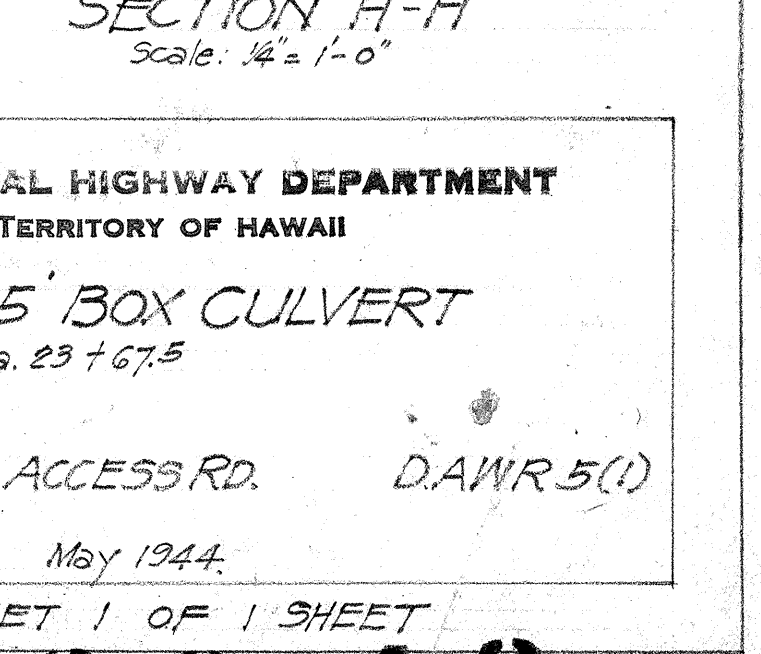
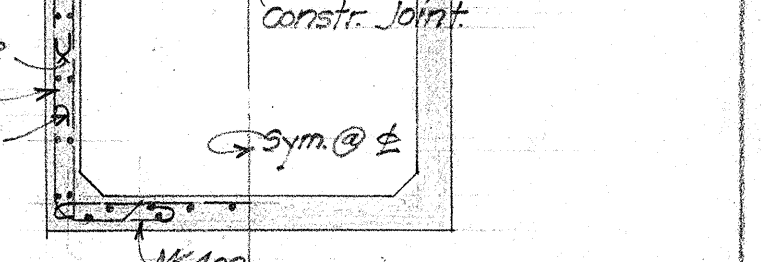
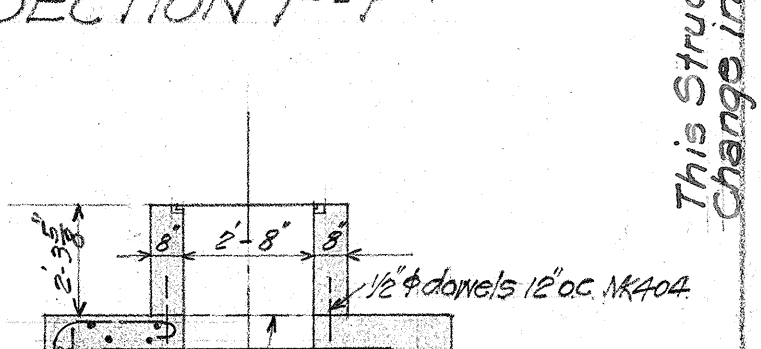
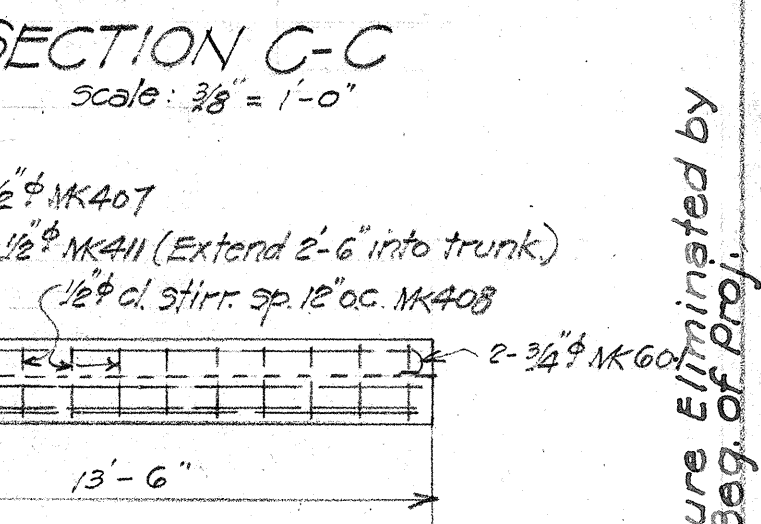
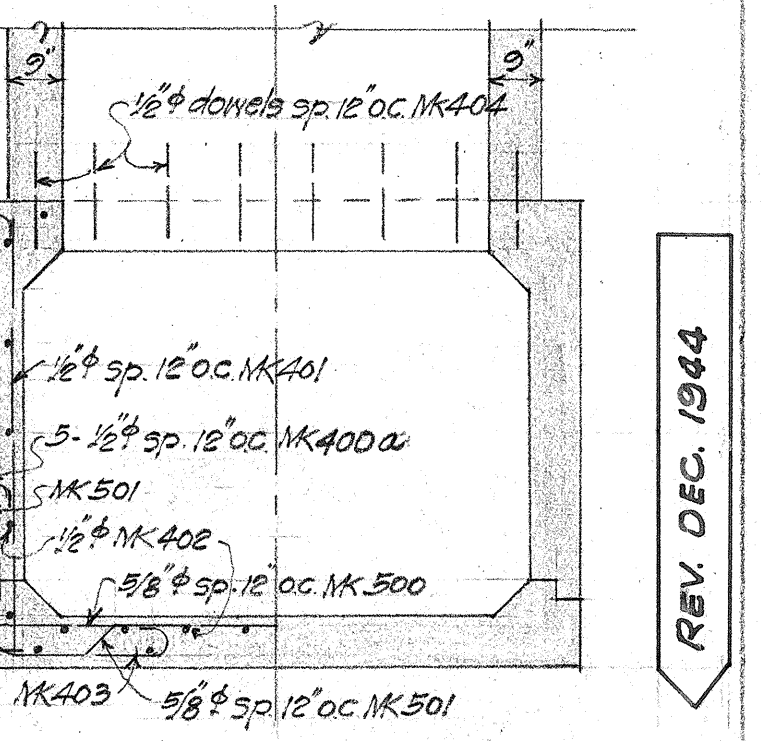
