

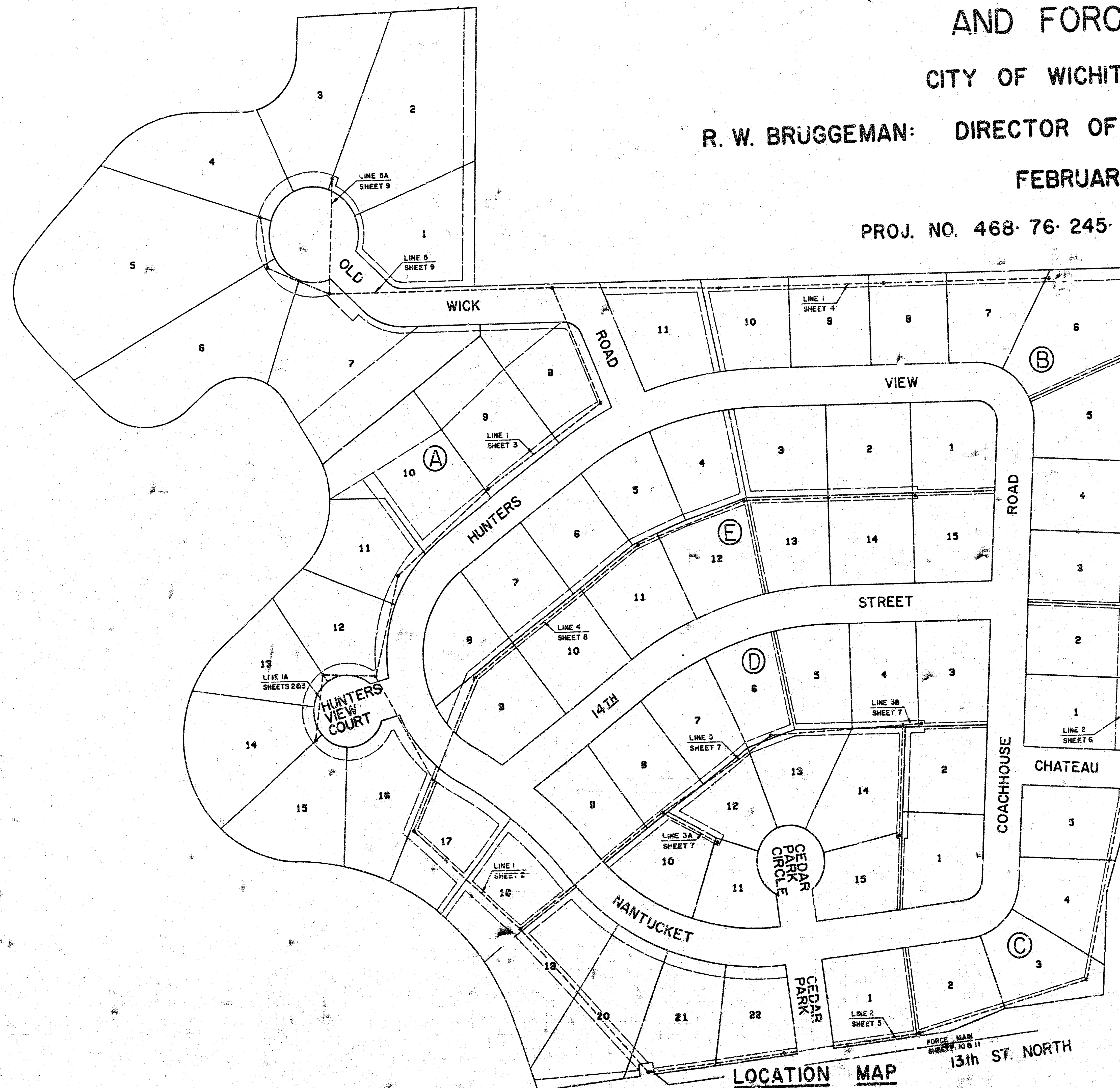
LATERAL 162, SOUTHWEST INTERCEPTOR SEWER AND TEMPORARY LIFT STATION AND FORCE MAIN

CITY OF WICHITA, KANSAS

R. W. BRUGGEMAN: DIRECTOR OF ENGINEERING / CITY ENGINEER

FEBRUARY 1981

PROJ. NO. 468-76-245-81044-000-000-001



NOTE: RISERS SHALL BE INSTALLED TO SERVE INDIVIDUAL LOTS AS DETERMINED BY THE ENGINEER IN ACCORDANCE WITH THE STANDARD RISER DETAIL SHEET.

PLANS PREPARED BY
DELAMATER, FREUND & ASSOCIATES, P.A.
ENGINEERS AND ARCHITECTS
WICHITA, KANSAS

LOCATION MAP
CEDAR PARK CHATEAUX

2-11-81

1/13

B.M. 150.96 R.R. spk. top piling S.W. cor.
wood bridge 1/4 mile West of 119th St. West
on 13th St North

Sta. 0+00 Line 1
Construct Pump Sta.
See Sheets 12 & 13

Sta. 3+88.30 Line 1 =
Sta. 0+00.00 Line 3
Construct M.H.
Type "A" or "C"

Sta. 5+78.32
Const. M.H.
Type "A" or "C"

Sta. 6+68.06 Line 1 =
Sta. 0+00.00 Line 4
Construct M.H.
Type "A" or "C"

Sta. 2+03.32
Const. M.H.
Type "A" or "C"
Install 4" Stub S.

Sta. 0+92.88
Const. M.H.
Type "A" or "C"

Sta. 8+62.88 Line 1 =
Sta. 0+00.00 Line 1A
Construct M.H.
Type "A" or "C"

NOTE: See Sheet 3
for Line 1A Profile.

Sta. 10+40.70 Line 1

SCALE
Plan: 1"=40'
Profile: Horiz. 1"=40'
Vert. 1"=4'

Prop. T.C. El. 153.8

Sta. 0+00.00 Line 1 =
Sta. 0+00.00 Line 2
Construct Pump Sta.
El. 154.04
Top Pump Station

(Min. Bldg. Pad El. 153.6

Sta. 3+88.30 Line 1 =
Sta. 0+00.00 Line 3
Const. M.H.
Type "A" or "C"

Sta. 5+78.32
Const. M.H.
Type "A" or "C"

Sta. 6+68.06 Line 1 =
Sta. 0+00.00 Line 4
Const. M.H.
Type "A" or "C"

Sta. 8+62.88 Line 1 =
Sta. 0+00.00 Line 1A
Const. M.H.
Type "A" or "C"

Prop. Top W. Curb
El. 153.4

El. 155.2

El. 133.34 &
Pump Sta.

Force Main El. 149.41
Line 1 El. 137.34
Line 2 El. 146.25

137.64

137.94

138.24

138.54

138.84

El. Out 139.18
El. In 139.28
139.34

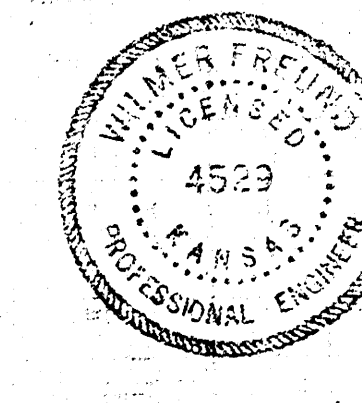
Line 1 El. Out 139.54
Line 1 El. In 139.64
Line 4 El. In 139.64
139.74

