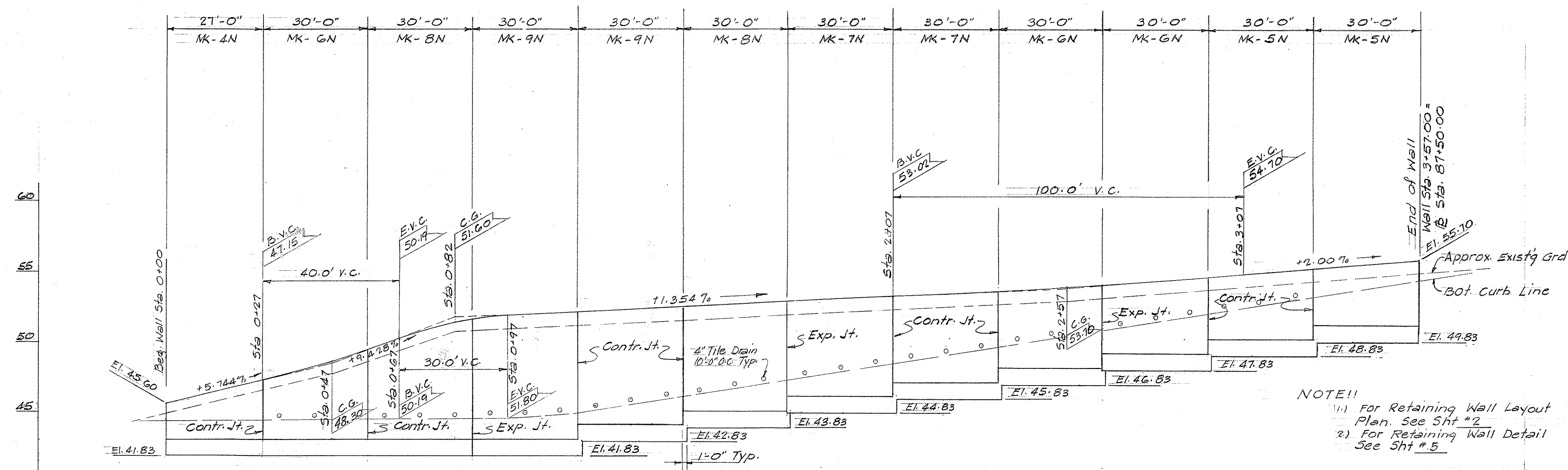




ELEVATION RETAINING WALL SCALE: Vert. 1"=5'-0" Horiz. 1"=20'-0"

RETAINING WALL ESTIMATED QUANT.	
CLASS A-1 CONCRETE	150.0 C.Y.
REINFORCING STEEL	8,510.0*
STRUCT. EXC.	290.0 C.Y.
FILTER MATERIAL	30.0 C.Y.

NOTE!!
 1) For Retaining Wall Layout Plan. See Sht #2
 2) For Retaining Wall Detail See Sht #5

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RETAINING WALL

WIDENING OF WAIMANO HOME RD.

