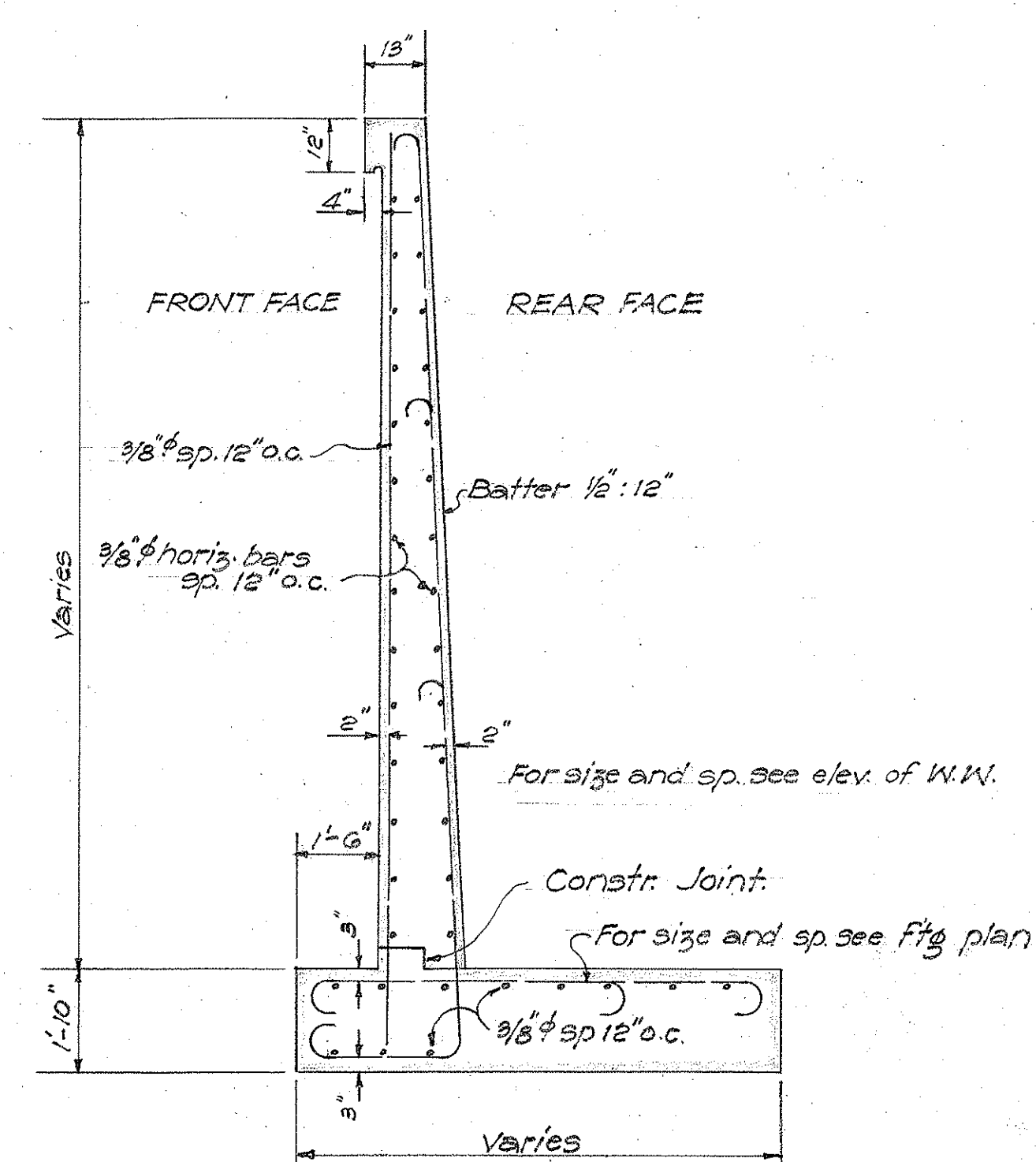
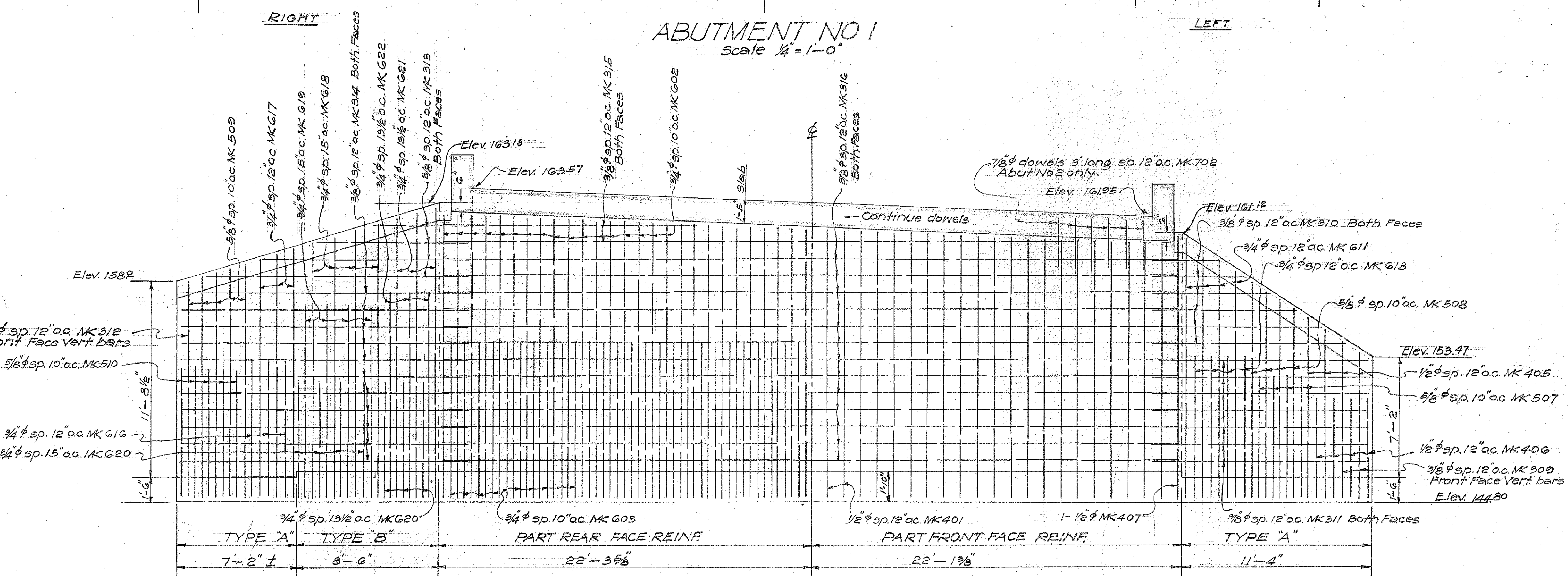
4468.10A

Revised Oct. 28, 1940

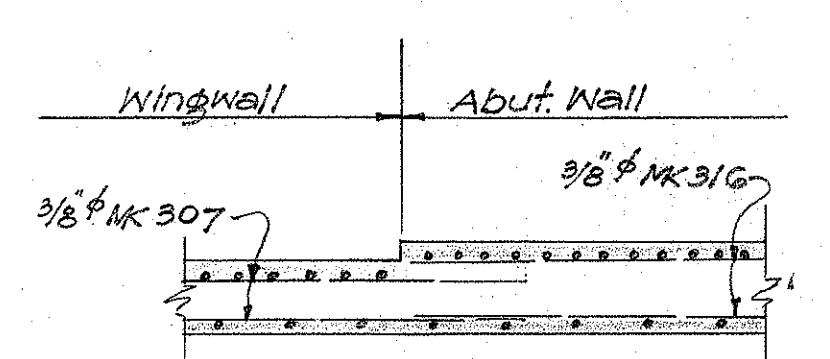
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	4 D(1)	1940	11	25



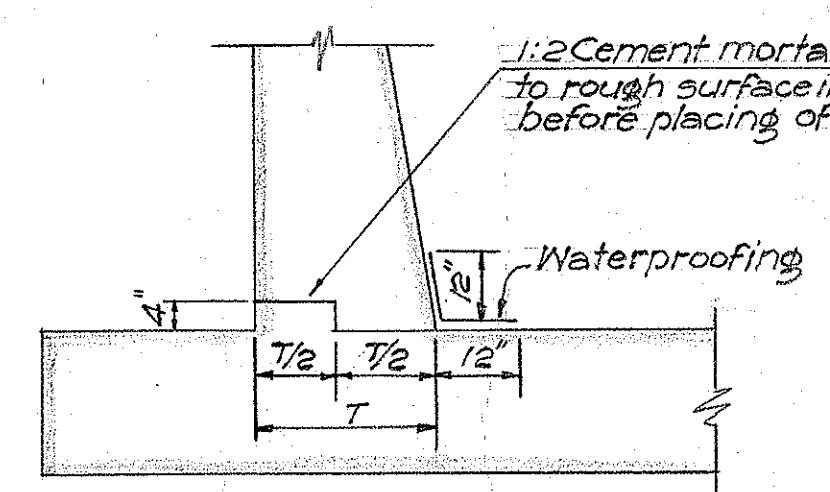
TYPE "A" WINGWALL
Scale 3/8" = 1'-0"



