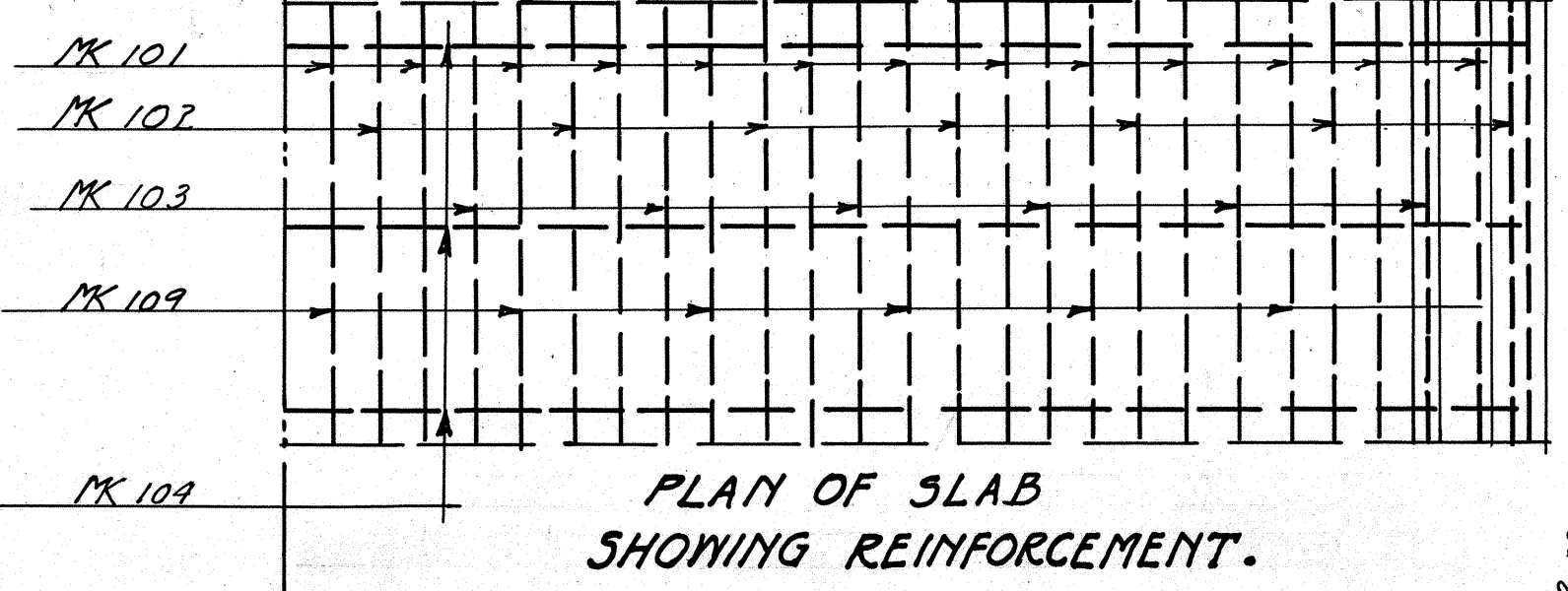
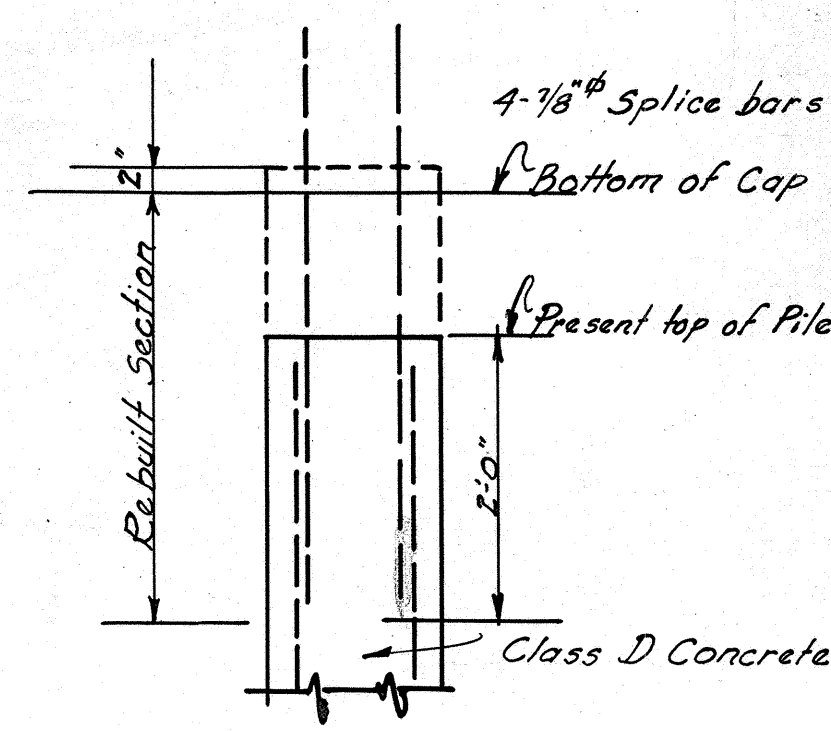
