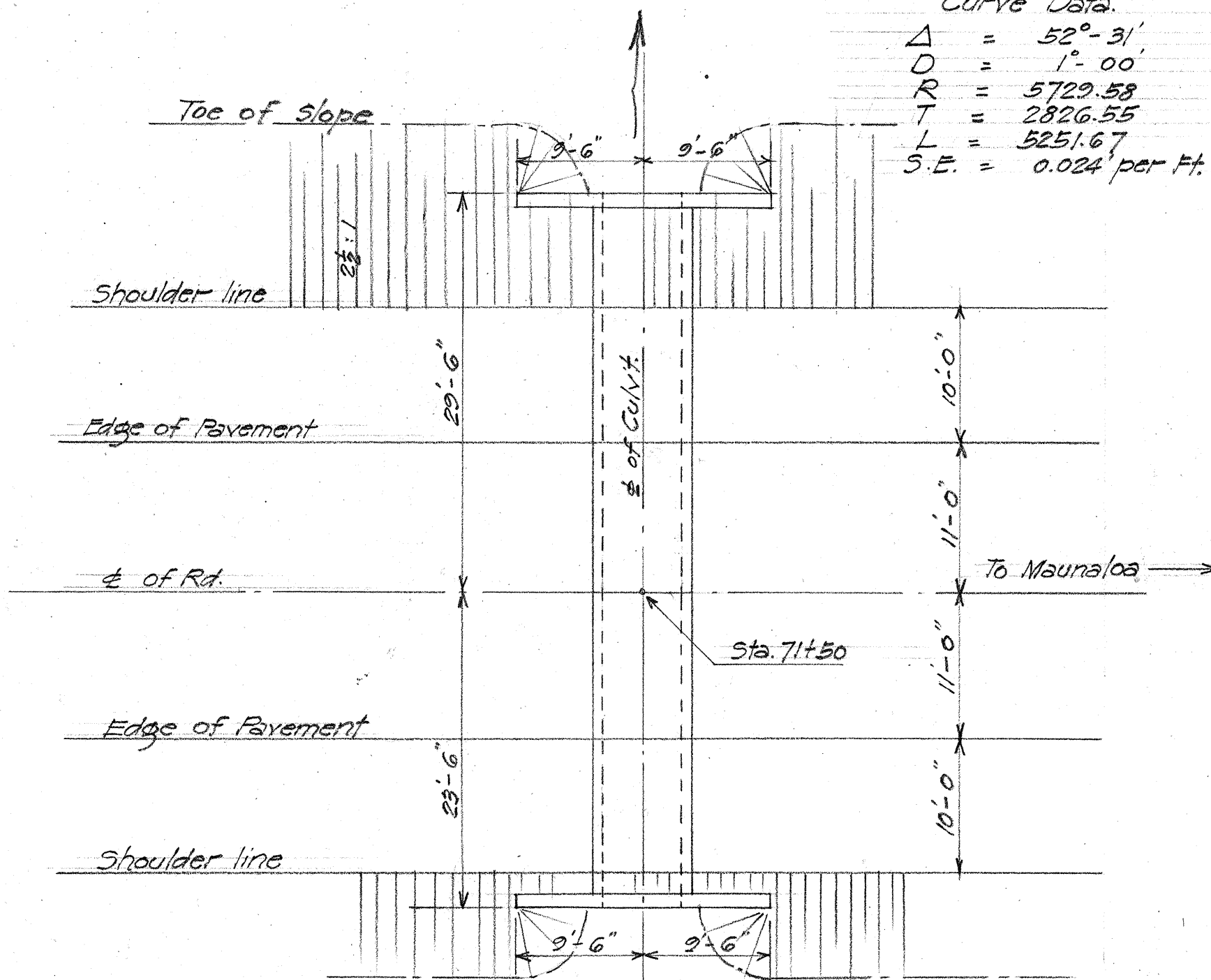
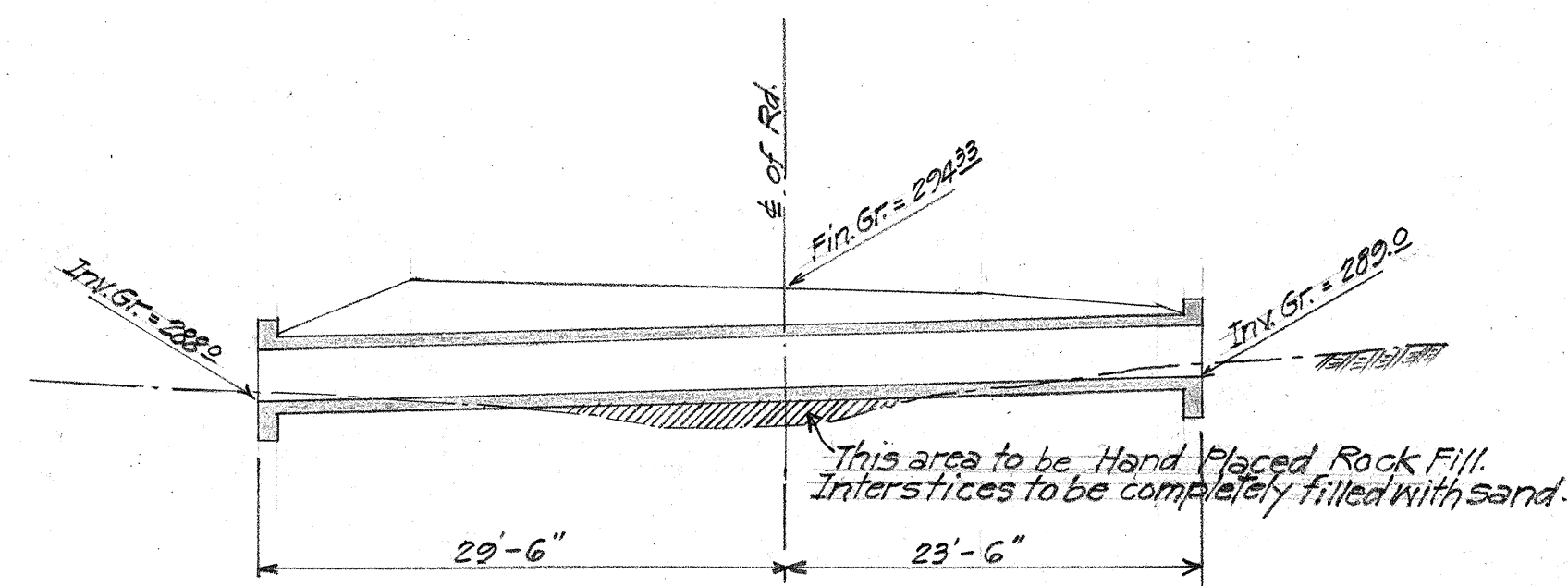


