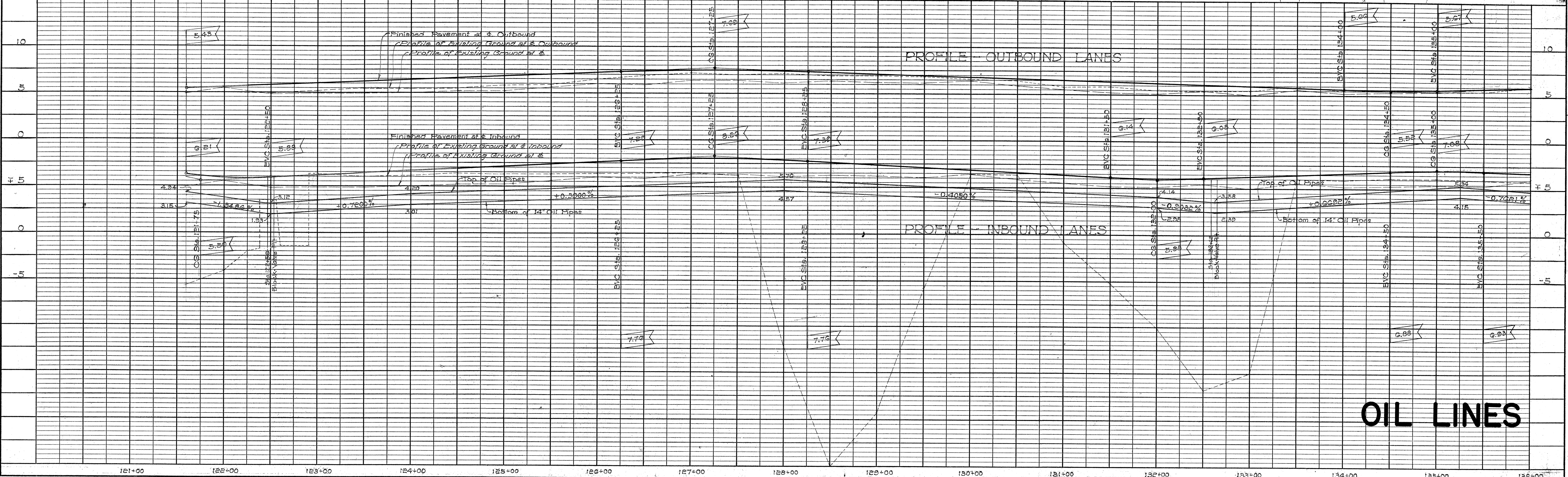
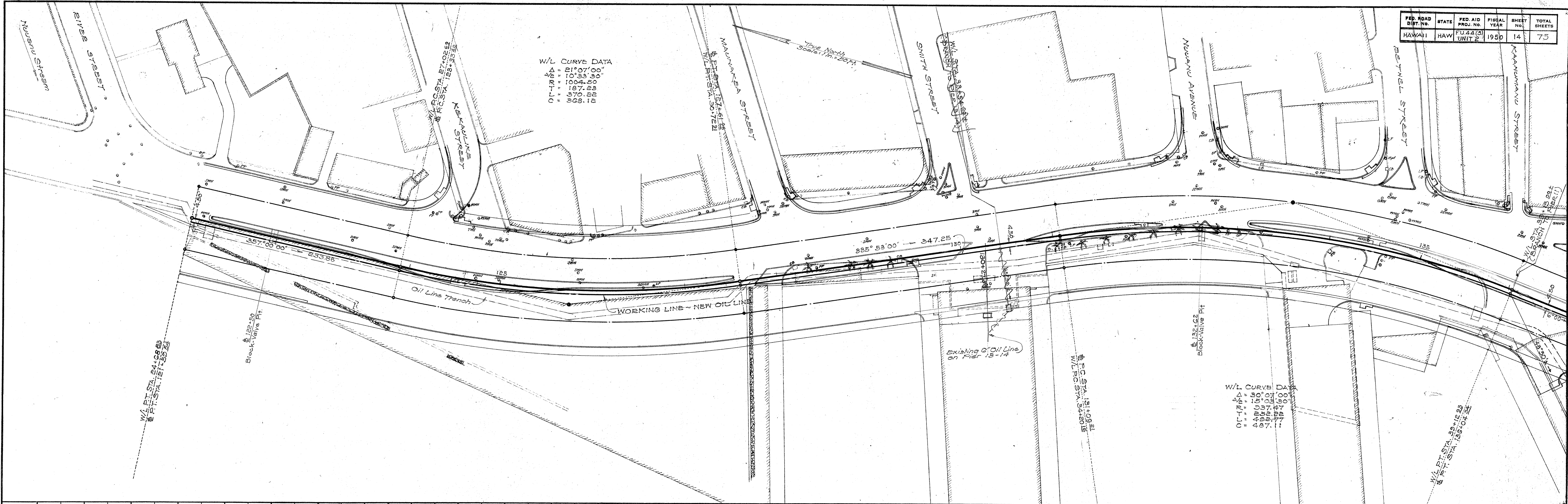


PLAN	DATE
BY	
DATE	
NO.	
NOTE BOOK	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	

PROFILE	DATE
BY	
DATE	
NO.	
NOTE BOOK	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD.	

