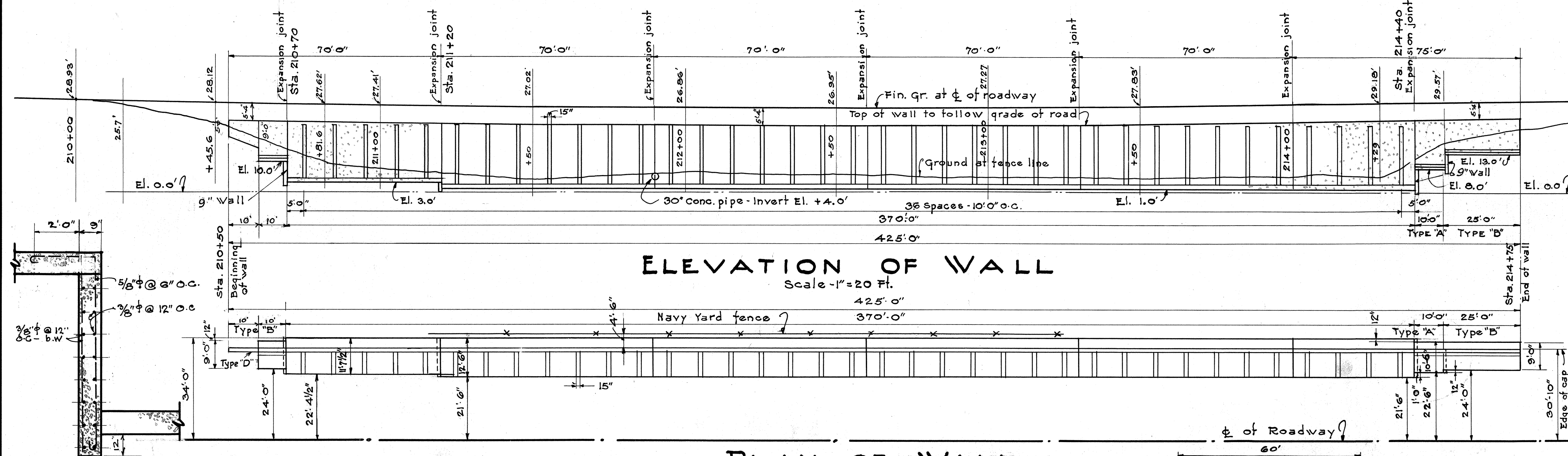
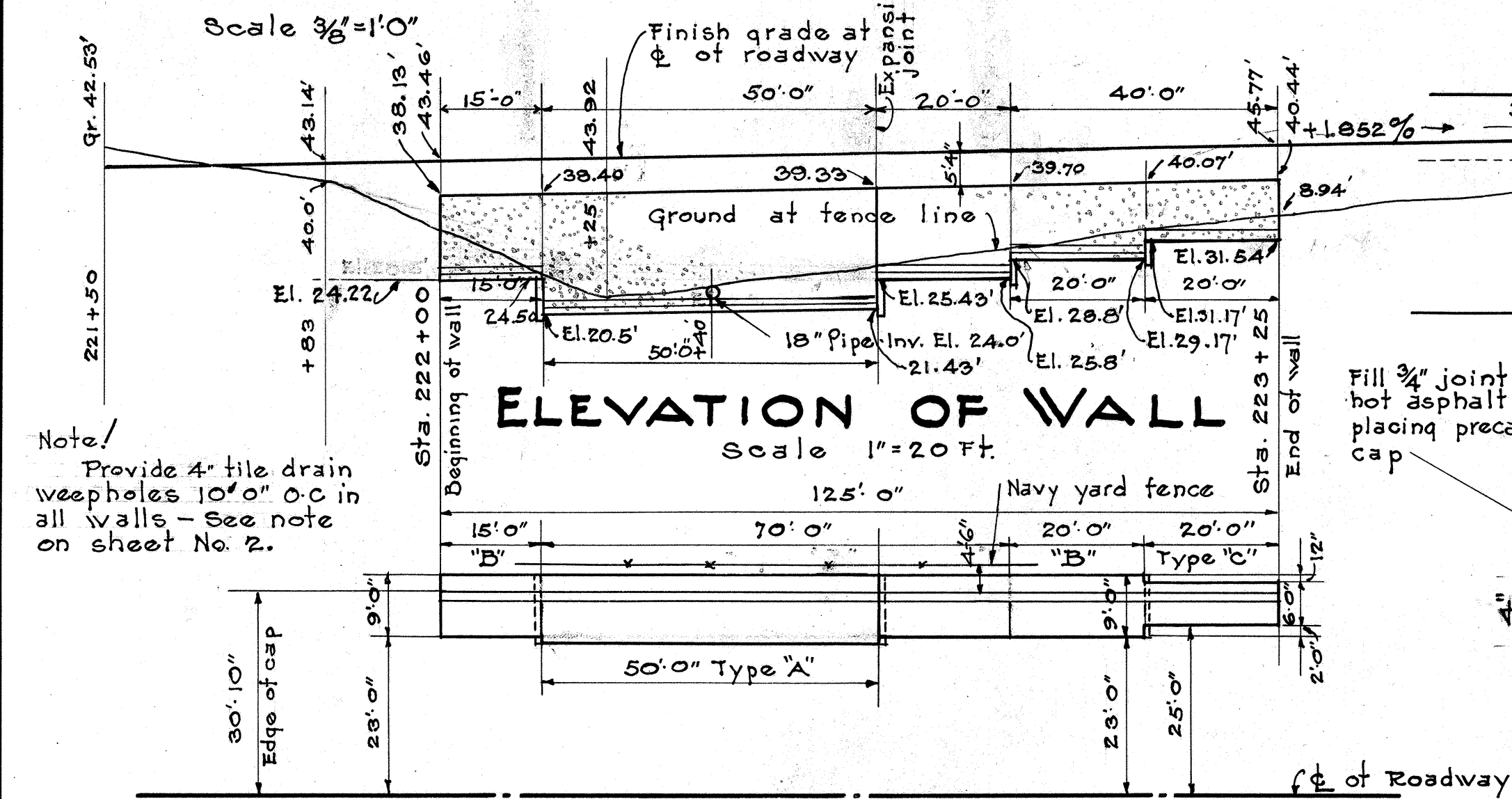




ELEVATION OF WALL
Scale 1"=20 Ft.

