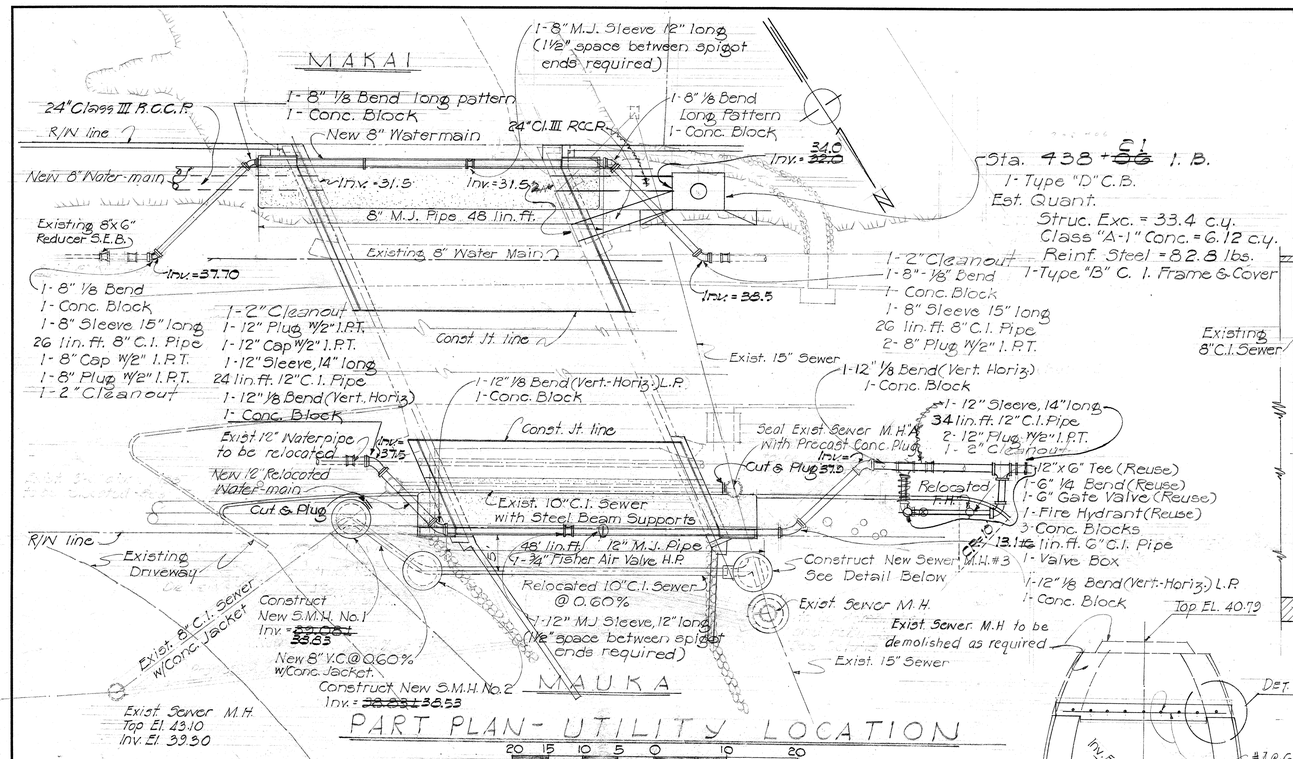
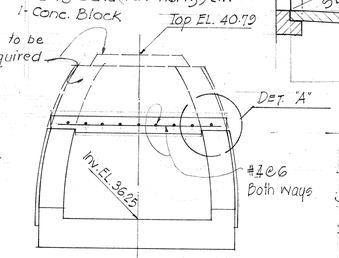
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-050-1(6)	1961	12	71



PART PLAN - UTILITY LOCATION

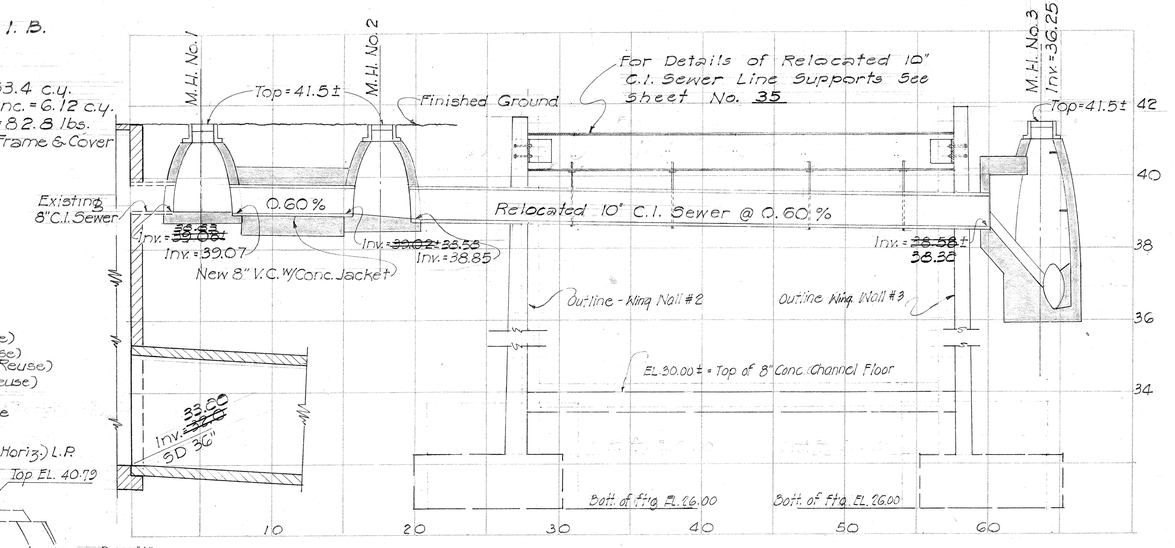
Scale in Feet

Sta. 438 + ~~50~~ 51 I. B.
1-Type "D" C.B.
Est. Quant.
Struc. Exc. = 33.4 c.y.
Class "A-1" Conc. = 6.12 c.y.
Reinf. Steel = 82.8 lbs.
1-Type "B" C. I. Frame & Cover