TYPE "B" WINGWALL
Scale 3/8" = 1'-0"



SECT X-X
Scale 3/8" = 1'-0"



CONSTR. JOINT DETAIL

METHOD OF APPLYING CONSTR. JOINT WATERPROOFING
First: Mop surface 18" either side of joint with asphalt, 85-100 penetration, applied at 200°F.
Second: Apply one layer of 2-ply roofing paper lapping 12" either side of joint to hot asphalt; then mop entire surface with a thick coat of hot asphalt.
Note! Regarding brushcoat waterproofing see General Notes

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
BRIDGE No. 1
STA. 92+1478 TO 92+4122
WAIANAE ROAD F.A.R. 4-D(1)

SHEET No 3 OF 5 SHEETS

4468.11A
4468.11A

SURVEY PLOTTED BY	DATE
DESIGNED BY	Oct 1940
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

Revision - Change in Skew

STEEL SCHEDULE

Revised Oct. 28, 1940

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	4 D (1)	1940	12	23

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
701		FOOTINGS Abut 1 & 2	7/8"	8'-9"	54	2	108	215.0	2.04	1928
700		"	"	11'-5"	53	2	106	1210.5	"	2469
317		Abut. 1	3/8"	48'-6"	11	1	11	533.5	0.38	203
410		W.W. Abut 1 Rt	1/2"	4'-11"	3	1	3	14.8	0.67	10
411		"	"	Var. AV. 5'-8"	4	1	4	22.7	"	15
G33		"	3/4"	6'-4"	3	1	3	19.0	1.50	29
G32		"	"	Var. AV. 7'-8"	3	1	3	23.0	"	35
709		"	7/8"	6'-11"	5	1	5	34.6	2.04	71
710		"	"	Var. AV. 9'-3"	5	1	5	48.4	"	99
327		"	3/8"	Var. AV. 6'-0"	4	1	4	24.0	0.38	9
328		"	"	11'-0"	6	1	6	66.0	"	25
G30		W.W. Abut 1 Lt	3/4"	6'-5"	2	1	2	12.8	1.50	19
G29		"	"	Var. AV. 8'-2"	3	1	3	24.5	"	37
G34		"	"	6'-8"	3	1	3	20.0	"	30
G31		"	"	Var. AV. 8'-10"	3	1	3	26.5	"	40
707		"	7/8"	8'-0"	4	1	4	32.0	2.04	65
708		"	"	Var. AV. 10'-5"	5	1	5	52.1	"	106
325		"	3/8"	3'-6"	1	1	1	3.5	0.38	1
326		"	"	5'-9"	8	1	8	46.0	"	17
324		Abut 1	"	47'-6"	1	1	1	47.5	"	18
408		W.W. Abut 2 Rt	1/2"	Var. AV. 6'-3"	5	1	5	31.3	0.67	21
409		"	"	5'-3"	4	1	4	21.0	"	14
G24		"	3/4"	Var. AV. 8'-3"	3	1	3	24.8	1.50	37
G25		"	"	6'-6"	3	1	3	19.5	"	29
703		"	7/8"	Var. AV. 9'-9"	4	1	4	32.0	2.04	80
704		"	"	7'-6"	4	1	4	30.0	"	61
318		"	3/8"	Var. AV. 4'-6"	3	1	3	13.5	0.38	5
319		"	"	10'-11"	7	1	7	76.4	"	29

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
320		FOOTINGS W.W. Abut 2 Lt	7/8"	6'-9"	8	1	8	54.0	0.38	21
G26		"	3/4"	6'-2"	3	1	3	18.5	1.50	28
G27		"	"	Var. AV. 7'-9"	3	1	3	23.3	"	35
G28		"	"	Var. AV. 8'-5"	3	1	3	25.3	"	38
G29		"	"	6'-6"	3	1	3	19.5	"	29
706		"	7/8"	8'-2"	8	1	8	65.4	2.04	133
705		"	"	Var. AV. 10'-2"	9	1	9	91.5	"	187
322		Abut. 2 Part W.W. Lt.	3/8"	49'-2"	1	1	1	49.2	0.38	19
323		"	"	52'-6"	11	1	11	577.5	"	219
										G211
503		WINGWALLS Abut. 1 Lt	5/8"	Var. AV. 16'-9"	5	1	5	83.8	1.04	87
504		"	"	11'-5"	5	1	5	57.1	"	59
604		"	3/4"	Var. AV. 18'-6 1/2"	2	1	2	37.0	1.50	56
605		"	"	12'-1 1/2"	2	1	2	24.3	"	36
G10		"	3/4"	11'-2 1/2"	4	1	4	44.8	1.50	67
G07		"	"	Var. AV. 20'-6 1/2"	4	1	4	82.2	"	123
G09		"	"	16'-3 1/2"	4	1	4	65.2	"	98
304		"	3/8"	Var. AV. 6'-6"	4	2	8	52.0	0.38	20
305		"	"	12'-0"	11	2	22	264.0	"	100
303		"	"	Var. AV. 14'-8"	11	1	11	161.4	"	61
404		Abut 1 Rt	1/2"	9'-0"	4	1	4	36.0	0.67	24
403		"	"	Var. AV. 15'-5"	5	1	5	77.1	"	52
505		"	5/8"	10'-6"	3	1	3	31.5	1.04	33
506		"	"	Var. AV. 15'-4"	3	1	3	46.0	"	48
G13		"	3/4"	12'-2"	4	1	4	48.7	1.50	73

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
G11		WINGWALLS Abut 1 Rt	3/4"	Var. AV. 17'-11"	4	1	4	71.7	1.50	108
307		"	3/8"	Var. AV. 8'-0"	6	2	12	96.0	0.38	36
308		"	"	13'-0"	7	2	14	182.0	"	69
306		"	"	Var. AV. 11'-8"	12	1	12	140.0	"	53
405		Abut. 2 Rt	1/2"	Var. AV. 12'-4"	4	1	4	49.3	0.67	33
406		"	"	8'-9"	4	1	4	35.0	"	23
507		"	5/8"	10'-8"	4	1	4	42.7	1.04	44
508		"	"	Var. AV. 15'-1"	4	1	4	60.3	"	63
G11	See Previous Sketch	"	3/4"	Var. AV. 17'-11"	4	1	4	71.7	1.50	108
G13	"	"	"	12'-2"	4	1	4	48.7	"	73
310		"	3/8"	Var. AV. 7'-6"	6	2	12	90.0	0.38	34
309		"	"	Var. AV. 12'-0"	12	1	12	144.0	"	55
311		"	"	12'-10"	7	2	14	179.6	"	68
509		Abut 2 Lt	5/8"	Var. AV. 16'-8"	5	1	5	83.4	1.04	87
510		"	"	10'-11"	5	1	5	54.6	"	57
G16		"	3/4"	11'-11"	3	1	3	35.8	1.50	54
G17		"	"	Var. AV. 17'-11"	3	1	3	53.8	"	81
G18		"	"	Var. AV. 19'-8 1/2"	4	1	4	78.8	"	118
G19		"	"	15'-9 1/2"	4	1	4	63.2	"	95
G20		"	"	11'-1 1/2"	7	1	7	77.8	"	117
G21		"	"	Var. AV. 20'-11 1/2"	3	1	3	62.9	"	94
G22		"	"	16'-5 1/2"	3	1	3	49.4	"	74

CONTRACTOR'S NOTE

This steel schedule is subordinate to details shown on the plans. In case of discrepancy between steel list and detail drawings the latter shall govern.

The Territorial Highway Dept. does not assume responsibility for any errors that may occur in the steel schedule. Contractor shall check steel before placing order.

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

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

BRIDGE No. 1

STA. 92+14.78 TO 92+41.22

WAIANAE ROAD F.A.P. 4D(1)

SHEET No. 4 OF 5 SHEETS

4468.12

DESIGNED BY: A. B. Barfield
PLAN
DATE: Oct. 1940
DRAWN BY: P. Yamashita
NOTED BY: P. Yamashita
QUANTITIES CHECKED BY: A. B. Barfield
CHECKED BY: A. B. Barfield

Revision: 1- Change in Skew

Revised Oct. 28, 1940

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	4-D(1)	1940	13	23

[illegible][illegible]

This steel schedule is subordinate to details shown on the plans. In case of discrepancy between steel list and detail drawings the latter shall govern.

The Territorial Highway Dept. does not assume responsibility for any errors that may occur in the steel schedule. Contractor shall check steel before placing order.