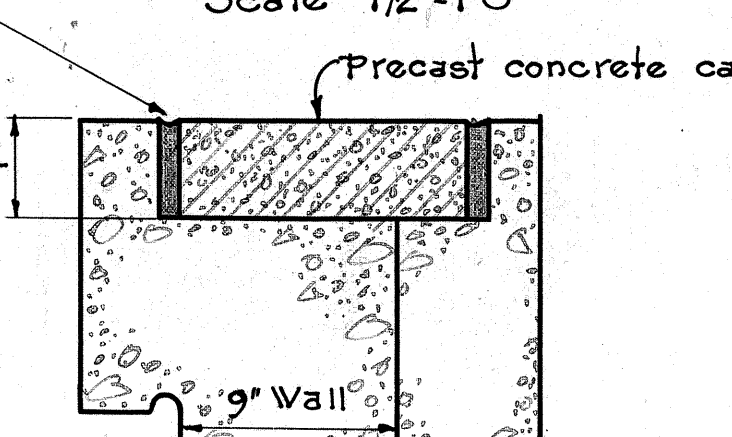
DET. OF CUT-OFF WALL
Scale 3/8"=1'0"



ELEVATION OF WALL
Scale 1"=20 Ft.

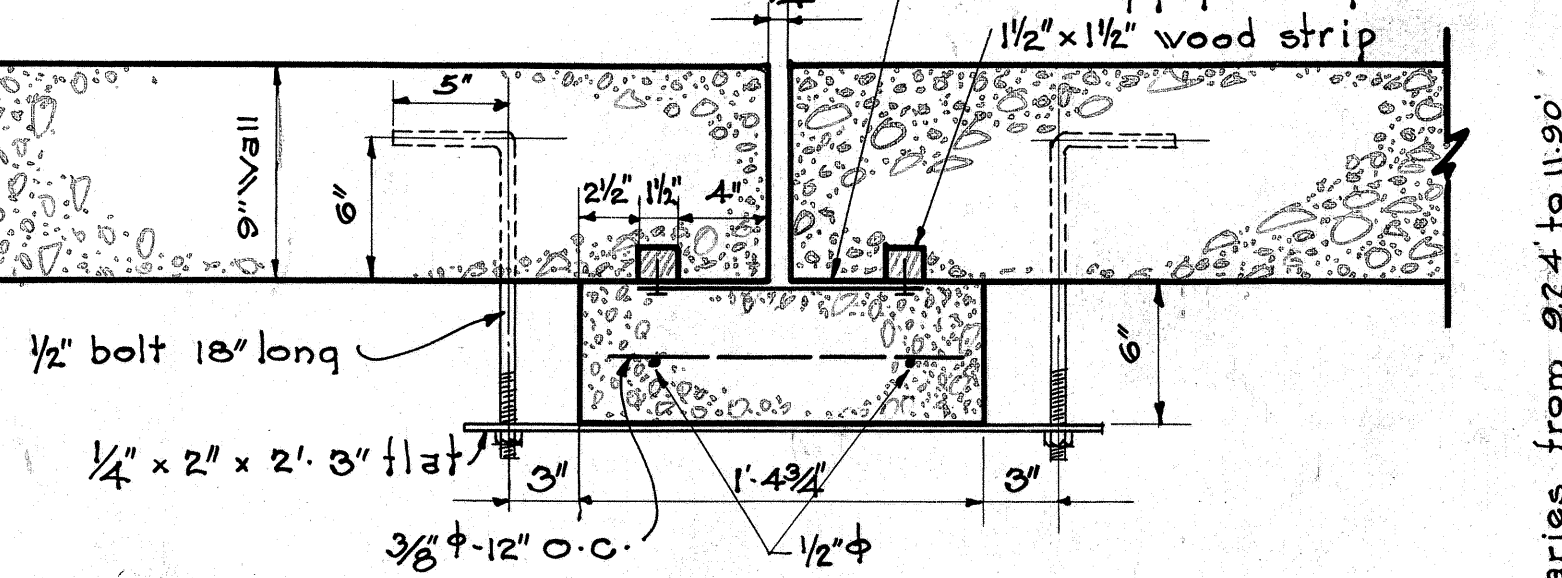
PLAN OF WALL
Scale 1"=20 Ft.

PLAN OF CAP
Scale 1/2"=1'0"

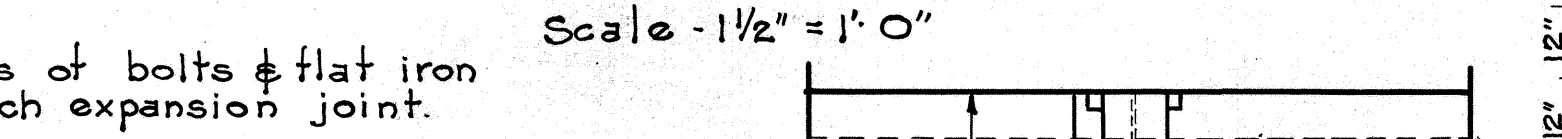


SECTION

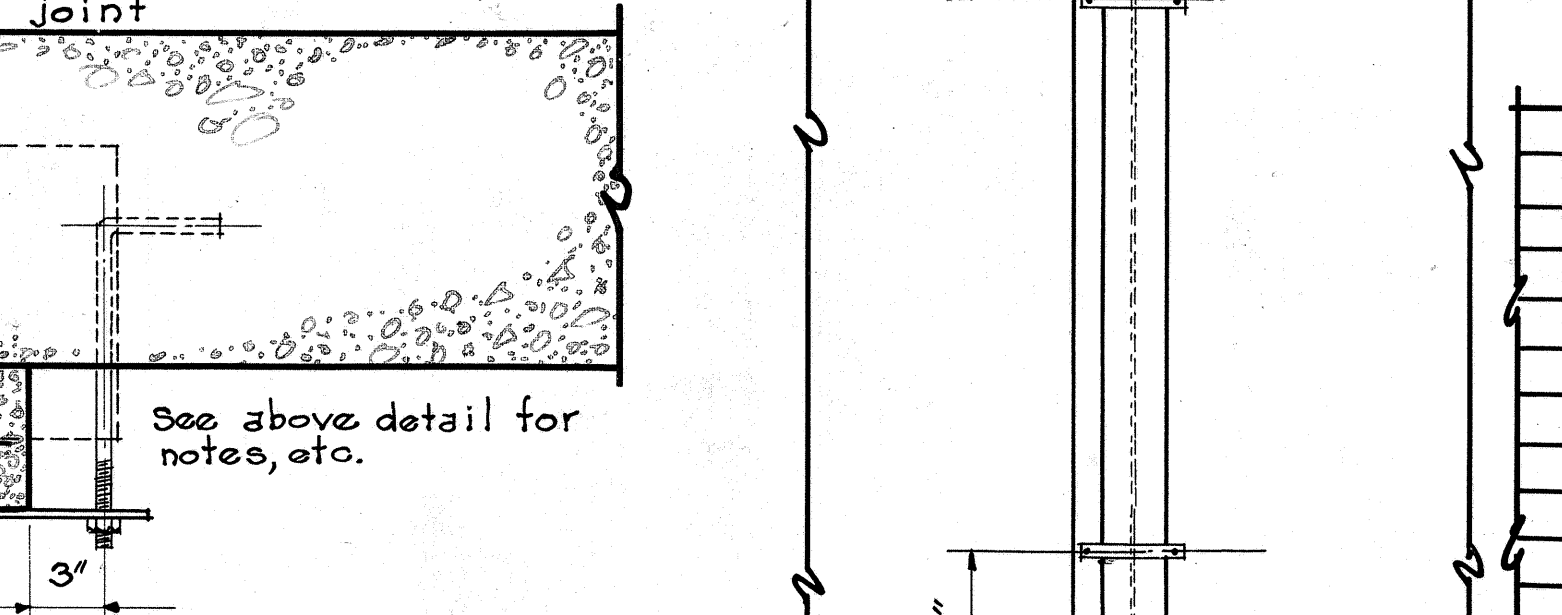
RETAINING WALL AT STA. 218+50-219+10
Scale 1"=20 Ft.



