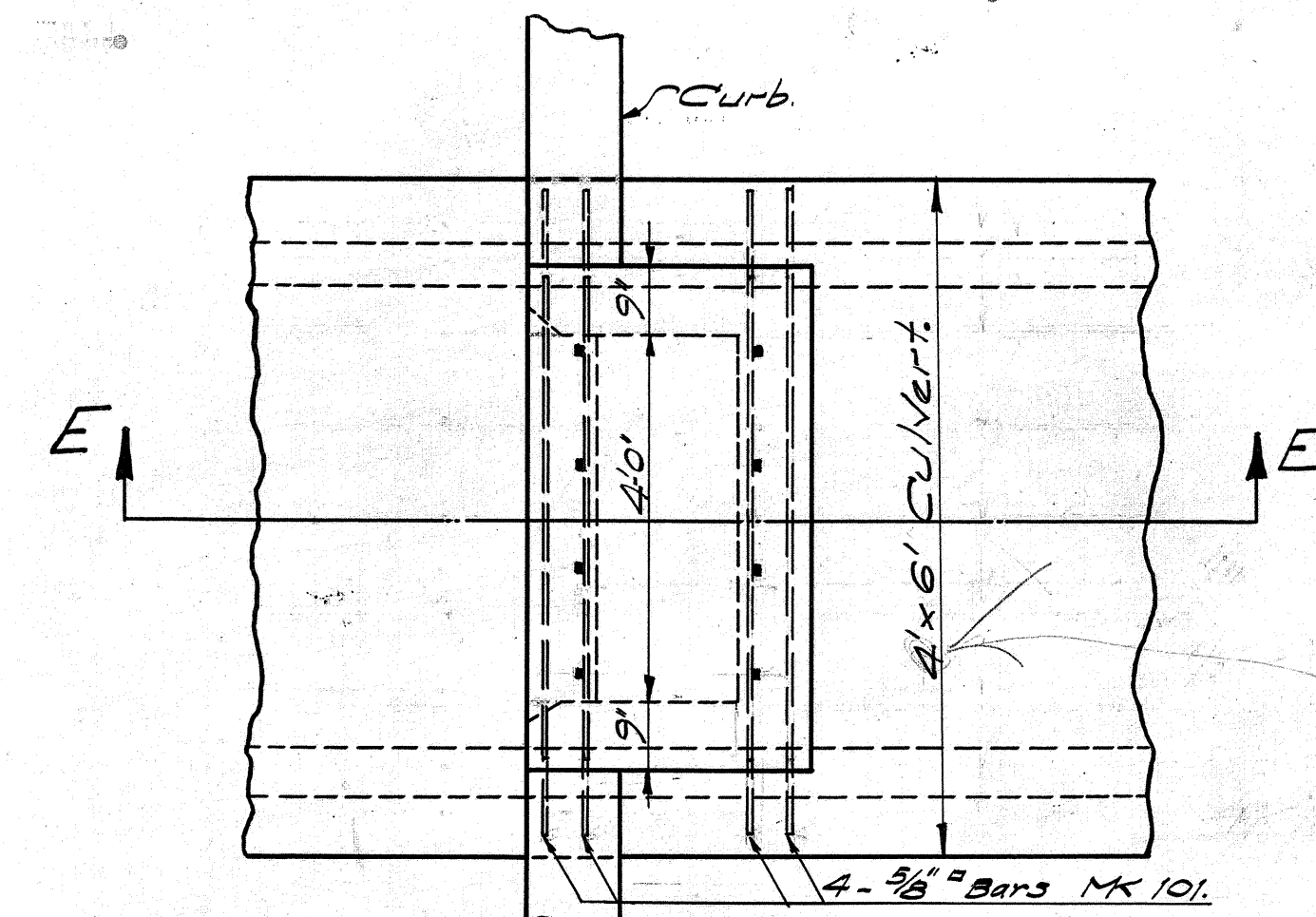
