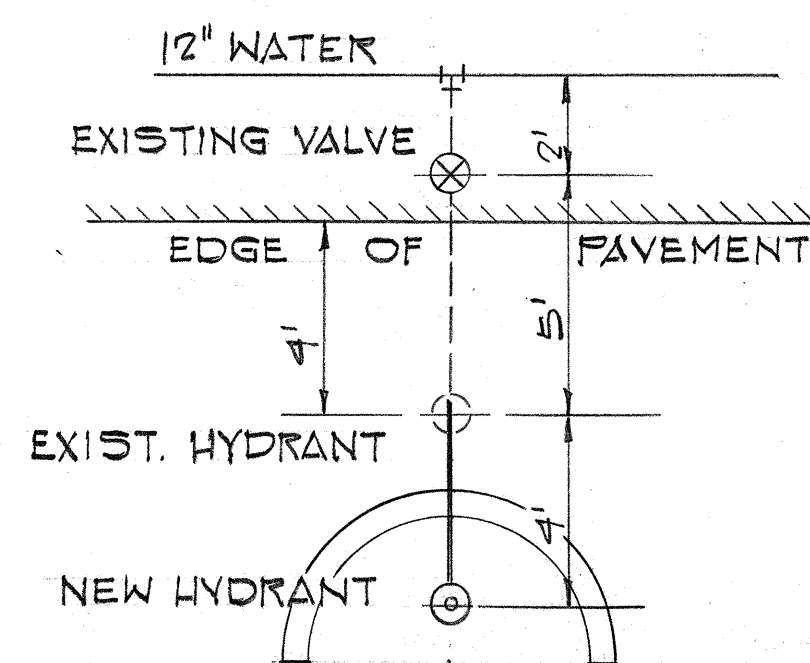
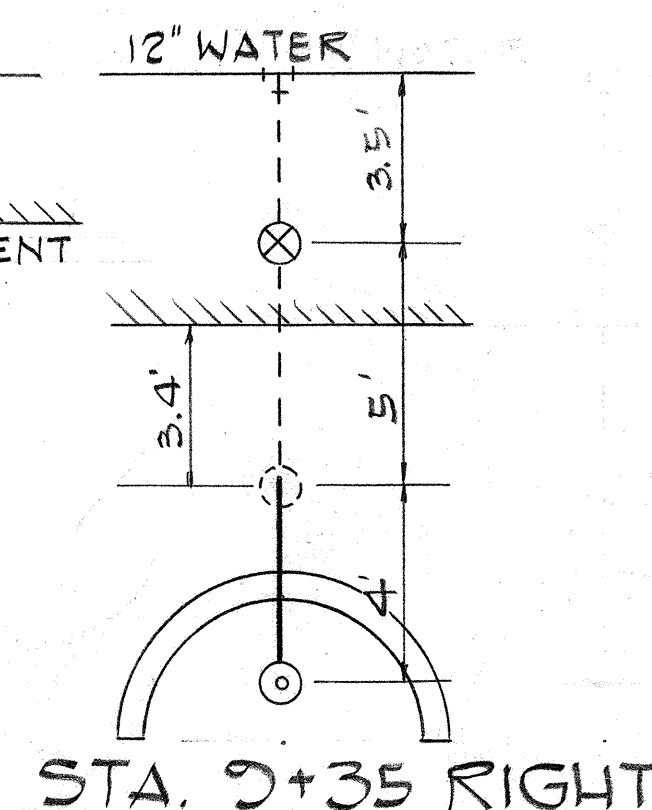




STA. 4+70 RIGHT

- * 3 LF 6" C.I. PIPE
- 1 CONC. BLK.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)

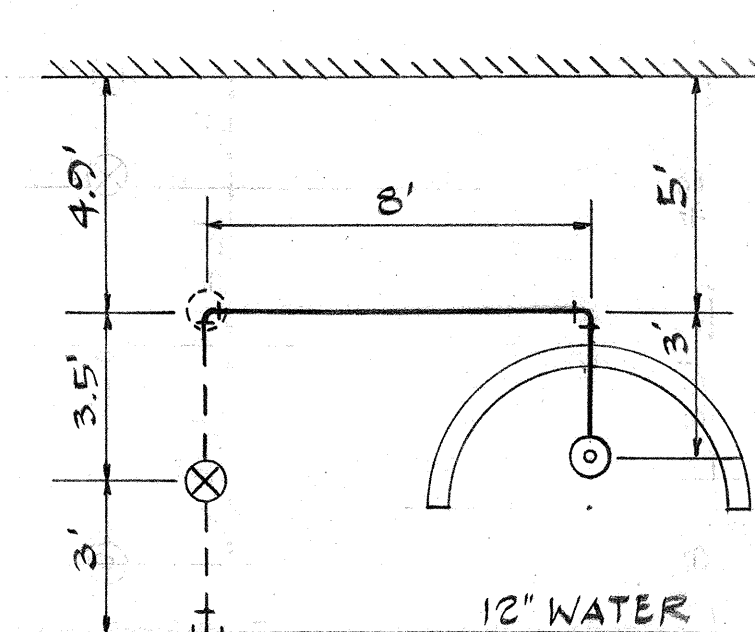


STA. 9+35 RIGHT

- * 3 LF 6" C.I. PIPE
- 1 CONC. BLK.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)

