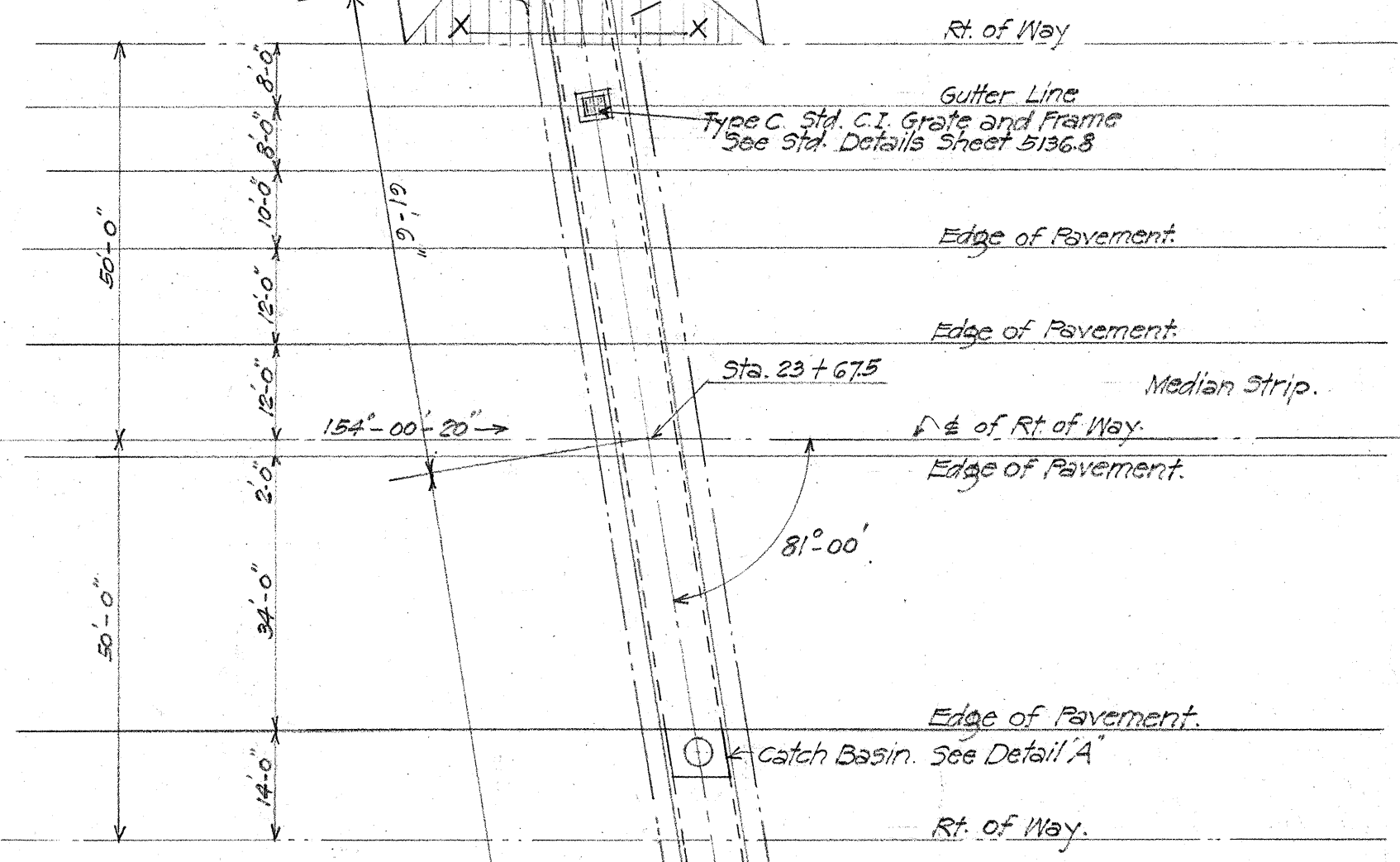


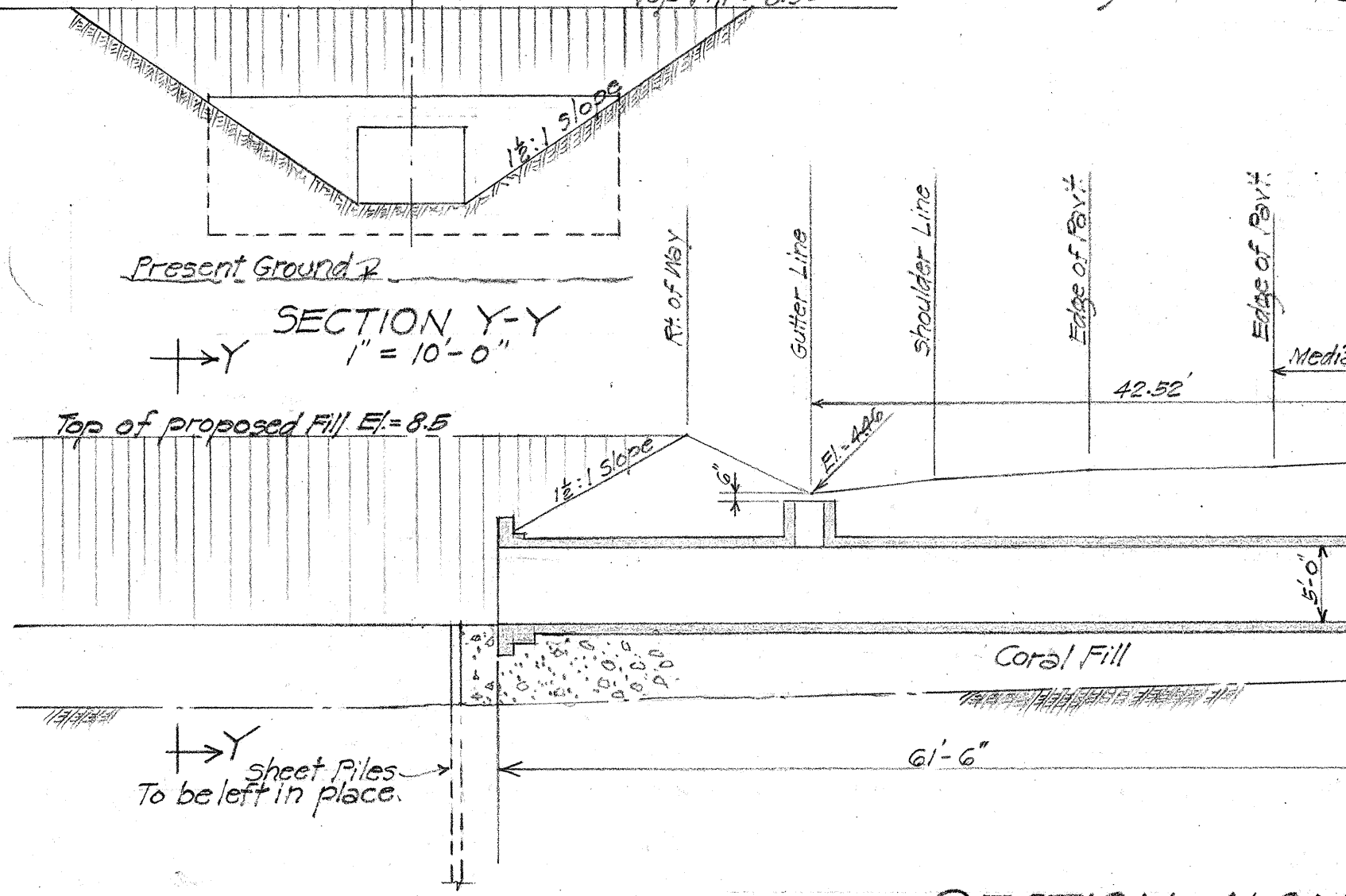
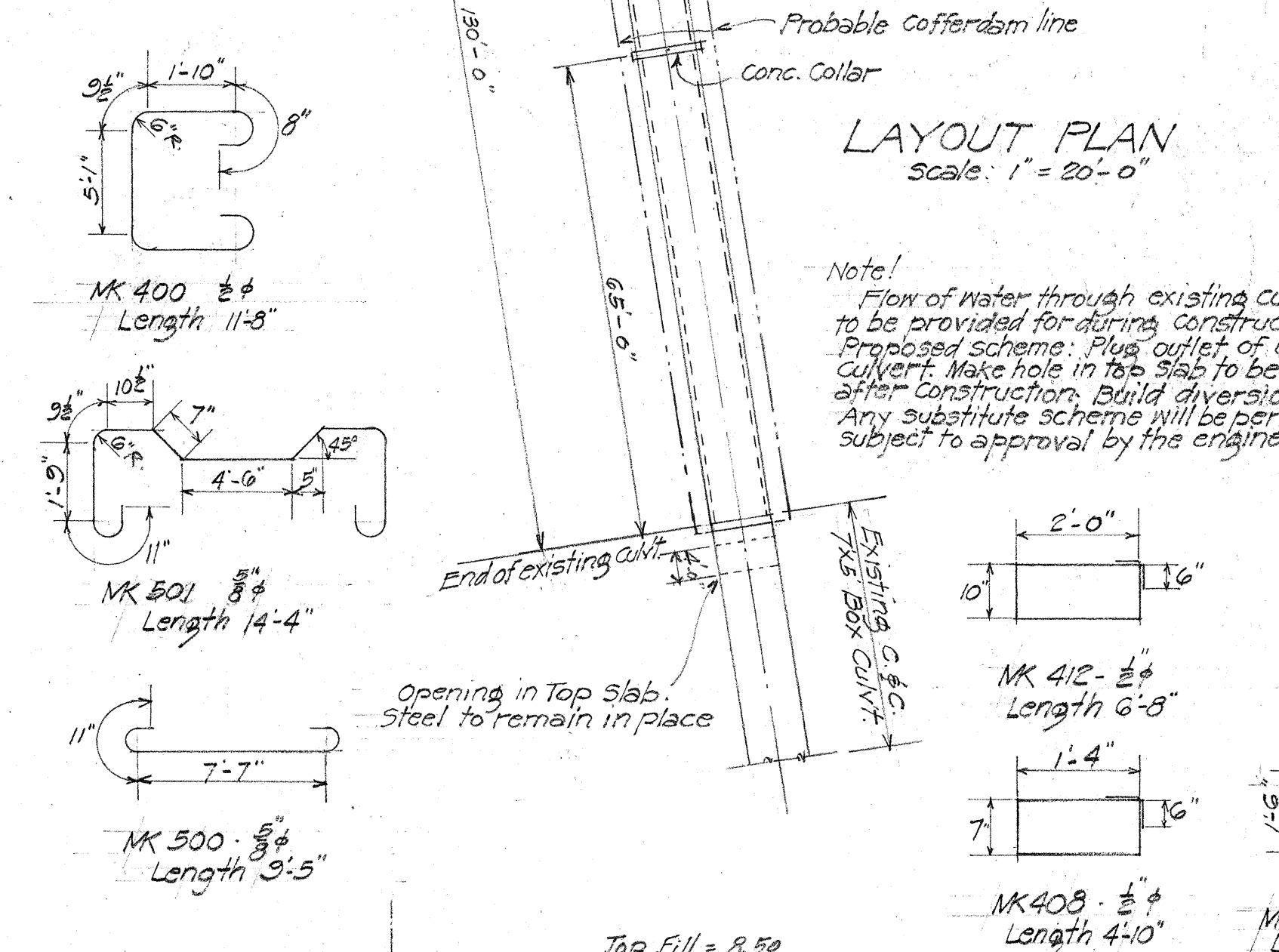
Note!
Sheet Piles down-
stream of X-X to be
of wood and left in
place after construction.

METHOD OF APPLYING CONST. JOINT WATERPROOFING.