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

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

BRIDGE No. 1

STA. 92+14.78 TO 92+41.22

WAIANAE ROAD

F.A.P 4 D (1)

SHEET No. 5 OF 5 SHEETS

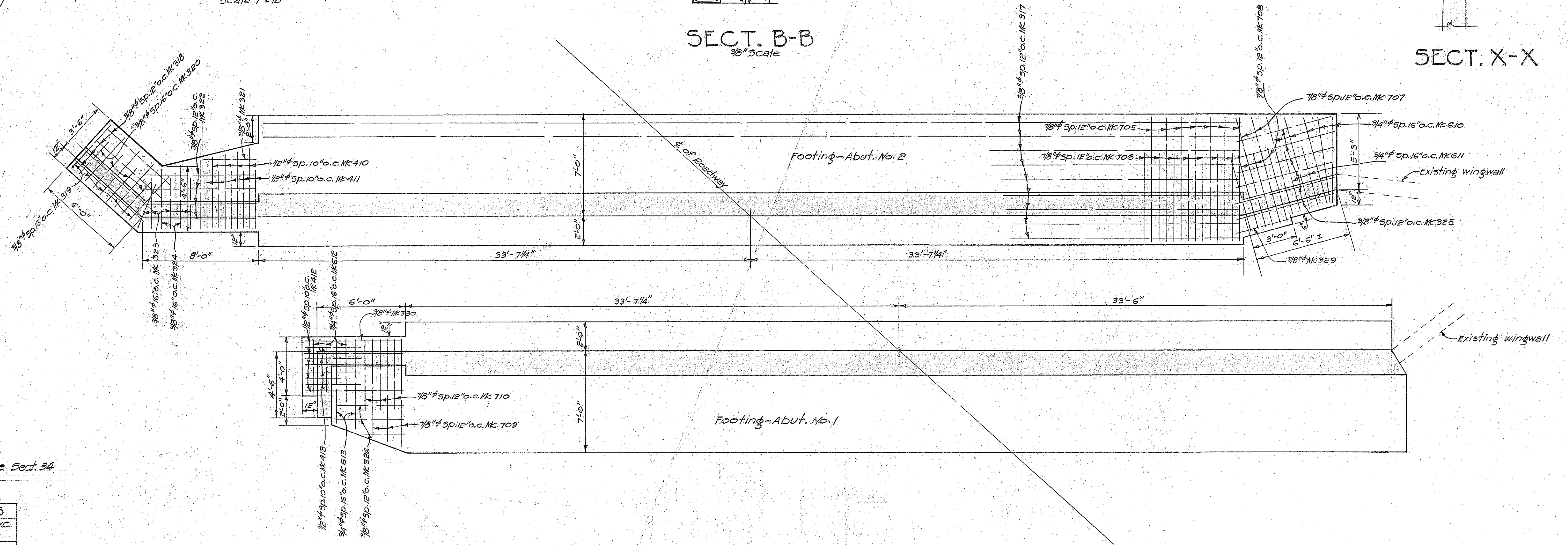
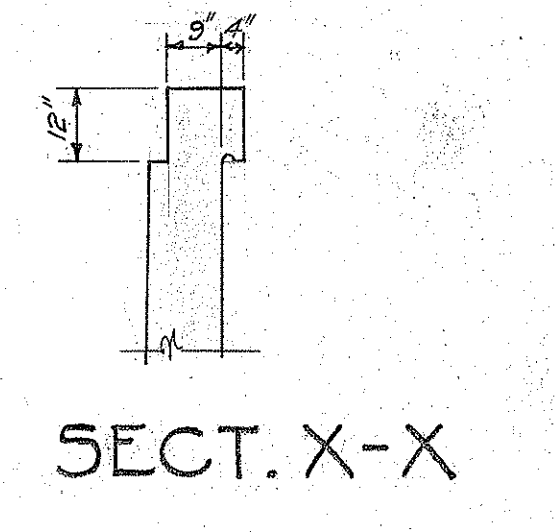
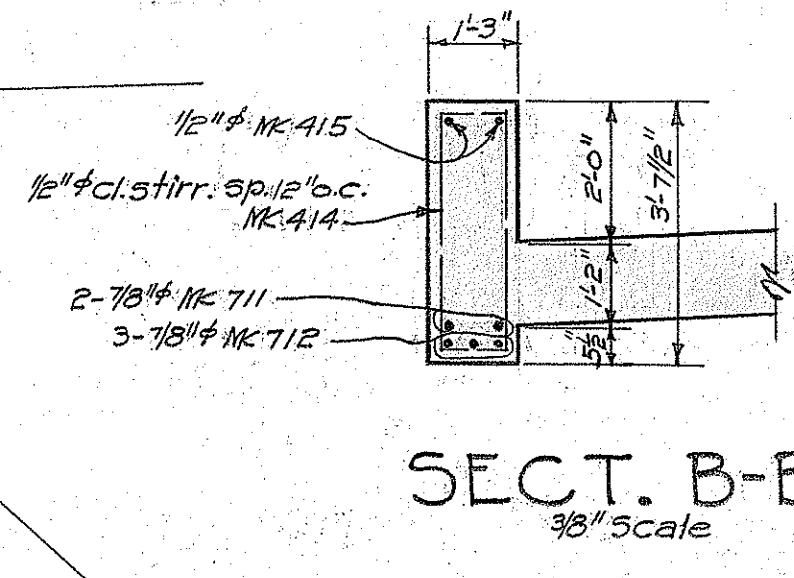
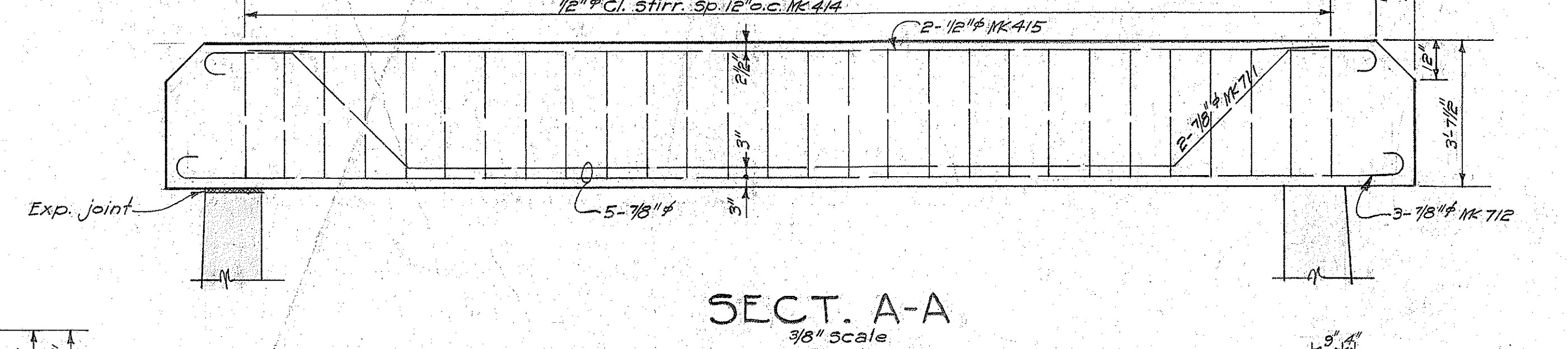
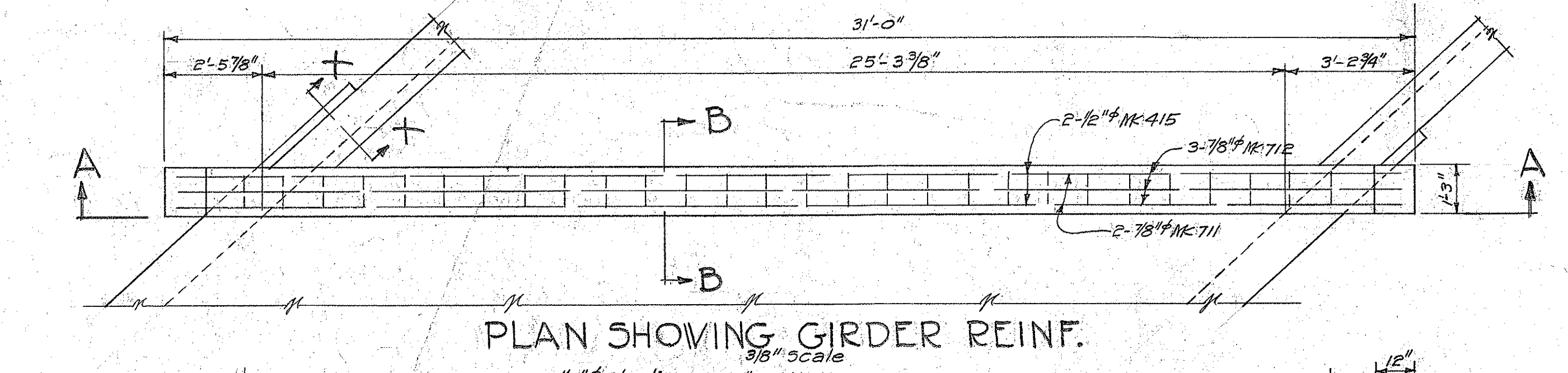
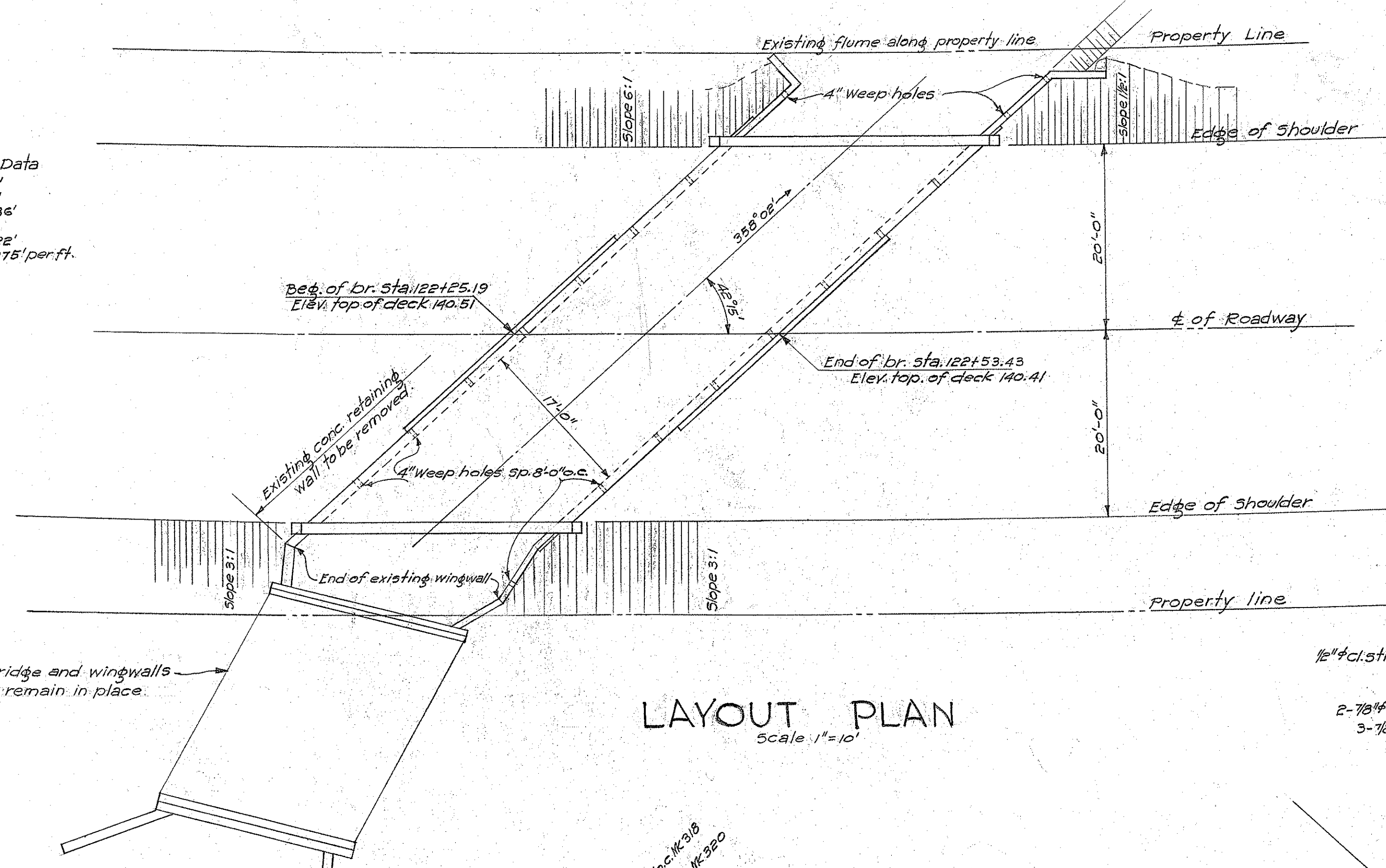
4468.13