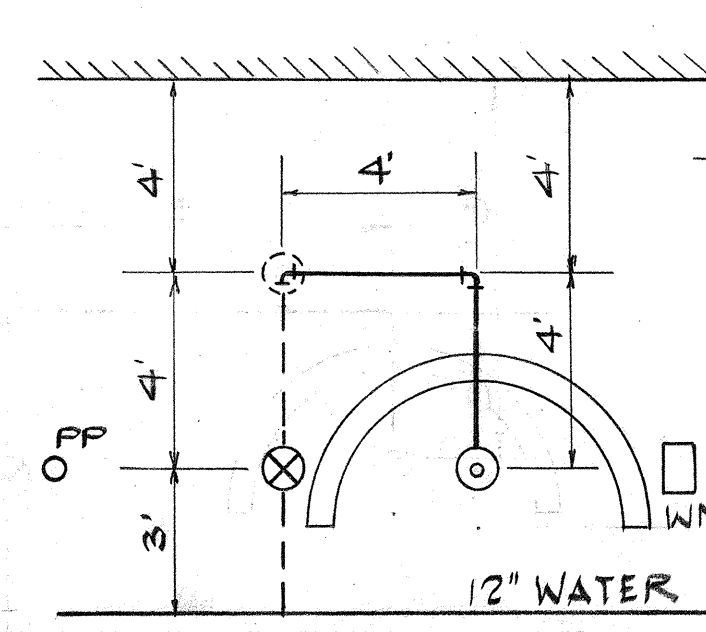
STA. 14+30 RIGHT

- * 8 LF 6" C.I. PIPE
- 1 CONC. BLK.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



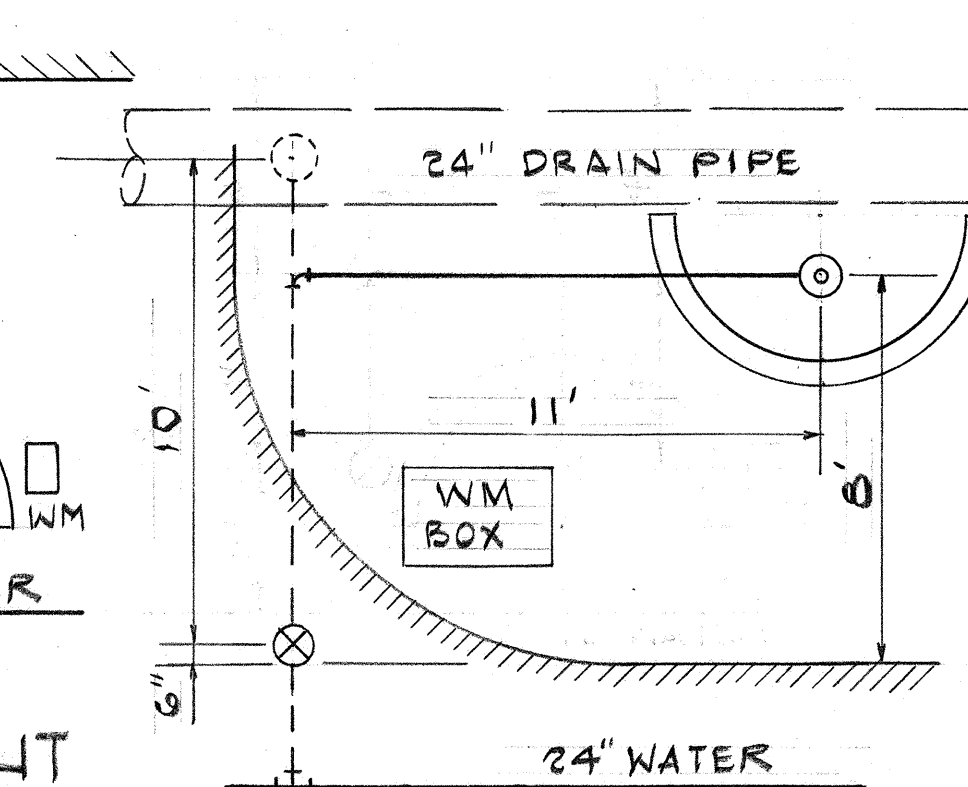
STA. 19+50 RIGHT

- * 10 LF 6" C.I. PIPE
- 2 - 6" 1/4 BEND
- 3 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



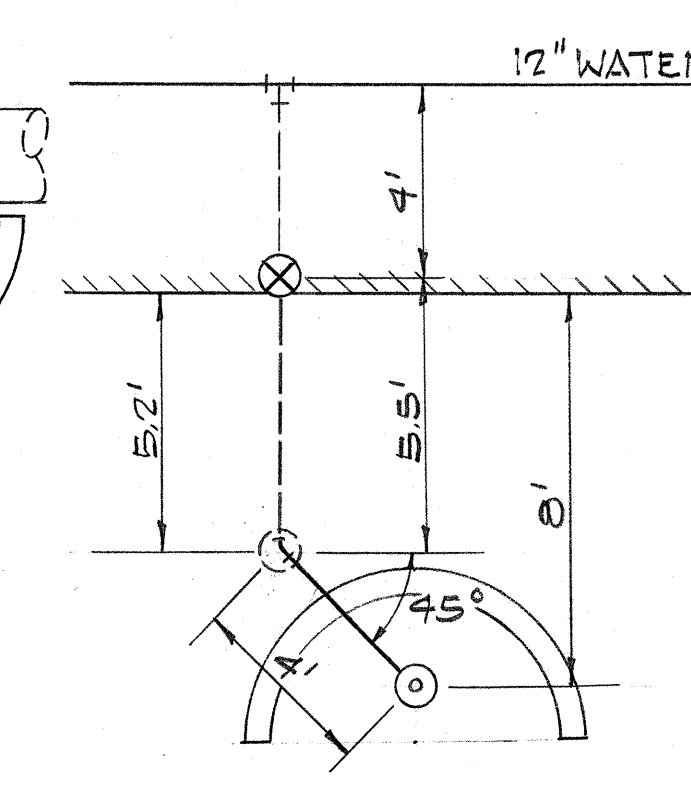
STA. 24+50 RIGHT

- * 6 LF 6" C.I. PIPE
- * 2 - 6" 1/4 BEND
- 3 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