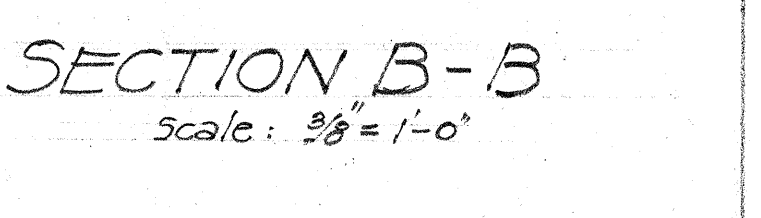
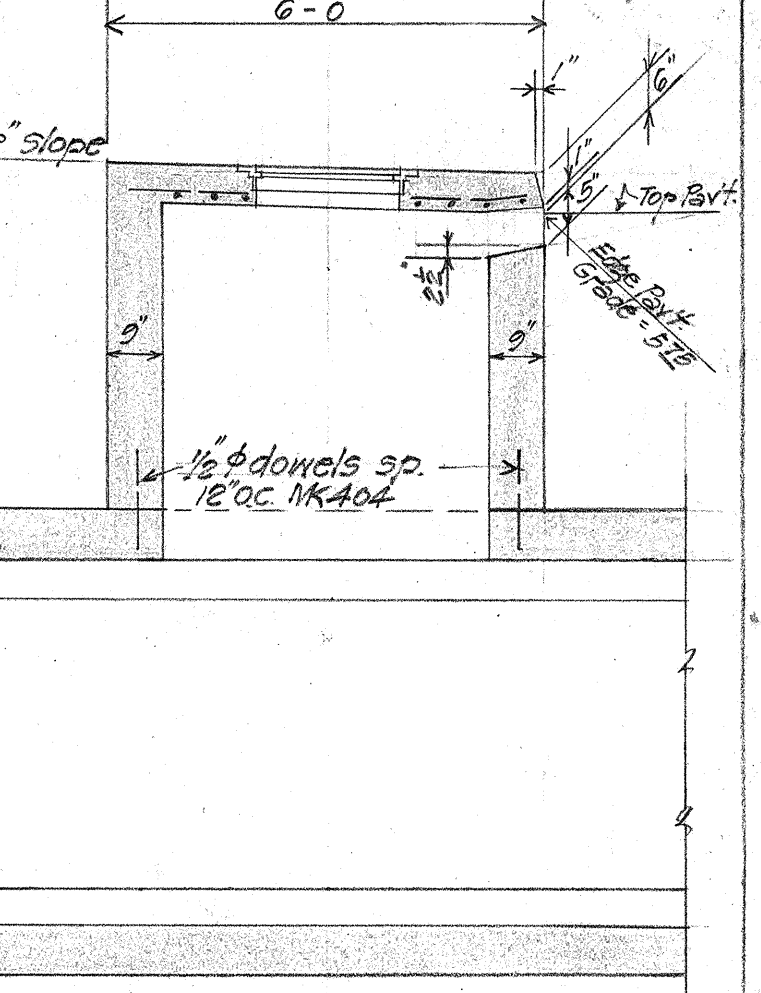
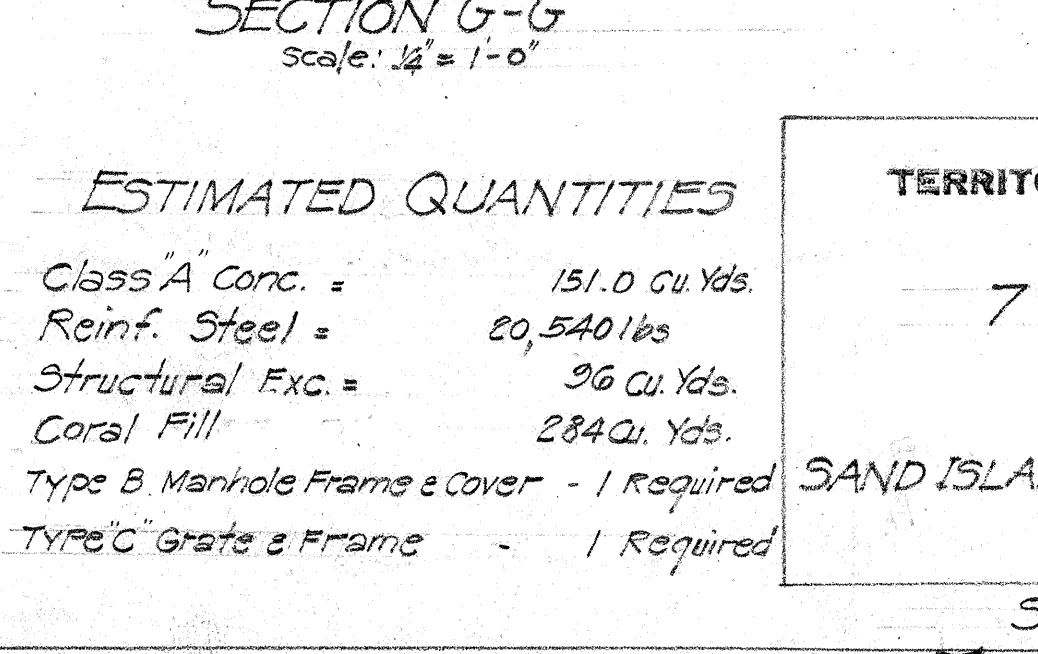
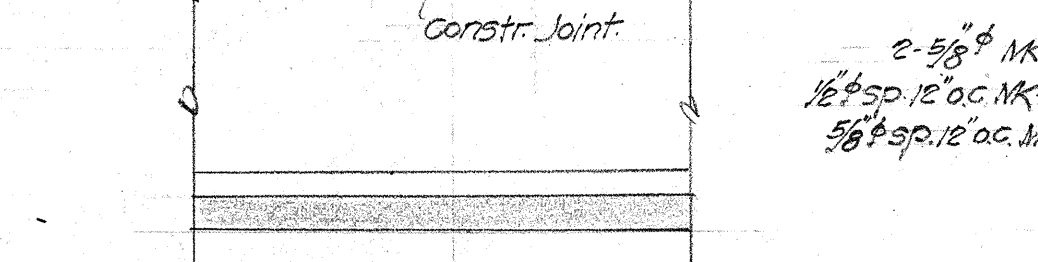
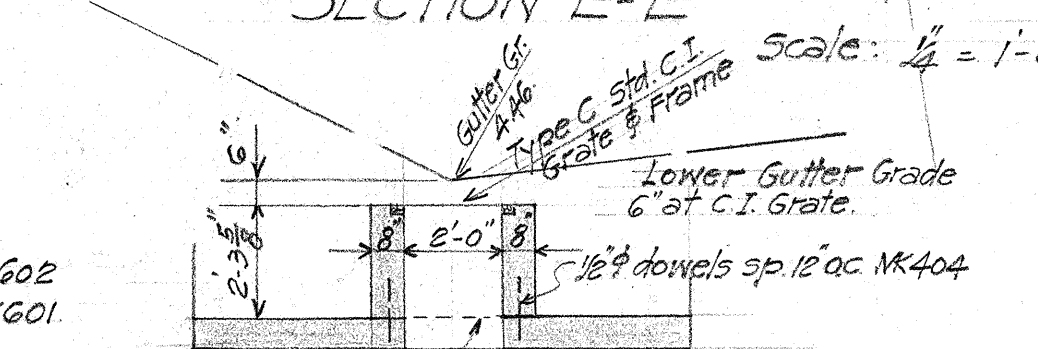
