PARKDALE

Lift station
El. 1327.7
TOP
Pt. Discharge out 1339.3

6" PVC Class 160 Force Main

Proposed 8" Wat. Main

20' Utility Easement

WESTGATE

MH Type "A" with Air Release Valve

RD.

20' Max.

45° Bends

Proposed 12" Water

Proposed 12" Water Main

13TH ST. (Unpaved)

MAIZE

Note: City Limits North R/W 13th St.

N

1"=100'

13TH ST.

11TH ST.

Bell Telephone underground cable

MAIZE RD.

Existing Asphalt paving

45° Bend

Ex. MH Rim - El. 1341.68
Convert to Outside Drop

Ditch 33' W. & Maize Rd

5 Strand barbed wire fence on ft

6" PVC Class 160 Force Main

New MH El. Force Main Line
Free drop from 1337.0 ±
El. 1322.8 to existing MH

Note: City Limits East R/W Maize Rd.

N

1"=100'

BM El. 1347.31 – Top of iron @ the SE Cor. SE¼ Sec. 7-27-1W

Ground Line - 50' N. of S.L. SE¼ 7-27-1W

Air release valve

Force Main

F.L. 6" Discharge Line - El. 1339.3

6" PVC. Pipe Class 160 @ +0.13%

Westgate

F.L. 41.0 V.P.I.

F.L. 42.8 High Point in 12" Main

℄ MAIZE

Parkdale

Gravity
FL. In El. 1327.9 E and W

Culvert

W. R/W Line Maize Rd. - 40' to ℄
W. Shldr. Maize Rd.
W. Rd. ditch Maize Rd.

Culvert

Existing MH - FL. In 1328.0 SE, FL. In 1327.8 NW, FL. Out 1327.8 NE
MH Rim 1341.68

Force Main

6" PVC. Pipe Class 160 @ -0.33%

1"=100' Horizontal
1"=5' Vertical

Drop into existing MH - El. 1322.8
New MH vented if necessary

4'-0" Dia Standard Type "B" Manhole

6" Fl. - M.J. Wall Pipe

6" MJ Trap

Adaptor

6" PVC Force Main

FL. 1336.0

FL. in = 1337.0

MH Rim El. 1341.68

MH Rim El. 1341.68

Existing Std. MH, Type "B"

FL. 332.5

Reverse "Y"

Shape Bottom of Manhole

8" VCP Gravity Line
FL. out = 1336.8

7 Sack Sand Mix

6" Minimum Concrete Encasement Outside of Bells

FL. El. 322.8

45° MJ Bend

6" PVC. Force Main

Section A-A

Existing 24" Extra Strength Clay Pipe
FL. out = 1321.17

Existing 21" Extra Strength Clay Pipe
FL. in = 1321.43

Street R/W Line

6" MJ Trap

4'-0" Dia Std. Type "B" MH

8" PVC or CP Gravity Line

45°

Existing 24" Sewer

Existing Std. MH, Type "B"

North line easement 660' ± south line NE¼ Sec 18-27-1W

20' Perm. Easement

N

1"=3'

Force Main & Lift Station for
Westlink Village Fourteenth Add.
Wichita, Sedgwick County, Kansas

NOTE TO CONTRACTOR

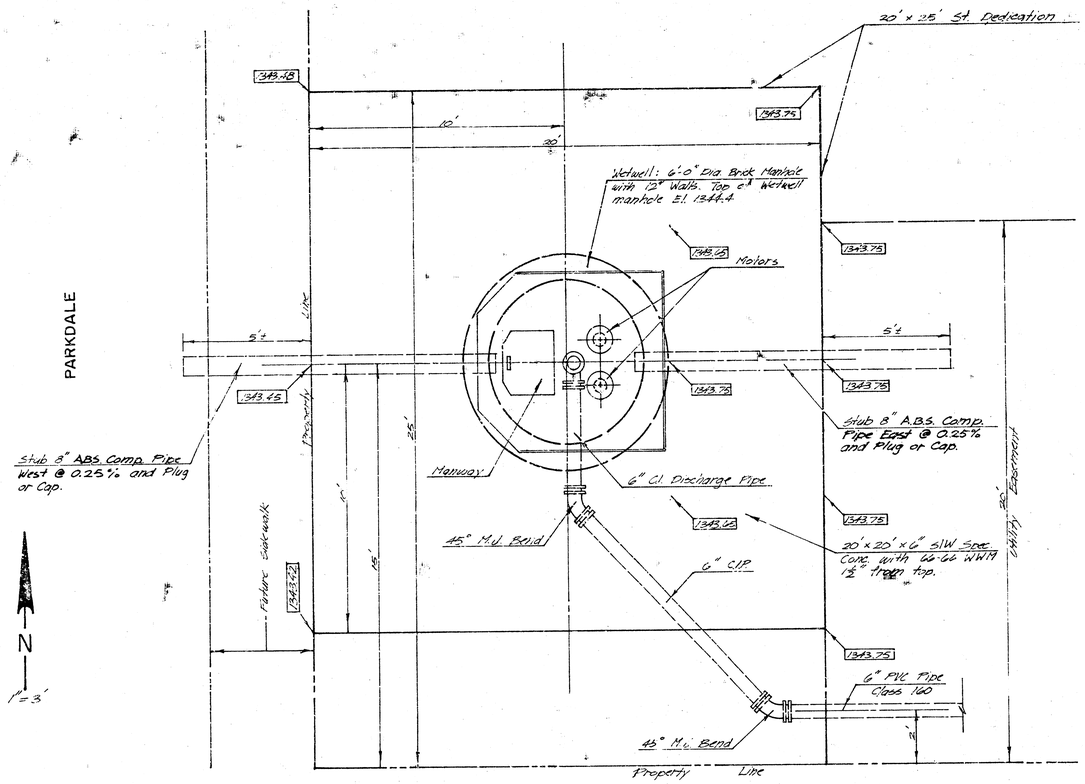
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of ~~Engineering Plans,~~ and inspection.