Revision :- Change in Skew

ORIGINAL _____
 PLAN _____
 NOTE BOOK _____
 No. _____

DESIGNED BY *H. R. Barts/s* DATE _____
 DRAWN BY *P Yamashita* _____
 TRACED BY _____
 QUANTITIES BY *P Yamashita* _____
 QUANTITIES CHECKED BY *H. R. Barts/s* _____
 CHECKED BY _____

Curve Data
 $\Delta = 32^\circ 46'$
 $D = 3^\circ 00'$
 $R = 1909.86'$
 $L = 561.5'$
 $S.E. = 0.075'$ per ft.



NOTE: For Brush Coat Waterproofing See Sect. 34 Pamphlet 'N' of the specifications.

LOCATION	CLASS A CONC. C.Y.	REINF. ST. LB'S	STR. EXC. C.Y.
SUPERST.	62.6	7,852.0	
ABUT.	77.4	8,793.0	
WINGWALLS	12.2	1,243.0	
FOOTINGS	76.0	6,185.0	623.0
TOTAL	228.2	24,073.0	623.0

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

BRIDGE No. 2

STA. 122+25.19 TO 122+53.43

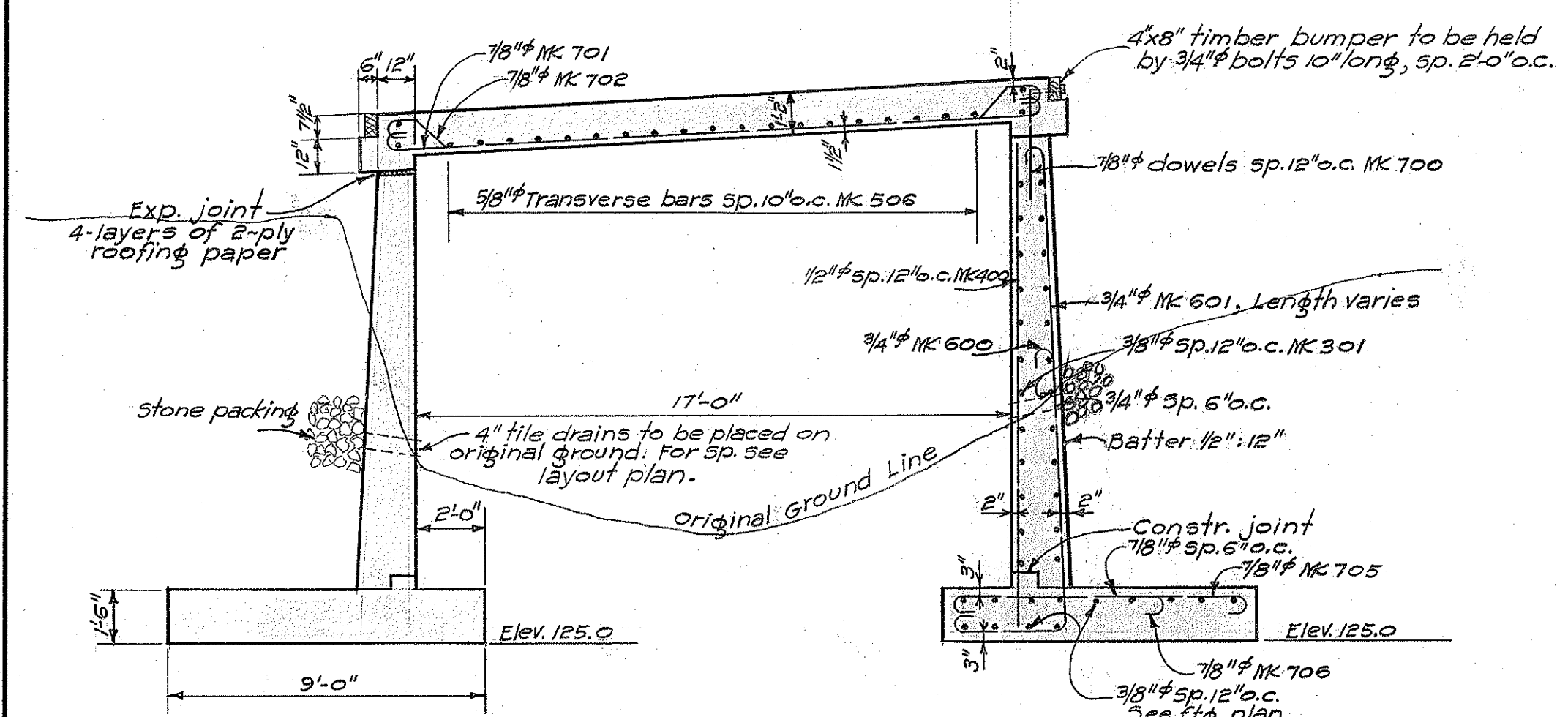
WAIANAE ROAD F.A.P. 4-D (1)

SHEET No. 14 OF 23 SHEETS

4468.14

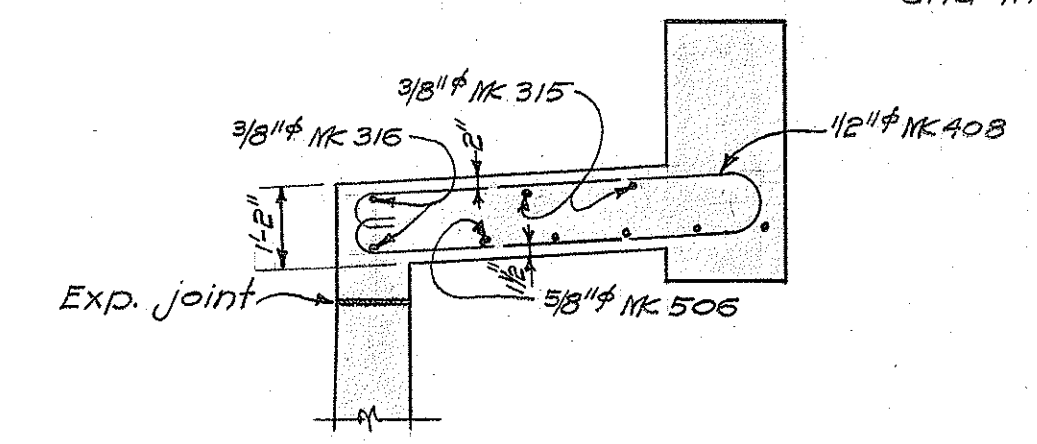
SURVEY PLOTTED BY: DATE: 10/1/39
DESIGNED BY: F. K. K. 10/1/39
DRAWN BY: F. K. K. 10/1/39
CHECKED BY: F. K. K. 10/1/39
NOTE BOOK No. 1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HI	4-D(1)	1940	15	23