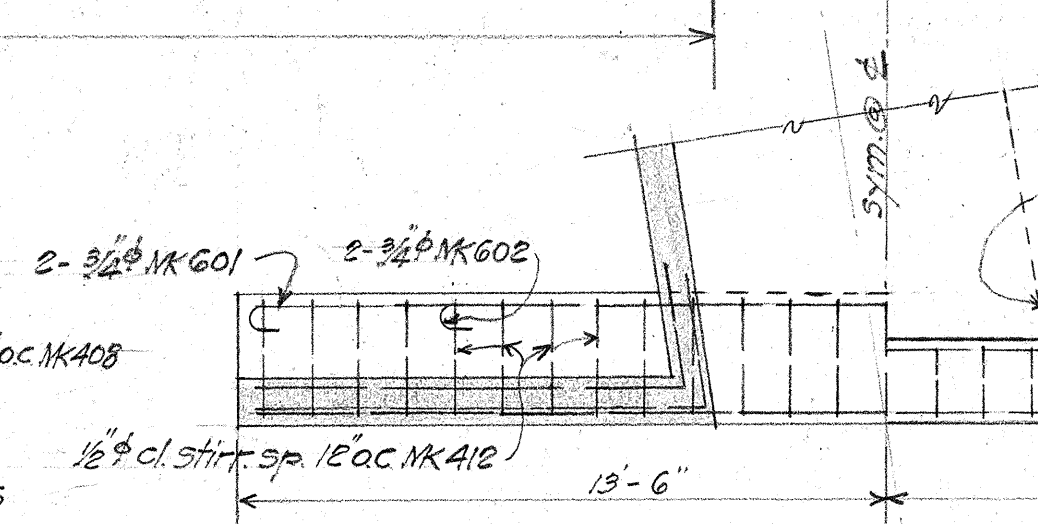
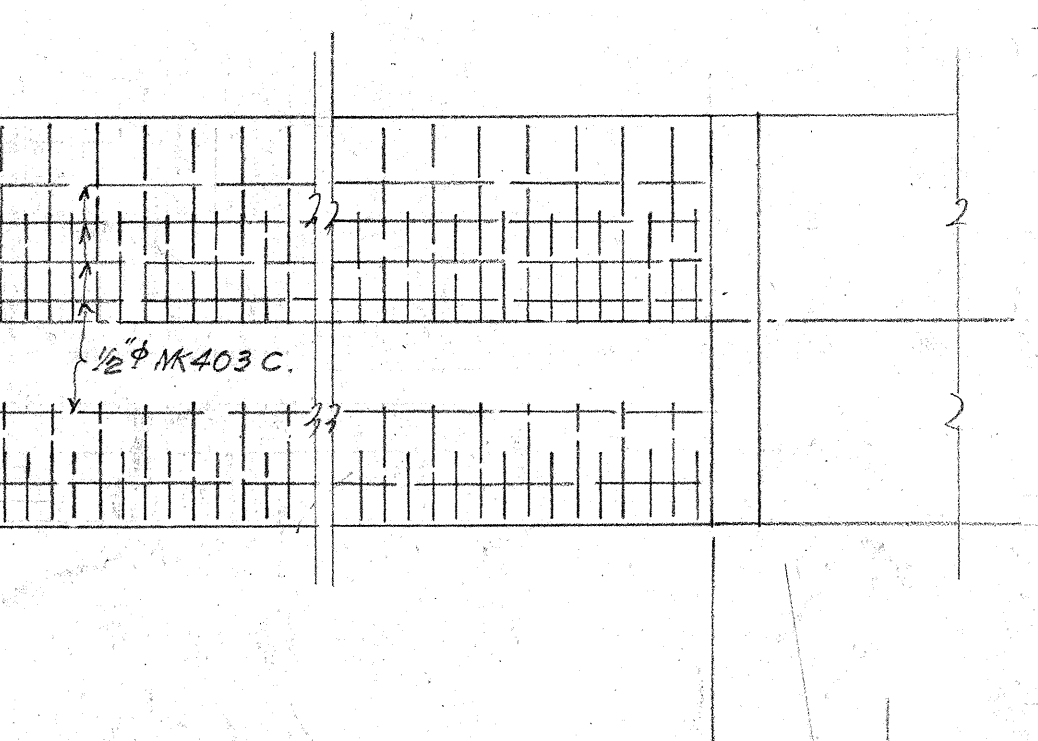
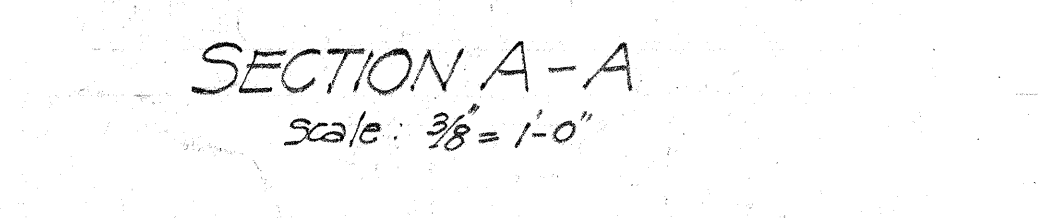
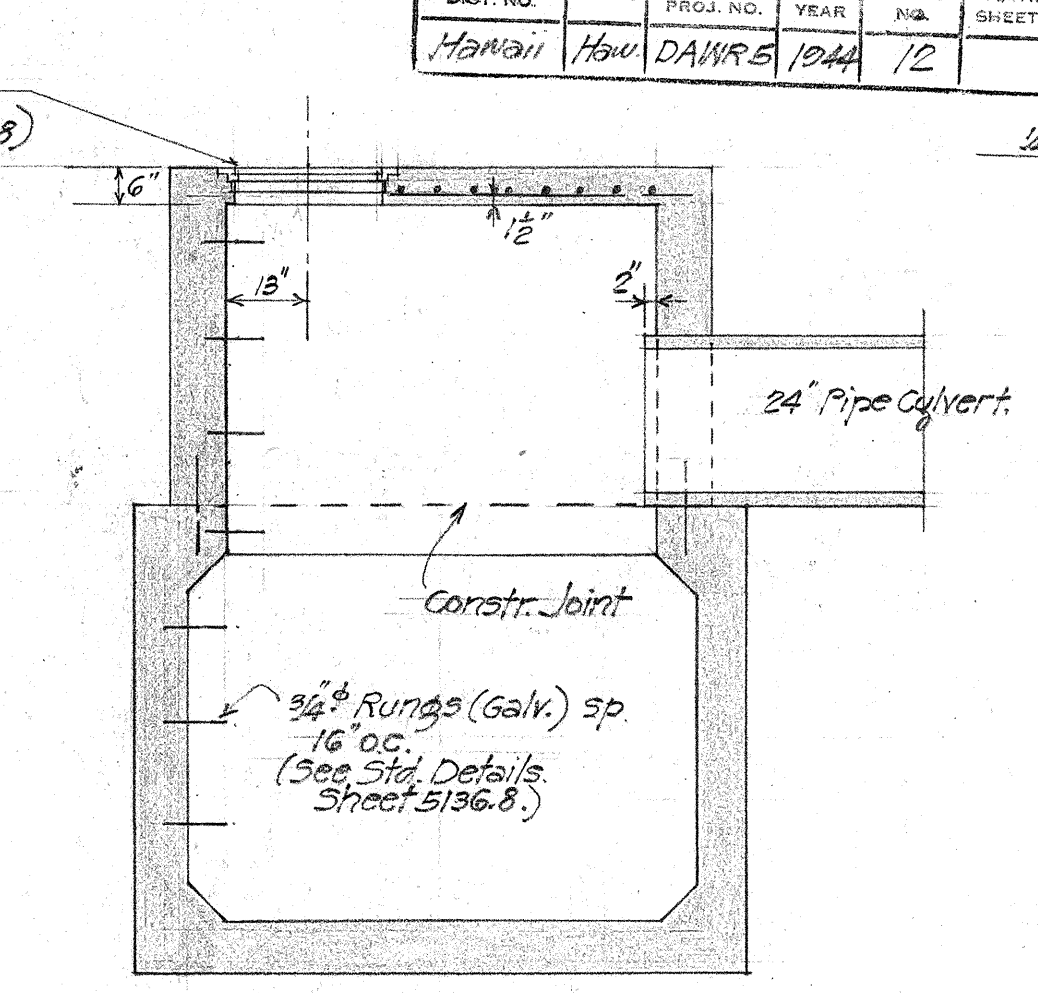
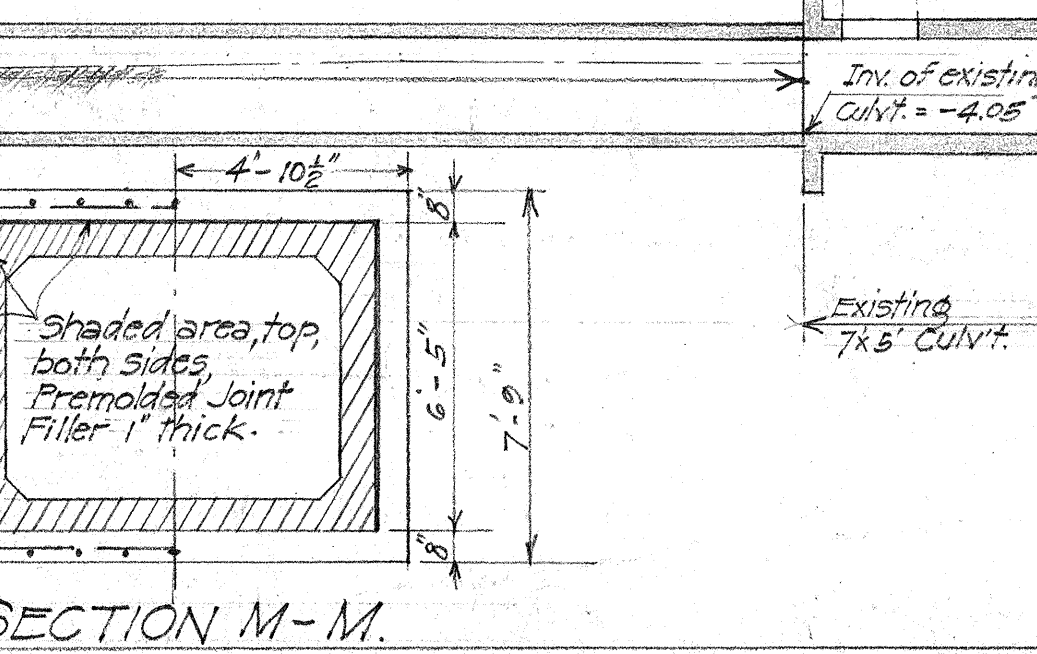
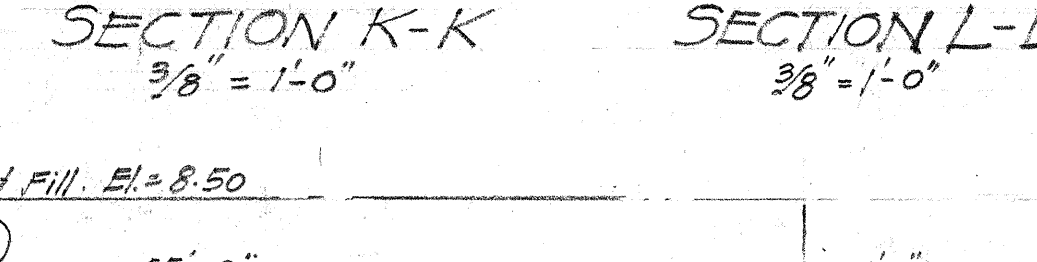