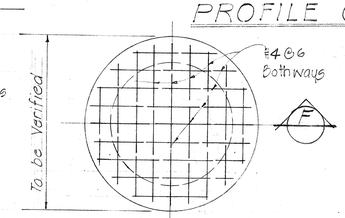


DETAIL OF SEALING EXIST'G. SEWER M. H. "A"

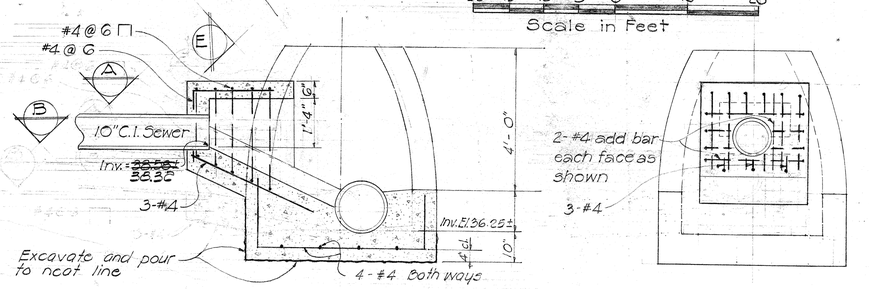
Sta. 437 + ~~12~~ 37 O. B.
1-Type "DG" C.B. w/Type "A" Grating
Est. Quant. (Modified)
Struc. Exc. = 47.8 c.y.
Class "A-1" Conc. = 7.1 c.y.
Reinf. Steel = 50.1 lbs.



PROFILE OF RELOCATED SEWER LINE



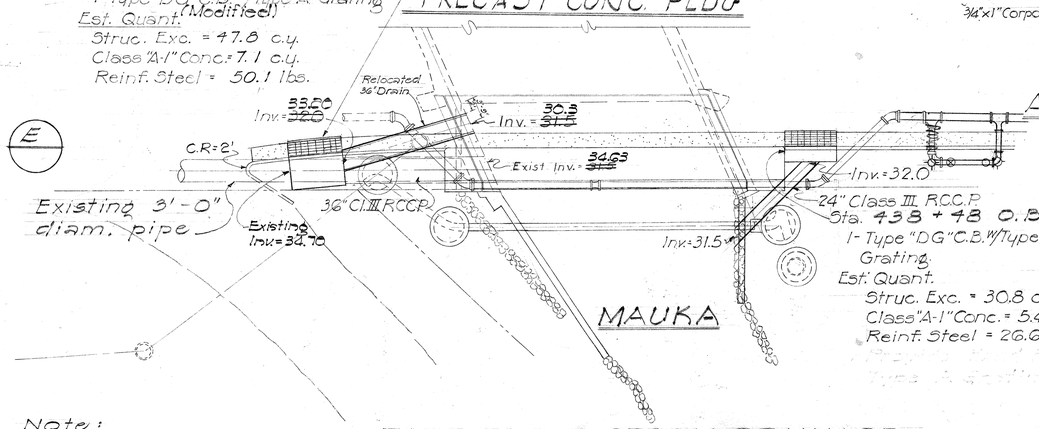
PRECAST CONC. PLUG



SEWER MANHOLE ELEVATION

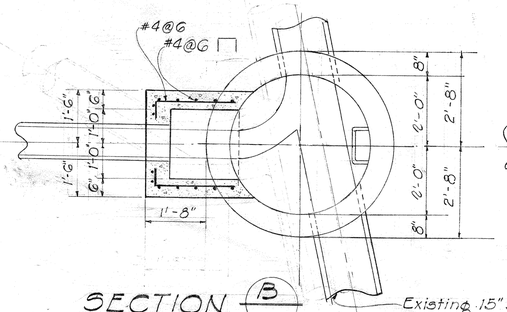
DETAIL "A"

AIR ELIMINATING VALVE DETAIL

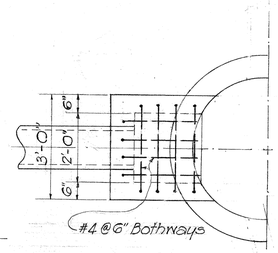


PART PLAN - STORM DRAINAGE

Scale in Feet



SECTION B



Existing 15" Sewer

SECTION A

DETAIL OF SEWER MANHOLE NO. 3

Scale in Feet

Note:
1. Contractor shall have the option of constructing a Standard shallow drop Manhole in lieu of Manhole No. 3 as shown here.
2. Additional Details of Utility Adjustments shown on Shts. No. 35 & 36.
3. Storm Drainage Data shown on Sht. No. 5.

APPROVED: ASS'T. CHIEF ENGINEER, BWS — DATE May 25, 1961

APPROVED: ENGINEER, DIVISION OF SEWERS — DATE 5/25/61

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STATE OF HAWAII

SEWER, WATER & STORMDRAIN RELOCATION AT PEARL CITY BRIDGES

Scale: As Noted — MAY 1961

SHEET No. OF SHEETS

12

ORIGINAL PLAN		DATE
	SURVEY PLOTTED BY	
	DRAWN BY	
	TRACED BY	
	NOTE BOOK	QUANTITIES BY
		QUANTITIES CHECKED BY
	No.	CHECKED BY

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