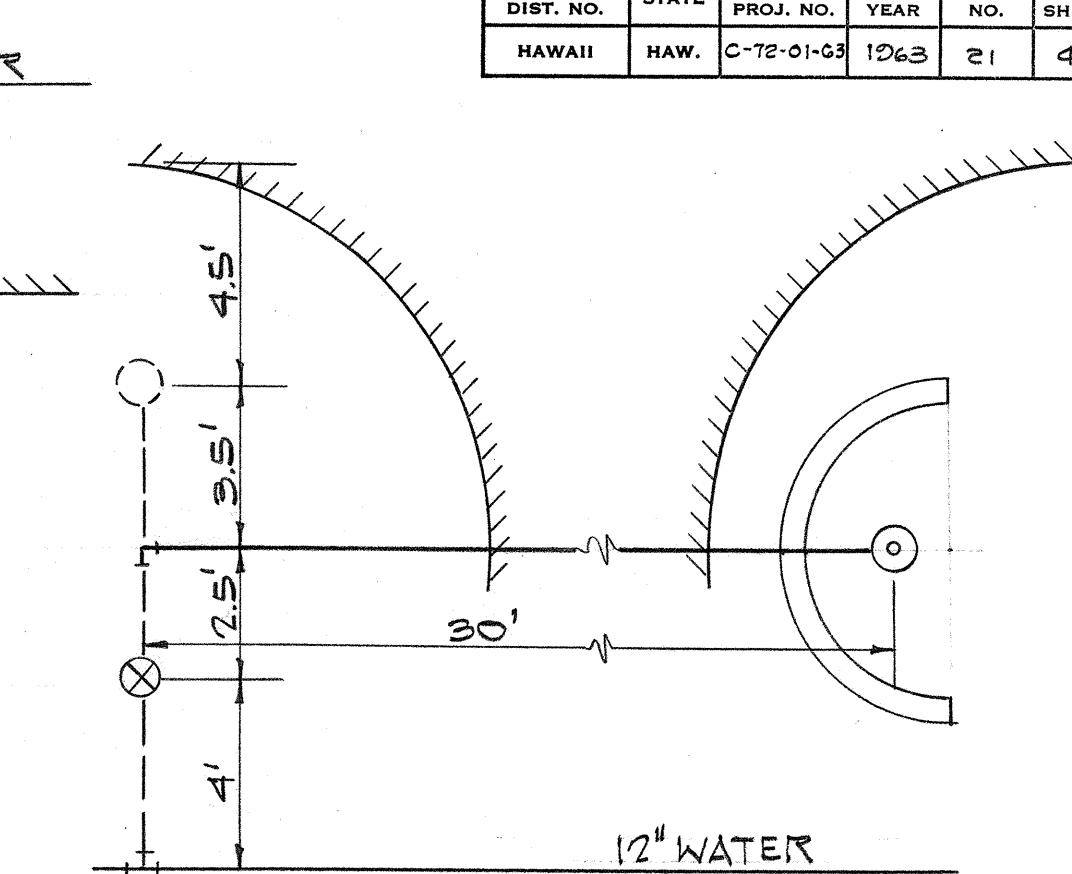
STA. 31+80 LEFT

- * 11 LF 6" C.I. PIPE
- * 1 - 6" 1/4 BEND
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



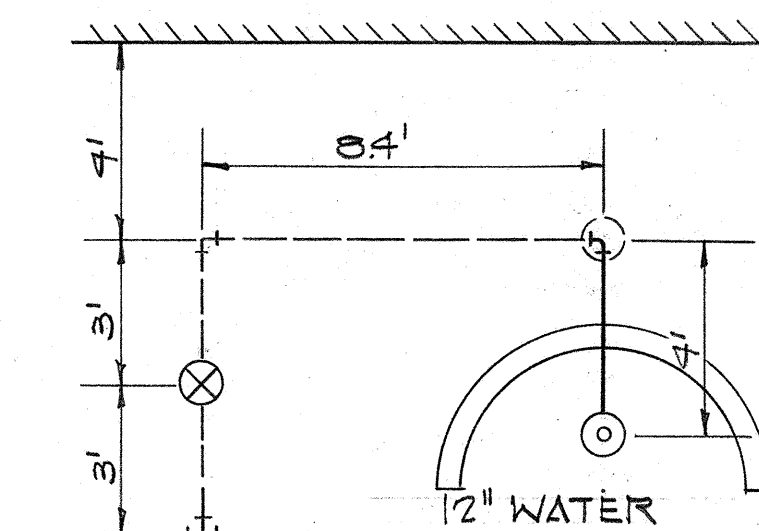
STA. 29+40 RIGHT

- * 4 LF 6" C.I. PIPE
- * 1 - 6" 1/8 BEND
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



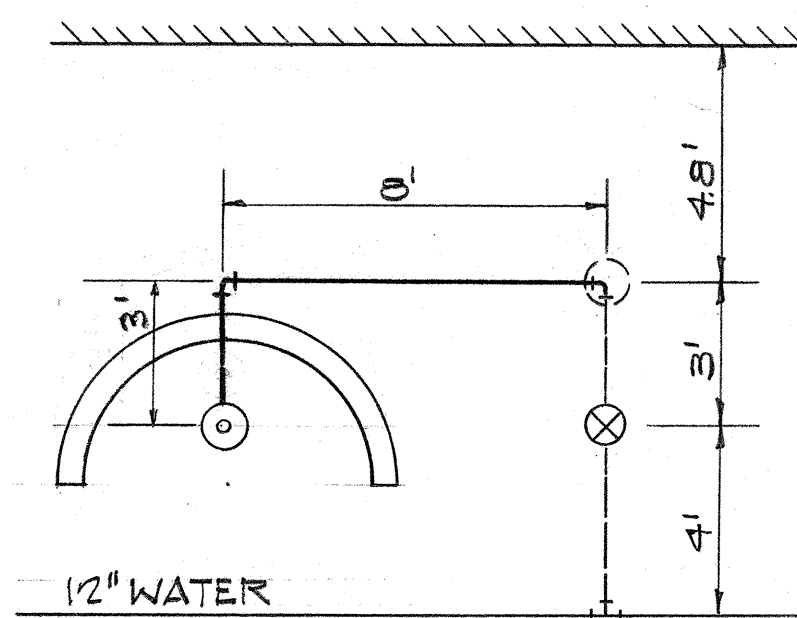
STA. 44+50 RIGHT

- * 30 LF 6" C.I. PIPE
- * 1 - 6" 1/4 BEND
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- * 1 F.H. (REUSE)



