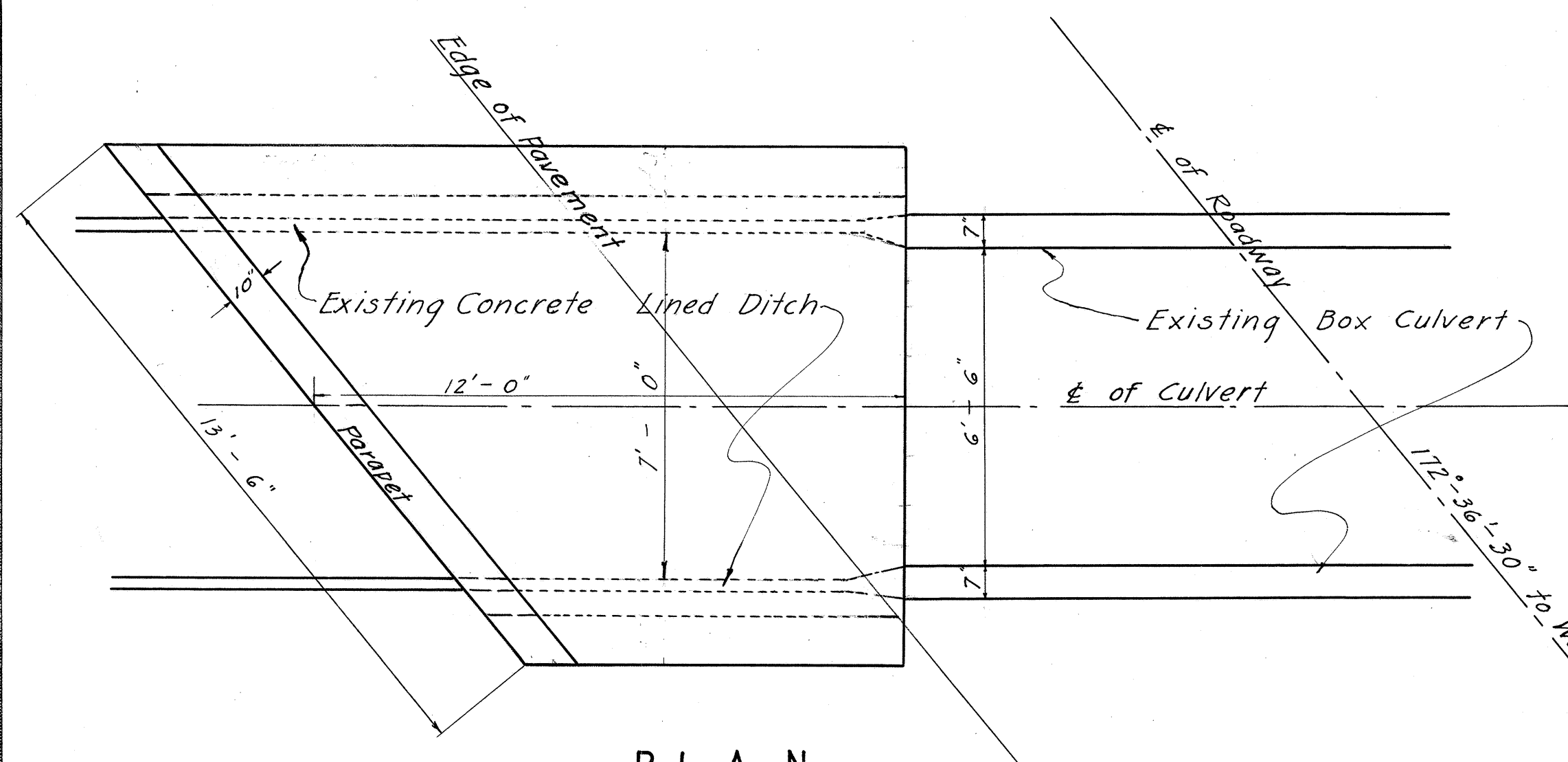
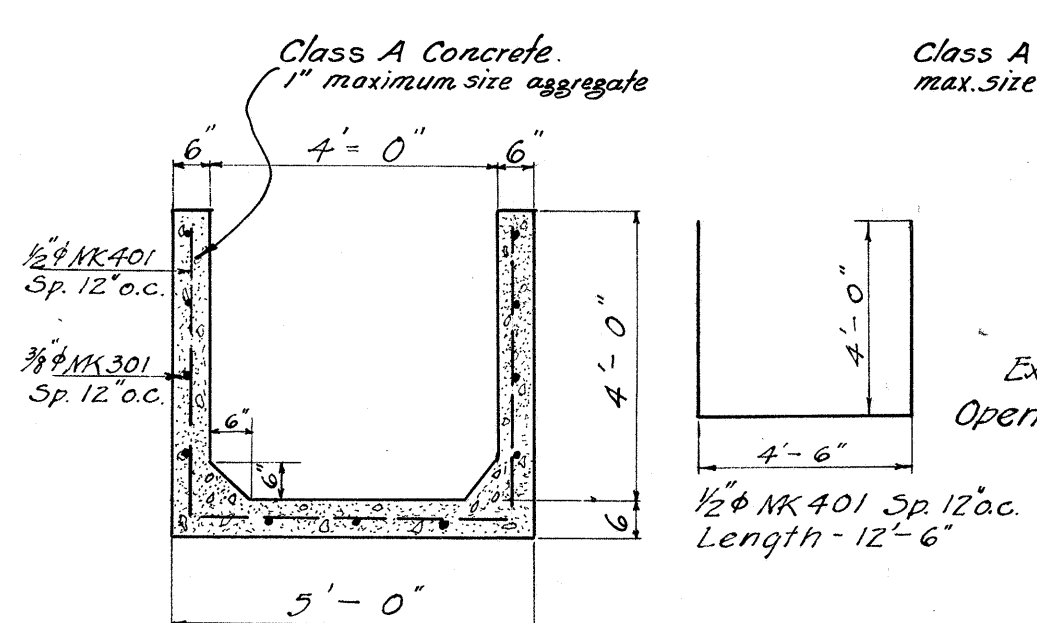