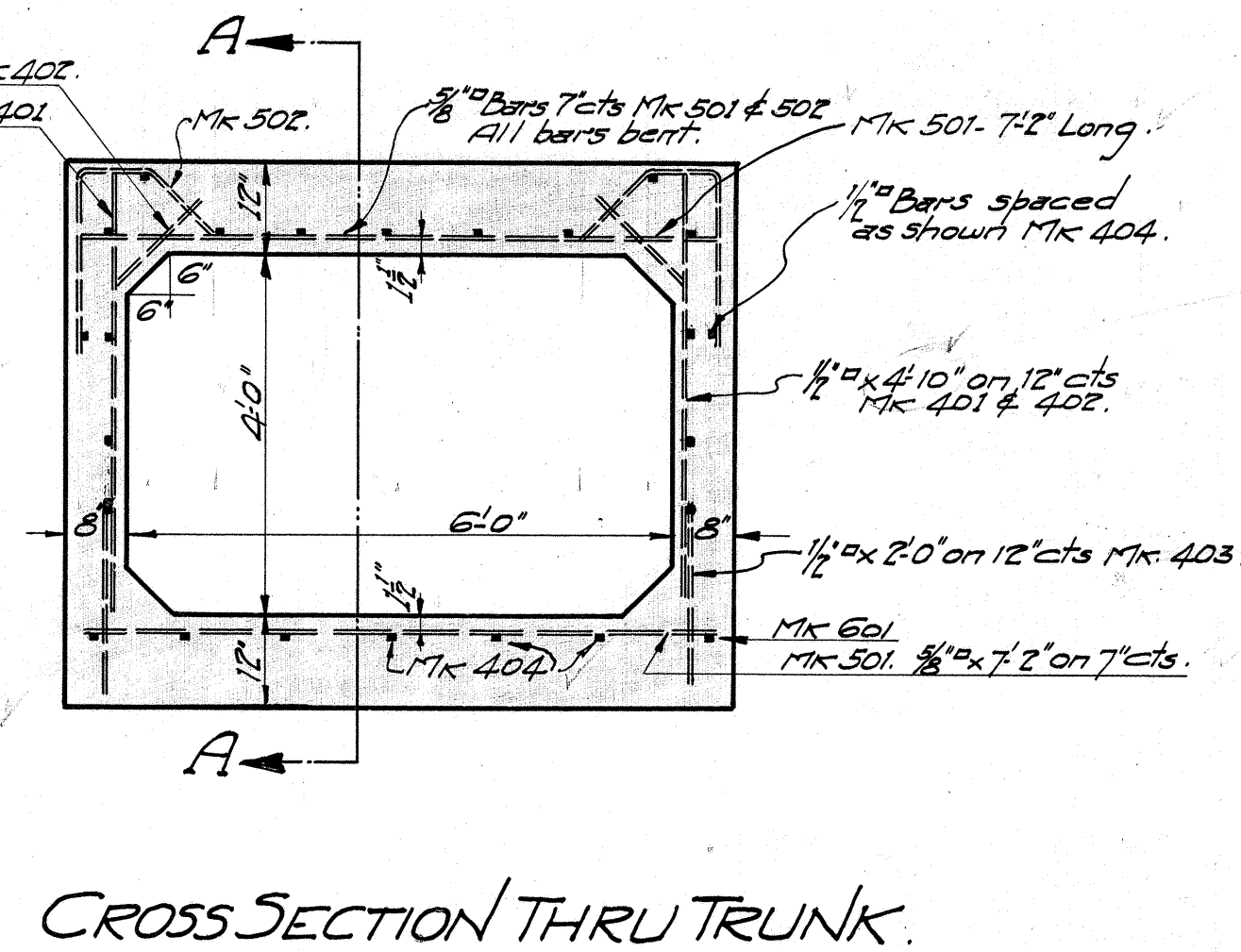
