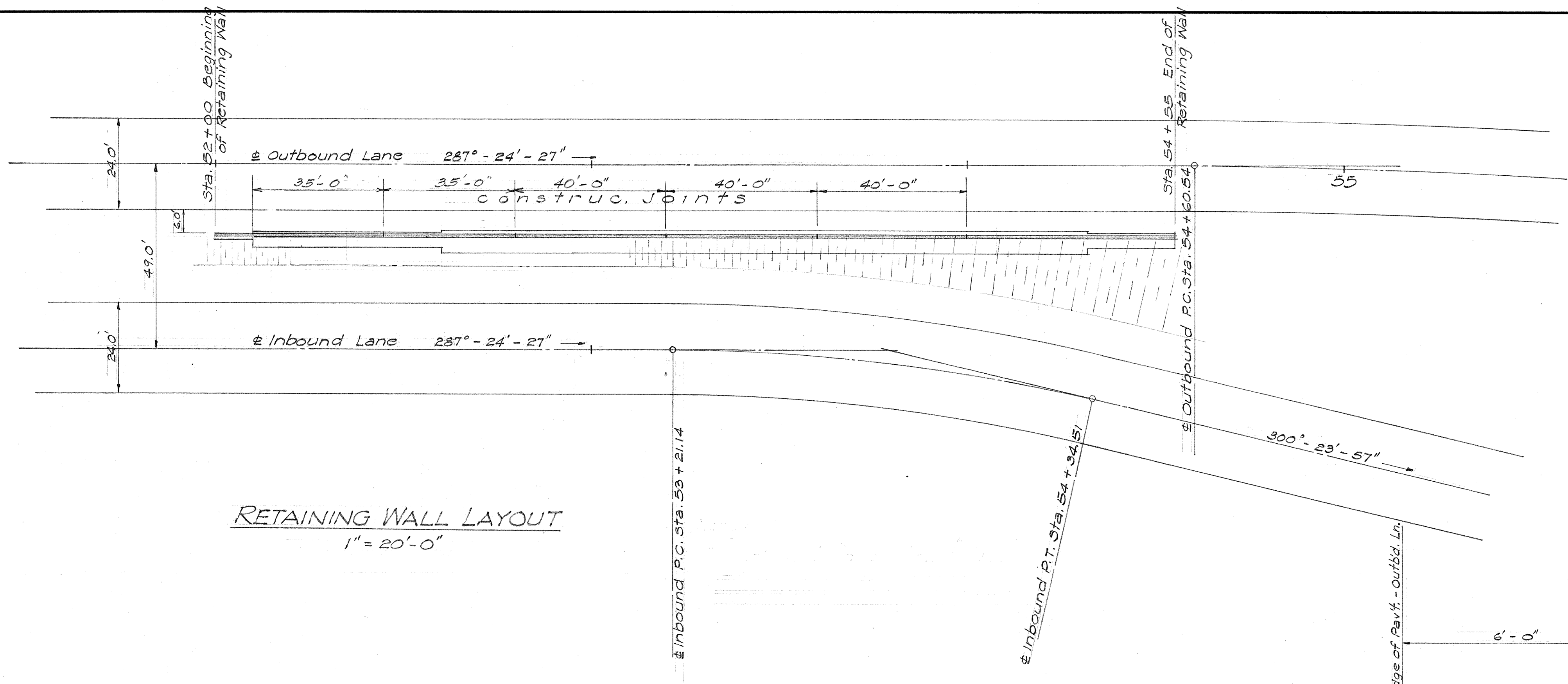
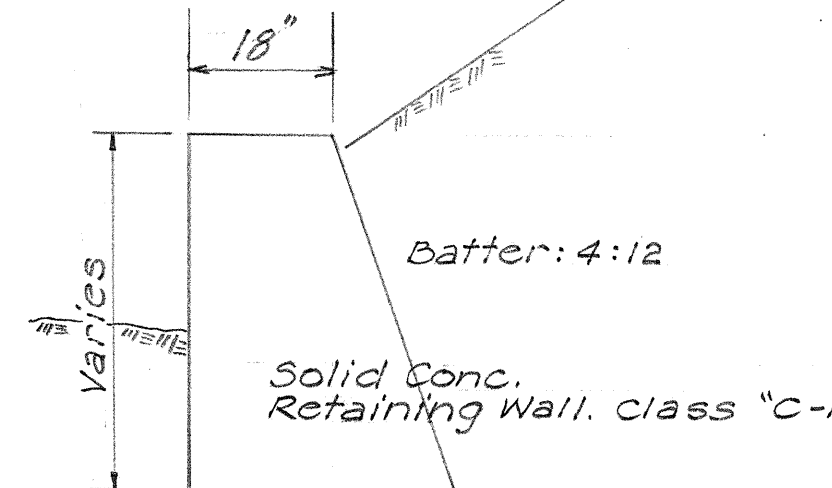