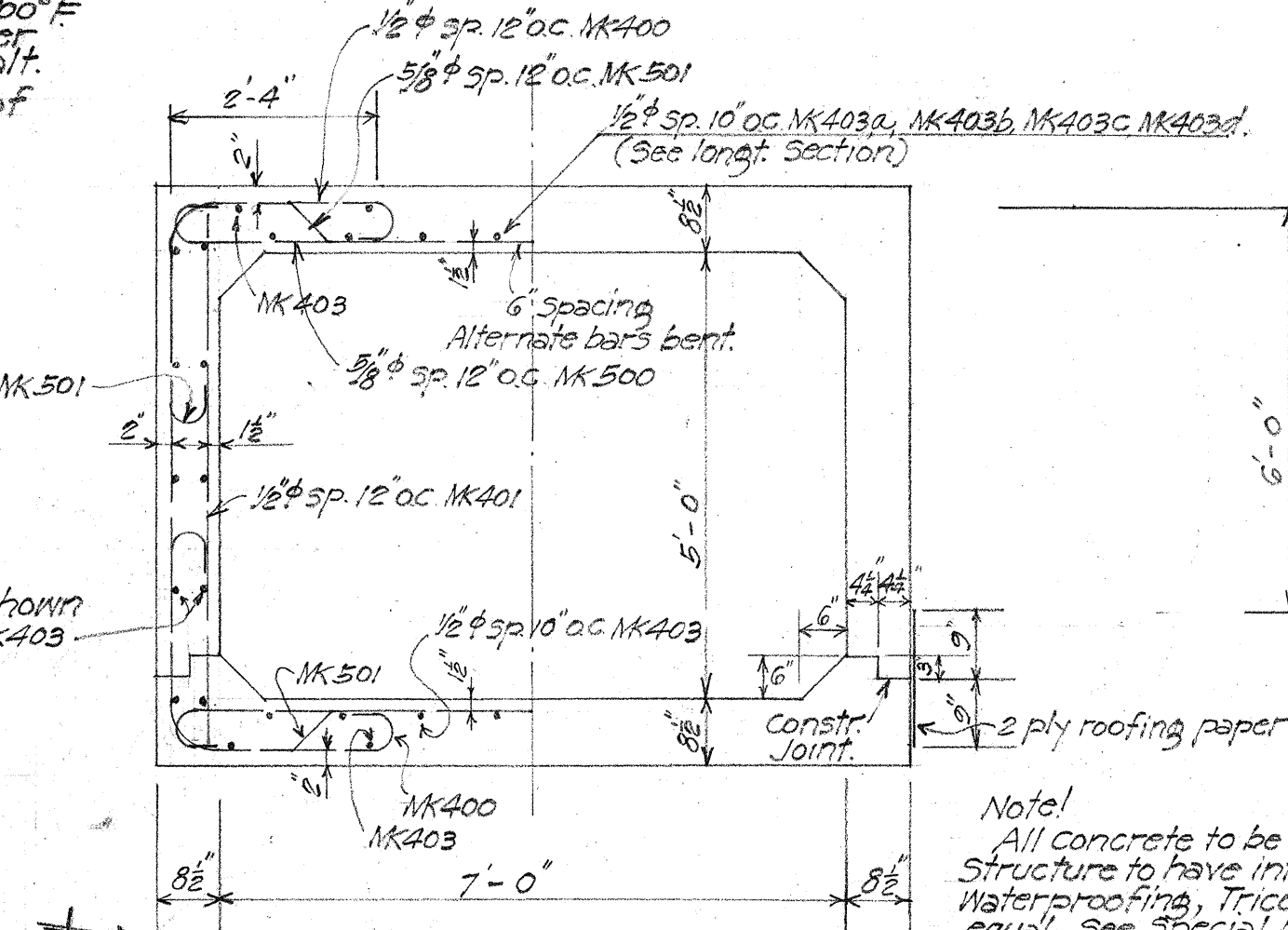
1. Mod surface 12" either side of joint with asphalt. 85-100 penetration applied at 200°F.
2. Apply one layer of 2 ply roofing paper.
3. Mod entire surface with thick coat of asphalt.



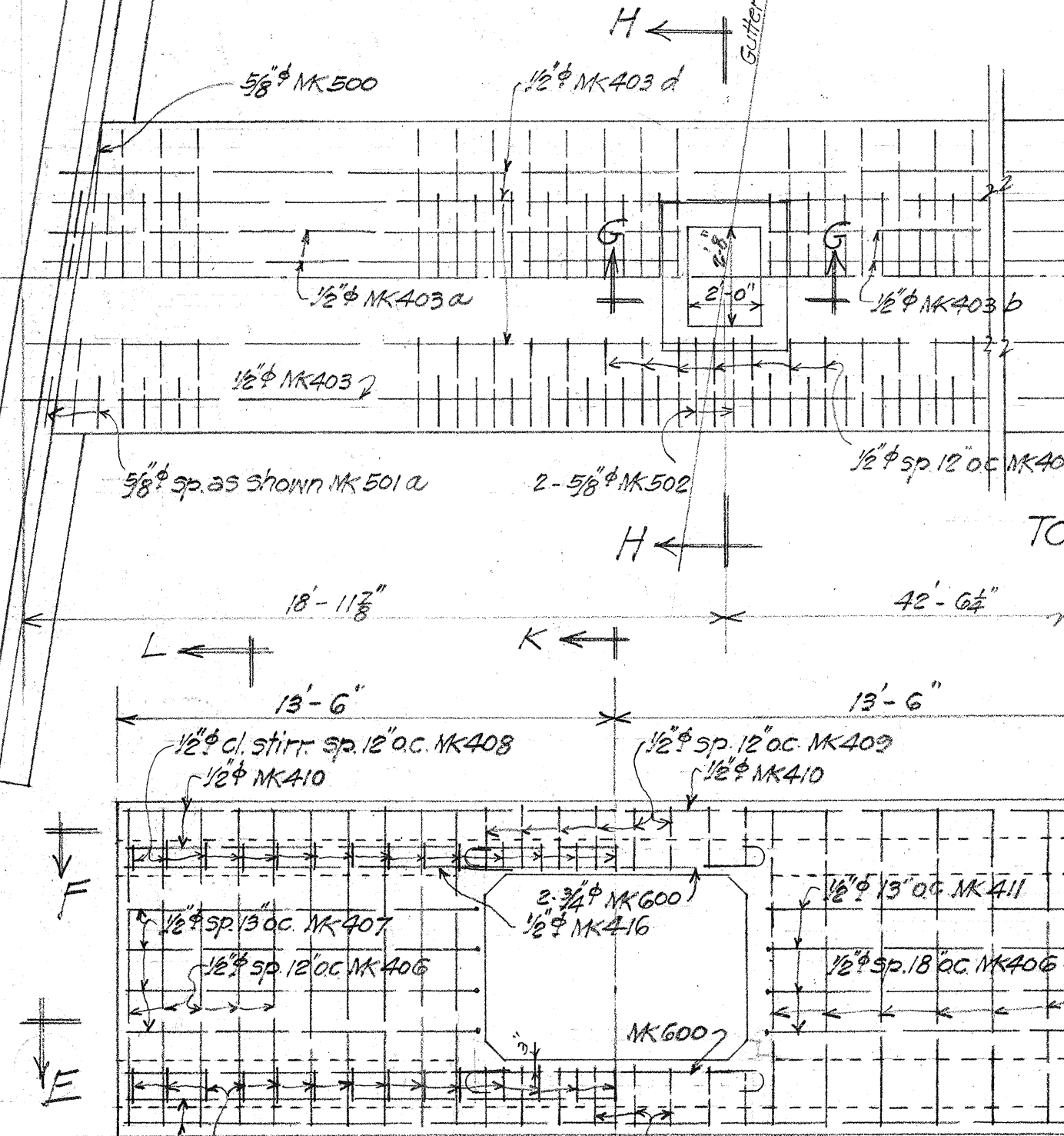
LAYOUT PLAN
Scale: 1" = 20'-0"