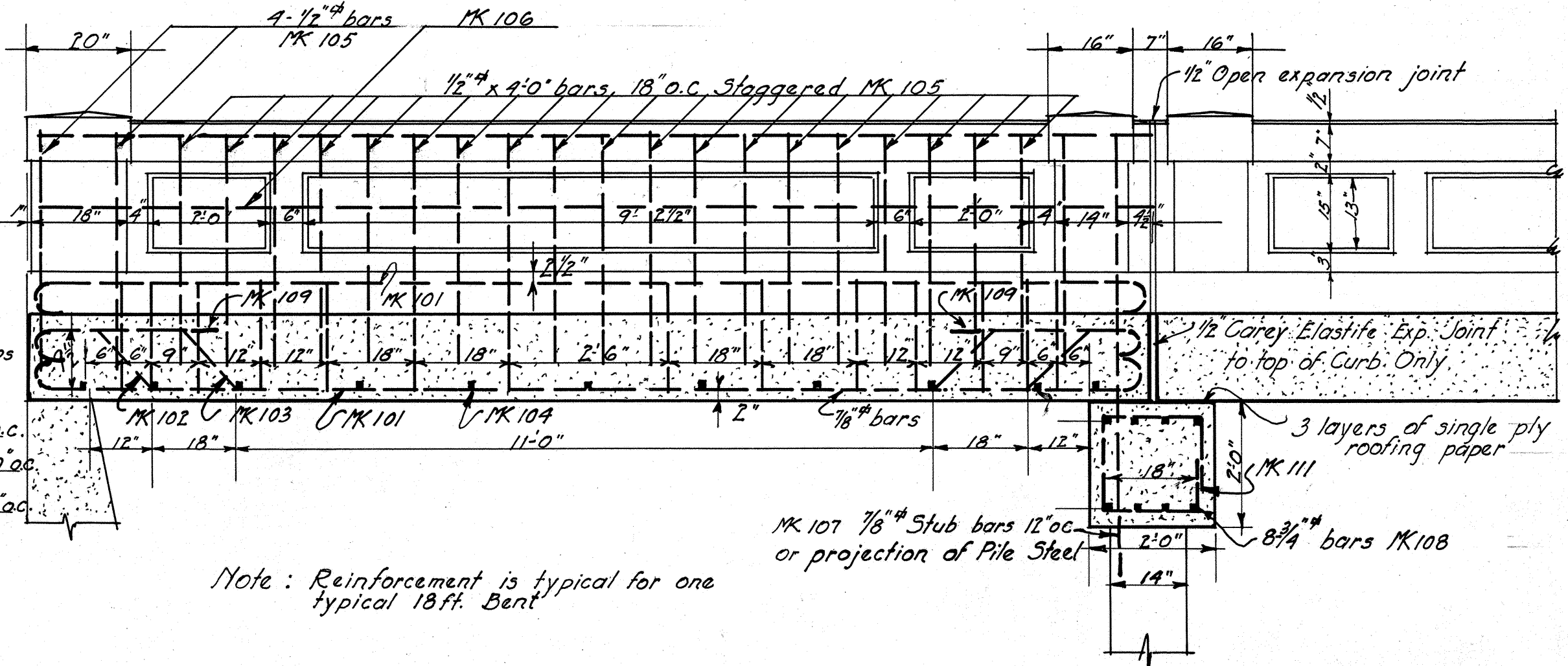
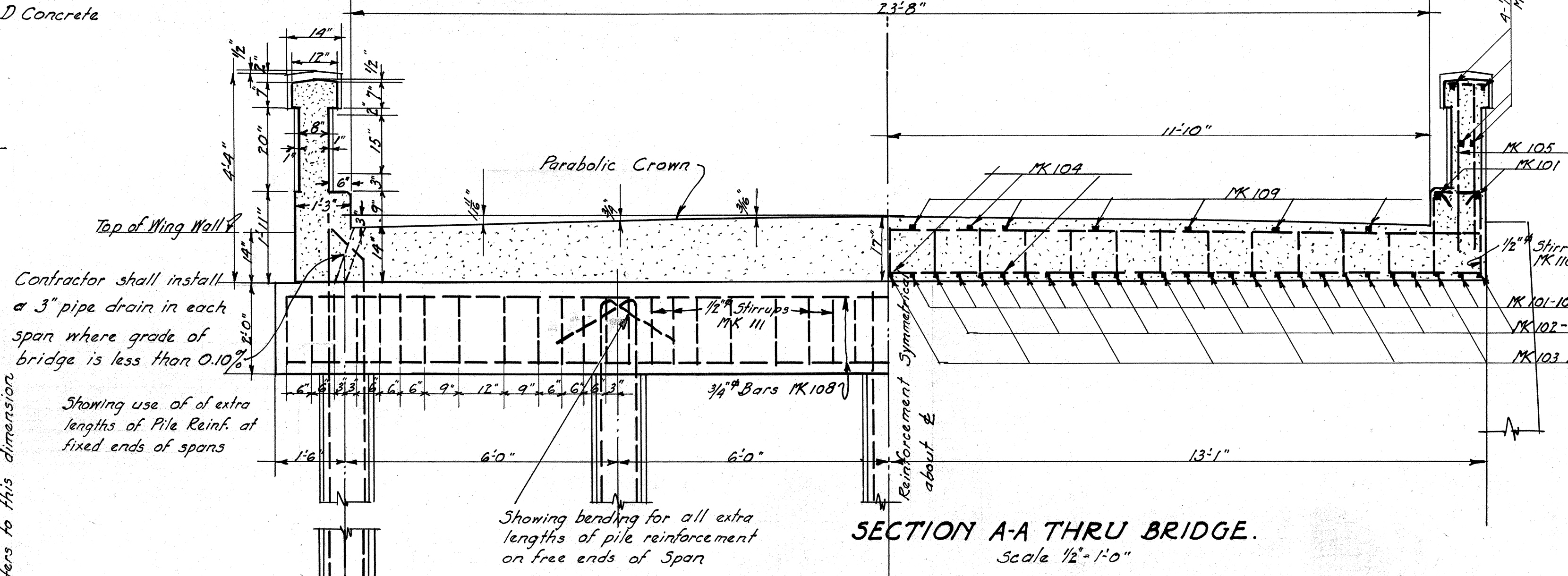


