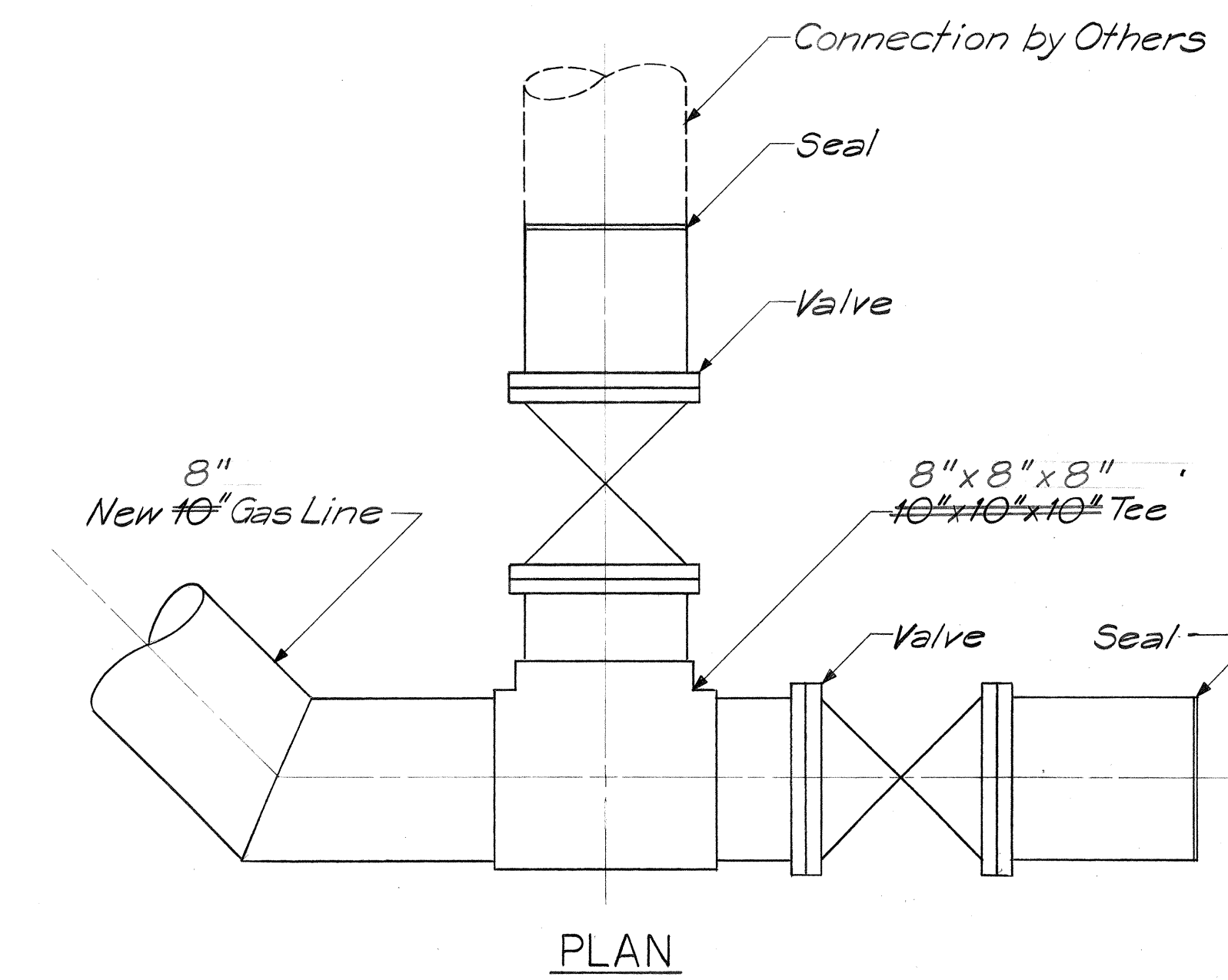
