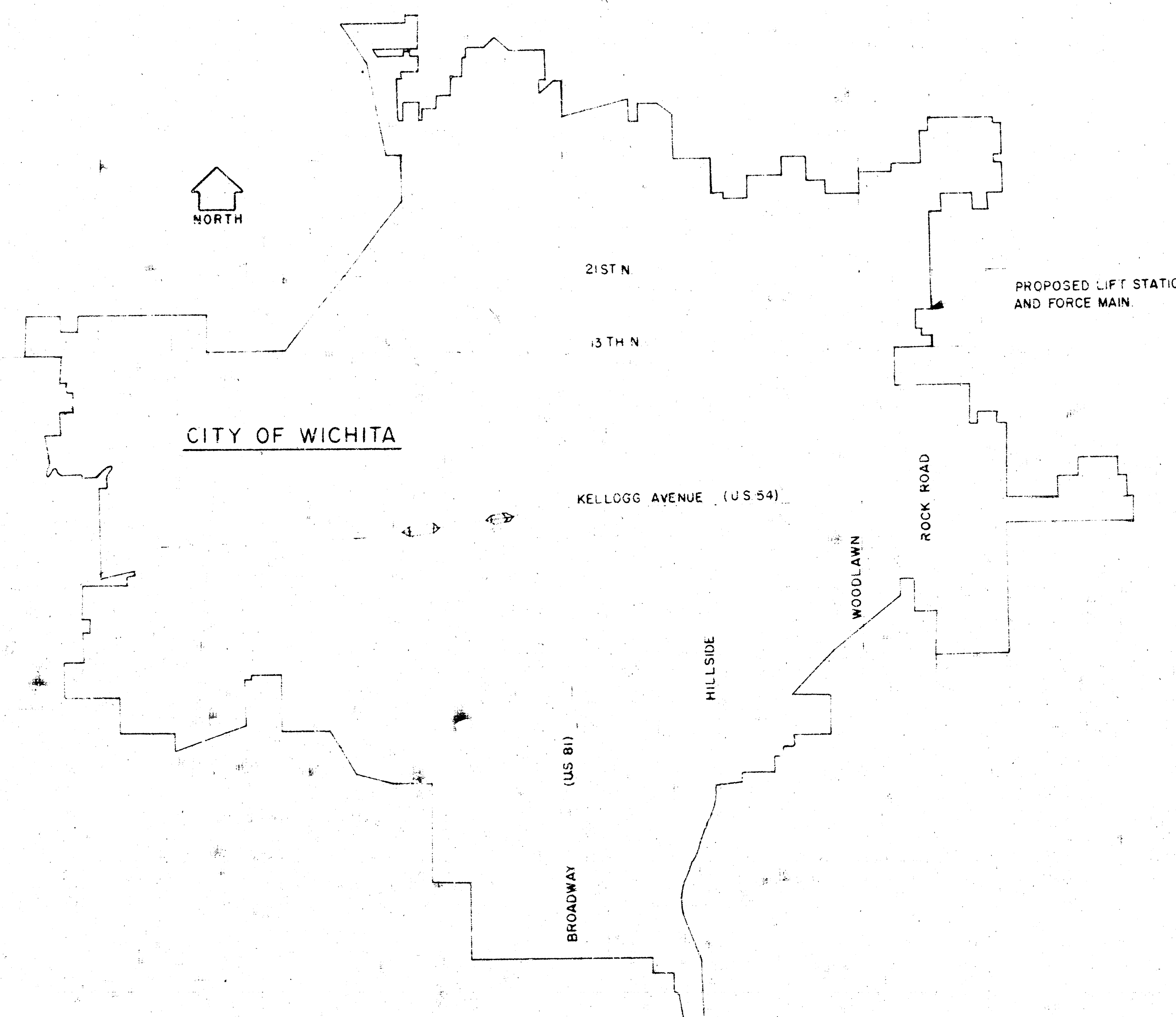


CHELSEA STATION

SANITARY SEWER LIFT STATION AND FORCE MAIN

CITY PROJ NO 468-76-245-80538-000-000-008

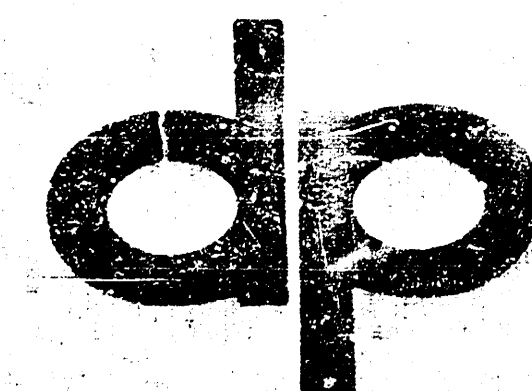


INDEX TO DRAWINGS

1. Title Sheet
2. Force Main and Access Road
3. Lift Station Details
4. Details
5. Electrical & Warning Sign Details

DEVELOPER

MAX L. COLE & ASSOCIATES

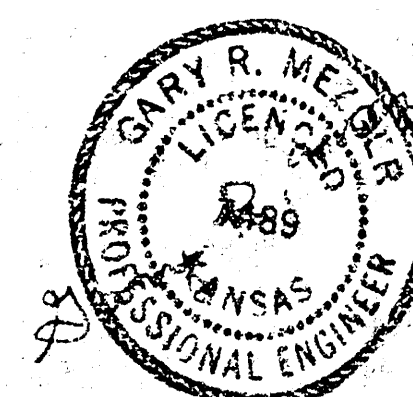


POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS

NOTE TO CONTRACTOR

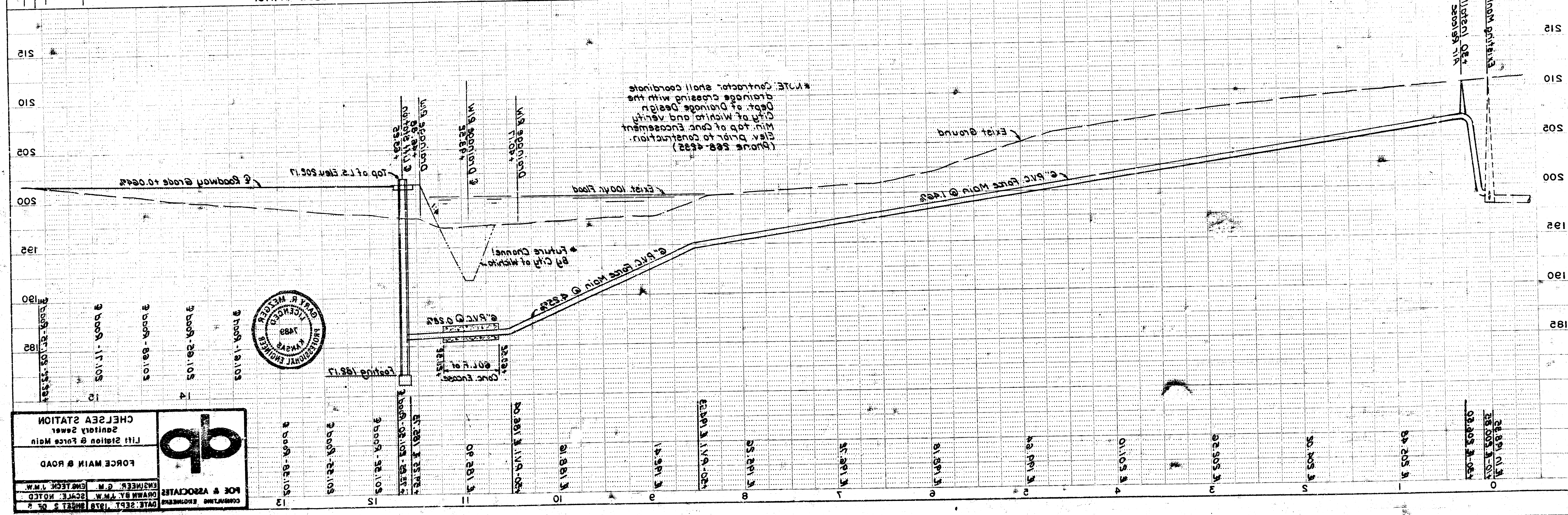
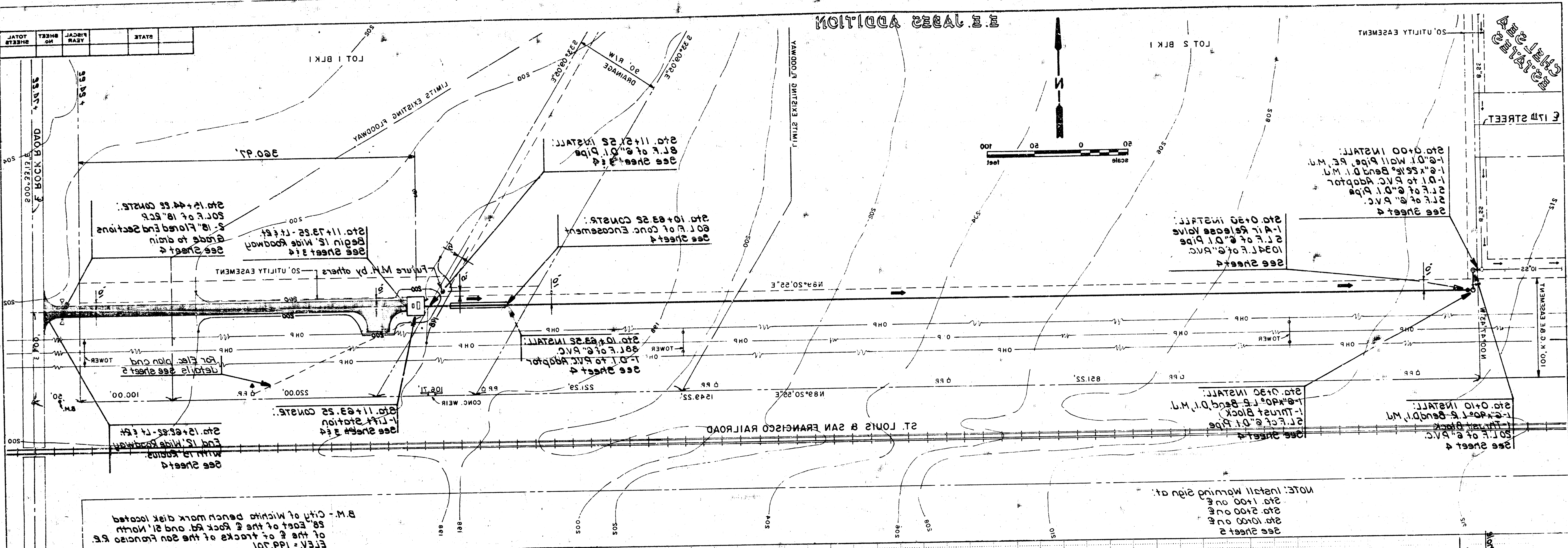
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of inspection.

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers _____
Storm Sewers _____
Driveway Approaches _____