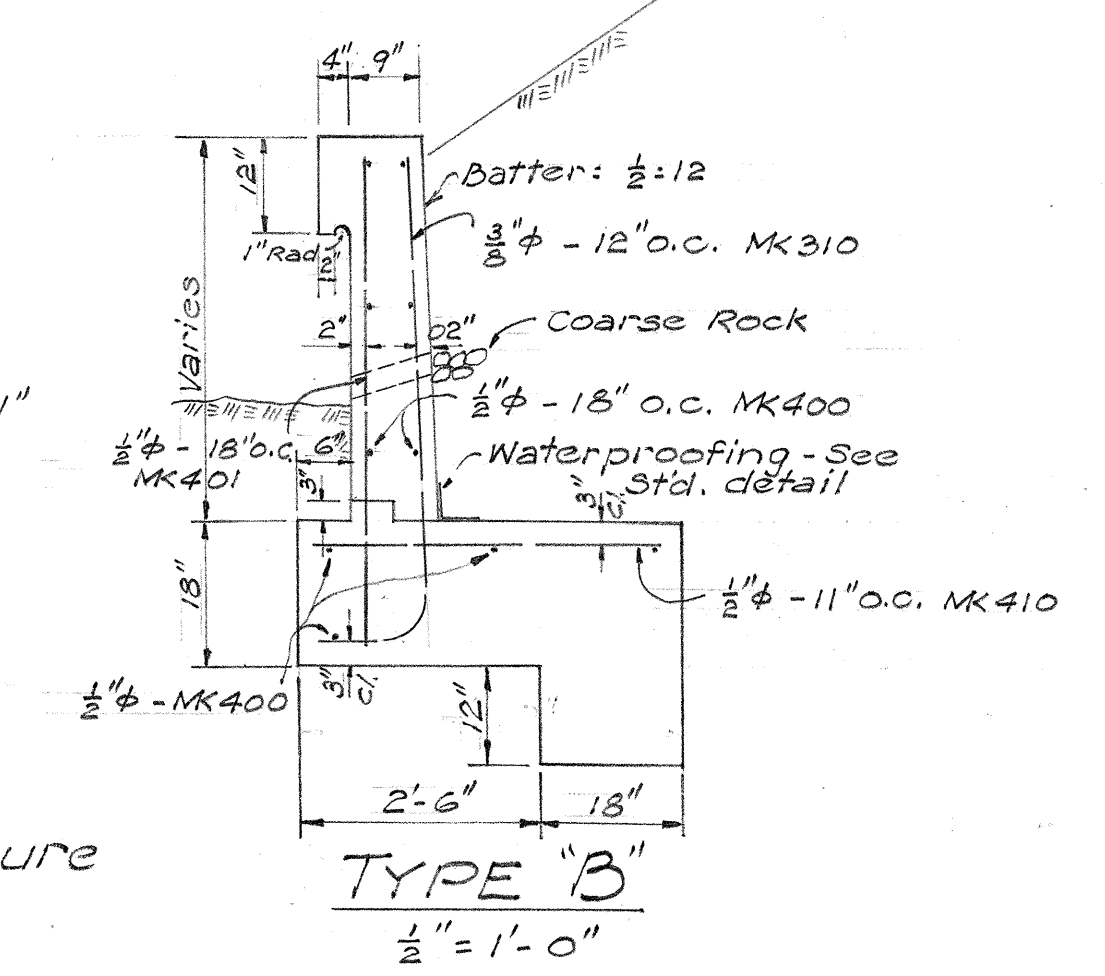