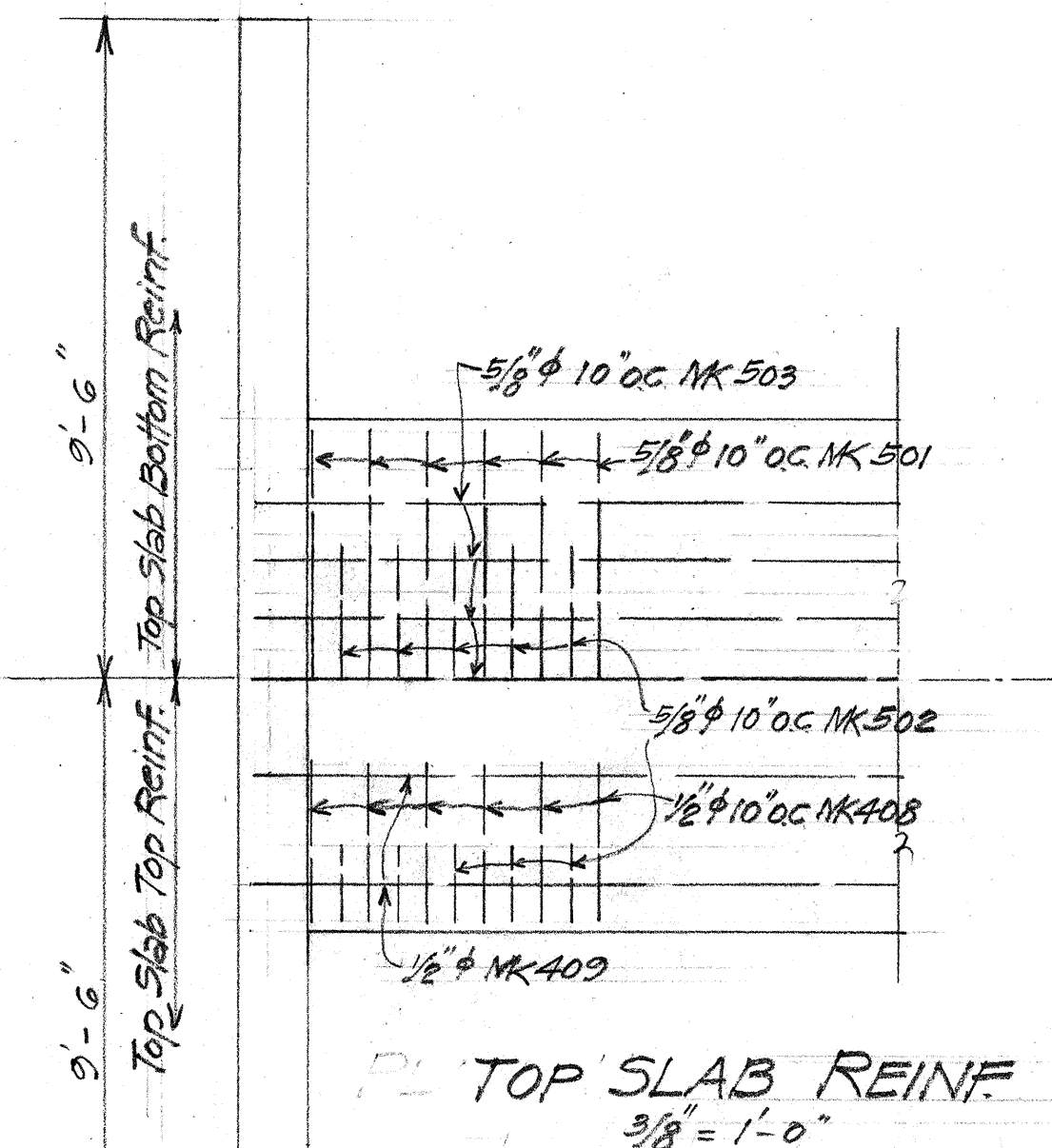
Curve Data
 $\Delta = 52^\circ-31'$
 $DO = 1''-00''$
 $R = 5729.53$
 $L = 2826.55$
 $SE = 5251.67$
 $S.E. = 0.024$ per Ft.