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FORCE MAIN & ROAD

CHERSEA STATION

Sanitary Sewer

11th Street & Force Main

DATE: SEPT. 1978

SHEET 5 OF 5

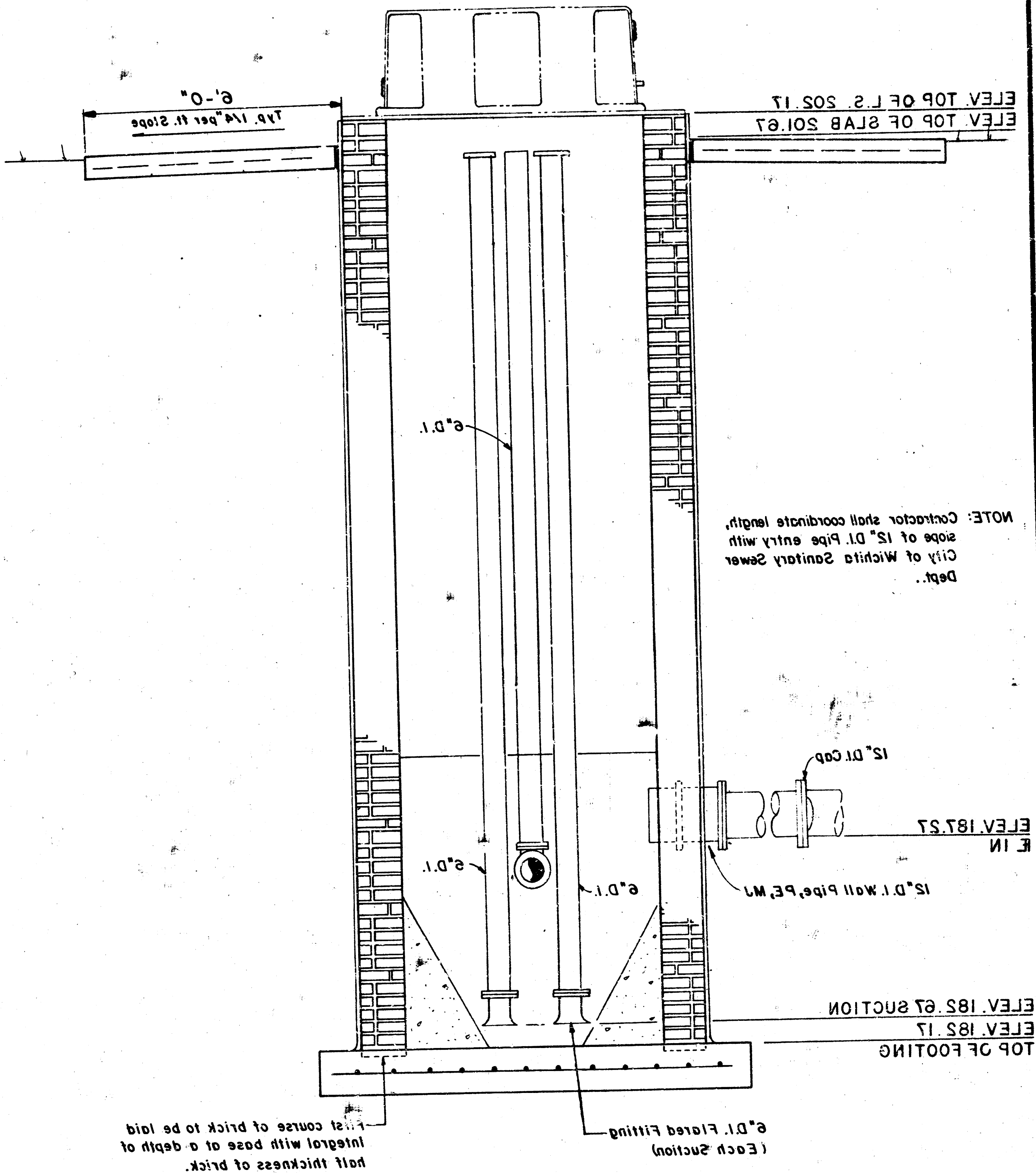
CONSULTING ENGINEER

POE & ASSOCIATES

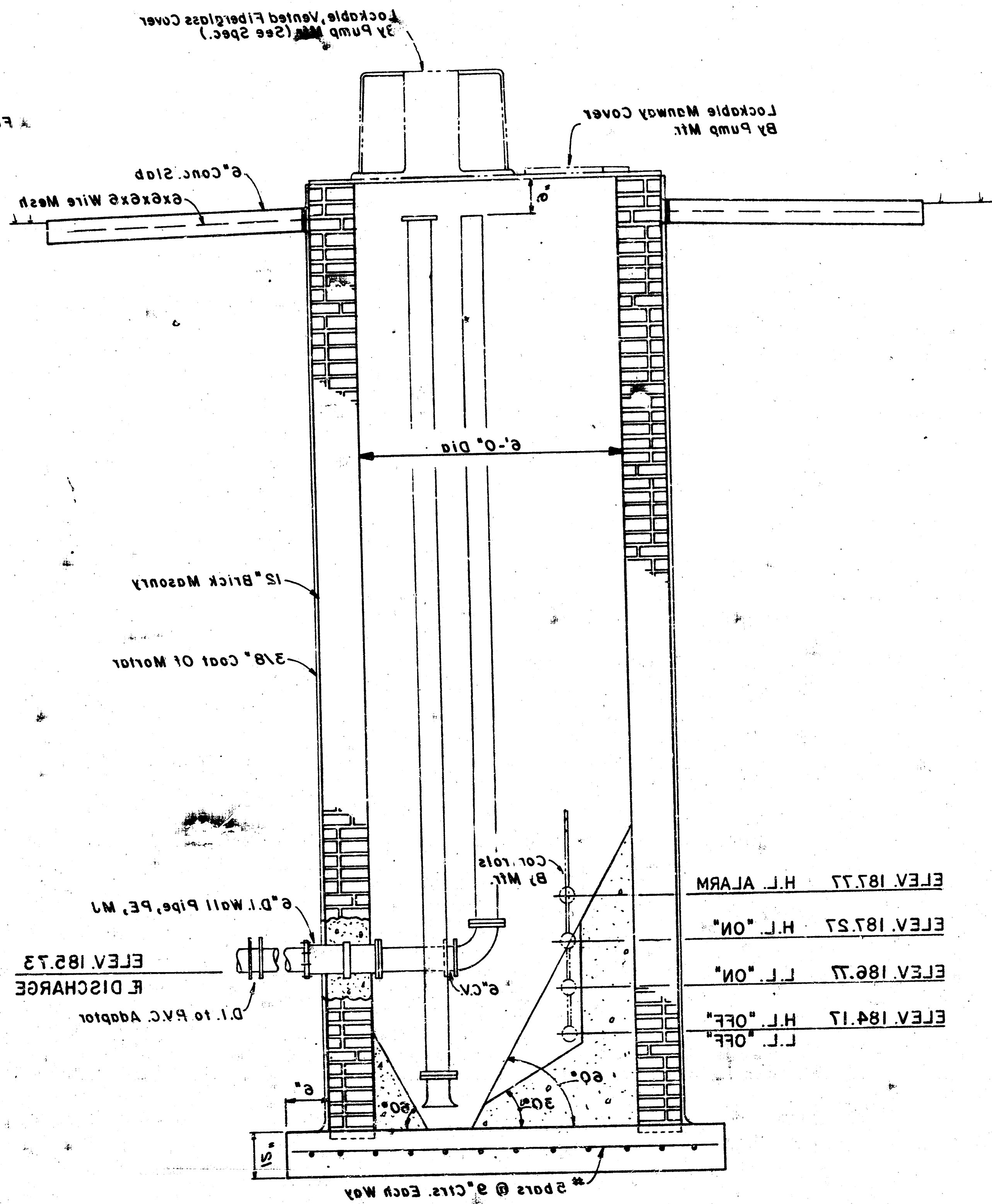
REGISTERED PROFESSIONAL ENGINEER

STATE OF NEW YORK