139.04

Line 1 El. Out 140.25
Line 1 El. In 140.35
Line 1A El. In 141.49

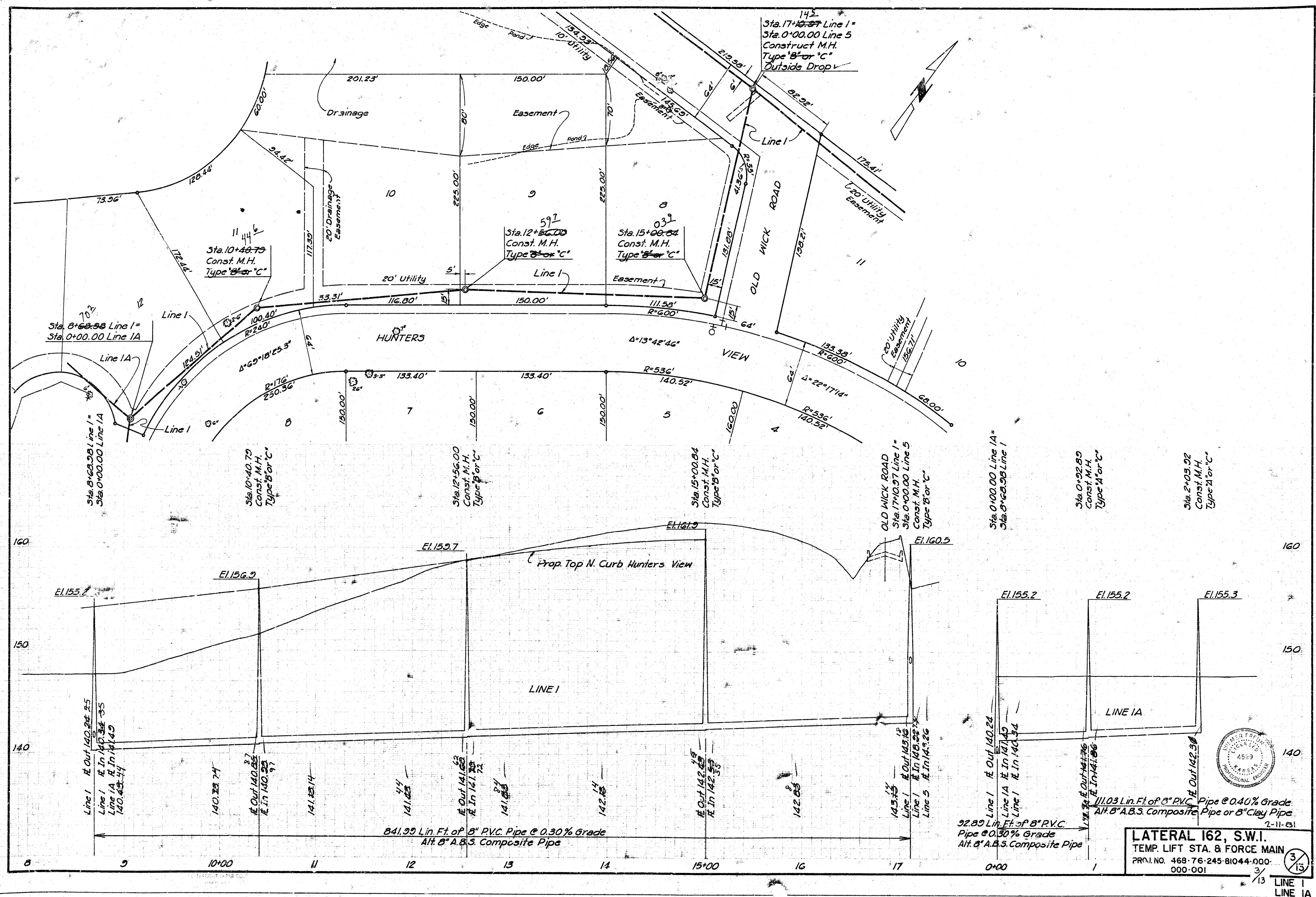
668.28 Lin. Ft. of 8" PVC Pipe @ 0.30% Grade
Alt. 8" R.C.S. Composite Pipe

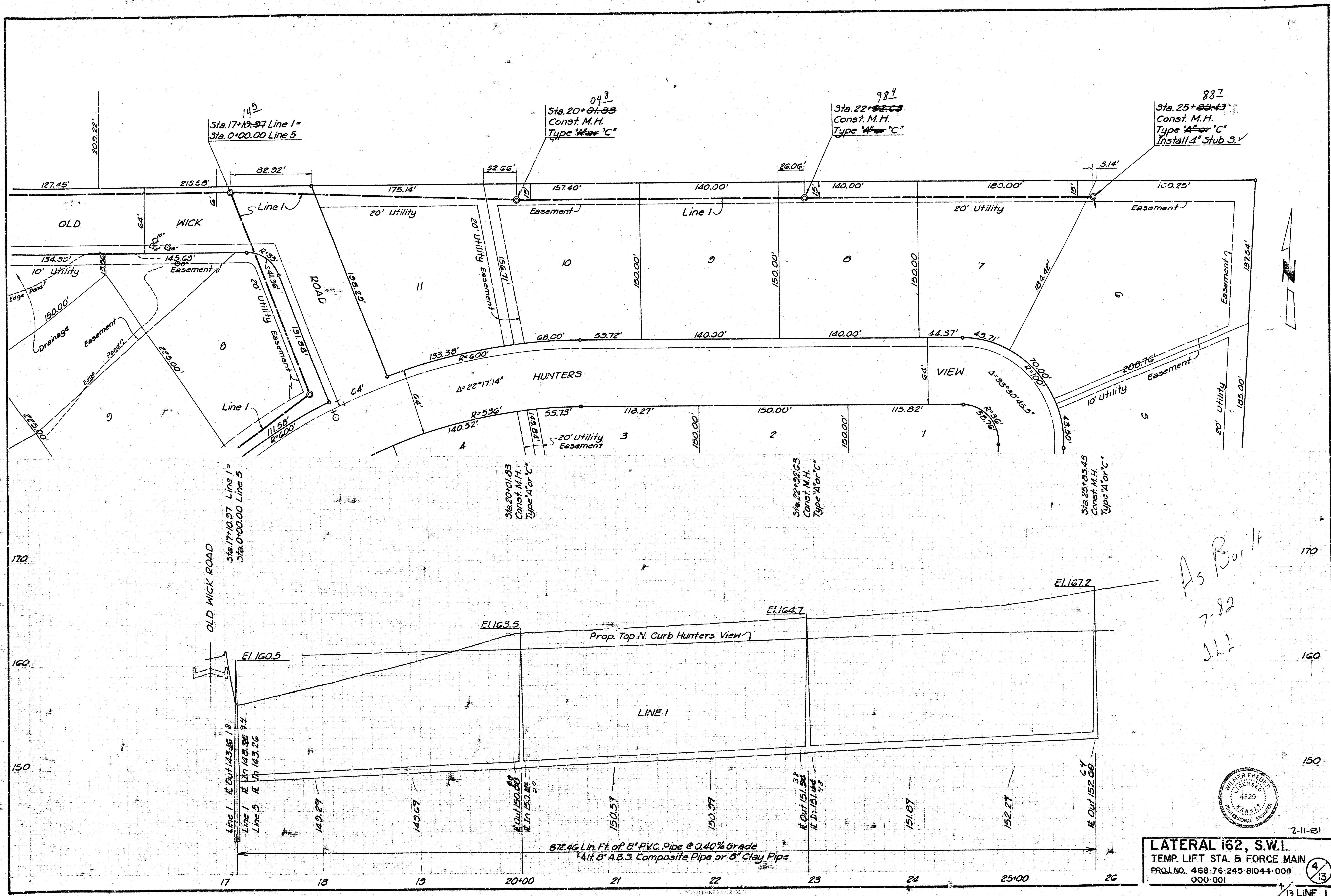
LATERAL 162, S.W.I.
TEMP. LIFT STA. & FORCE MAIN
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2-11-81

LINE 1
2/13





As Built
7-82
J.L.