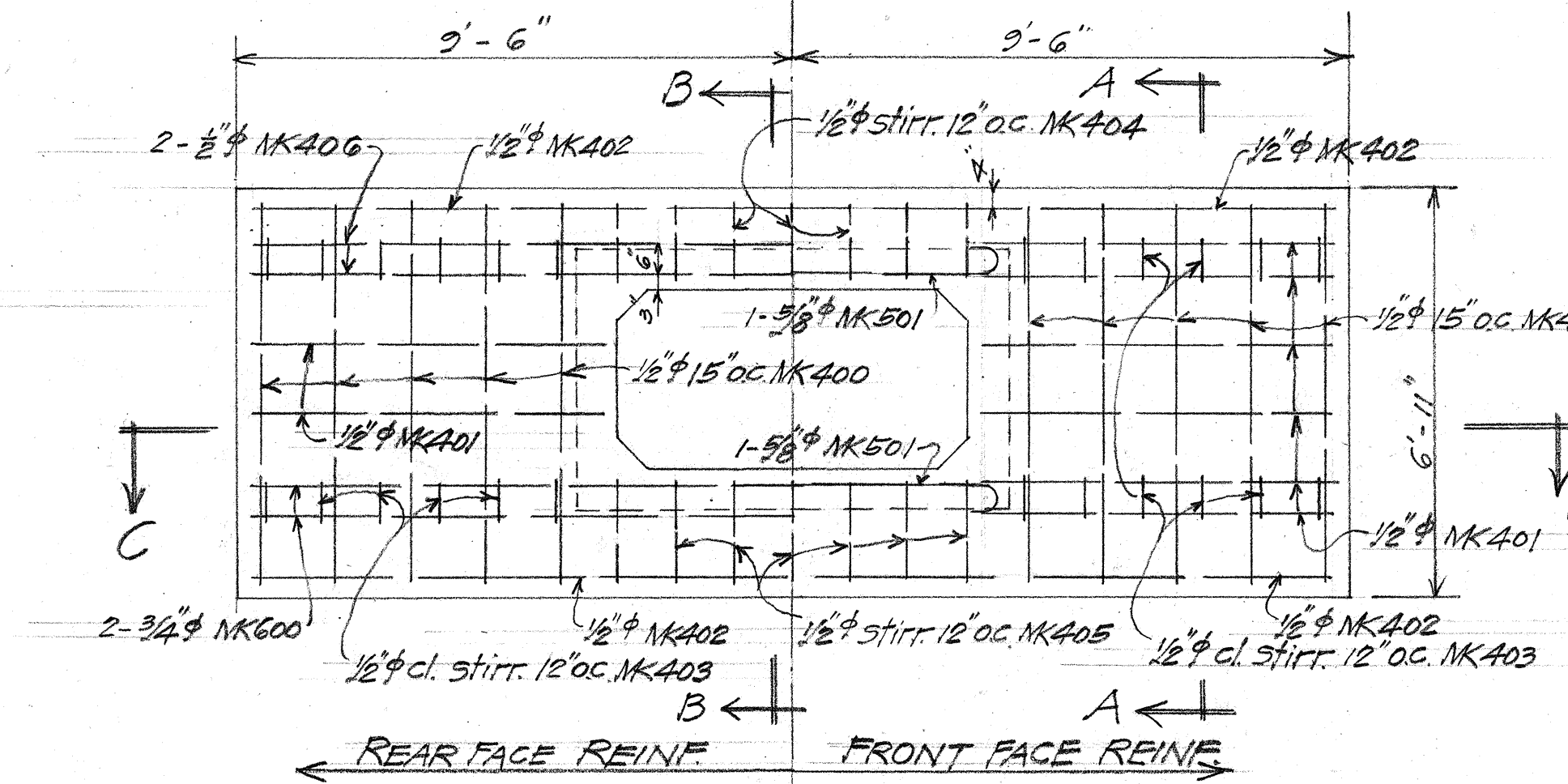
LAYOUT PLAN
 $1'' = 10'-0''$



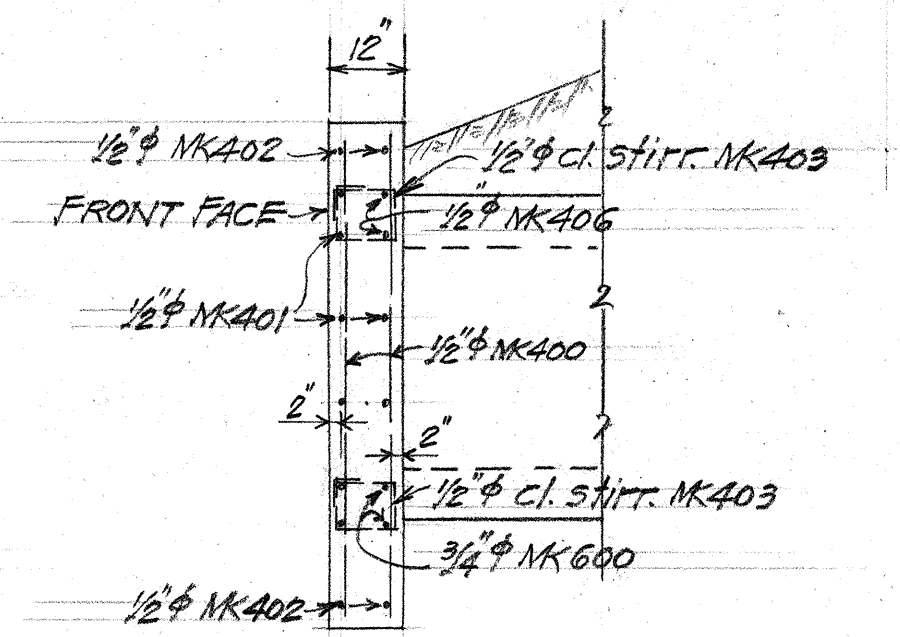
SECTION ALONG CL OF CULVERT.
 $1'' = 10'-0''$