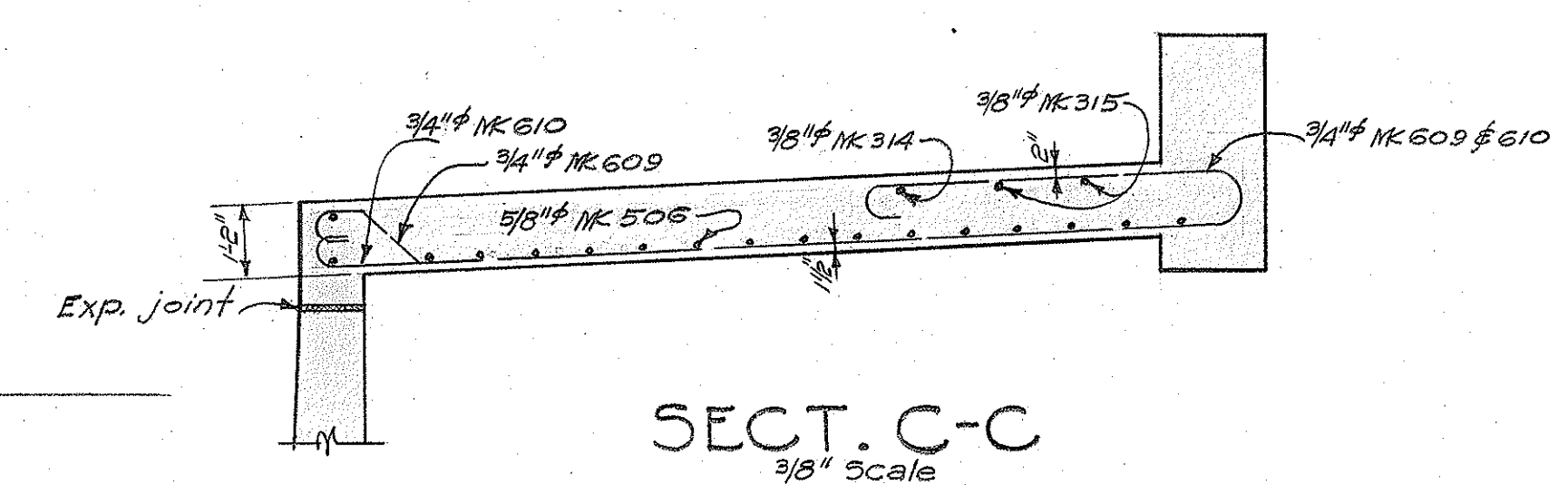
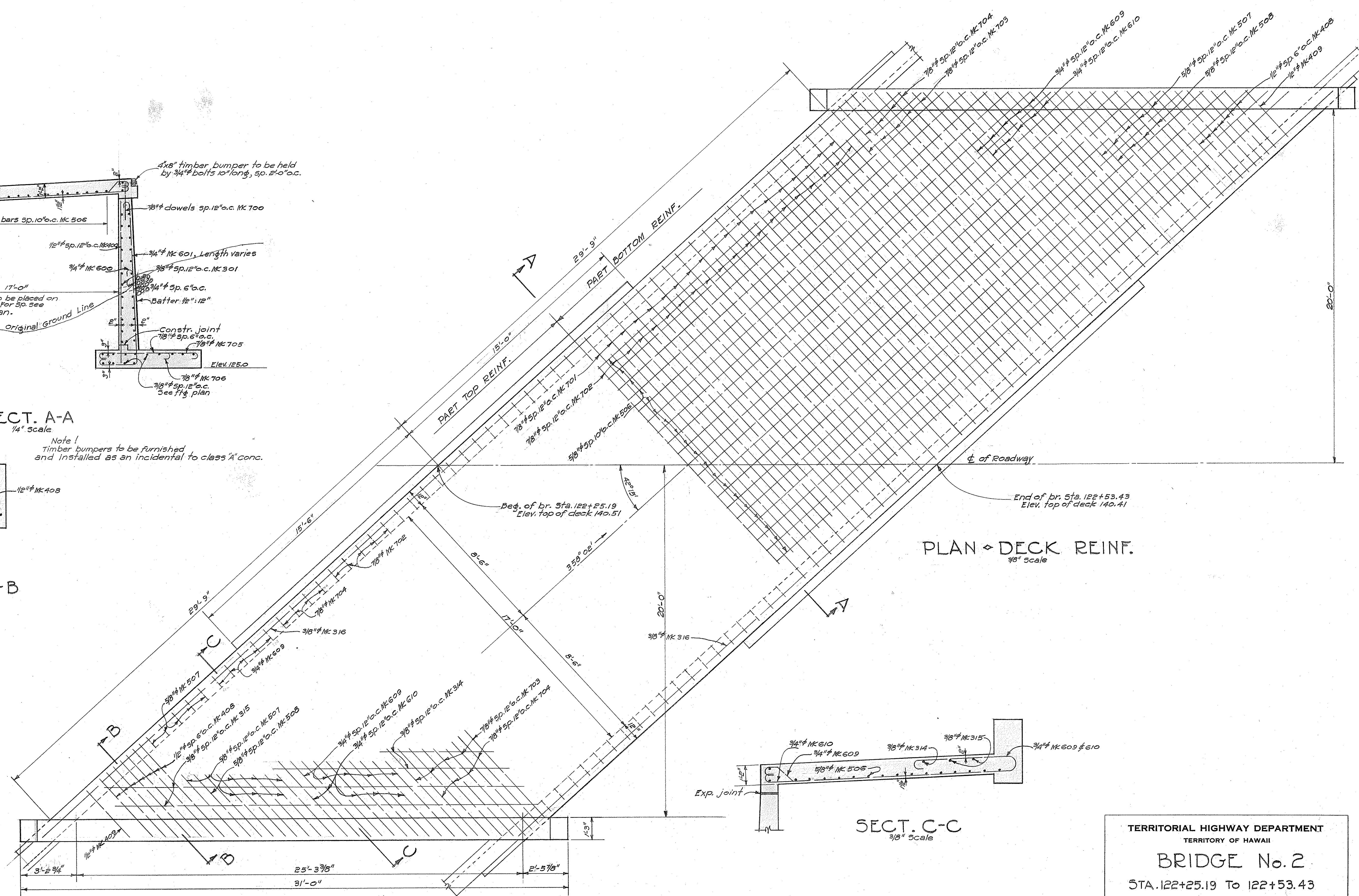


SECT. A-A
1/4" Scale

Note!
Timber bumpers to be furnished and installed as an incidental to class "A" conc.



SECT. B-B
3/8" Scale



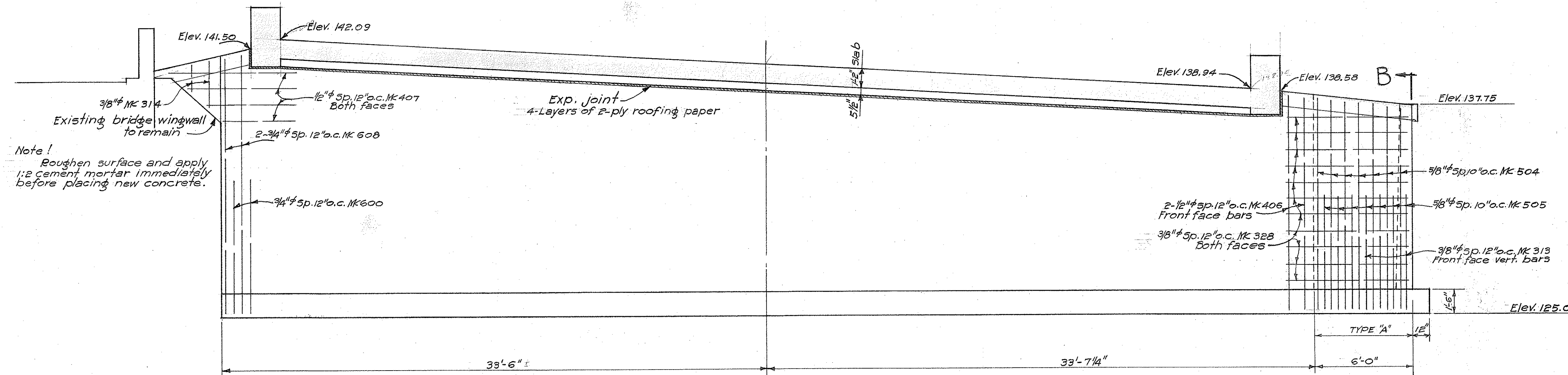
SECT. C-C
3/8" Scale

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
BRIDGE No. 2
STA. 122+25.19 To 122+53.43
VAIANAE ROAD F.A.P. 4-D(1)

