

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F59(4)	1952	17	56

BEG OF PROJ NO F 59(4)
ALEXANDER ST. TO ISENBERG ST.

NOTE:

Board of Water Supply shall construct and shall bear all costs of installation of New Water Meter Boxes

LEGEND

- Existing Water Main - Size Noted
- Existing Water Line to Consumer
- Existing Water Manhole
- Existing Fire Hydrant
- New Water Line - Size Noted
- New Fire Hydrant
- New Lateral - Size Noted

NOTES:

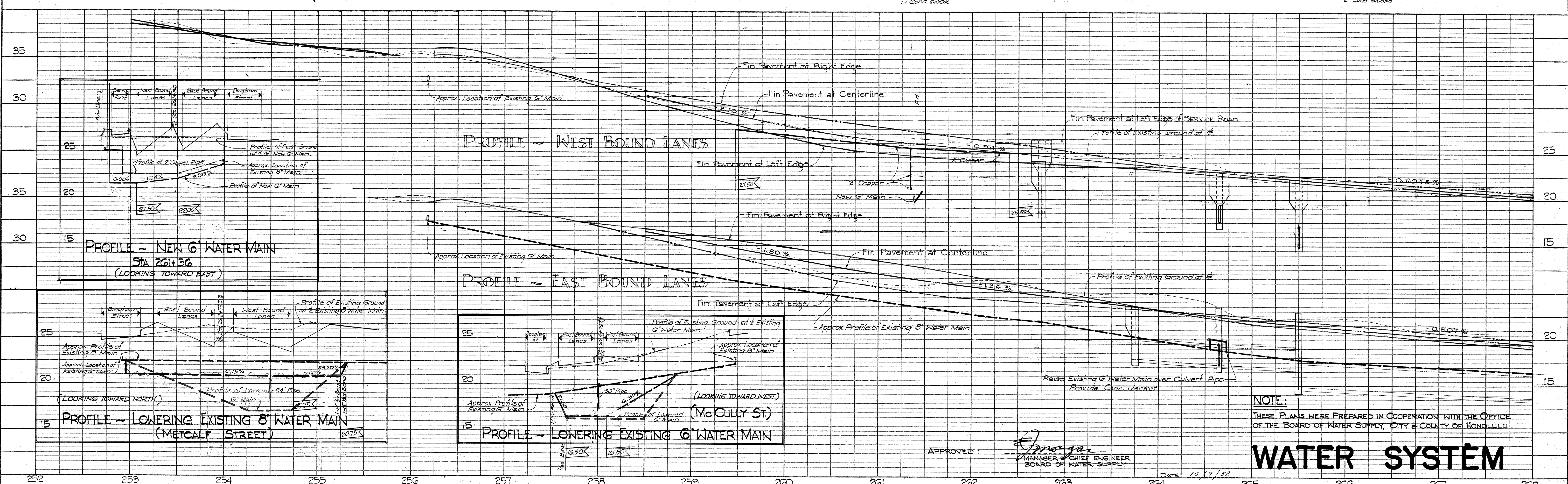
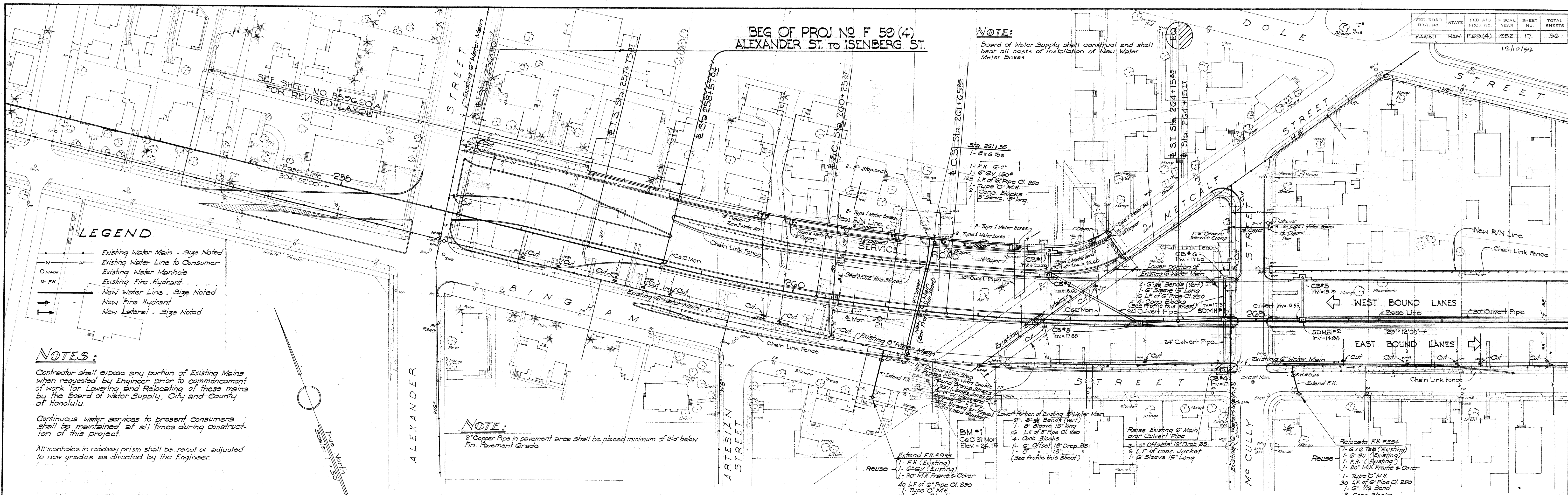
Contractor shall expose any portion of Existing Mains when requested by Engineer prior to commencement of work for Lowering and Relocating of these mains by the Board of Water Supply, City and County of Honolulu.