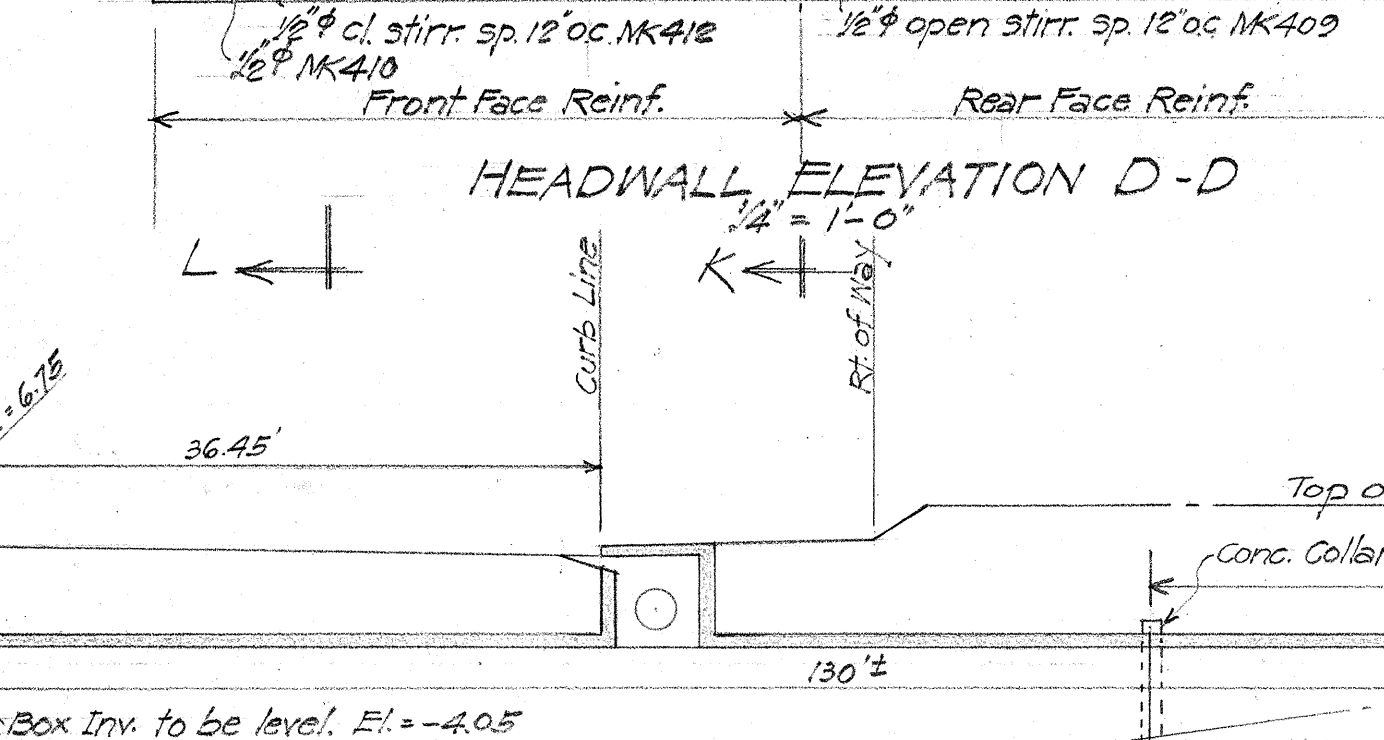
SECTION Y-Y
Scale: 1" = 10'-0"



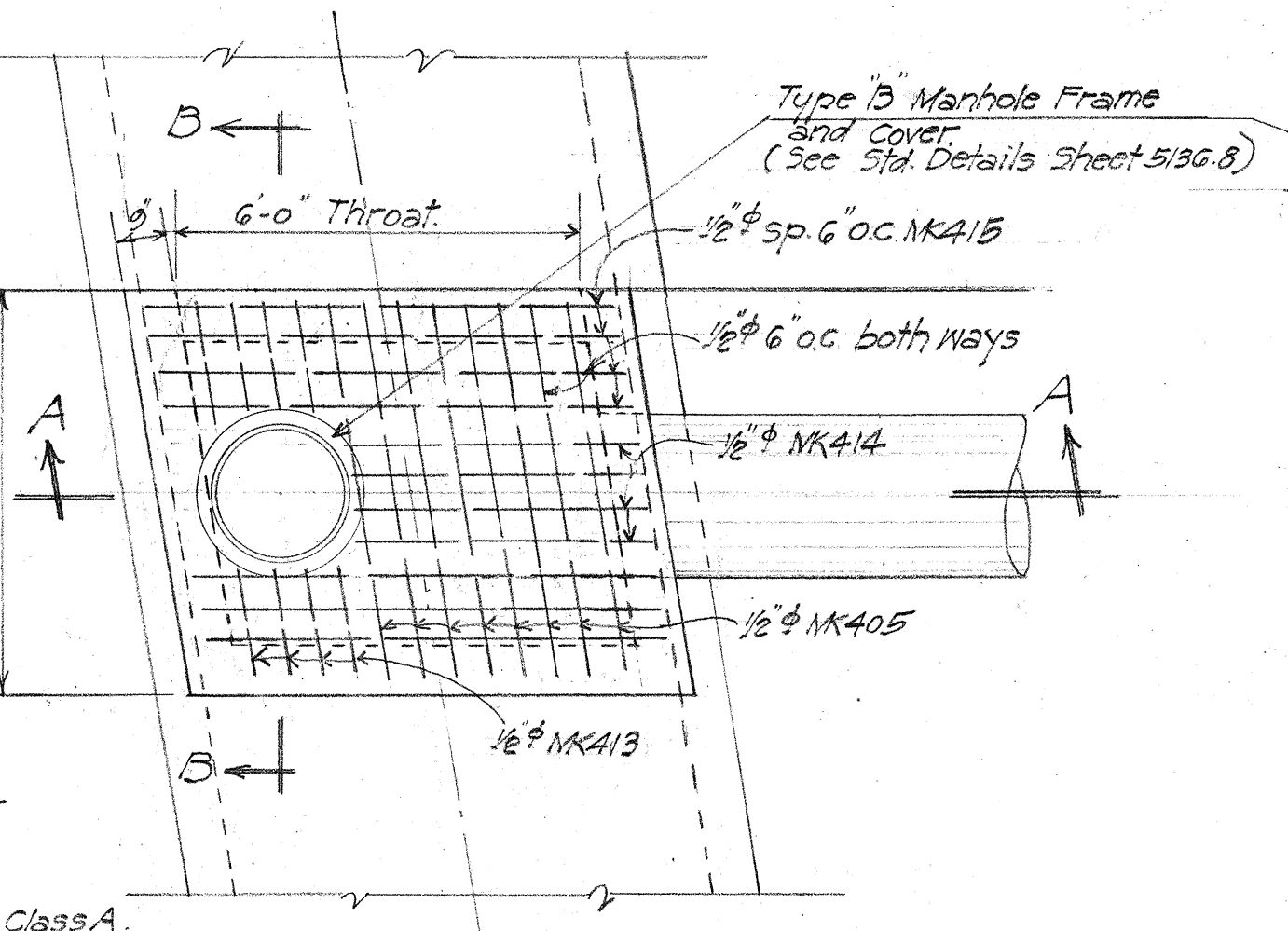
NORMAL SECTION
Scale: 1/2" = 1'-0"