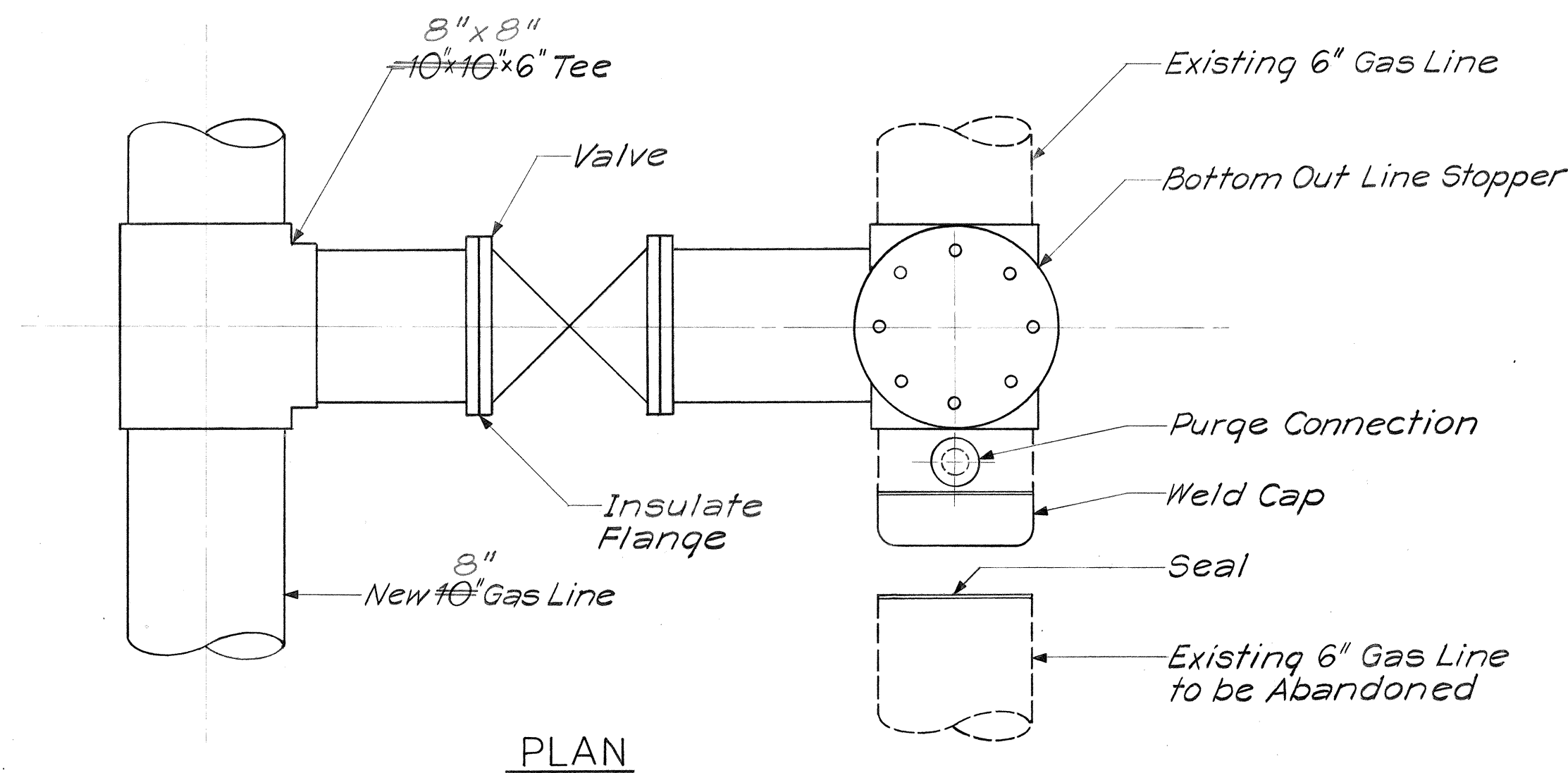
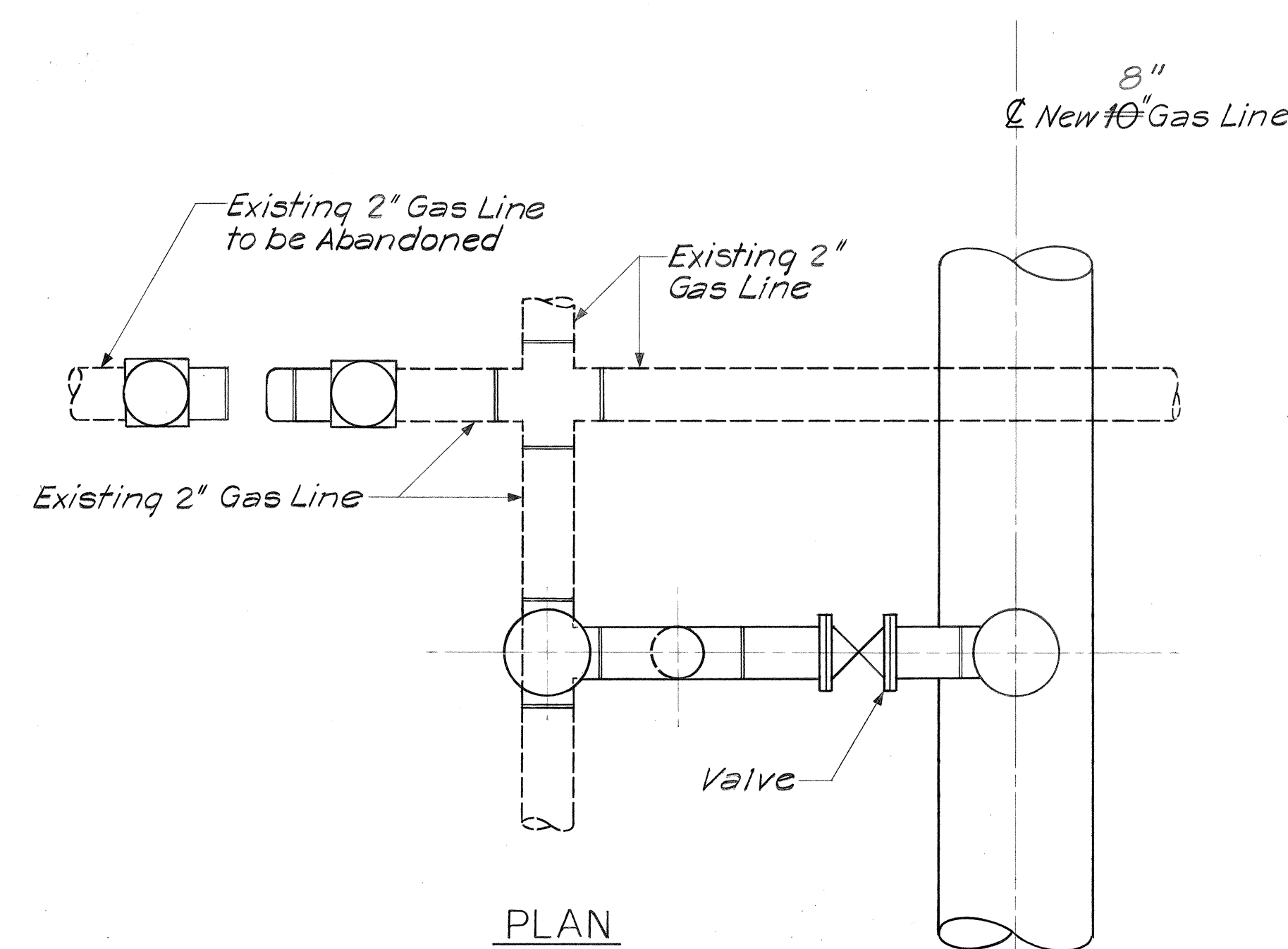