RETAINING WALL LAYOUT
1" = 20'-0"

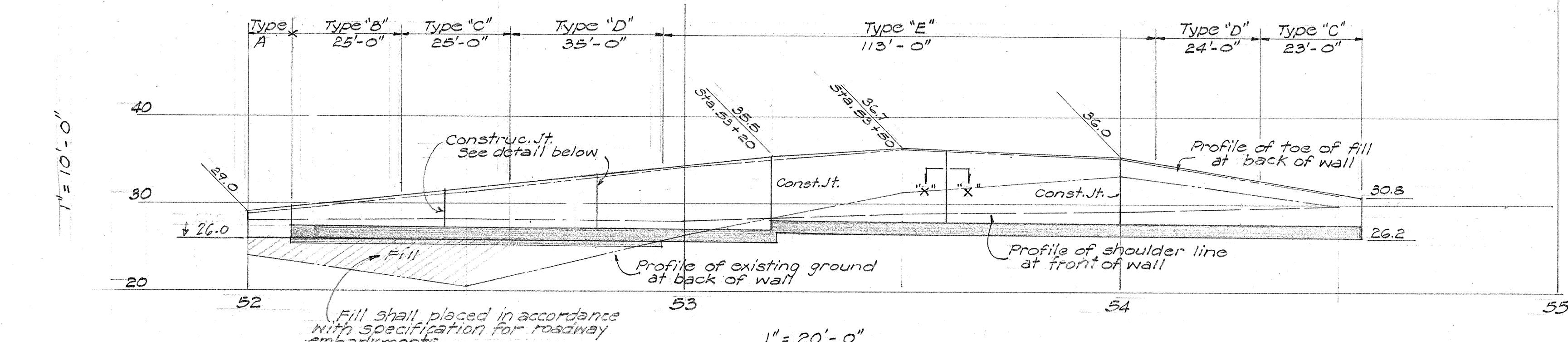


TYPE "A"
1/2" = 1'-0"