Continuous water services to present consumers shall be maintained at all times during construction of this project.

All manholes in roadway prism shall be reset or adjusted to new grades as directed by the Engineer.

NOTE:

2" Copper Pipe in pavement area shall be placed minimum of 2'-0" below Fin. Pavement Grade

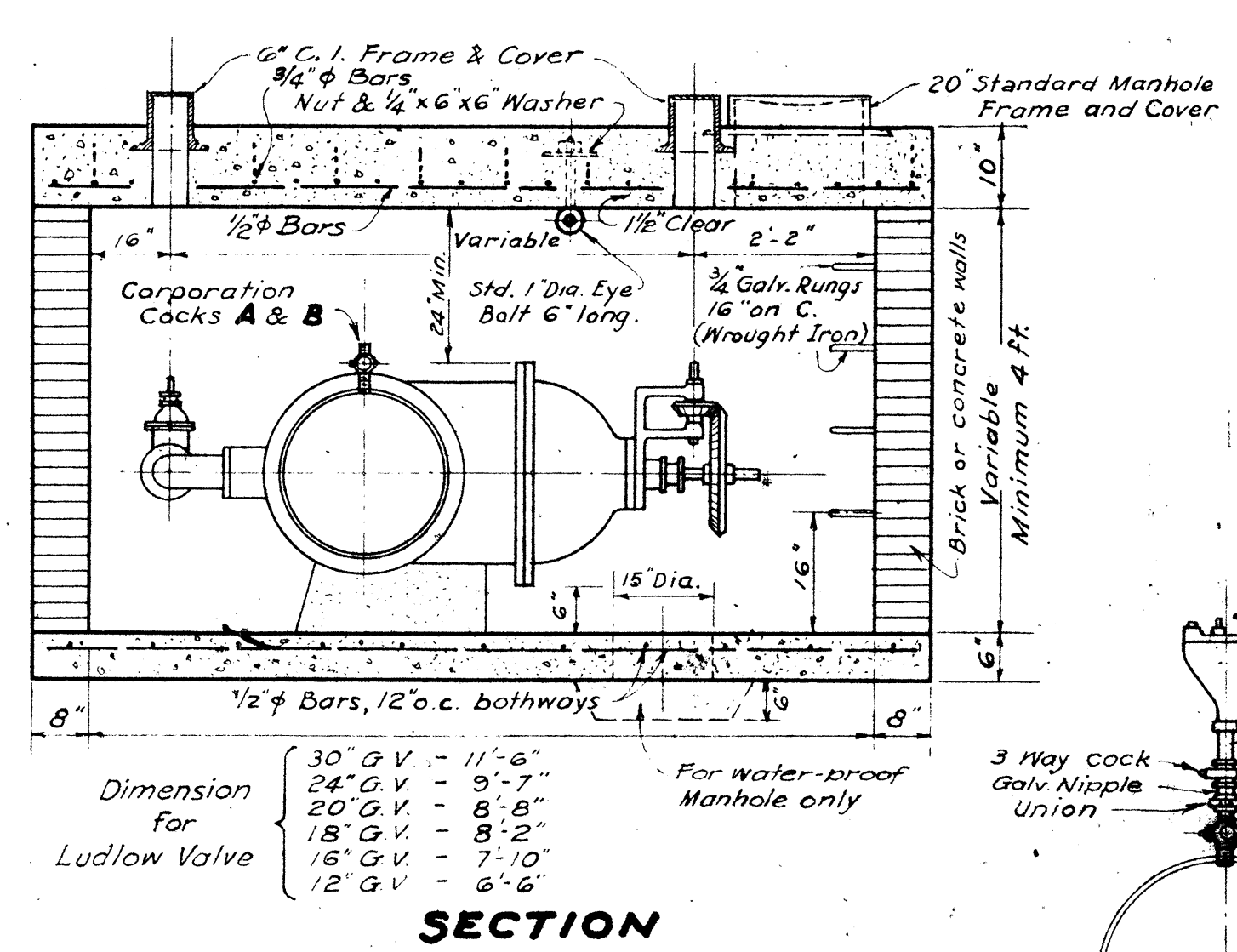
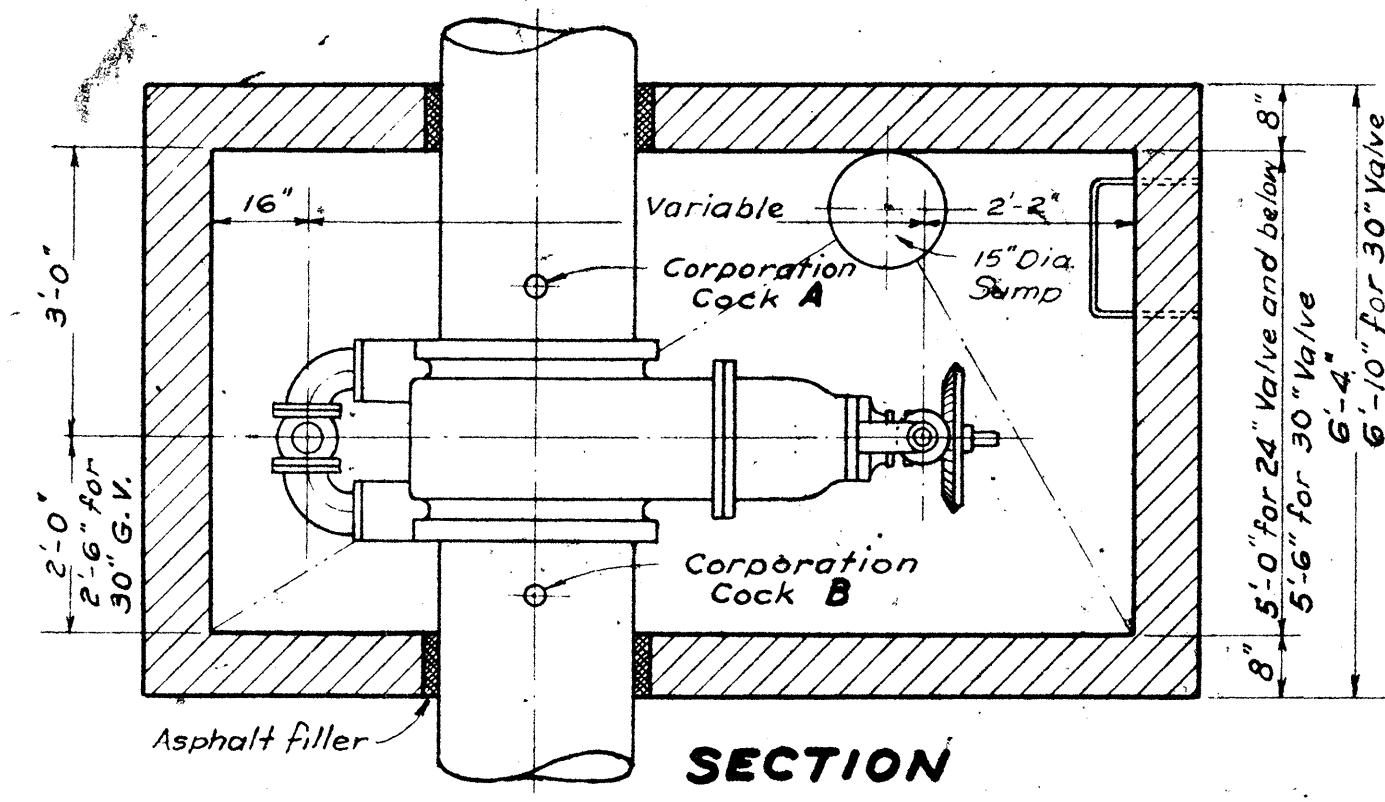
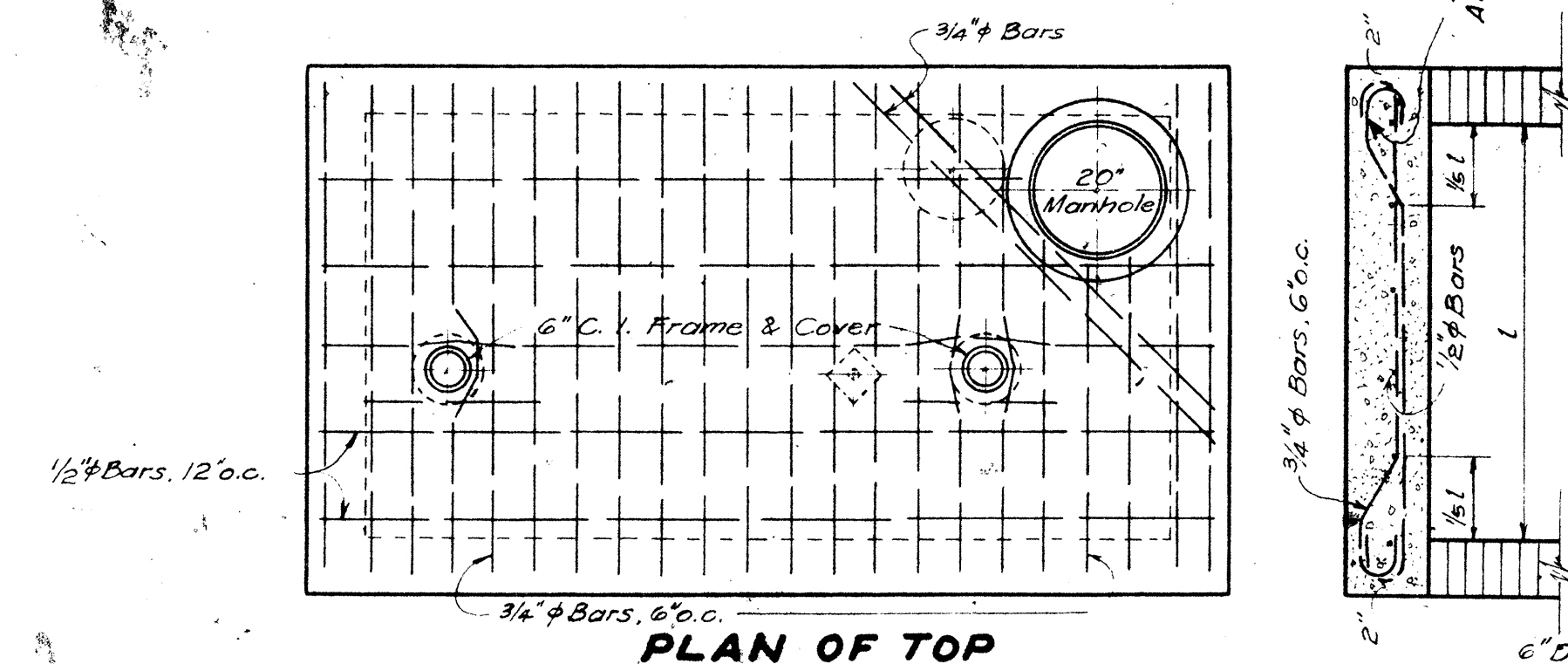
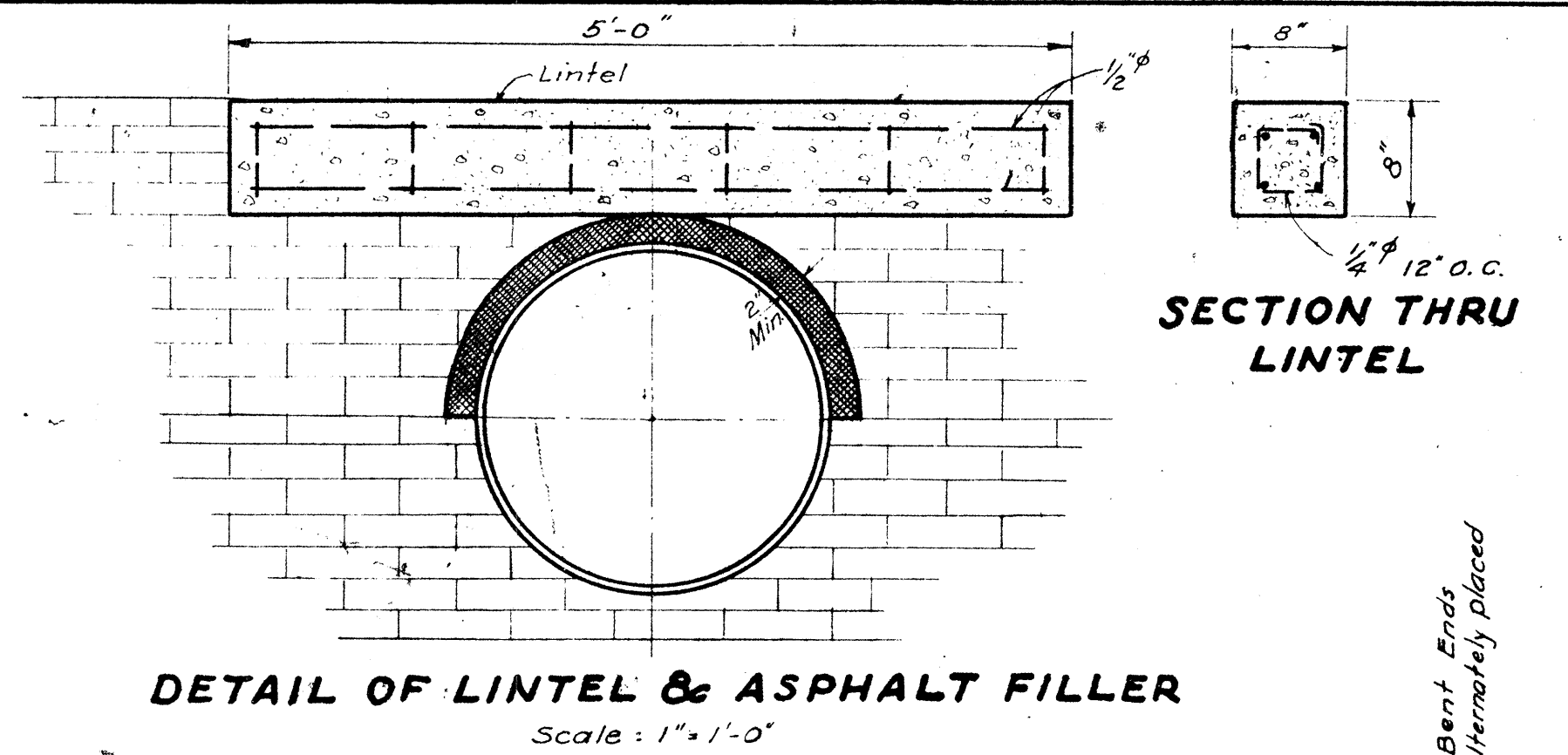