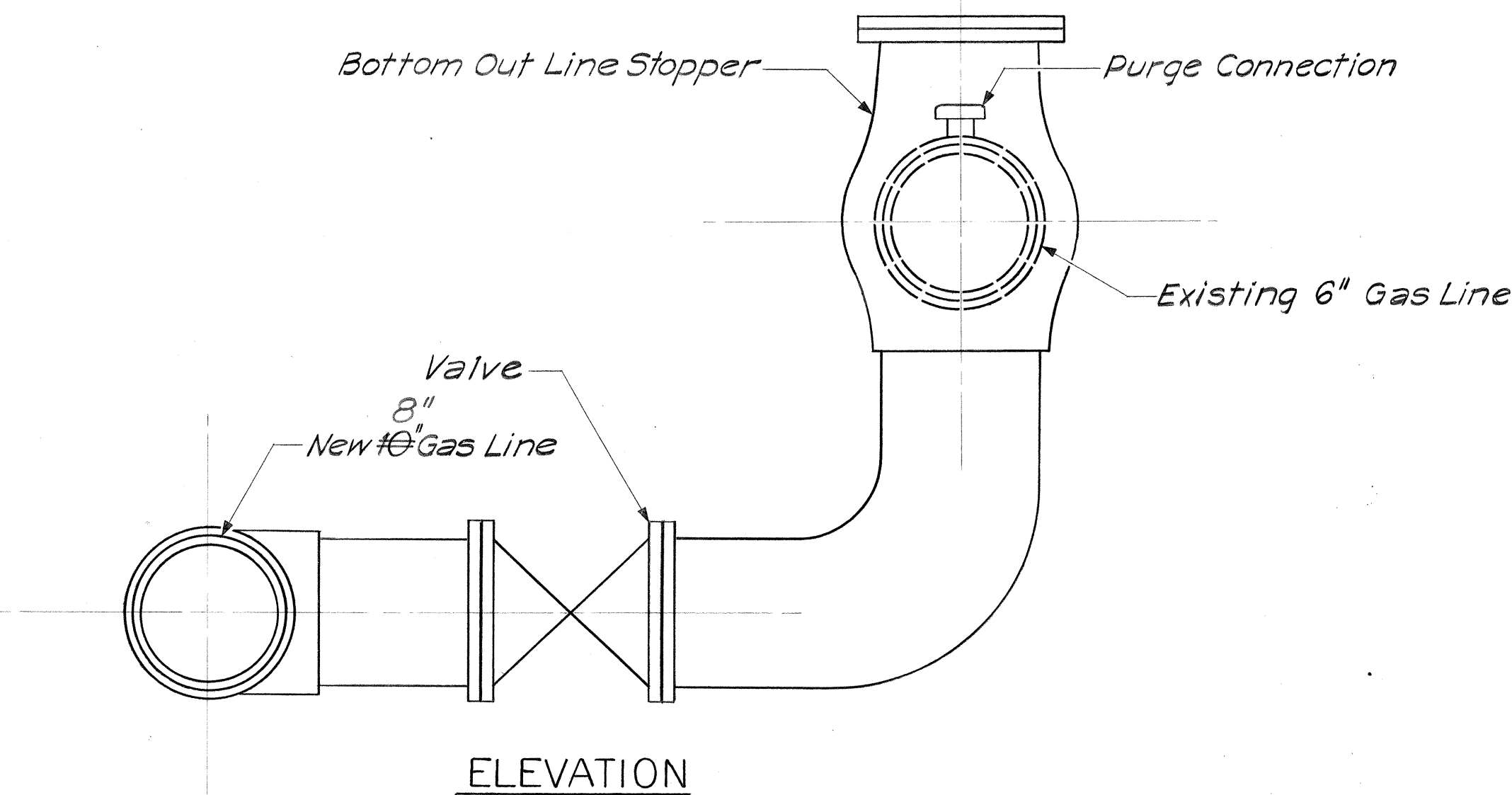