Note: Where piles are driven below grade or to such an elevation that when broken off to grade they will have less than 18" of the pile reinforcement projecting into the cap, the concrete must be removed for a distance of two feet and $\frac{7}{8}$ " splice bars must be wired to their reinforcement of sufficient length to project 18" in the cap. New spiral hooping of #0 wire on 4" centers shall be added and the pile rebuilt to grade. These splices to be at the Contractor's expense. No steel has been included in the bending schedule for this purpose.

CONCRETE SOCKET PILE SPLICES.

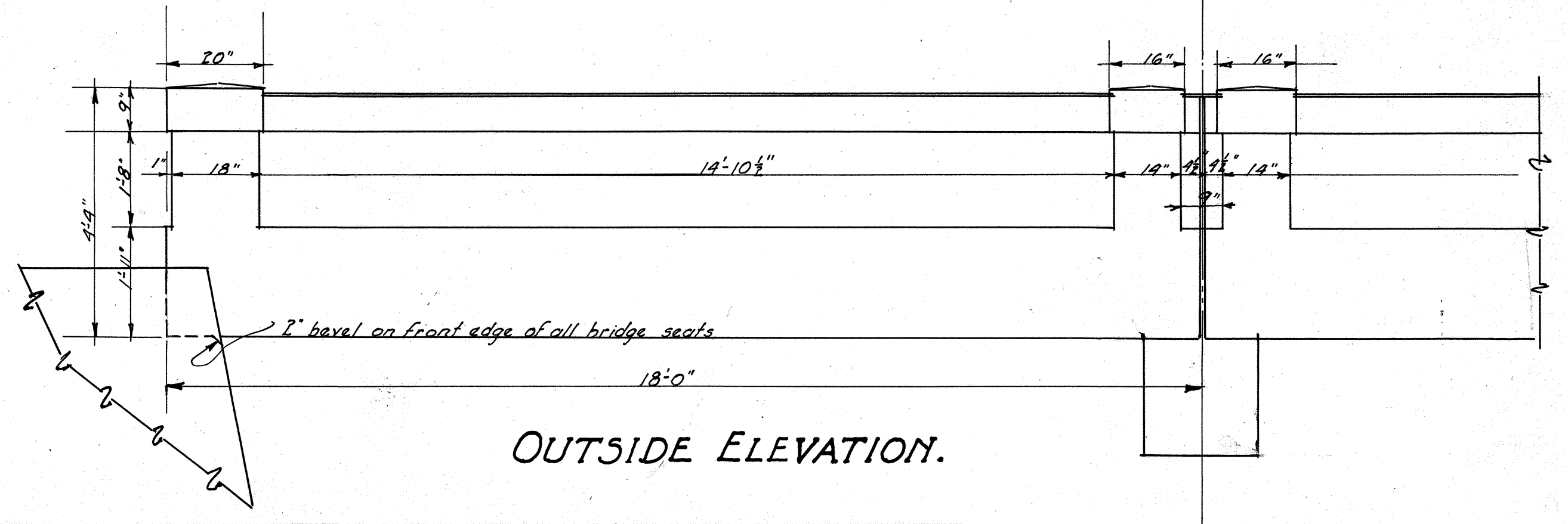


SCHEDULE OF REINFORCEMENT FOR PILE CAP.							
MK	Location	Res.	Size	Length	Total Length	Bending	
108	Cap	8	$\frac{3}{4}$ "	26'-10"	214'-8"		1.913 410.70
107	"	26	$\frac{7}{8}$ "	3'-0"	78'-0"	— Omit when pile steel is used.	2.603 203.00
111	"	46	$\frac{1}{2}$ "	7'-6"	345'-0"		0.85 293.30
Total Weight							907.00

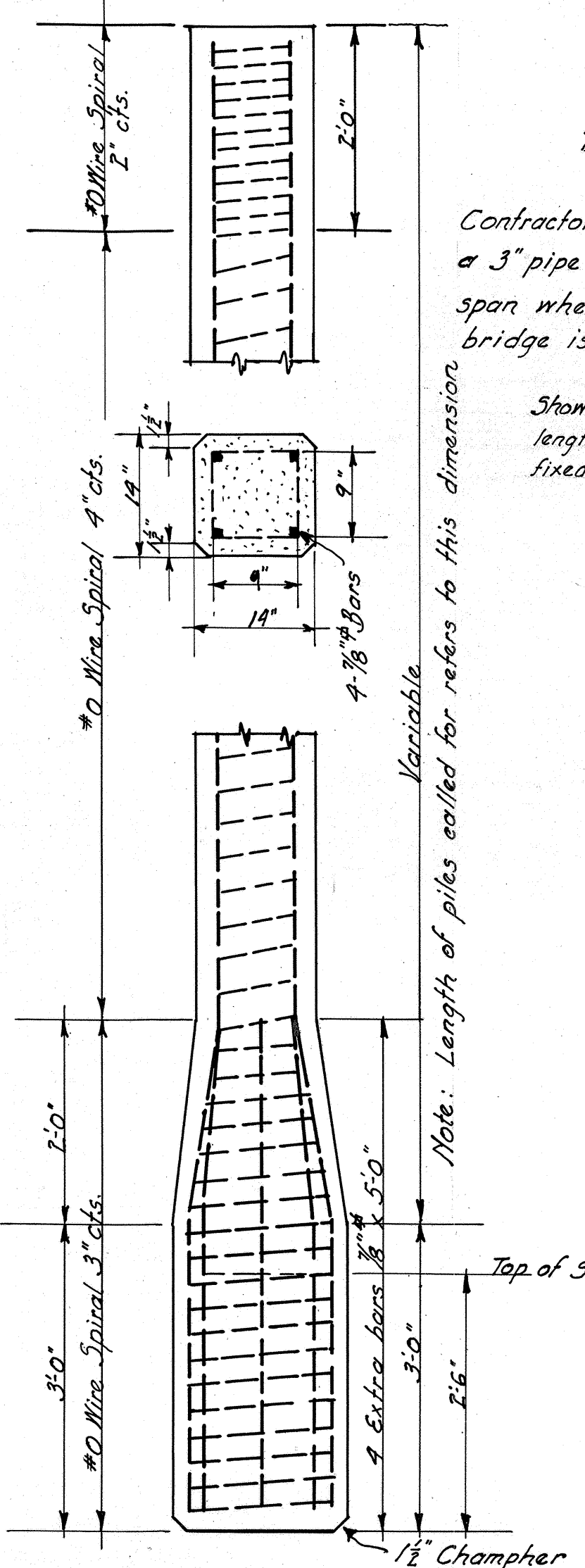


LONGITUDINAL SECTION THRU $\frac{1}{2}$ OF ROAD.

