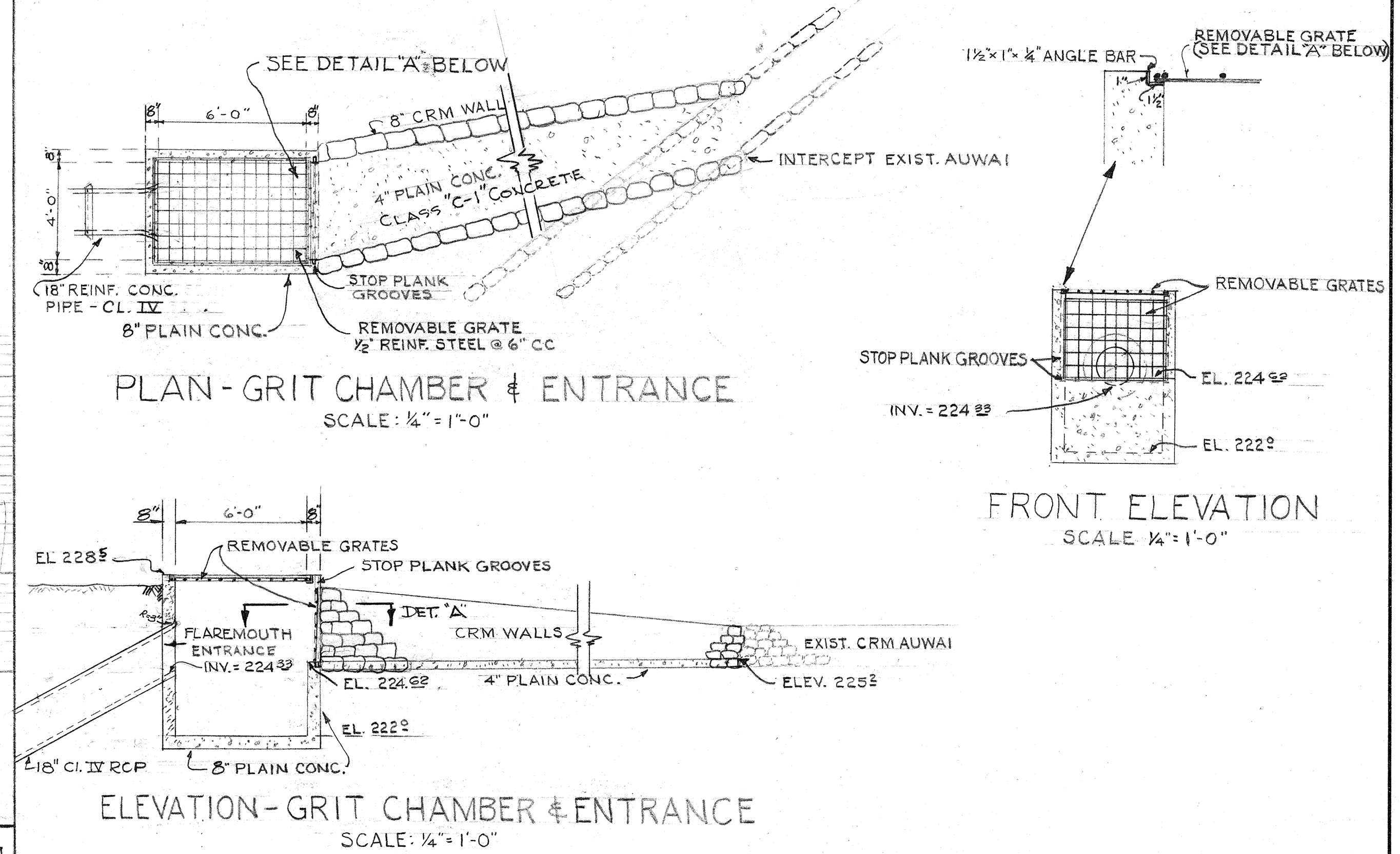
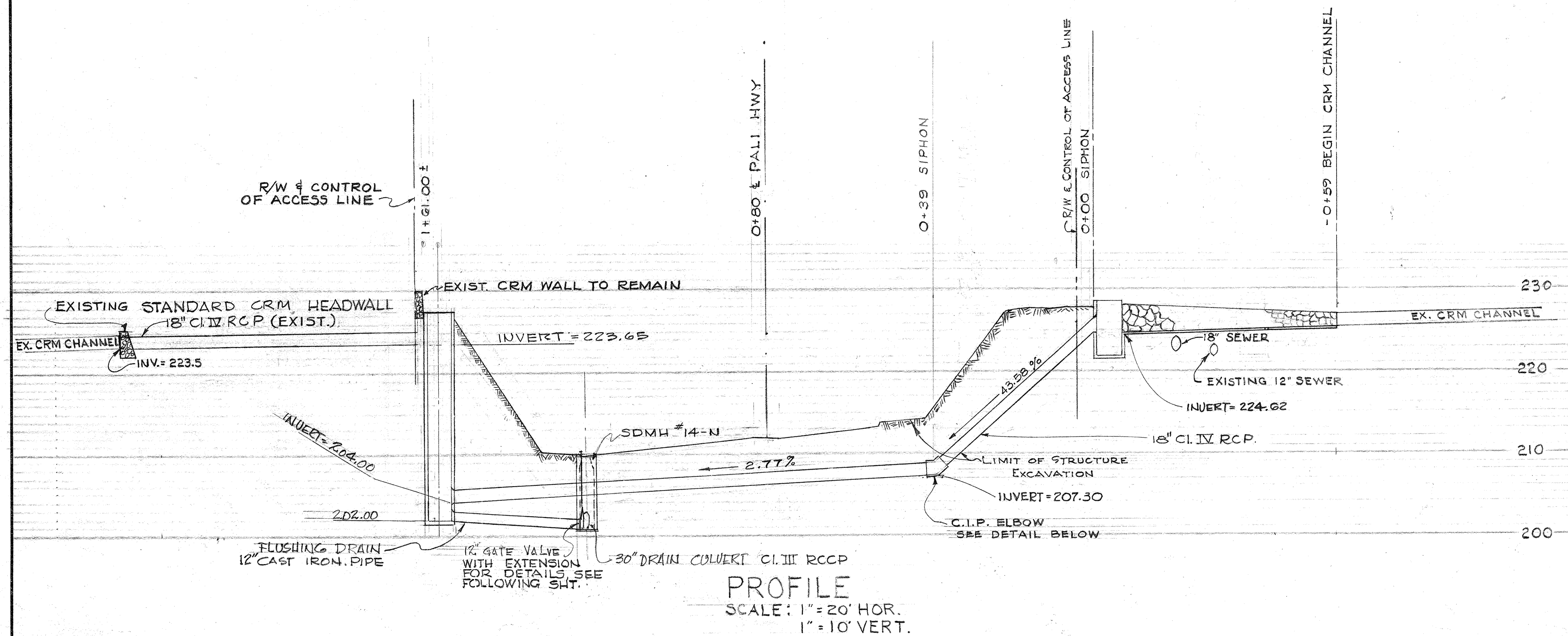
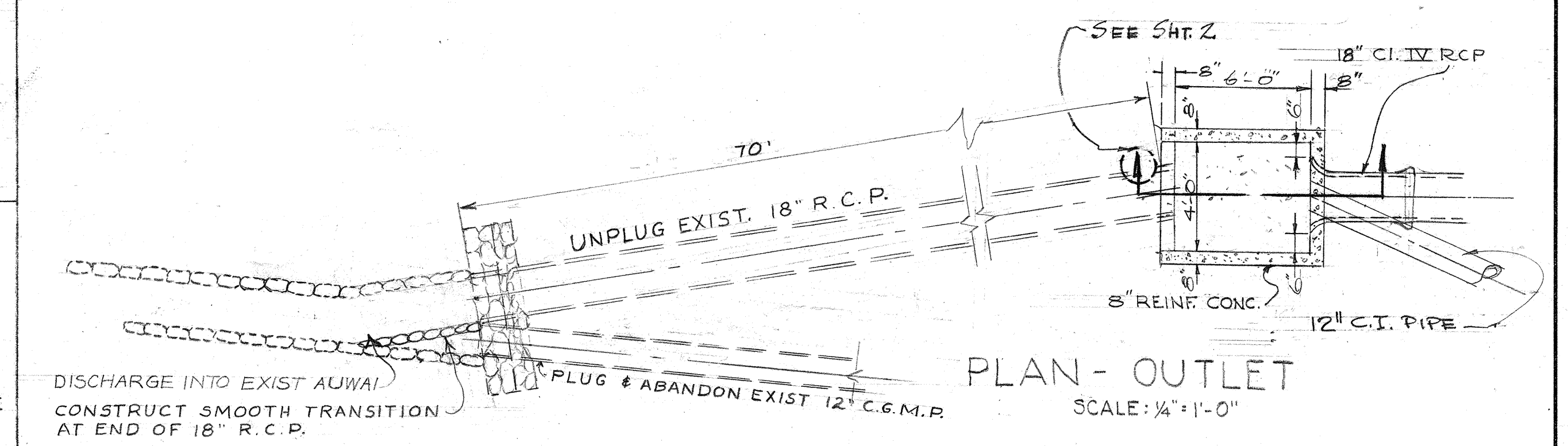
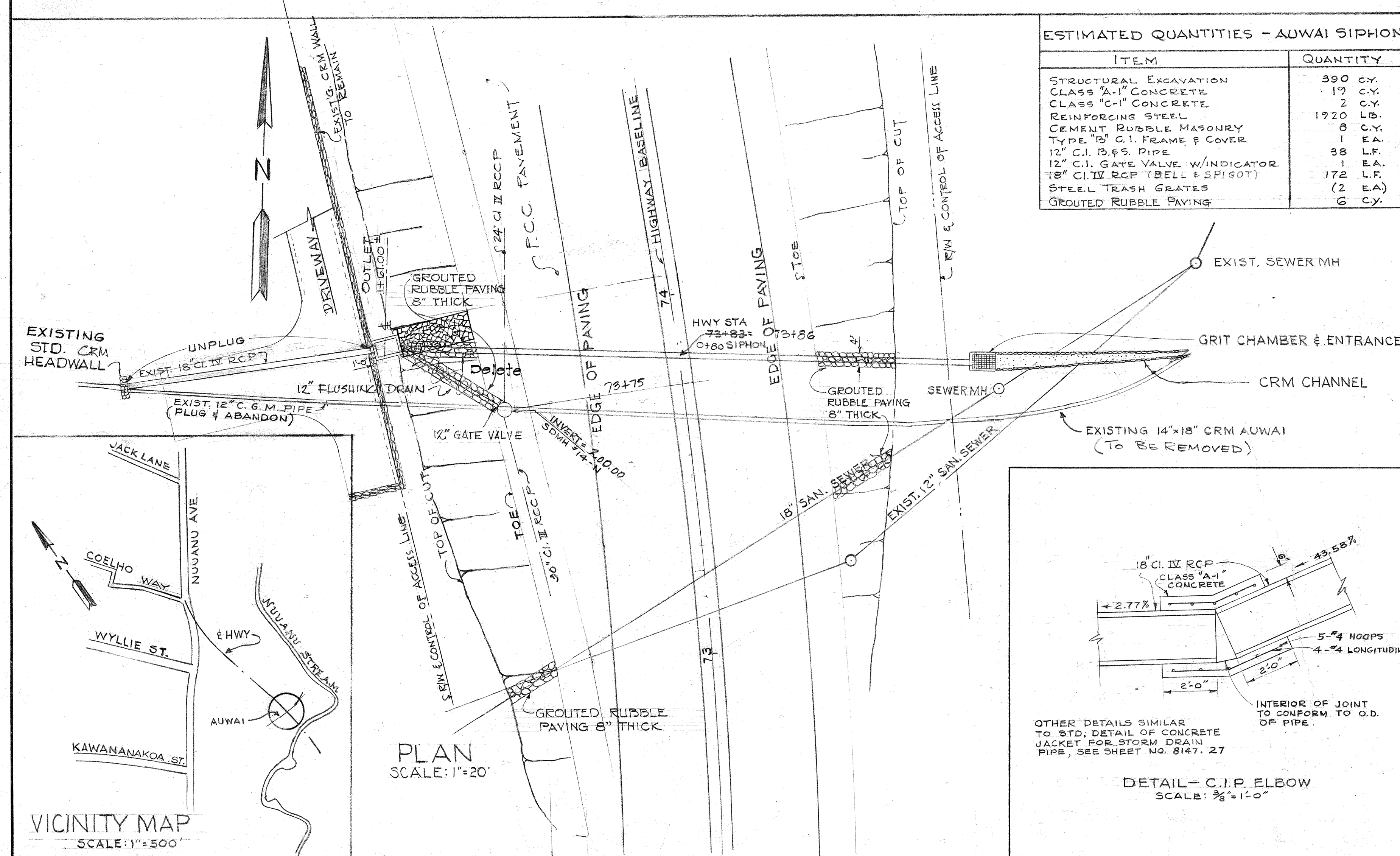


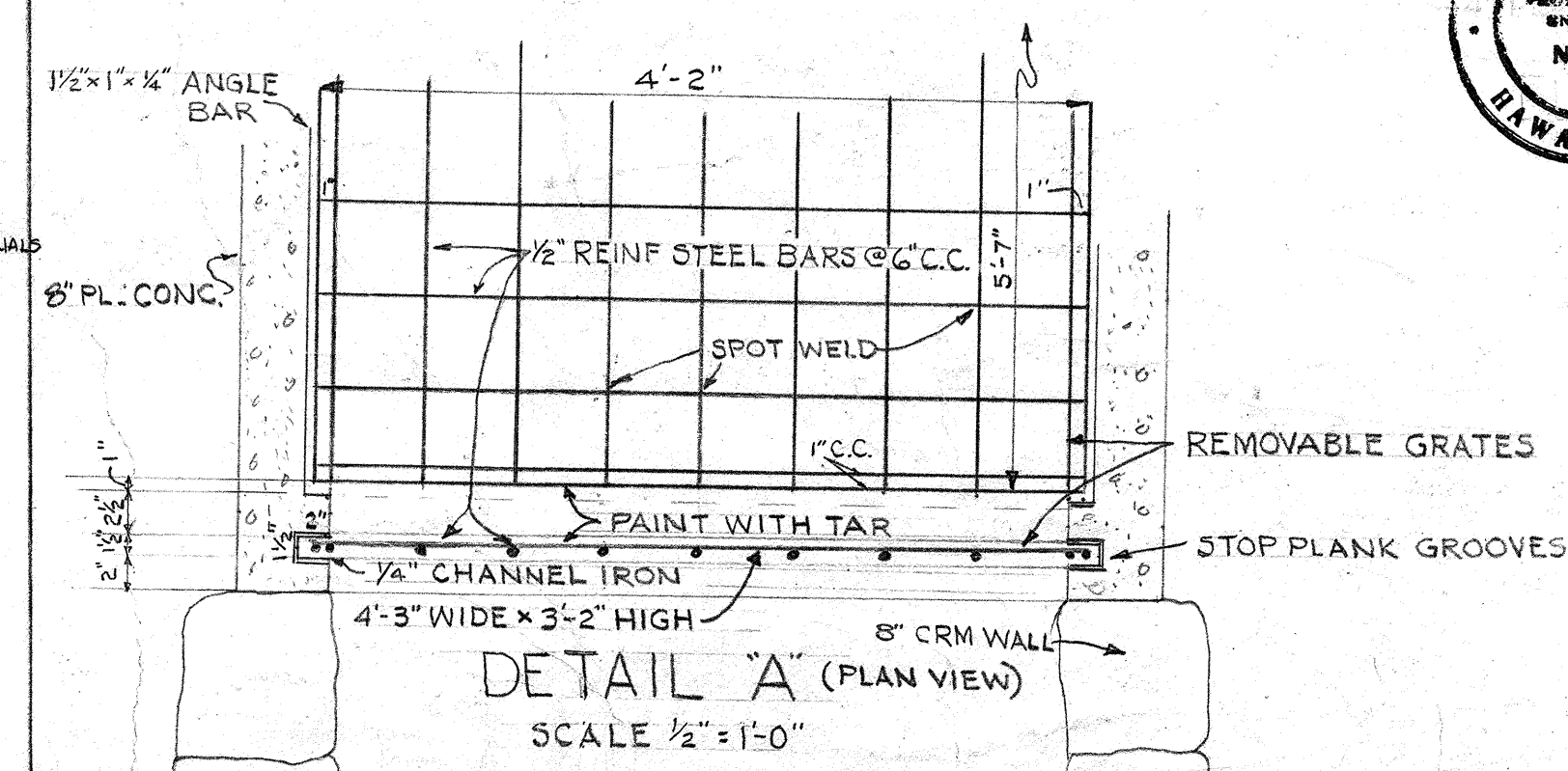
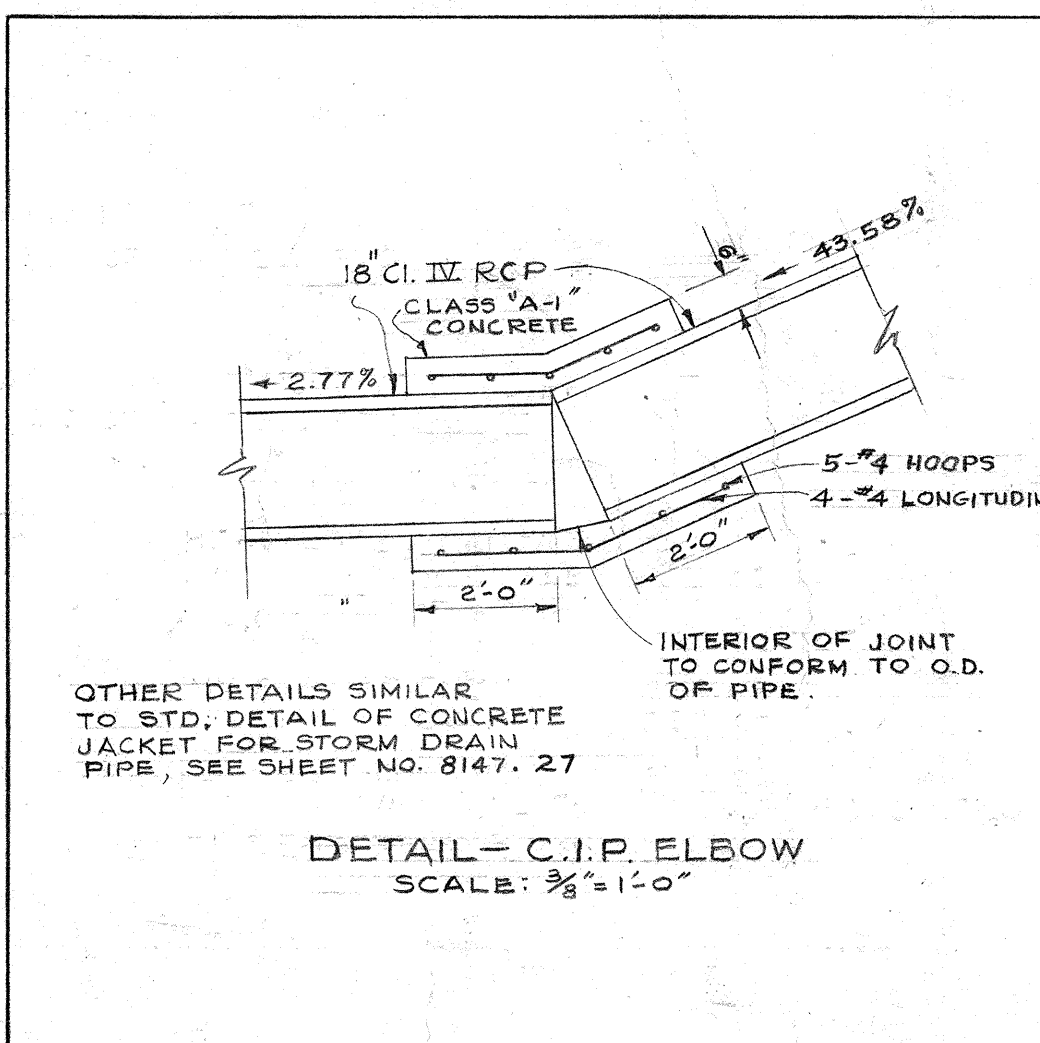