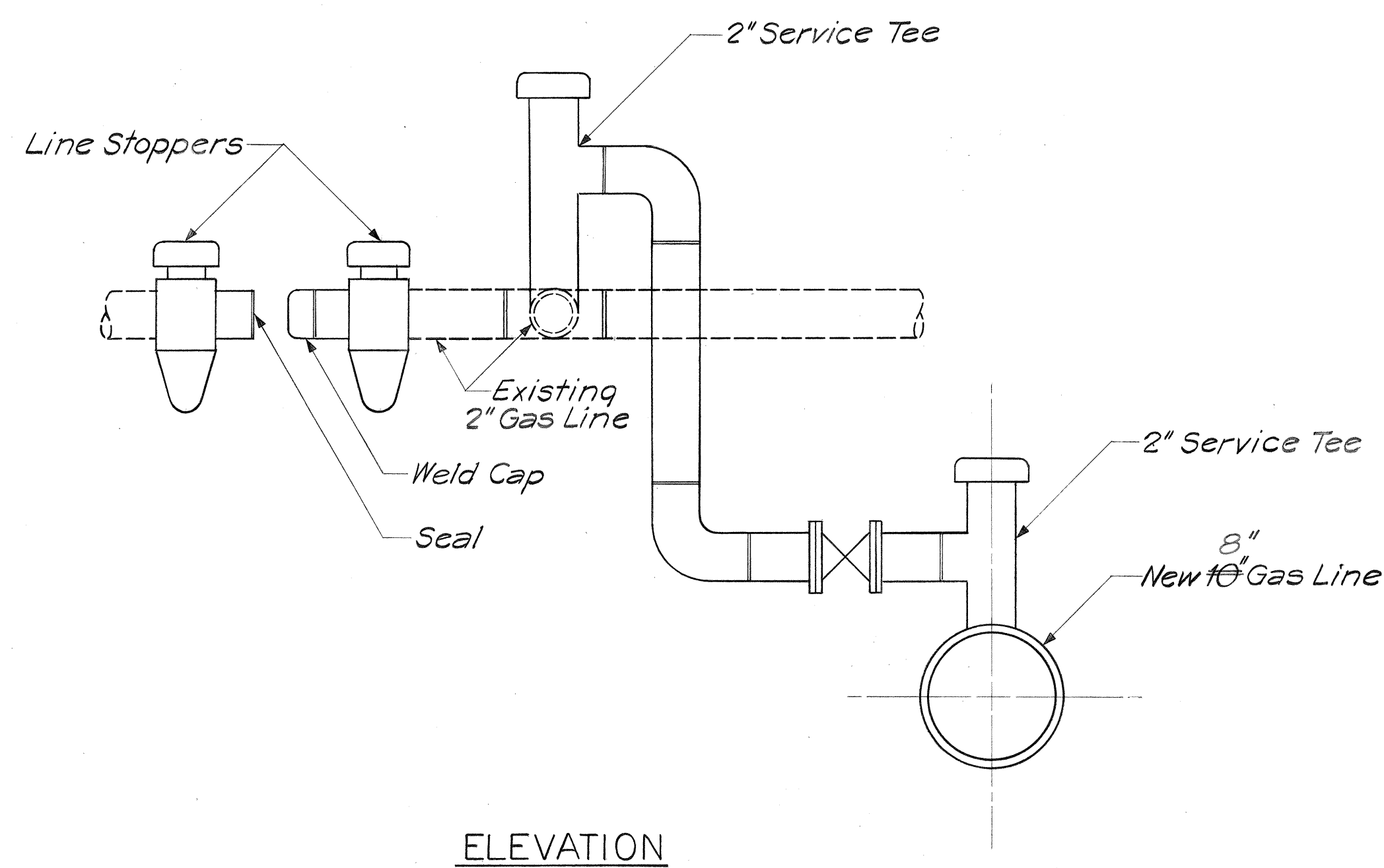