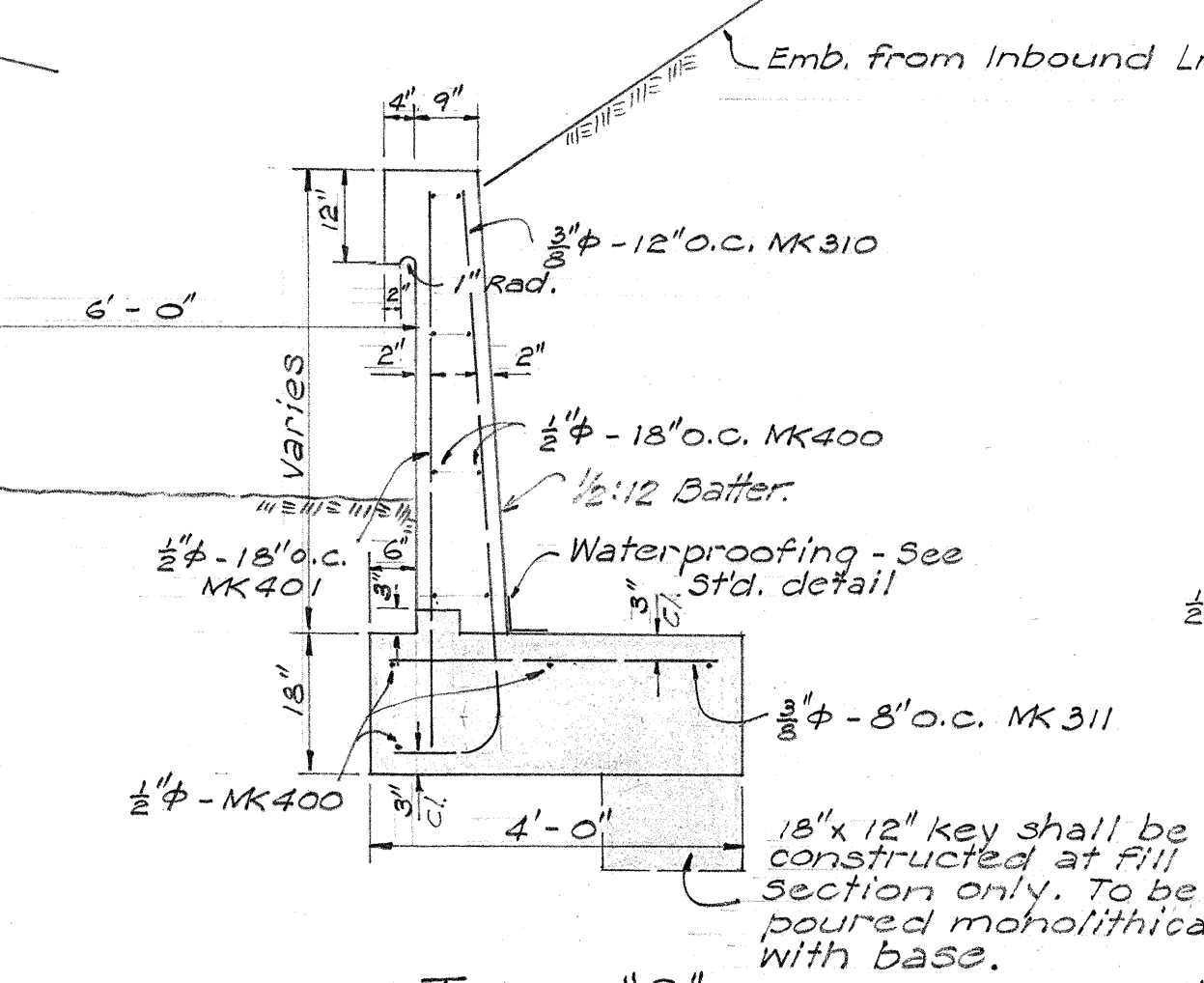


Max. Soil Pressure
2000#