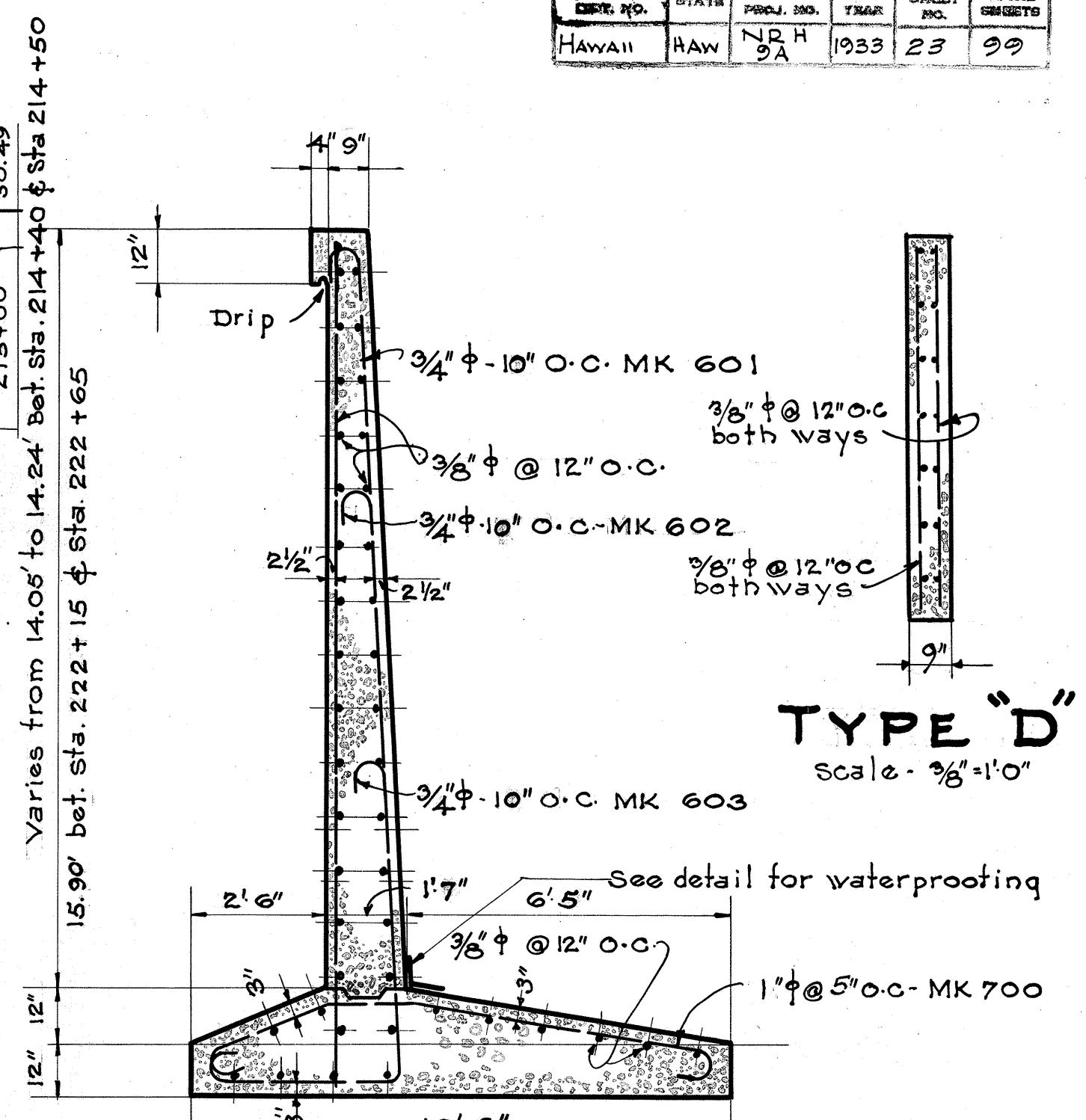
EXPANSION JOINT DETAIL WHERE SIMILAR WALLS ABUTT
Scale 1/2"=1'0"



