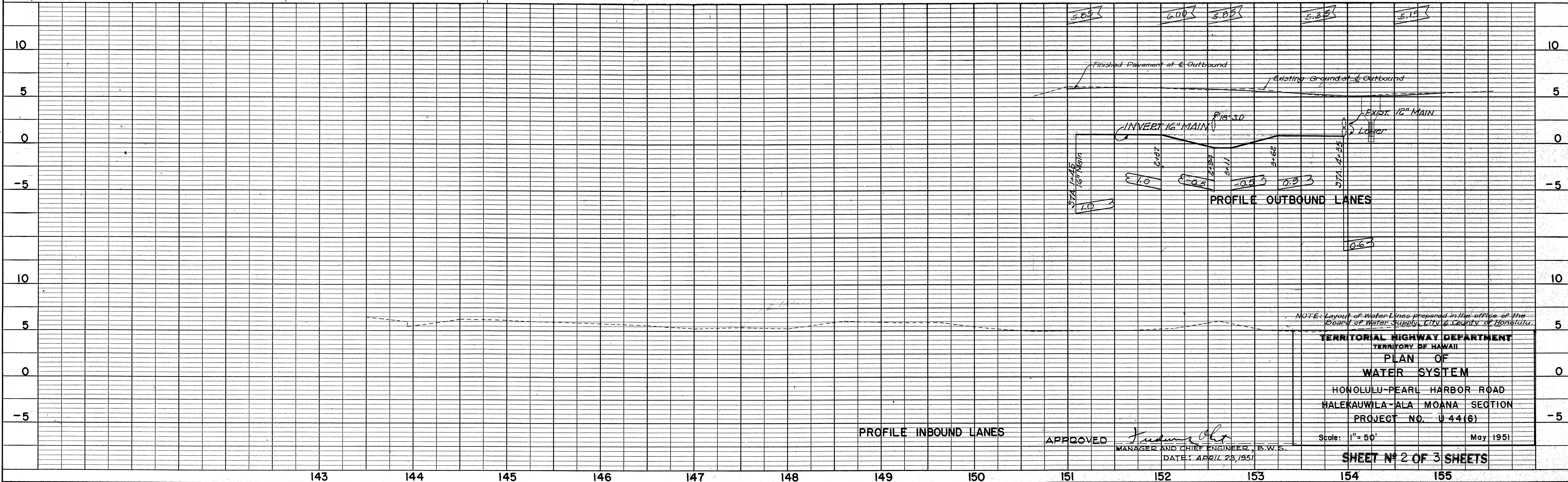
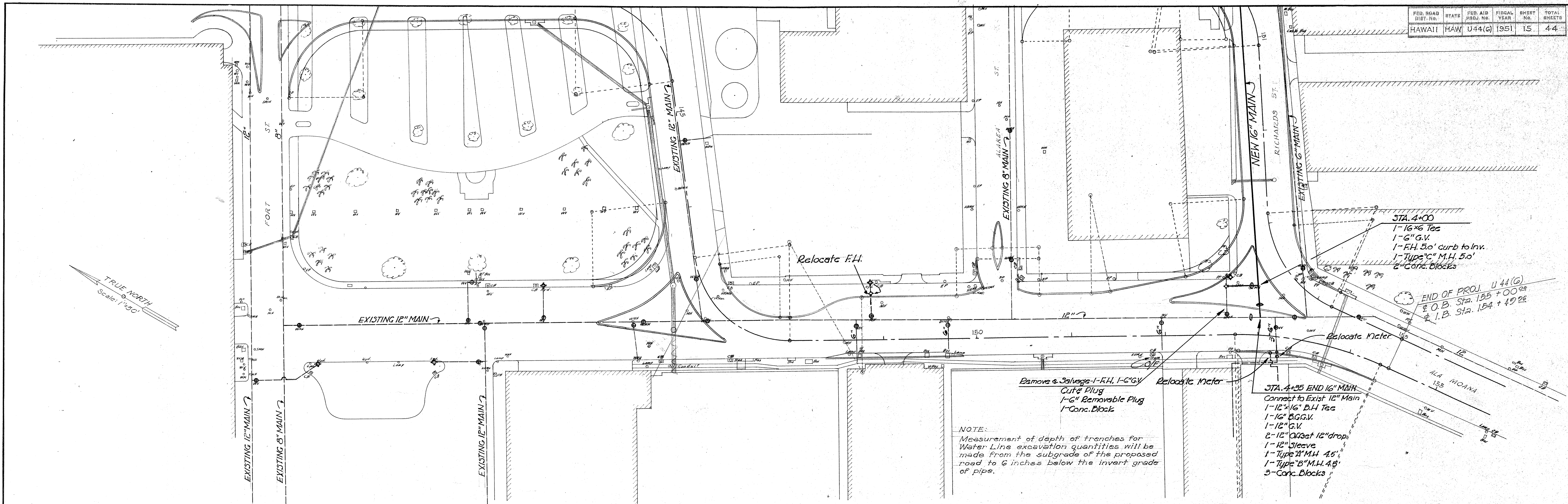
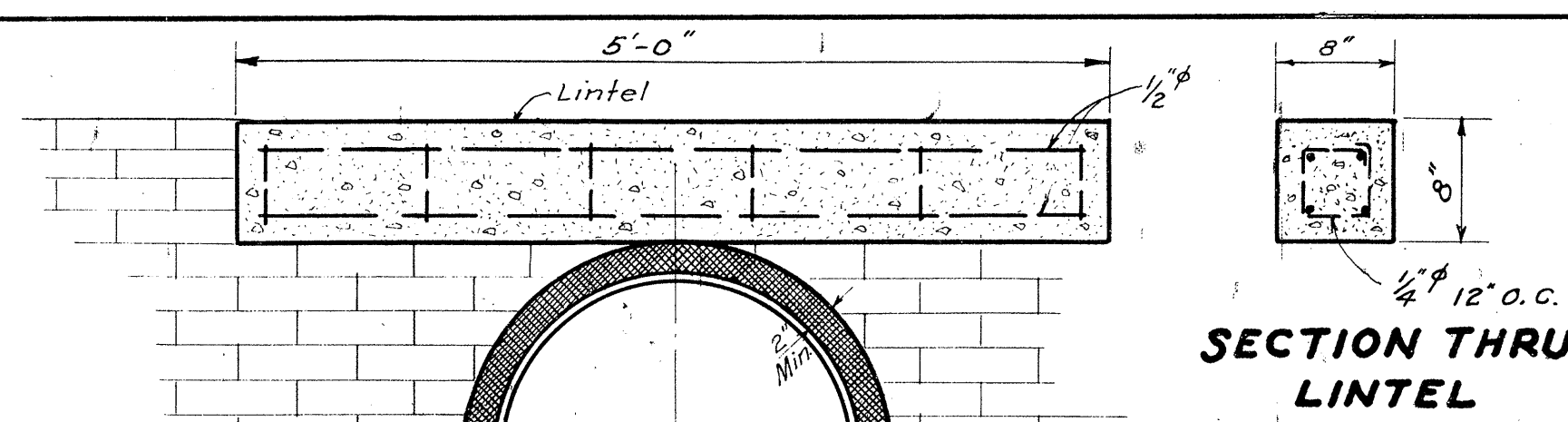