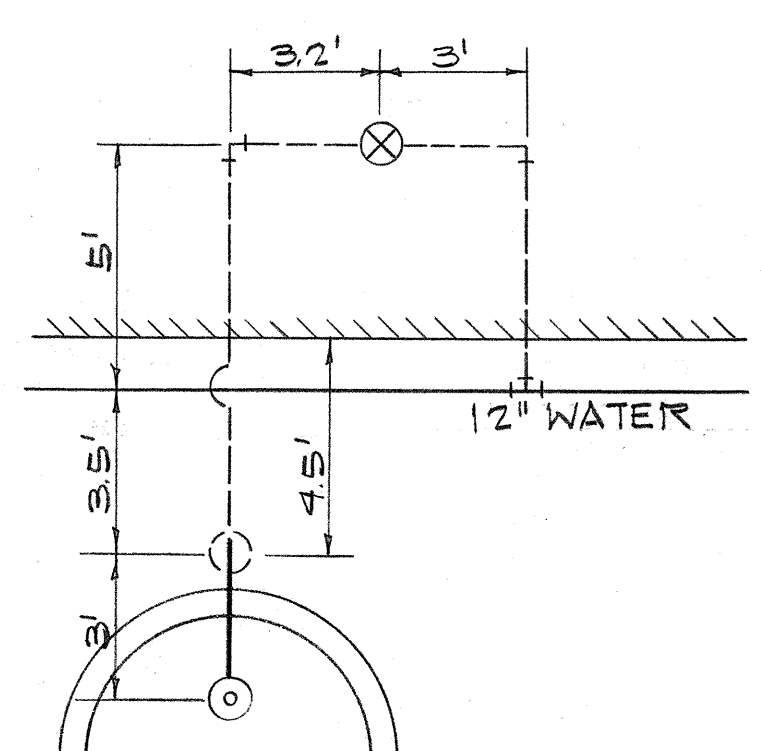
STA. 49+20 RIGHT

- * 4 LF 6" C.I. PIPE
- * 1 - 6" 1/4 BEND
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



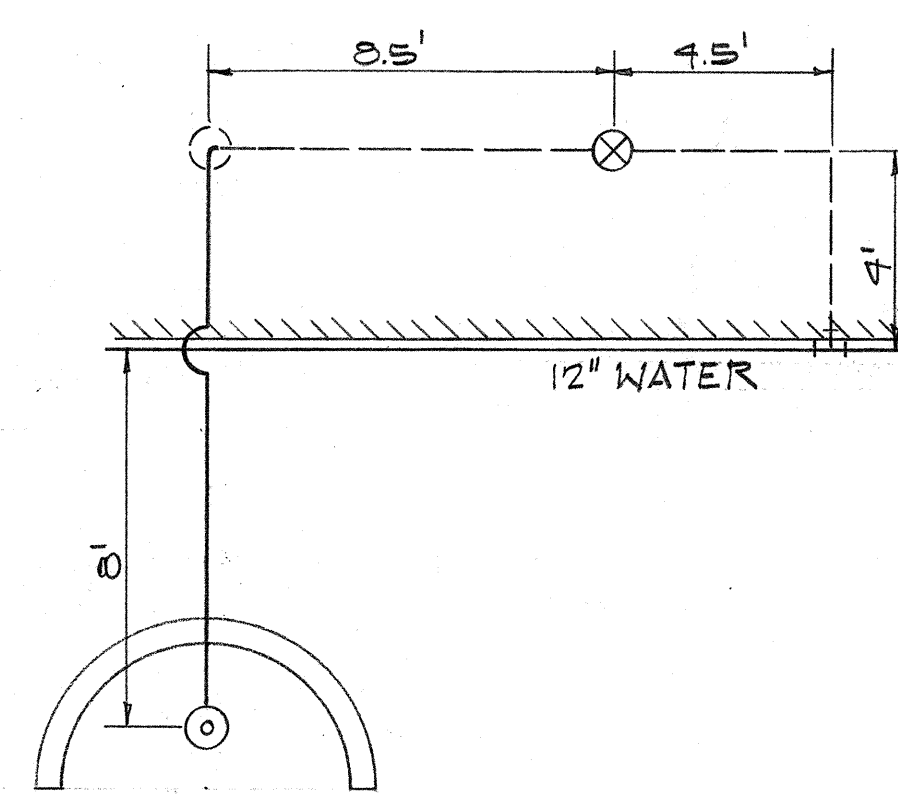
STA. 54+00 RIGHT

- * 5 LF 6" C.I. PIPE
- * 2 - 6" 1/4 BEND
- 3 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



