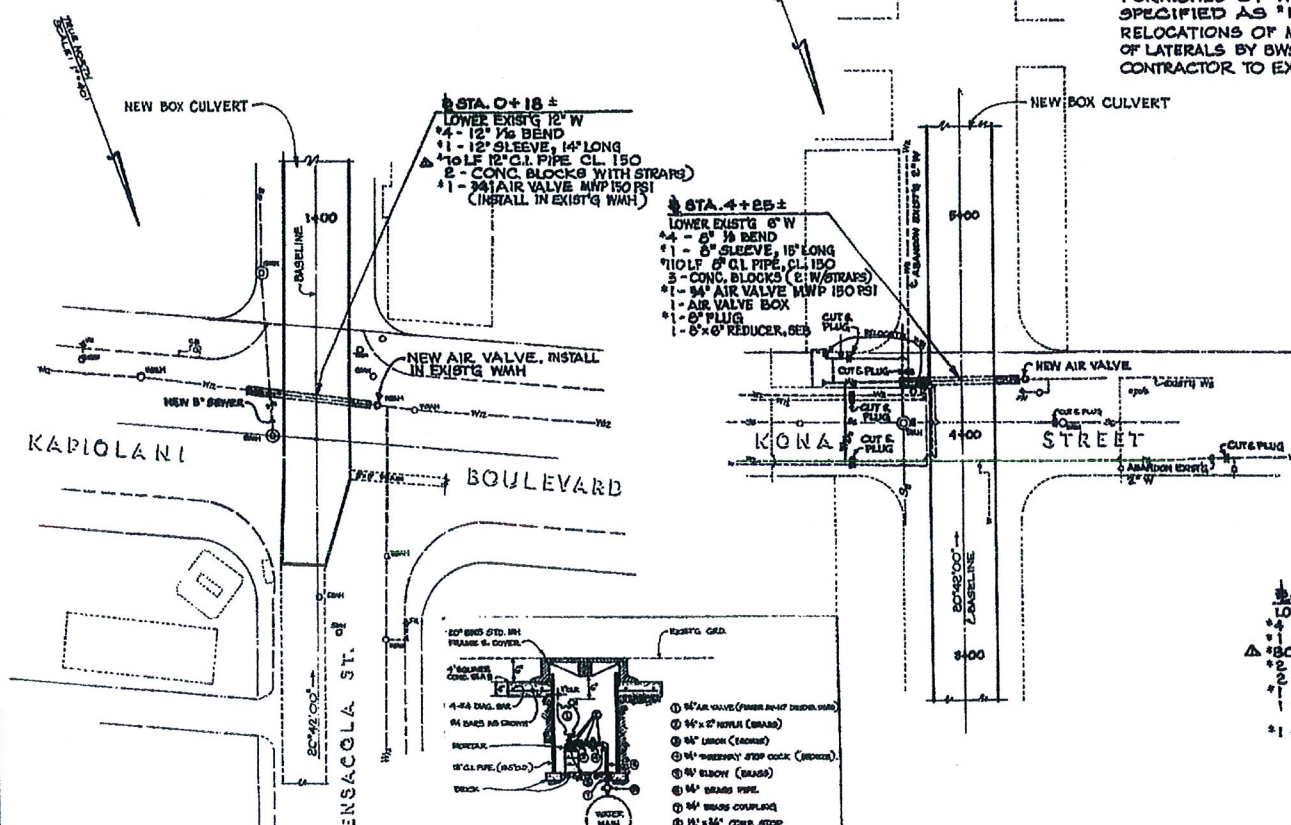




STA. 6+32 ±
LOWER EXIST'G 6" W
* 1 - 6" SLEEVE, 15' LONG
* 2 - 6" C.I. PIPE CL 150
* 2 - 6" G.V. (RELOCATE)
* 2 - CONC. BLKS W/STRAPS
* 1 - 6" 1/4 BEND (RELOCATE)
* 1 - TYPE 'B' MH 3.5'
(REUSE FRAME & COVER)
* 1 - 34" AIR VALVE MWP 100PS