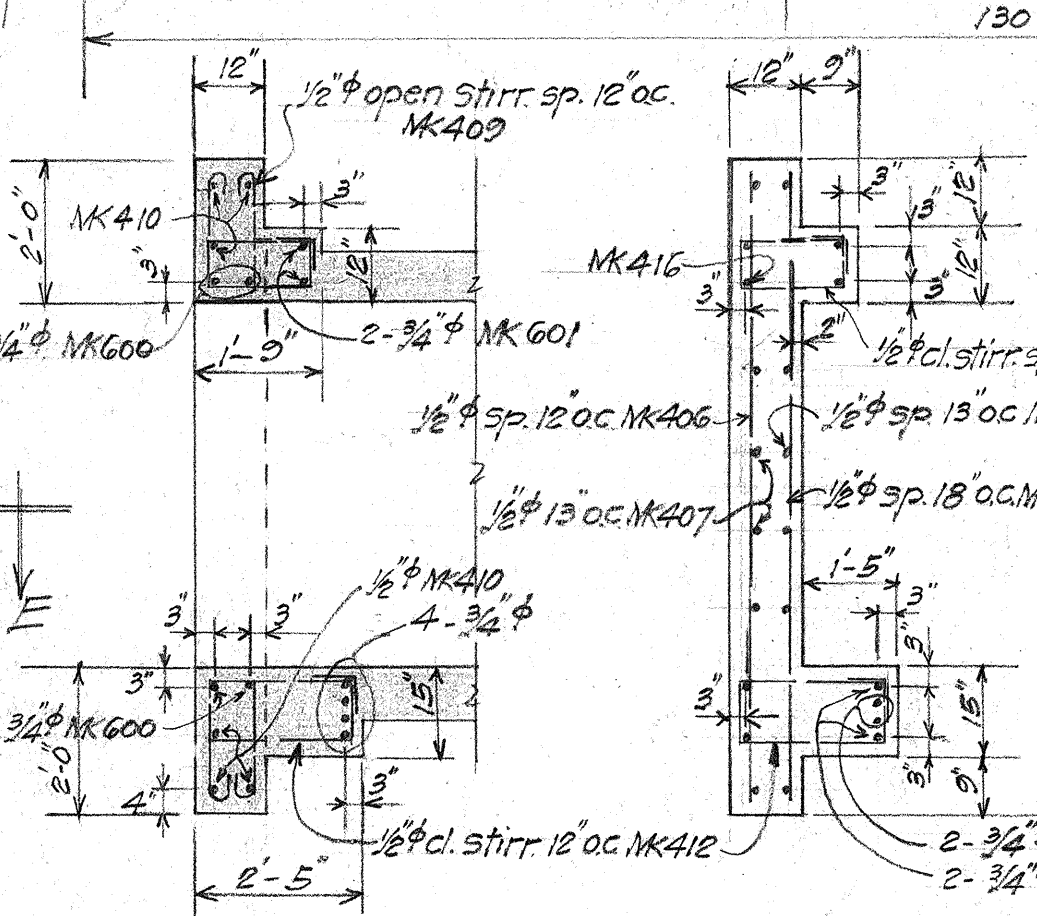
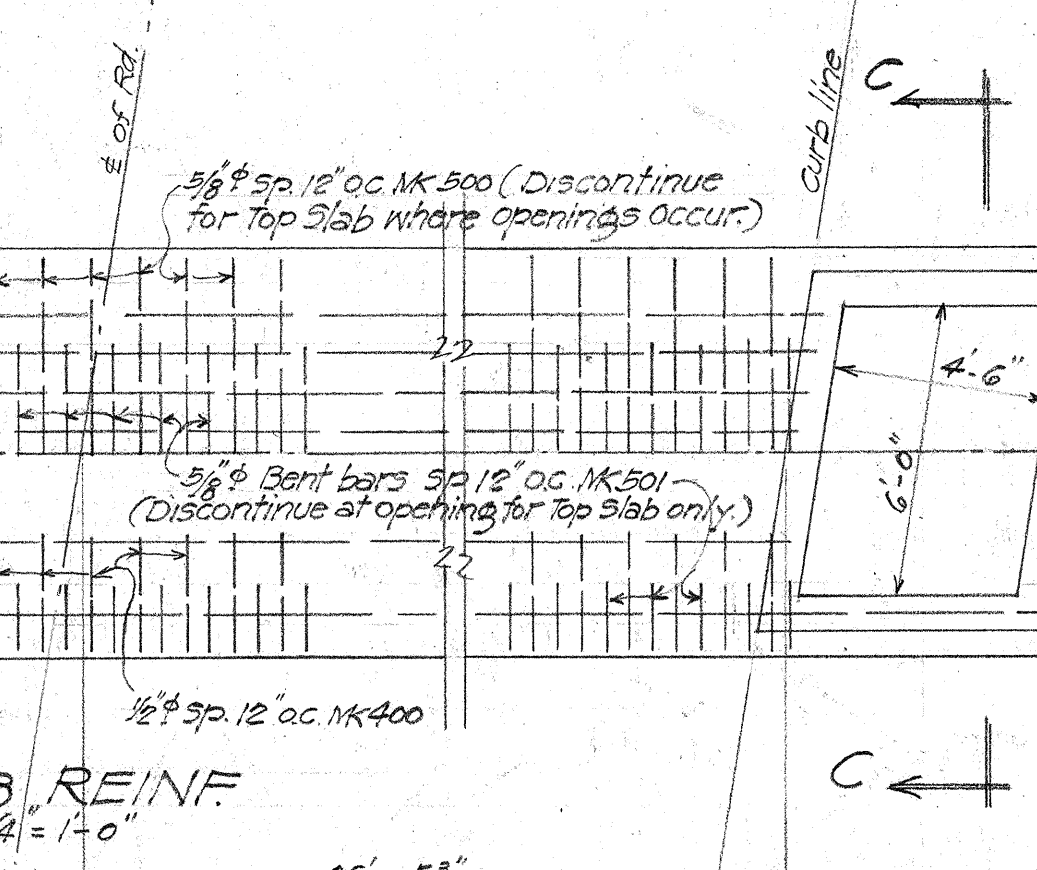
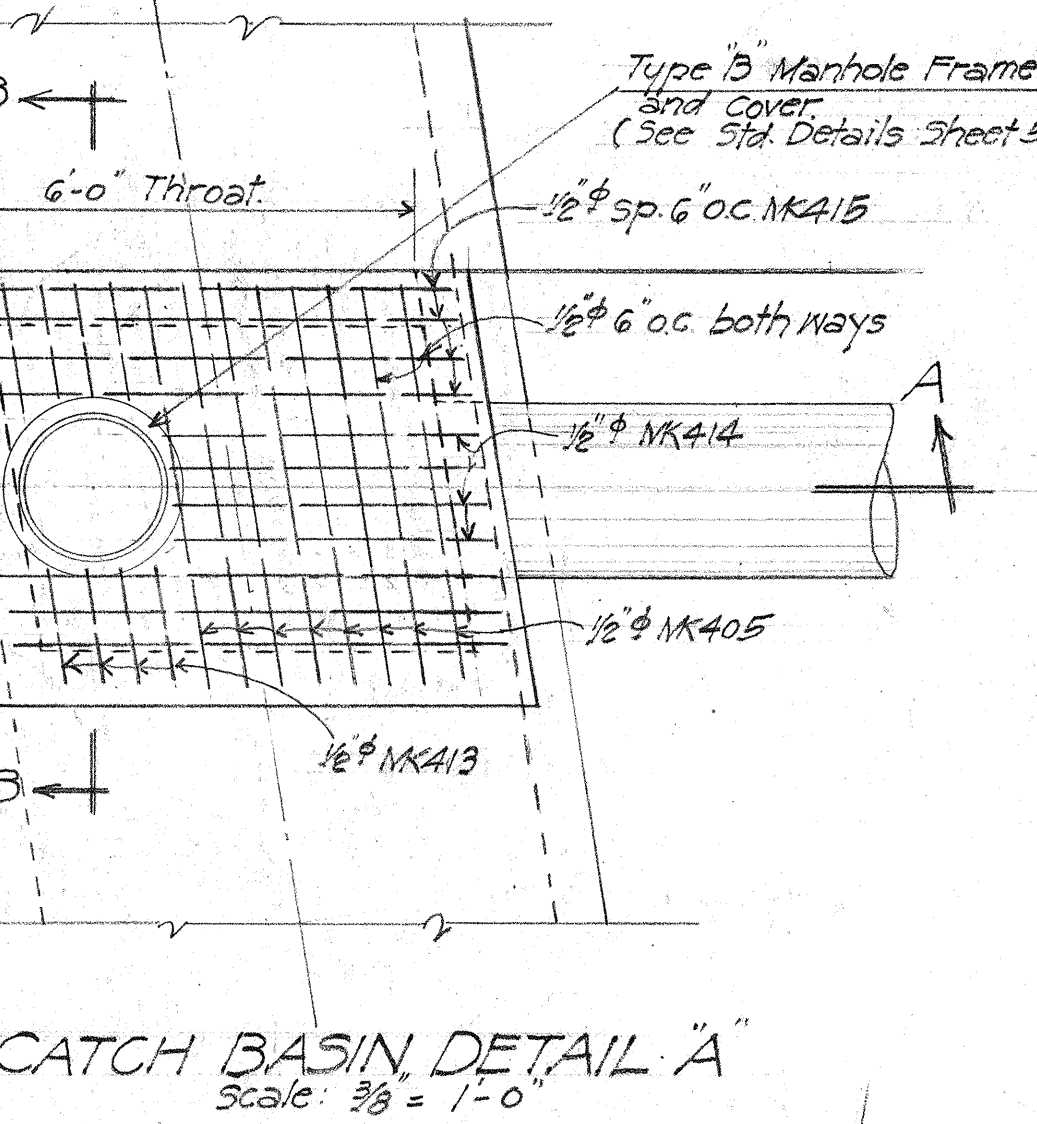
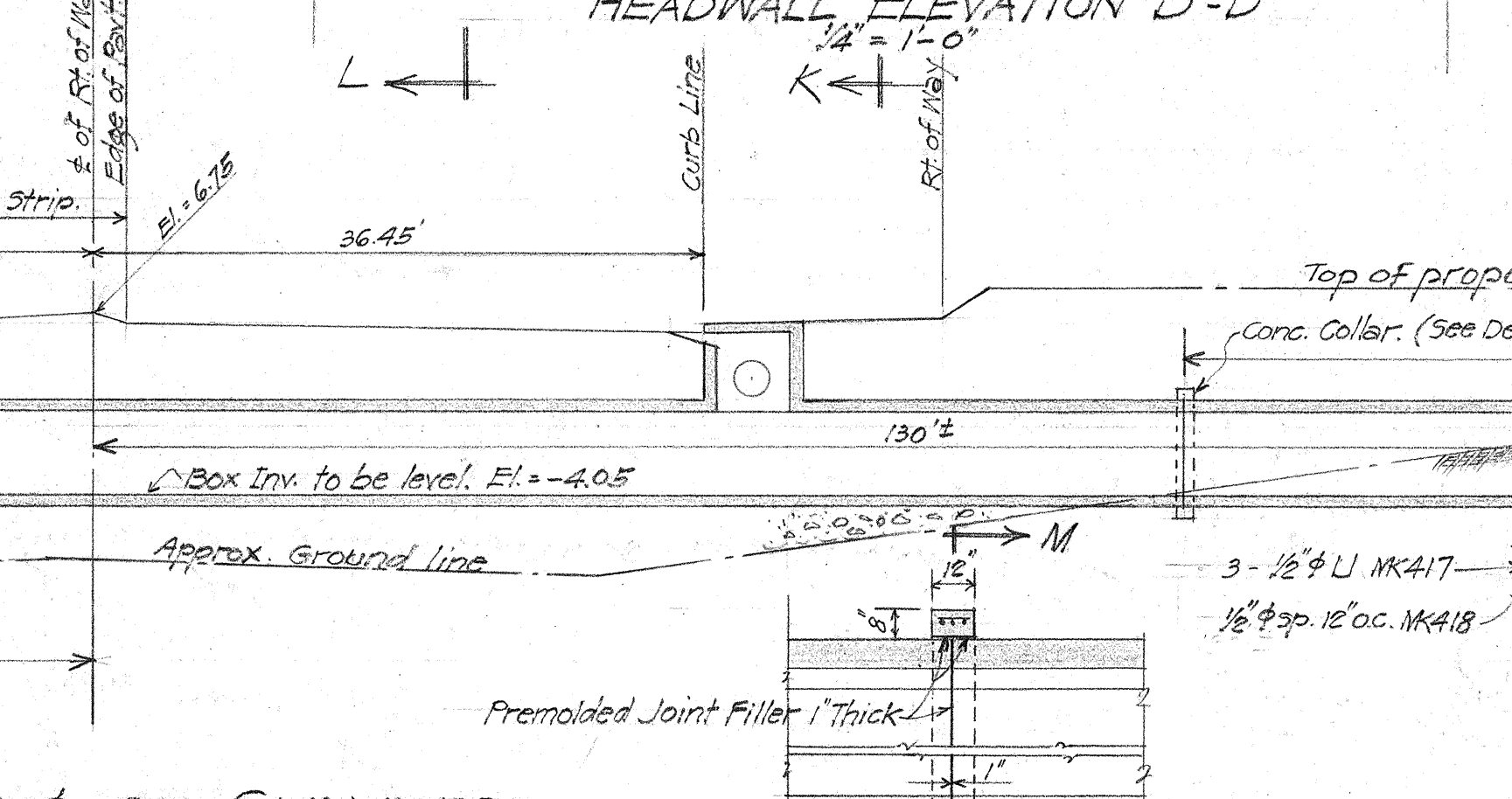
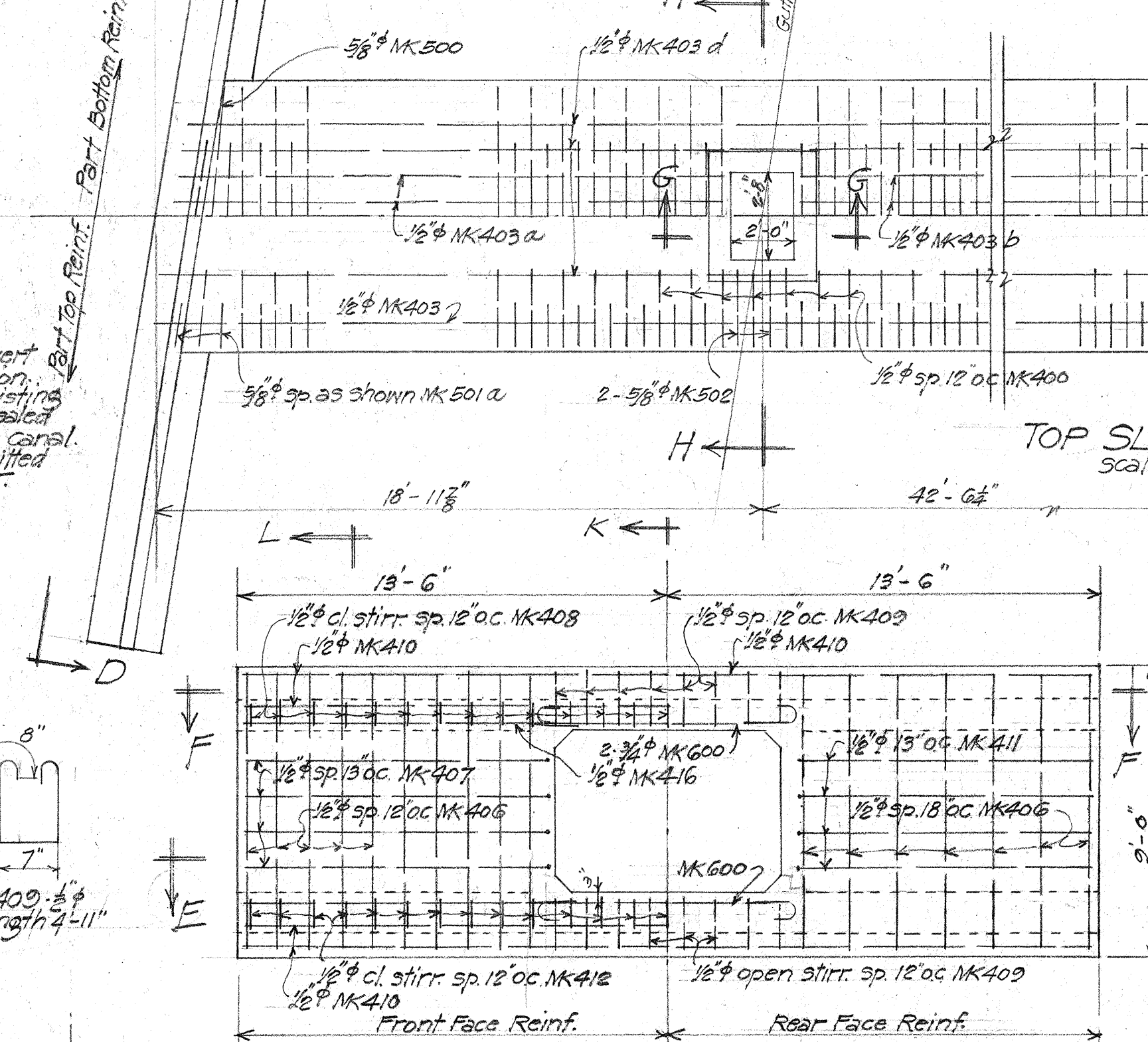