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(136):17	1976	72	124



KALIHI STREAM GAS LINE VALVES DETAIL
N.T.S.



PUULOA ROAD and KILHAU STREET GAS LINE TIE-IN DETAIL
N.T.S.

KAKOI STREET and MIDDLE STREET GAS LINE TIE-IN DETAIL
N.T.S.

APPROVED: *[Signature]* 7/14/76
Gasco, Inc. Date

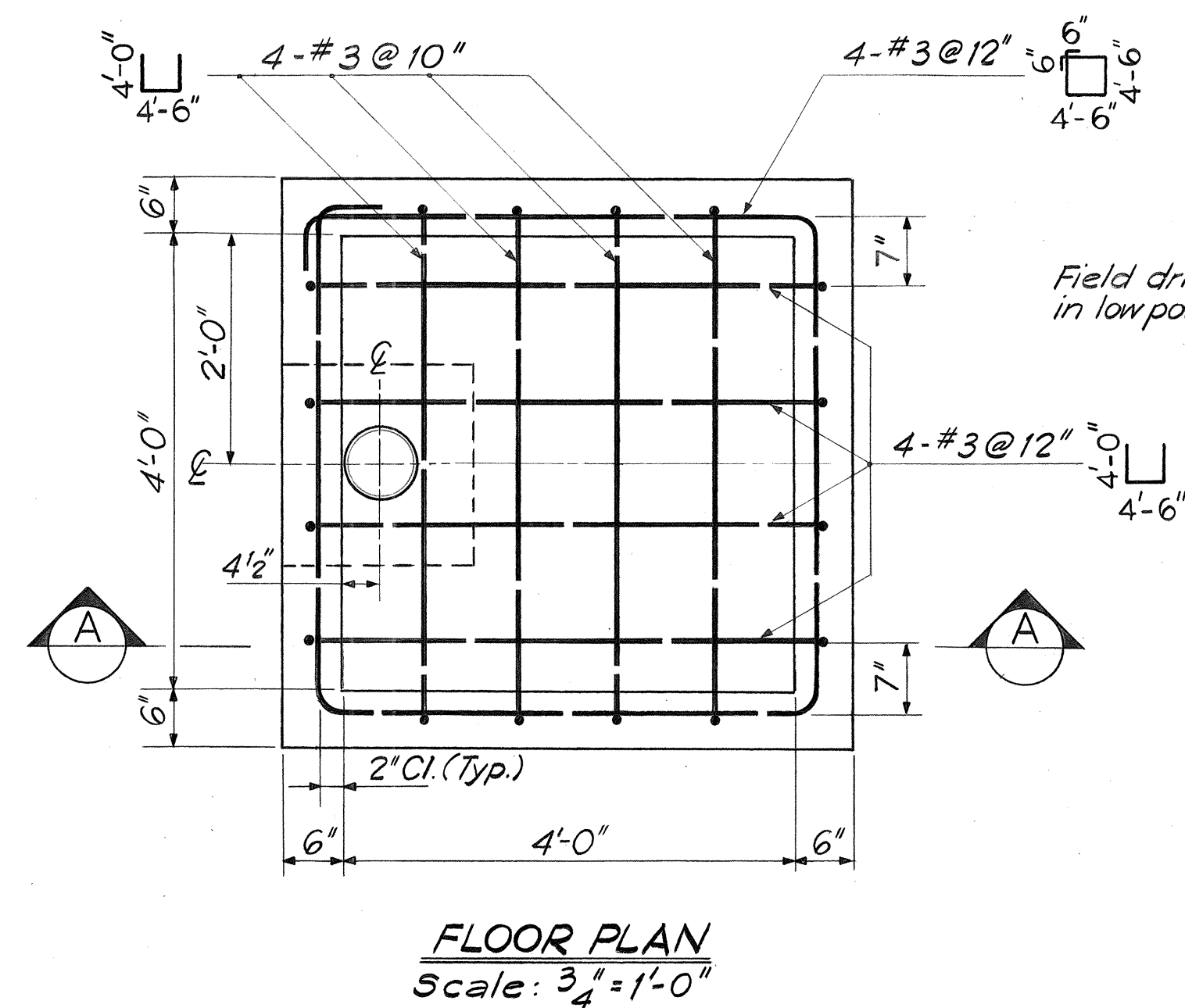
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GAS DETAILS

INTERSTATE ROUTE H-1
PROJECT NO. I-H1-1(136):17
SCALE: NONE DATE: July 15, 1976
SHEET No. 1 OF 2 SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(130):17	1976	73	124