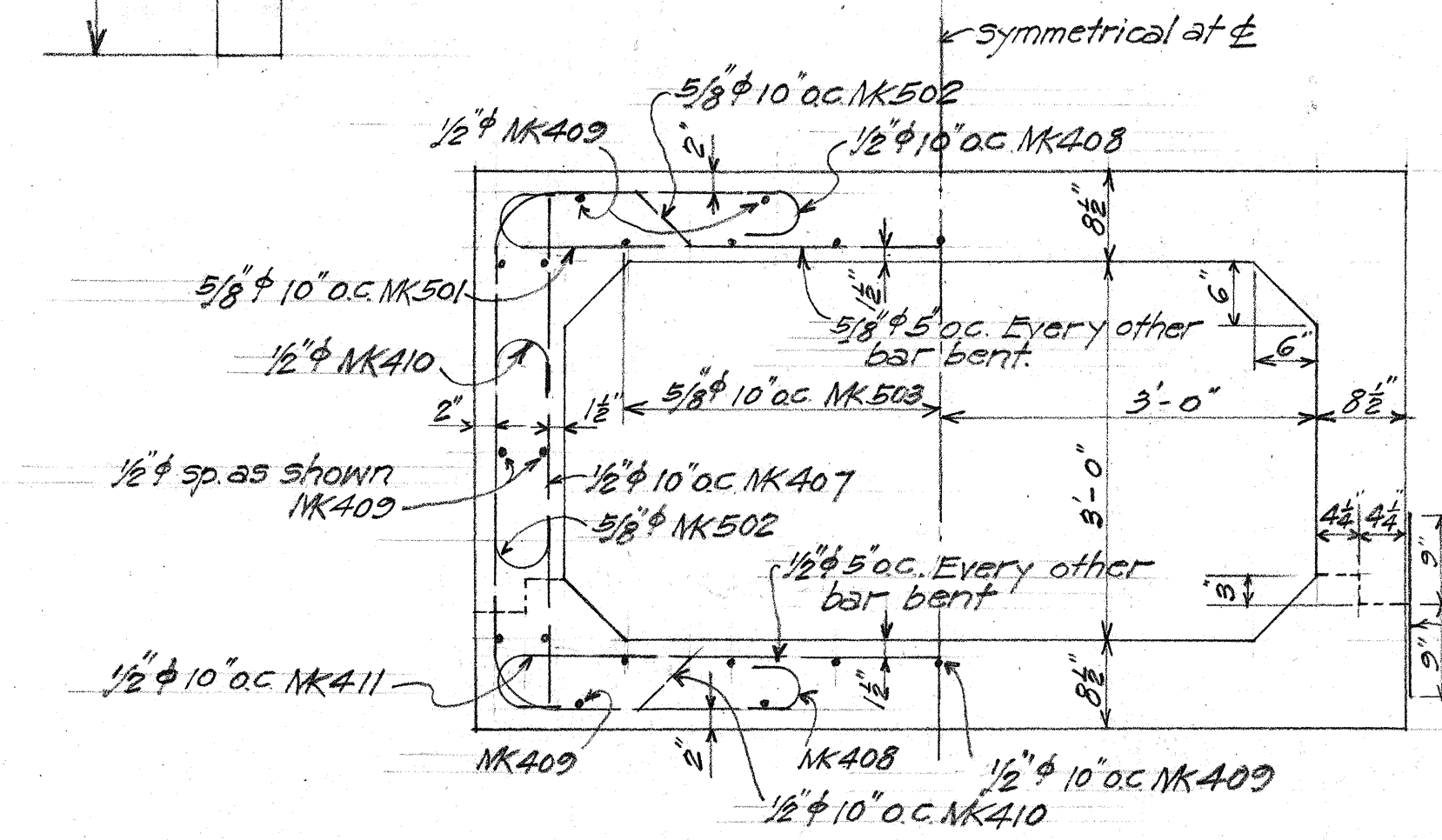
TOP SLAB REINF
 $3/8'' = 1'-0''$



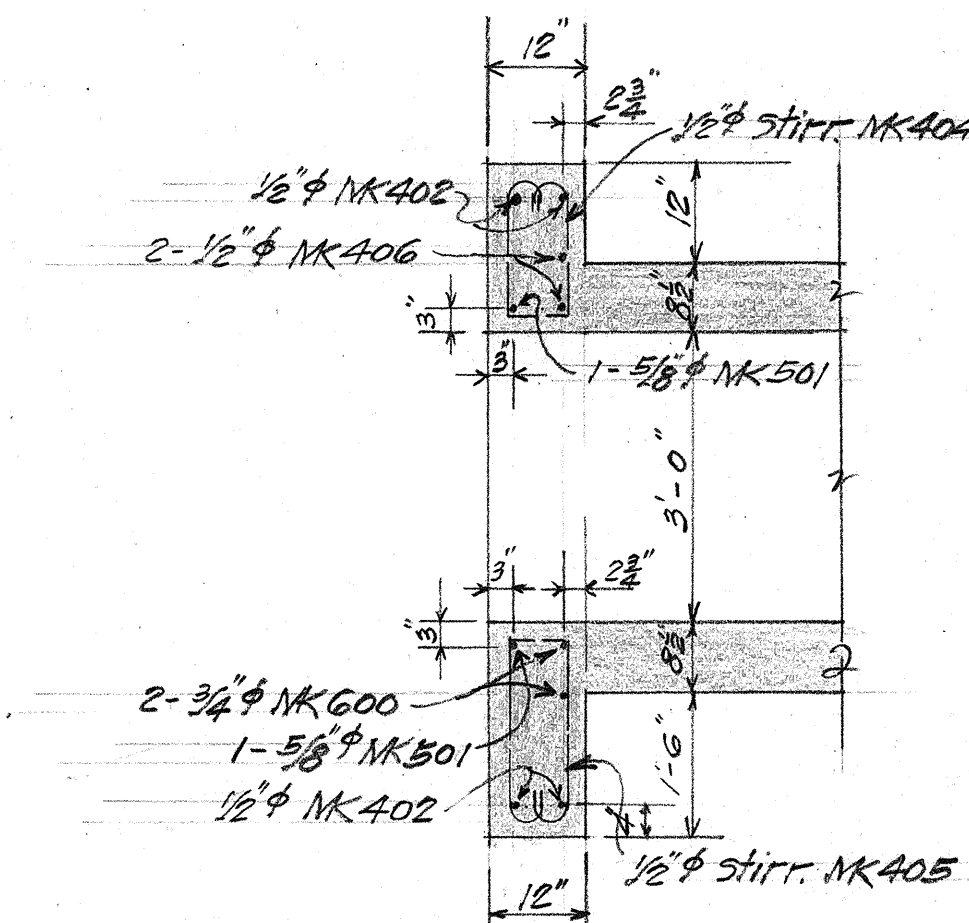
HEADWALL ELEVATION
 $3/8'' = 1'-0''$



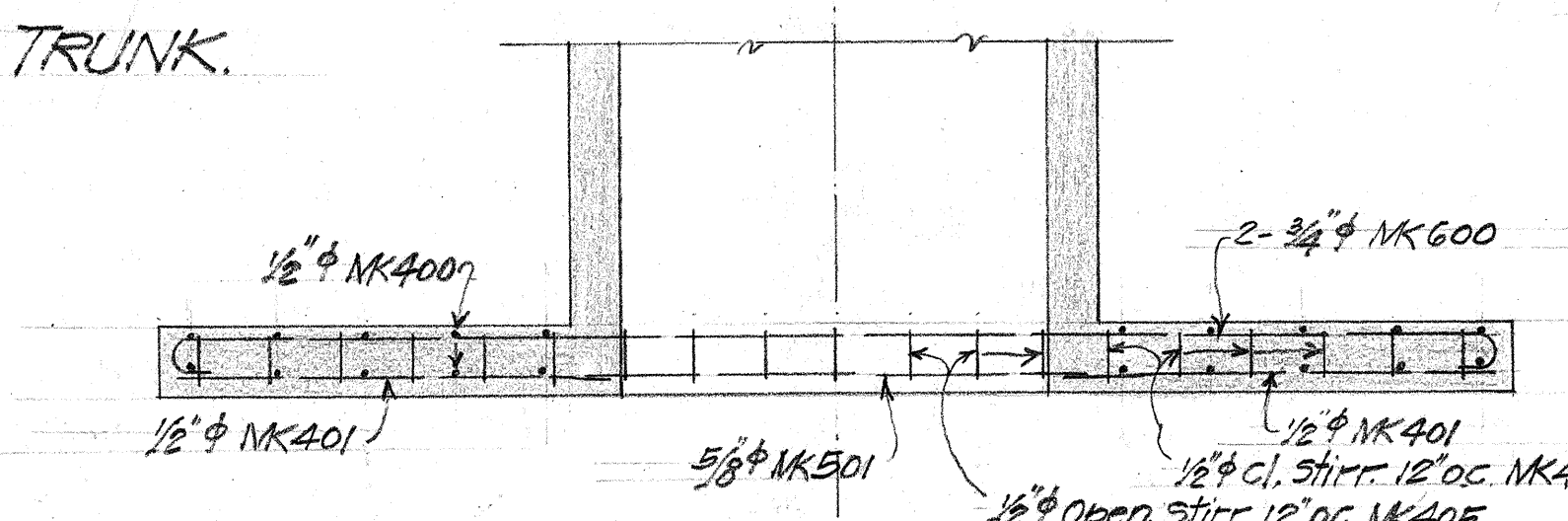
SECTION A-A
 $3/8'' = 1'-0''$



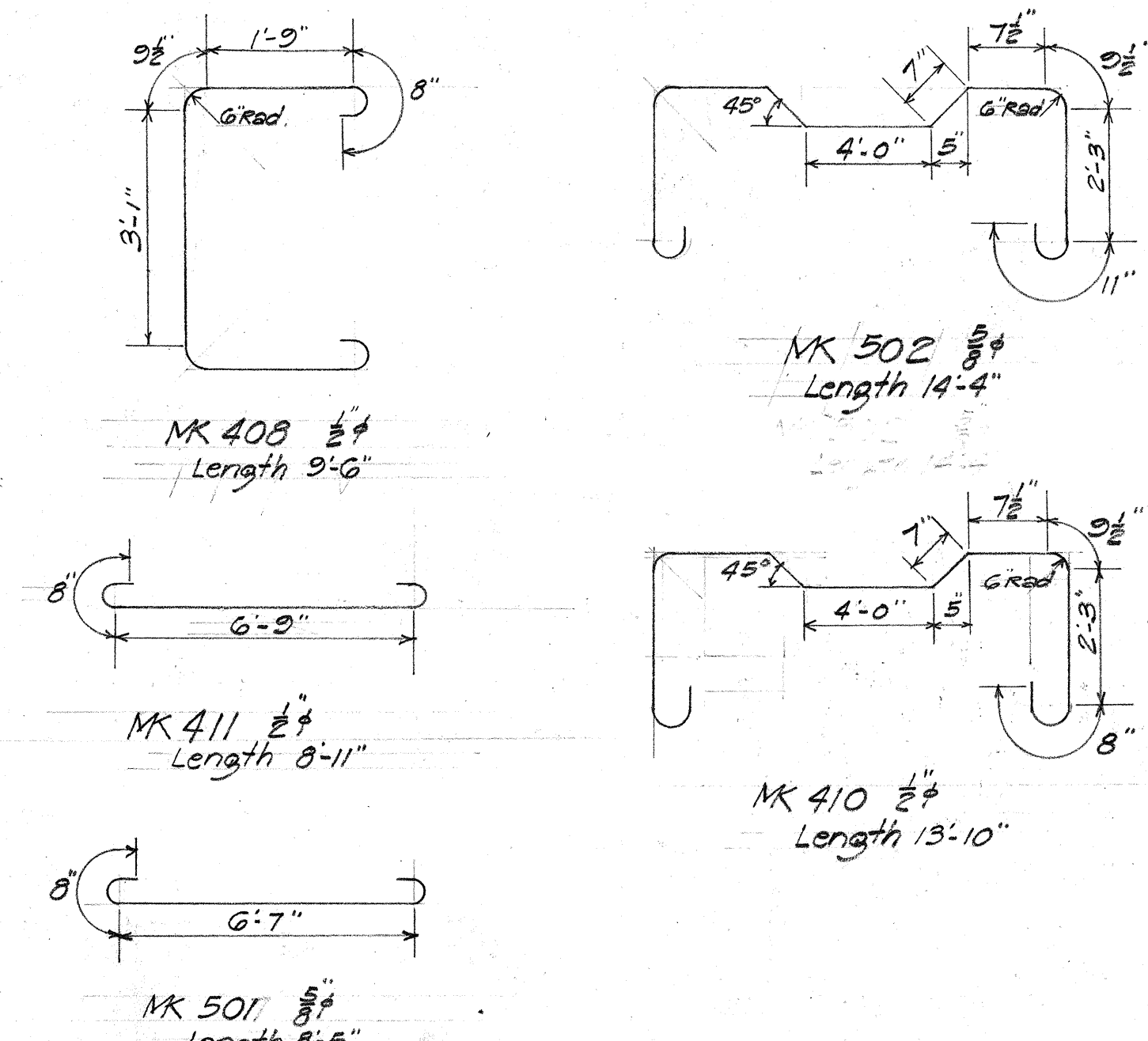
NORMAL SECTION OF TRUNK.
 $3/4'' = 1'-0''$