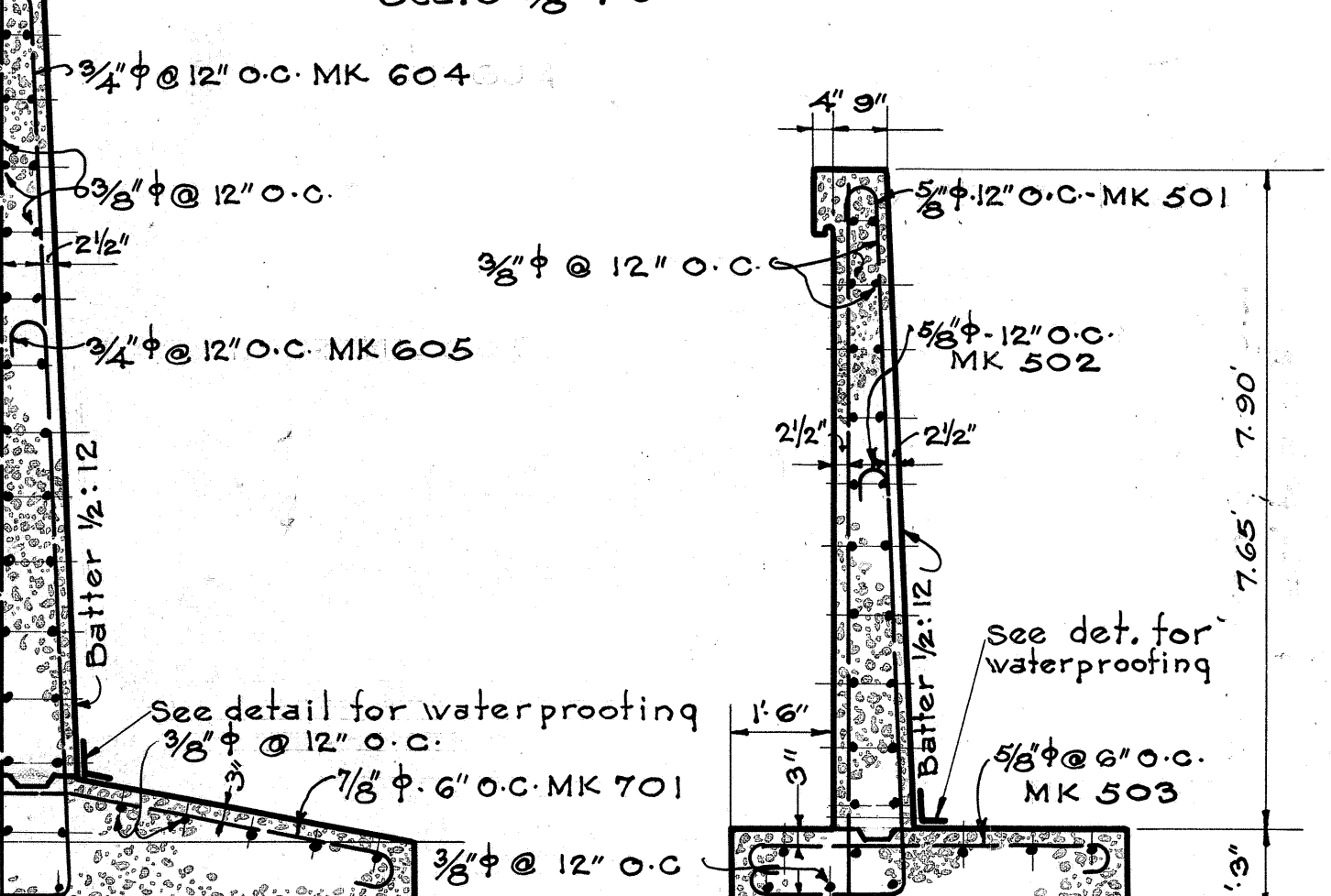
EXPANSION JOINT DETAIL WHERE WALLS OF DIFFERENT FACES ABUTT
Scale 1/2"=1'0"



EXPANSION JOINT DETAIL WHERE WALLS OF DIFFERENT FACES ABUTT
Scale 1/2"=1'0"



TYPE "A"
Scale 3/8"=1'0"



TYPE "C"
Scale 3/8"=1'0"

QUANTITY TABLE

AT STATION	210+50-214+75	220+00-223+25	218+50-219+10
Total concrete	677.5 C.Y.	133.4 C.Y.	33.5 C.Y.
" steel	94,700 #	15,600 #	3100 #
Structural Exc.	892 C.Y.	201 C.Y.	76 C.Y.

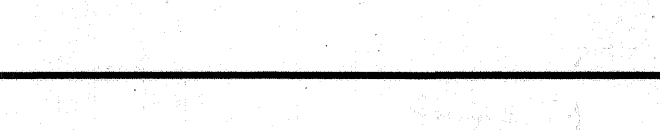
Sheet 1 of 2 sheets
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
REIN. DETAIL KAMEHAMEHA HIGHWAY
RETAINING WALLS
PROJECT NO. NRH-9A