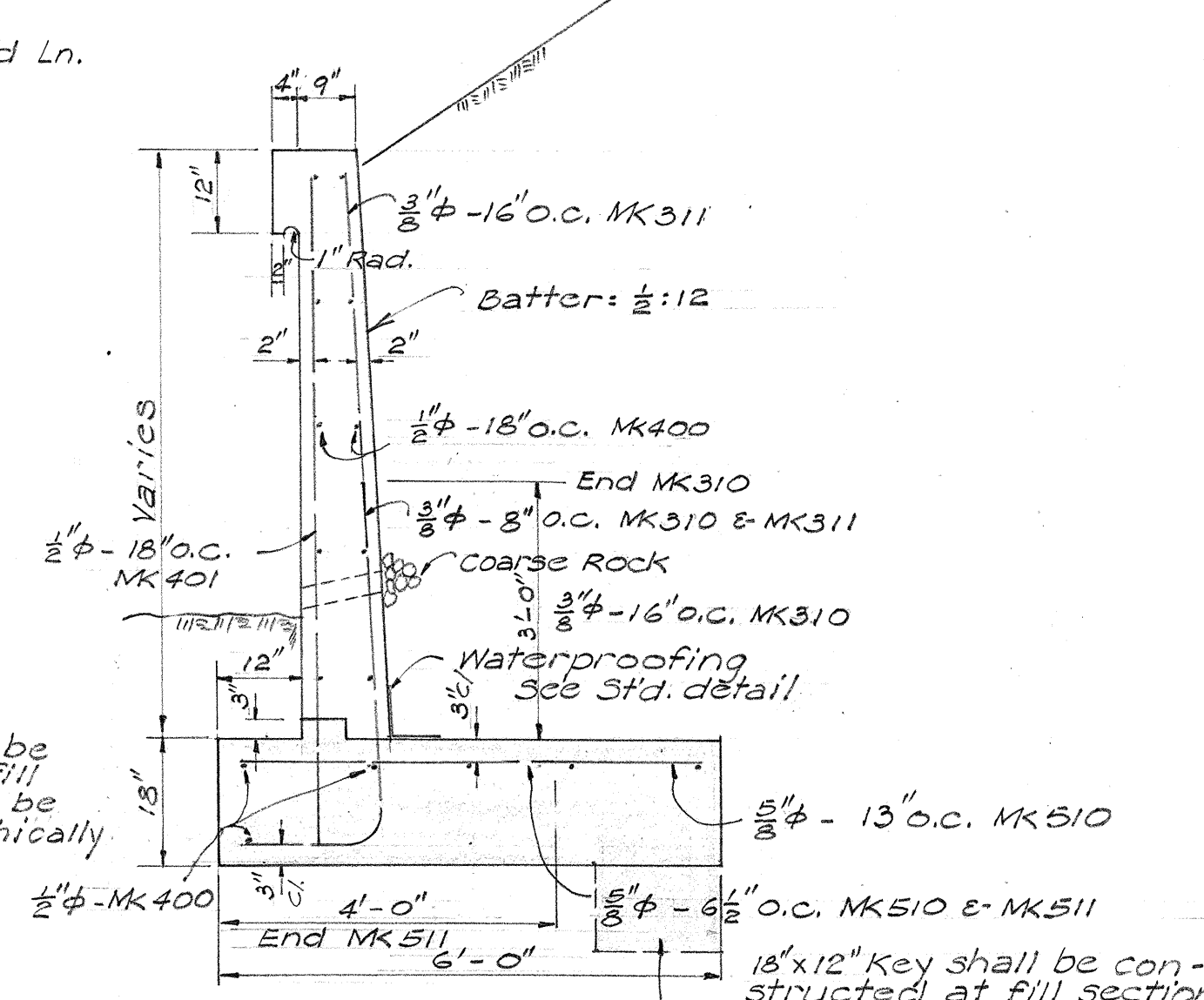
TYPE "B"
1/2" = 1'-0"