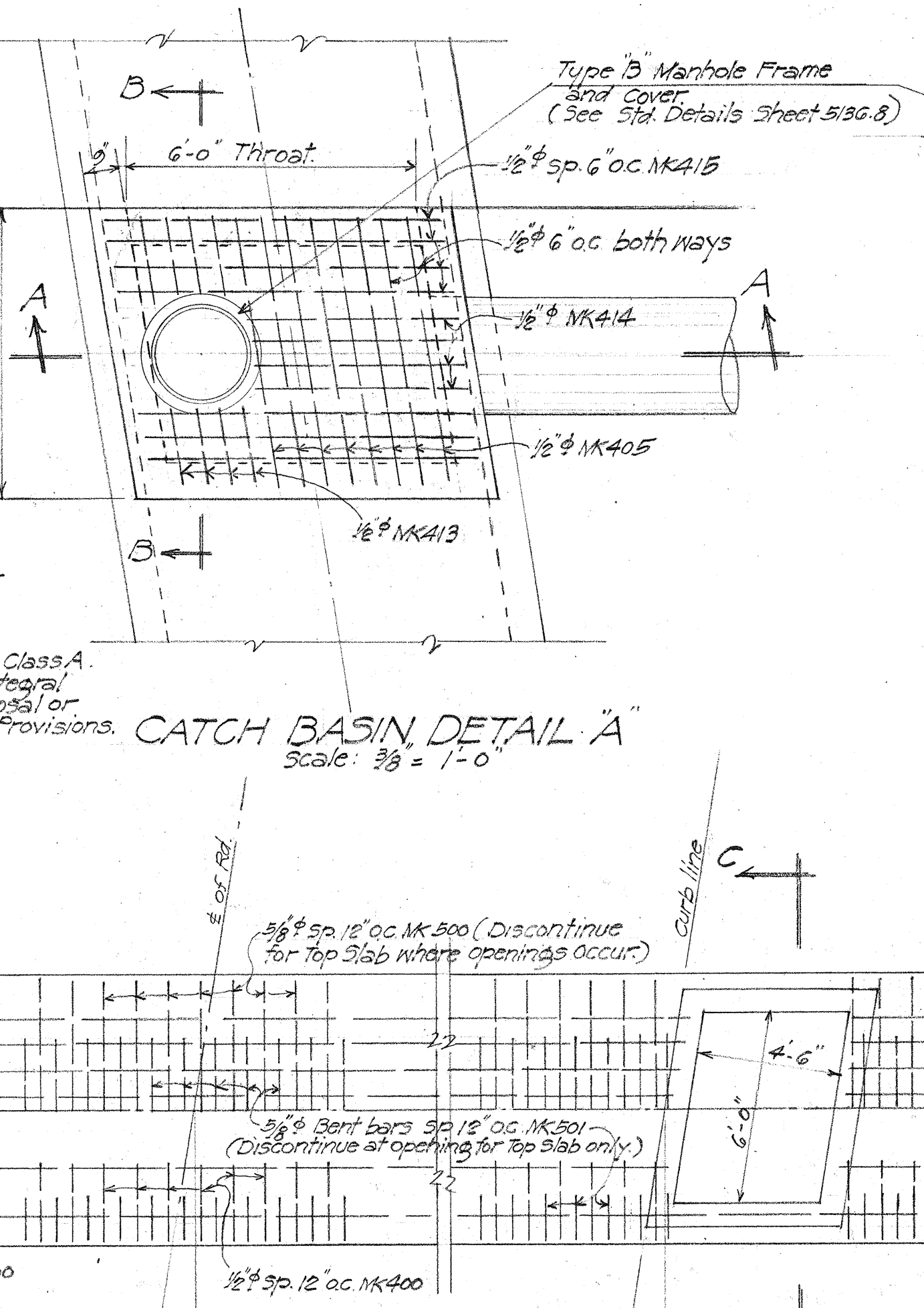
TOP SLAB REINF.
Scale: 1/4" = 1'-0"



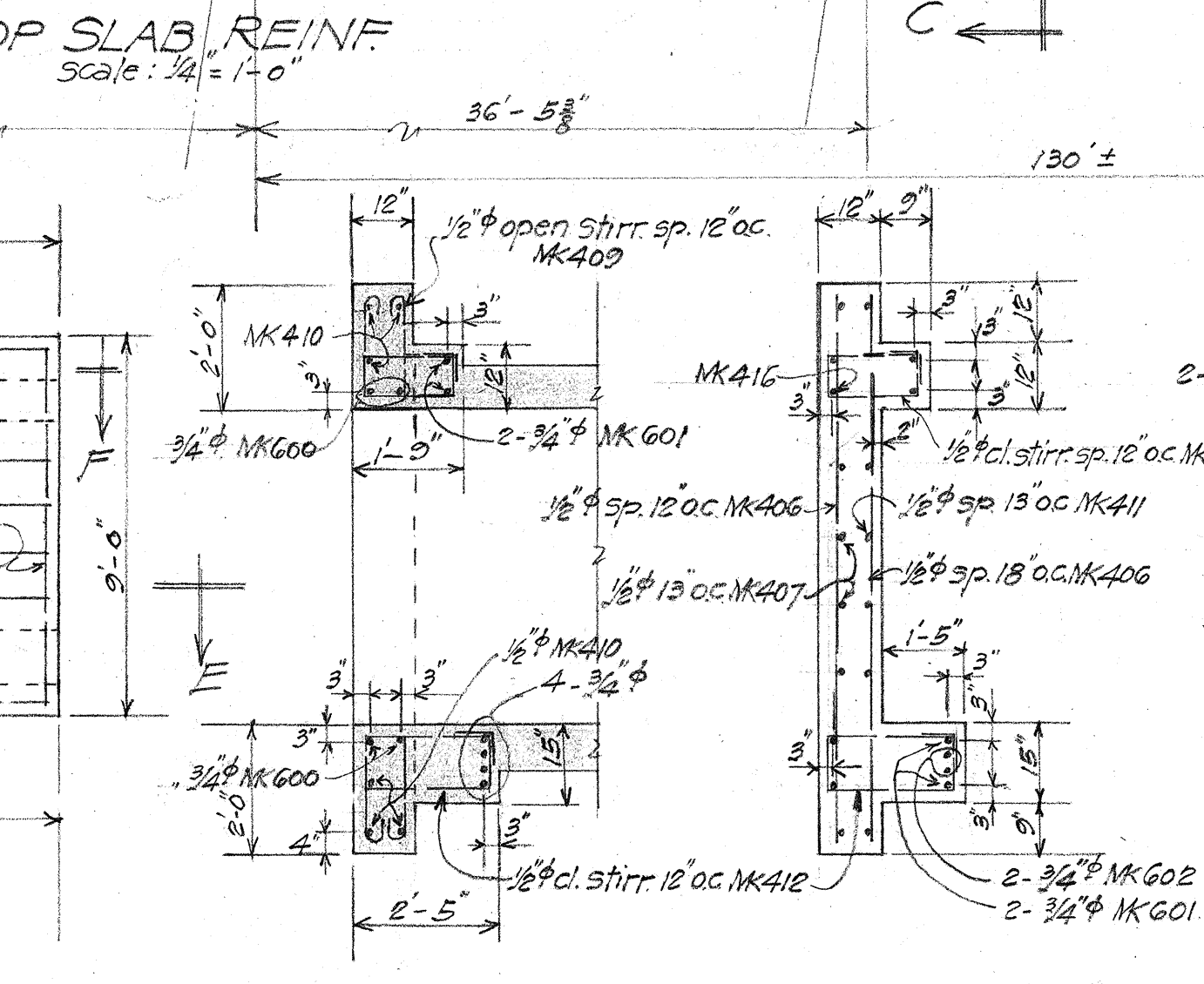
HEADWALL ELEVATION D-D
Scale: 1/2" = 1'-0"