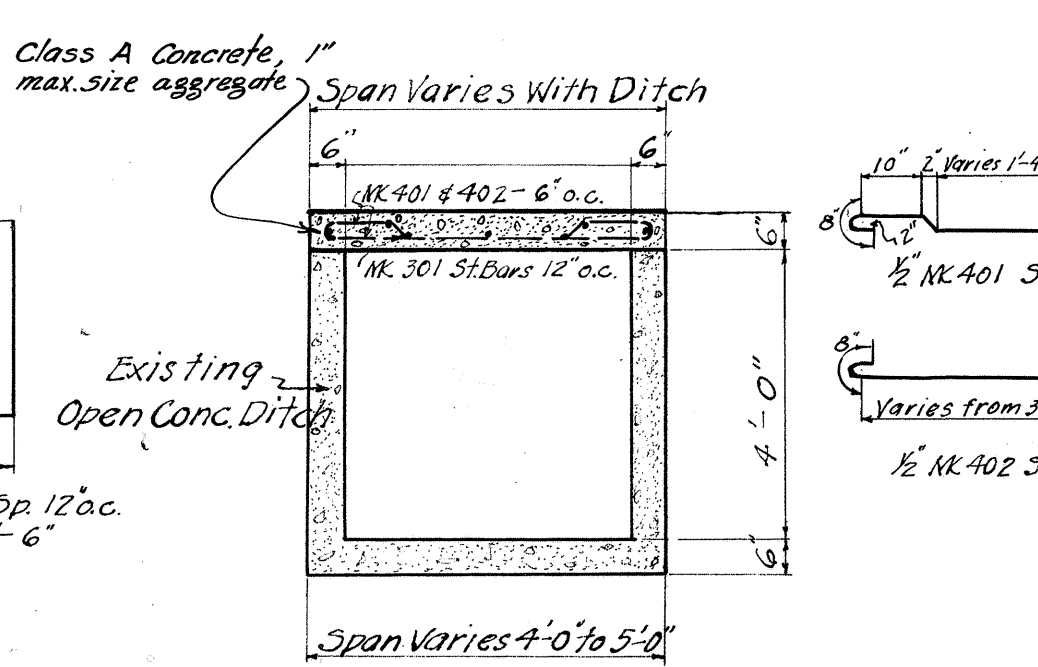


PLAN



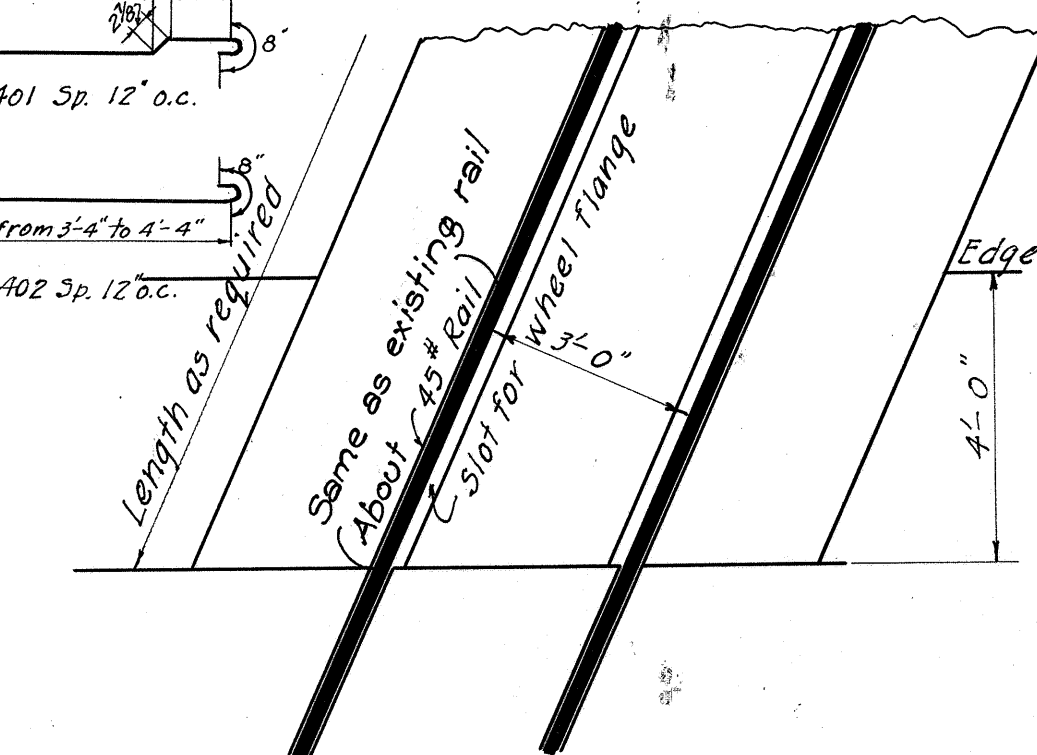
CROSS-SECTION FOR OPEN CONCRETE DITCH AT STATIONS 102+80 TO 104+20
SCALE: 3/8" = 1'-0"

TABLE OF EST. QUANTITIES	
Steel	Class A Concrete
1748 #	33.7 c.y.

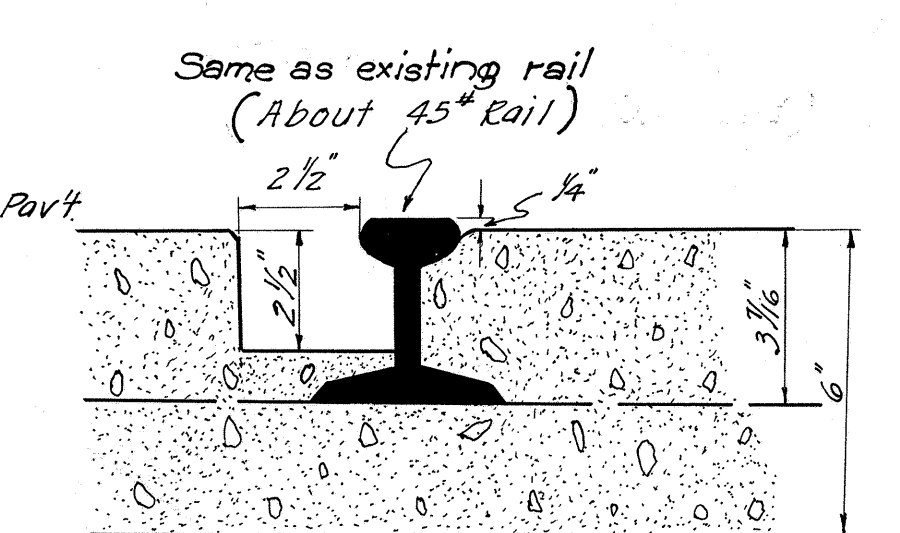


DETAIL OF CONCRETE COVER FOR OPEN CONCRETE DITCH AT STAS. 103+80 AND 170+00 TO 172+00
SCALE: 3/8" = 1'-0"

ESTIMATED QUANTITIES		
Stas.	Class A Con.	Steel
103+80 to 104+20	6 c.y.	340 lbs.
170+00 to 172+00	18.5 c.y.	2087 lbs.

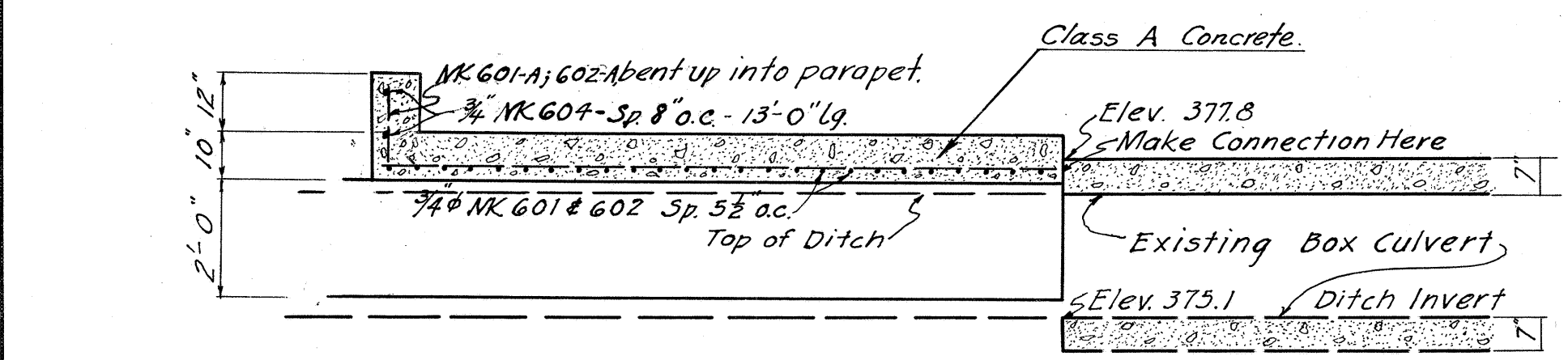


PLAN
SCALE: 3/8" = 1'-0"

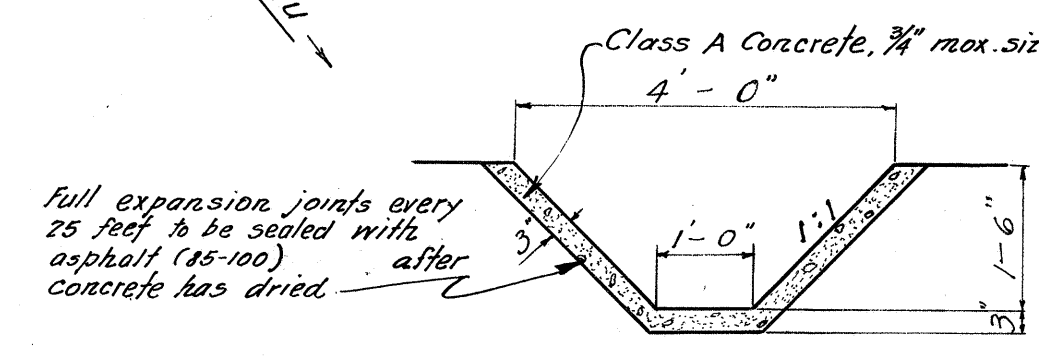


DETAIL OF RAIL SLOT
SCALE: 3" = 1'-0"

Note: All work on R.R. Crossings, including preparation of subgrade, is included under item of Class A Concrete.

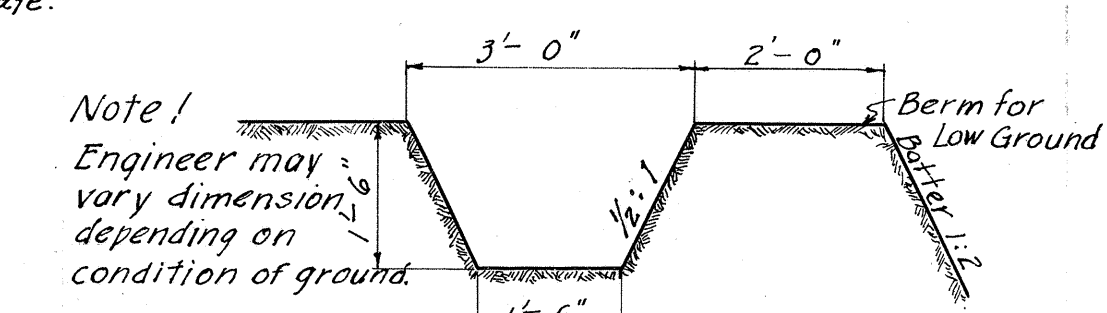


LONGITUDINAL SECTION

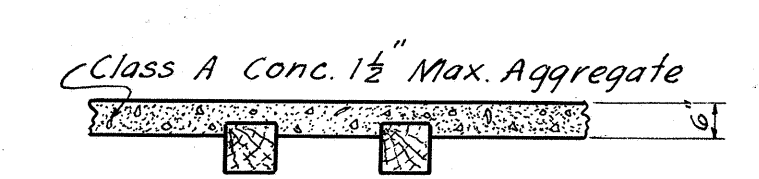


DETAILS FOR CONCRETE LINED DITCH AT STAS. 74+20 TO 83+00 AND 98+50 TO 102+50
SCALE: 1/2" = 1'-0"

ESTIMATED QUANTITIES	
Stas.	Class A Con.
74+20 to 83+00	4.9 c.y.
98+50 to 102+50	22 c.y.