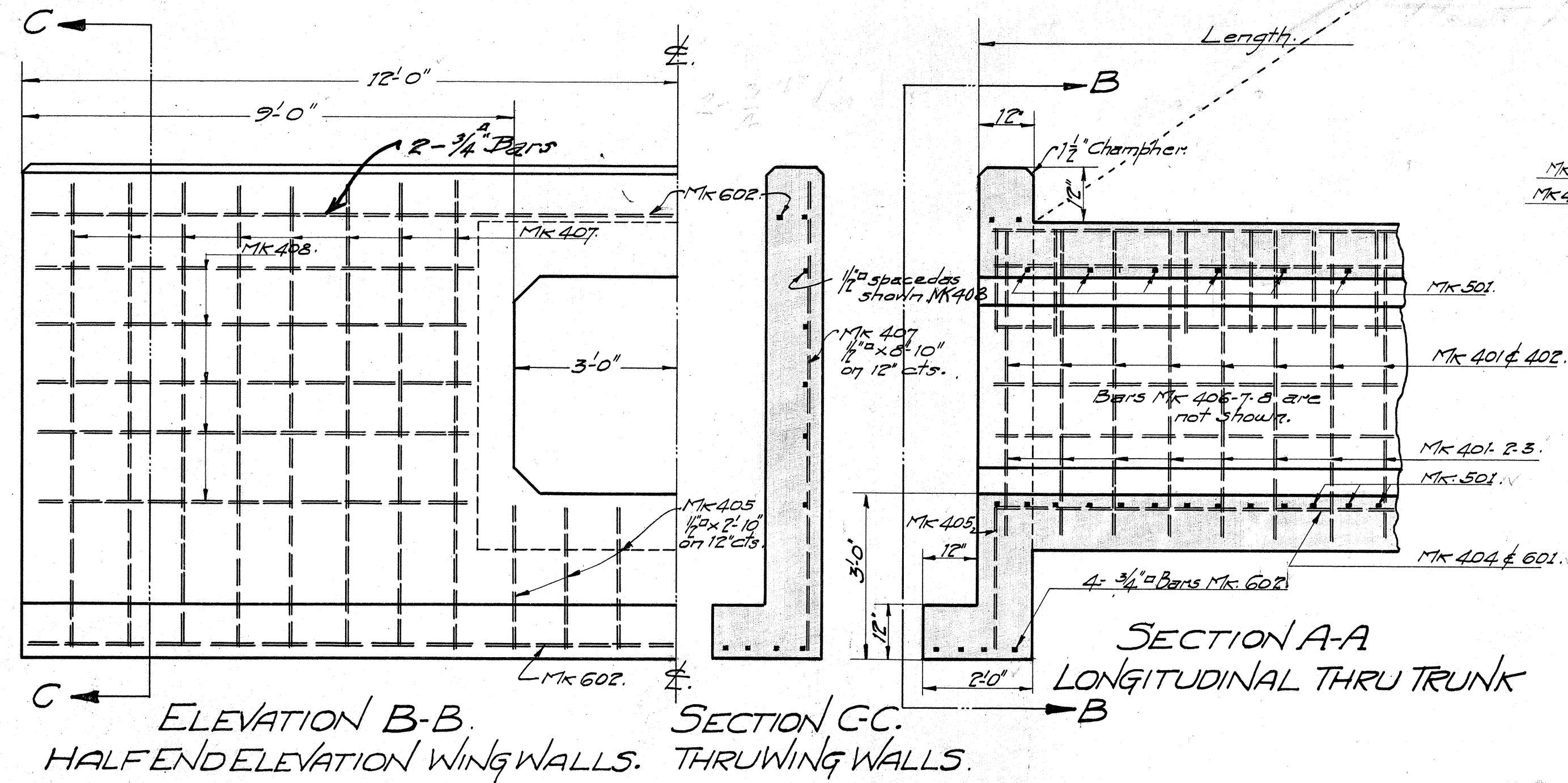