NOTE:

THESE PLANS WERE PREPARED IN COOPERATION WITH THE OFFICE OF THE BOARD OF WATER SUPPLY, CITY & COUNTY OF HONOLULU.

WATER SYSTEM

5596.17



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

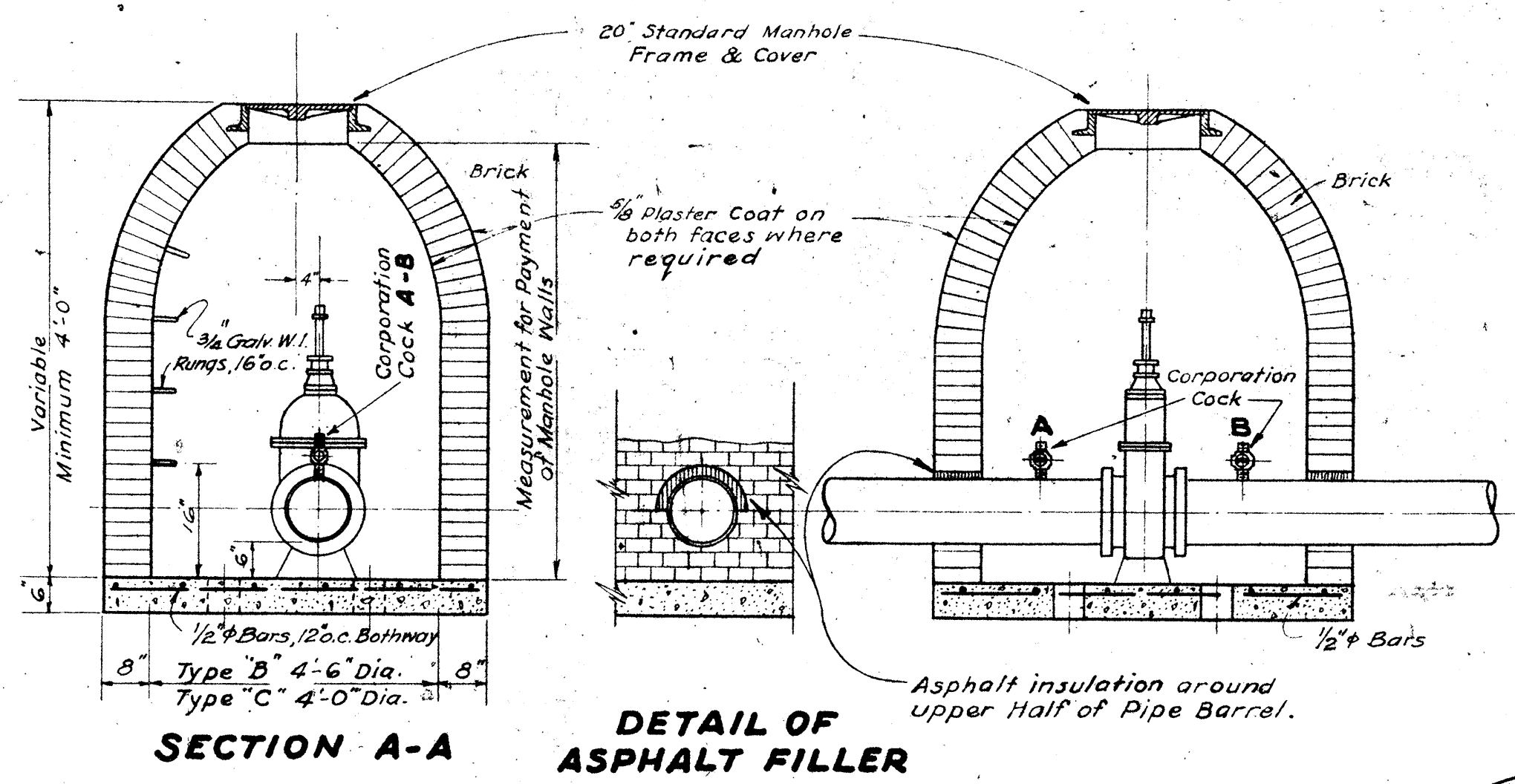
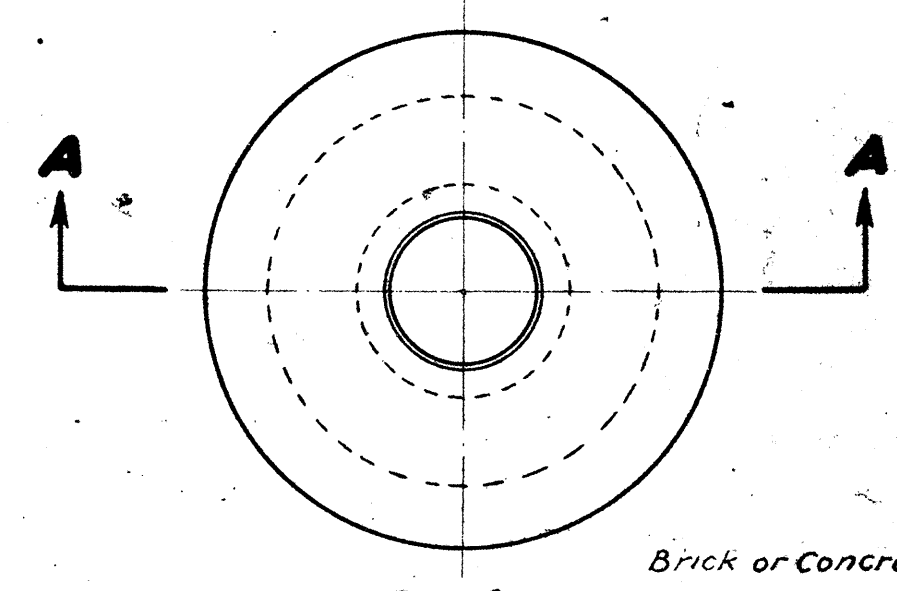