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII HAW.	HAW.	BU06H(7) UNIT 5	1960	28	176



ESTIMATED QUANTITIES - AUWAI SIPHON	
ITEM	QUANTITY
STRUCTURAL EXCAVATION	390 C.Y.
CLASS "A-1" CONCRETE	17 C.Y.
CLASS "C-1" CONCRETE	2 C.Y.
REINFORCING STEEL	1920 LB.
CEMENT RUBBLE MASONRY	8 C.Y.
TYPE "B" C.I. FRAME & COVER	1 EA.
12" C.I. B&S. PIPE	38 L.F.
12" C.I. GATE VALVE W/INDICATOR	1 EA.
18" C.I. RCP (BELL & SPIGOT)	172 L.F.
STEEL TRASH GRATES	(2 EA.)
GRAVEL RUBBLE PAVING	6 C.Y.



- NOTE
1. ALL PIPE JOINTS SHALL BE WATER-TIGHT (SEE SPECIAL PROVISIONS).
 2. ALL CONCRETE SHALL BE CLASS "A-1," EXCEPT AS NOTED OTHERWISE ON THE PLAN.



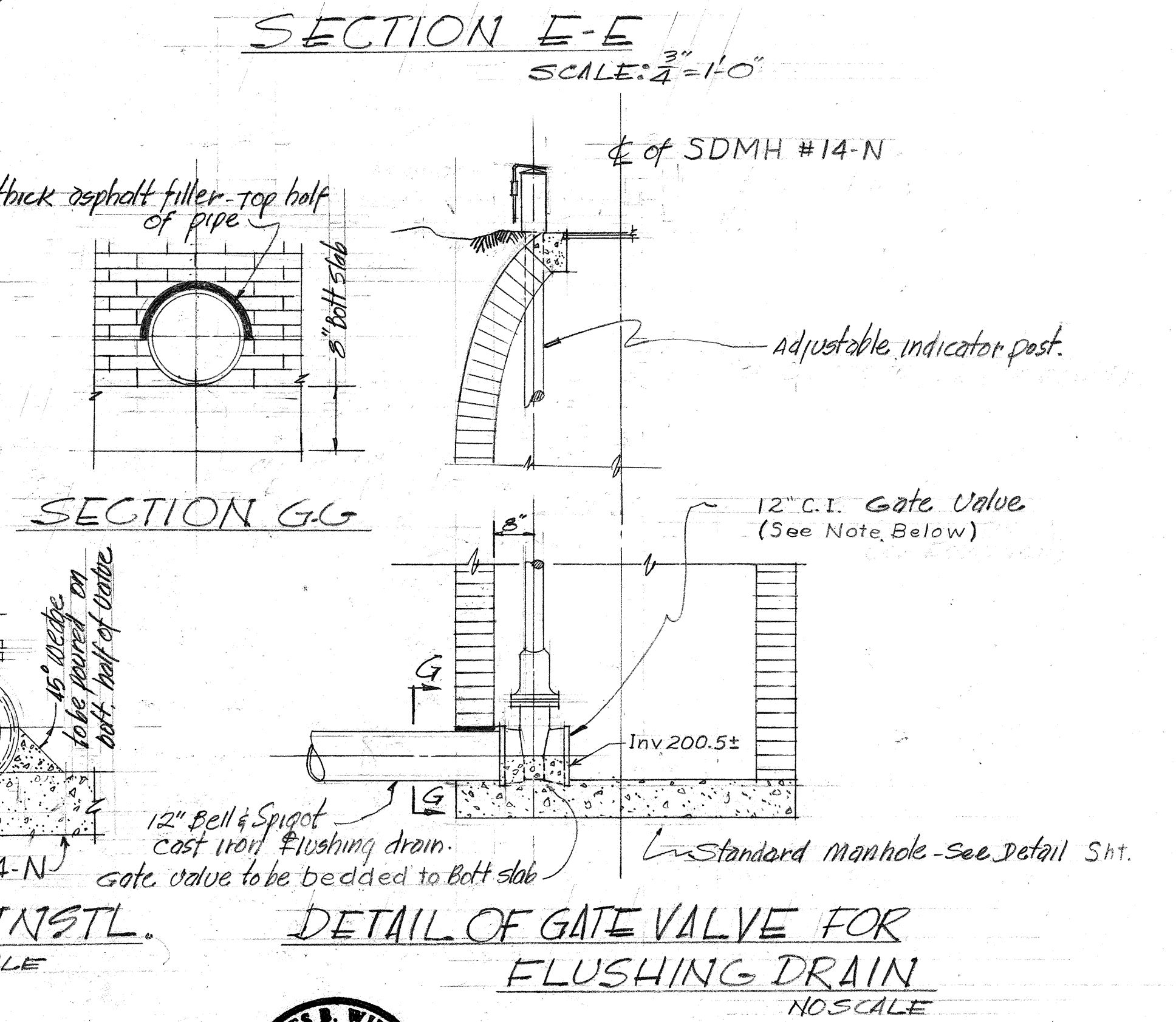
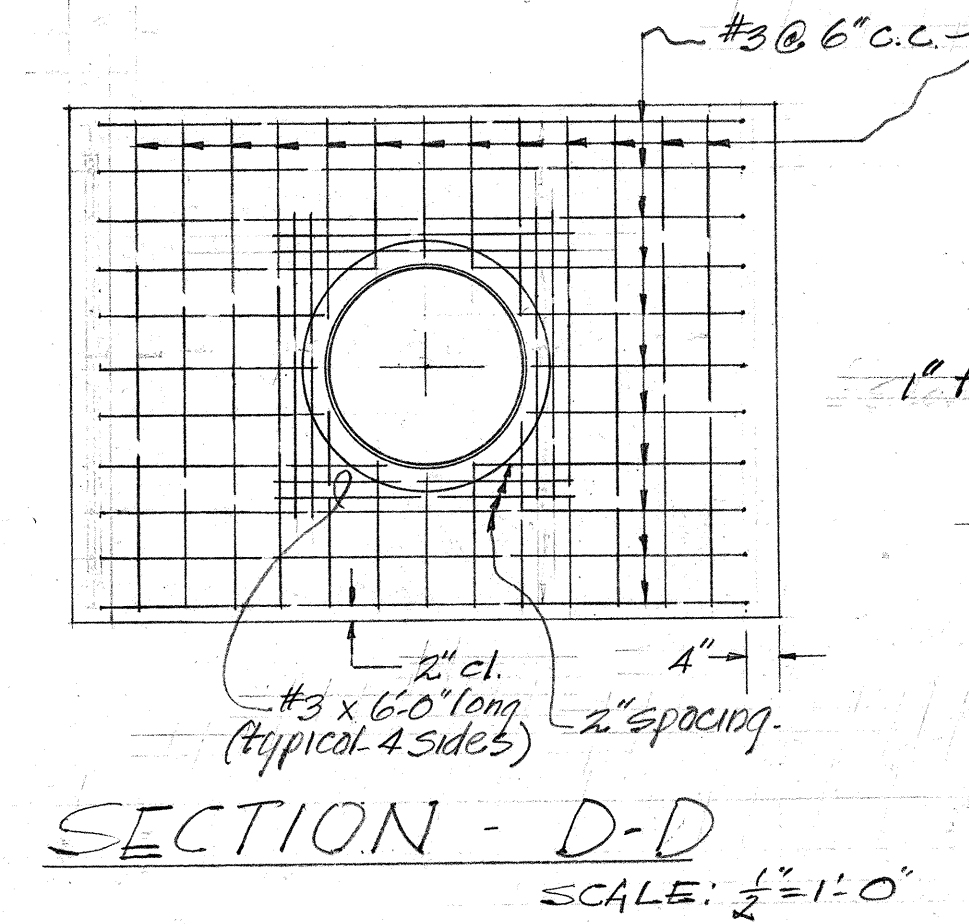
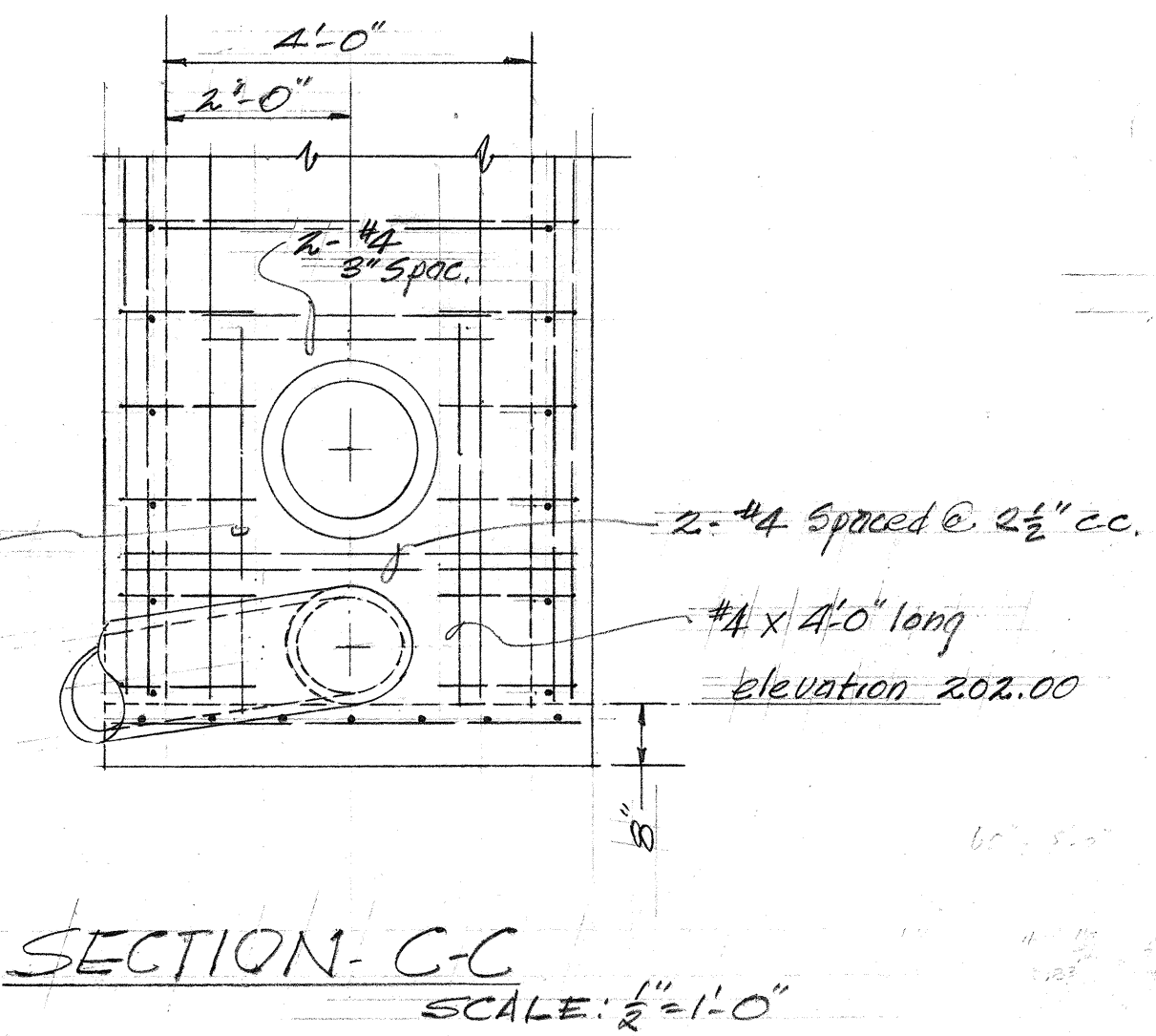