SECTION B-B
Scale $\frac{1}{2}'' = 1'-0''$



SECTION C-C
 $3/8'' = 1'-0''$



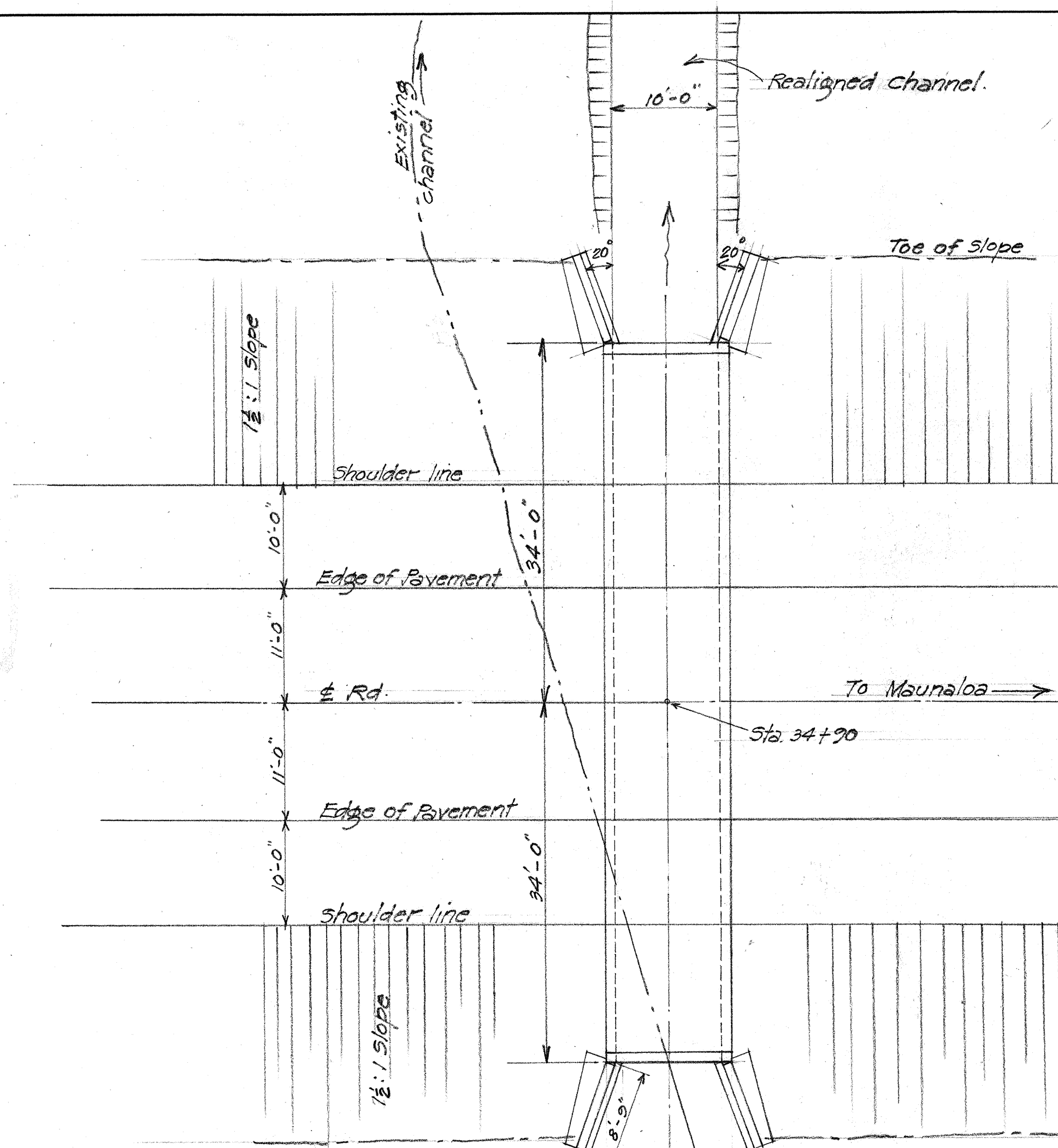
ESTIMATED QUANTITIES	
Item	Quantity
Class A Conc.	37.3 C.Y.
Reinf Steel	5545 lbs
Str. Exc.	19.2 C.Y.
Hand Placed Rock Fill	8.1 C.Y.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
6'x3' BOX CULVERT
Sta. 71+50
MOLOKAI AIRPORT ACCESS RD.
DA-WC 6(2)
Aug 1944
SHEET 1 OF 1 SHEET.

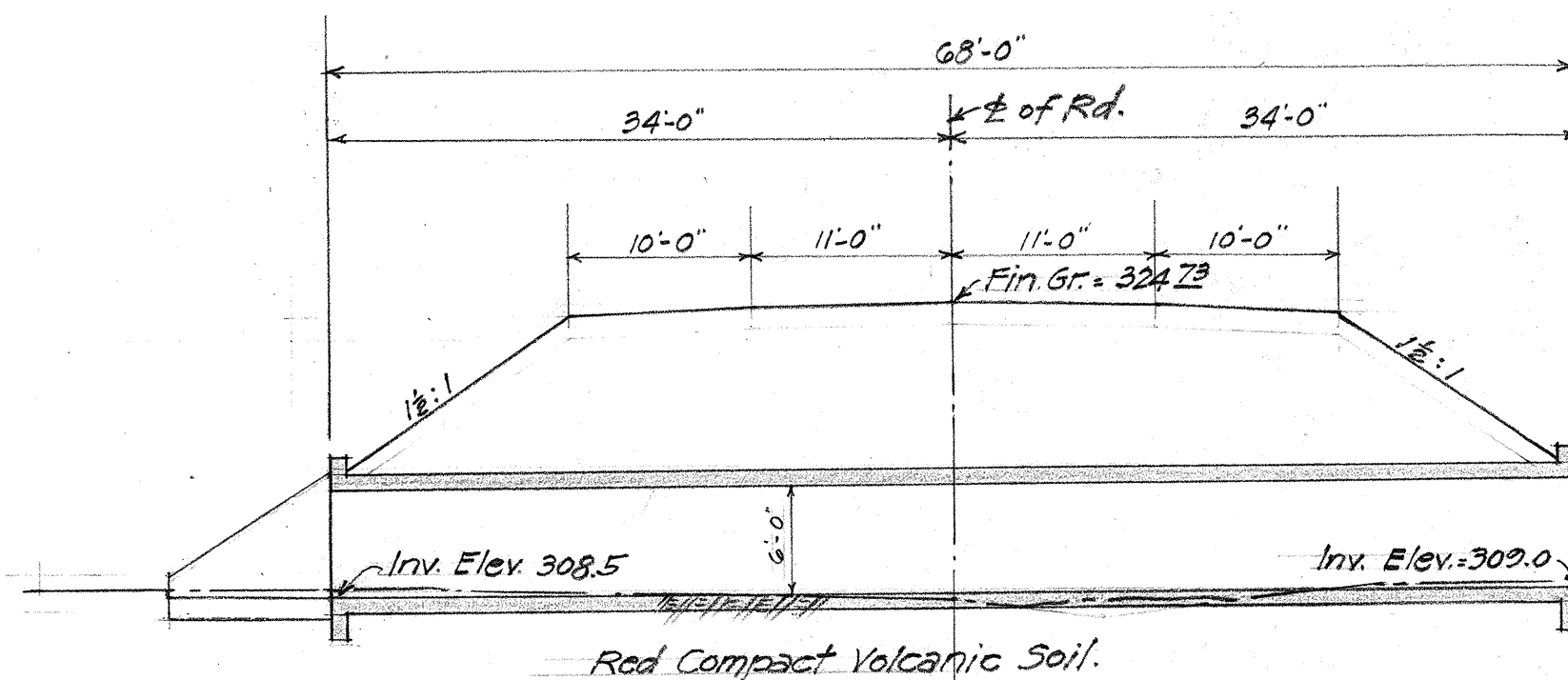
ORIGINAL PLAN
DESIGNED BY
NOTED BY
QUANTITIES BY
CHECKED BY
DATE
Aug 1944