TERRITORIAL Highway ENGINEER

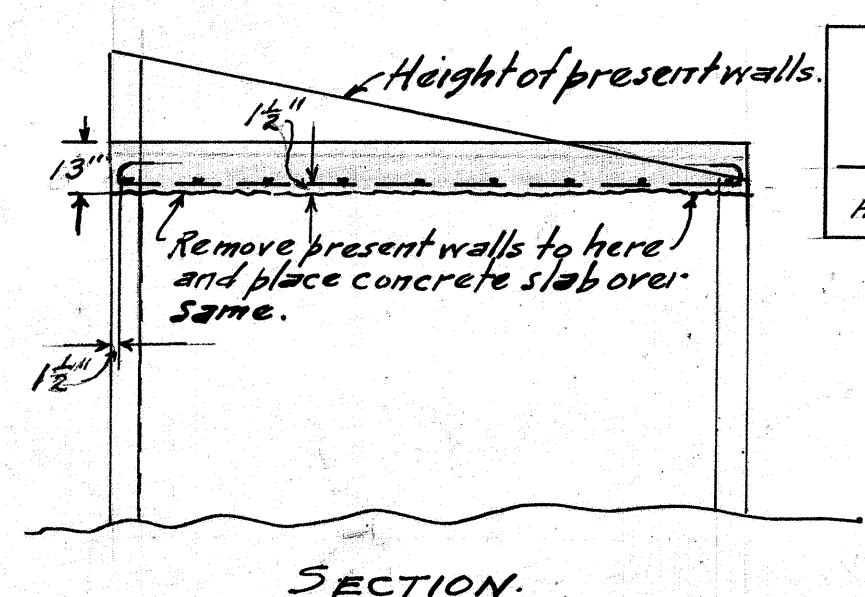
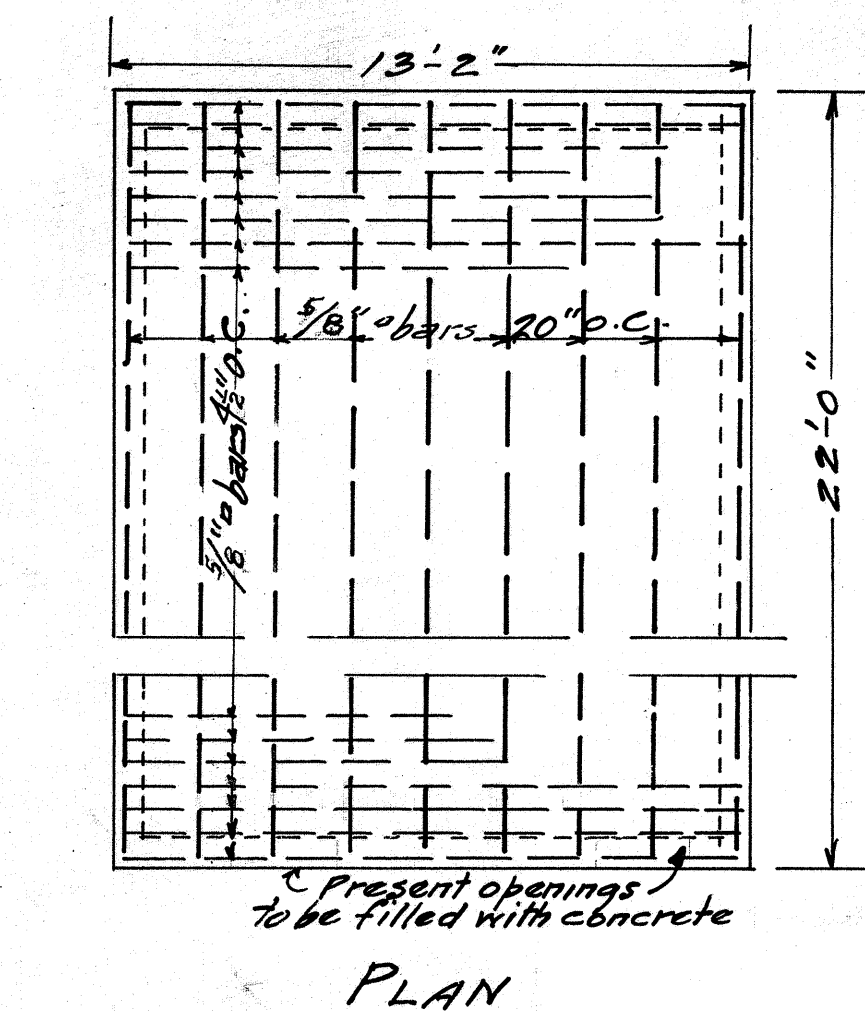


MARK	SIZE	BENDING	LENGTH
402	1/2"	3'6"	4'10"
408	1/2"	8'8"	11'0"
502	5/8"	4'0"	12'0"