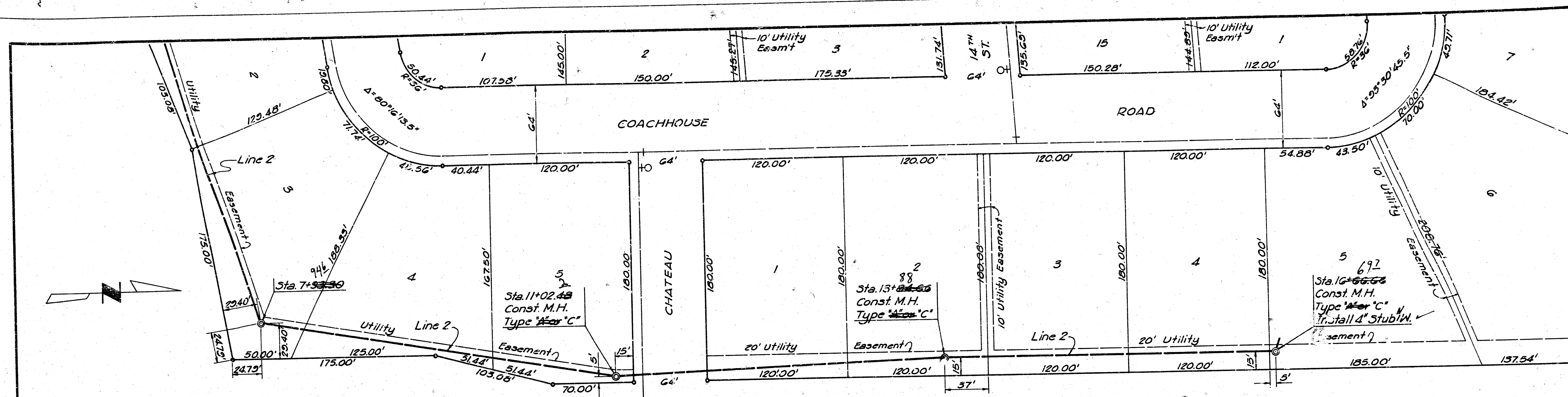


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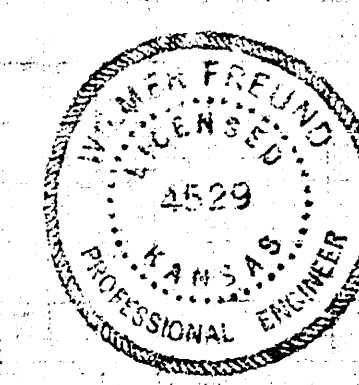
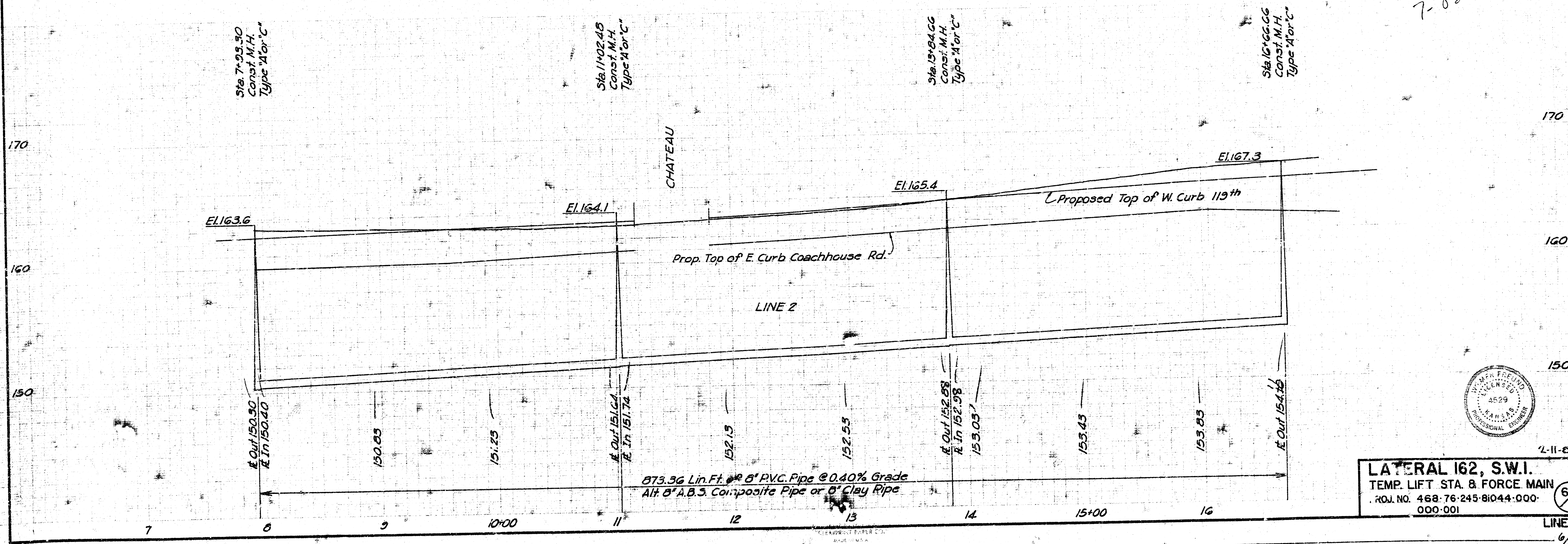
4/13

1/3 LINE 1

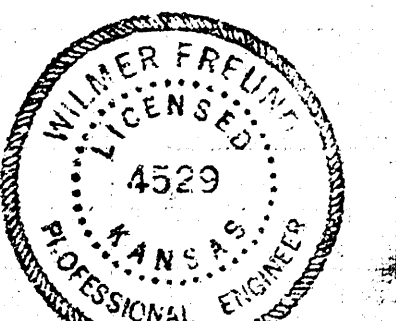
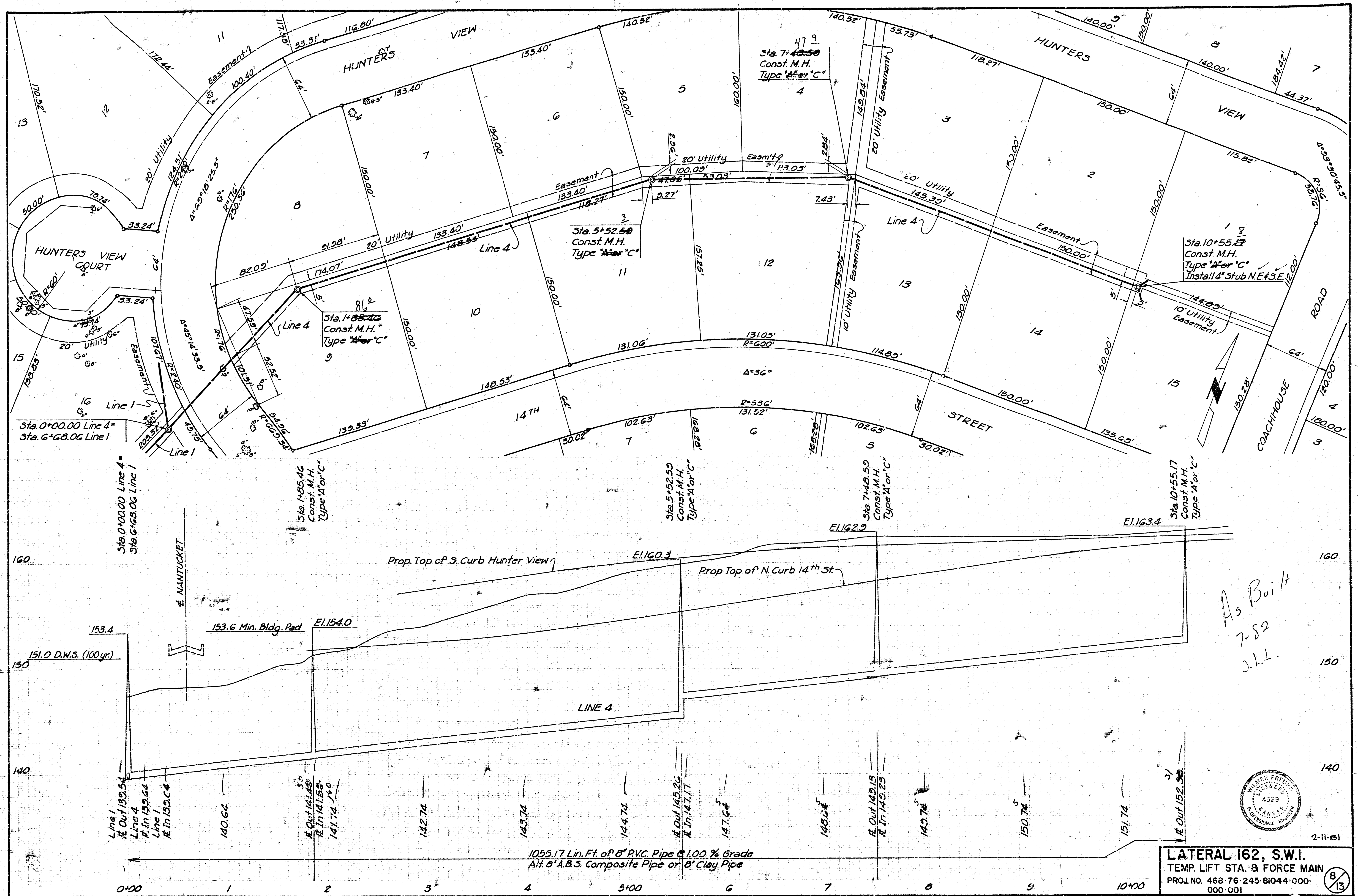
*** #4