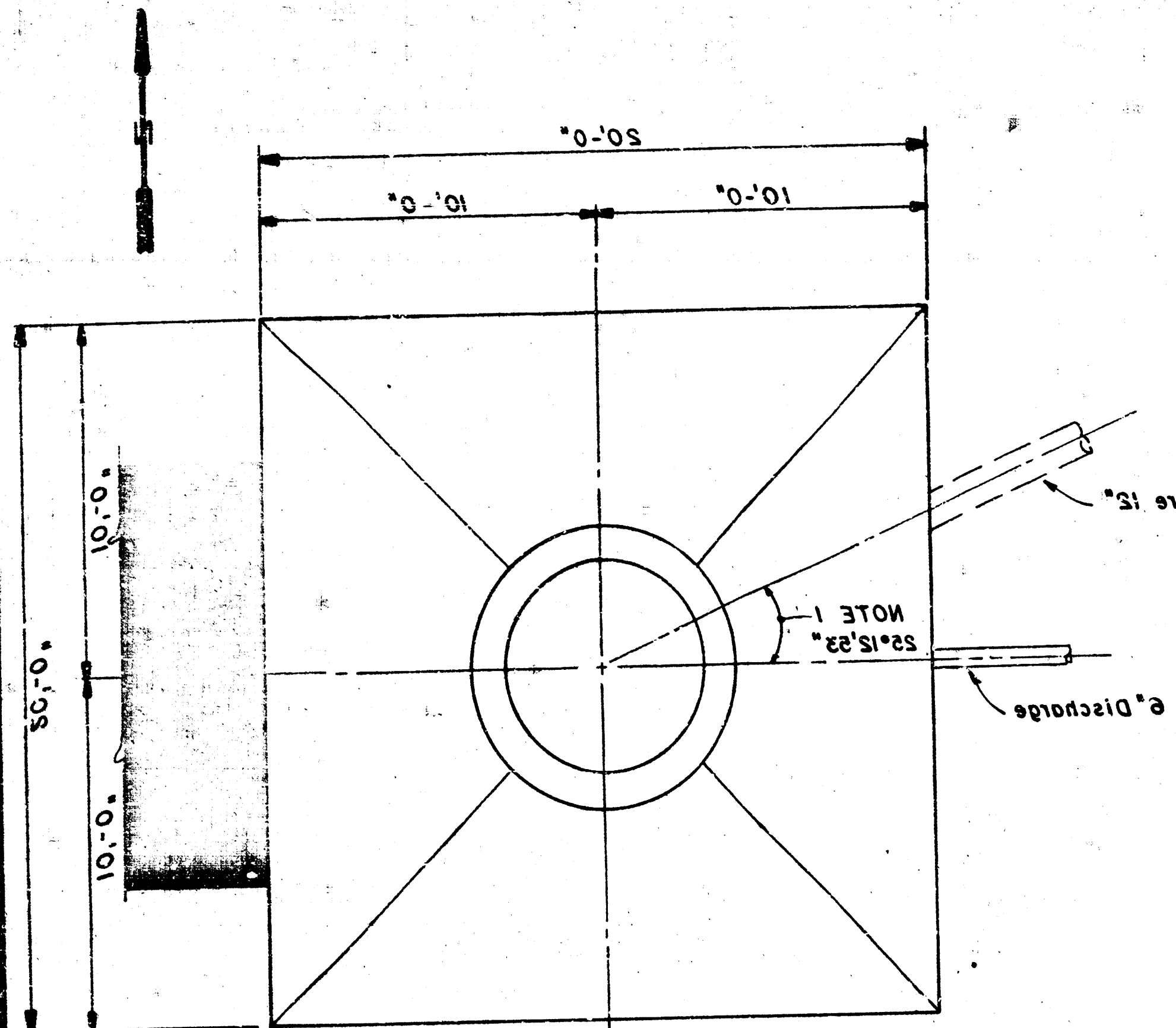
NO. 1483



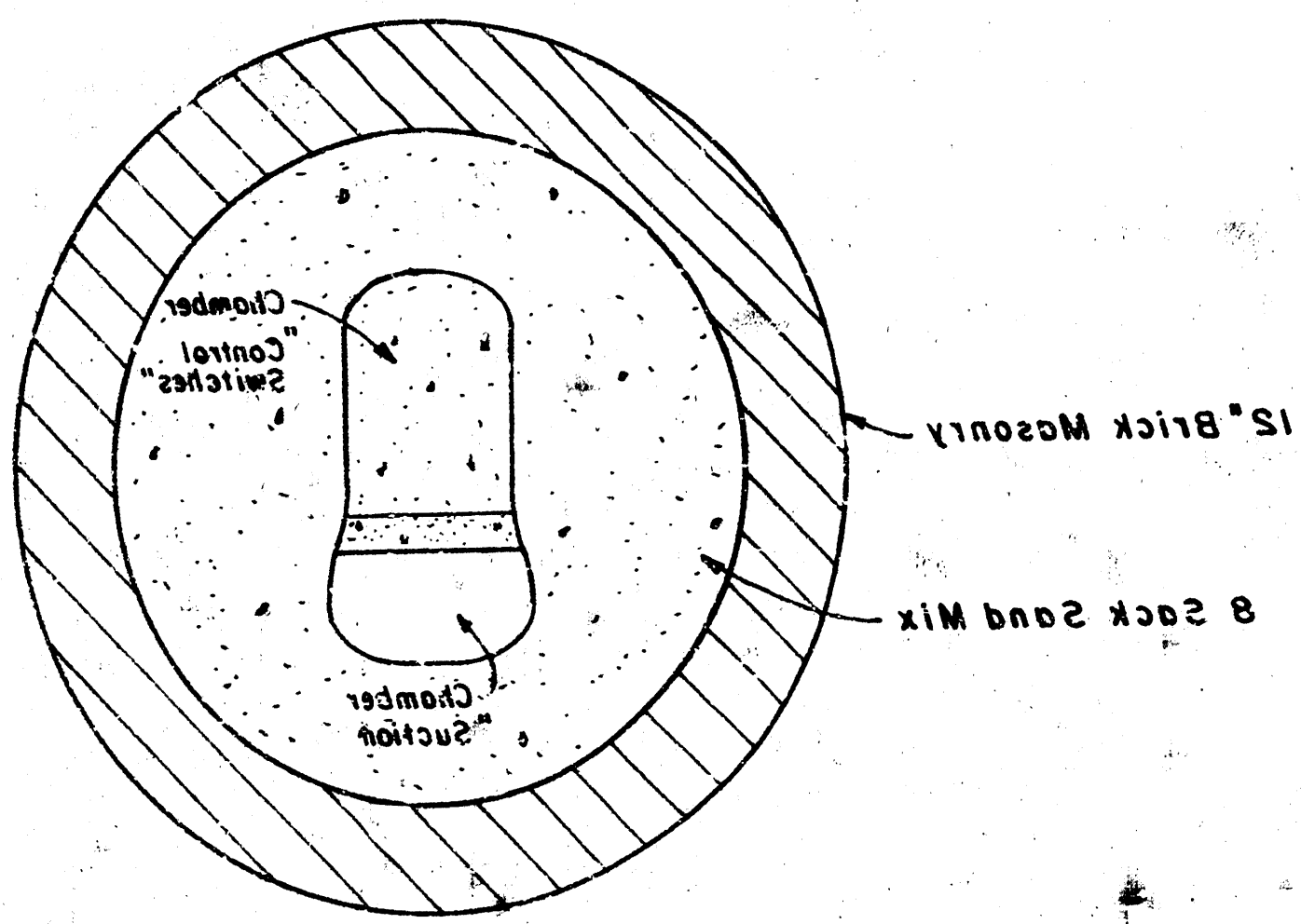
SECTION LOOKING EAST



SECTION LOOKING SOUTH



PLAN



INVERT PLAN

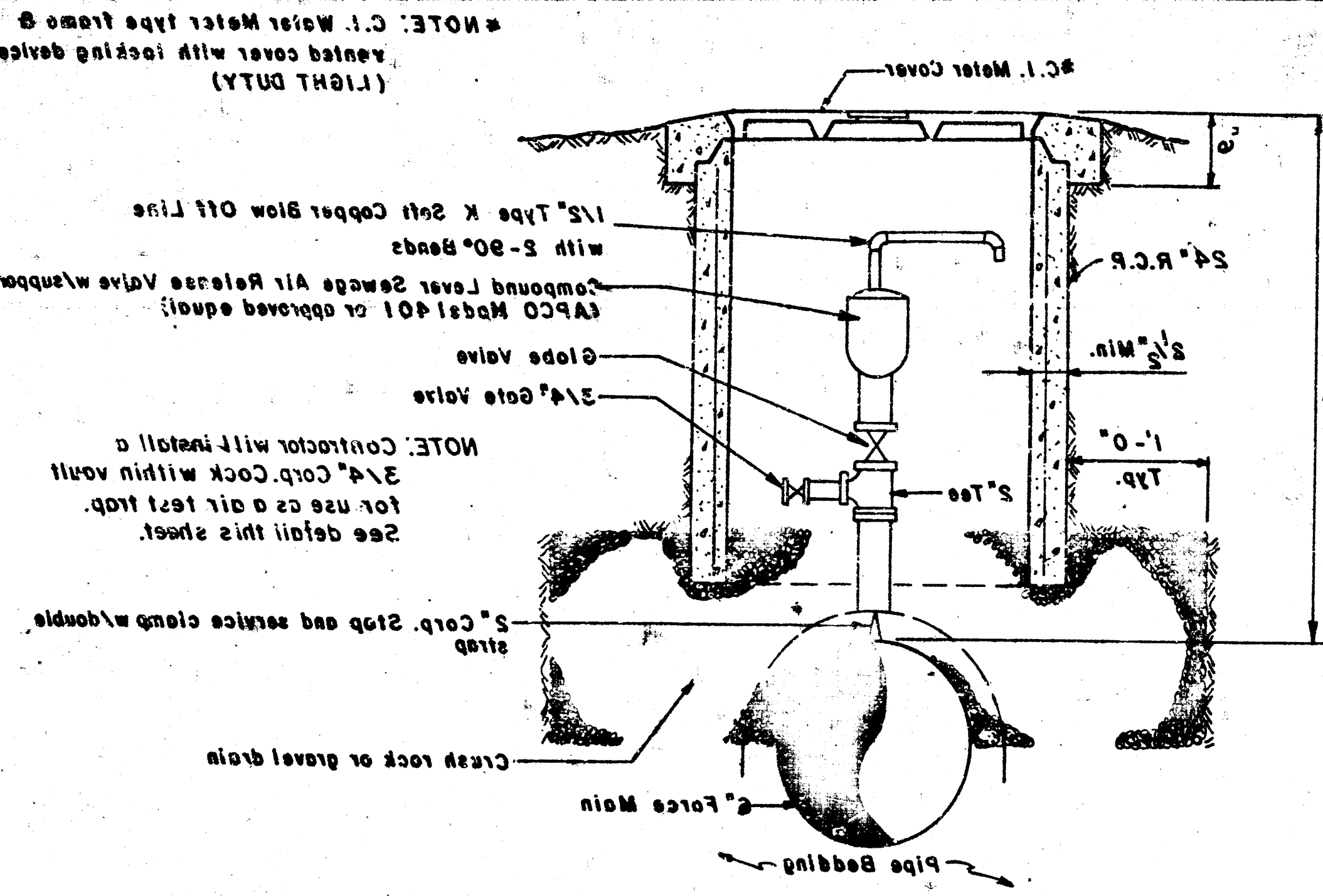
GENERAL NOTES

1. Contractor shall coordinate angle of 15" DI Pipe entry into well with the City of Wichita Sanitary Sewer Design Dept.
2. All piping and fittings shall be Ductile Iron 2'-0" best wet well excavation and maintain spacing per pump Mfr's spec.
3. For pumps and associated equipment SEE SPEC.
4. For step elevations and lift station location SEE SHEET 5 & 6
5. Mortar used in masonry construction shall contain 8 sacks of cement per cubic yard
6. Footing and slab shall be 8 sack paving mix