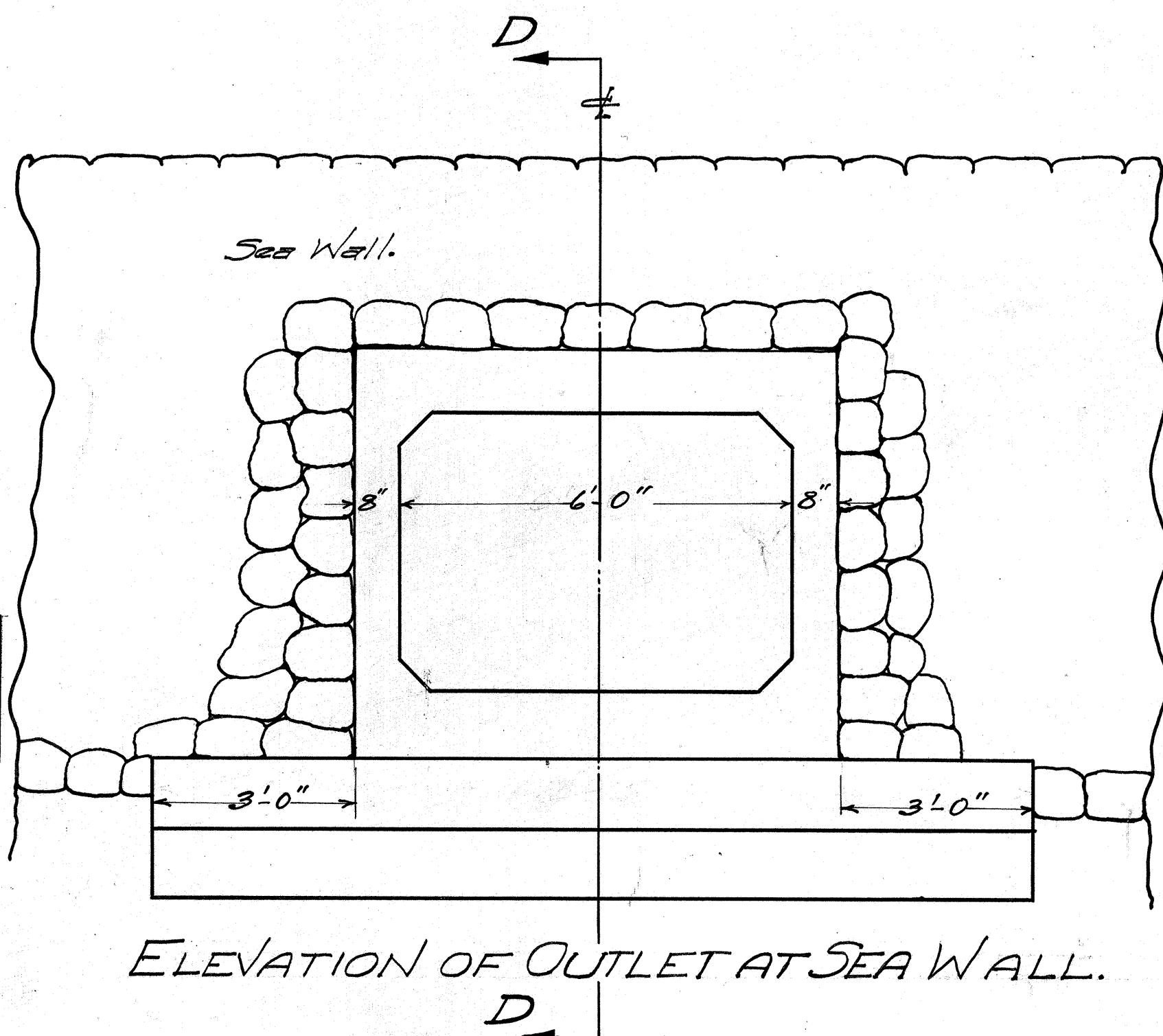
STANDARD 4'x6' CULVERT.

Scale 1/2" = 1'-0"

Note: All bars with no length shown are to be of such a length that they will come to within one inch of the surface of the concrete at each end. Splices will not be allowed except in longitudinal bars. All splices to lap 30 diameters securely wired together with #16 wire.