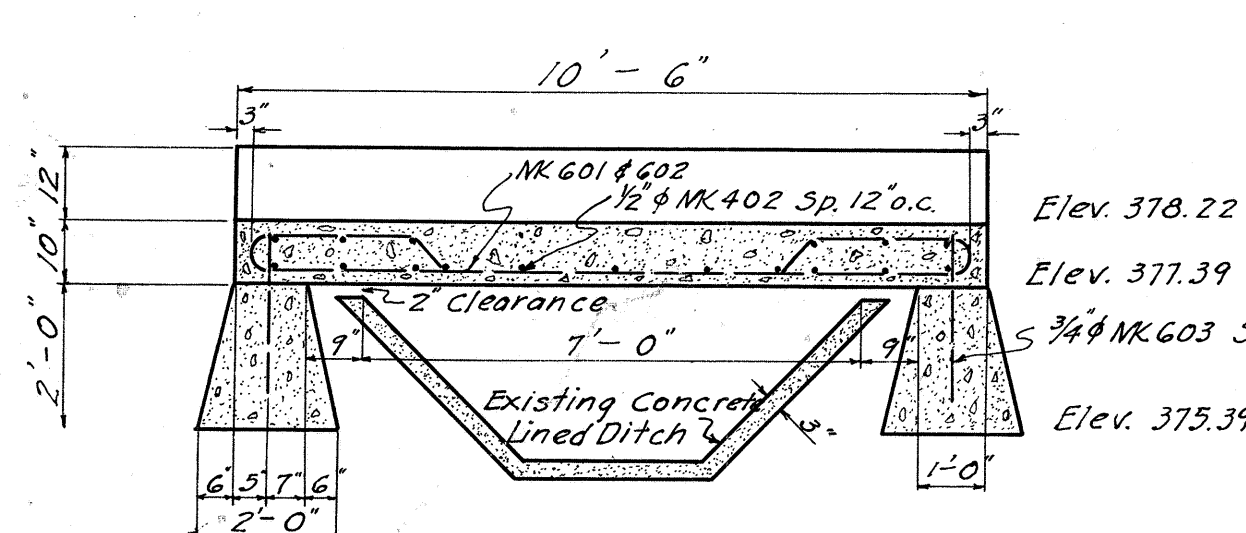
DETAIL OF DIRT DITCH AT STAS. 59+70 TO 74+20, 104+20 TO 116+60, 194+00 TO 199+00, AND 201+60 TO 291+00. 172+25 - 189+00
SCALE: 1/2" = 1'-0"



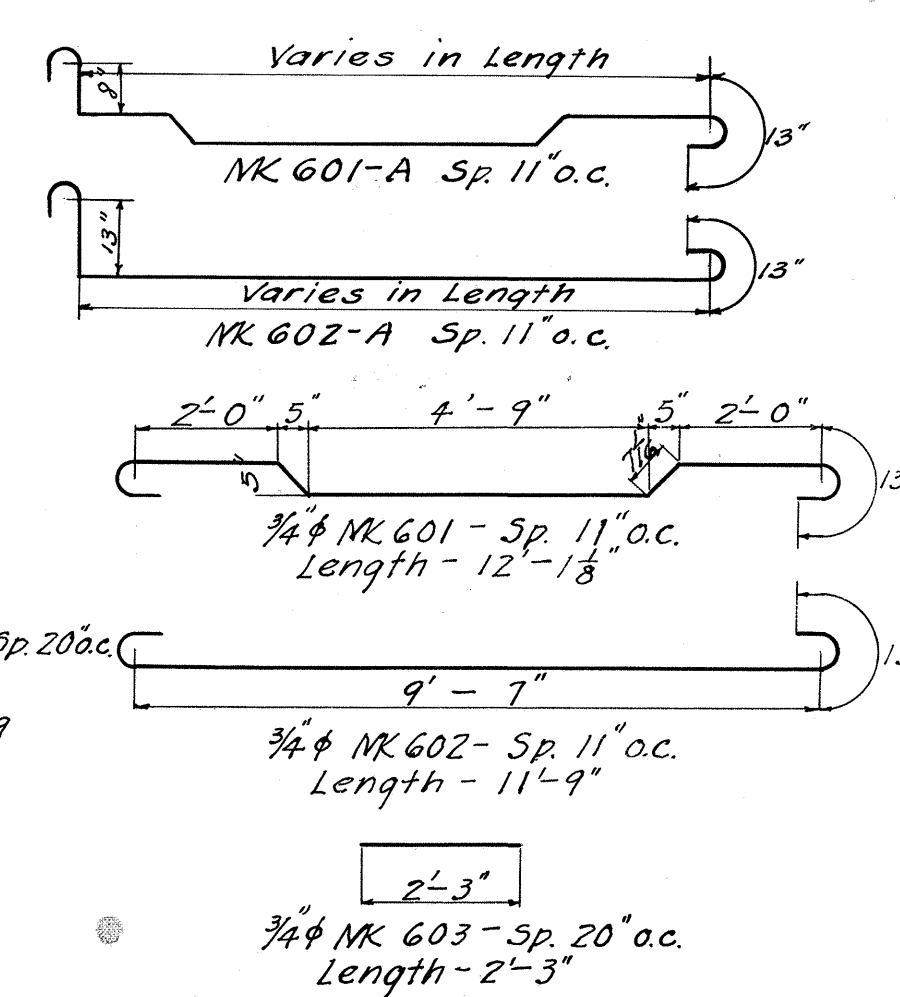
TYPICAL SECTION
SCALE: 3/8" = 1'-0"

DETAILS OF CONCRETE TRACK CROSSING
SCALE AS NOTED

Note: For reinforcing bars MK 601-A & 602-A in angle cut MK 601 & 602 and bend up into parapet and hook on MK 604.



TYPICAL SECTION



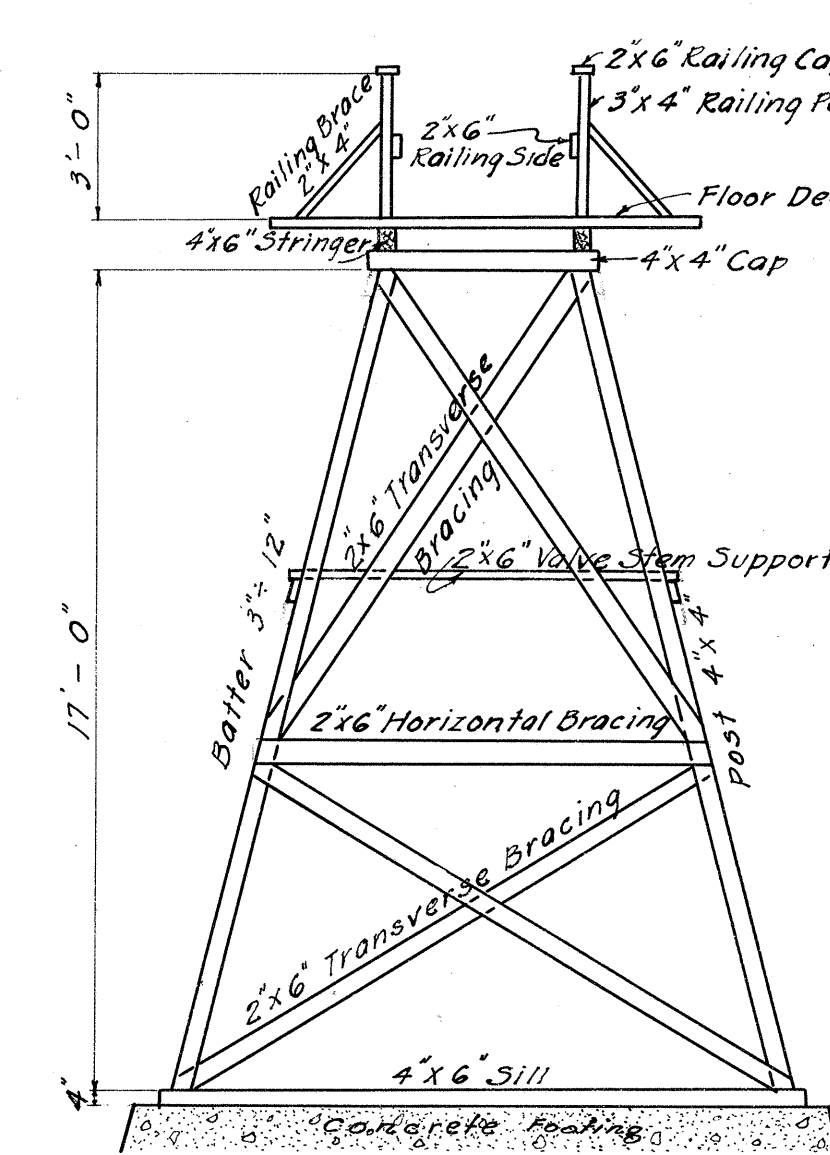
CONCRETE SLAB OVER W.S.CO'S. CONC. LINED DITCH
STATION 241+98
SCALE: 3/8" = 1'-0"