PLAN	DATE
SURVEYED	BY
NOTE BOOK	ALIGNED CHECKED
NO.	RT. OF WAY CHECKED

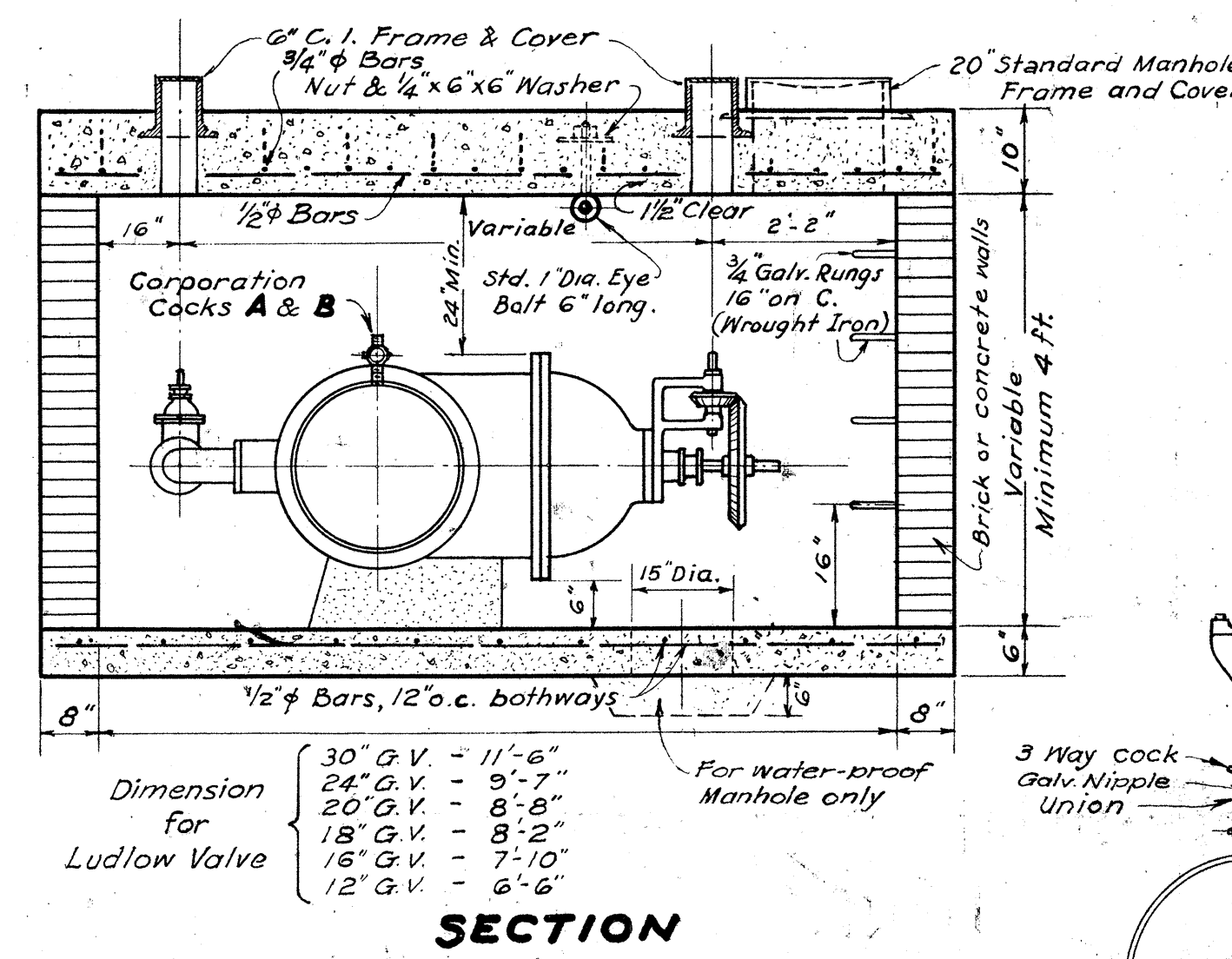
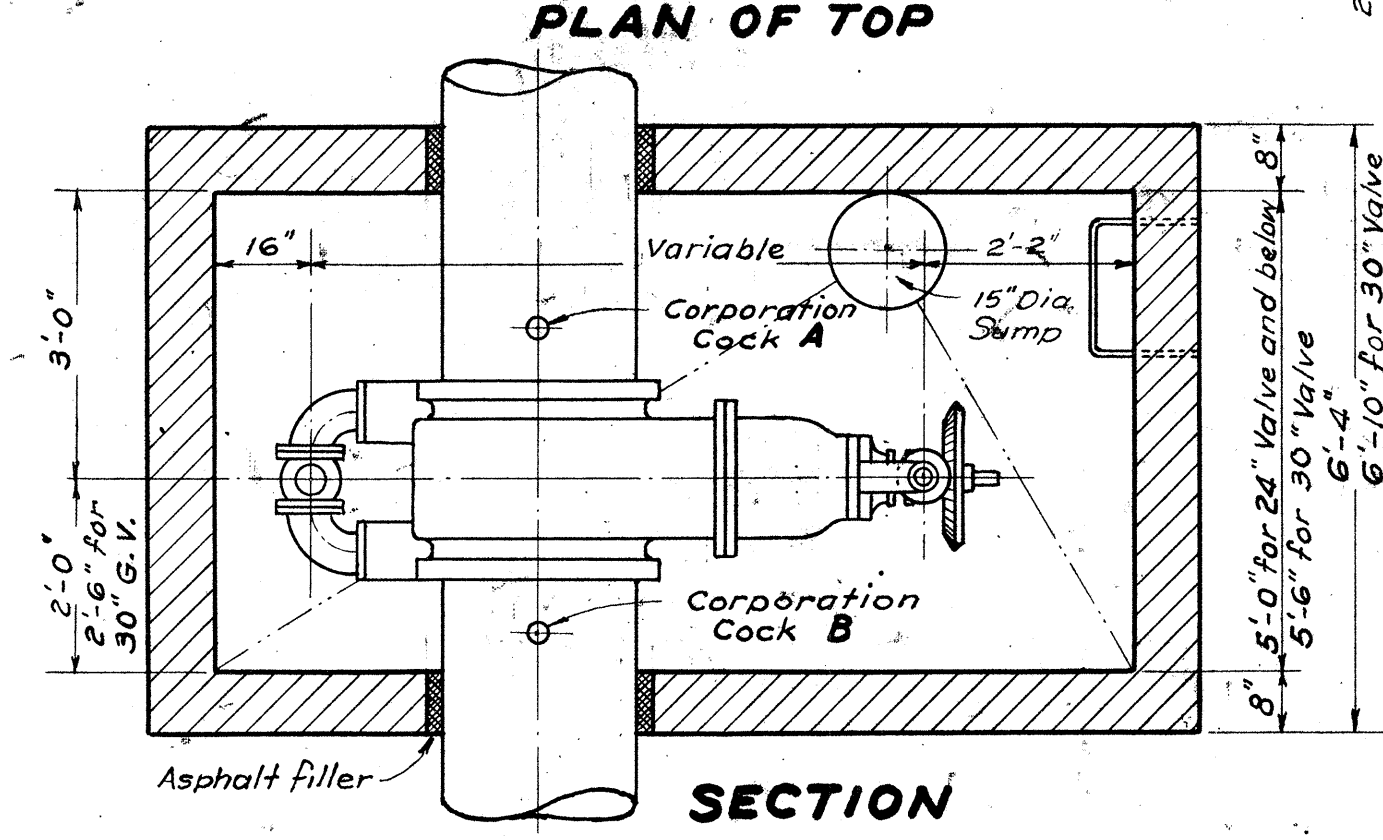
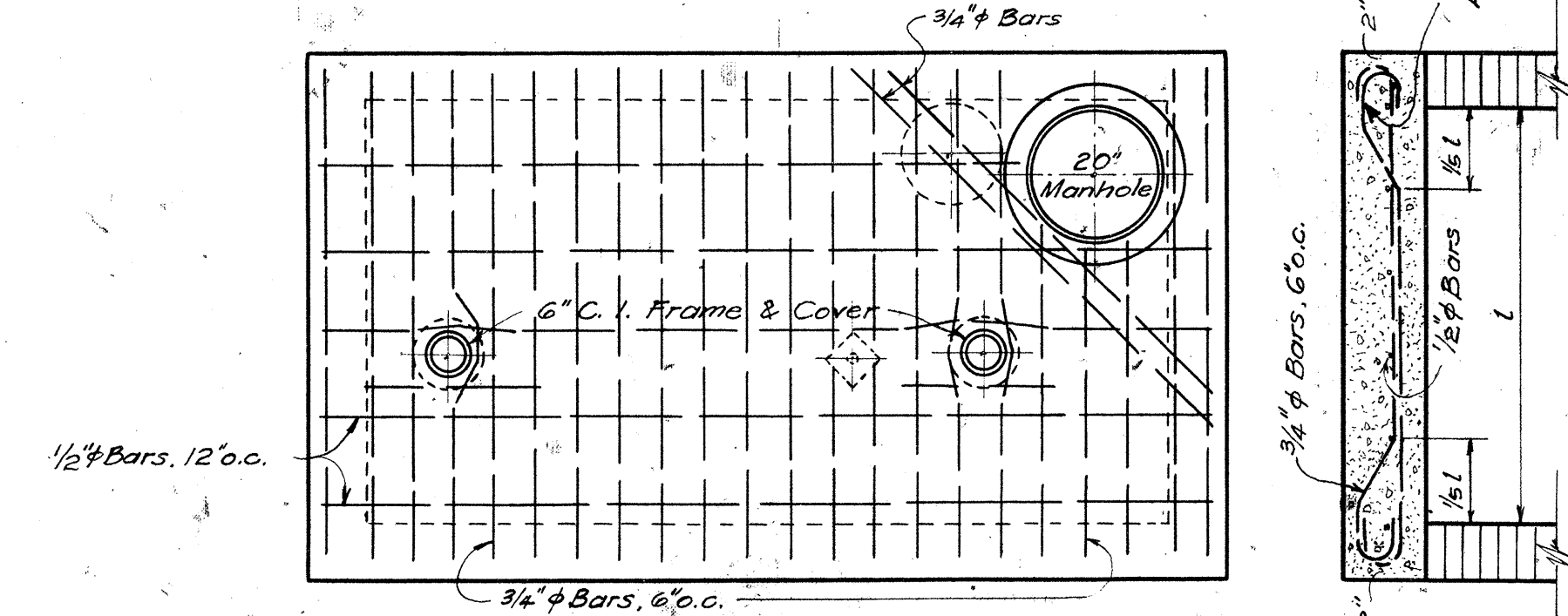
PROFILE	DATE
SURVEYED	BY
NOTE BOOK	GRADES CHECKED
NO.	B. M. 2 NOTED
	STRUCTURE NOTATIONS CHNG.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	U 44(6)	1951	15	44