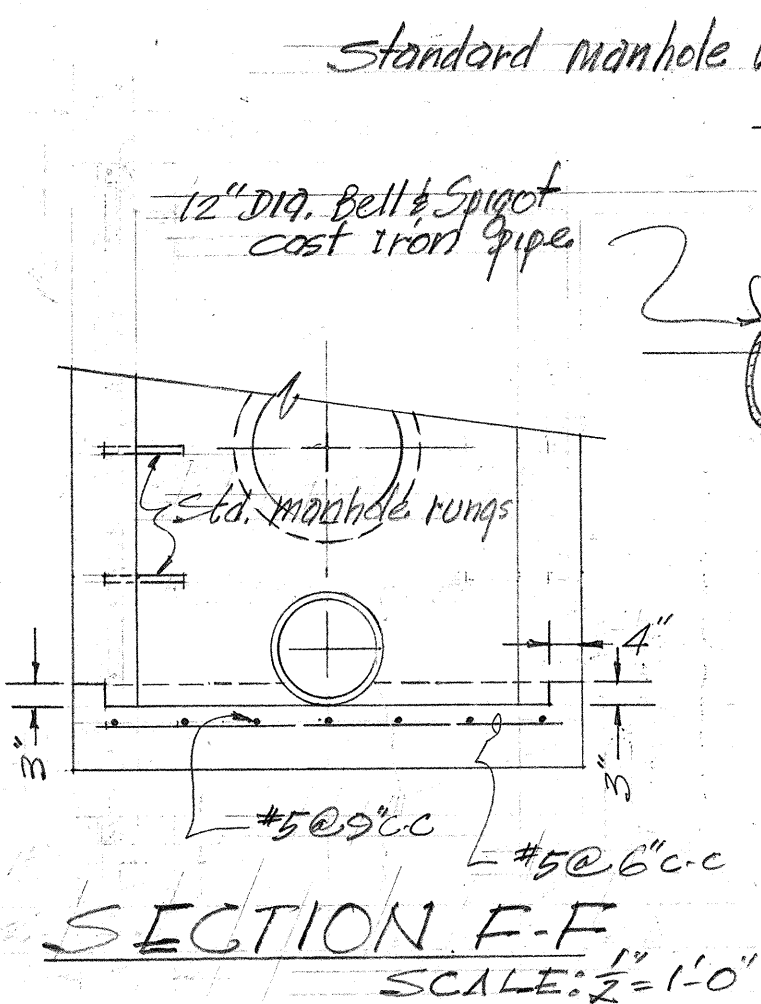
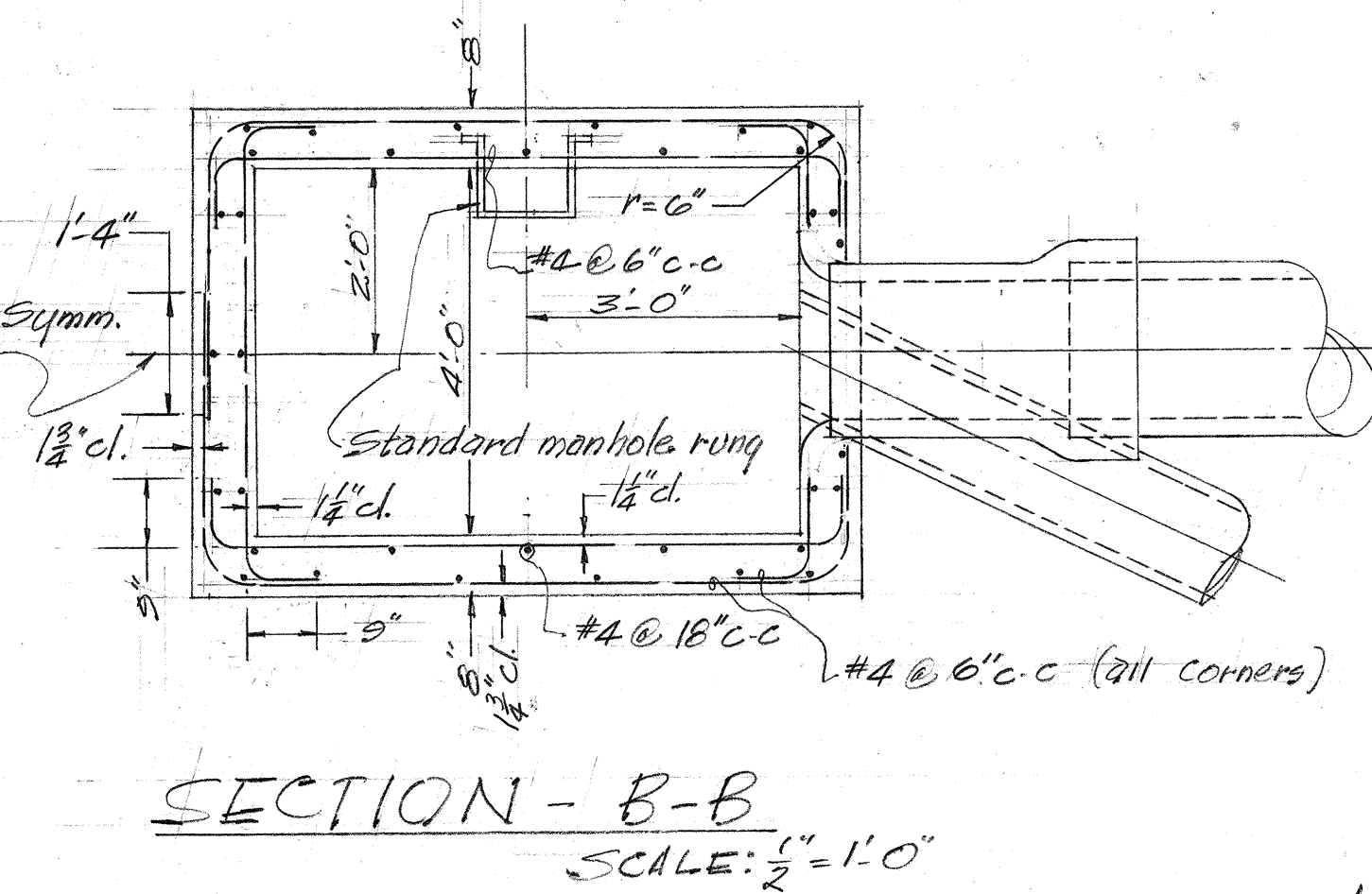
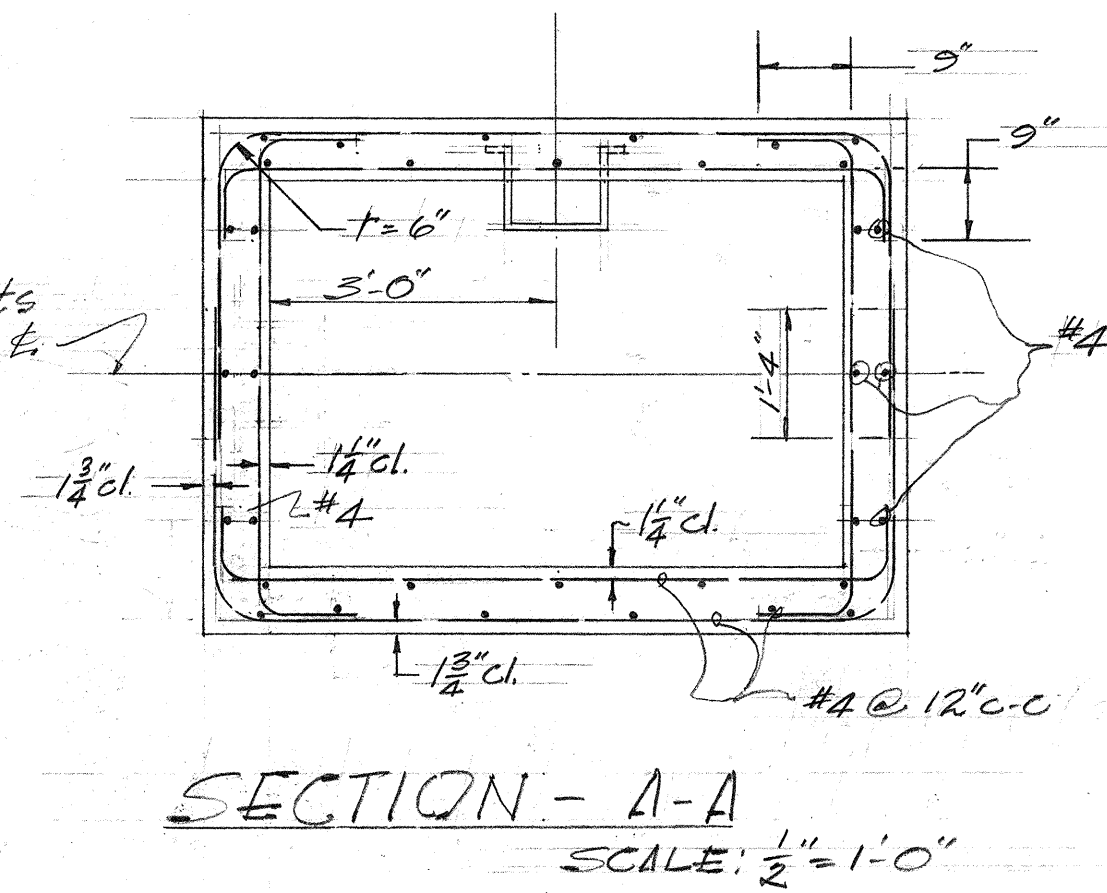
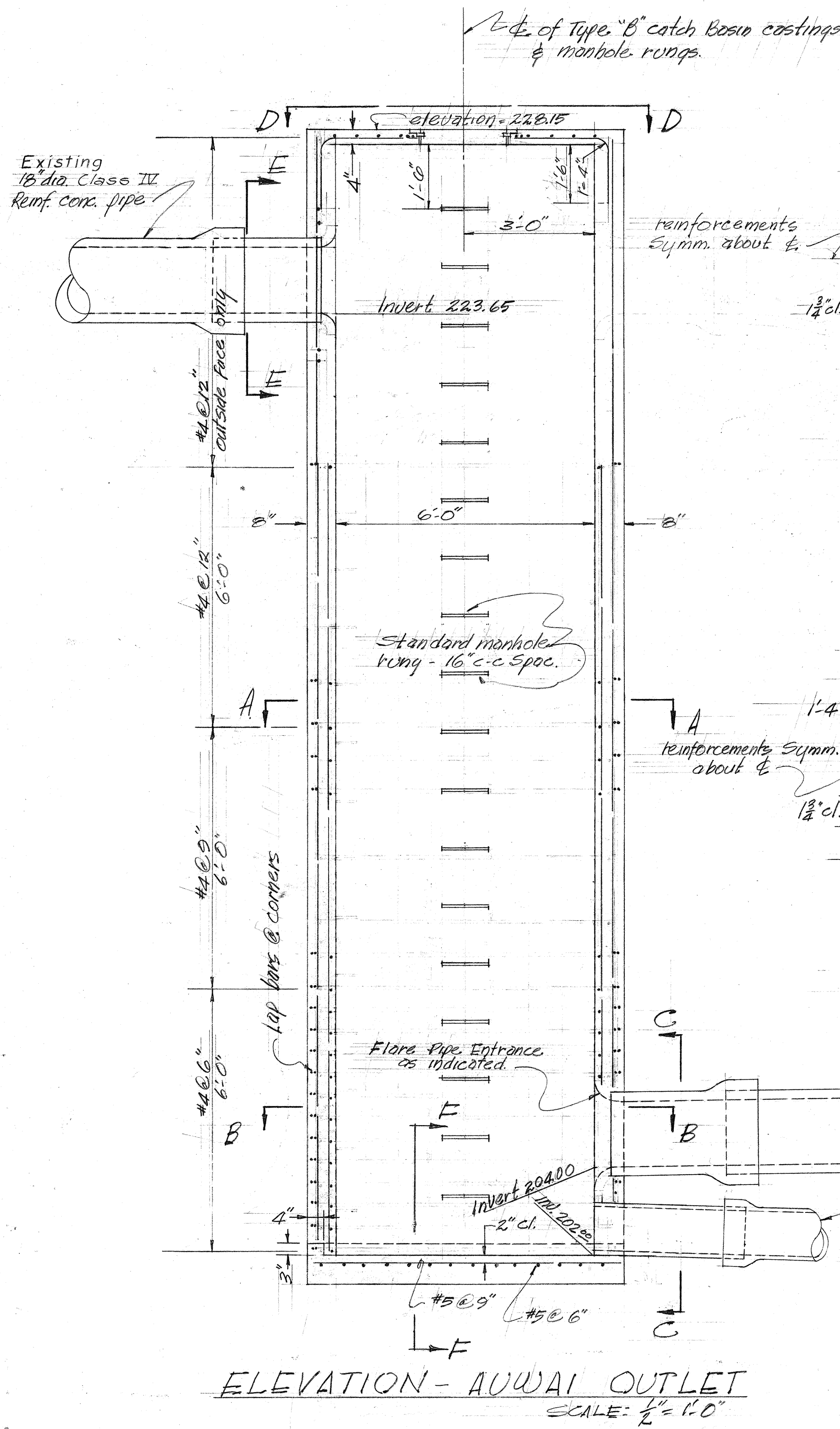
LAW & WILSON • TUDOR • TOWILL
ARCHITECTS • ENGINEERS • SURVEYORS
James B. Wilson
REGISTERED ENGINEER
DATE JUL 3 1957

HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII
PALI HIGHWAY
PROJECT NO. BU 06H(7) UNIT 5
RELOCATION OF ACTIVE AUWAI
STRUCTURAL DETAILS
SCALE: AS SHOWN SEPT. 1959

SHEET NO. 1 OF 2 SHEETS

B.S147.28

DATE	DESIGNED BY	TRACED BY	CHECKED BY



NOTE

12" Gate valve for flushing drain shall have cast-iron body, hub ends, bronze trim, non-rising stem and a minimum test pressure of 175 p.s.i. It shall be of a type adaptable to an adjustable Indicator post.



LAW & WILSON • TUDOR • TOWILL
ARCHITECTS • ENGINEERS • SURVEYORS
James B. Wilson
REGISTERED ENGINEER
DATE JUL 3 1957

HAWAII STATE HIGHWAY DEPARTMENT
STATE OF HAWAII
PALI HIGHWAY
PROJECT NO. BU061-1(7) UNIT 5
RELOCATION OF ACTIVE AUWAI
STRUCTURAL DETAILS
SCALE: AS SHOWN
SEPT. 1957