CONSTRUCTION JOINT
3/4" Scale

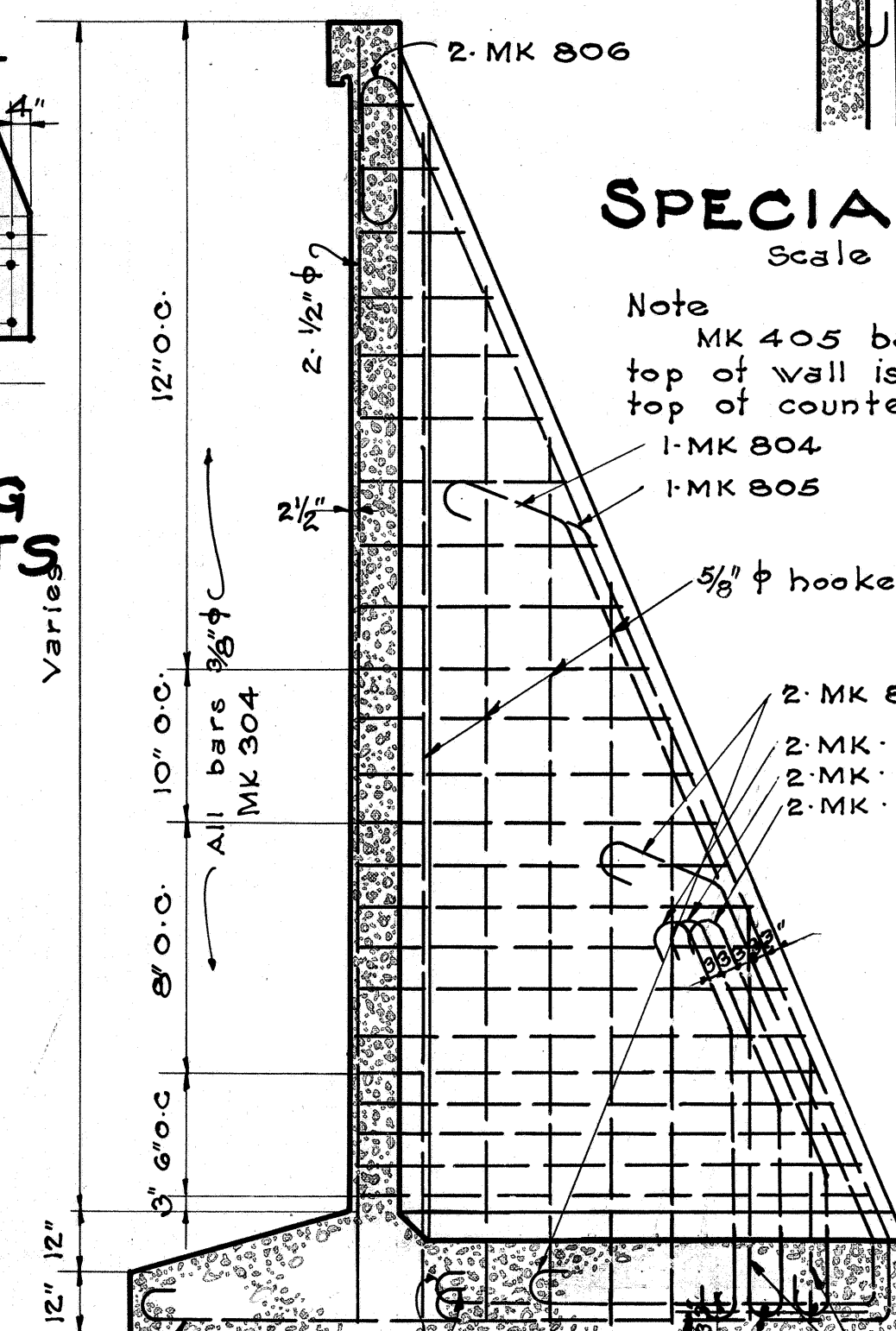
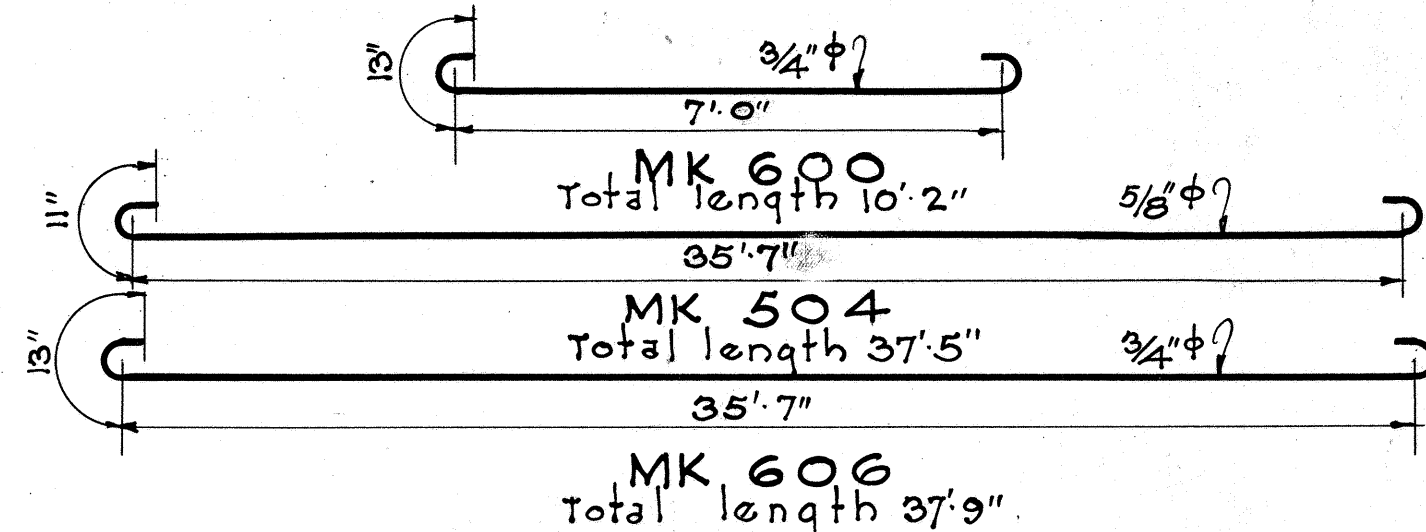
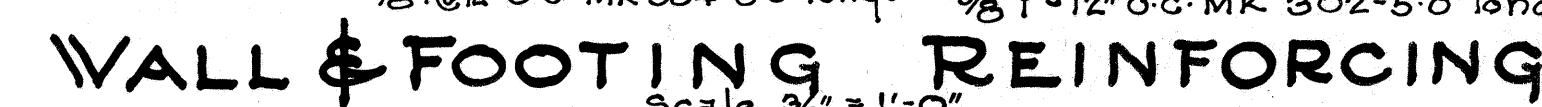