TABLE "A"
REQUIRED CORPORATION COCK SIZES

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

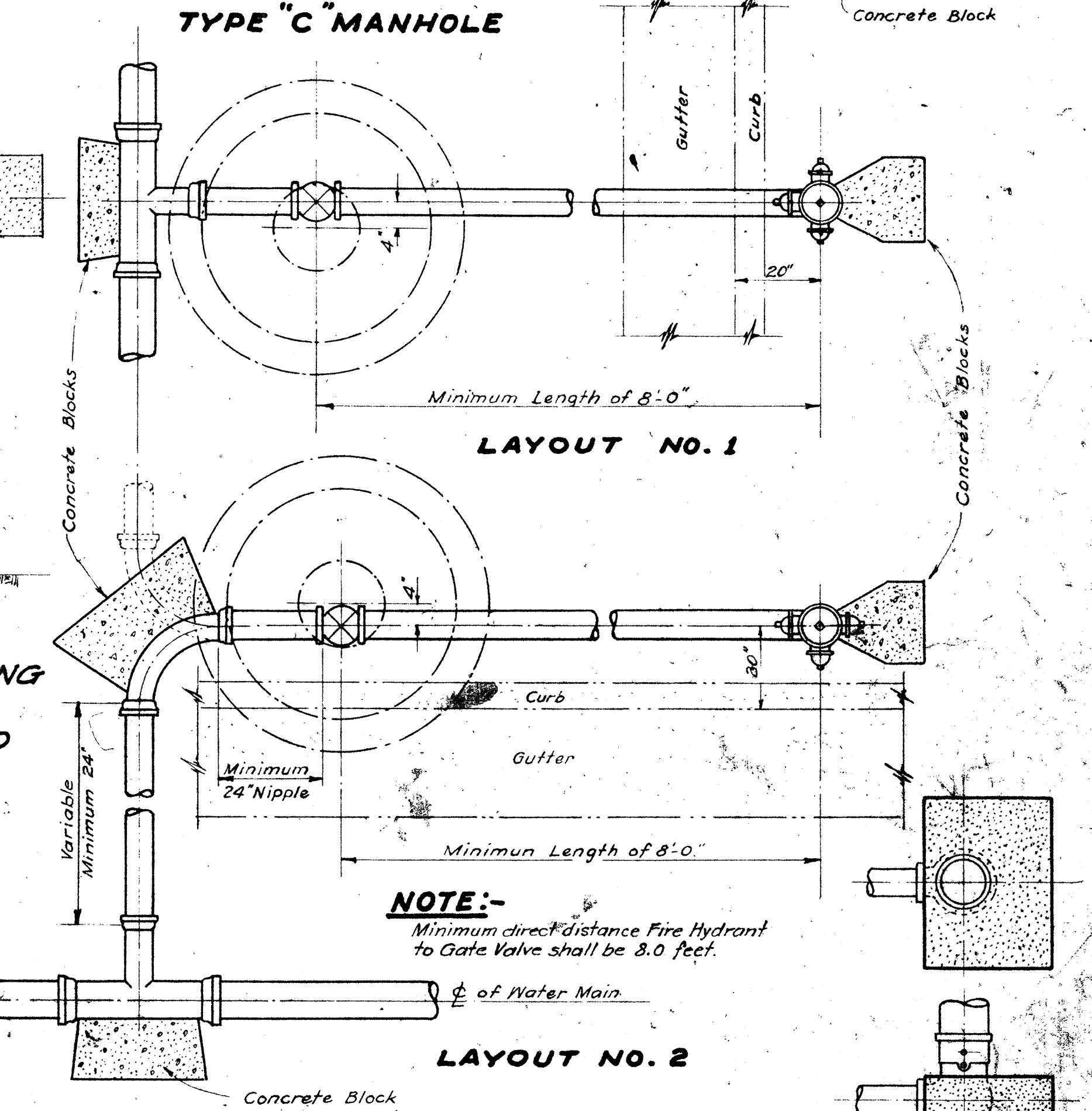
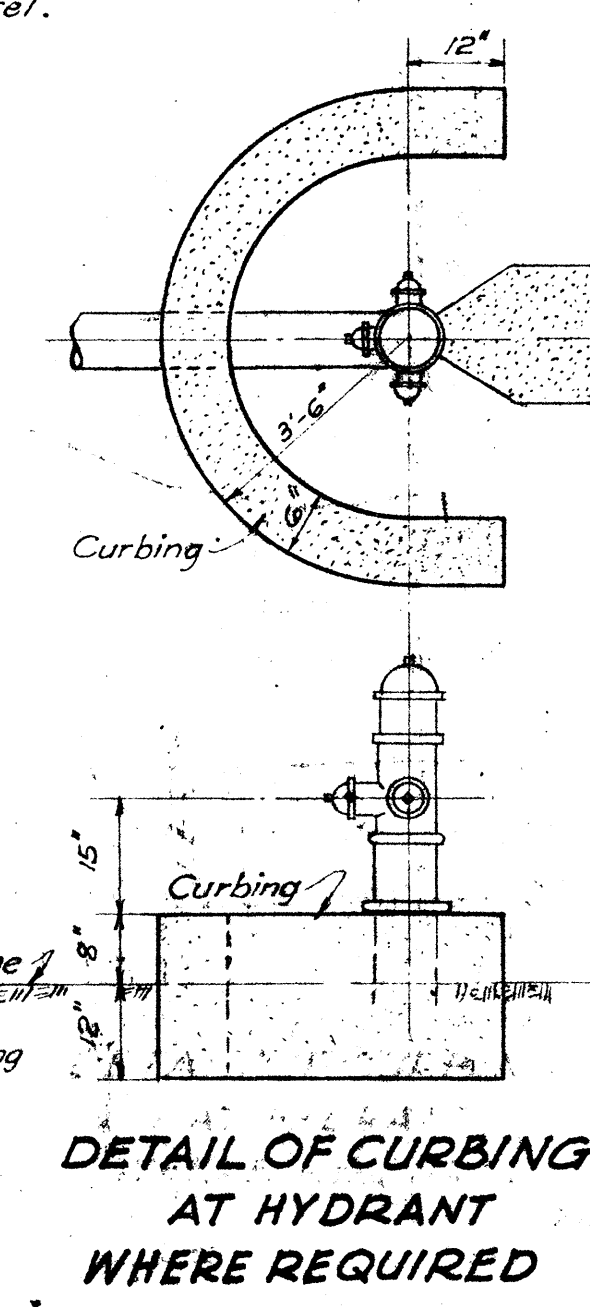
STEEL DETAIL IN BOTTOM SLAB



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



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"