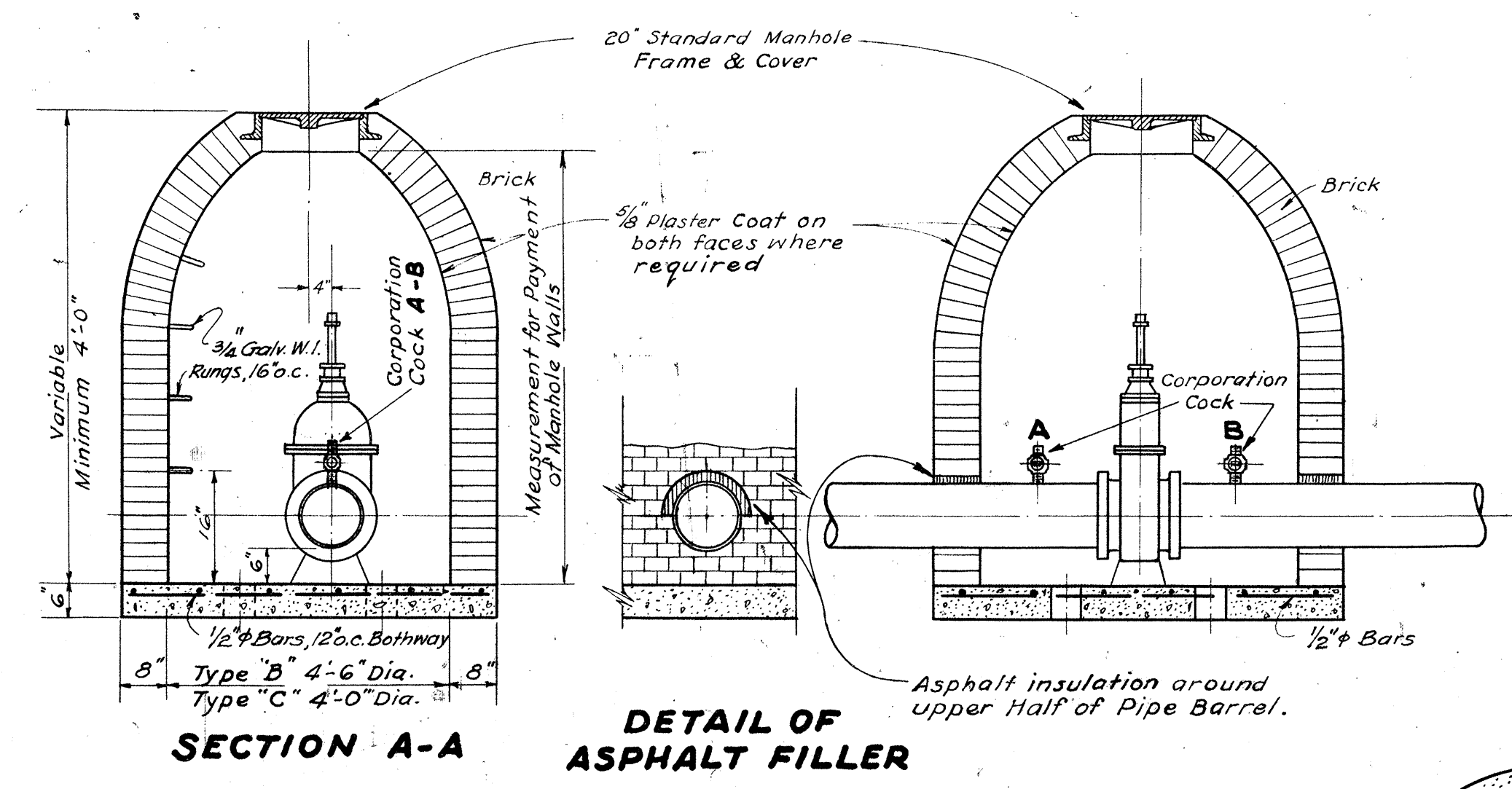




DETAIL OF LINTEL & ASPHALT FILLER
Scale: 1" = 1'-0"