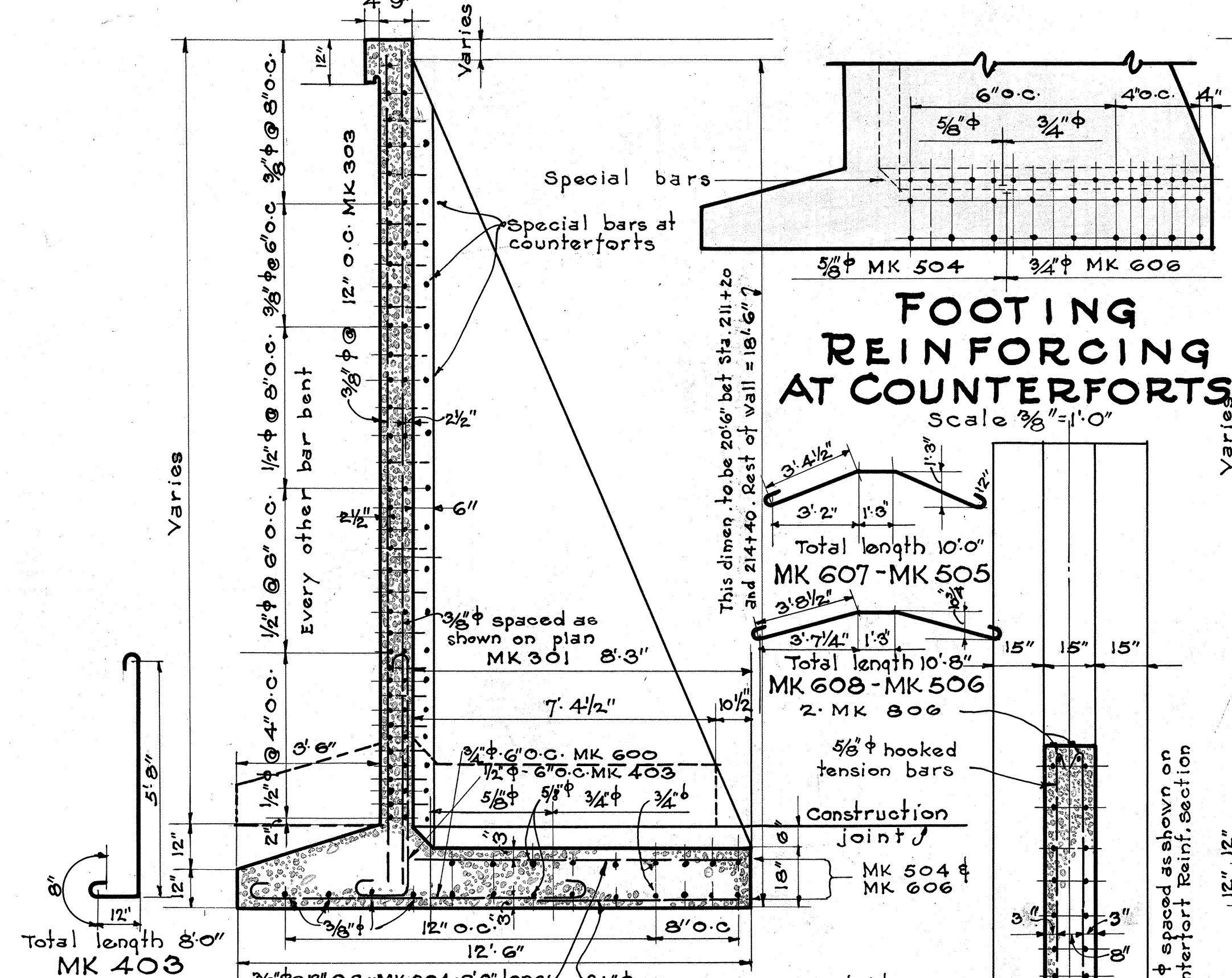
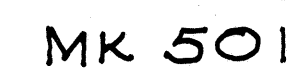
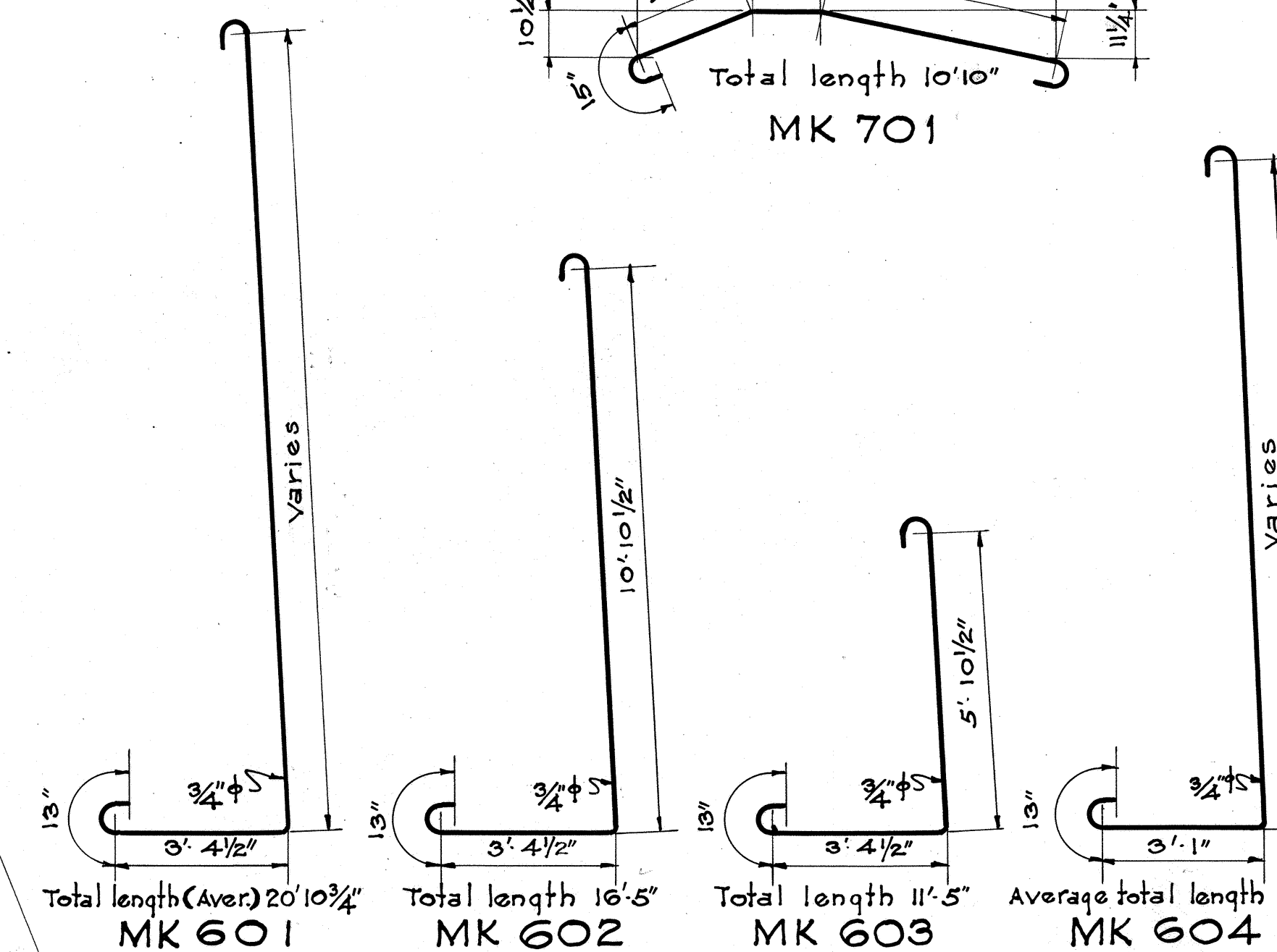
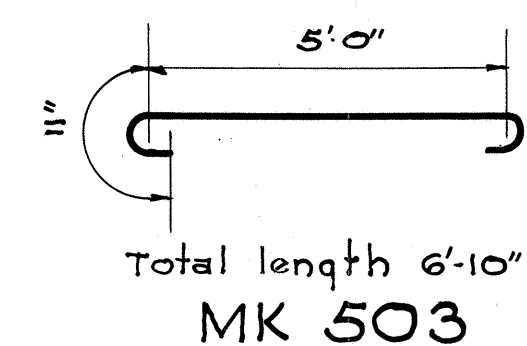