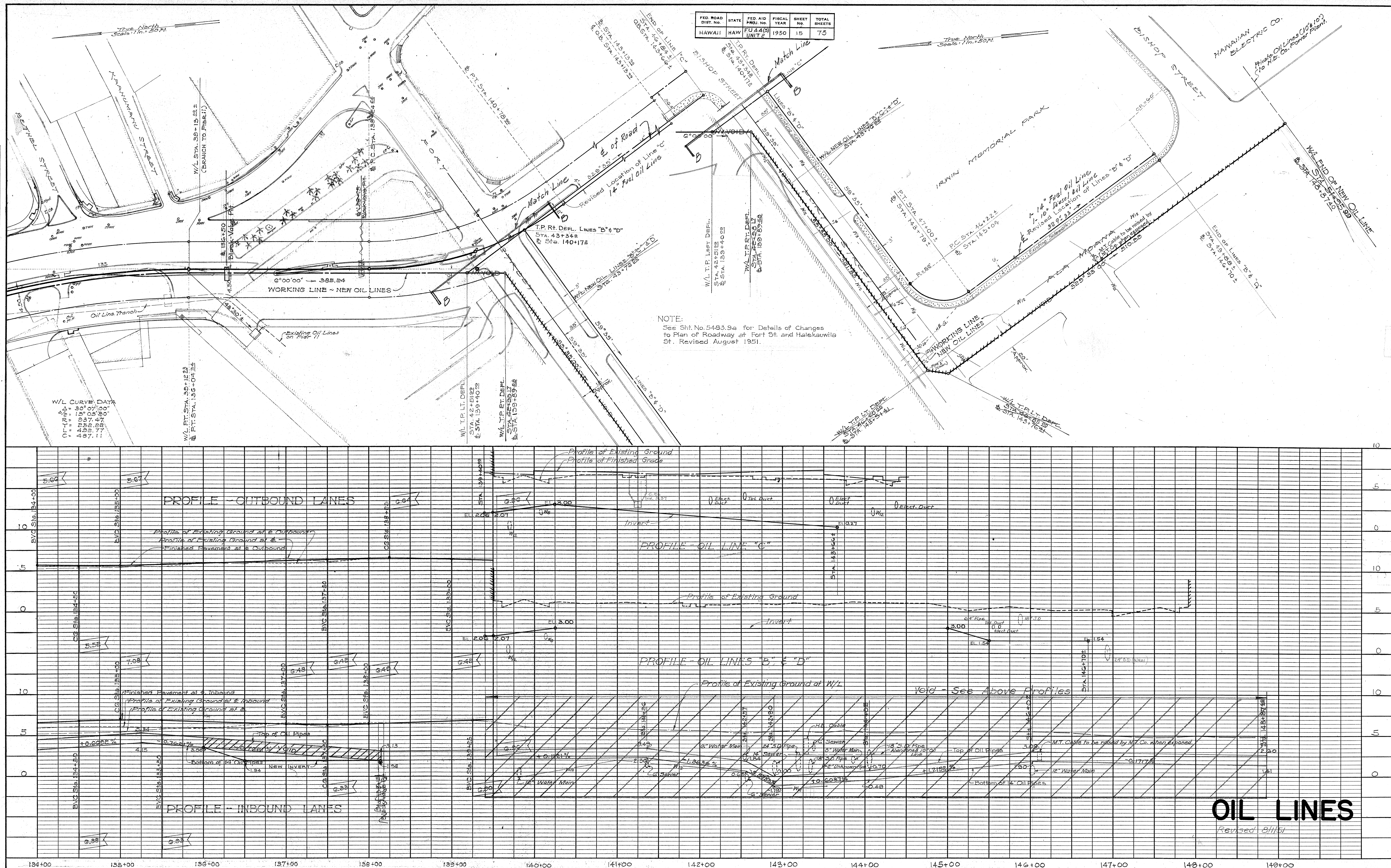


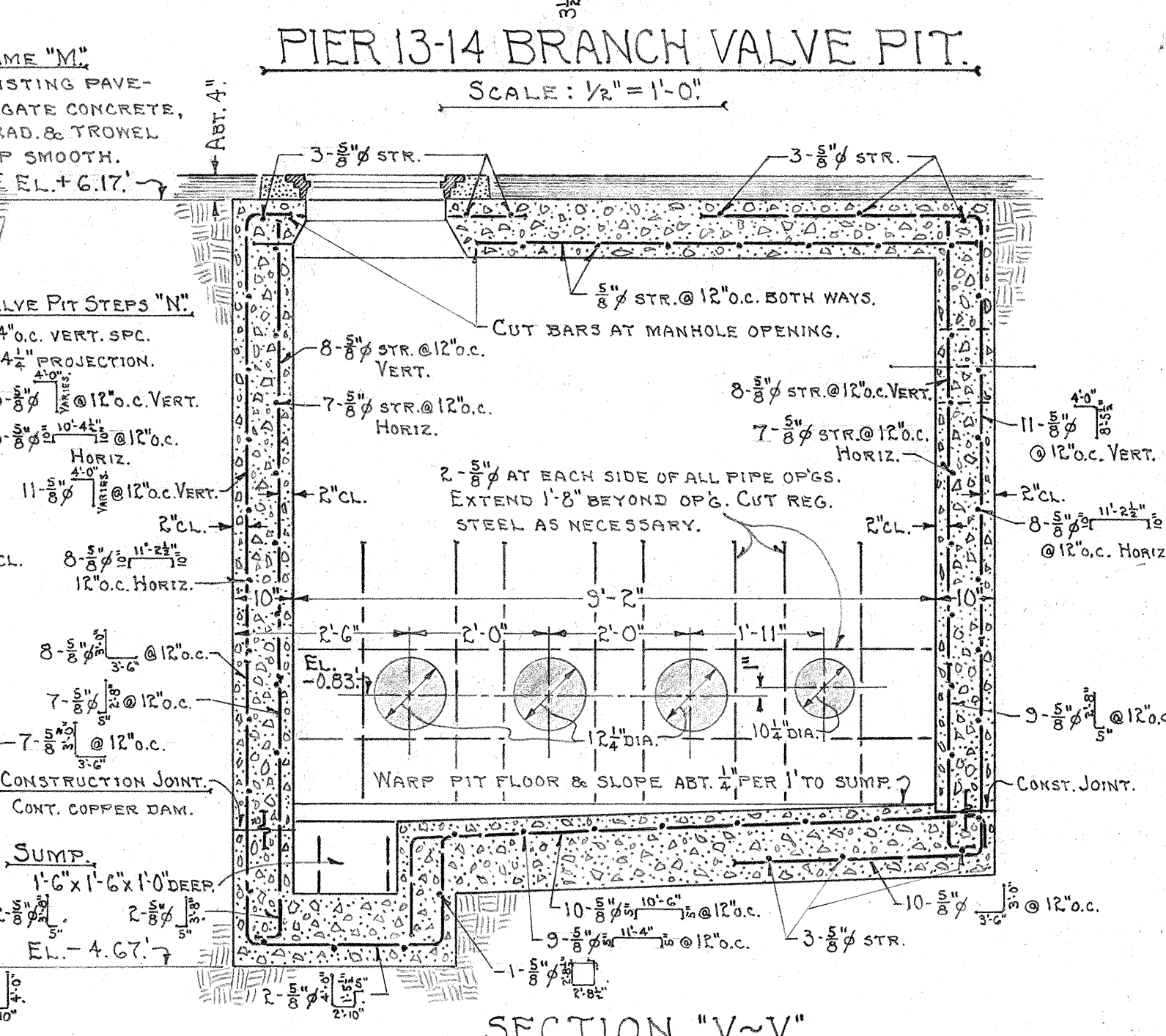
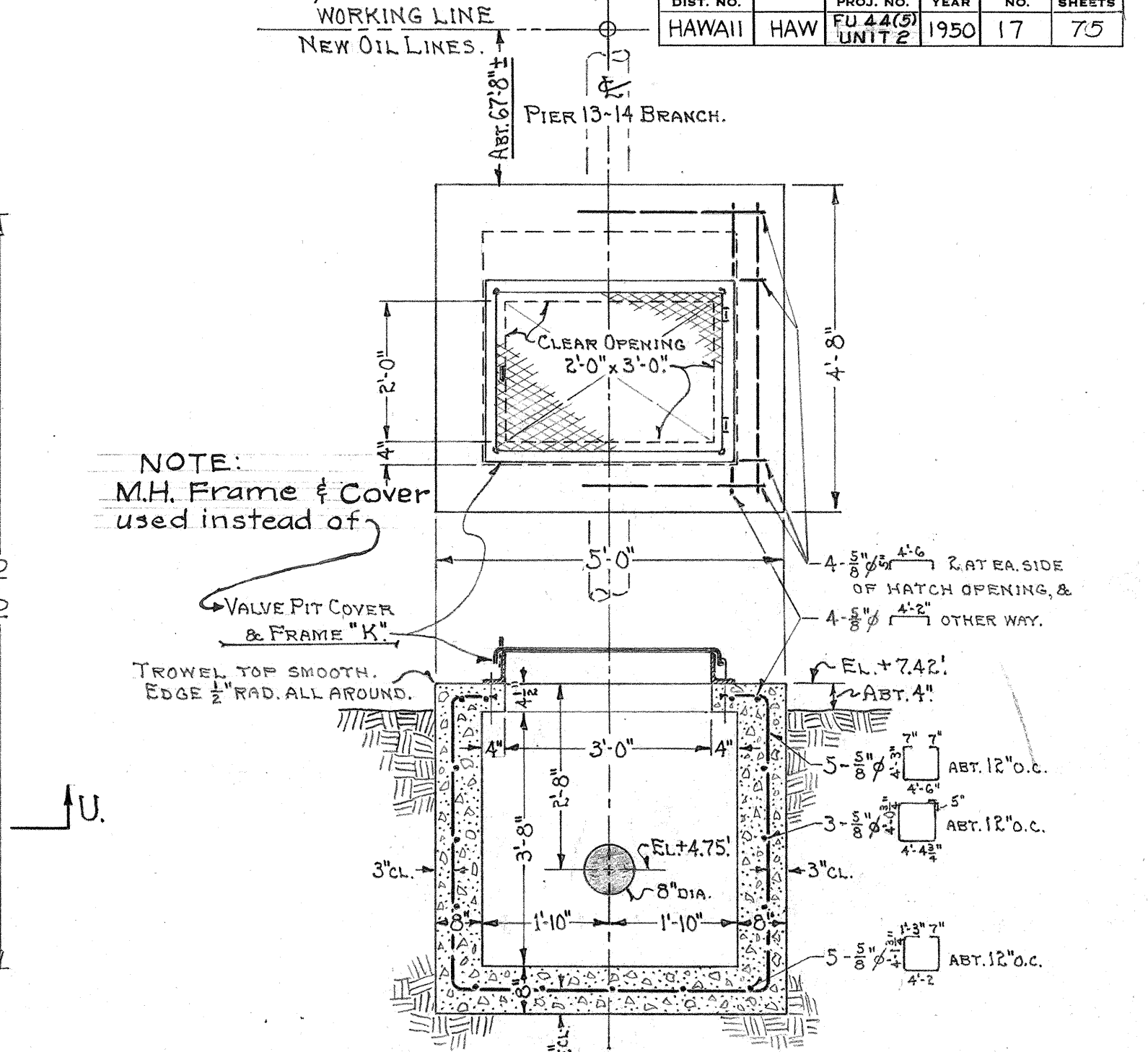
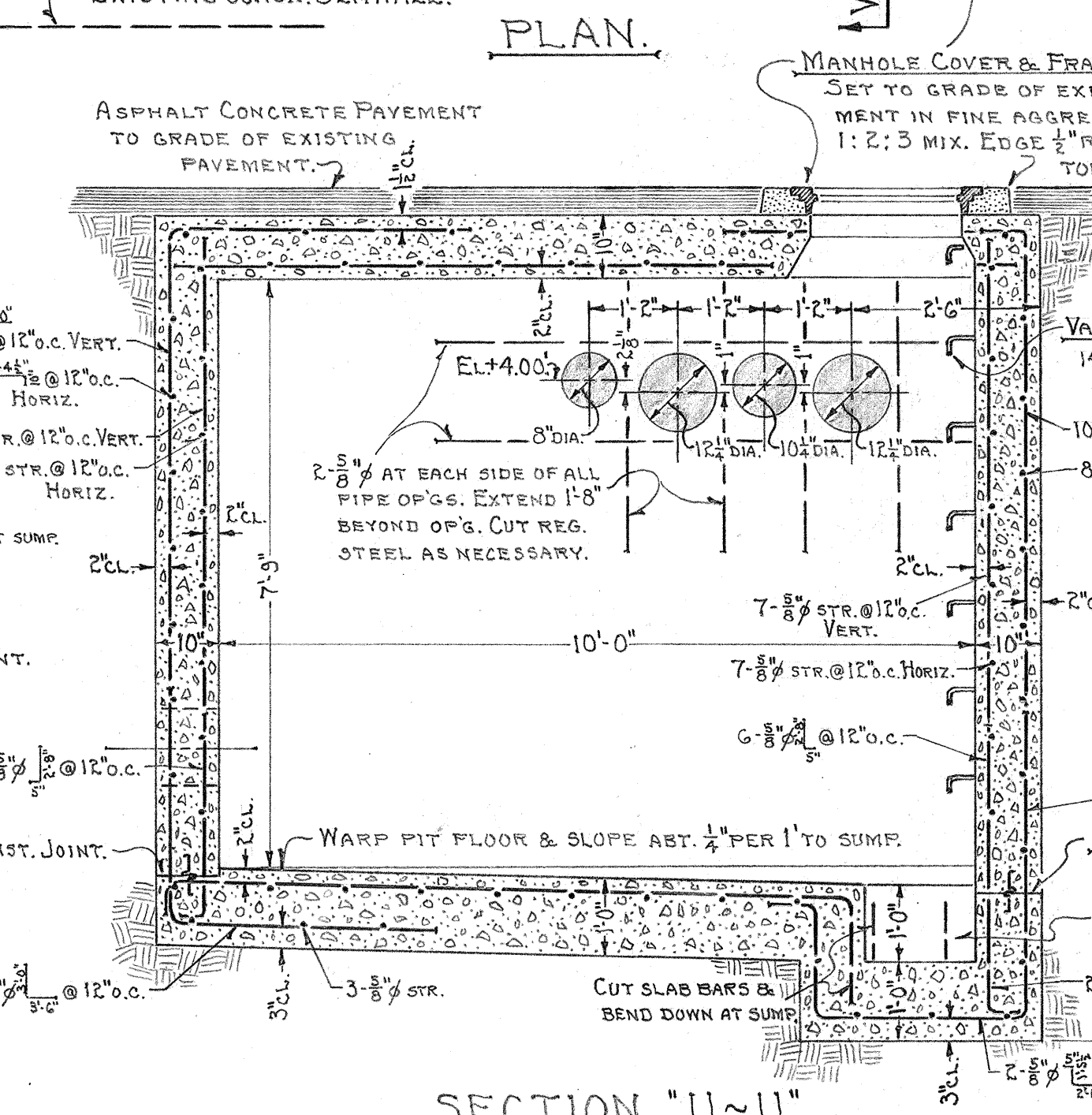
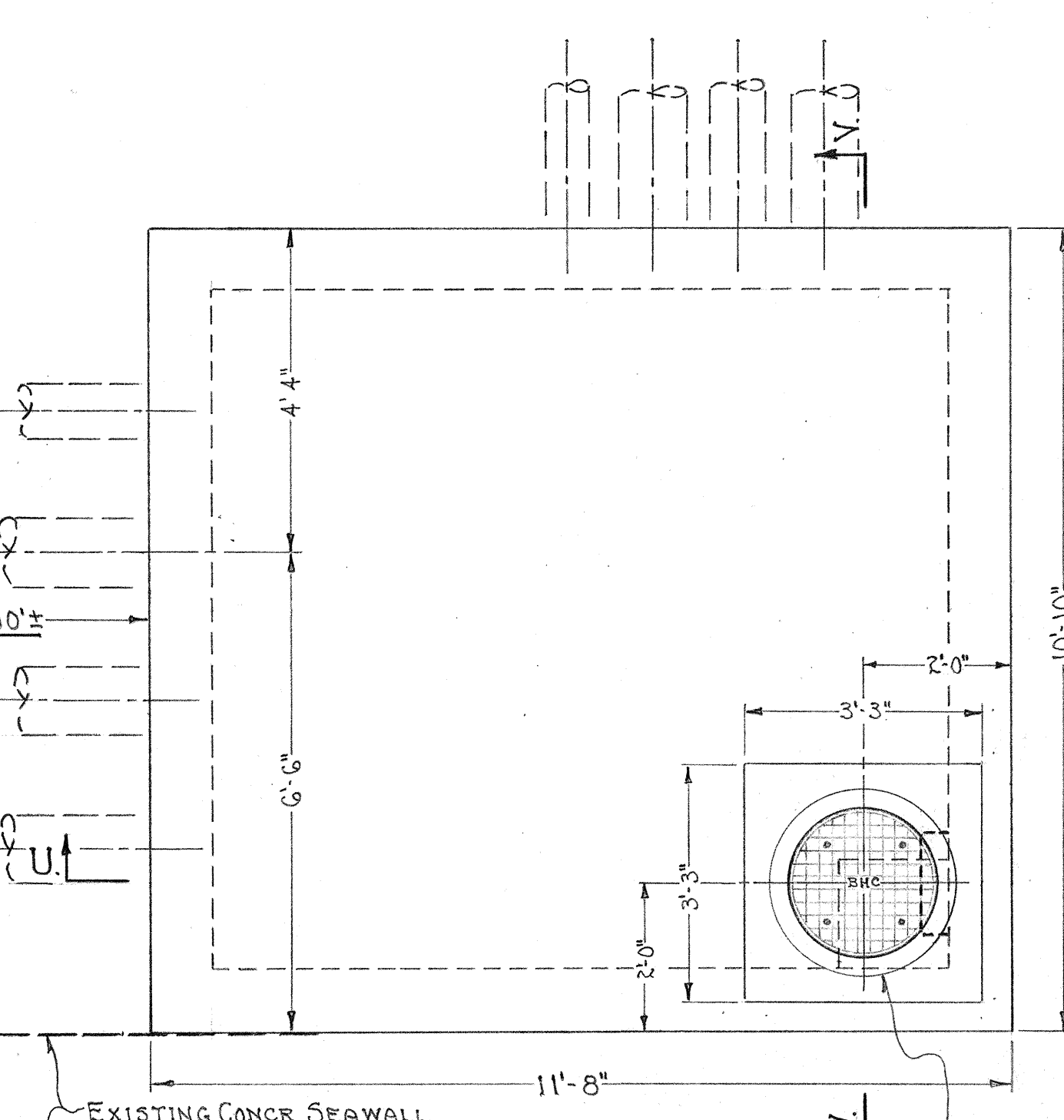
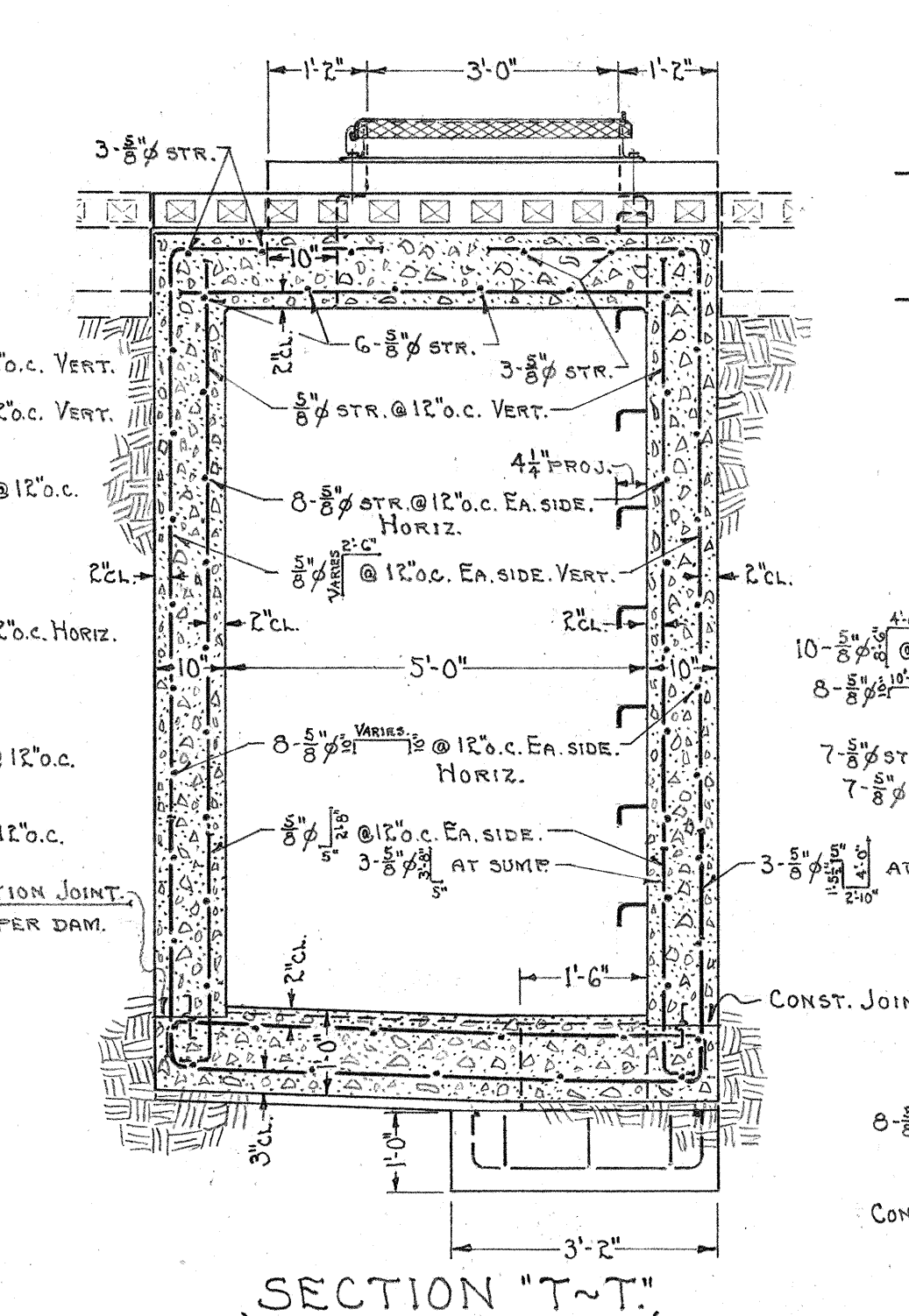