TYPE "A" MANHOLE FOR BEVEL GEARED GATE VALVES
Scale: 1/2" = 1'-0"

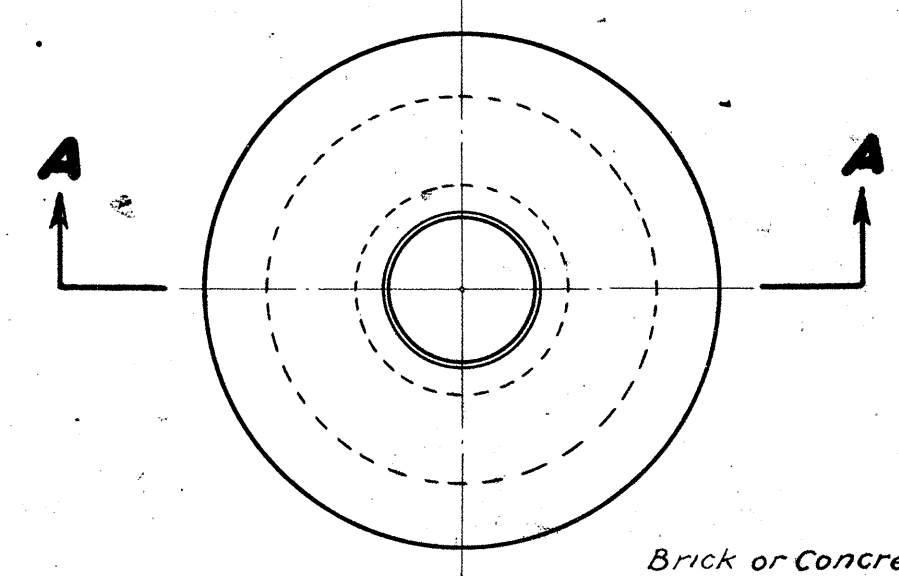


DETAIL OF ASPHALT FILLER

TABLE "A" REQUIRED CORPORATION COCK SIZES

DIA. OF MAIN INCHES	INLET SIZE CORR COCK	
	A	B
6	1"	1"
8	1"	1"
12	1"	1"
16	1"	1"
20	1"	1"
24	1 1/2"	1"
36	1 1/2"	1"
42	1 1/2"	1"

STEEL DETAIL IN BOTTOM SLAB

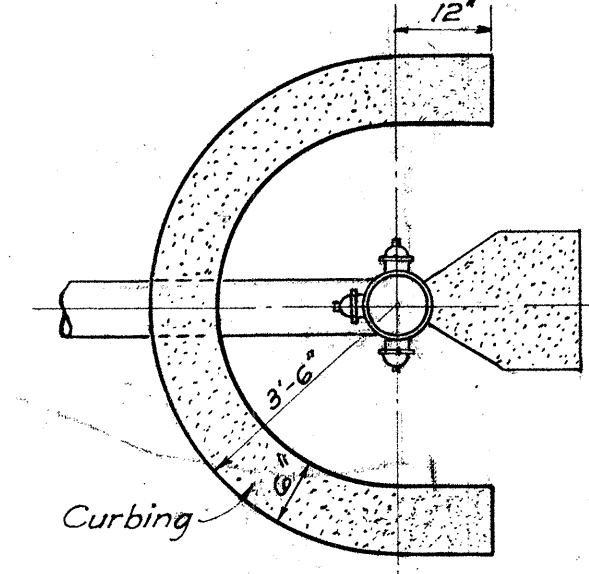


PLAN TYPES "B" AND "C" MANHOLES
TYPE "B" 4'-6" DIA. (For 12" Valve)
TYPE "C" 4'-0" DIA. (For 6" & 8" Valves)
Scale: 1/2" = 1'-0"