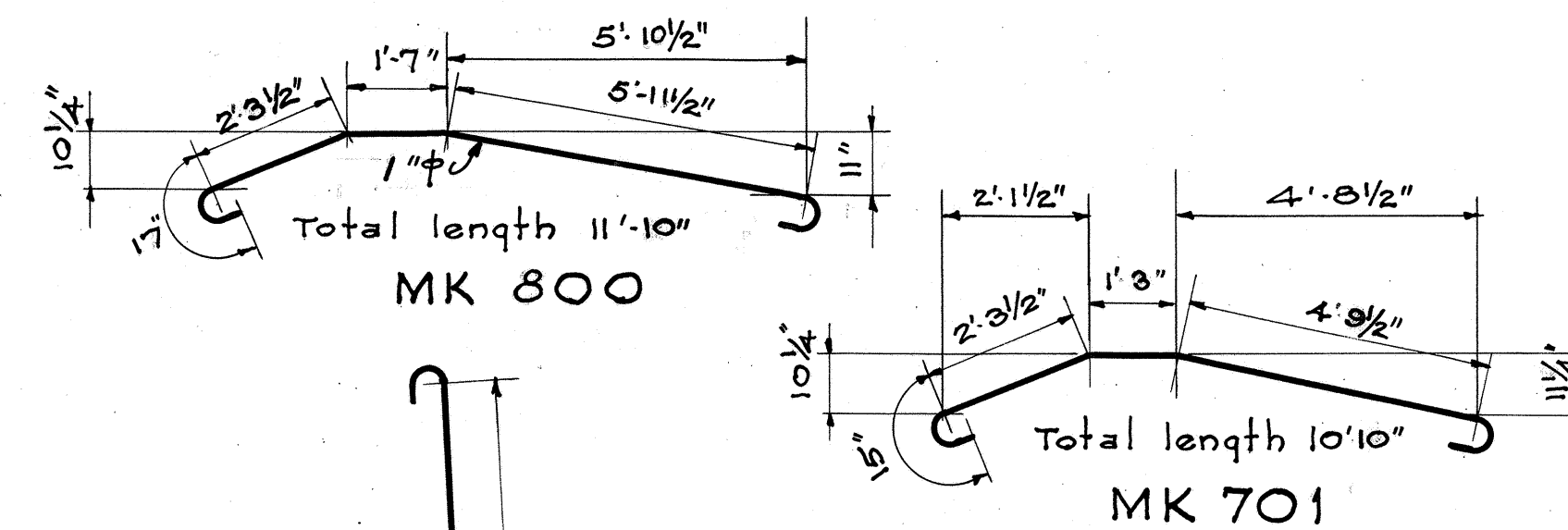
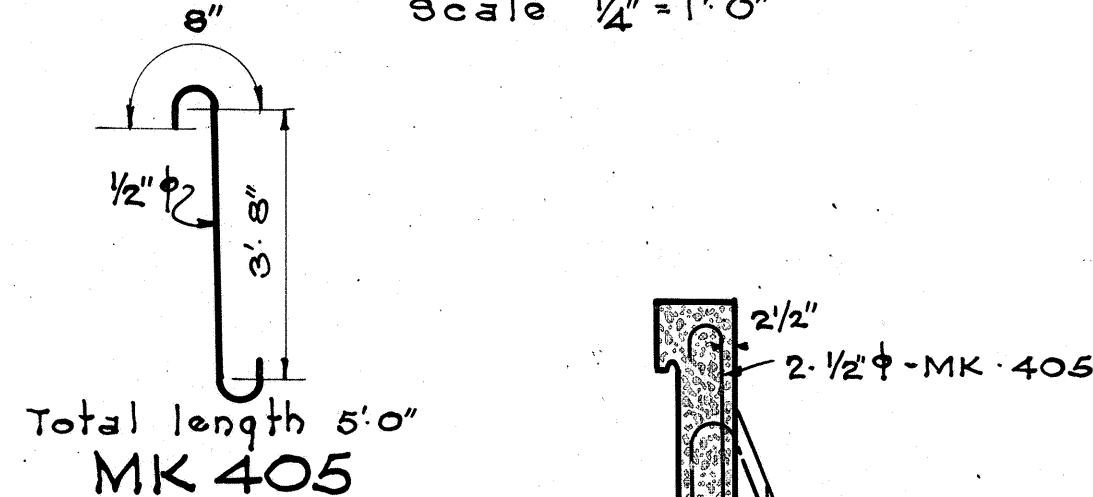
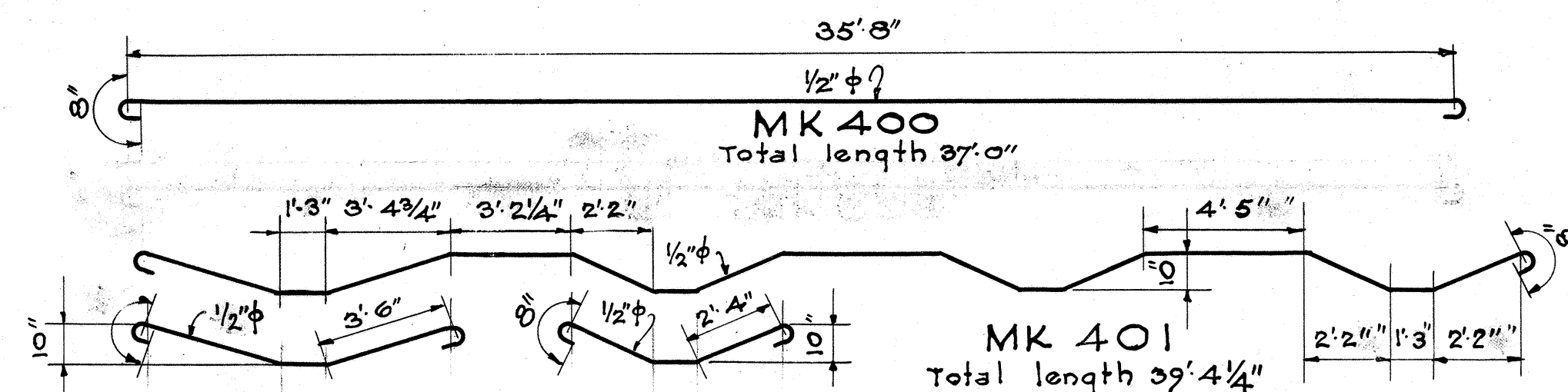
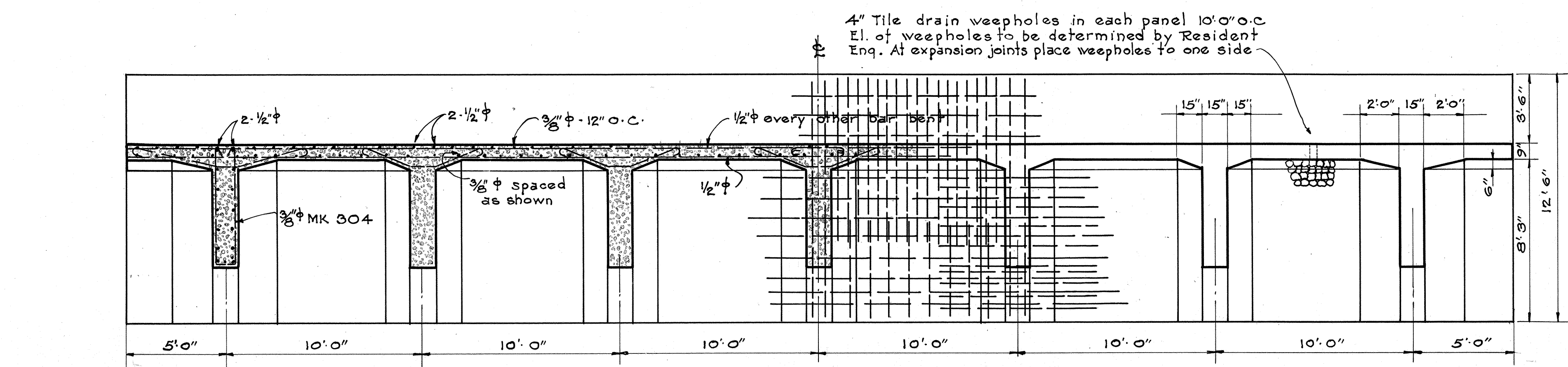