Sta. 241+98

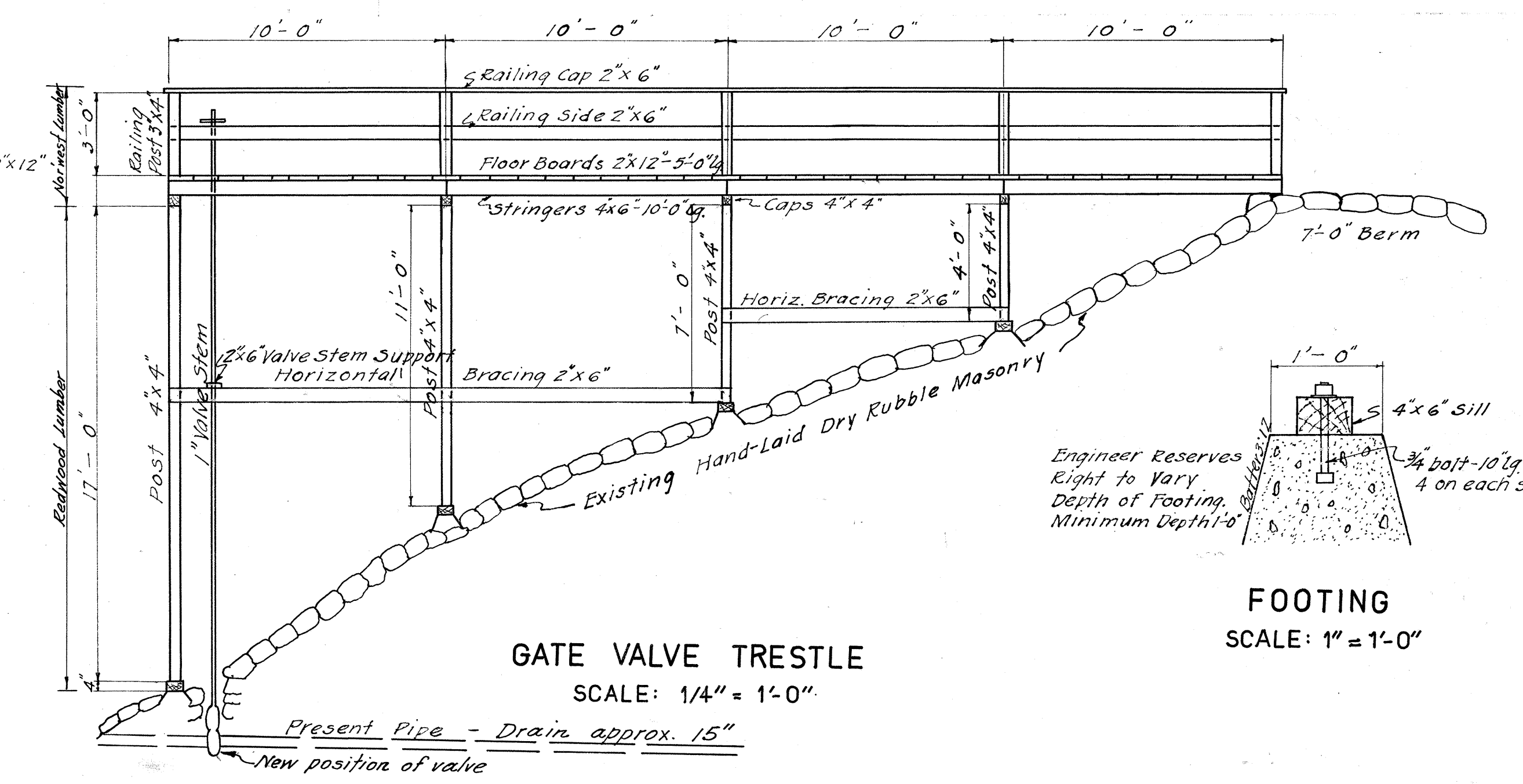
TABLE OF QUANTITIES		
STR. EXC.	% CONC.	STEEL
3 c.y.	7 cu yds. Est. Too #	

Sta. 82+00

TABLE OF QUANTITIES		
STR.	% CONC.	STEEL
7.6 cu yds.		898 lbs.



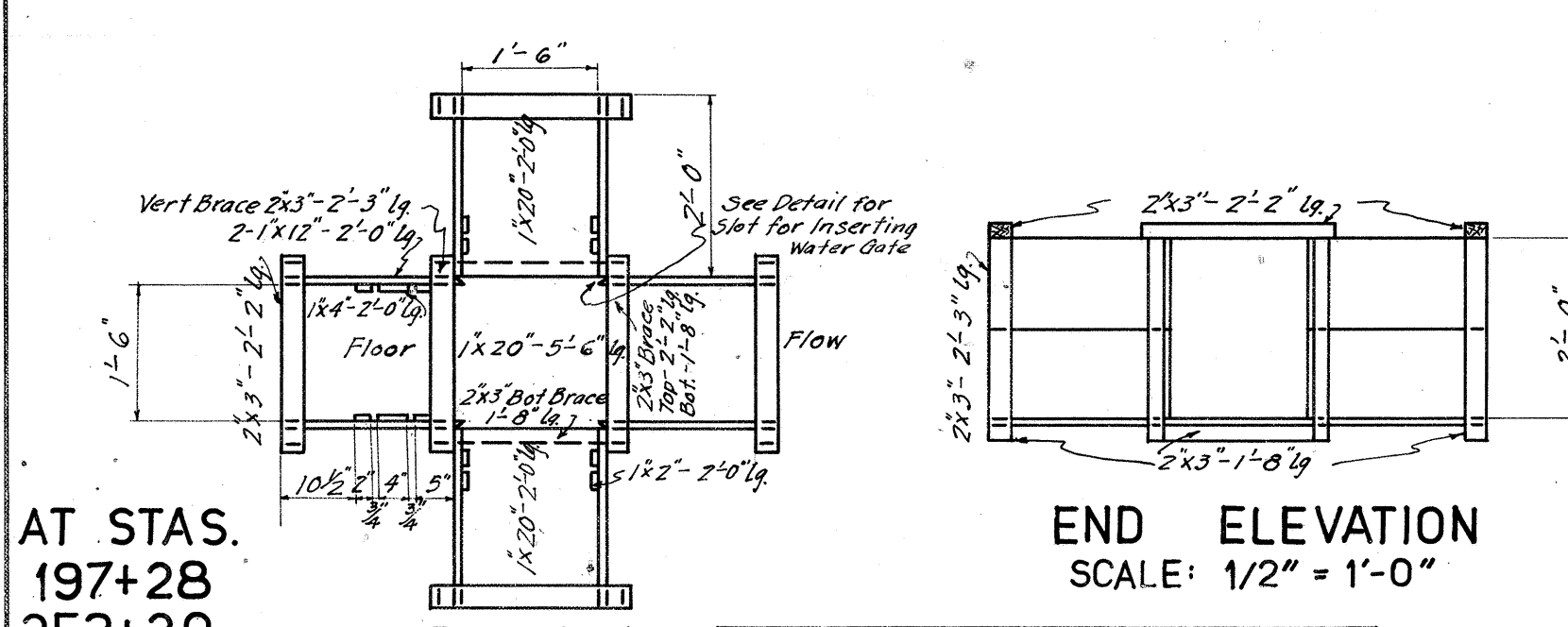
BENT
SCALE: 1/4" = 1'-0"



GATE VALVE TRESTDLE
SCALE: 1/4" = 1'-0"

Engineer Reserves Right to Vary Depth of Footing. Minimum Depth 1'-0"

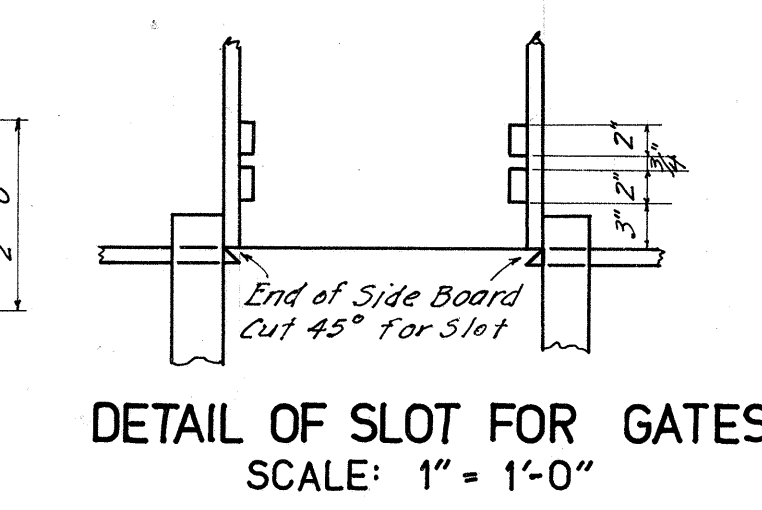
FOOTING
SCALE: 1" = 1'-0"