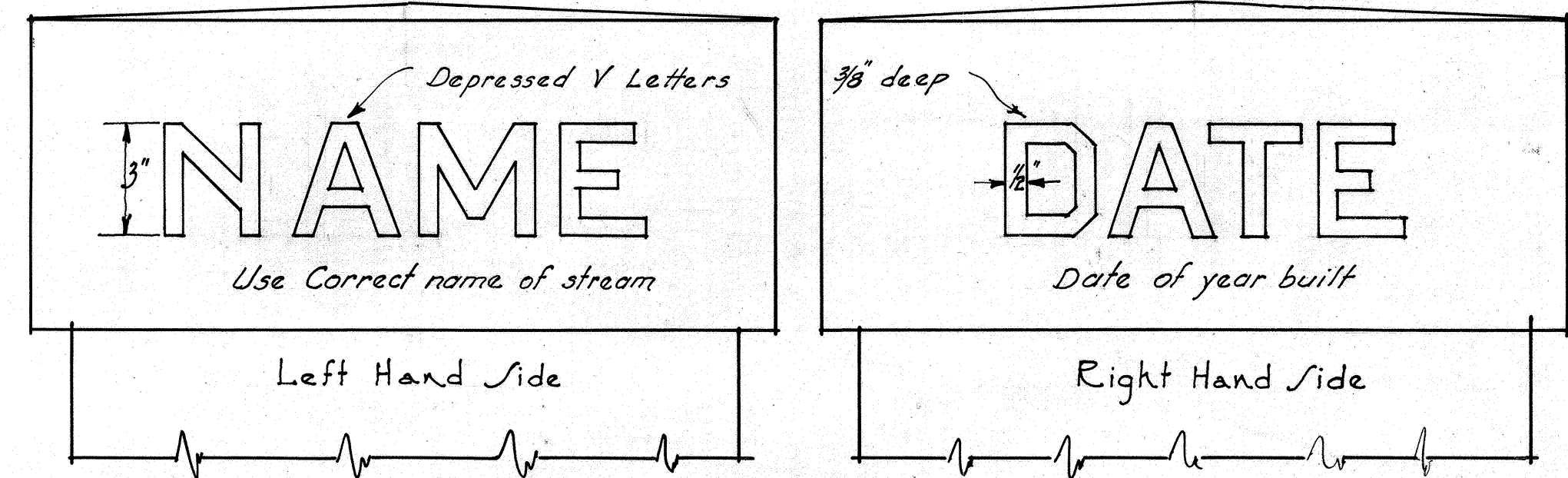
Scale $\frac{1}{2}$ " = 1'-0"



OUTSIDE ELEVATION.



DETAIL OF SOCKET PILE



DETAIL LETTERS & FIGURES.

Scale 3" = 1'

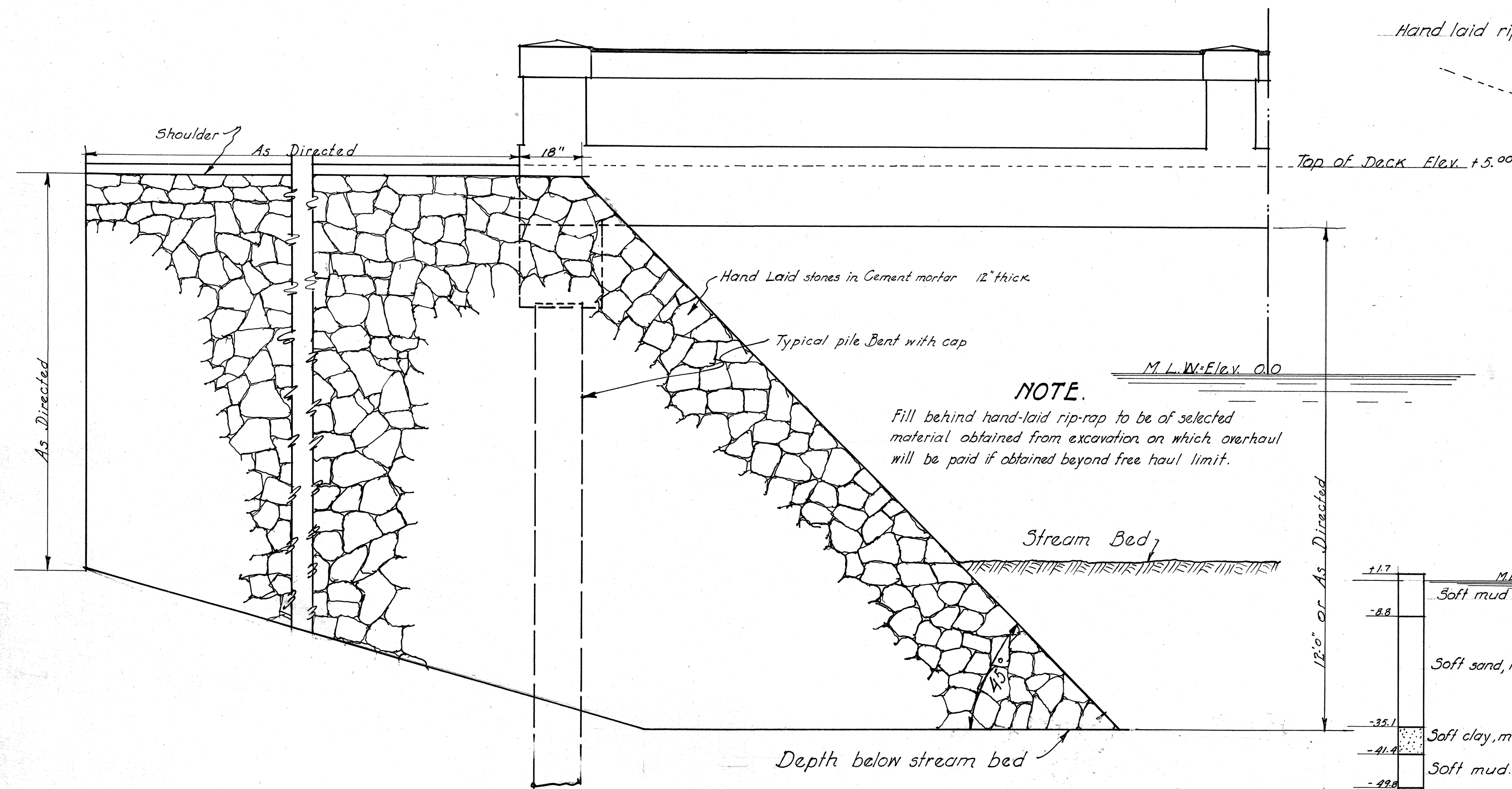
SCHEDULE OF REINFORCEMENT FOR ONE TYPICAL 18 FT. SPAN.							
MK	Location	Res.	Size	Length	Total Length	Bending	
101	3/4 b	30	$\frac{7}{8}$ "	19'-6"	585'-0"		2.603 1522.80
102	"	14	$\frac{7}{8}$ "	20'-2"	282'-4"		2.603 735.10
103	"	13	$\frac{7}{8}$ "	20'-2"	262'-2"		2.603 682.50
104	"	15	$\frac{1}{2}$ "	26'-0"	390'-0"		0.85 331.50
109	"	12	$\frac{7}{8}$ "	4'-6"	54'-0"		2.603 140.56
105	Rail	54	$\frac{1}{2}$ "	4'-0"	216'-0"		0.85 183.60
106	"	8	$\frac{1}{2}$ "	17'-6"	140'-0"		0.85 119.00
110	"	28	$\frac{1}{2}$ "	5'-0"	140'-0"		0.85 119.00
TOTAL WEIGHT							3834.06