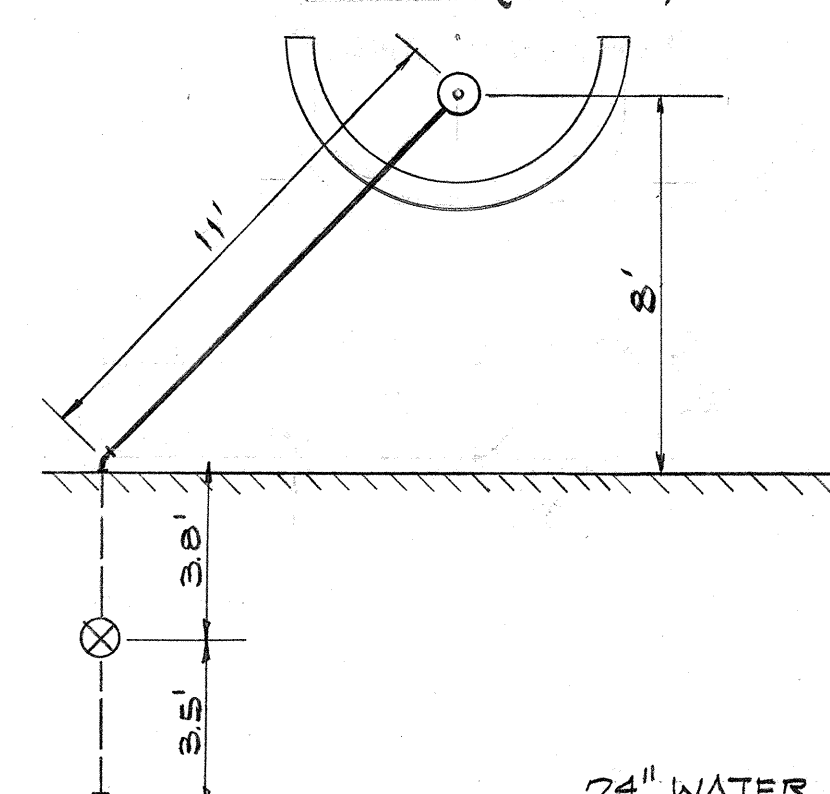
STA. 59+25 RIGHT

- * 3 LF 6" C.I. PIPE
- 1 CONC. BLK.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



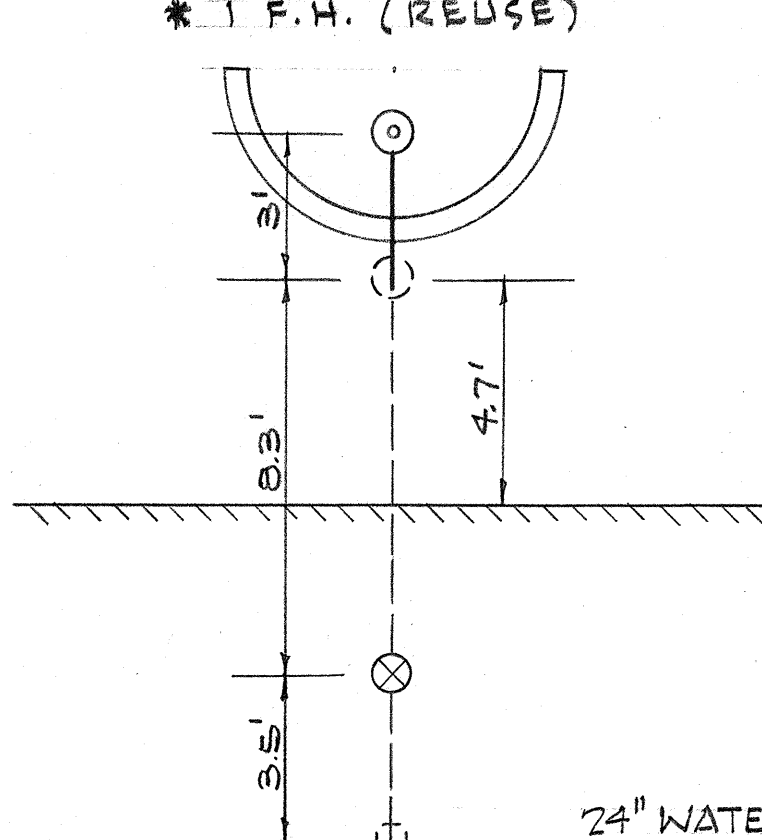
STA. 67+60 RIGHT

- * 12 LF 6" C.I. PIPE
- * 1 - 6" 1/4 BEND
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



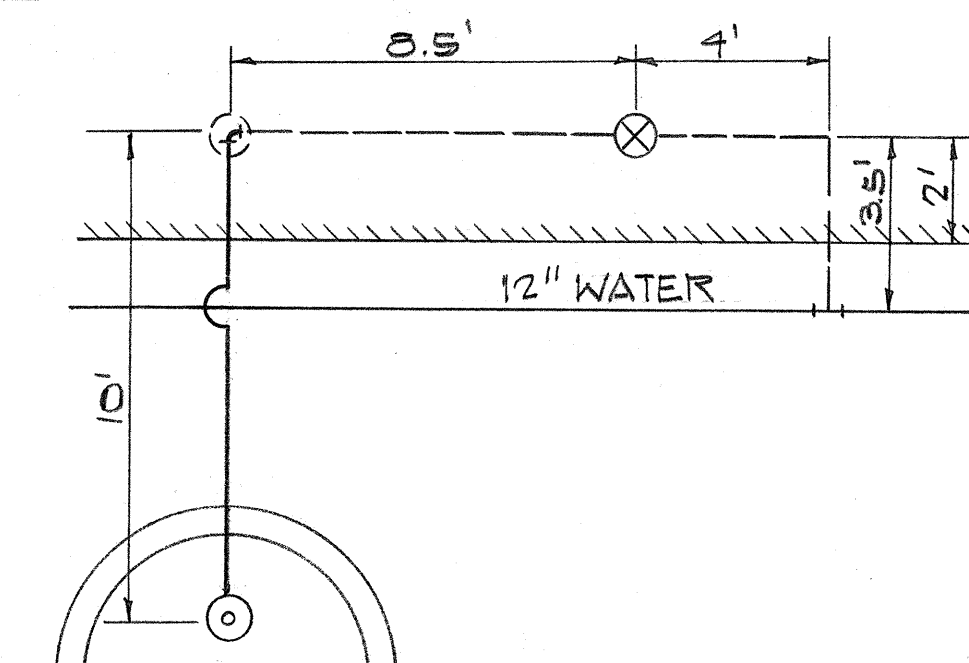
STA. 70+85 LEFT

- * 11 LF 6" C.I. PIPE
- * 1 - 6" 1/8 BEND
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