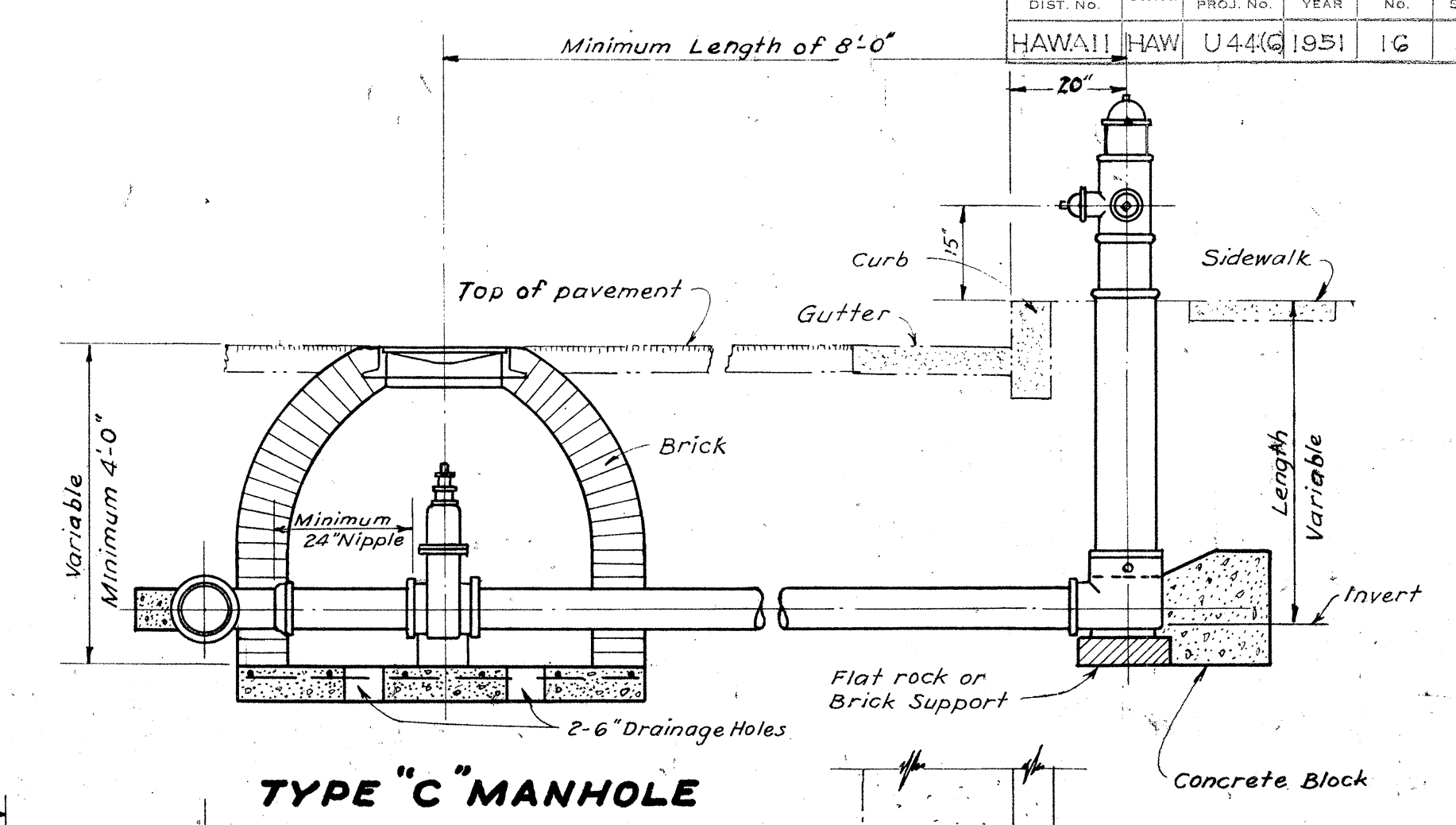
DETAIL OF RUNG
Scale: 1/2" = 1'-0"