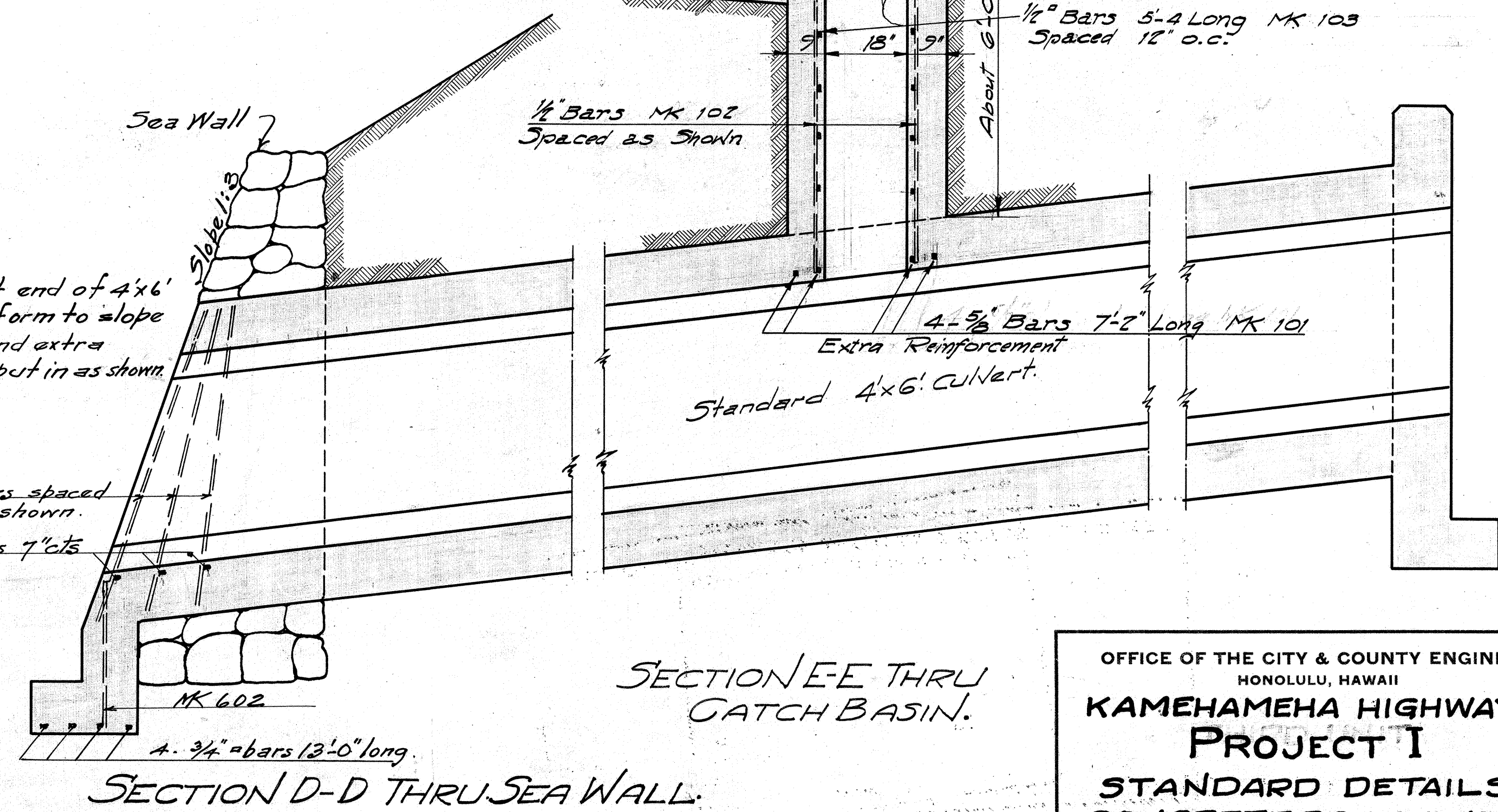
DETAIL OF SLAB OVER SPRING.
Scale 1/4" = 1'-0"
NEAR STA. 988+00.



STANDARD 4'x6' CULVERT

STATION 982+00.
Scale 1/2" = 1'-0"

Note: Outlet end of 4'x6' culvert to conform to slope of Sea Wall and extra reinforcement put in as shown.



SECTION E-E THRU GATCH BASIN.

OFFICE OF THE CITY & COUNTY ENGINEER
HONOLULU, HAWAII

KAMEHAMEHA HIGHWAY PROJECT I

STANDARD DETAILS CONCRETE BOX CULVERTS

ENGINEER B.B.M.-G.K.L.-S.L.W. DATE
DRAFTSMAN S.L.W.-D.A.A. CHECKED BY S.L.W.
SCALE As Noted
APPROVED: CITY & COUNTY ENGINEER

3076.46