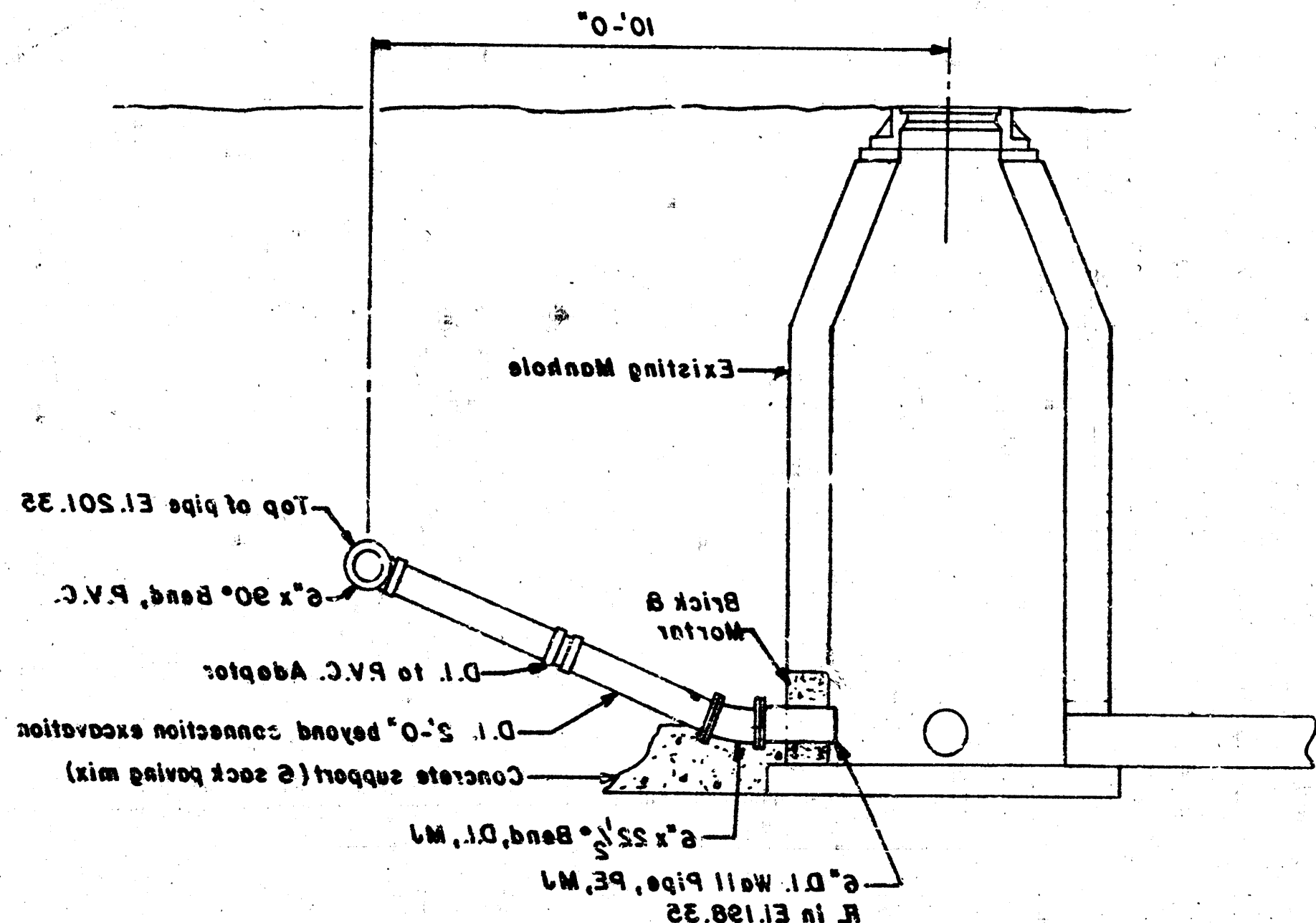
POE & ASSOCIATES
ENGINEER, D.M. ENG. TECH. J.W.
DRAWN BY J.M.W. SCALE: NONE
DATE: SEPT. 1987

LIFT STATION
LIFT STATION & FORCE MAIN
CHELSEA STATION
Sanitary Sewer

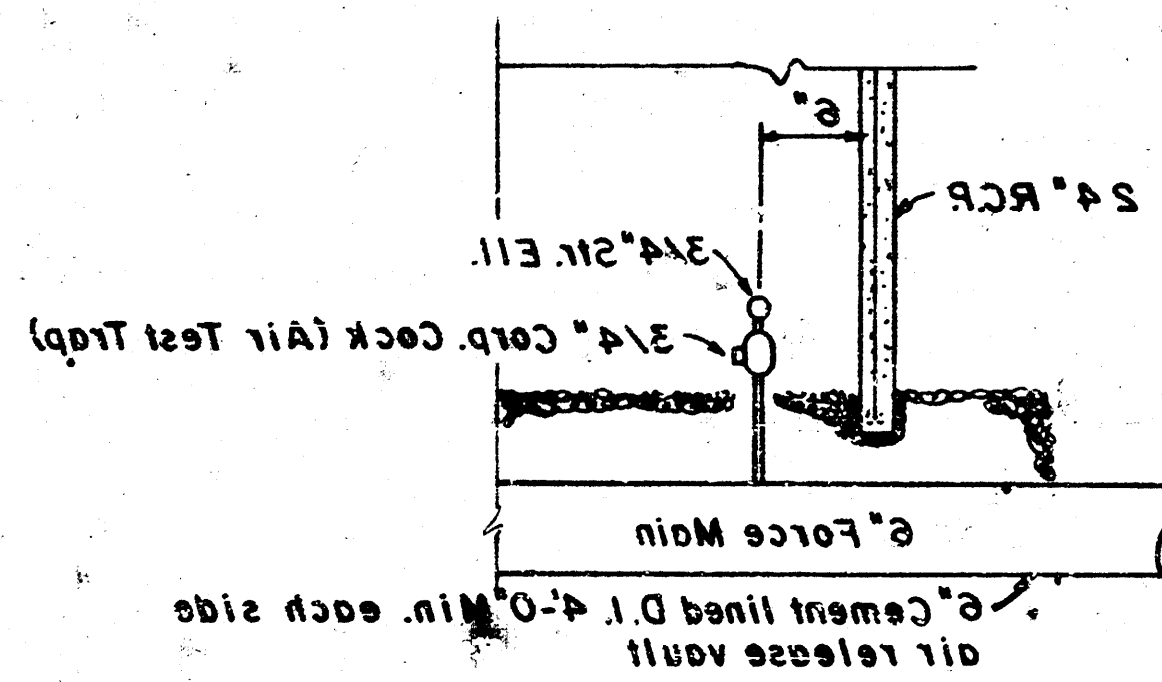
PROFESSIONAL ENGINEER
STATE OF KANSAS
LICENSE NO. 4490
DAVID R. MESSER