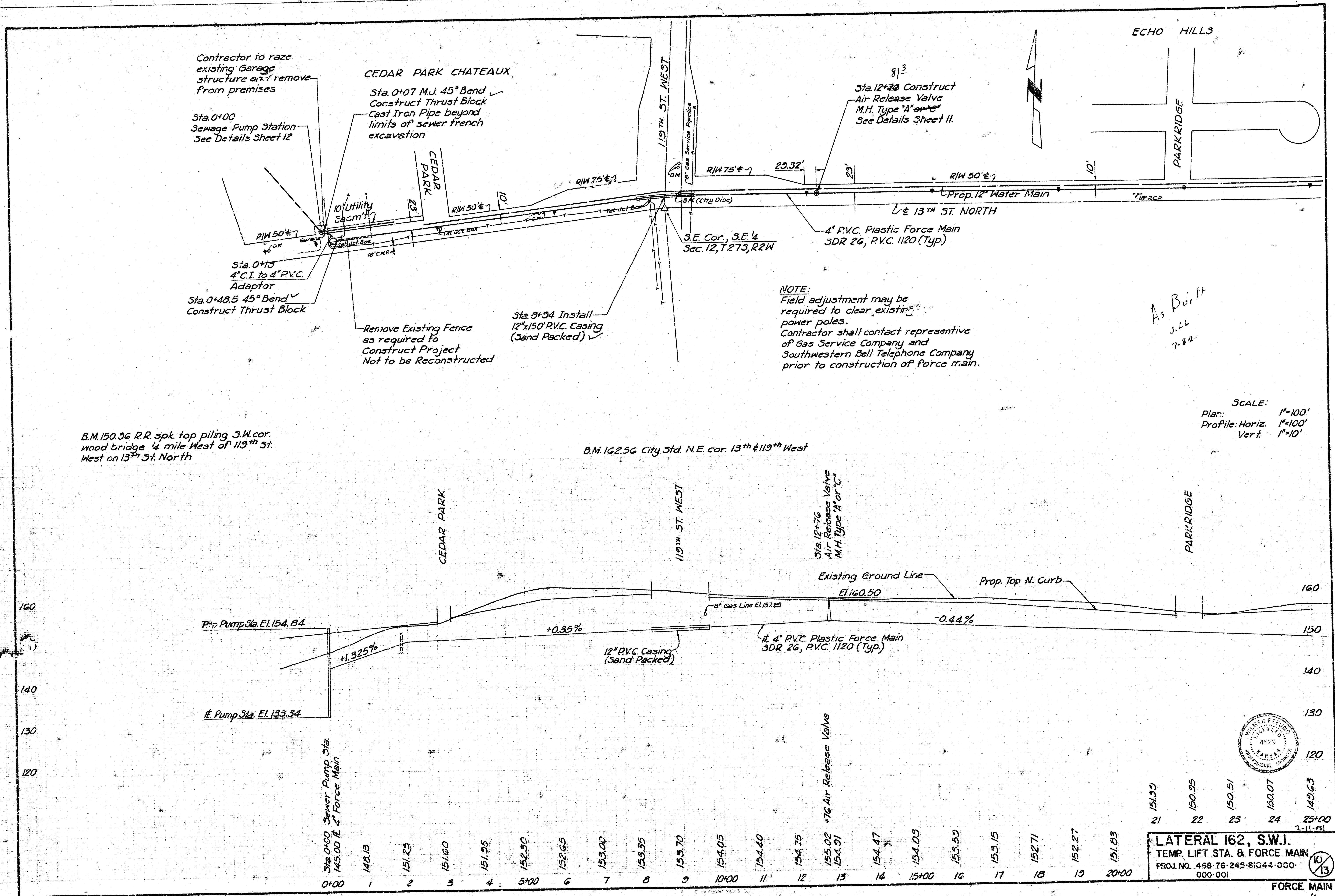
As Built
J.L.L.
7-82

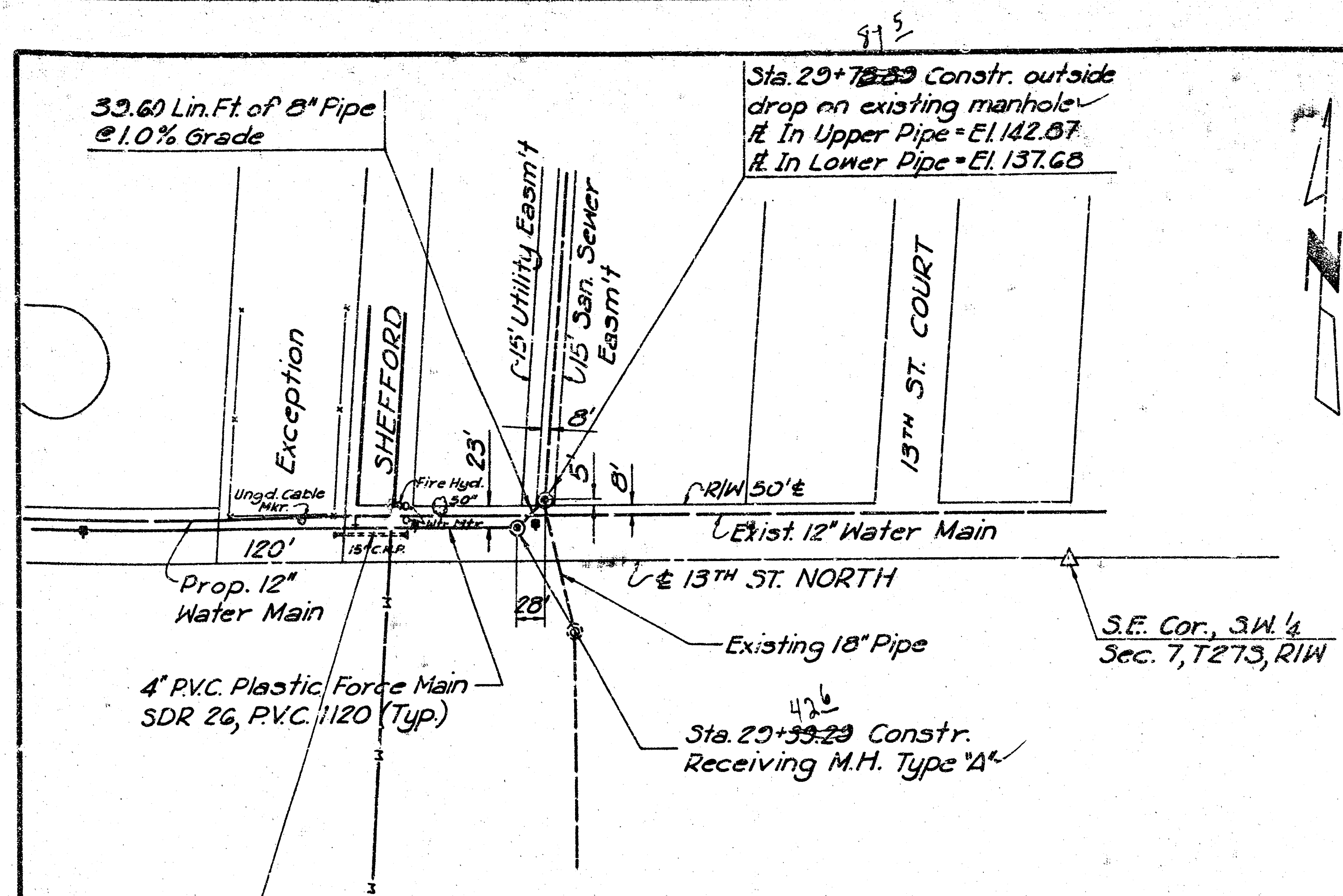


LATERAL 162, S.W.1.