SCHEDULE OF FITTINGS

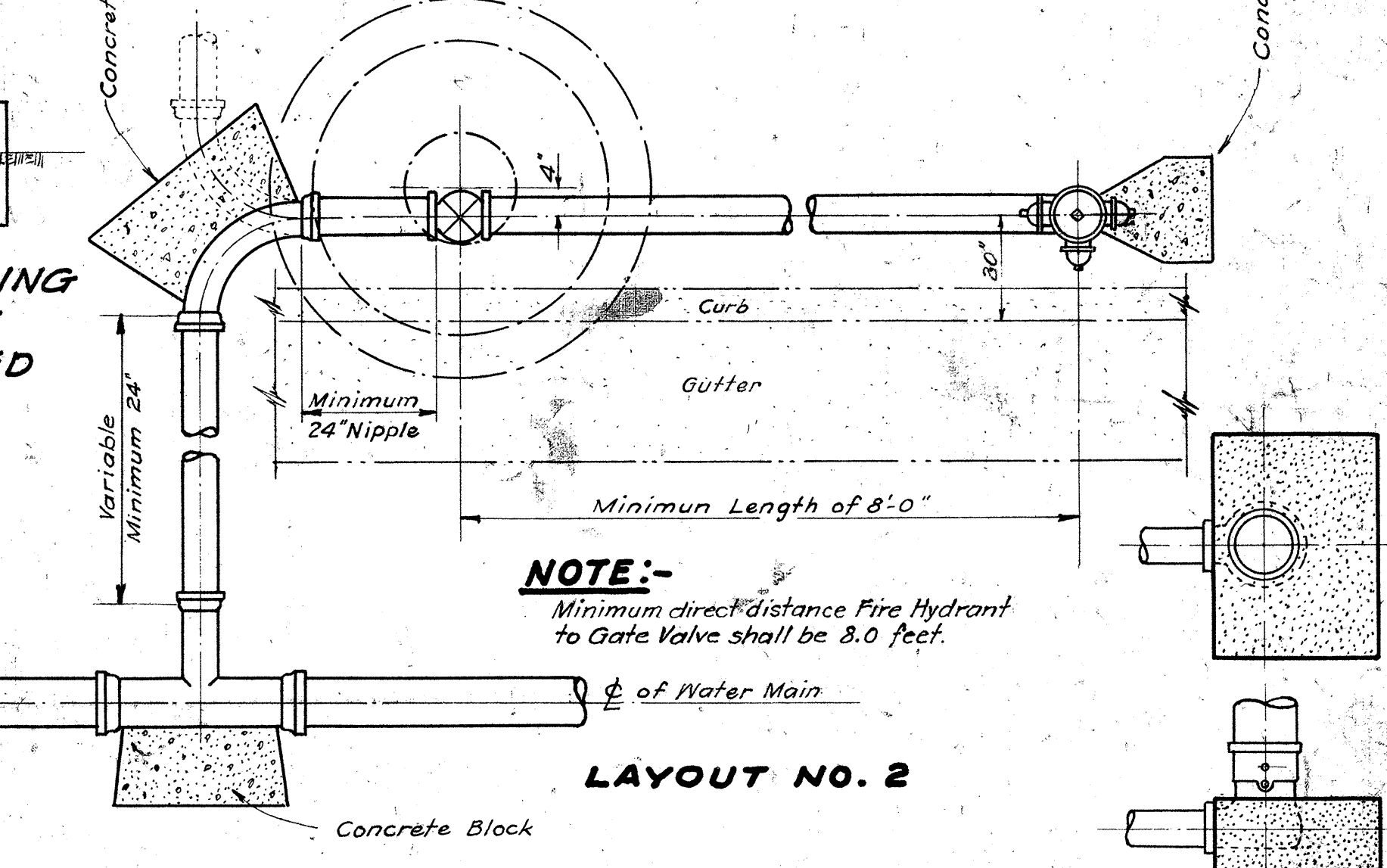
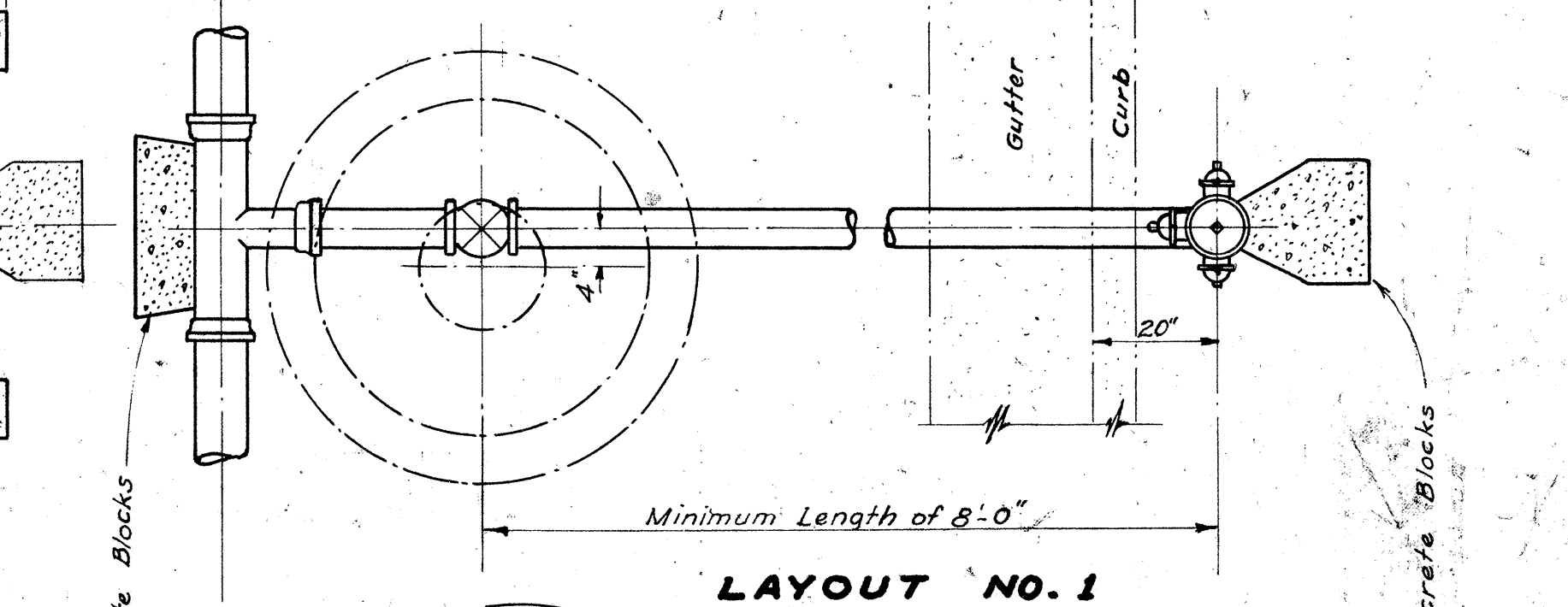
- 1- Corporation Cock
- 1- Union
- 3- Street Elbows
- 1- 90° Elbow
- 1- Stop Cock
- 1- Tee
- 2- Plugs
- 1- Nipple



DETAIL OF CURBING AT HYDRANT WHERE REQUIRED



TYPE "C" MANHOLE

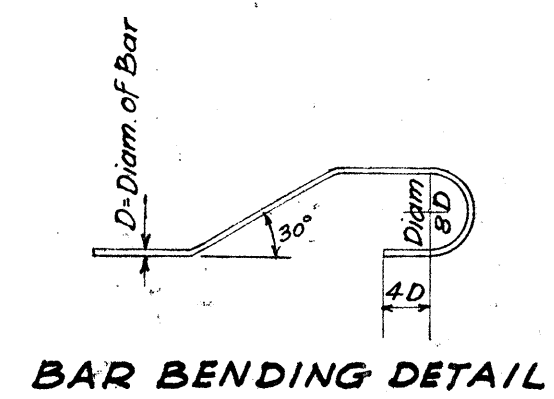


NOTE:-
Minimum direct distance Fire Hydrant to Gate Valve shall be 8.0 feet.