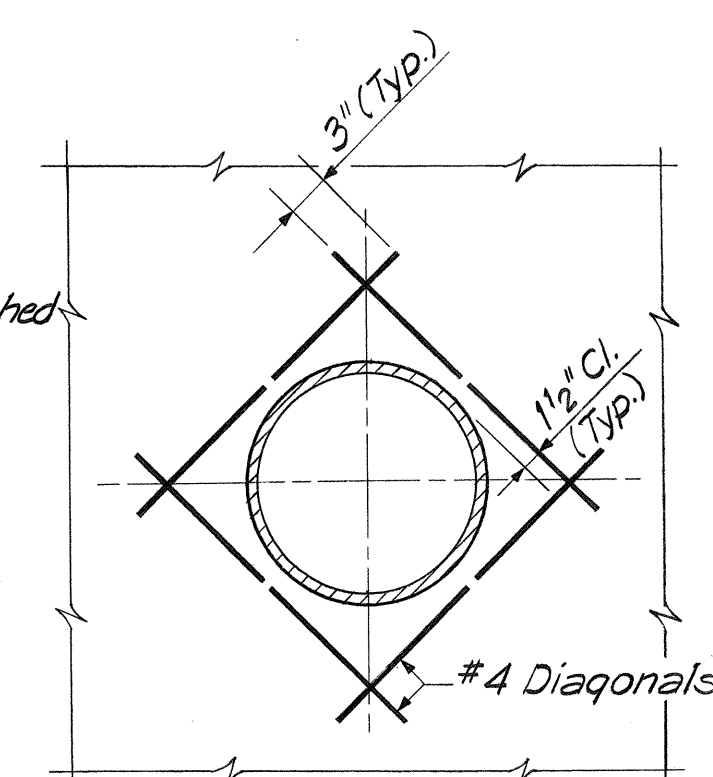
Field drill 1" ϕ Drain Hole in low point of Frame

8" ϕ Vitrified Clay Pipe Sump

1'-9" x 1'-9" Conc. Sump

SECTION A
Scale: $\frac{3}{4}$ " = 1'-0"