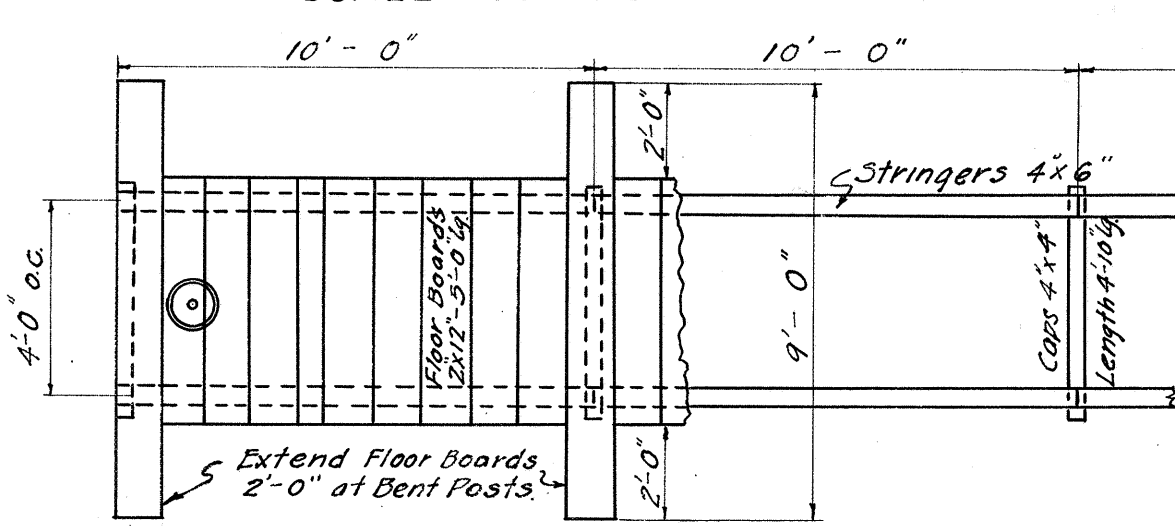
END ELEVATION
SCALE: 1/2" = 1'-0"

PLAN
SCALE: 1/2" = 1'-0"

ESTIMATED QUANTITIES	
83 B.M.	all Redwood



DETAIL OF SLOT FOR GATES
SCALE: 1" = 1'-0"



PLAN
SCALE: 1/4" = 1'-0"

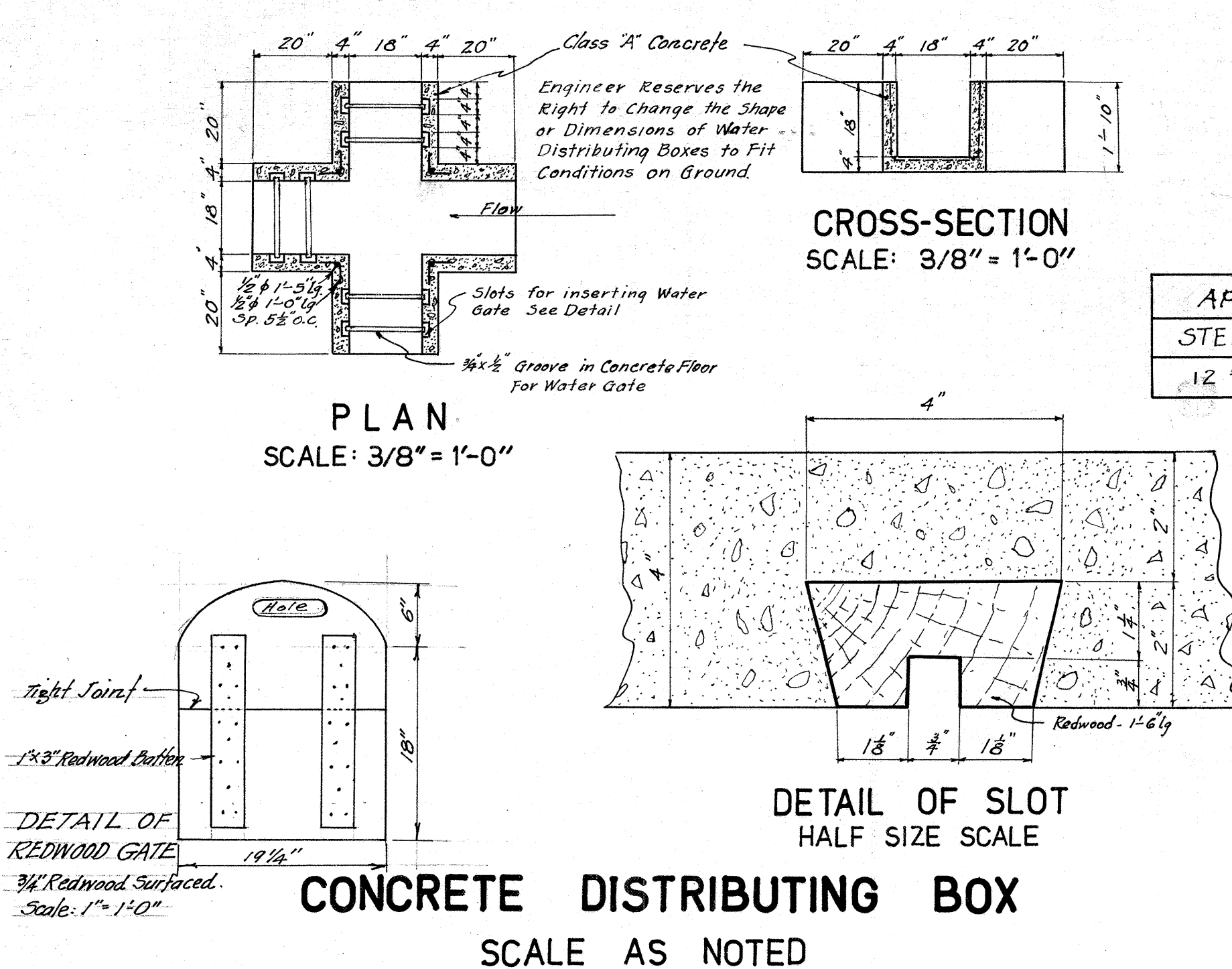
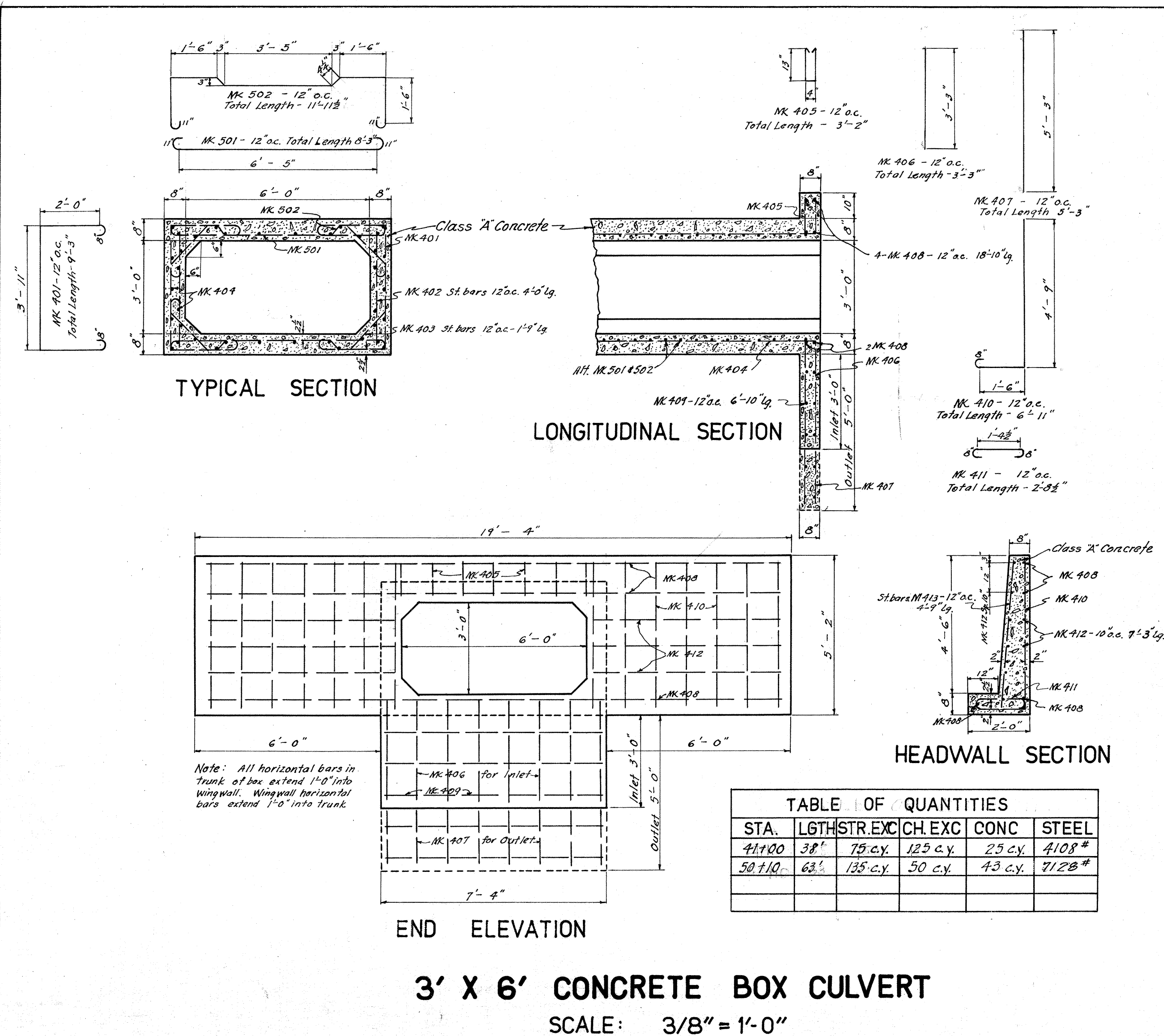
DETAILS OF WOODEN DISTRIBUTING BOX
SCALE AS NOTED