8-17-77

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

K.O. Taylor, P.E.
Rev. 7-21-77
Rev. 8-12-77
Rev. 8-16-77

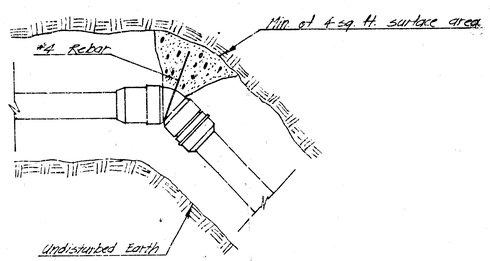
FRANKLIN O. TAYLOR
REGISTERED
1858
KANSAS
PROFESSIONAL ENGINEER



Note: Natural Ground El. 1343± @ Lift Station Site

13TH STREET

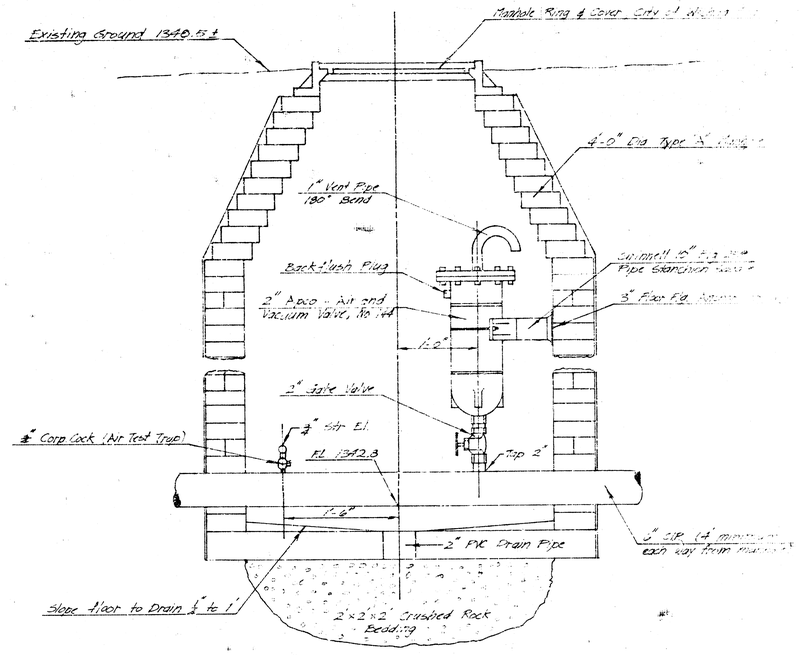
LIFT STATION DETAIL



THRUST BLOCK DETAIL

B.M. El: 1347.21 - Top of iron @ SE Cor. of ½ Sec. 7-27-1W

City Datum - El. shown minus 1187.4



AIR-RELEASE VALVE MANHOLE

NO SCALE

K.O. TAYLOR, P.E.
AUG. 16, 1977

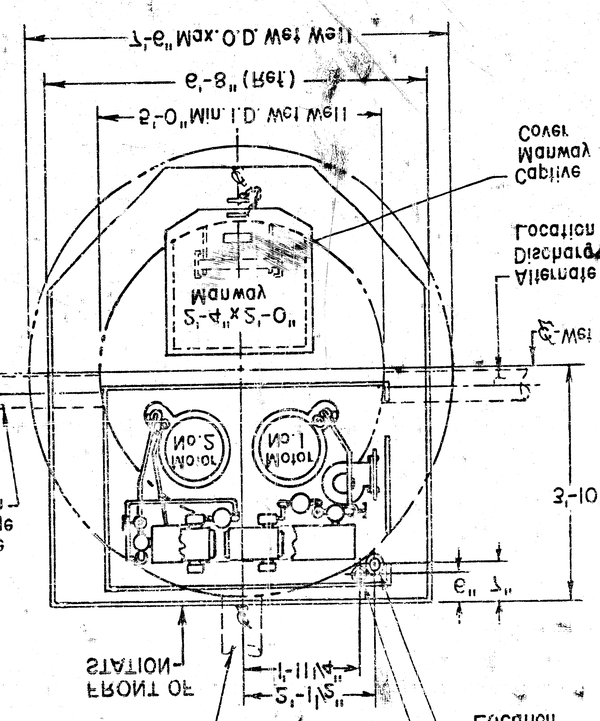
KENNETH O. TAYLOR
LICENSED
1958
KANSAS
PROFESSIONAL ENGINEER