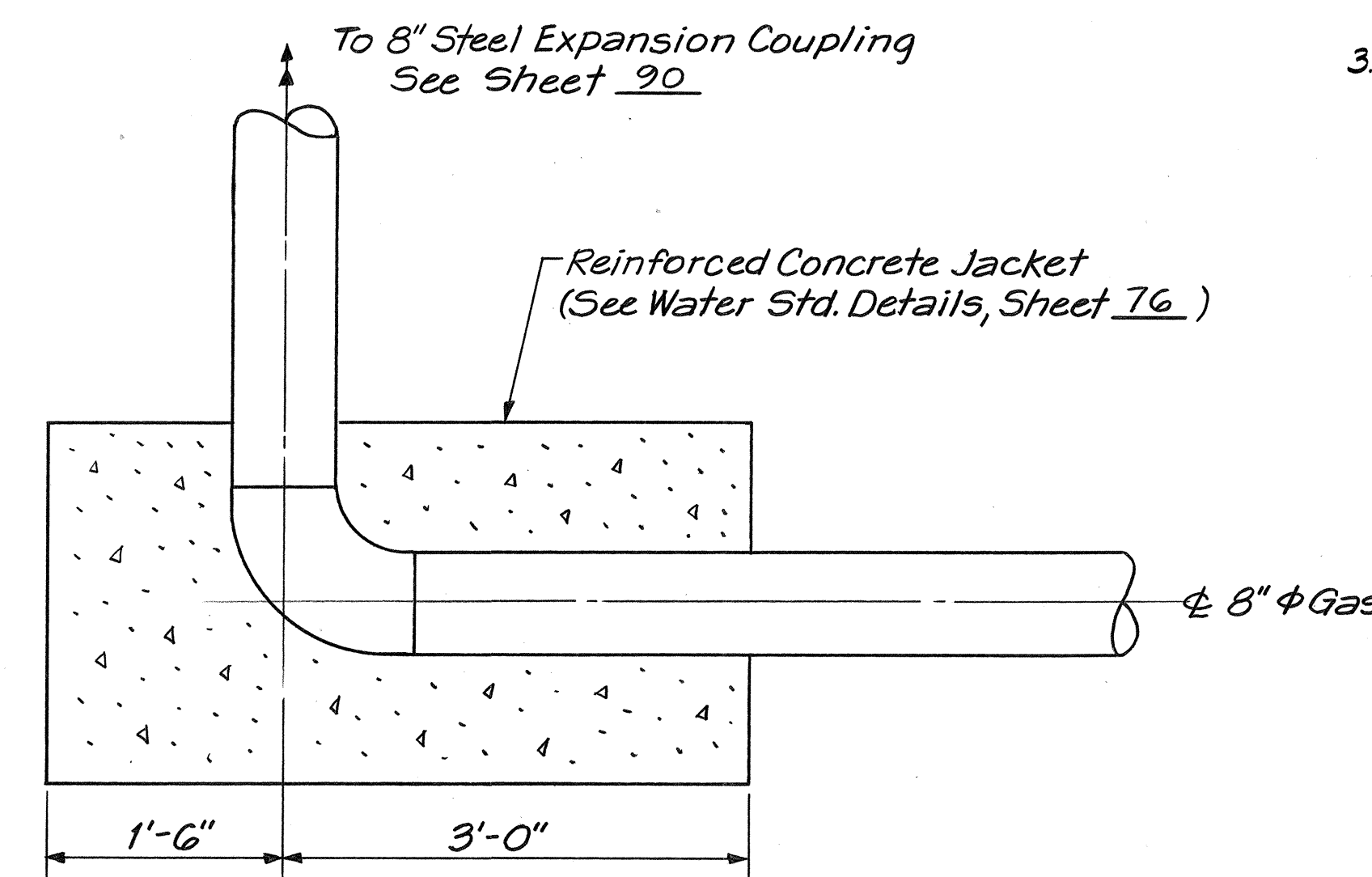
GAS PIT BOX



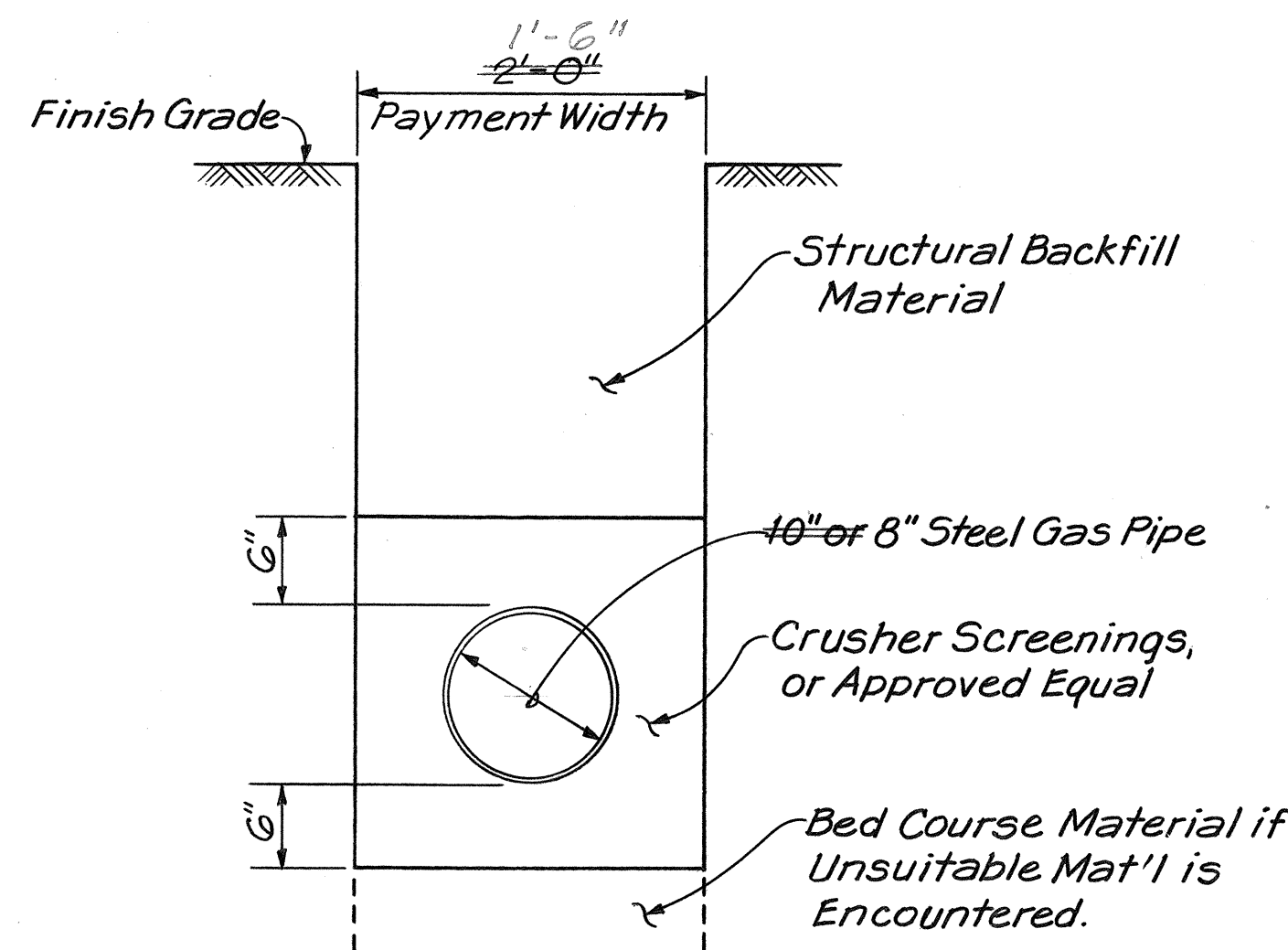
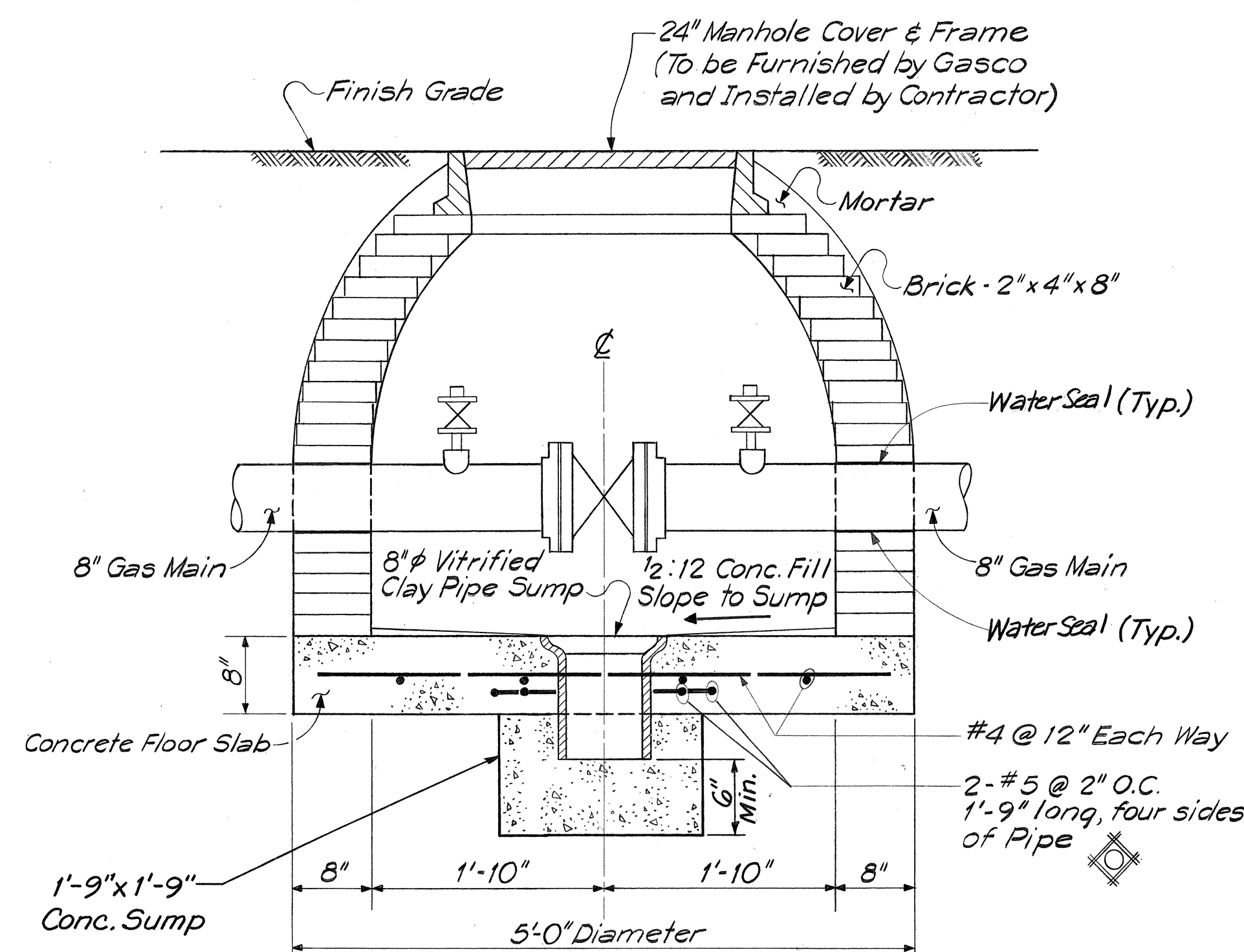
EXTRA REINFORCEMENT AT PIPE ENTRANCES
N.T.S.

NOTES:

- Concrete shall be Class A and shall have a compressive strength of 3000 psi in 28 days.
- All reinforcing bars shall conform to the requirements of ASTM A-615, Grade 40.
- Brick shall conform to the requirements of ASTM C55 and shall be of locally manufactured lava or cinder block.



REINFORCED CONCRETE JACKET FOR GAS LINE



GAS TRENCH DETAIL
N.T.S.

APPROVED:
[Signature]
Gasco, Inc. 7/4/76
Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GAS DETAILS

INTERSTATE ROUTE H-1
PROJECT NO. I-H1-1(130):17

SCALE: AS SHOWN DATE: July 15, 1976
SHEET No. 2 OF 2 SHEETS