GATE VALVE TRESTDLE NEAR STA. 172+00
SCALE: AS NOTED

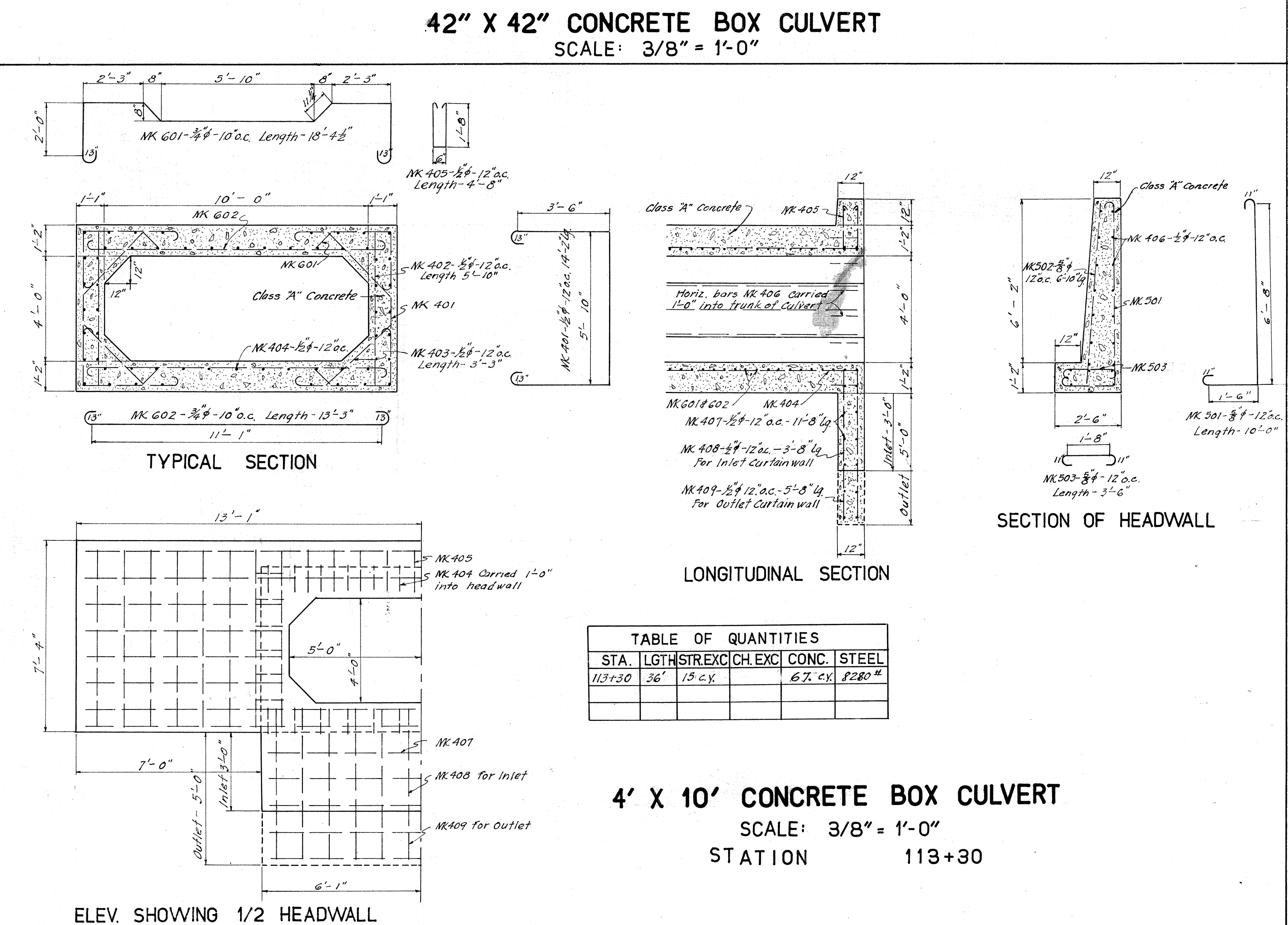
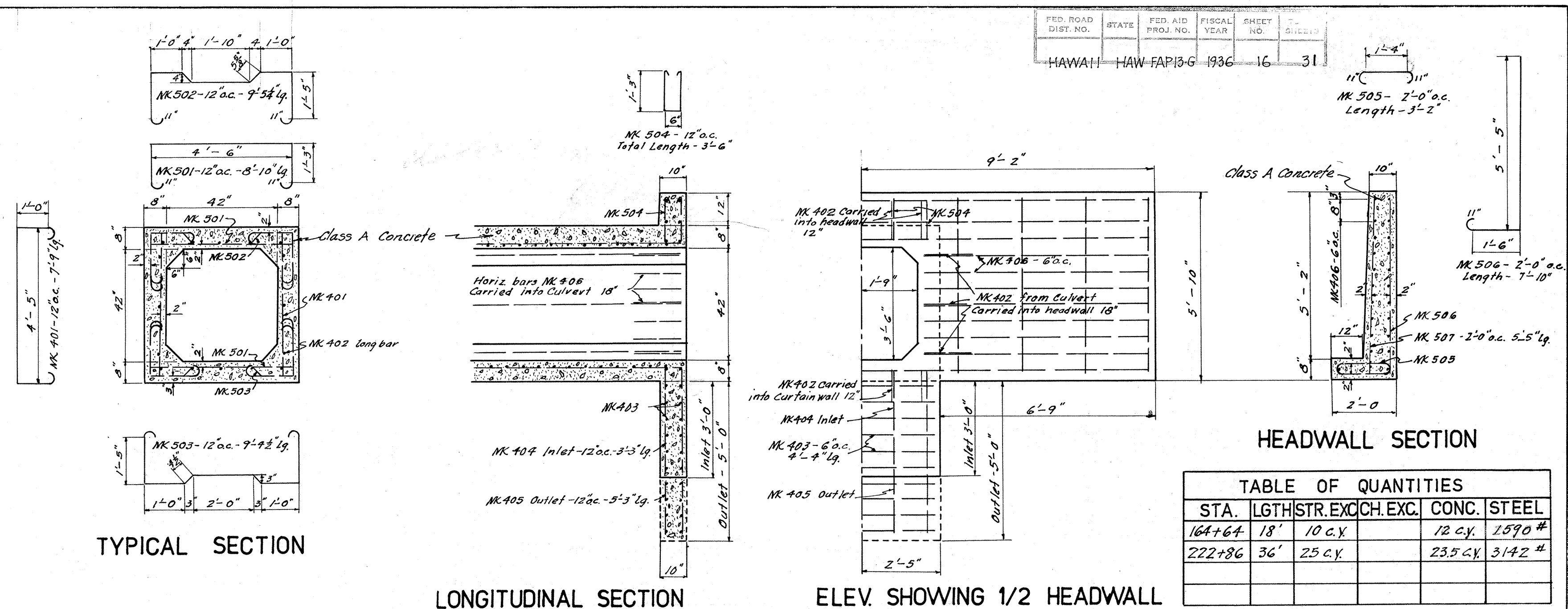
NON-PARTICIPATING