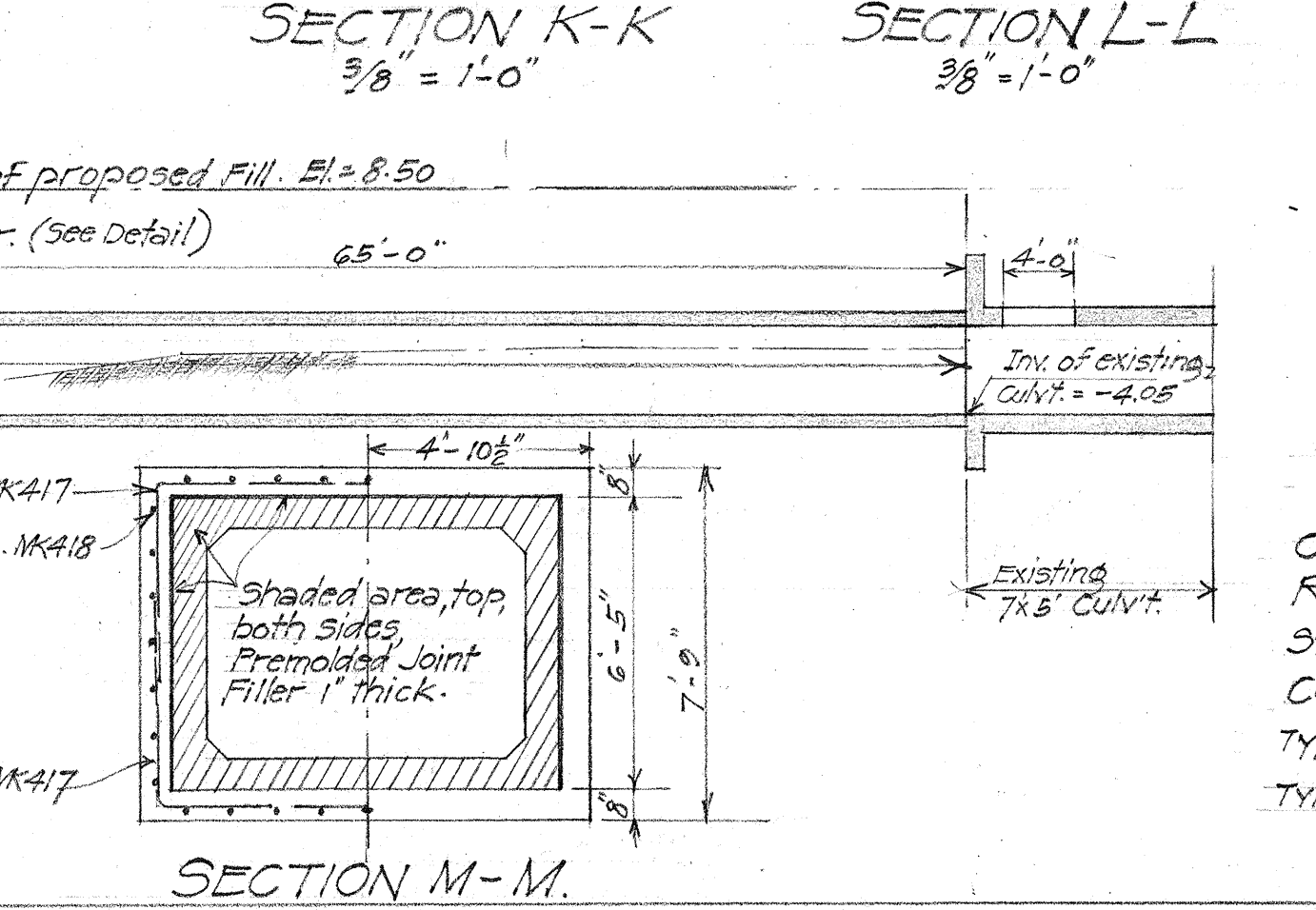
CATCH BASIN DETAIL A
Scale: 3/8" = 1'-0"