SURVEY PLOTTED BY: _____ DATE: _____
 PLAN: _____
 DRAWN BY: _____
 CHECKED BY: _____
 NOTE BOOK: _____
 QUANTITIES BY: _____
 CHECKED BY: _____

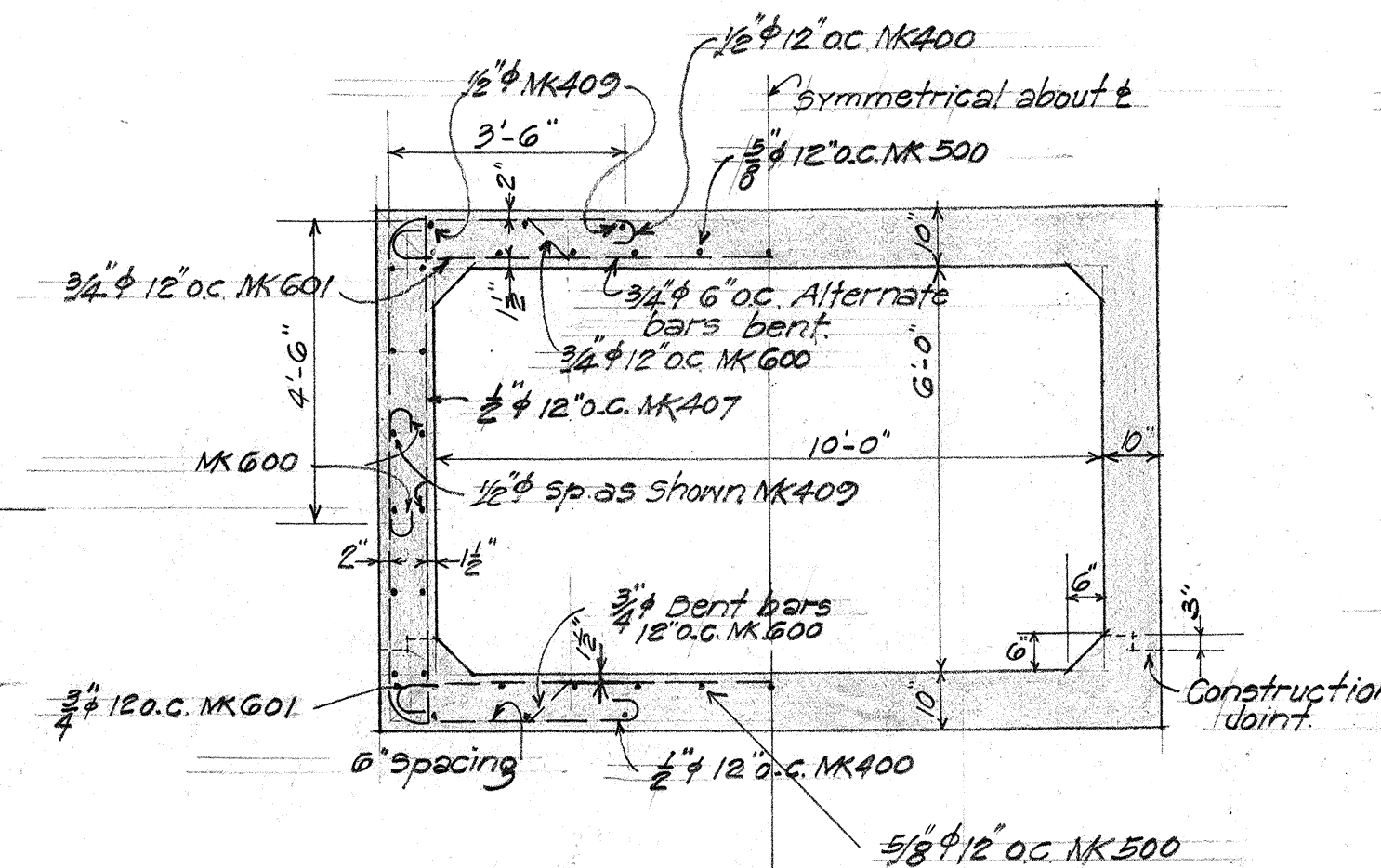
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	DA-WC66	1944	10	16



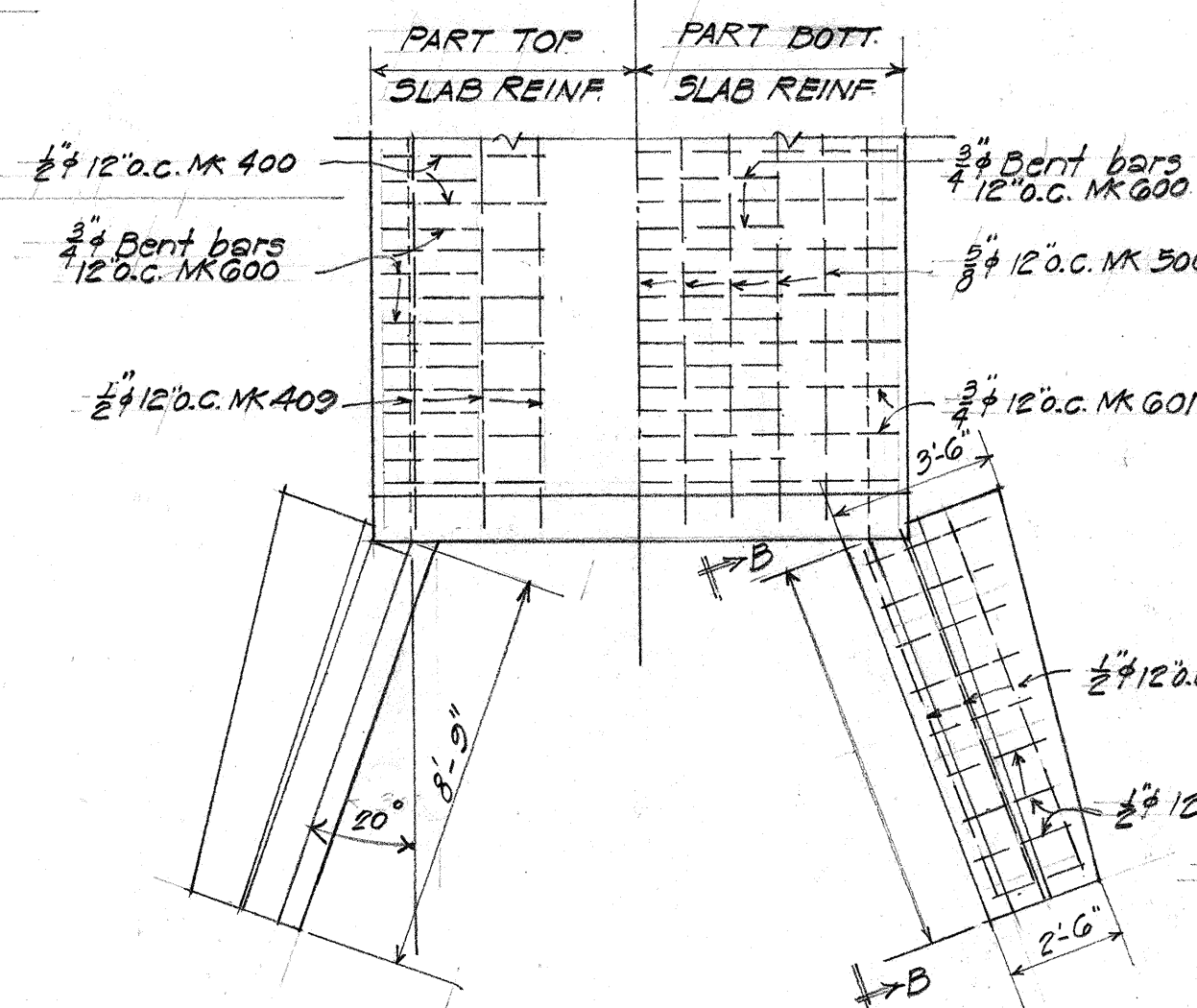
LAYOUT PLAN
Scale 1"=10'-0"