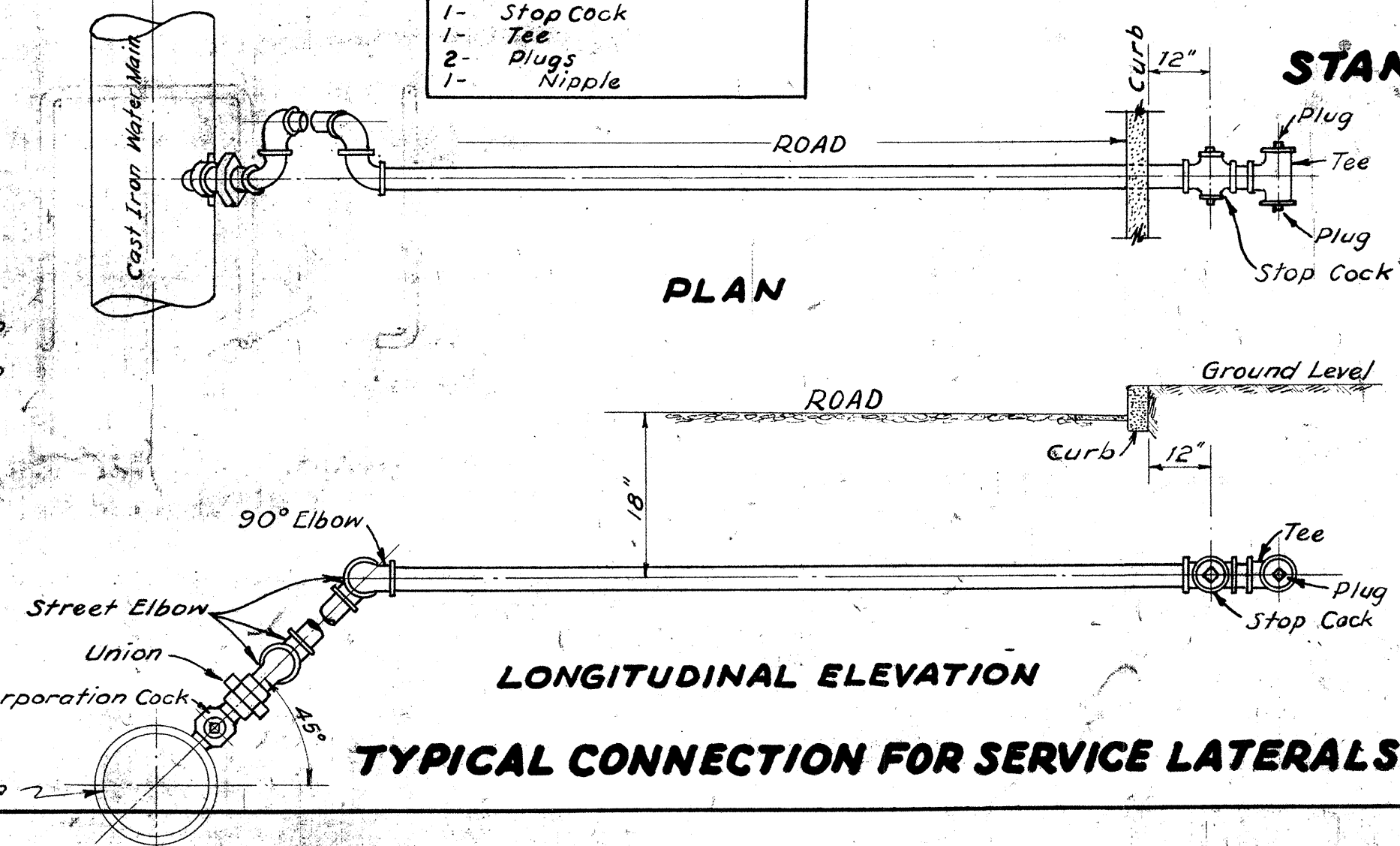
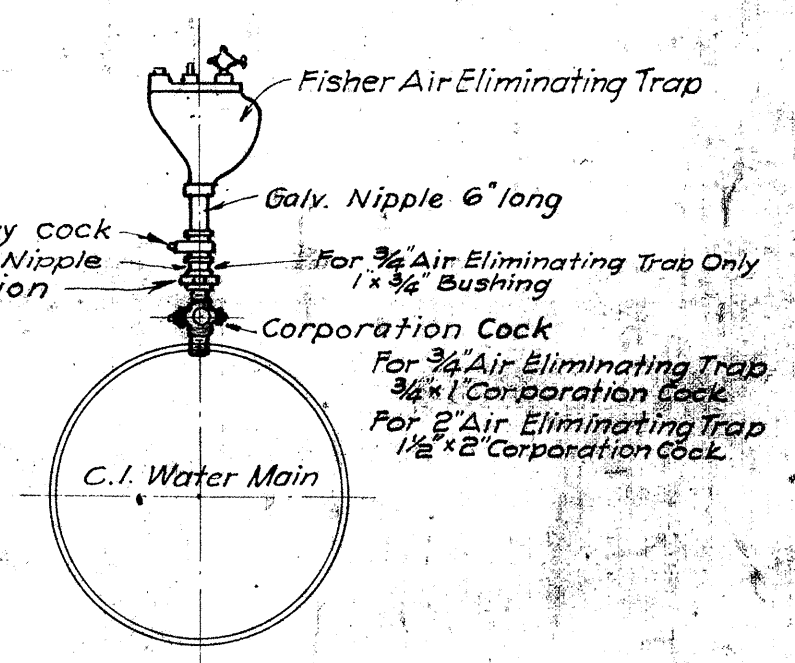
CONCRETE BLOCK FOR MATHEWS HYDRANT ONLY

STANDARD FIRE HYDRANT LAYOUT
Scale: 1/2" = 1'-0"

NOTE: These details were prepared in the office of the Board of Water Supply, City & County of Honolulu.



DETAIL OF CONNECTION FOR FISHER AIR ELIMINATING TRAP



LONGITUDINAL ELEVATION

TYPICAL CONNECTION FOR SERVICE LATERALS

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
BOARD OF WATER SUPPLY
STANDARD DETAILS
HONOLULU - PEARL HARBOR ROAD
HALEKAUWILA - ALA MOANA SECTION
PROJECT NO. U 44(6)
Scale: As Shown
May 1951

SHEET NO. 3 OF 3 SHEETS

5505.16