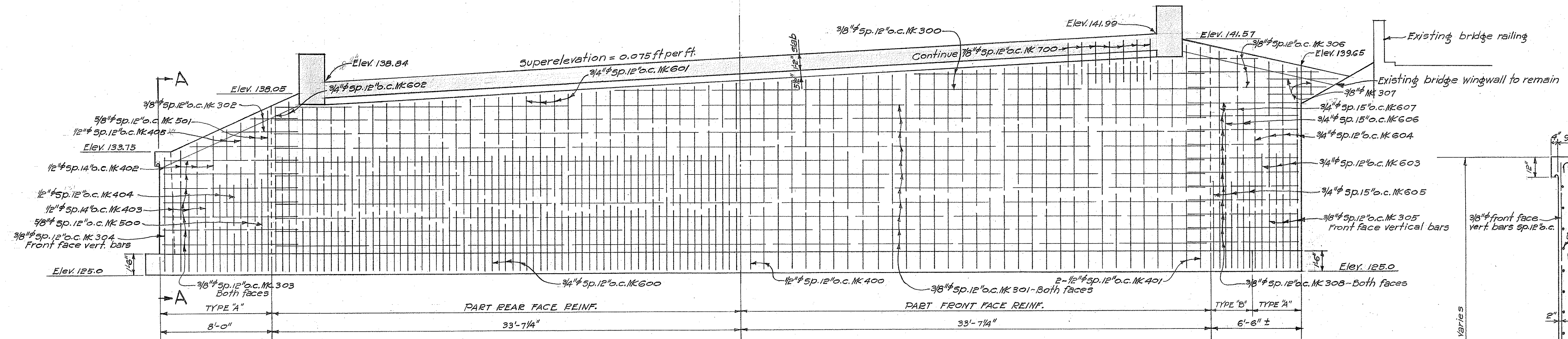
SHEET No 2 OF 3 SHEETS

4468.15

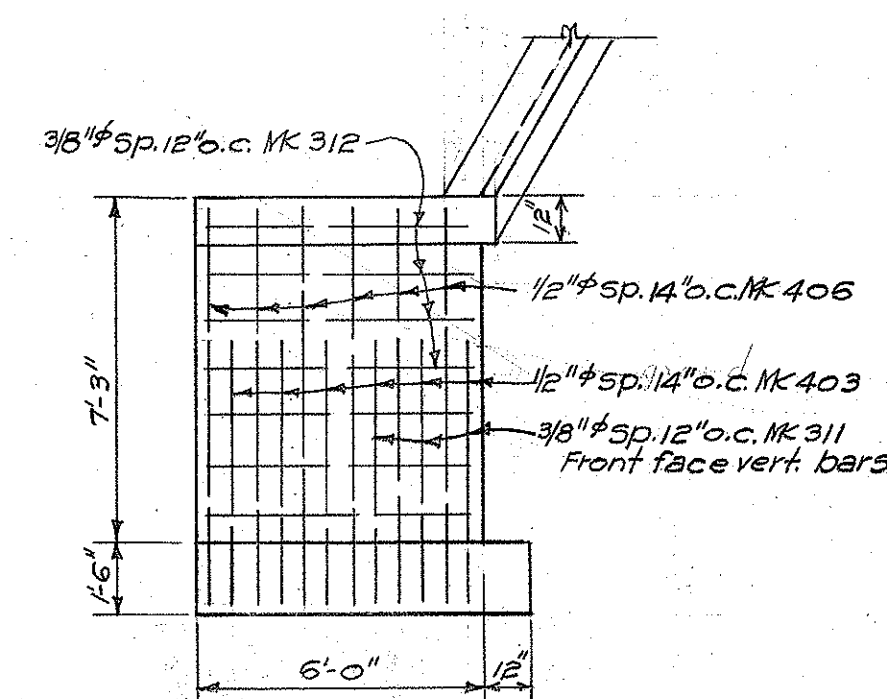
DATE: June 1938
DESIGNED BY: W. C. BARTLEY
CHECKED BY: R. K. KELLEY
QUANTITIES BY: R. K. KELLEY
NOTES: SEE FIG. 1
ORIGINAL PLAN
NOTE BOOK
No.