 TEMP. LIFT STA. 8 FORCE MAIN
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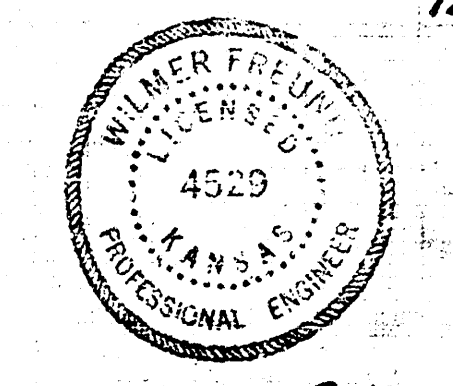
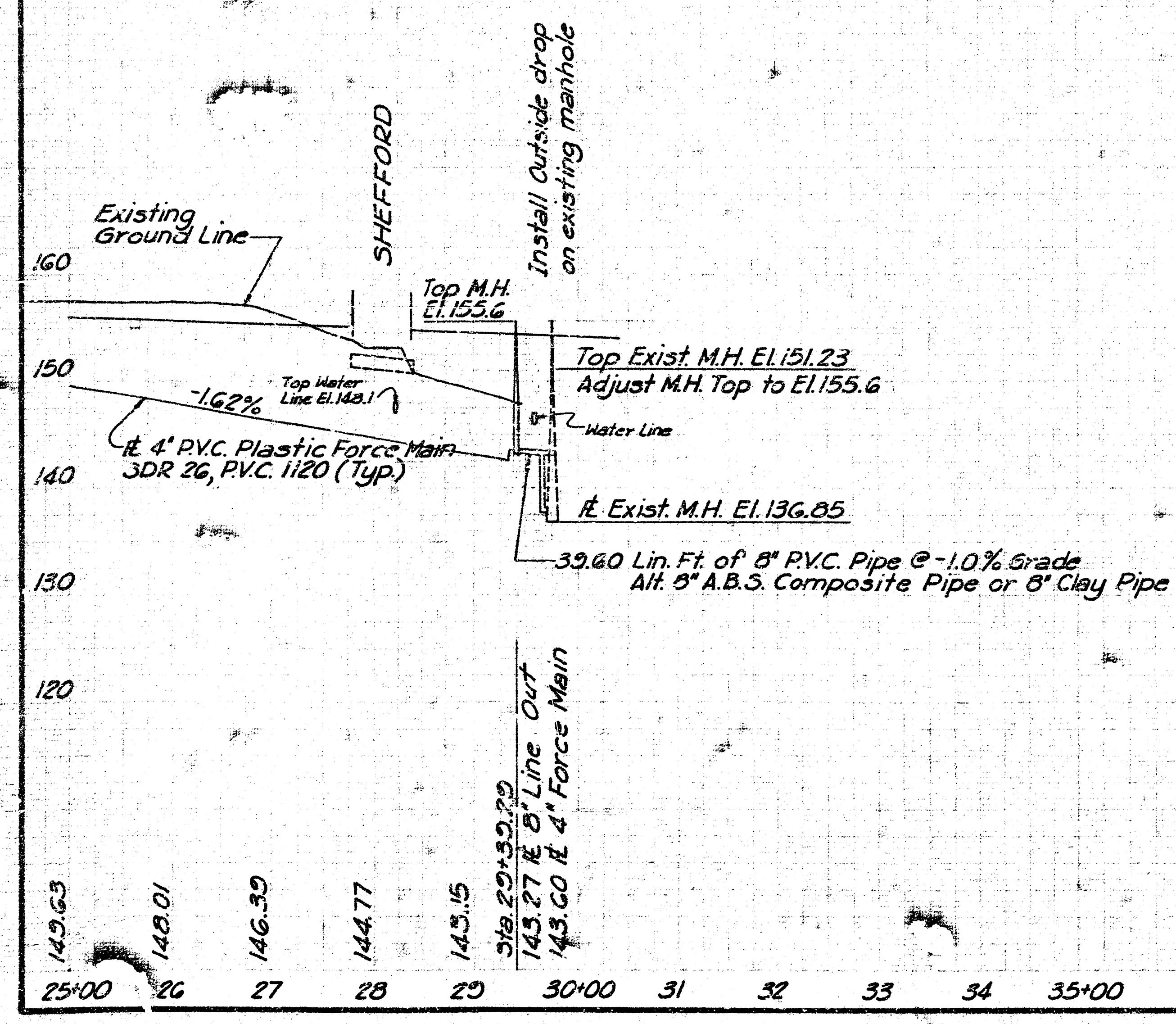