STA. 62+05 LEFT

- * 3 LF 6" C.I. PIPE
- 1 CONC. BLK.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



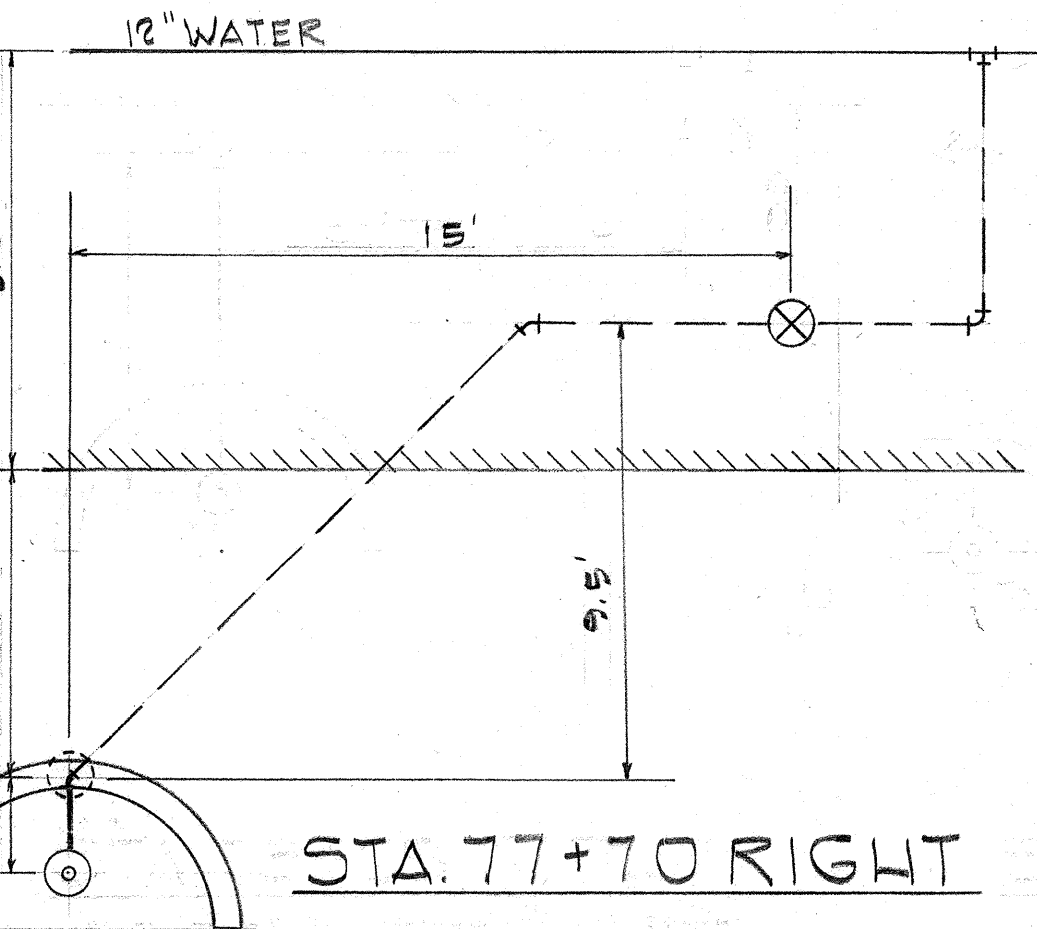
STA. 64+15 RIGHT

- * 10 LF 6" C.I. PIPE
- * 1 - 6" 1/4 BEND
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)

NOTE:

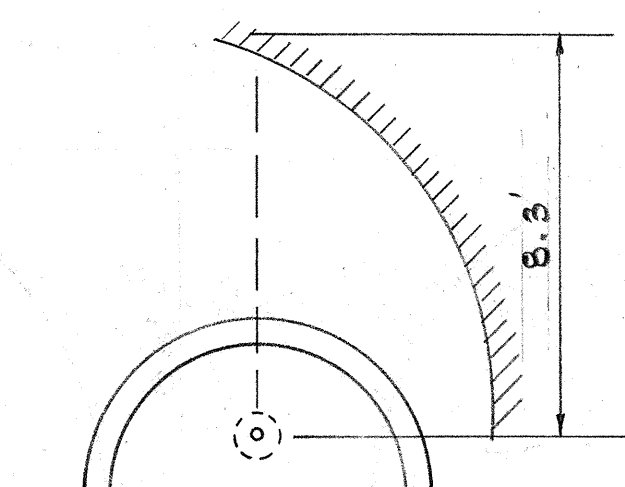
In addition to the Curb Guards shown on this sheet, Curb Guards shall be placed on existing Hydrants at stations: 7+00 L, 47+20 L, 75+20 L, 84+25 L, 97+80 L, 95+40 R.

Curb Guards or Hydrants relocations may be added to or deleted from the plans as shown at the discretion of the Engineer.