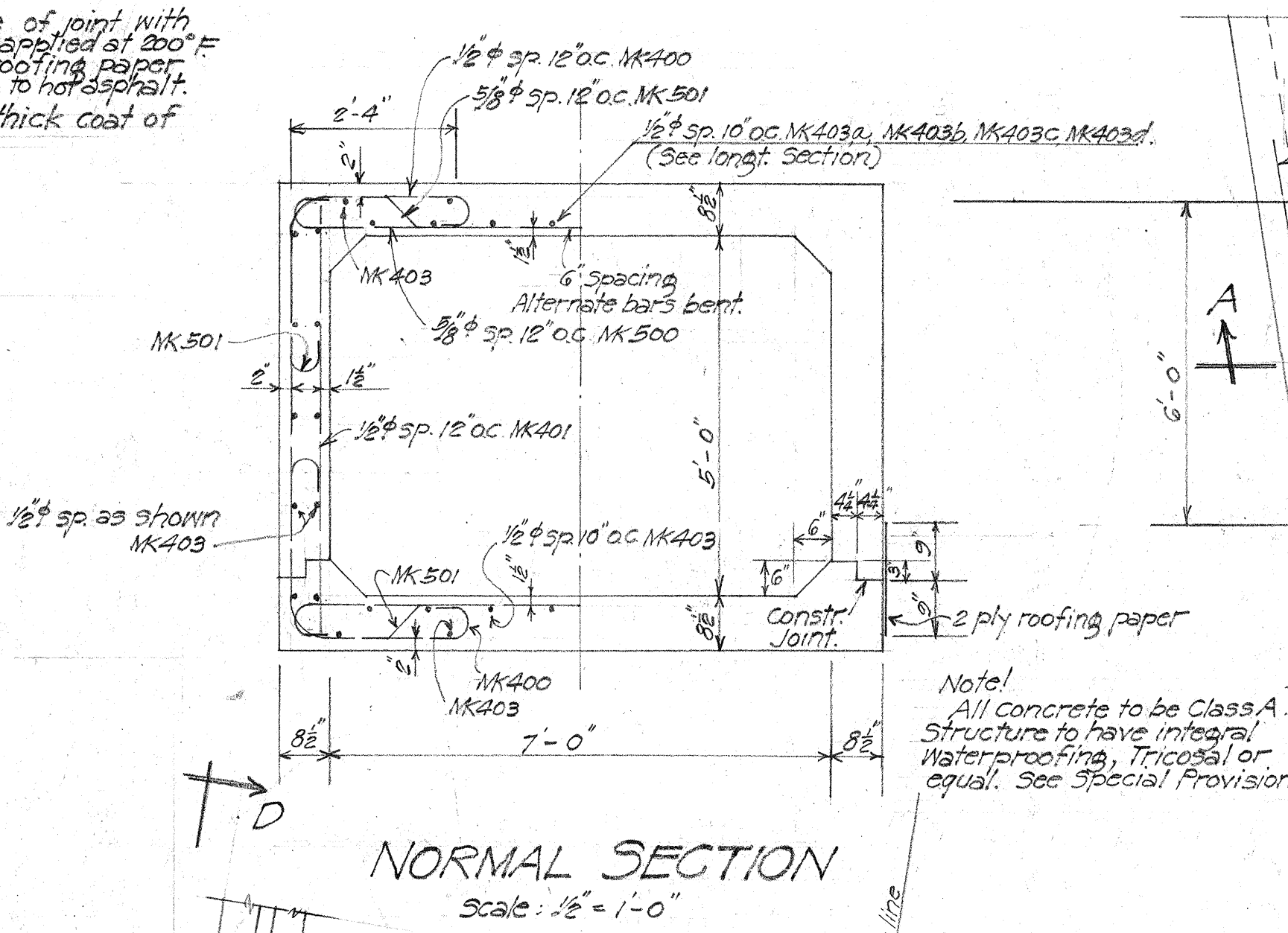
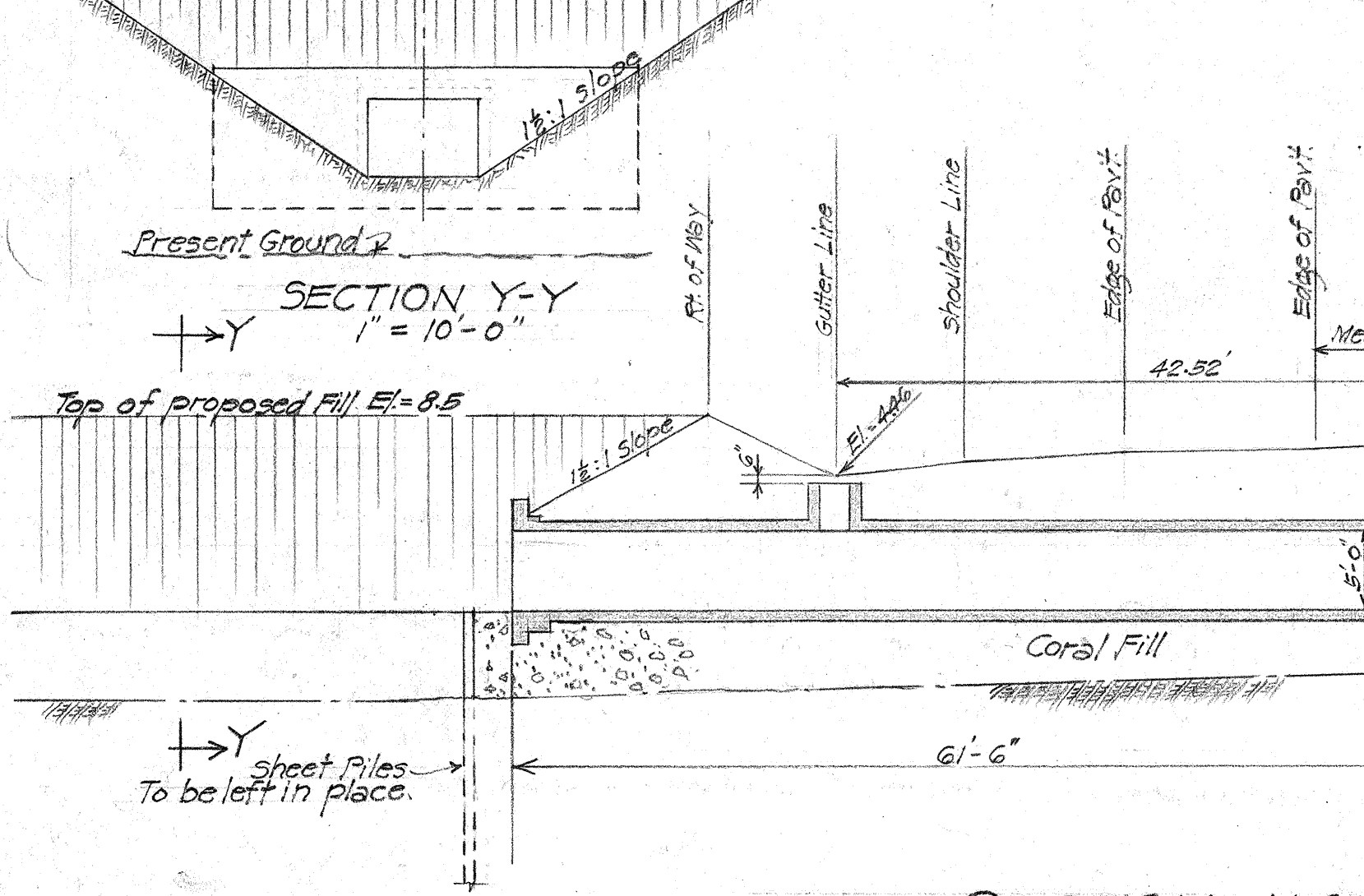
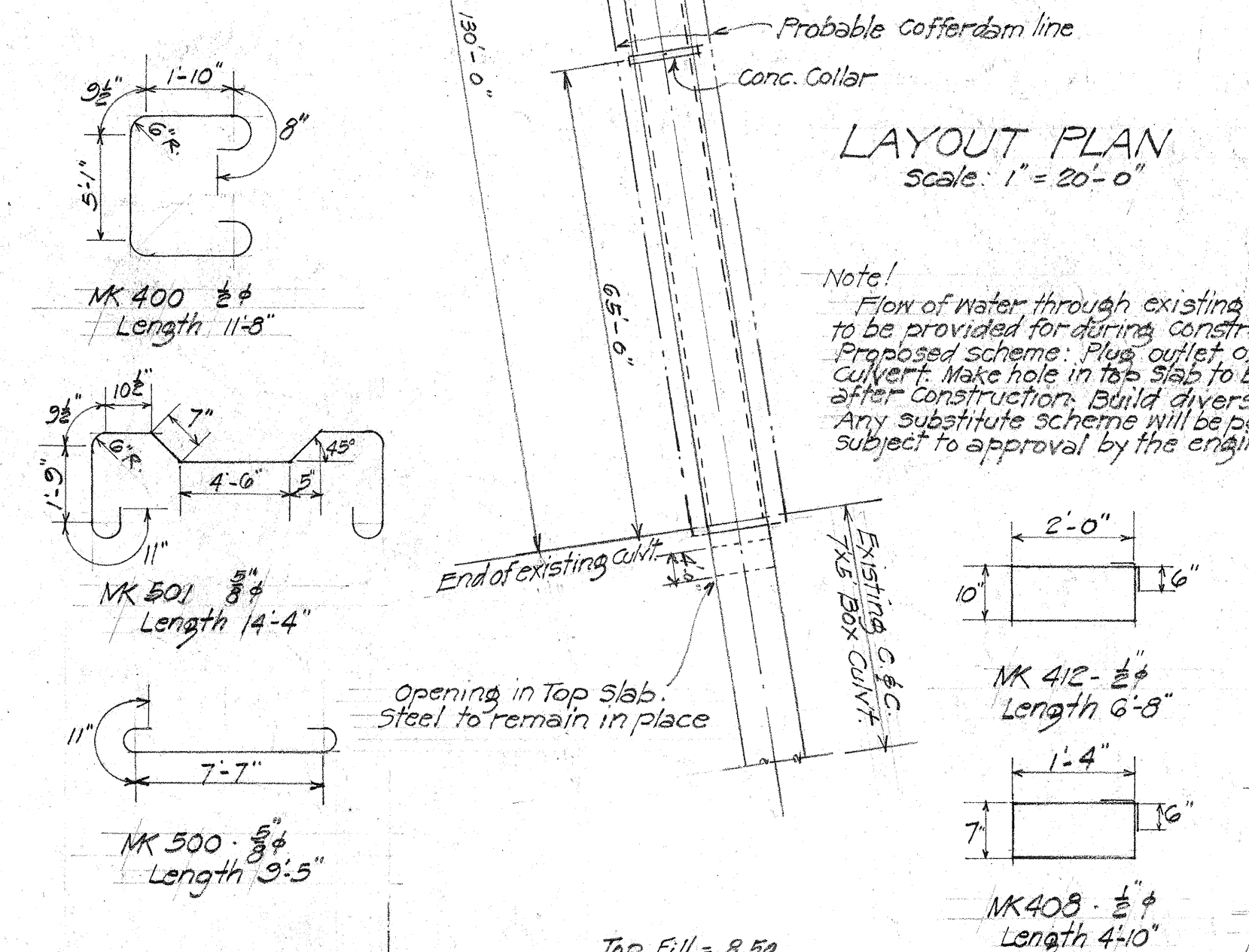
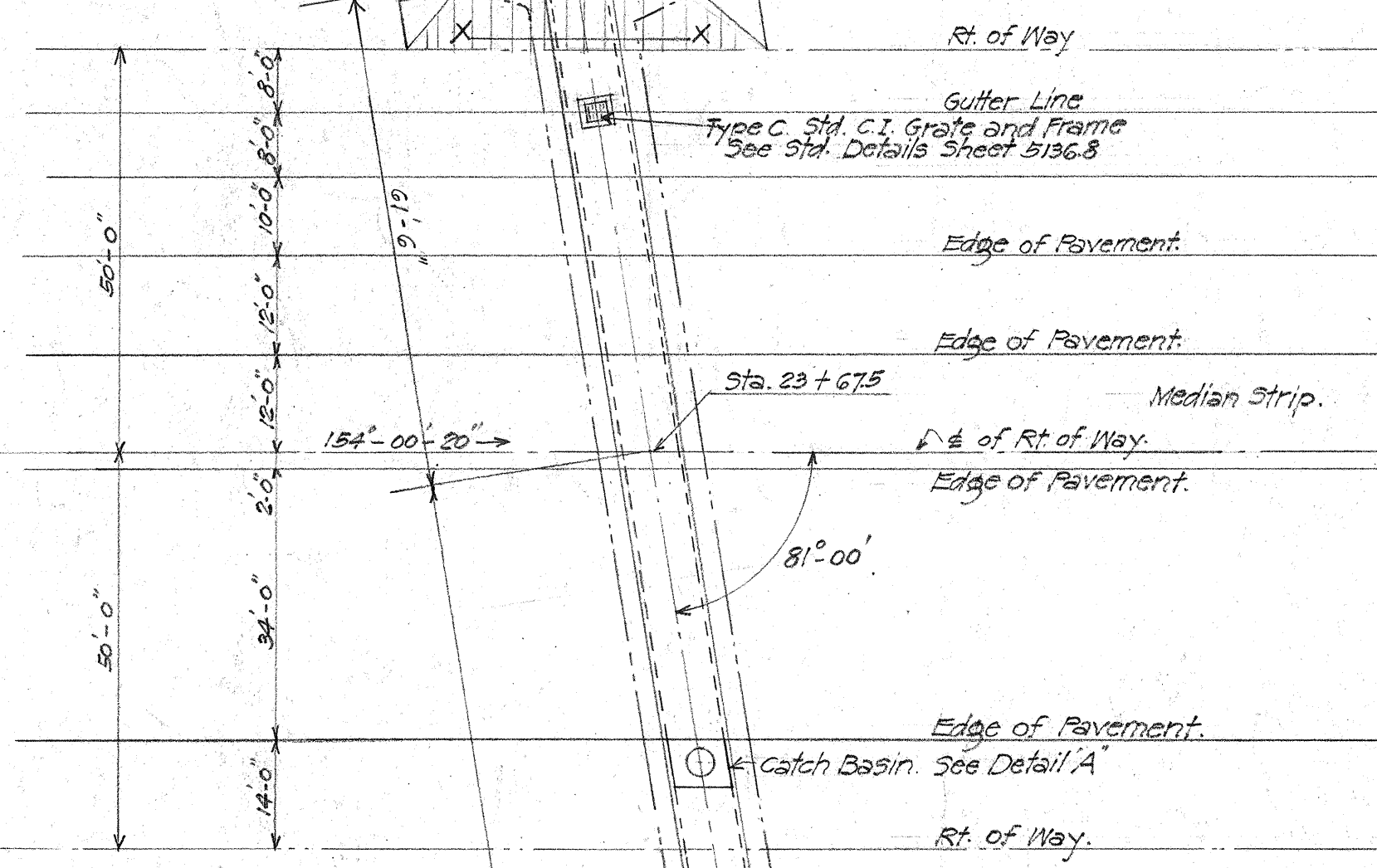


Note:
Sheet Piles down-
stream of X-X to be
of wood and left in
place after construction.

METHOD OF APPLYING CONST. JOINT WATERPROOFING:

1. Map 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. Apply 9' either side of joint to hot asphalt.
4. Map entire surface with thick coat of asphalt.



ESTIMATED QUANTITIES	
Class 'A' Conc. =	151.0 Cu Yds.
Reinf. Steel =	20,540 lbs
Structural Fxc. =	26 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.AWR 5(1)	
May 1944.	
SHEET 1 OF 1 SHEET	

5136.12

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

REV. DEC. 1944

DATE: 1/15/45
DESIGNED BY: M.R. Bartels
CHECKED BY: M.R. Bartels
QUANTITIES BY: M.R. Bartels
NOTE BOOK: 1/15/45