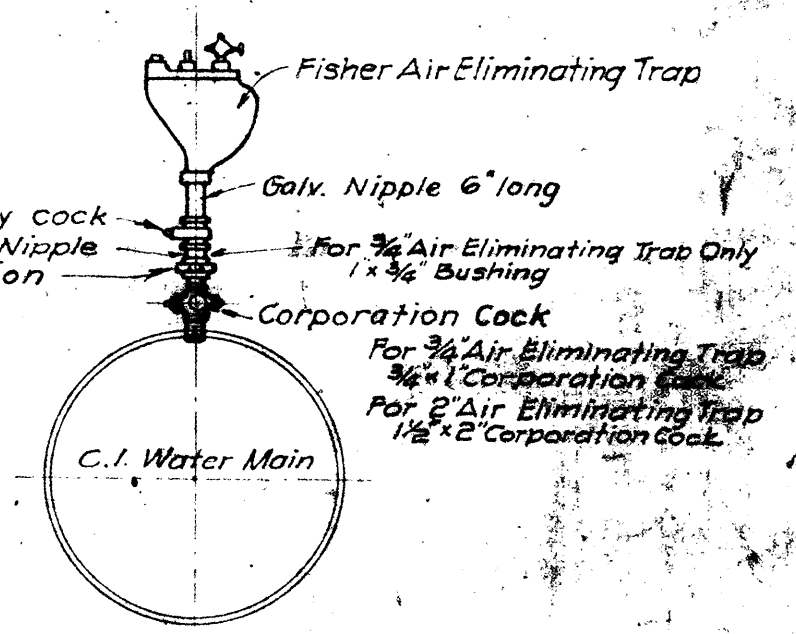
NOTE: These details were prepared in the office of the Board of Water Supply, City & County of Honolulu.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
BOARD OF WATER SUPPLY
STANDARD DETAILS
MAUKA ARTERIAL
ALEXANDER ST. TO ISENBERG ST.
PROJECT No. F 59 (4)
Scale: As Noted August 1952