Method of applying waterproofing: First - Mop surface 18" either side of joint with hot asphalt; Second - Apply 1 layer of 2 ply roofing paper 12" either side of joint to hot asphalt, then mop entire surface with a thick coat of hot asphalt.

ELEVATION
Scale 1/4"=1'0"

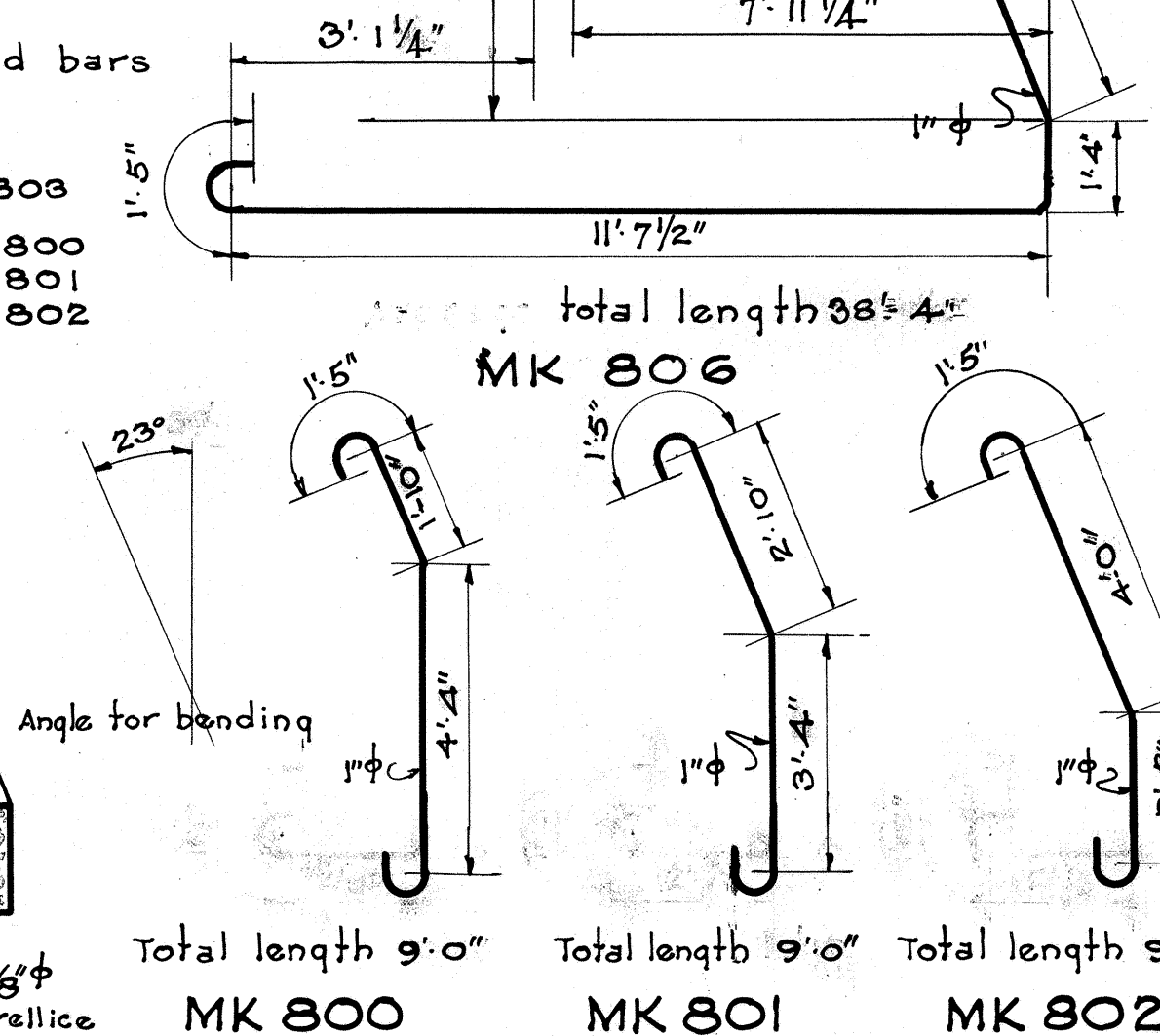


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	NRH 9A	1933	24	99

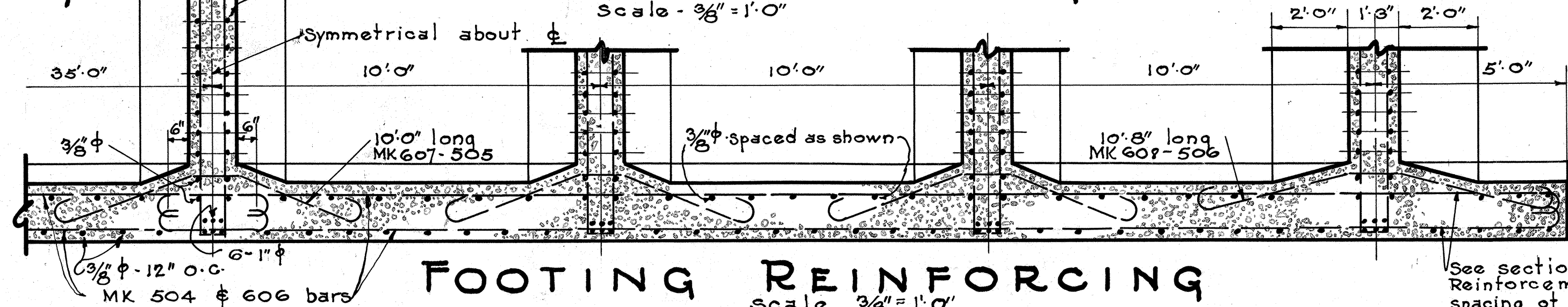


SPECIAL SECTION

Note
MK 405 bars to be used where
top of wall is more than 12" above
top of counterfort.



COUNTERFORT REINFORCING



FOOTING REINFORCING

See section of "Wall & Footing Reinforcement" for size & spacing of these bars. MK 504 & 606

Sheet 2 of 2 sheets

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KAMEHAMEHA HIGHWAY
RETAINING WALLS
PROJECT NO. NRH-9A

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