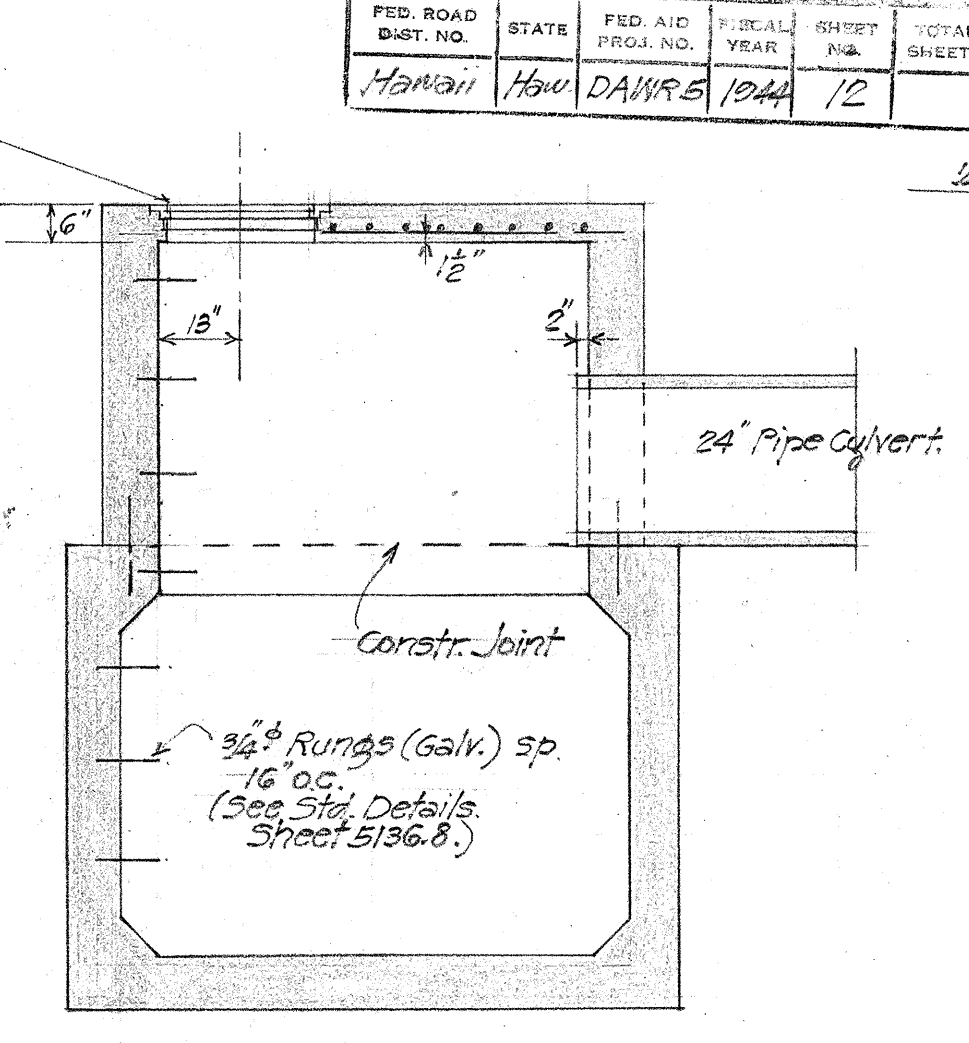
SECTION A-A
Scale: 3/8" = 1'-0"



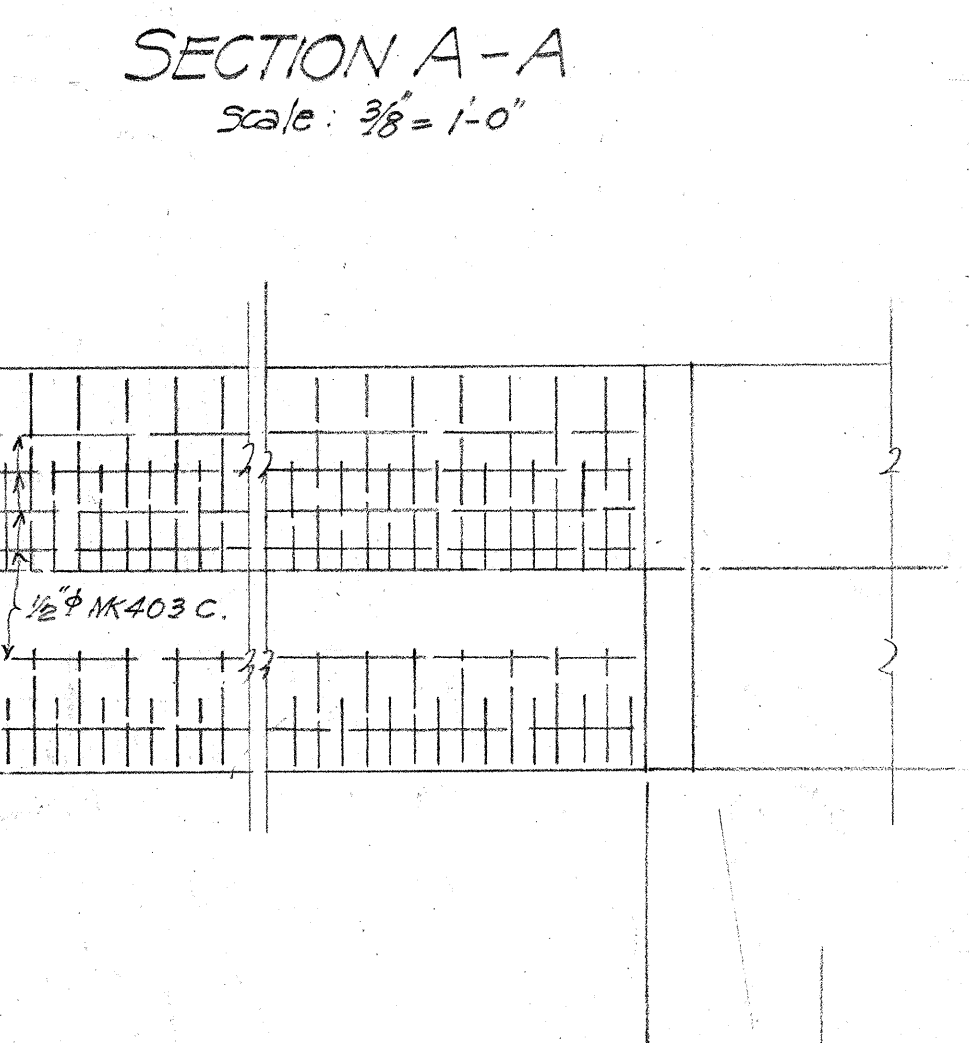
SECTION K-K
Scale: 3/8" = 1'-0"



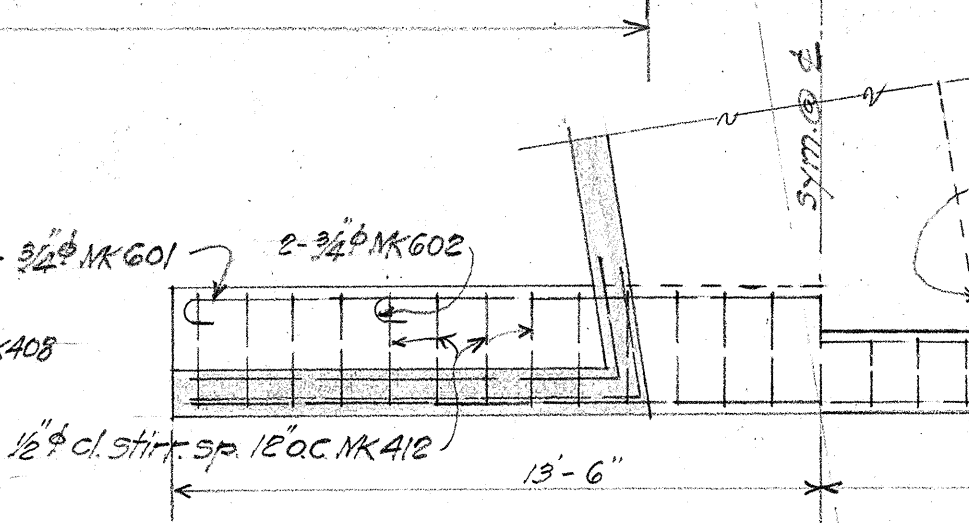
SECTION M-M
Scale: 3/8" = 1'-0"