PROFILE OF RETAINING WALL
1" = 20'-0"

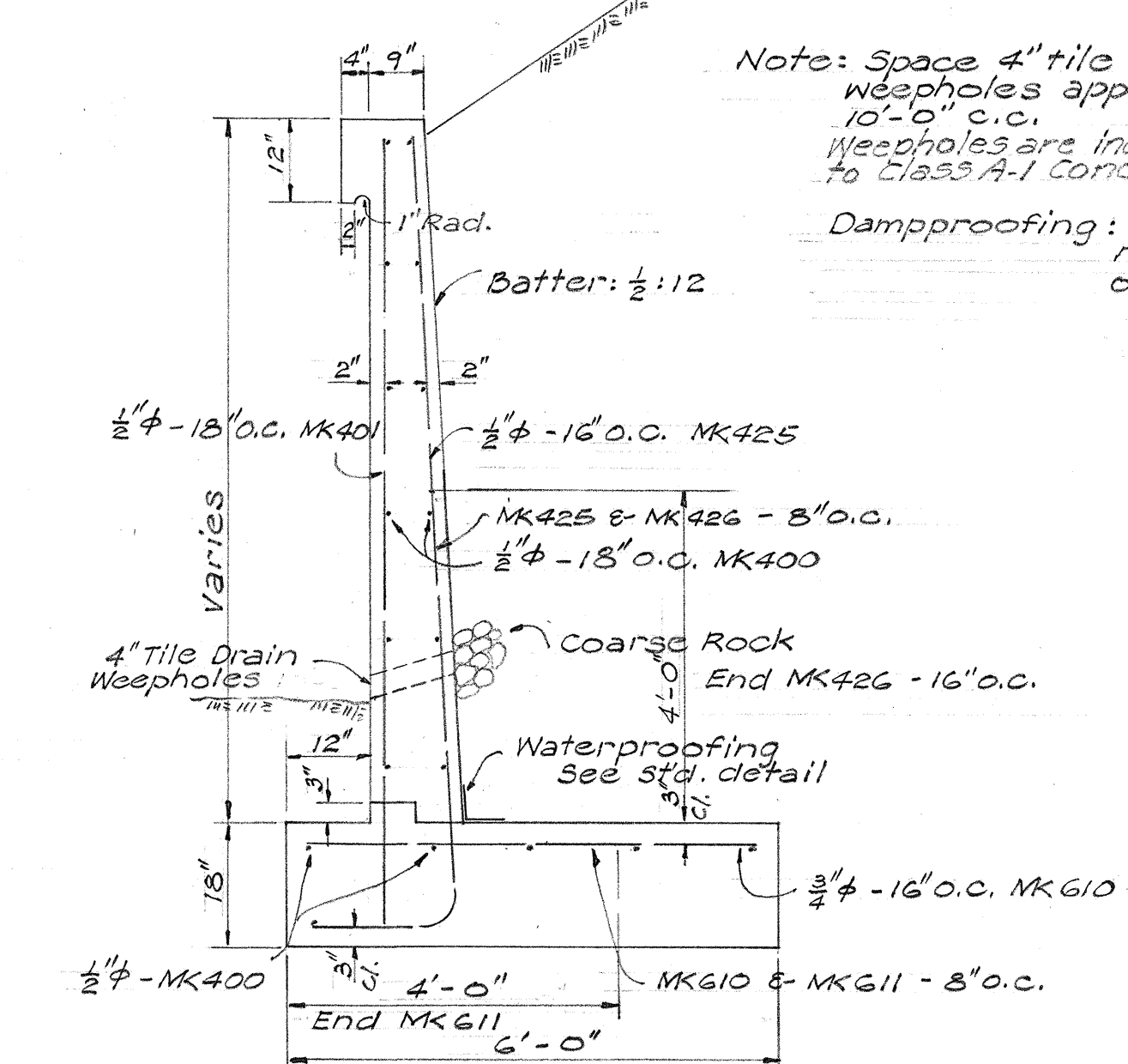


TYPE "C"
1/2" = 1'-0"

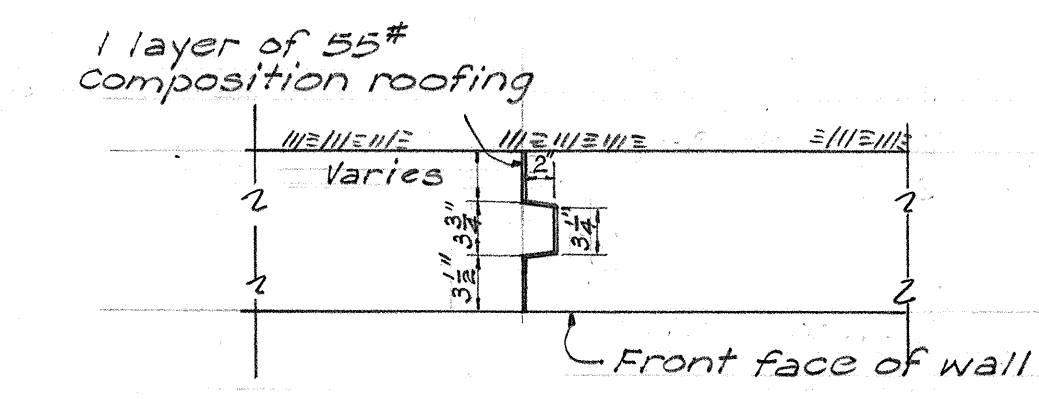


TYPE "D"
1/2" = 1'-0"

Note: Space 4" tile drain weepholes approx. 10'-0" c.c. Weepholes are incidental to Class "A-1" Conc.
Dampproofing: Dampproofing of structure required according to Sec. 66 of the Standard Specifications.



TYPE "E"
1/2" = 1'-0"



SECTION "X-X"
1" = 1'-0"

Note:
The embankment for the outbound lane shall be brought to grade, thoroughly rolled and compacted before excavation for the new retaining wall shall begin.

EST. QUANT.	
Class "C-1" Conc.	2.5 C.Y.
Class "A-1" Conc.	128.0 C.Y.
Reinf. Steel	6550 Lb.
Struc. Exc.	221.4 C.Y.
*Dampproofing	3770 S.Y.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
RETAINING WALL DETAILS
STA. 52+00 - STA. 54+55
WAIAWA CUTOFF F47(4)