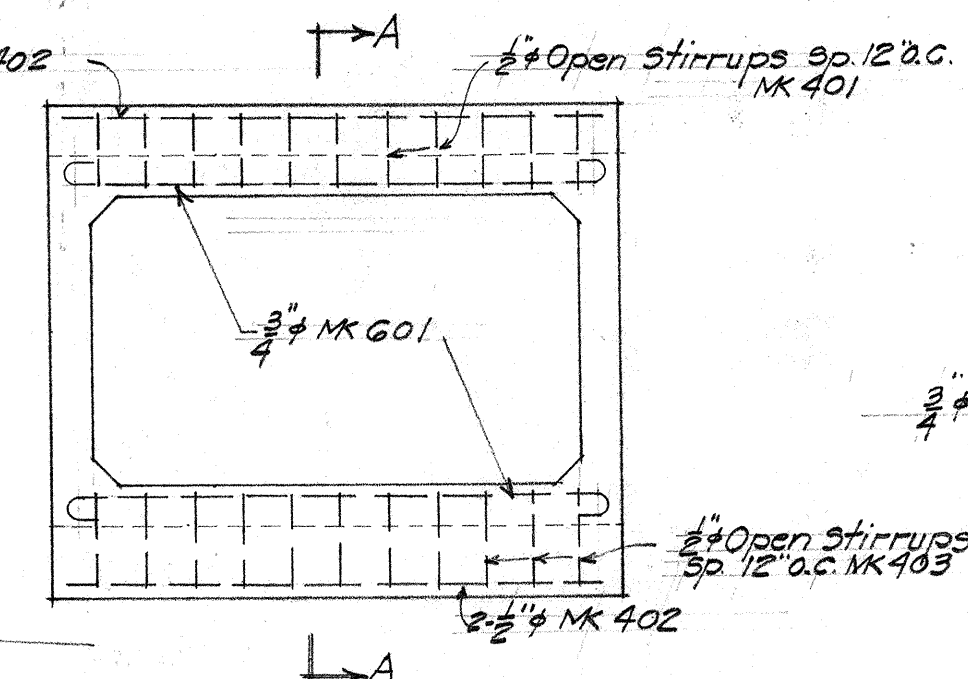
SECTION ALONG & CULVERT
Scale 1"=10'-0"



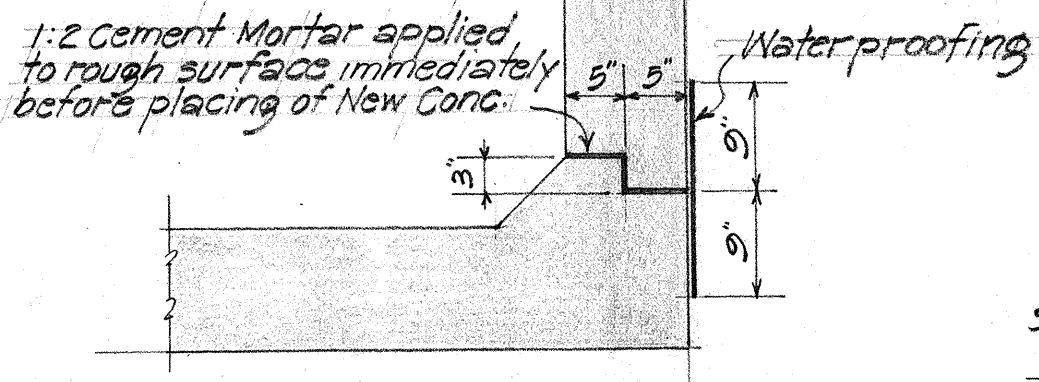
NORMAL SECTION
Scale 3/8"=1'-0"



PLAN AT INTAKE
Scale 1/4"=1'-0" (Outlet Similar)

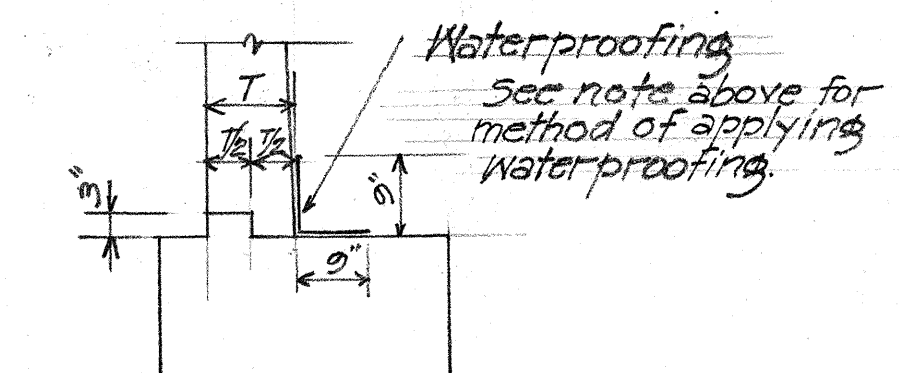


ELEV. OF HEADWALL
Scale 1/4"=1'-0"