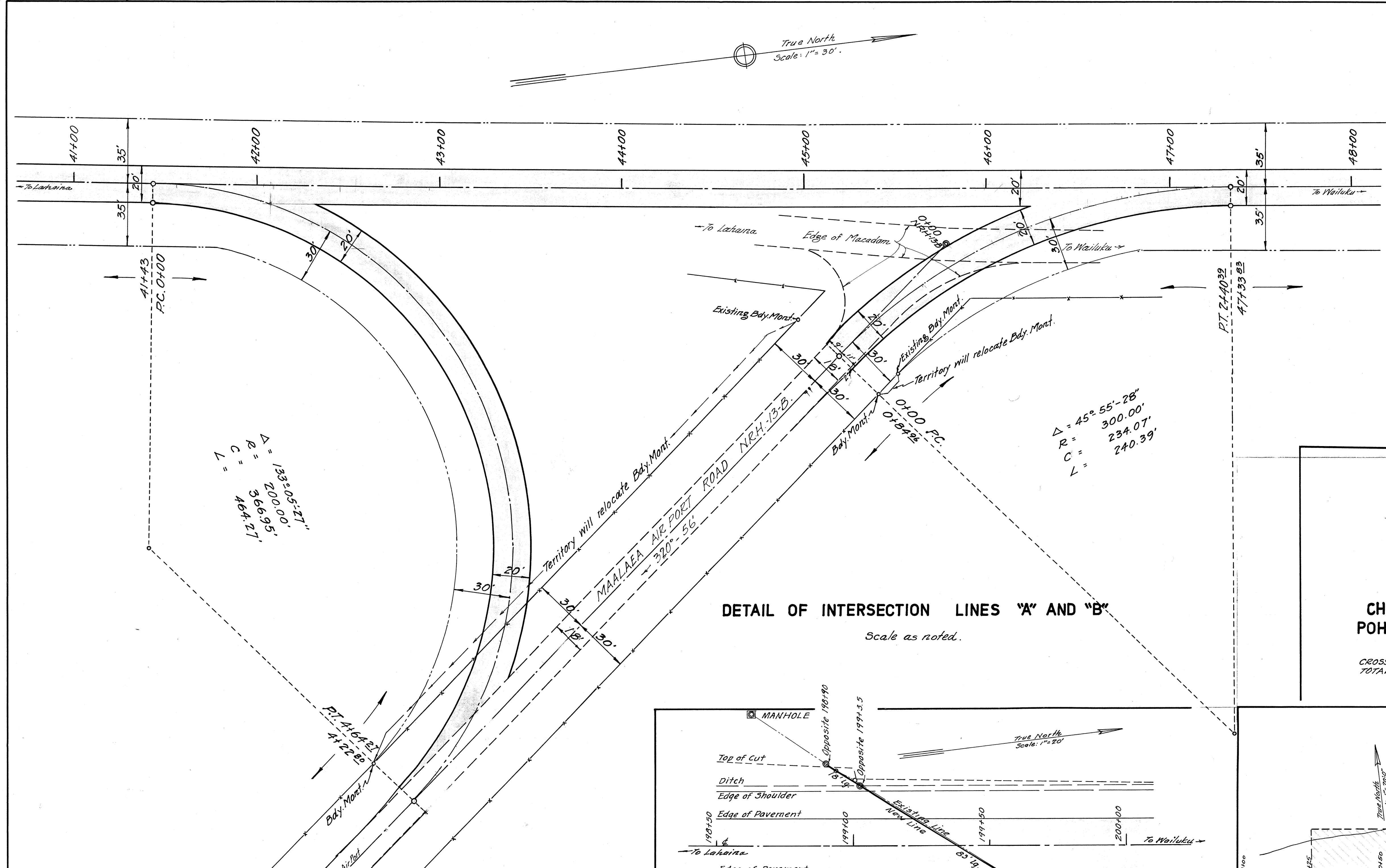
NOTE: Item of "GATE VALVE TRESTDLE" includes, moving valve to inside of reservoir, repairing pipe, constructing trestle complete and extending valve stem.

AT STAS.
197+28
253+20
255+18
262+50



AT STAS.
66+50
77+75
207+11
213+86
217+00
222+80
229+00
245+00
268+68
281+00
286+64

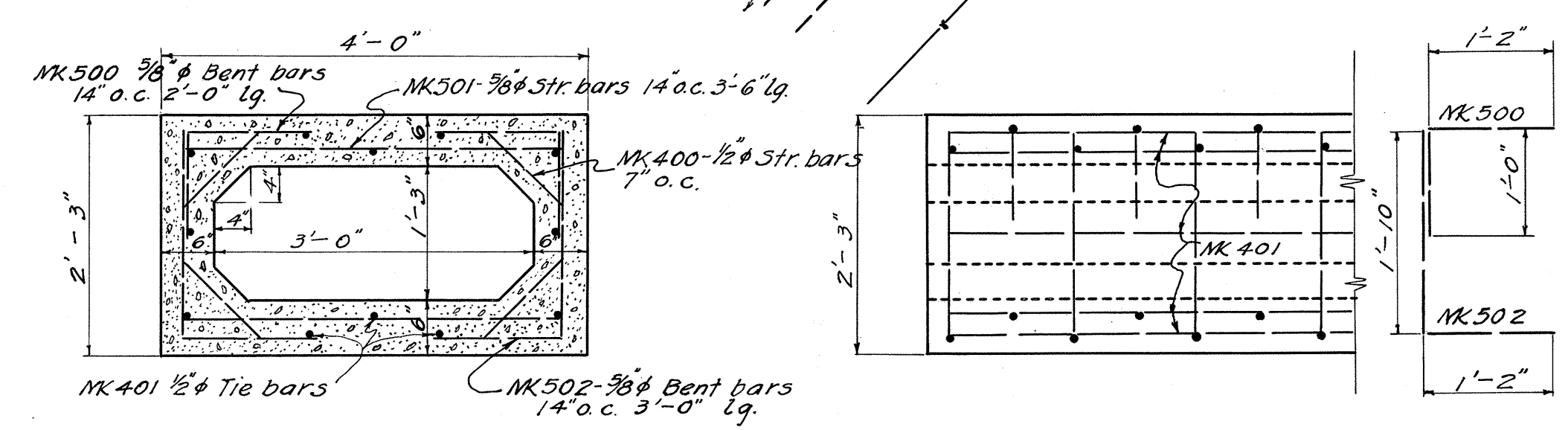
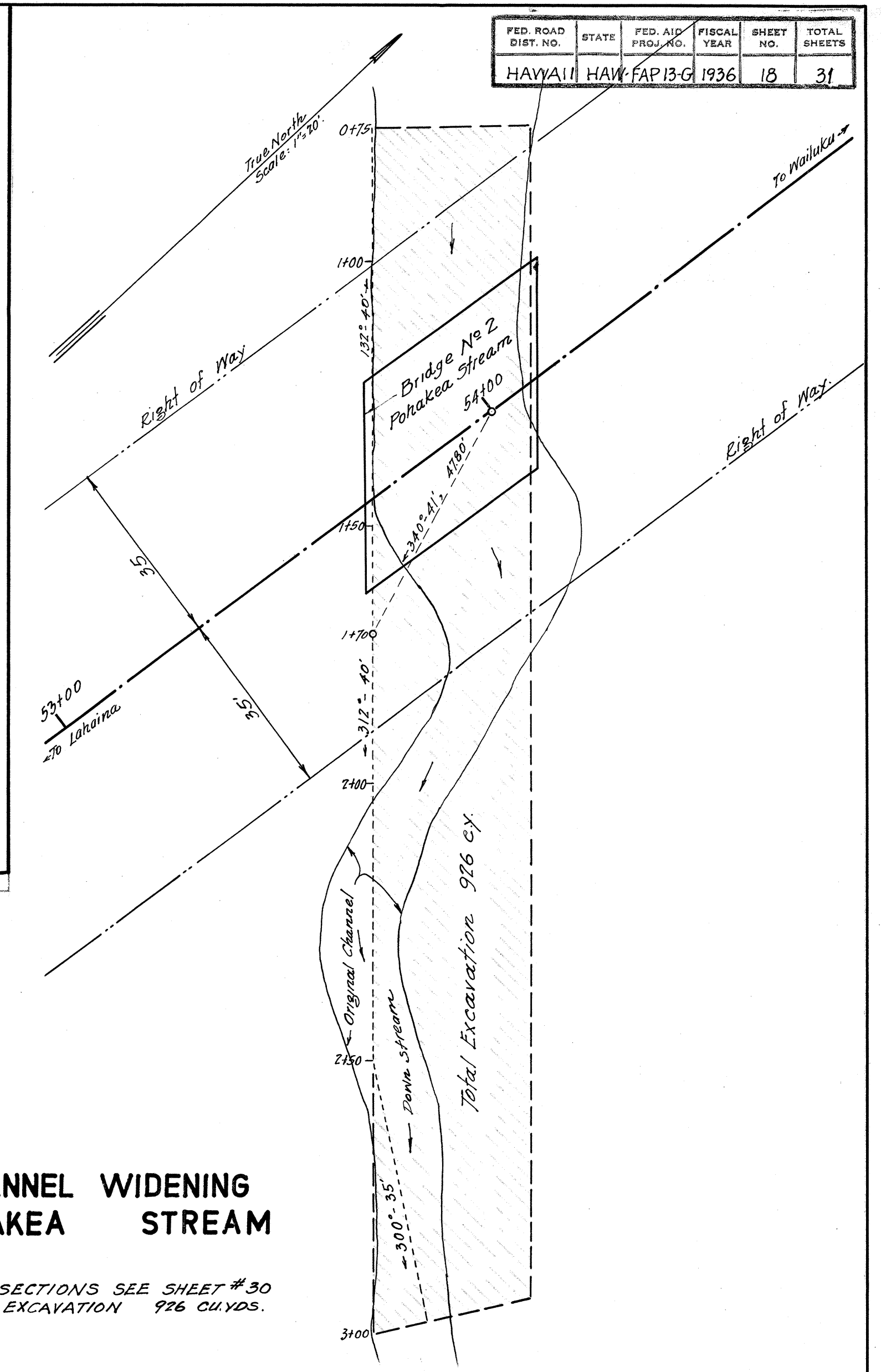




DETAIL OF INTERSECTION LINES "A" AND "B"
Scale as noted.