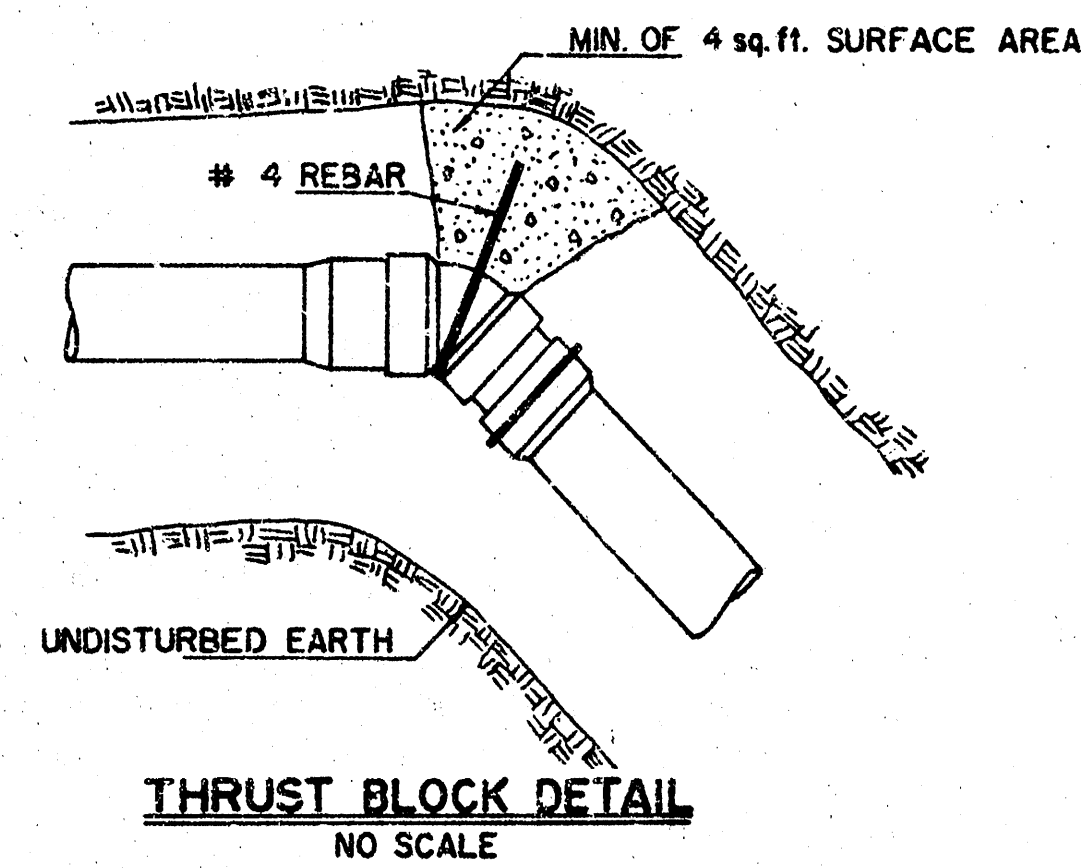
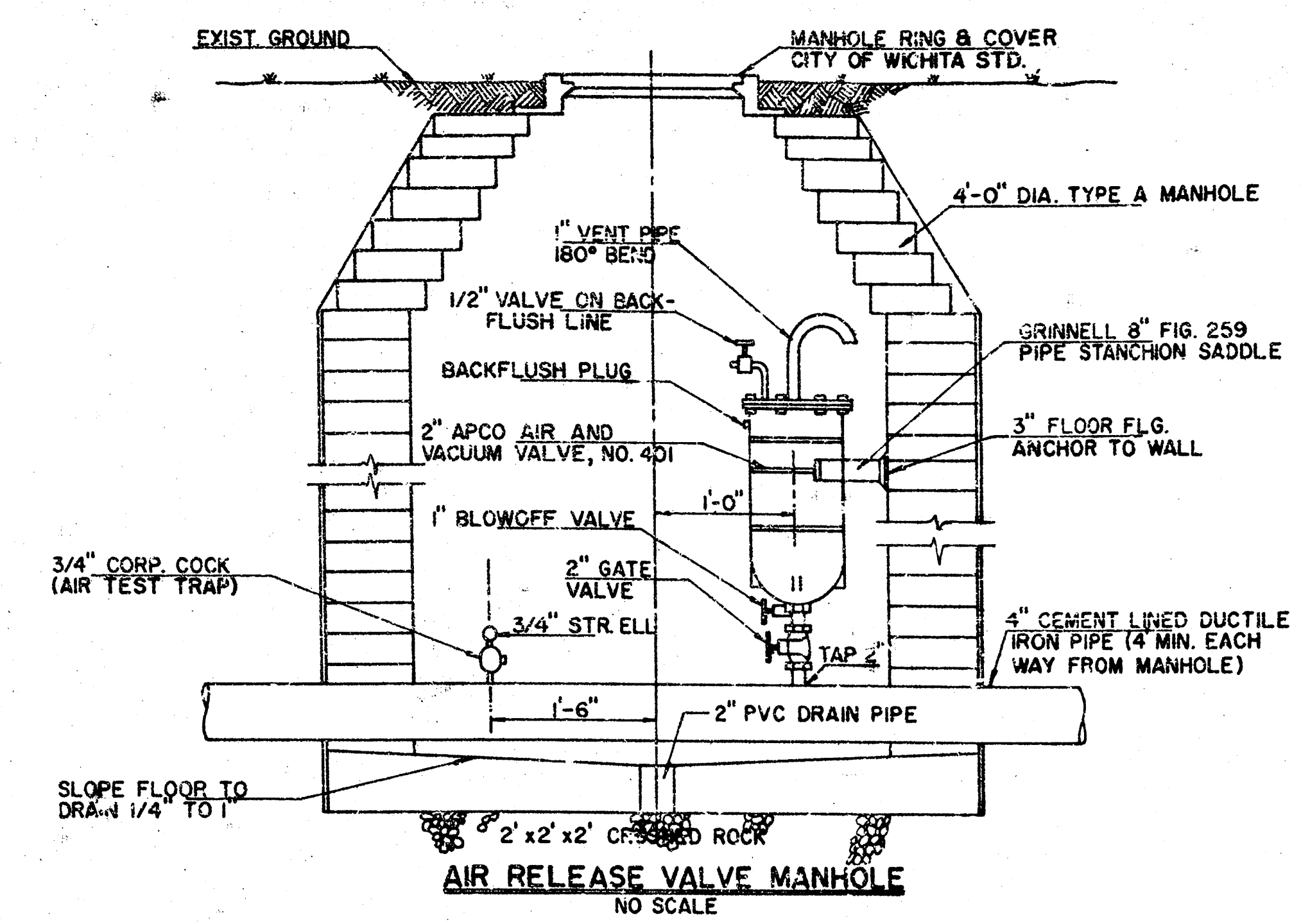
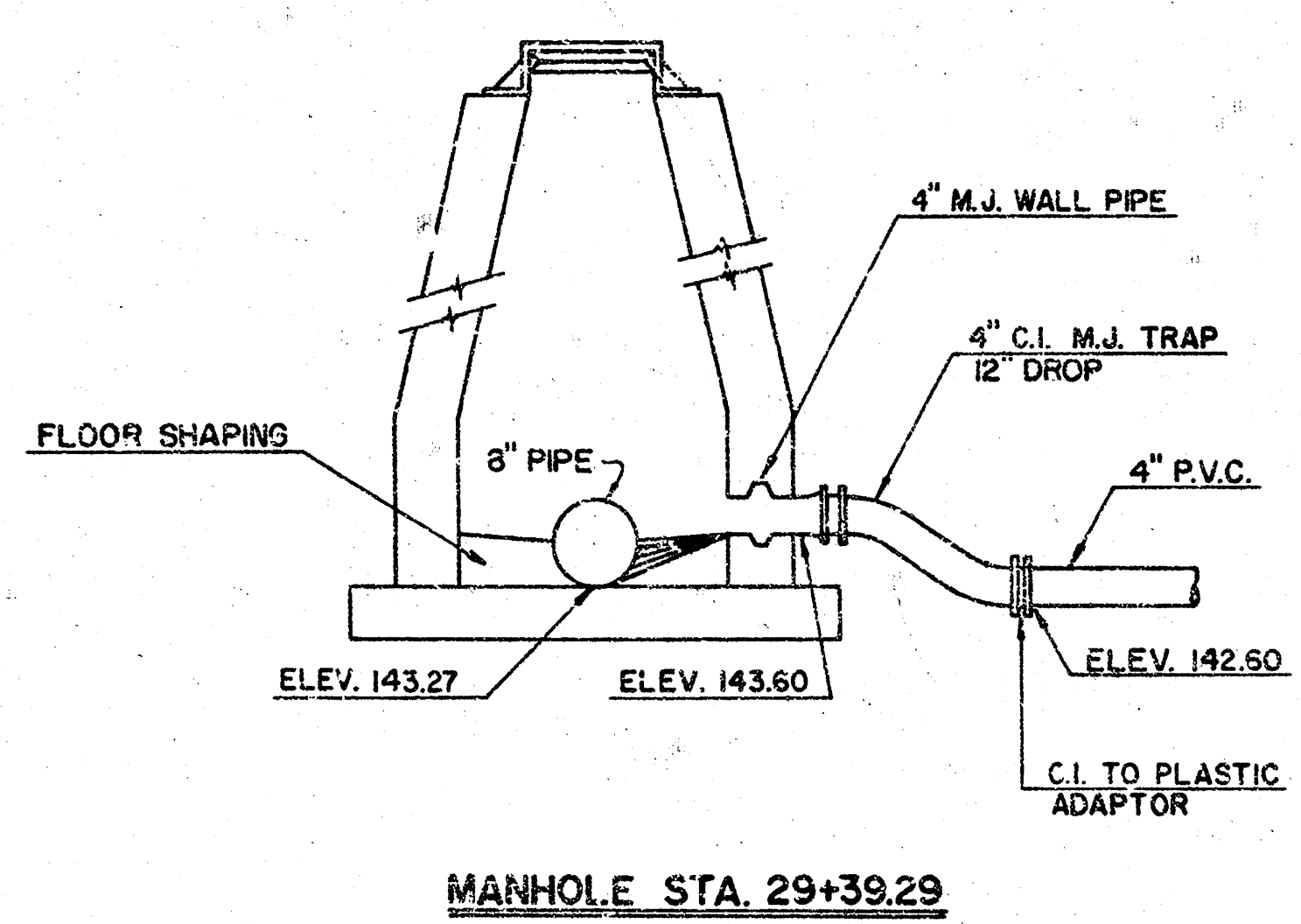