STA. 77+70 RIGHT

- * 1 - 6" 1/8 BEND
- * 3 LF 6" C.I. PIPE
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)

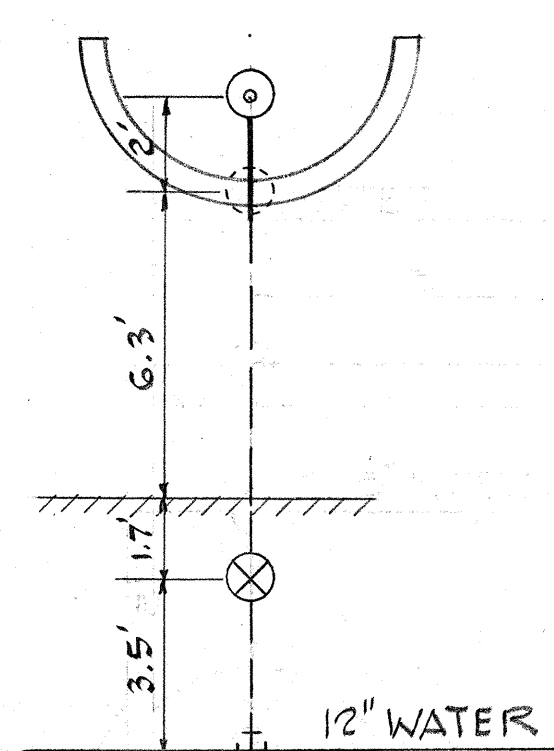


STA. 82+15 RIGHT

NOTE:

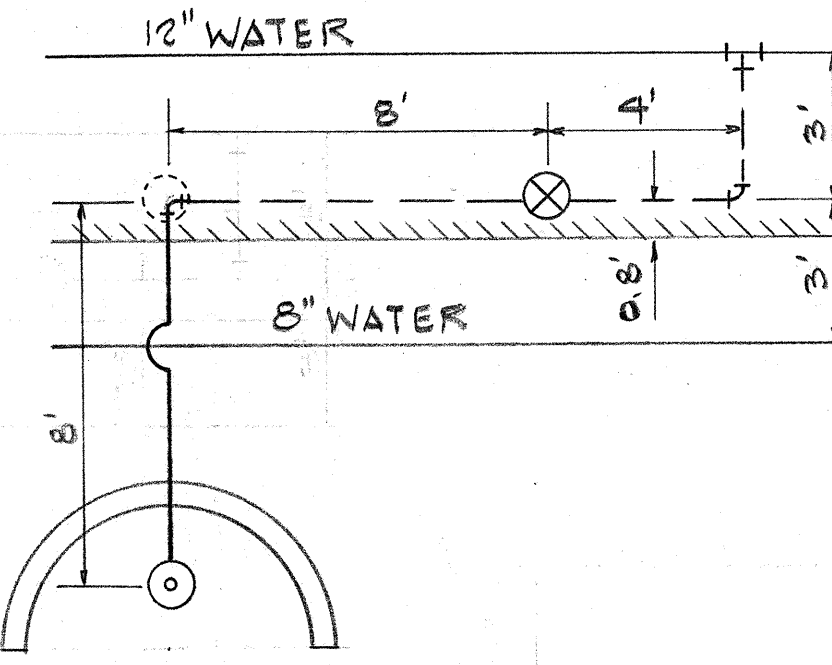
Relocation of Hydrants are to points 7 to 8 ft. off edge of new paving. Location may vary slightly at the discretion of the Engineer. Face of Curb Guard shall be in all cases not less than 6 ft. from the edge of new paving.

* MATERIALS FURNISHED BY CONTRACTOR & INSTALLED BY BWS OR SALVAGED MATERIALS REINSTALLED BY BWS



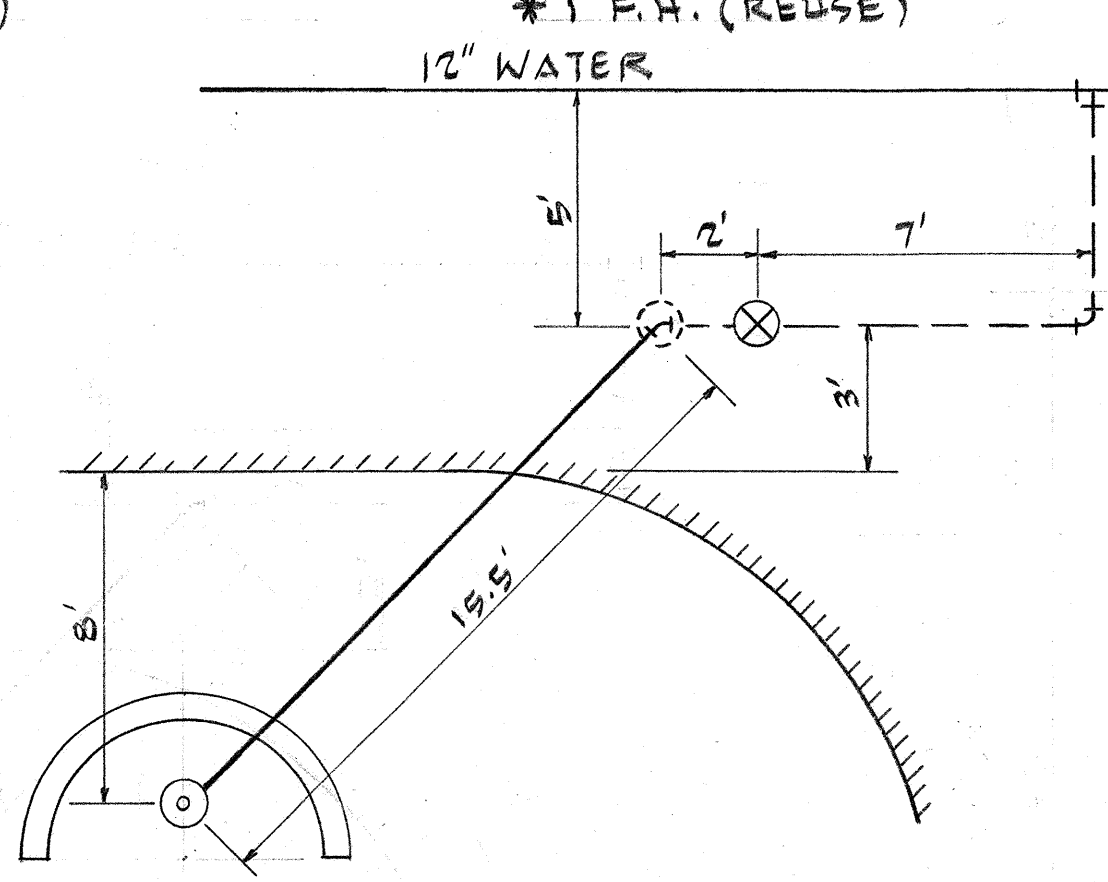
STA. 84+95 LEFT

- * 3 LF 6" C.I. PIPE
- 1 CONC. BLK.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