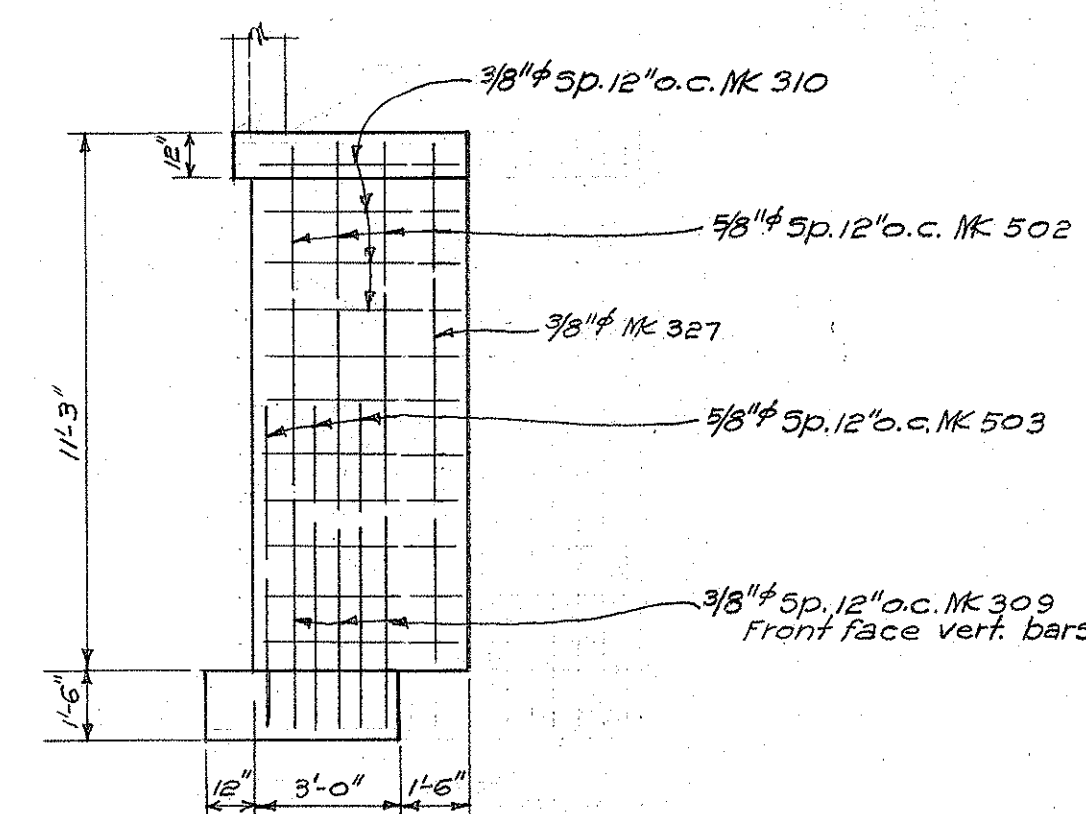
ABUTMENT No. 1
1/4" Scale



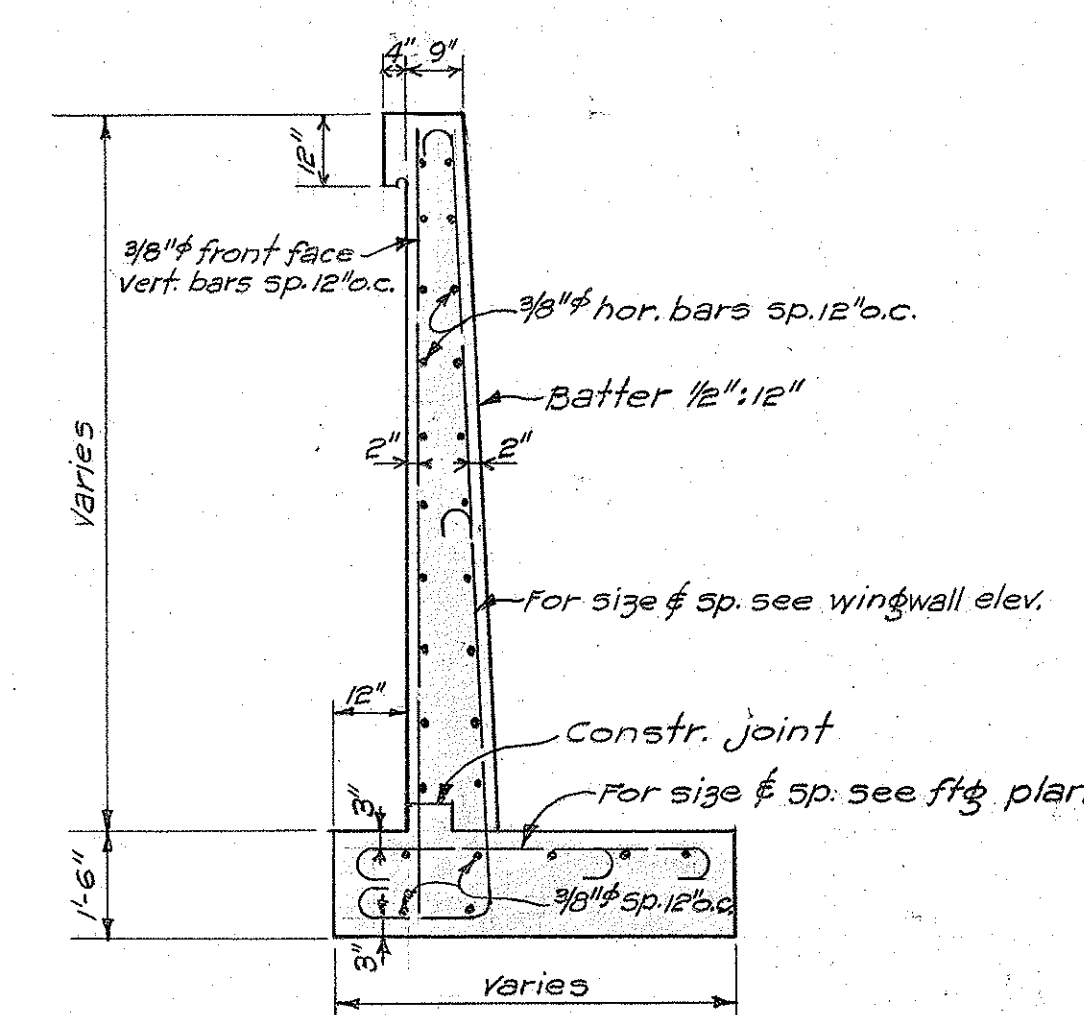
ABUTMENT No. 2
1/4" Scale



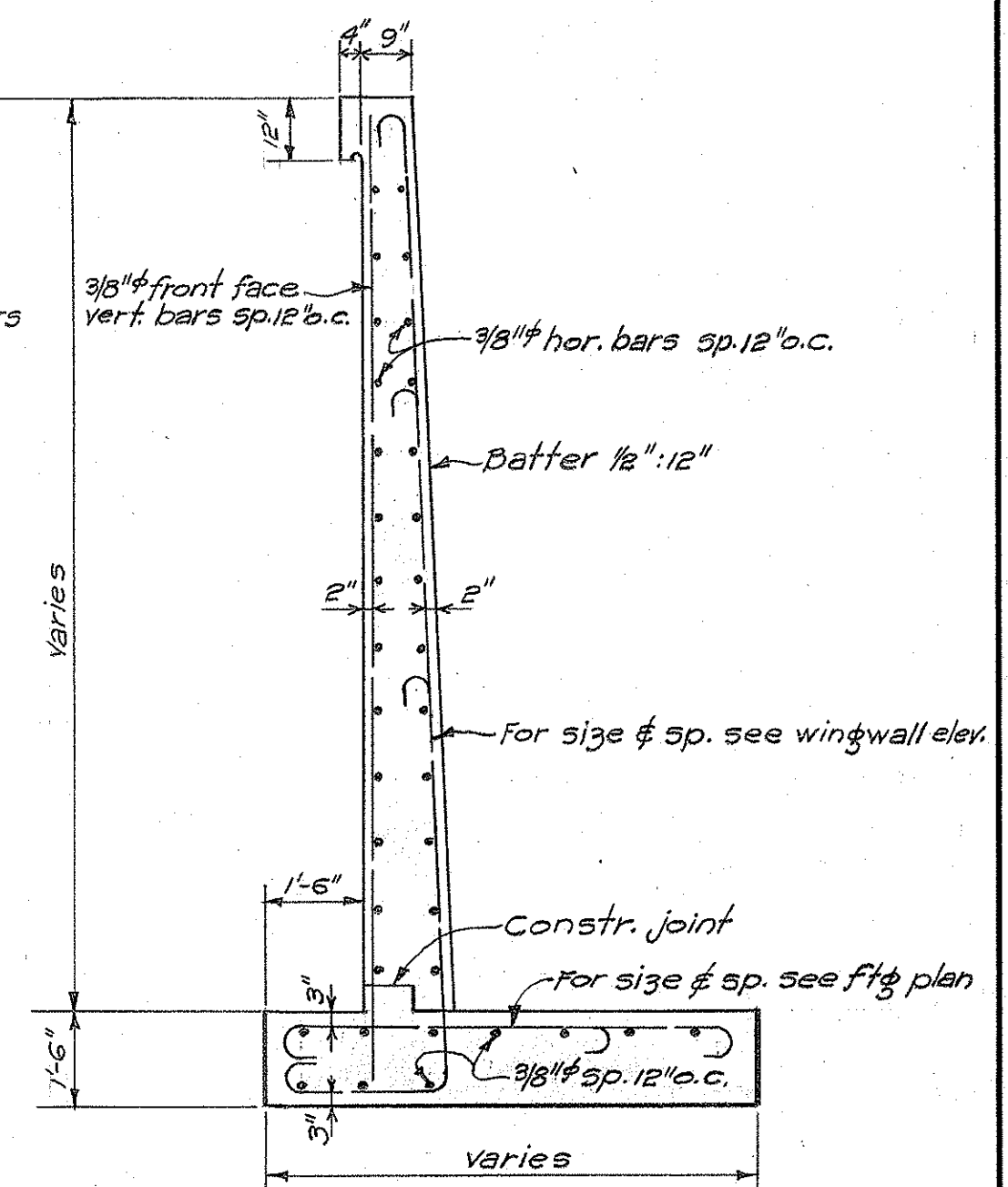
SECT. A-A
1/4" Scale



SECT. B-B
1/4" Scale



TYPE 'A' WINGWALL
3/8" Scale



TYPE 'B' WINGWALL
3/8" Scale

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
BRIDGE No. 2
STA. 122+25.19 TO 122+53.43
VAIANAE ROAD F.A.P. 4-D(1)

SHEET No. 3 OF 5 SHEETS

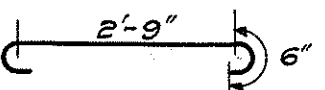
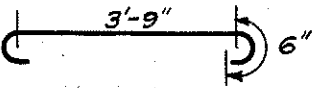
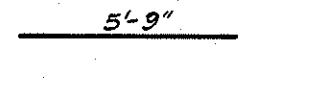
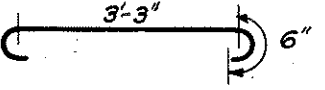
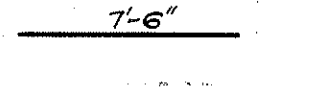
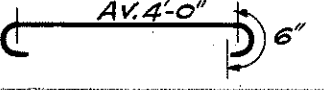
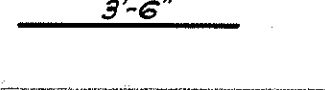
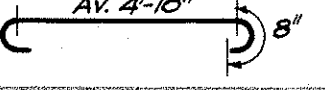
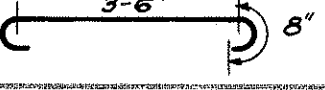
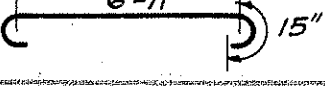
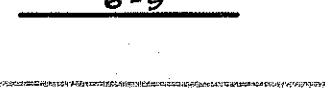
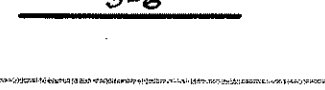
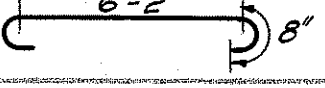
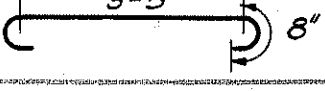
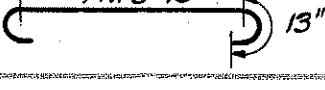
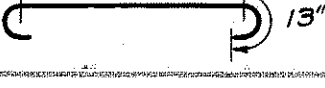
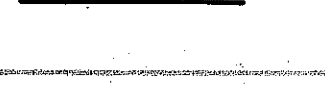
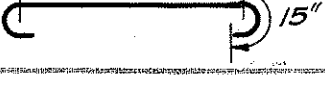
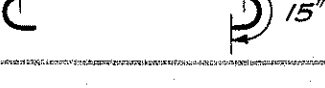
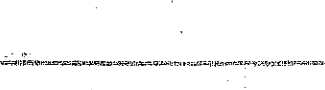
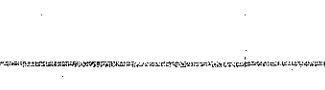
4468.16