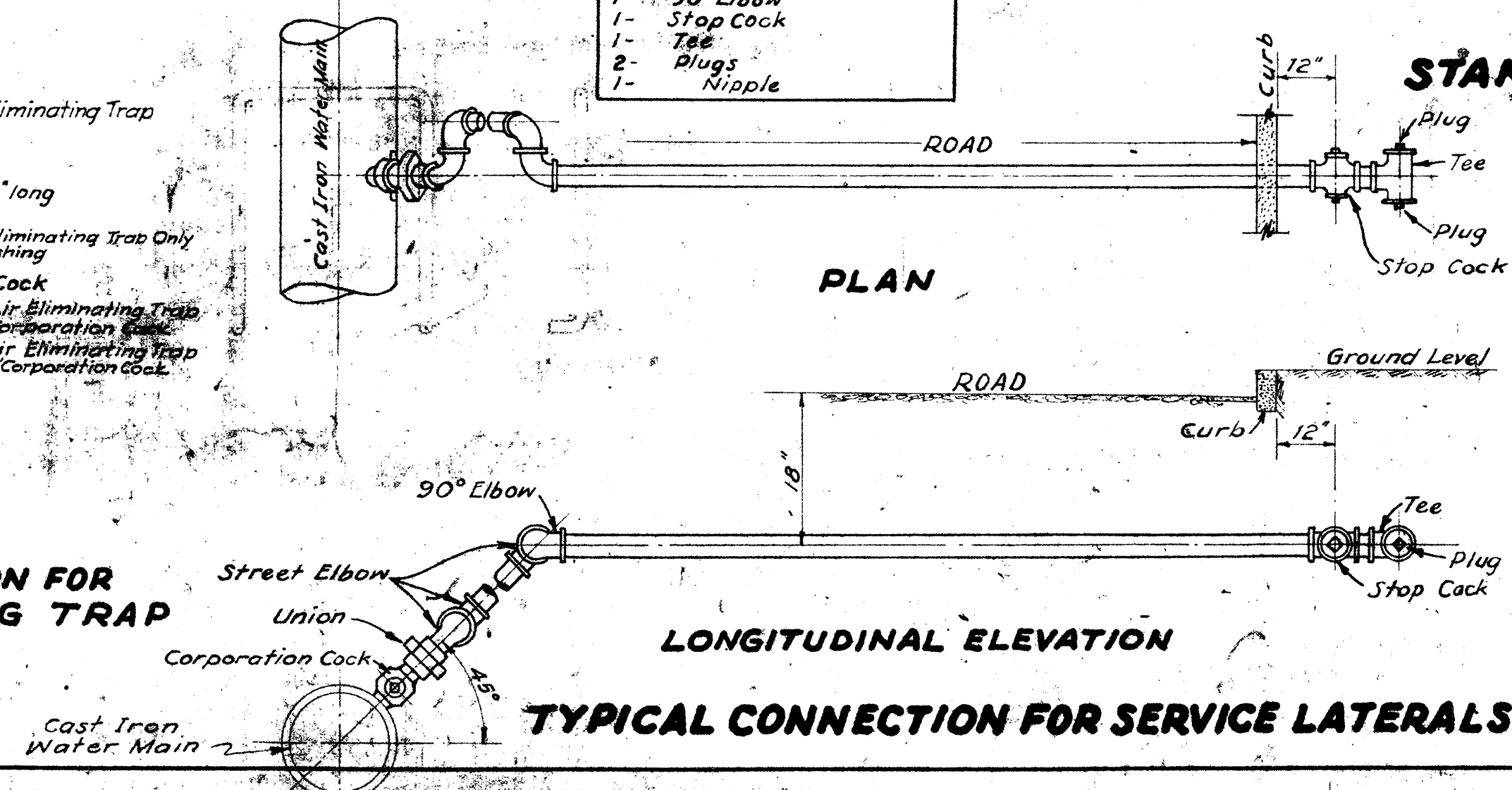
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NOTE:
All valves 16" and larger without Spur or Bevel Gears to be installed in Type "A" Manholes for Spur-Geared Gate Valves.

DETAIL OF CONNECTION FOR FISHER AIR ELIMINATING TRAP



TYPICAL CONNECTION FOR SERVICE LATERALS



BAR BENDING DETAIL