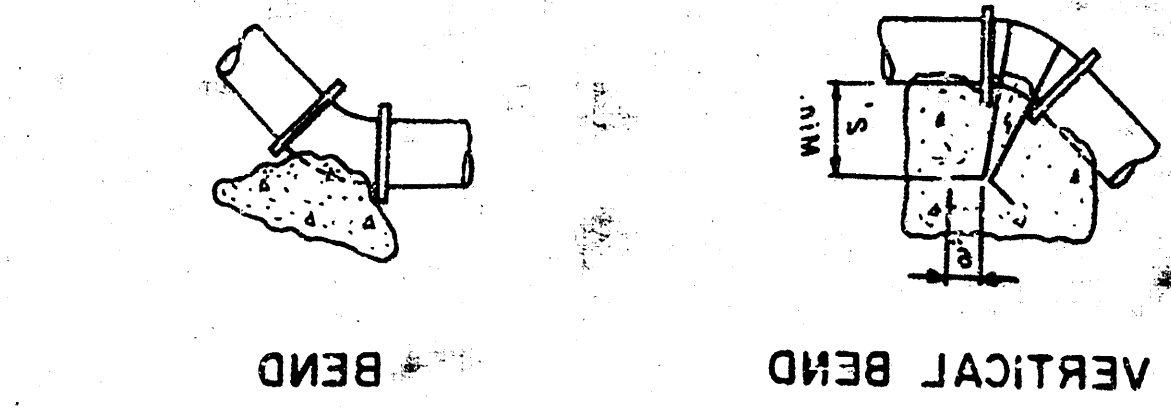
SEWAGE
AIR RELEASE VALVE



FORCE MAIN CONNECTION

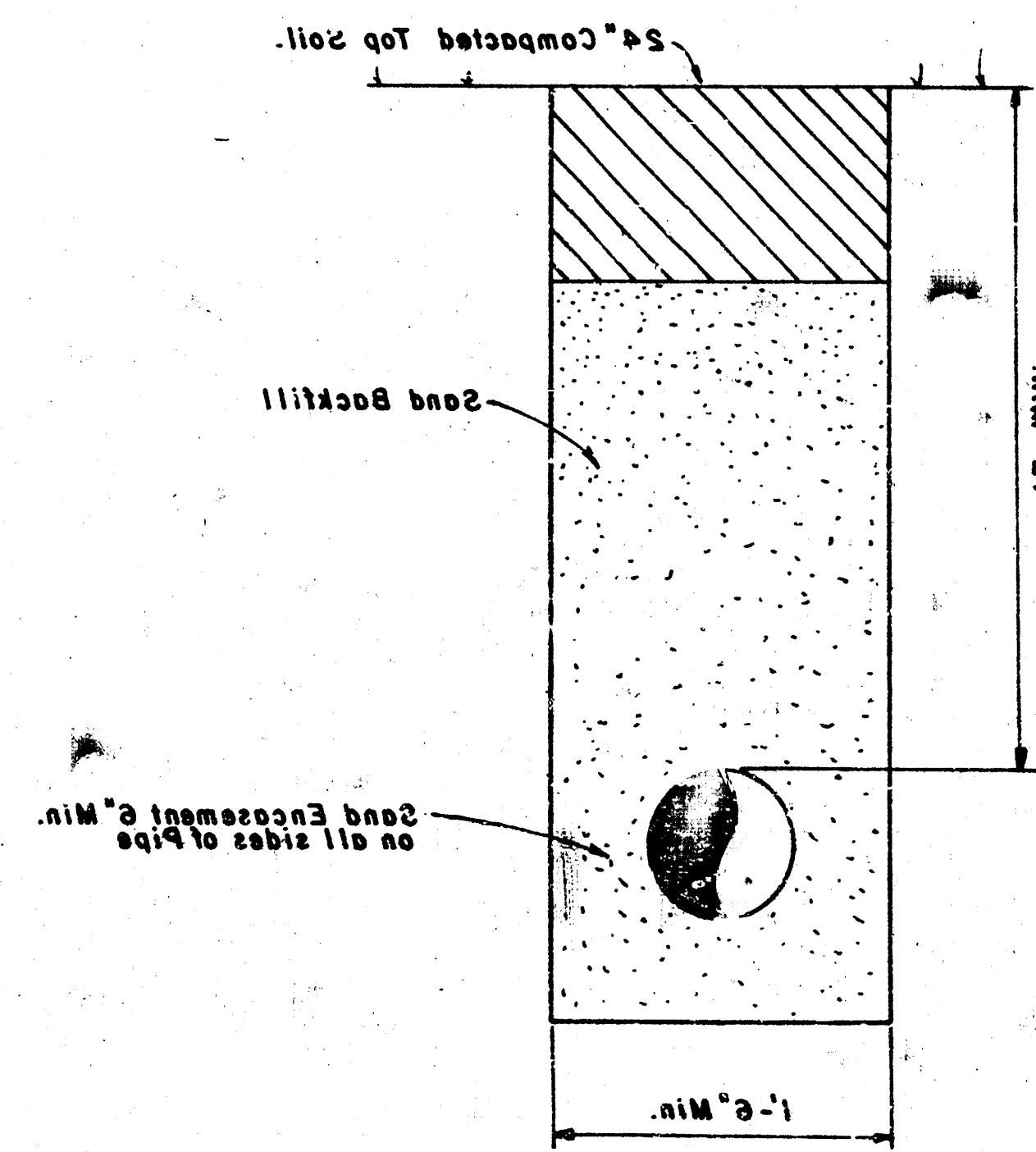


AIR TEST TRAP

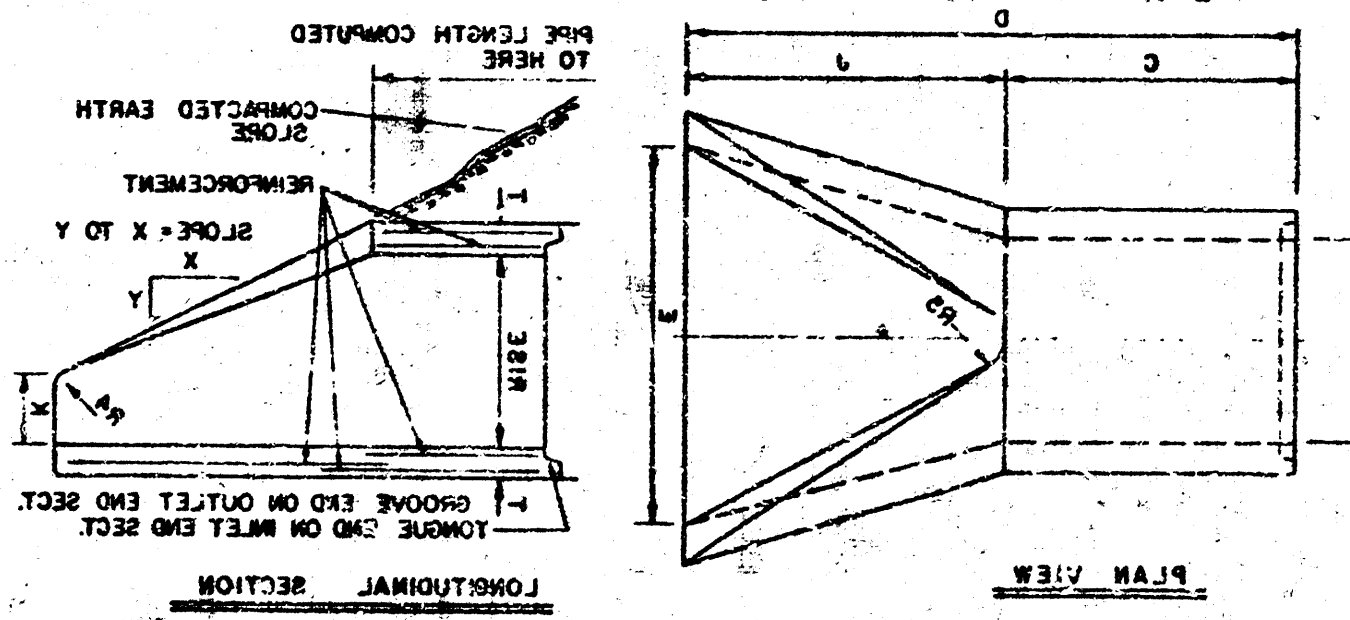


PIPE SIZE	THRUST FITTINGS IN TONS AT 150 PSI
6"	3.95
8"	5.12
10"	6.28
12"	7.45
14"	8.62
16"	9.79
18"	10.96
20"	12.13
22"	13.30
24"	14.47
26"	15.64
28"	16.81
30"	17.98
32"	19.15
34"	20.32
36"	21.49
38"	22.66
40"	23.83
42"	25.00
44"	26.17
46"	27.34
48"	28.51
50"	29.68
52"	30.85
54"	32.02
56"	33.19
58"	34.36
60"	35.53
62"	36.70
64"	37.87
66"	39.04
68"	40.21
70"	41.38
72"	42.55
74"	43.72
76"	44.89
78"	46.06
80"	47.23
82"	48.40
84"	49.57
86"	50.74
88"	51.91
90"	53.08
92"	54.25
94"	55.42
96"	56.59
98"	57.76
100"	58.93