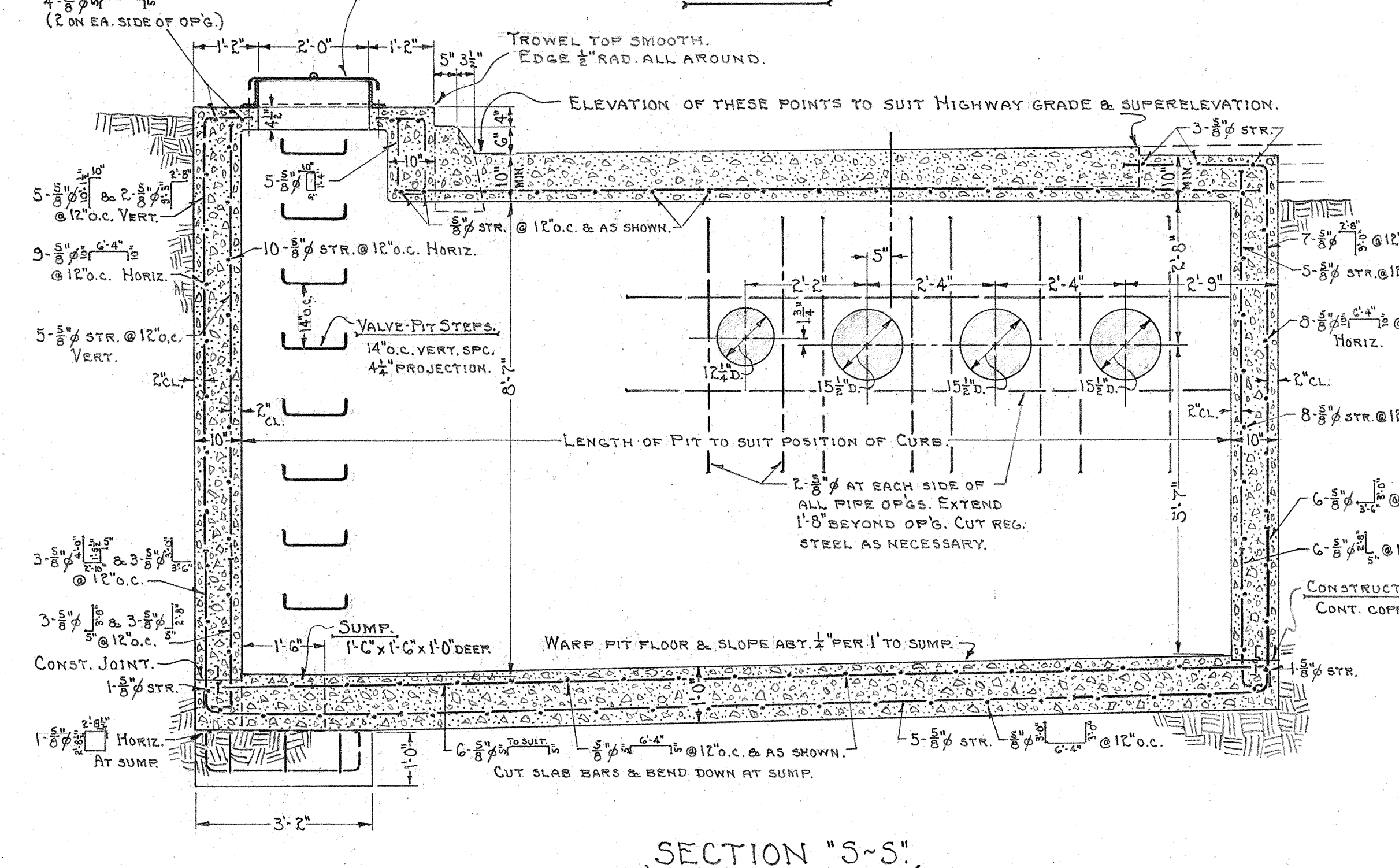
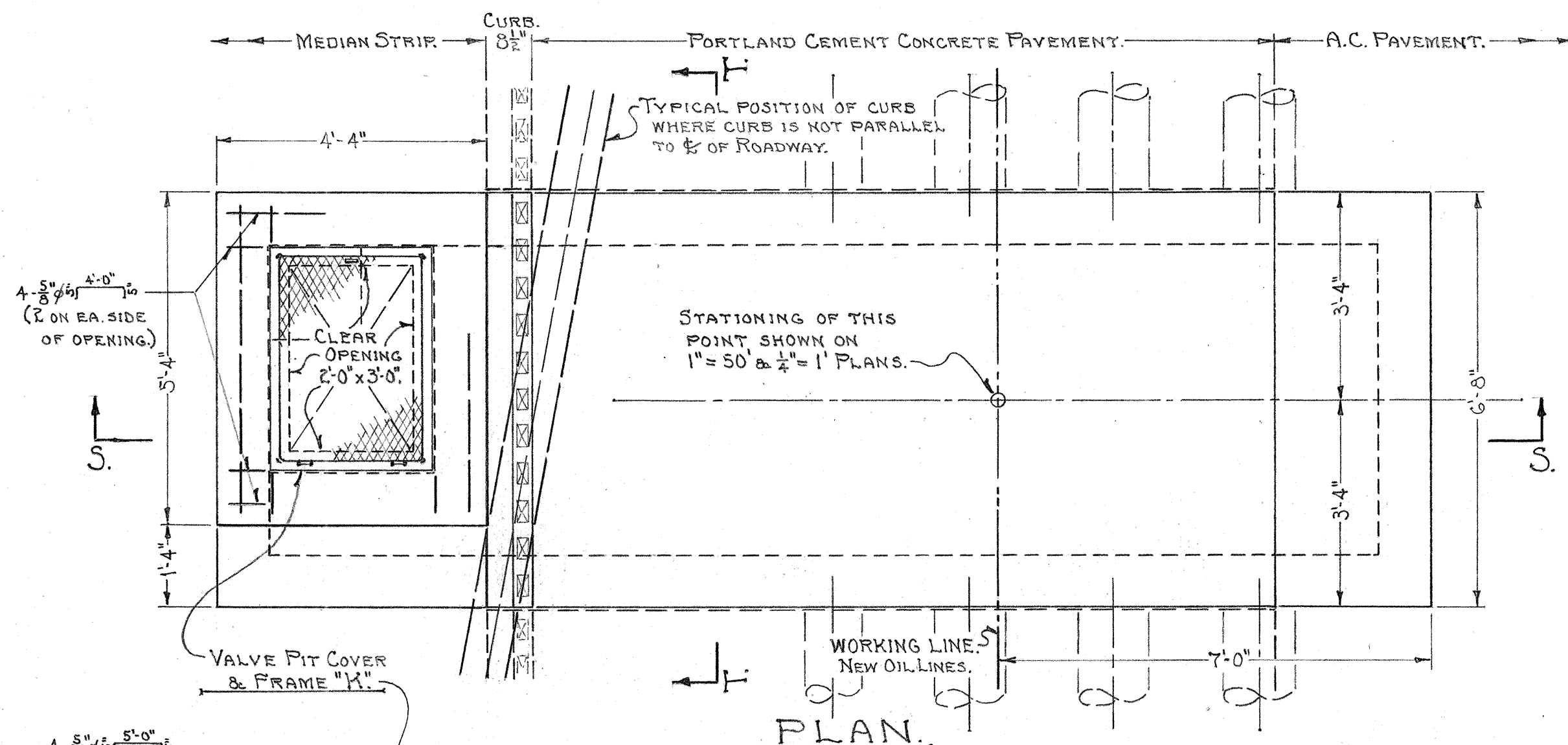
OIL LINES

5483.14

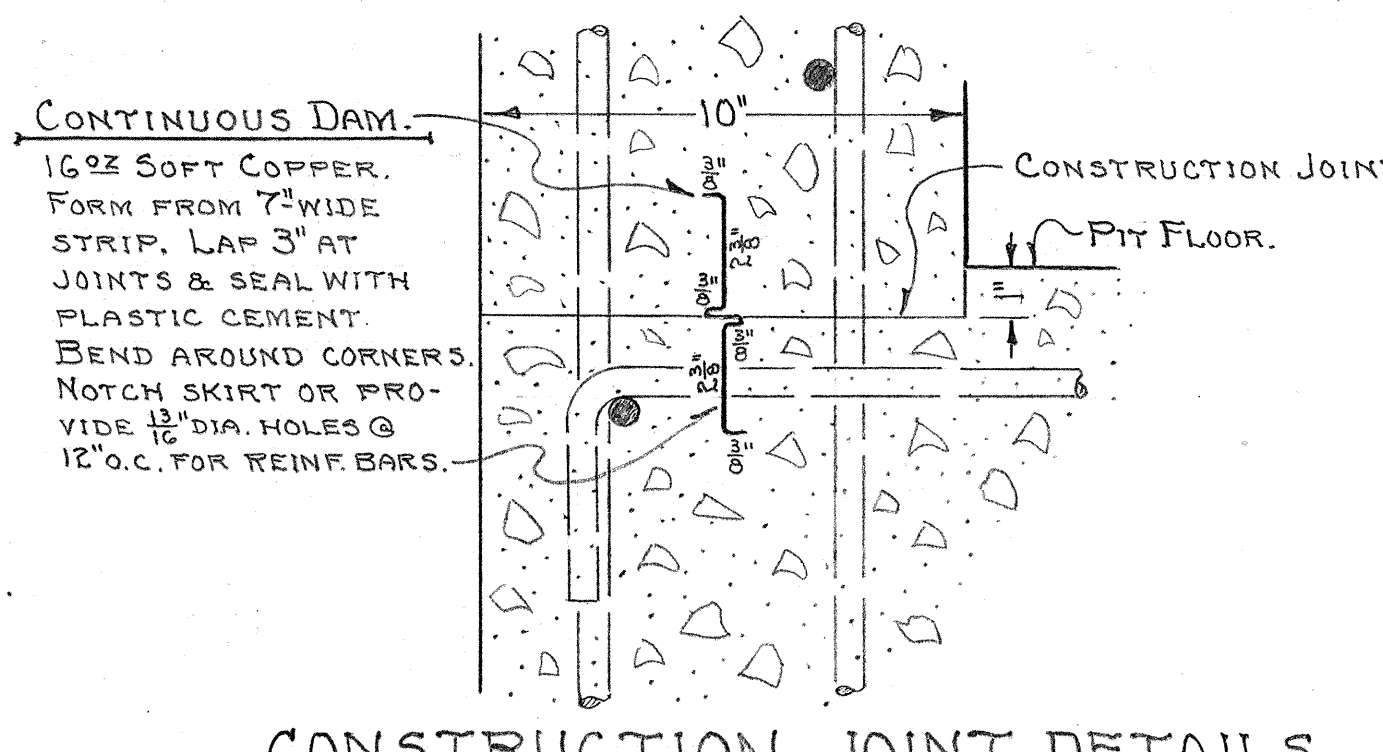
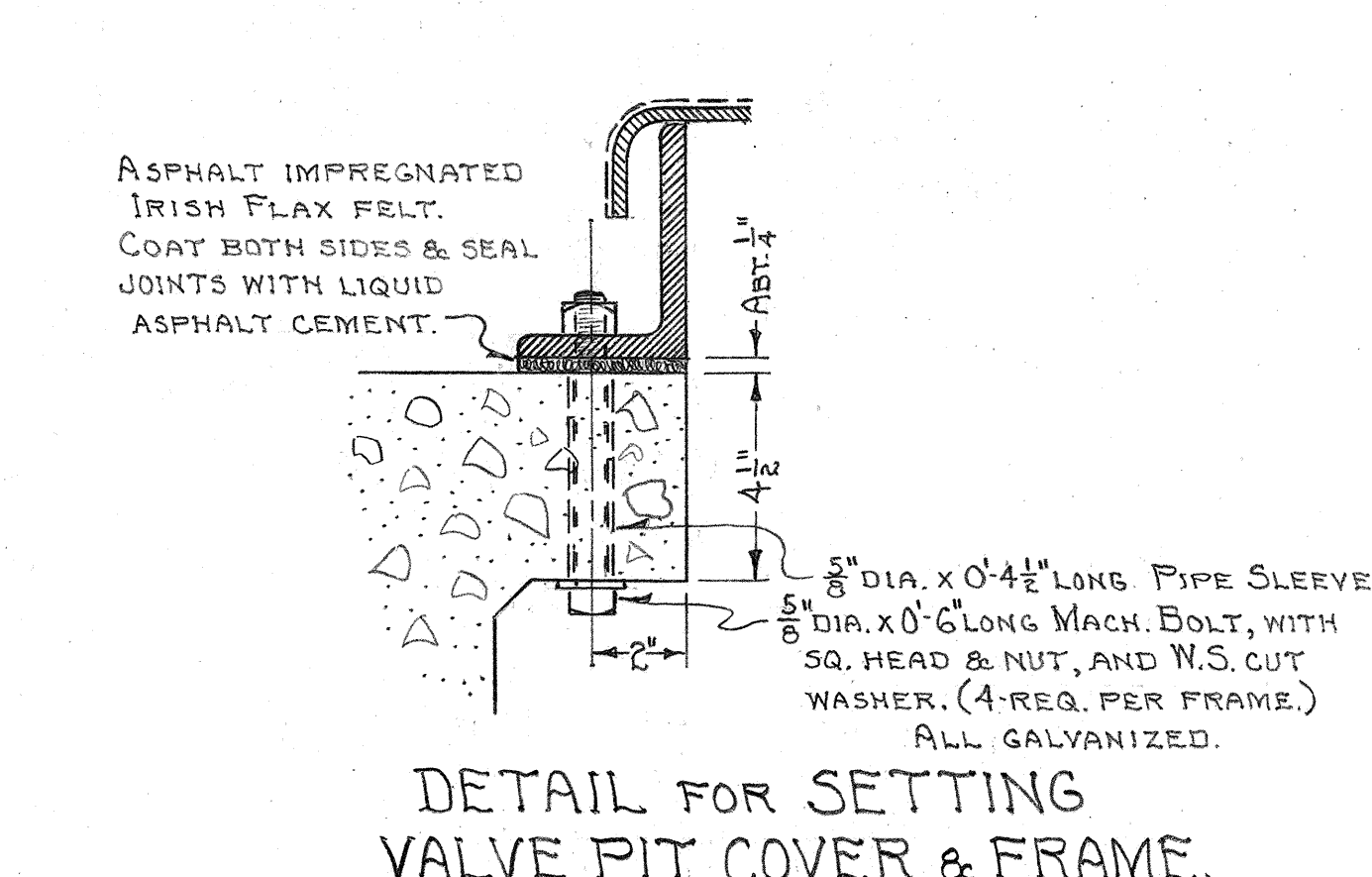
OIL LINE 210.10.50

PROFILE		BY	DATE
	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B. M.'S NOTED		