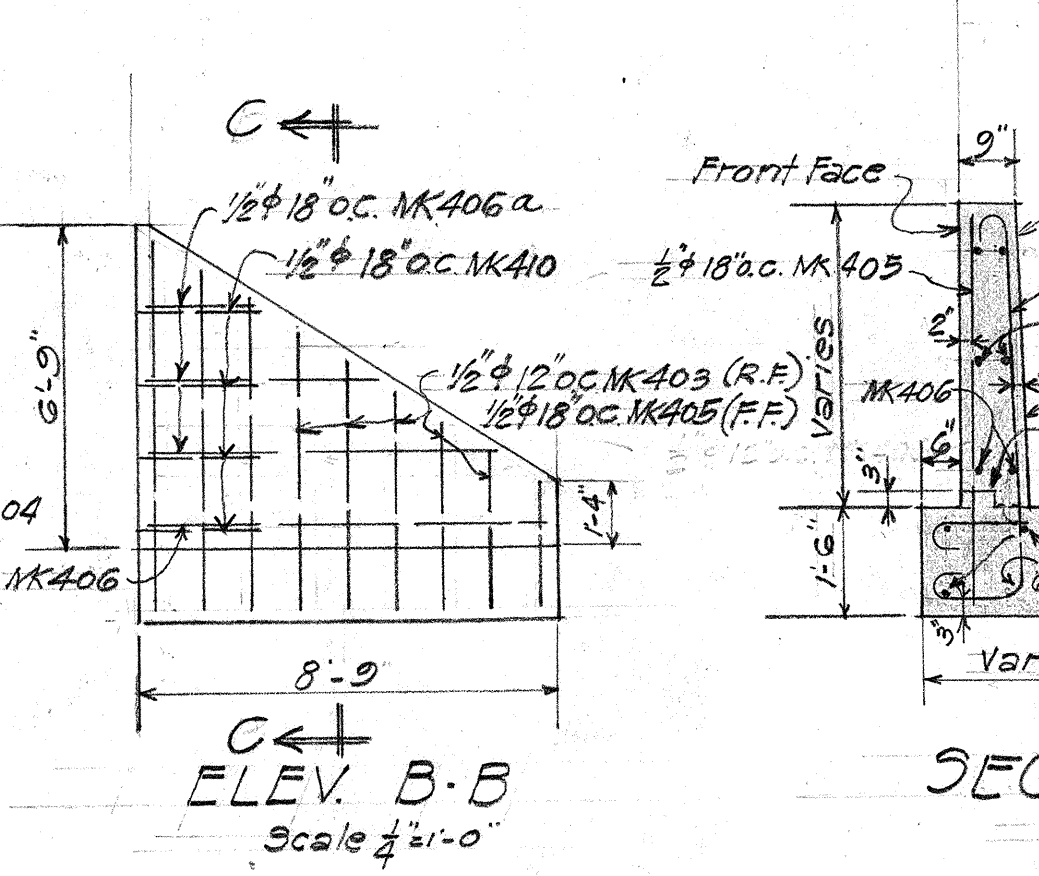


CONSTRUCTION JOINT DETAIL
Scale 3/8"=1'-0"

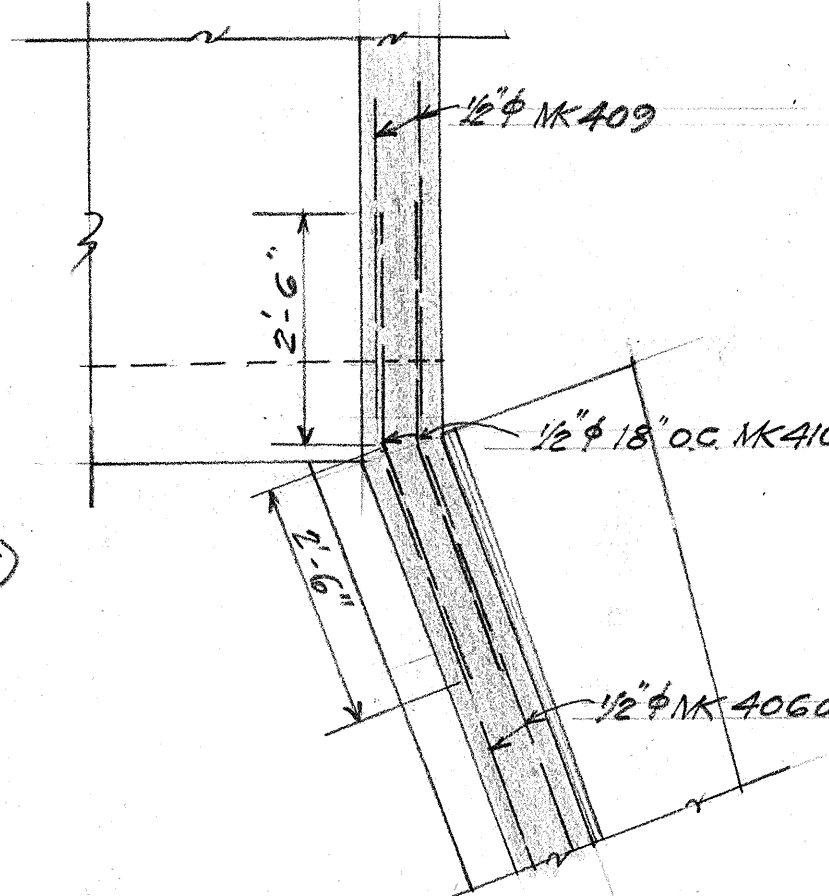
METHOD OF APPLYING CONSTRUCTION JOINT WATERPROOFING:
1. Mop surface 12" either side of joint with hot asphalt.
2. Apply one layer of two ply roofing paper 9" either side of joint to hot asphalt, then map entire surfaces with a thick coat of asphalt.



WINGWALL CONSTR. JOINT DETAIL
Scale 1/2"=1'-0"

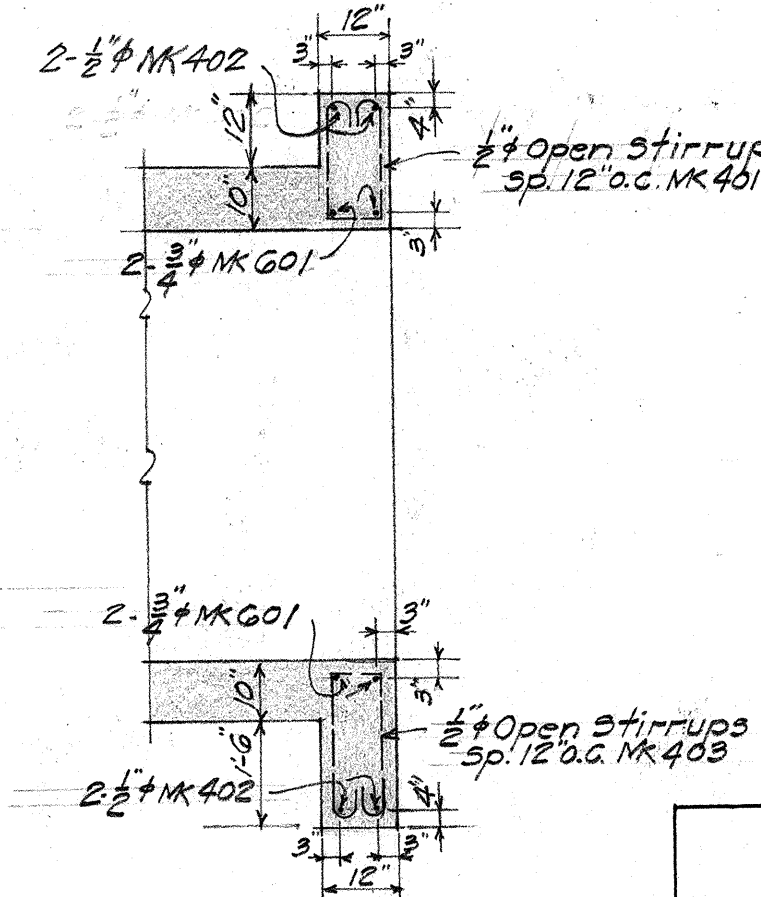


SECTION C-C
Scale 3/8"=1'-0"



HORIZONTAL SECTION THRU WINGWALL & CULVERT WALL
Scale 1/2"=1'-0"

OUTSIDE FACE WALL REINF.
Scale 1/4"=1'-0"



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

Item	Quantity
Class A-1 Conc.	87.9 C.Y.
Reinf. Steel	12,910 lbs
Str. Exc.	48.0 C.Y.
Channel Exc.	60.0 C.Y.

TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
 10'x6' BOX CULVERT
 Sta. 34+90
 MOLOKAI AIRPORT ACCESS RD
 DA-WC. 6(2)
 AUG. 1944
 SHEET 1 OF 1 SHEET