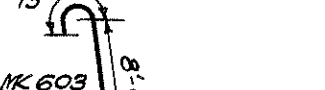
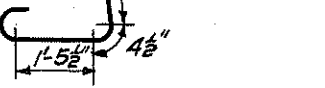
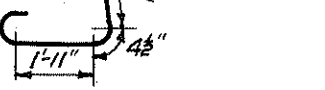
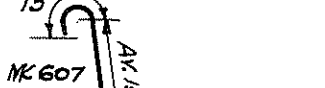
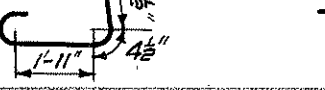
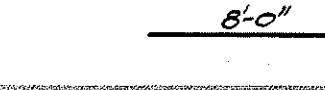
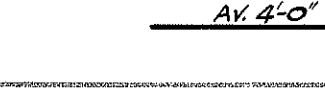
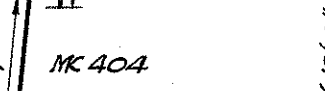
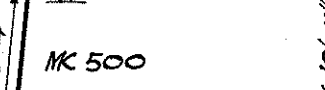
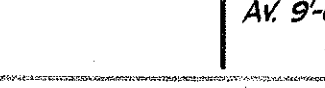
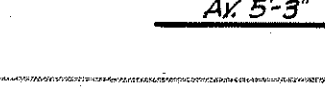
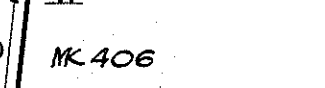
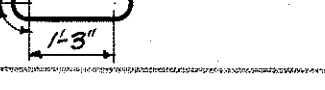
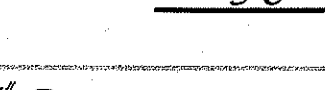
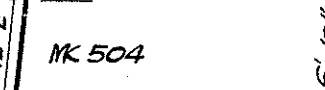
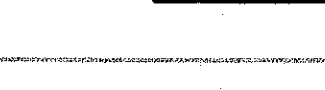
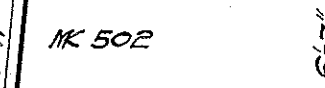
SURVEY PLOTTED BY: DATE: June 1935
DESIGNED BY: H. E. 125
TRACED BY: H. E. 125
QUANTITIES BY: H. E. 125
CHECKED BY: H. E. 125
ORIGINAL PLAN: No.

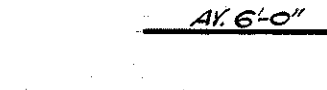
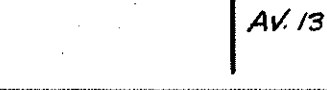
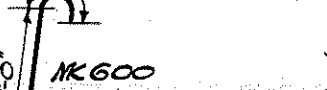
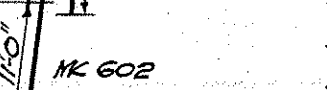
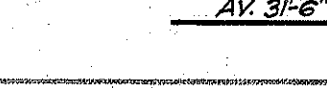
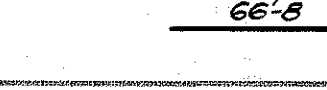
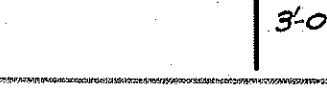
Note!
For constr. joint detail and waterproofing
see Bridge No. 1, sheet No. 3.

STEEL SCHEDULE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	4D (1)	1940	17	23

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
320		FOOTINGS W.W. Abut. No. 2-Lt.	3/8"	3'-9"	4	1	4	15.0	0.38	6
319		"	"	4'-9"	5	1	5	23.75	"	9
318		"	"	5'-9"	6	1	6	34.5	"	13
323		"	"	4'-3"	4	1	4	17.0	"	6
322		"	"	7'-6"	6	1	6	45.0	"	17
324		"	Var. AV. 5'-0"	2	1	2	10.0	"	"	4
321		"	"	3'-6"	1	1	1	3.5	"	2
410		"	1/2"	Var. AV. 6'-2"	4	1	4	24.68	0.67	16
411		"	"	4'-10"	5	1	5	24.15	"	16
610		W.W. Abut. No. 2-Rt.	3/4"	Var. AV. 7'-8"	5	1	5	38.35	1.50	57
611		"	"	5'-11"	2	1	2	11.84	"	18
707		"	7/8"	9'-5"	2	1	2	18.84	2.04	38
708		"	"	6'-11"	4	1	4	27.68	"	56
325		"	3/8"	6'-9"	8	1	8	54.0	0.38	20
329		"	"	3'-6"	2	1	2	7.0	"	3
412		W.W. Abut. No. 1-Lt.	1/2"	7'-6"	5	1	5	37.5	0.67	25
413		"	"	4'-9"	4	1	4	19.0	"	13
612		"	3/4"	Var. AV. 6'-0"	3	1	3	18.0	1.50	27
613		"	"	Var. AV. 7'-7"	2	1	2	15.16	"	23
710		"	7/8"	6'-8"	3	1	3	20.0	2.04	41
709		"	"	Var. AV. 8'-8"	3	1	3	26.0	"	53
326		"	3/8"	Var. AV. 4'-0"	3	1	3	12.0	0.38	4
705		Abut. No. 1-Rt.	7/8"	10'-5"	68	2	136	1417.12	2.04	2891
706		"	"	7'-11"	67	2	134	1061.28	"	2165
317		"	3/8"	6'-8"	13	2	26	1733.4	0.38	659
330		"	"	6'-6"	1	1	1	6.5	"	3

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
603		WINGWALLS Abut. No. 2-Rt.	3/4"	12'-0"	3	1	3	36.0	1.50	54
604		"	"	Var. AV. 18'-2"	4	1	4	72.68	"	109
605		"	"	10'-6"	3	1	3	31.5	"	47
606		"	"	15'-6"	2	1	2	31.0	"	46
607		"	"	Var. AV. 19'-6"	2	1	2	39.0	"	58
306		"	3/8"	Var. AV. 8'-2"	3	2	6	49.0	0.38	19
305		"	"	Var. AV. 15'-0"	7	1	7	105.0	"	40
308		"	"	8'-0"	11	2	22	176.0	"	67
307		"	"	Var. AV. 4'-0"	3	2	6	24.0	"	10
403		Abut. No. 2-Lt.	1/2"	8'-2"	9	1	9	73.53	0.67	49
402		"	"	Var. AV. 11'-6"	4	1	4	46.0	"	31
404		"	"	9'-0"	2	1	2	18.0	"	12
405		"	"	Var. AV. 12'-11"	2	1	2	25.84	"	17
500		"	5/8"	9'-10"	2	1	2	19.66	1.04	20
501		"	"	Var. AV. 14'-5"	2	1	2	28.84	"	30
304		"	3/8"	Var. AV. 9'-6"	8	1	8	76.0	0.38	29
302		"	"	Var. AV. 5'-3"	3	2	6	31.5	"	12
303		"	"	9'-6"	7	2	14	133.0	"	50
406		"	1/2"	10'-10"	6	1	6	64.98	0.67	44
311		"	3/8"	8'-0"	6	1	6	48.0	0.38	18
312		"	"	5'-6"	7	2	14	77.0	"	29
504		Abut. No. 1-Lt.	5/8"	Var. AV. 15'-9"	7	1	7	110.25	1.04	115
505		"	"	10'-5"	7	1	7	72.94	"	76
313		"	3/8"	Var. AV. 12'-6"	6	1	6	75.0	0.38	28
328		"	"	7'-6"	11	2	22	165.0	"	63
310		"	"	4'-0"	11	2	22	88.0	"	33
502		"	5/8"	15'-6"	3	1	3	46.5	1.04	48
503		"	"	10'-2"	3	1	3	30.51	"	32

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
309		WINGWALLS Abut. No. 1-Lt.	3/8"	12'-3"	3	1	3	36.75	0.38	14
327		"	"	10'-9"	2	1	2	21.5	"	8
314		Abut. No. 1-Rt.	"	Var. AV. 2'-3"	2	2	4	9.0	"	3
407		"	1/2"	Var. AV. 6'-0"	4	2	8	48.0	0.67	32
		"	"	bend to fit						
400		ABUT. Abut. No. 1-Rt.	1/2"	Var. AV. 13'-3"	63	2	126	1669.5	0.67	1119
401		"	"	Var. AV. 16'-0"	2	2	4	64.0	"	43
406		"	"	Var. AV. 13'-0"	2	2	4	52.0	"	35
600		"	3/4"	13'-2"	67	2	134	1764.8	1.50	2647
601		"	"	Var. AV. 16'-5"	64	2	128	2101.76	"	3153
602		"	"	Var. AV. 16'-1"	2	2	4	64.32	"	96
608		"	"	Var. AV. 20'-5"	2	2	4	81.68	"	122
300		"	3/8"	Var. AV. 31'-6"	2	4	8	2520.0	0.38	96
301		"	"	66'-8"	11	4	44	2933.5	"	1115
700		Abut. No. 2	7/8"	3'-0"	60	1	60	180.0	2.04	367

DESIGNED BY: W. P. Barthelemy
DATE: 11/1939
DRAWN BY: P. Lang
CHECKED BY: P. C.
QUANTITIES CHECKED BY: T. J. G.
NOTE BOOK
No.

CONTRACTOR'S NOTE

This steel schedule is subordinate to details shown on the plans. In case of discrepancy between steel list and detail drawings the latter shall govern.

The Territorial Highway Dept. does not assume responsibility for any errors that may occur in the steel schedule. Contractor shall check steel before placing order.

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

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

BRIDGE No. 2

STA. 122+25.19 TO 122+53.43

WAIANA E ROAD F.A.P. 4D(1)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	4D(1)	1940	18	23

[illegible][illegible]

4468.18

ORIGINAL
 PLAN
 NOTE BOOK
 No.
 DESIGNED BY *W. E. Barthe/s*
 DRAWN BY *P. Kang*
 TRACED BY
 QUANTITIES BY *P. K.*
 QUANTITIES CHECKED BY *T. Ting*
 CHECKED BY
 DATE *Jul. 1936*