PATENTED IN THE U.S.A. & FOREIGN COUNTRIES - NO-

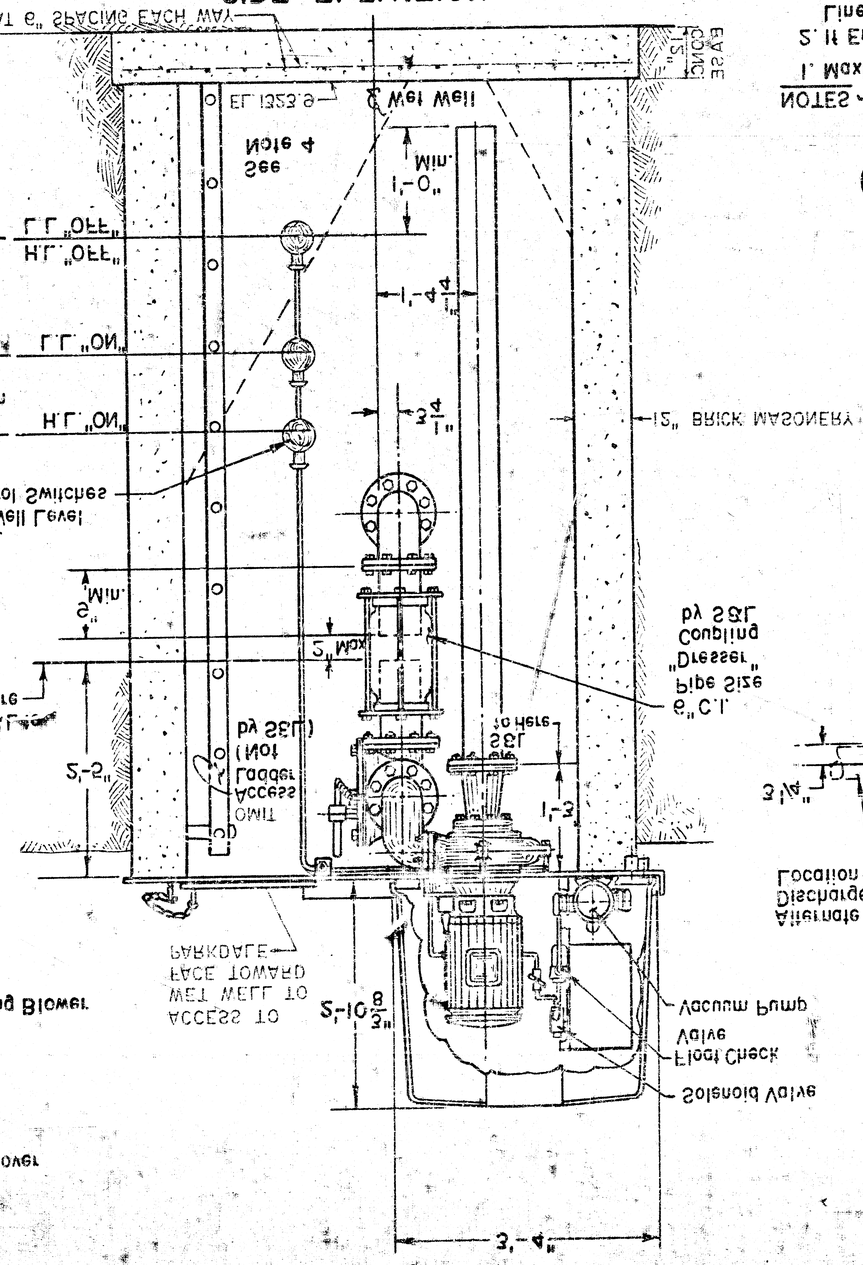
NOTES :-

1. Maximum capacity — 600 G.P.M.
2. If End of Discharge Line is Below Elevation of Discharge Line at Point of Leaving Wet Well — Consult Factory.
3. If Discharge Line is Less Than 500 Ft. in Length, A Check Valve May Be Required — Consult Factory.
4. Provide 60° Slope in Wet Well — As Required.

PLAN VIEW
Macerator Chamber
(Cover Deleted For Clarity)



SIDE ELEVATION


No. 4 Bars at 6" Spacing Each Way
6" Wet Well
Elev. 1352.6
L.L. "OFF"
H.L. "OFF"
L.L. "ON"
H.L. "ON"
6" Min.
See Note 4
Control Switches Wet Well Level 3 & 7
1'-0"
1'-4½"
3½"
15" Brick Masonry
Elev. 1351.6
Elev. 1352.6
Elev. 1351.6
6" Min.
Elev. 1350.6
Elev. 1352.6
Elev. 1351.6