PROJ. No. GD 65-330

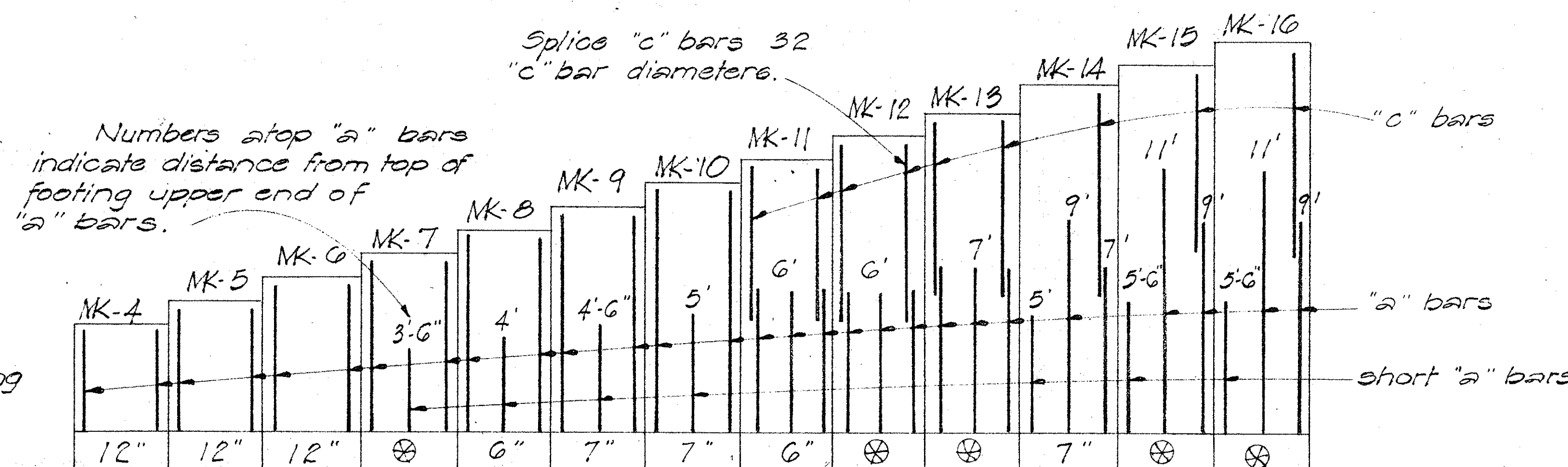
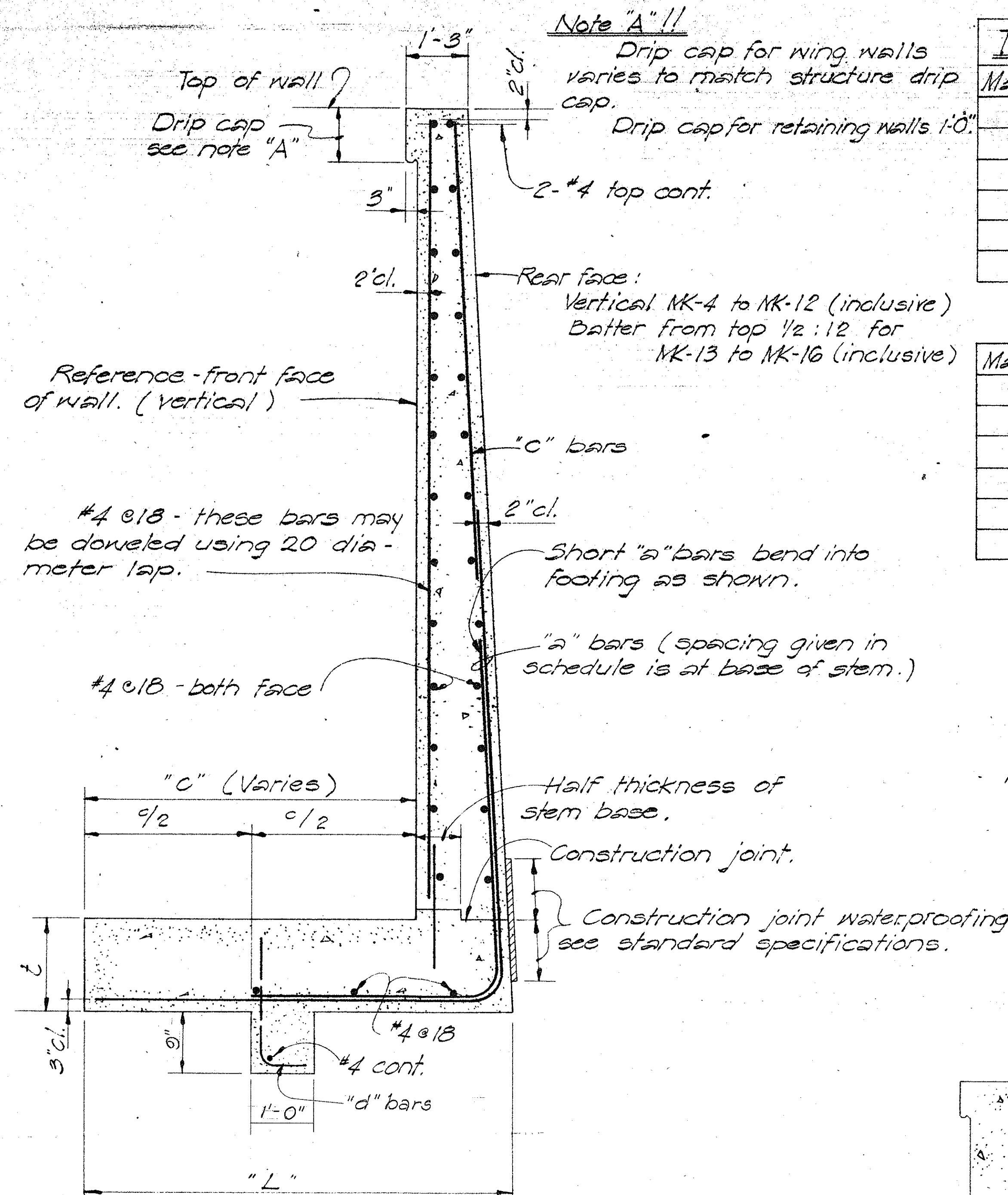
Scale: As Noted July 1966