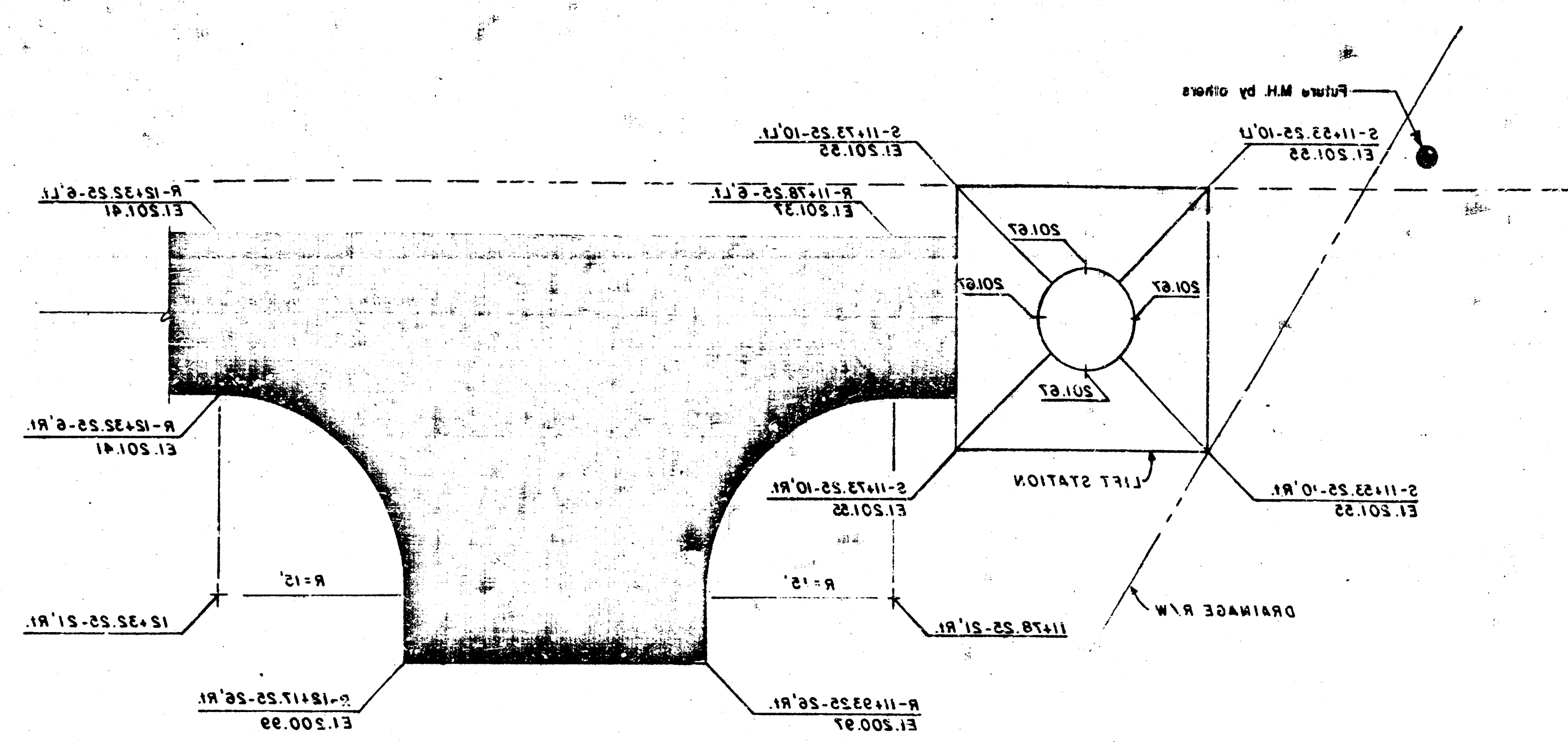
THRUST BLOCKS



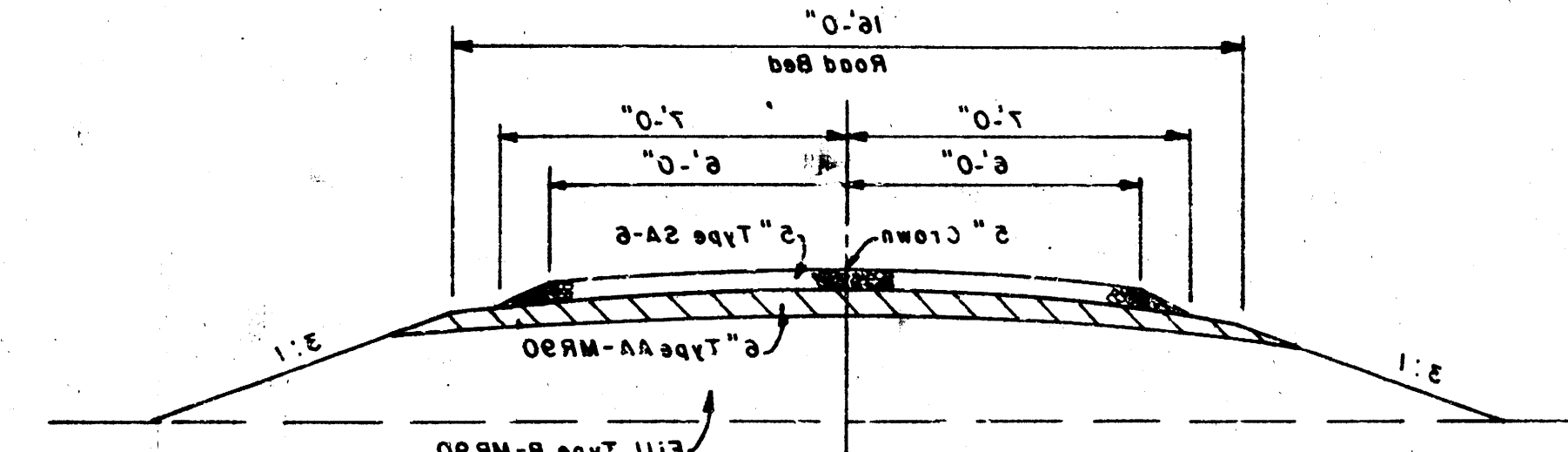
TRENCH DETAIL



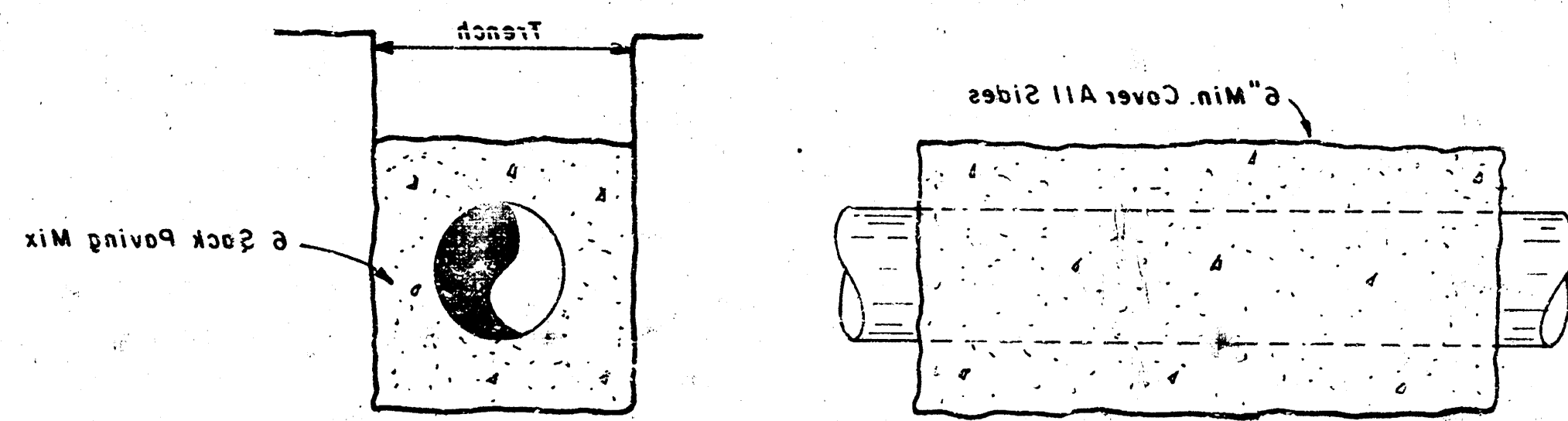
FLARED END SECTION



LIFT STATION & PARKING
SPOT ELEVATIONS



TYPICAL ROAD SECTION

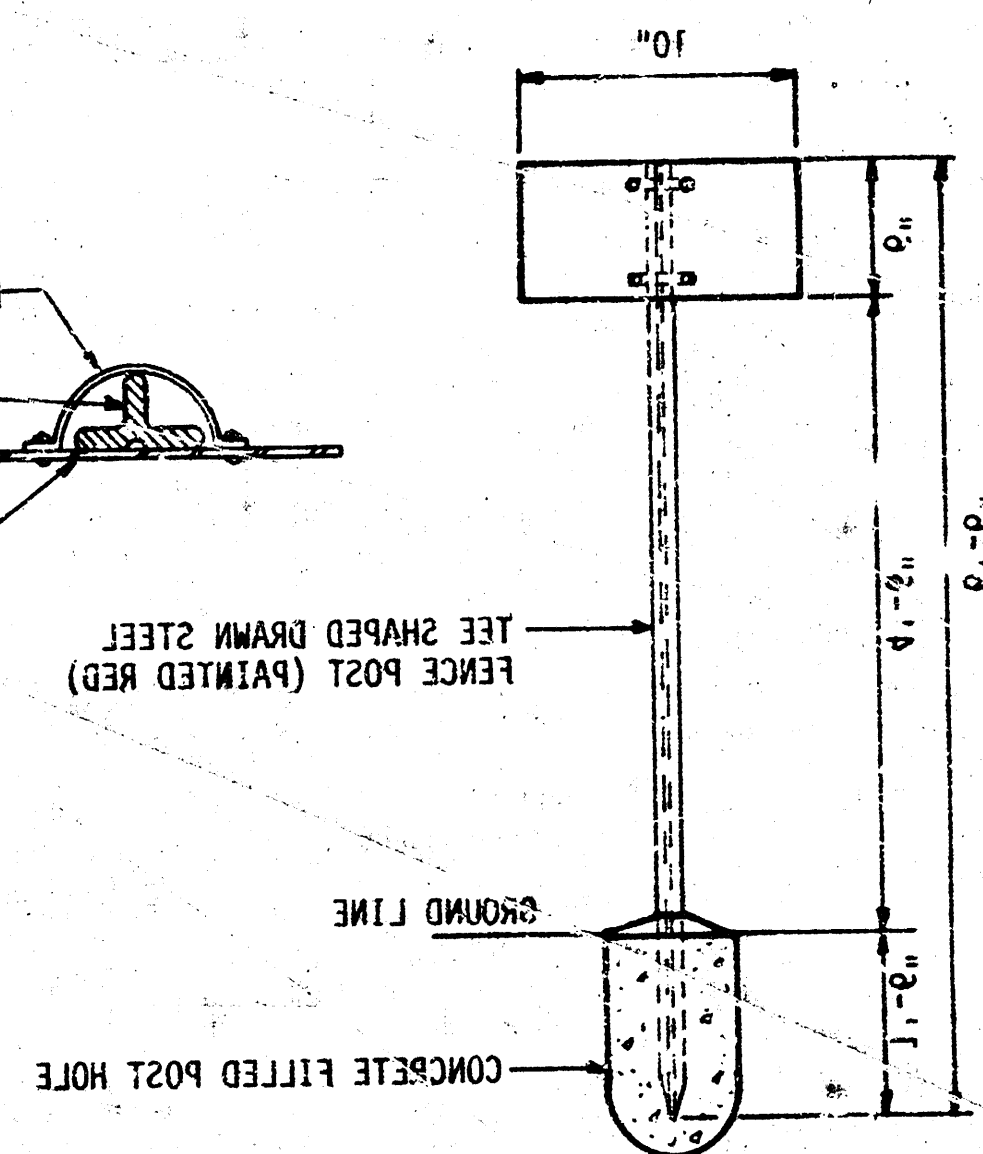


CONCRETE ENCASEMENT

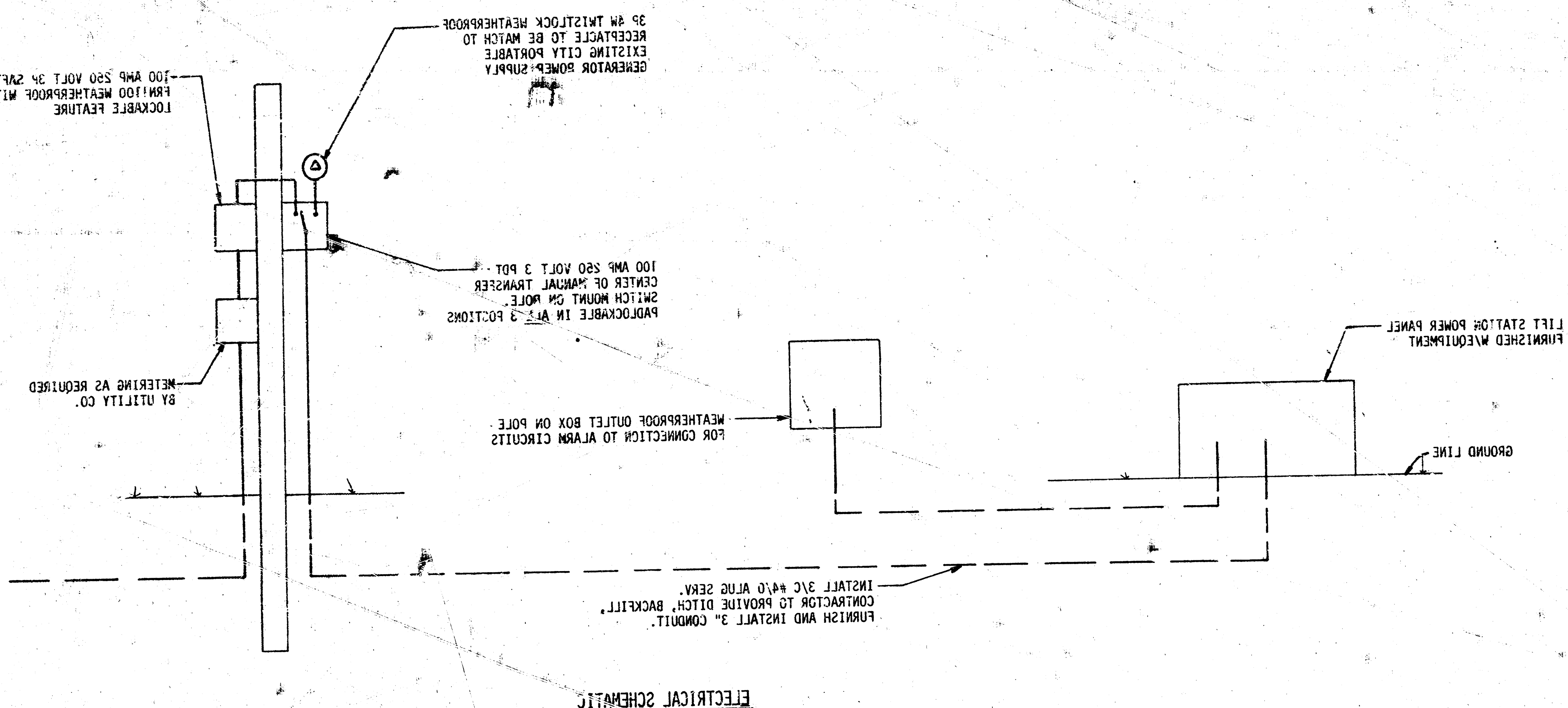


FOR & ASSOCIATES
ENGINEERS & ARCHITECTS
1111 Broadway, New York, N.Y. 10038
TEL: (212) 123-4567
FAX: (212) 123-4568
WWW.FOR-AND-ASSOCIATES.COM

CHelsea STATION
Sanitary Sewer
Lift Station & Force Main
DETAILS



NOTE: SIGNS SHALL BE SET AT THE FORCE MAIN IS INSTALLED AND
PLACED SO SIGNS MAYBE READ SO TO FORCE MAIN ON
CENTERLINE. SEE SHEET S (STATION) FOR PLACEMENT. ALL
MOUNTING DEVICES SHALL BE OF RUST PROOF METAL.



CHELSEA STATION Sanitary Sewer Lift Station & Force Main	
ELECTRICAL & SIGN DETAILS	P&S ASSOCIATES INC. 10000 WILSON AVENUE SUITE 100 BOSTON, MA 02120 TEL: 867-1781
CHECKED BY DATE	ENGINEER & CHECKED BY DATE