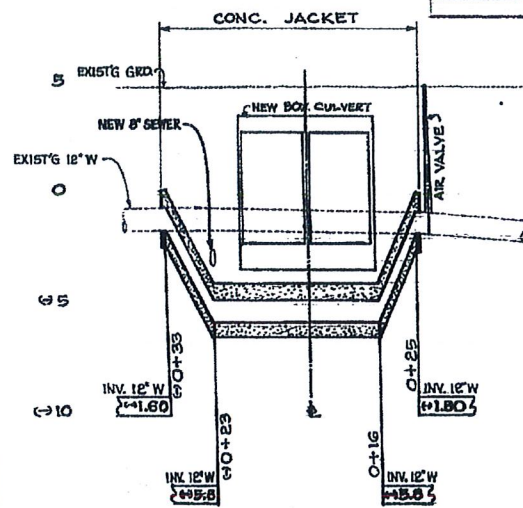
STA. G+GB ±

LOWER EXIST. 8' W

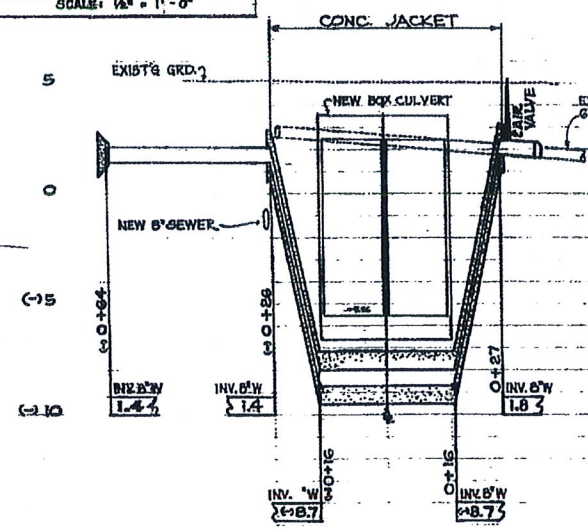
* 1- 8" RIBBED CONCRETE PIPE, CL 150
* 1- 8" STEVE 15' LONG
Δ * 1- 6" C.I. PIPE, CL 150
* 1- 6" G.V. (RELOCATE)
* 1- 8x8 TEE (RELOCATE)
* 1- 8x6 TEE (RELOCATE)
* 1- 8" PLUG (RELOCATE)
* 1- 6x6 TEE (RELOCATE)
* 1- TYPE "B" MH 7.0'
(RIGID FRAME & COVER.)
* 1- 24" AIR VALVE MWP ISO RS
* 1- CONC. BLKS (3 W/STRAPS)
4- VALVE BOXES

1 STA. 15+18±
LOWER EXIST'G. 12" W
* 4 - 12" B BEND
* 1 - 12" SLEEVE, 14" LONG
* 1 - 12" C.I. PIPE CL. 150
1 - 34" AIR VALVE MWP 1501
1 - AIR VALVE BOX
2 - CONC. BLKS WITH STRAP

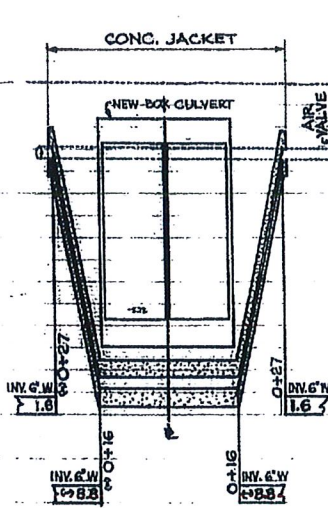
**STANDARD CONNECTION FOR
AIR RELIEF VALVE AT VALVE BOX**
SCALE: 1/2" = 1'-0"



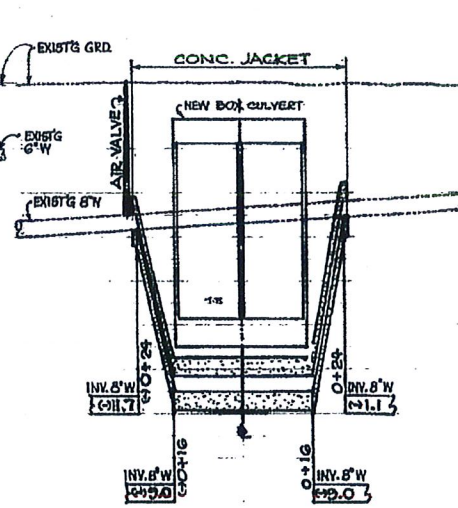
STATION 0 + 18
12" LOWERING ON
KAPIOLANI BOULEVARD



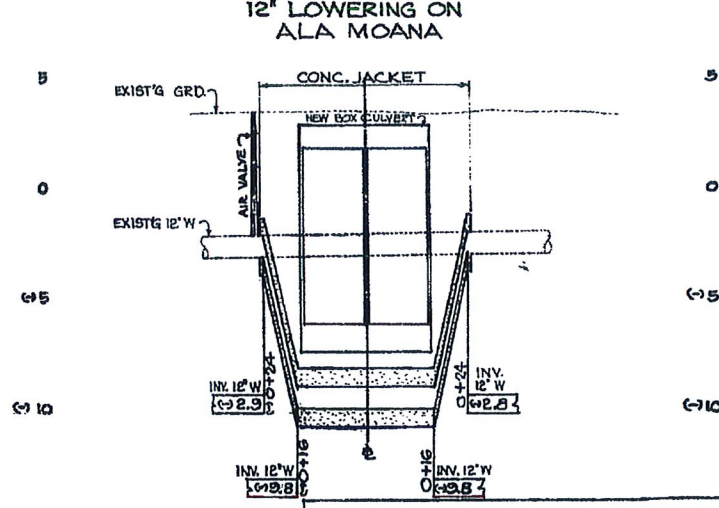
STATION 4 + 25
6" LOWERING ON
KONA STREET



STATION 6+32
6" LOWERING ON
WAIMANU STREET



STATION 6+65
8" LOWERING ON
WAIMANU STREET



STATION 15+18
12" LOWERING ON
ALA MOANA

APPROVED: S. Hawkins 3/20/71
ASST. CHIEF ENGINEER, DWS DATE

DEPARTMENT OF PUBLIC WORKS
 CITY AND COUNTY OF HONOLULU
 DIVISION OF ENGINEERING
Pensacola Street Relief Drain
Unit I
WATER LOWERING DETAILS

ENGINEER _____ *R.M.* _____ DATE _____ *APR. 23, 1927* _____
 DRAFTSMAN _____ *(initialed)* _____ CHECKED BY _____ *WY* _____
 SCALE _____ *AS SHOWN* _____ TRACE _____ *dk* _____
 APPROVED _____ *5/1/27* _____
 CHIEF, DIVISION OF ENGINEERING

W.E.	PURVIS	C.E.
C.E. DEC.	F.B. 1922, 1927, 1942	C.E.
W.A. EVI.	J. ROBERTA	C.B.

SHEET NO. 4 OF 20 SHEETS

JOB NO. 8-71

FILE	Project	Volume	No.
18	6	2	39

ENGINE DIVIDED
U.S. STD