SHEET No. 1 OF 2 SHEETS

TYPE L-2 WALL SCHEDULE OF DIMENSIONS AND REINFORCING STEEL

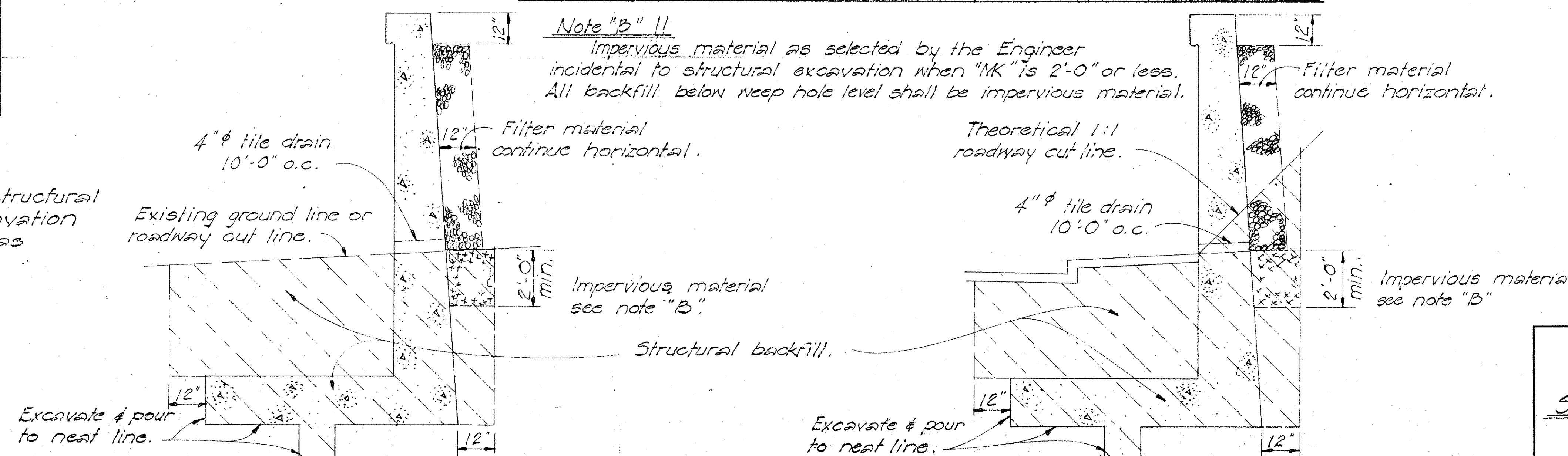
Maximum "MK"	4 5	5 5	6 5	7 5	8 5	9 5	10 5	11 5	12 5	13 5	14 5	15 5	16 5
L	2.5'	3.0'	3.75'	4.5'	5.75'	6.5'	8.0'	8.75'	10.0'	11.5'	12.5'	13.75'	15.0'
t	14"	14"	15"	15"	18"	18"	18"	21"	24"	24"	27"	30"	33"
"a"	#3@12	#3@12	#4@12	#4@9	#4@6	#5@7	#6@7	#6@6	#7@6	#6@6	#7@7	#7@6	#8@7
"c"	—	—	—	—	—	—	—	#4	#4	#4	#4	#4	#5
B	See Wall Elevation												
"d"	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@10	#4@10	#4@10

Maximum "MK"	4 N	5 N	6 N	7 N	8 N	9 N	10 N	11 N	12 N	13 N	14 N	15 N	16 N
L	2.5'	3.0'	3.5'	4.25'	5.0'	5.75'	6.5'	7.5'	8.75'	9.0'	9.75'	10.75'	11.75'
t	14"	14"	14"	14"	14"	14"	14"	14"	18"	18"	21"	24"	27"
"a"	#3@12	#3@12	#4@12	#4@7	#4@6	#5@7	#6@7	#6@6	#7@7	#7@7	#7@7	#7@7	#7@6
"c"	—	—	—	—	—	—	—	#4	#4	#4	#4	#4	#5
"B"	See Wall Elevation												
"d"	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@12	#4@10	#4@10	#4@10



VERTICAL REINFORCING STEEL ARRANGEMENT

Note 11
Hatched areas denotes limits of structural excavation pay line. All other excavation shall be roadway excavation except as otherwise noted.



CASE I STRUCTURAL EXCAVATION & DRAINAGE DETAIL

CASE II