QUANTITIES.

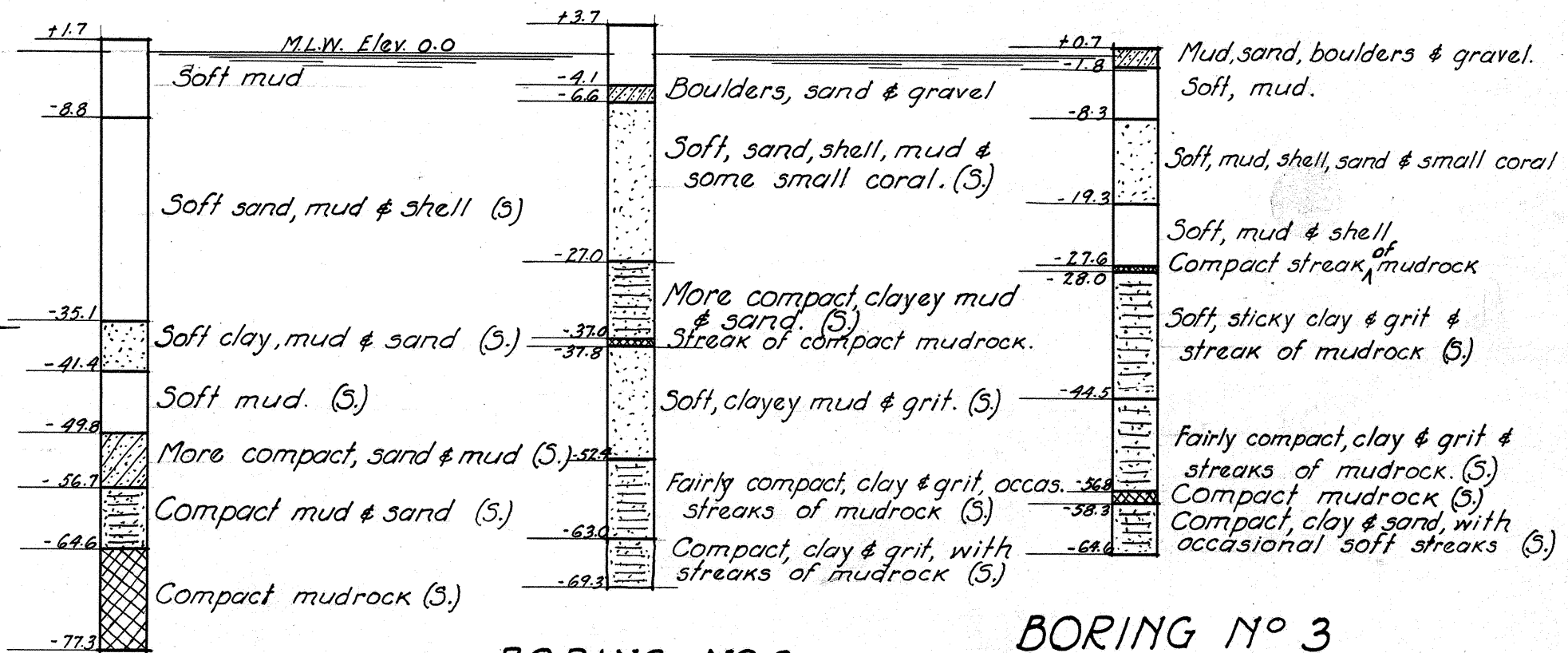
Class A Conc. - One 18' span = 26.5 cu. yds.
Class A Conc. - One Pile Cap = 4.0 cu. yds.
20 - 40 ft. wooden piles
20 - 12 ft. concrete socket piles.