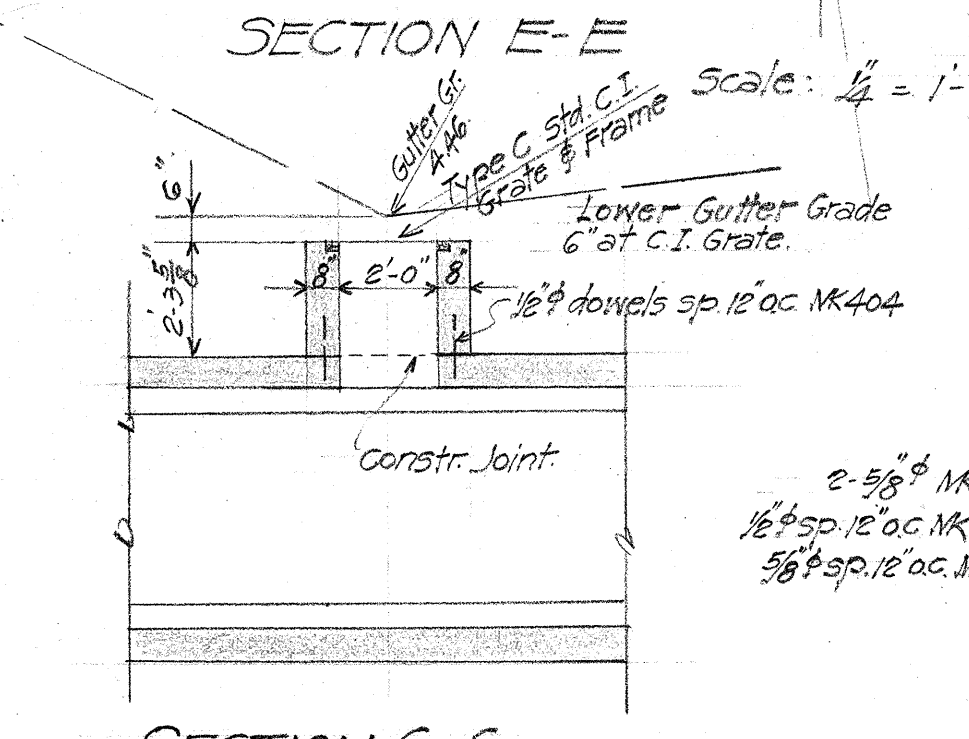
SECTION B-B
Scale: 3/8" = 1'-0"



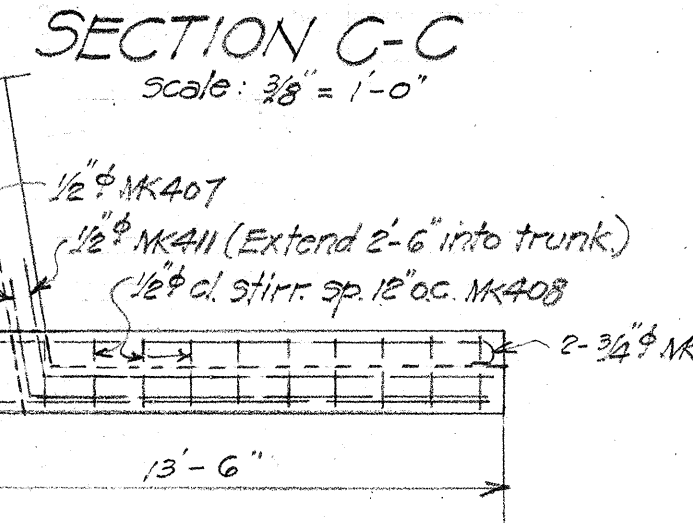
SECTION C-C
Scale: 3/8" = 1'-0"



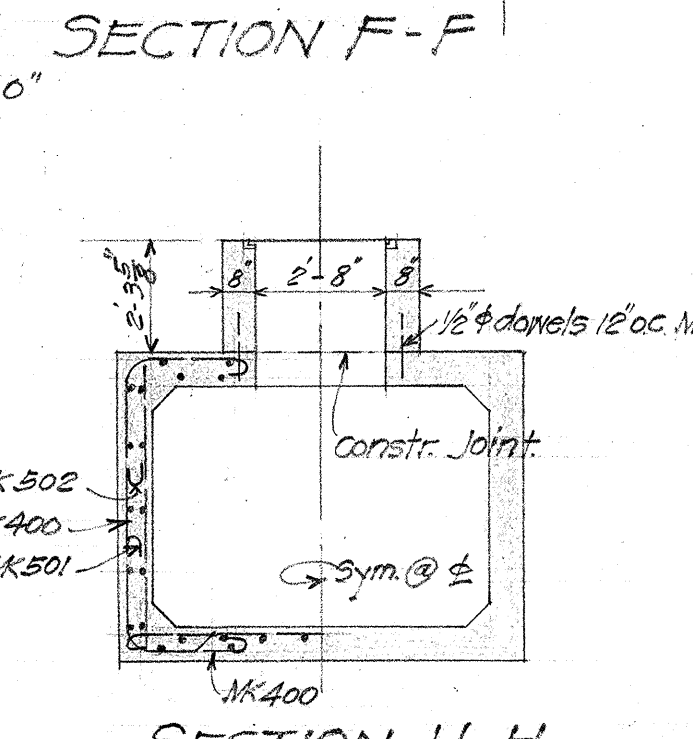
SECTION E-E
Scale: 1/2" = 1'-0"



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



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



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

ESTIMATED QUANTITIES

Class 'A' Conc. =	151.0 Cu. Yds.
Reinf. Steel =	20,540 lbs.
Structural F.C. =	96 Cu. Yds.
Coral Fill =	284 Cu. Yds.
Type B Manhole Frame & Cover - 1 Required	
Type C Grate & Frame - 1 Required	

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

7' x 5' BOX CULVERT
Sta. 23+67.5

SAND ISLAND ACCESS RD. D.A.W.R. 5(1)

May 1944.

SHEET 1 OF 1 SHEET
5136.12

REV. DEC. 1944
This Structure Eliminated by
Change in 1959. of Proj.

ORIGINAL PLAN
DATE: 1944
DESIGNED BY: J. B. Smith
CHECKED BY: J. B. Smith
NOTED BY: J. B. Smith
QUANTITIES BY: J. B. Smith
CHECKED BY: J. B. Smith