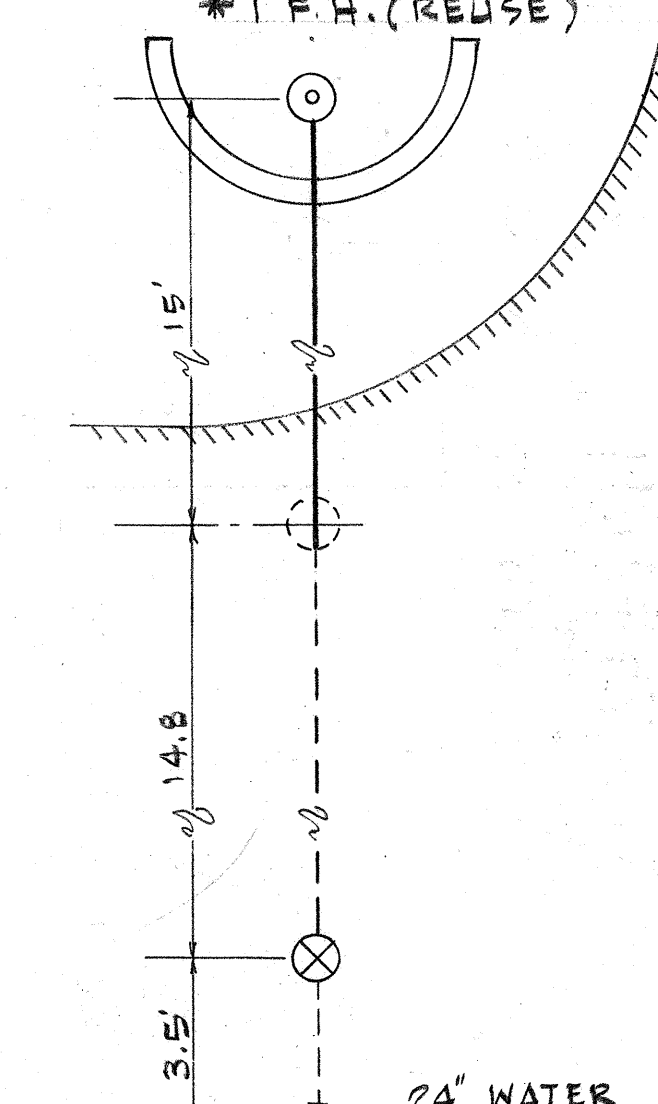
STA. 87+15 RIGHT

- * 8 LF 6" C.I. PIPE
- * 1 - 6" 1/4 BEND
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



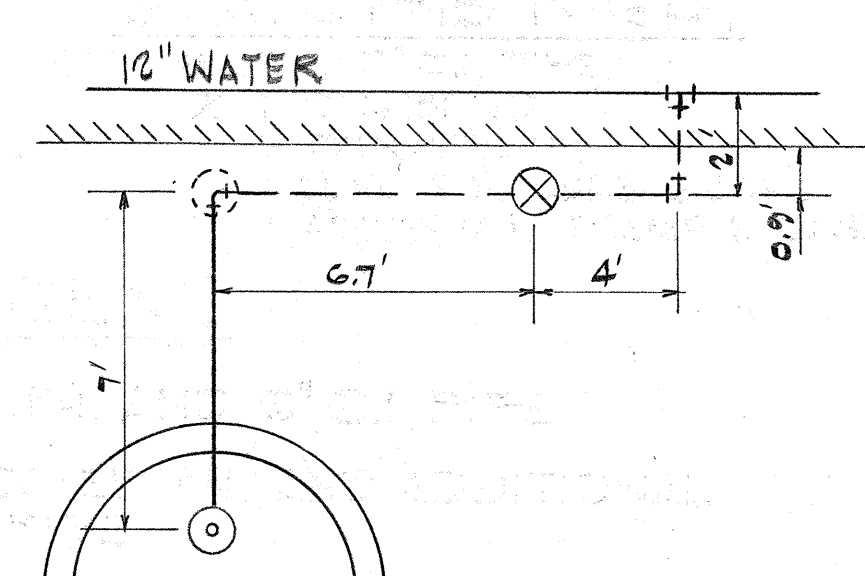
STA. 90+60 RIGHT

- * 15 LF 6" C.I. PIPE
- * 1 - 6" 1/8 BEND
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



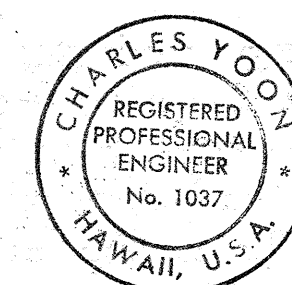
STA. 93+90 LEFT

- * 15 LF 6" C.I. PIPE
- 1 CONC. BLK.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



STA. 73+25 RIGHT

- * 7 LF 6" C.I. PIPE
- * 1 - 6" 1/4 BEND
- 2 CONC. BLKS.
- 1 CONC. F.H. CURB GUARD
- 1 ADJUST M.H. FRAME & COVER
- * 1 F.H. (REUSE)



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KALANIANA'OLE HIGHWAY WIDENING

FIRE HYDRANT ~
RELOCATION DETAILS

PROJECT NO. C72-01-03
SHEET No. 21 OF 49 SHEETS

- LEGEND
- EXISTING F.H. & 6" C.I. PIPE
 - ⊙ RELOCATED F.H. & ADDITIONAL 6" C.I. PIPE
 - ⊗ 6" GATE VALVE
 - PROPOSED EDGE OF PAVEMENT

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