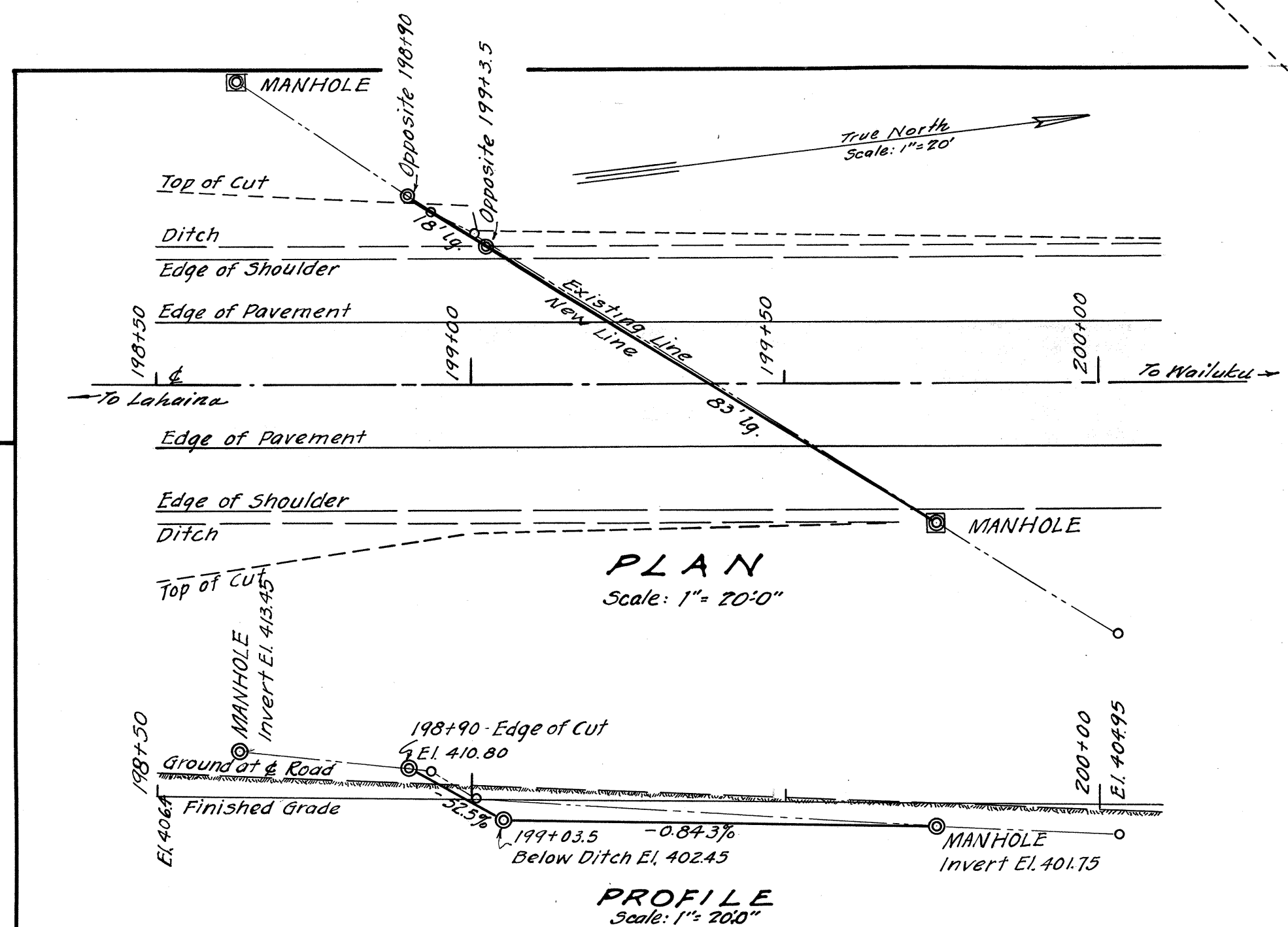
CHANNEL WIDENING POHAKEA STREAM

CROSS-SECTIONS SEE SHEET #30
TOTAL EXCAVATION 926 CU.YDS.

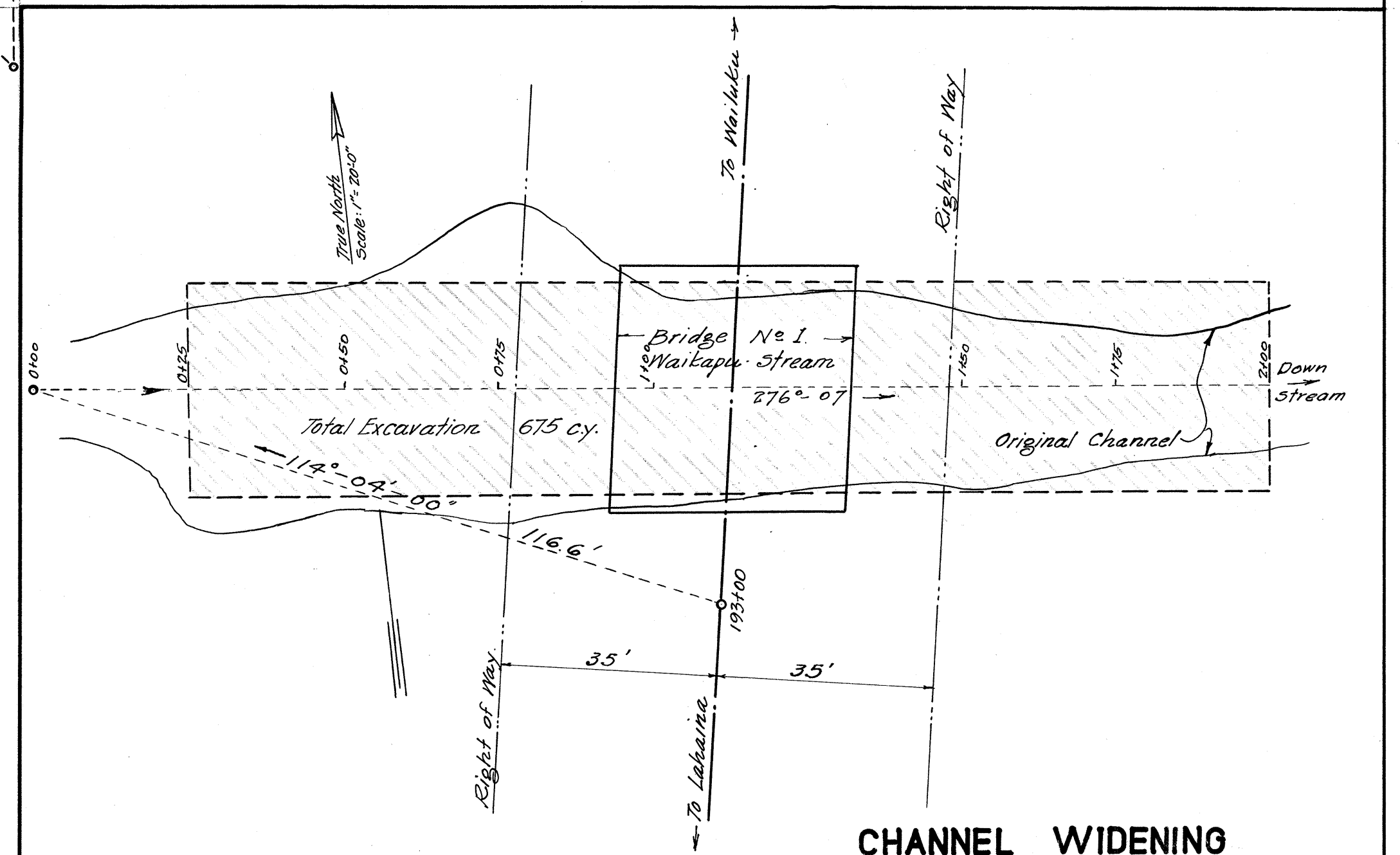


Class	Material	Quantity
Class A Concrete	Steel	1437 lbs.
12.5 cu.yds.		

**15' X 36" CONCRETE BOX CULVERT
STATION 79+75**
Scale: 3/4" = 1'-0"



**RELOCATE 6" SEWER AT STA. 199+50
TO BE PAID FOR AS A UNIT IN PLACE
COMPLETE**



CHANNEL WIDENING WAIKAPU STREAM.

CROSS-SECTIONS SEE SHEET #30
TOTAL EXCAVATION 675 CU.YDS.