NO. _____	STRUCTURE NOTAT'NS CH'KD.		

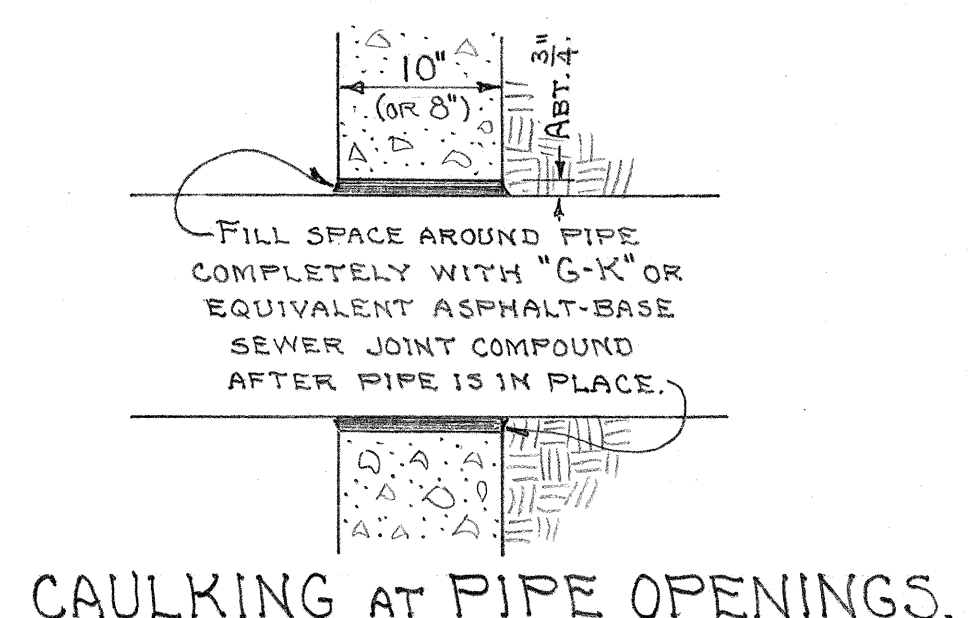




SURVEY PLOTTED BY
 DRAWN BY
 CHECKED BY
 ORIGINAL
 PLAN
 NOTE BOOK
 No.



CONSTRUCTION JOINT DETAILS.



MATERIALS FURNISHED BY B.H.C.:
 ALL PIPE, VALVES & FITTINGS FOR THE NEW OIL LINES.
 ALL MATERIALS FOR PROTECTION AGAINST CORROSION.
 ALL PIPE WELDING MATERIALS.
 VALVE PIT COVERS & FRAMES "K".
 MANHOLE COVERS & FRAMES "M".
 VALVE PIT STEPS "N".

GENERAL NOTES:
 ALL CONCRETE ~ CLASS A-1, PORTLAND CEMENT, WITH 2" TRICOLAS NORMAL PER CUBIC YARD, & NOT MORE THAN 5 1/2 GALLONS OF WATER PER SACK (94#) OF CEMENT, UNLESS NOTED OTHERWISE ON THE DETAILS.
 SURFACE FINISH ~ ORDINARY FINISH, ONLY, UNLESS NOTED OTHERWISE ON THE DETAILS.
 REINFORCING STEEL ~ INTERMEDIATE GRADE DEFORMED BAR, A.S.T.M. SERIAL DESIGNATION "A15".
 THIS DRAWING PREPARED BY
 BOARD OF HARBOR COMMISSIONERS
 TERRITORY OF HAWAII
 HONOLULU, T.H.
 DWG. NO. 802-6.
 JUNE 23, 1950.
 JOB H.C. 802.
 APPROVED: B.F. Rush
 MANAGER & CHIEF ENGINEER, BO. HARBOR COMM.

DETAILS OF VALVE PITS.
 TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
 DETAILS OF VALVE PITS
 FOR OIL LINES
 HONOLULU-PEARL HARBOR ROAD
 QUEEN STREET SECTION
 PROJECT NO. FU 44(5)
 SCALE AS SHOWN
 JULY, 1950
 SHEET NO. 2 OF 2 SHEETS

5483.17