DETAILS
BRIDGE NO 1.

4011.20.



SIDE ELEVATION
Scale 1/8"=1'-0"

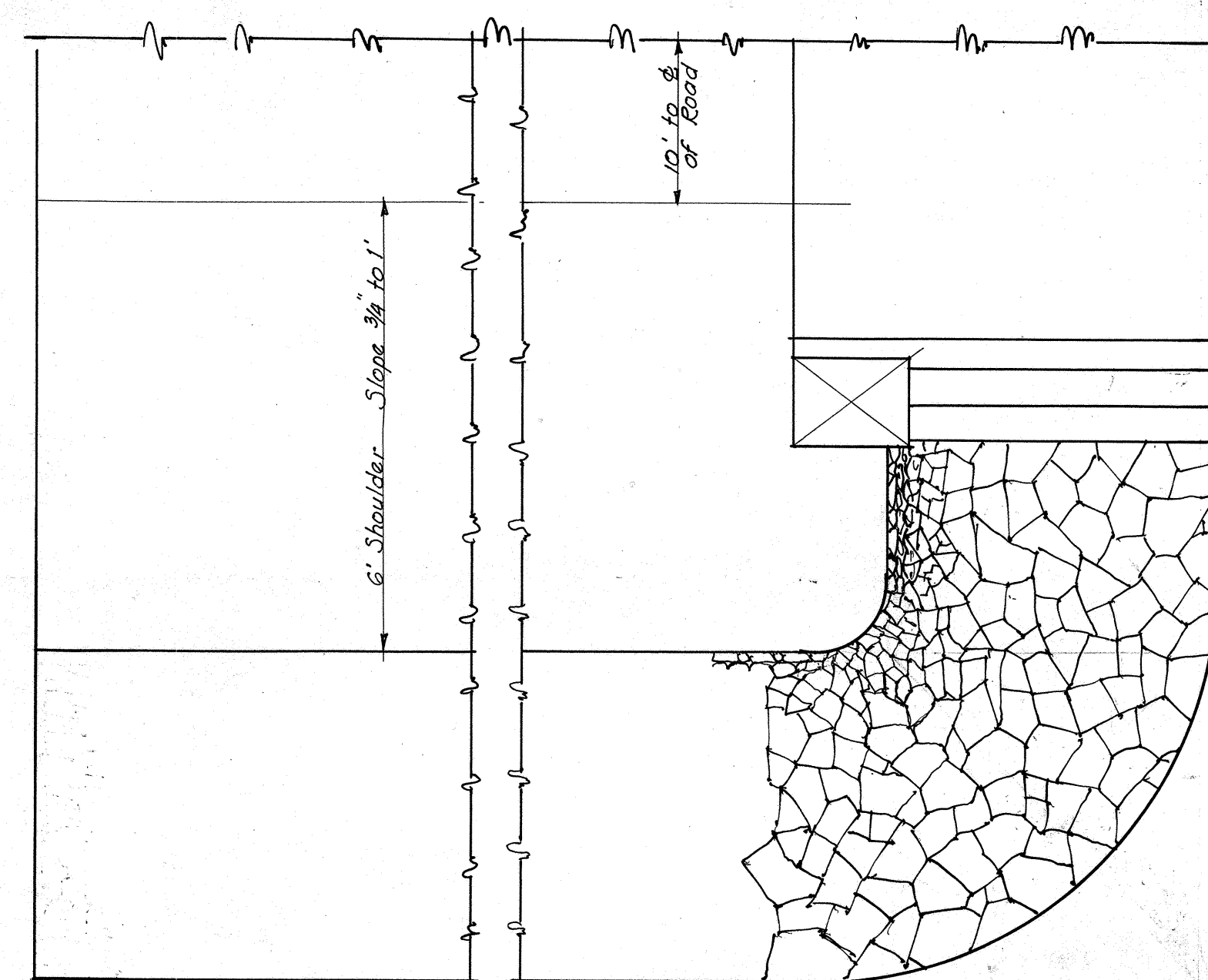


BORING NO 1

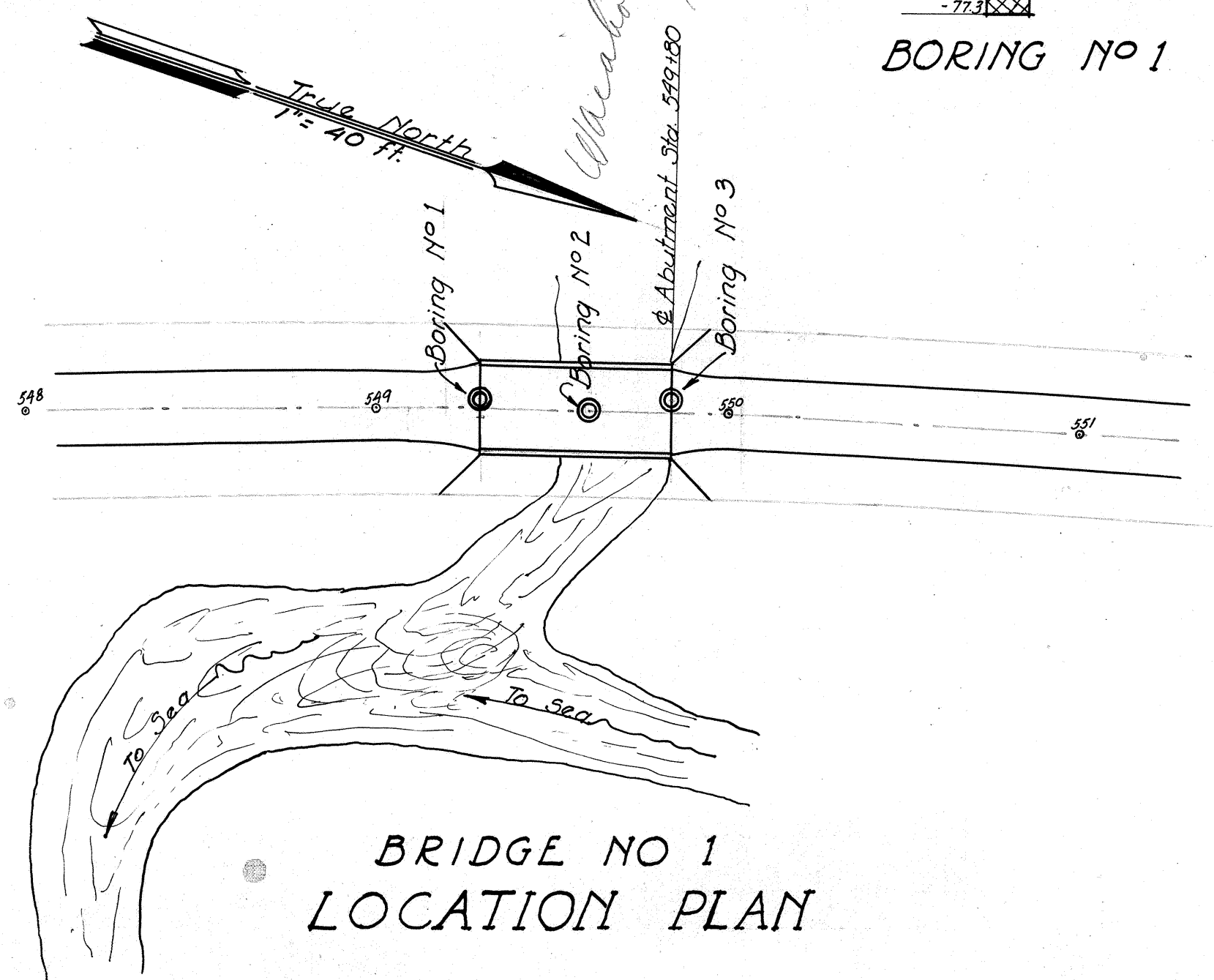
BORING NO 2
Scale 1"=20'-0"

BORING NO 3

DETAIL OF PROTECTED APPROACH TO BRIDGE
Scale 1/2"=1'



PLAN OF PROTECTED APPROACH.
Scale 1/2"=1'



BRIDGE NO 1
LOCATION PLAN

NOTICE

The Engineer reserves the right to require the substitution of this type of protected approach on one or more of the other bridges if conditions and prices bid warrant same.