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Existing Entrance Pipe may be removed & reset at present location & elevation to facilitate the construction of Force Main. Removal & resetting will not be paid for directly but shall be subsidiary to the bid item of Force Main.



2-11-61

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FORCE MAIN

13

NOTES:

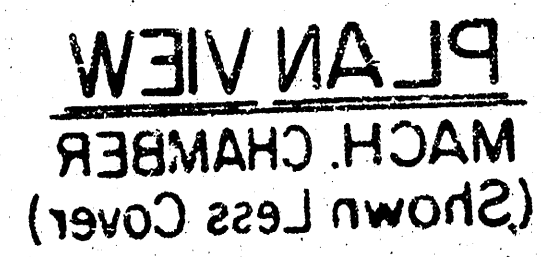
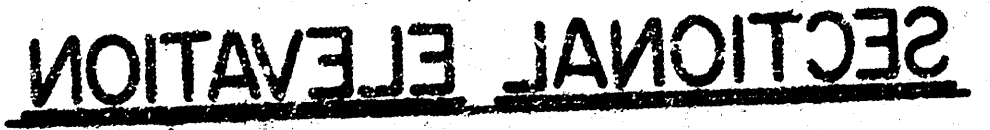
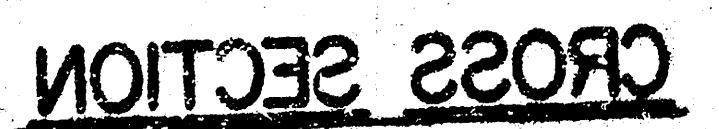
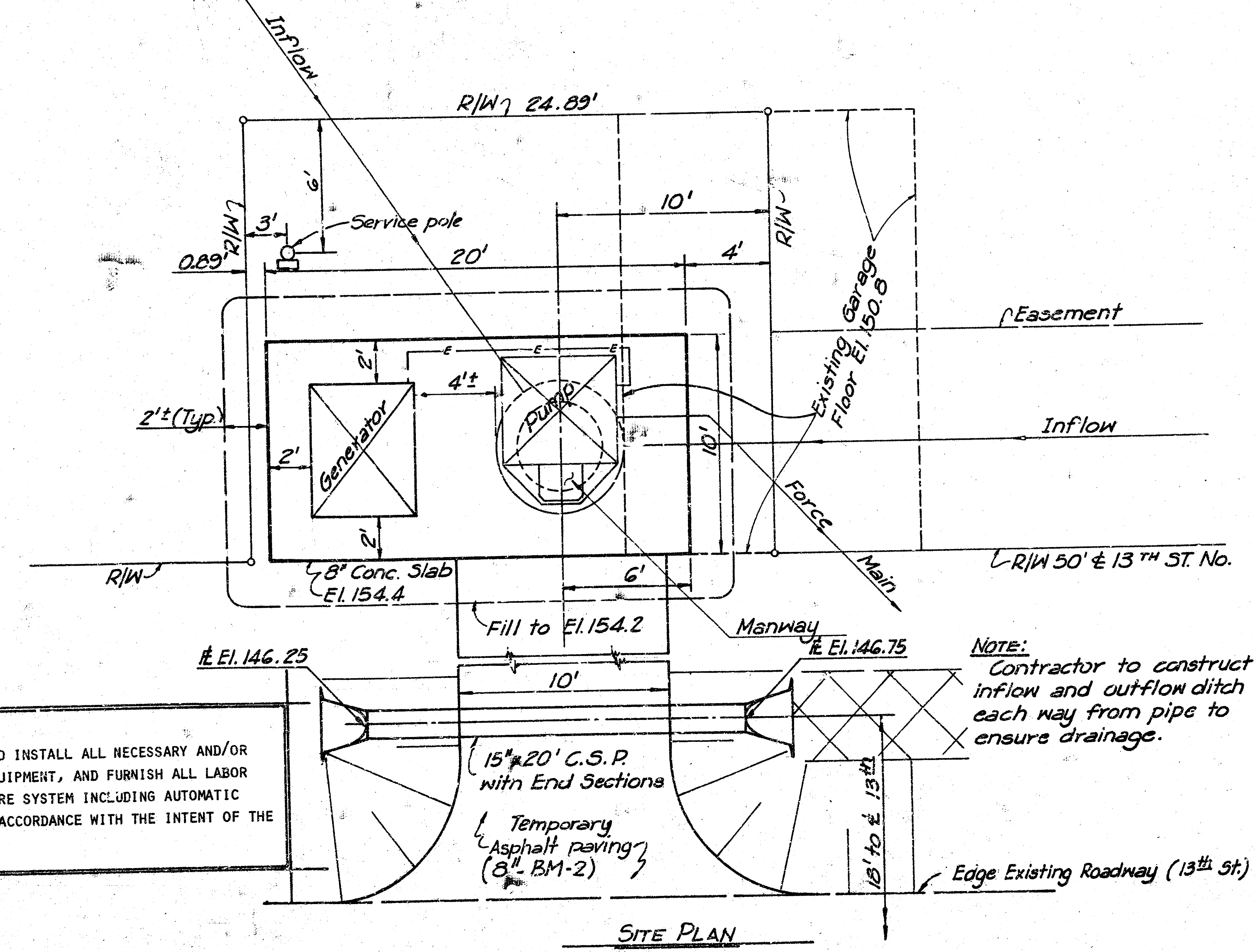
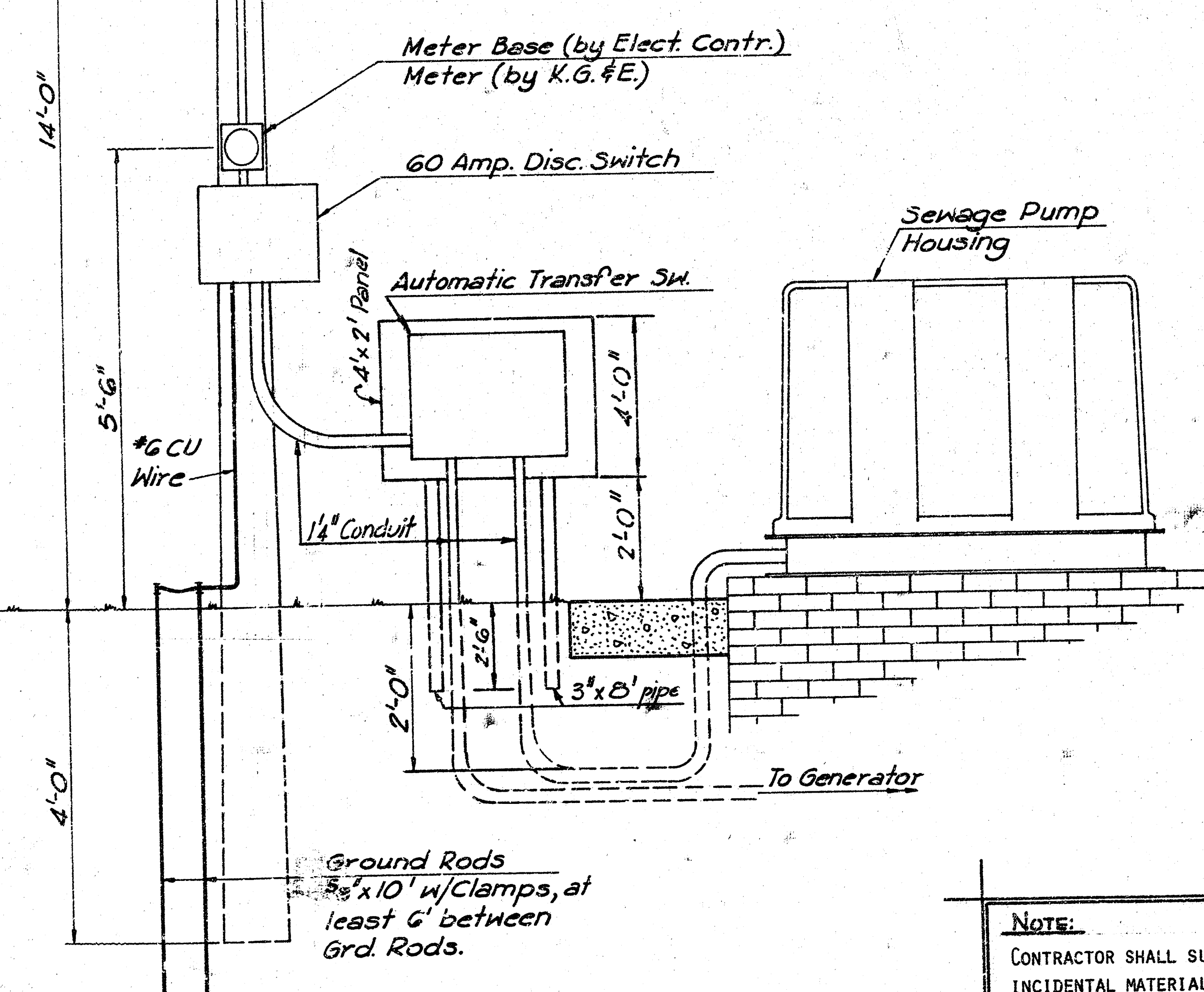
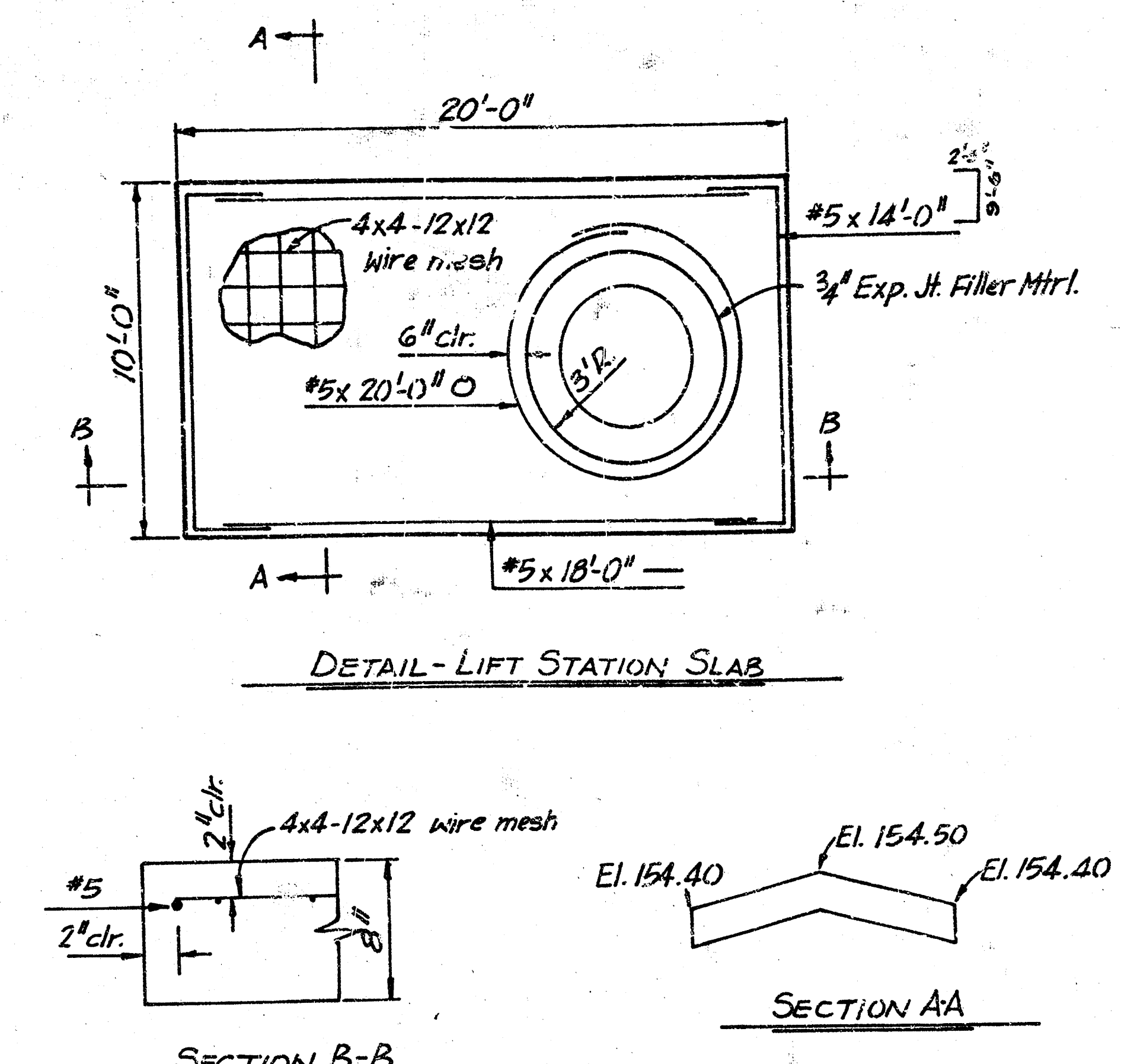
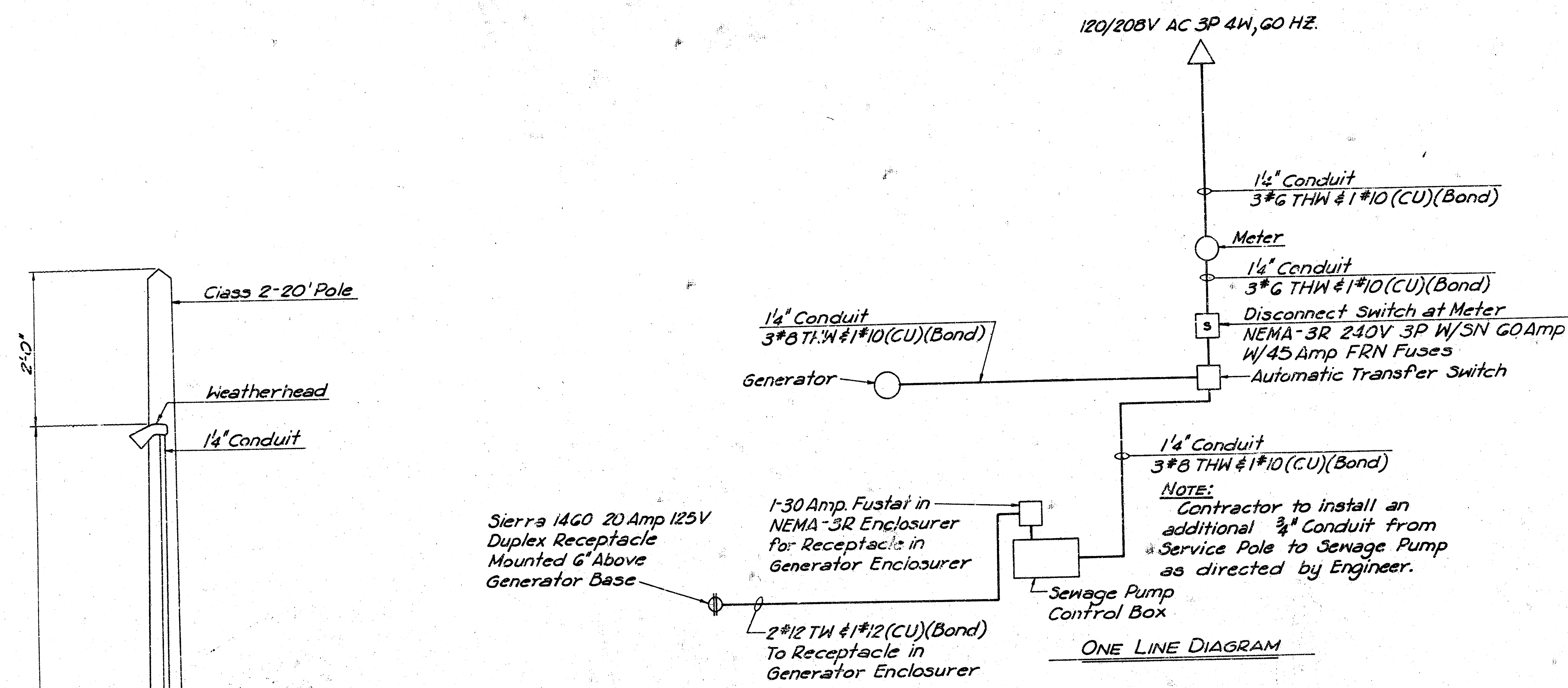


Diagram illustrating the components of a vacuum pump and float check valve assembly:

- Serv. and Aux. Conn. Points
- Vacuum Pump and Float Check Valve
- 3'-6 3/8"
- Shut Off Valve
- Solenoid Valve
- 4" Check Valve
- 4" Plug Valve





NOTE:
CONTRACTOR SHALL SUPPLY AND INSTALL ALL NECESSARY AND/OR INCIDENTAL MATERIAL AND EQUIPMENT, AND FURNISH ALL LABOR NECESSARY TO MAKE THE ENTIRE SYSTEM INCLUDING AUTOMATIC STANDBY POWER OPERABLE IN ACCORDANCE WITH THE INTENT OF THE CONTRACT.

NOTE:
Contractor to construct inflow and outflow ditch each way from pipe to ensure drainage.

SITE PLAN AND ELECTRICAL DETAILS

LATERAL 162, S.W.I

TEMP. LIFT STA. & FORCE MAIN

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DELAMATER, FREUND & ASSOCIATES, P.A.
ENGINEERS & ARCHITECTS
WICHITA, KANSAS

DATE: 2-11-81

SCALE: 1" = 10'-0"

DWG. NO. 89-KS