PARKDALE

Lift station
El. 1327.7
TOP
Pt. Discharge out 1334.3

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 Main

Proposed 12" Water

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

Parkdale

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. 44.0 VIP.

F.L. 42.8 High Point in 12" Main

℄ MAIZE

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 1322.8 SE, FL. In 1322.8 NW, FL. Out 1322.0 NE
MH Rim 1341.68

Force Main

6" PVC. Pipe Class 160 @ -0.33%

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

Air Rel. Valve MH
Existing MH - Type "B" NE of Westlink MH. Force Main FL. in 1337

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

Shape Bottom of Manhole

8" VCP Gravity Line
FL. out = 1336.8

FL. in = 1337.0

7 Sack Sand Mix

6" Minimum Concrete Encasement Outside of Bells

MH Rim El. 1341.68

MH Rim El. 1341.68

Existing Std. MH, Type "B"

FL. 1332.5

Reverse "Y"

12"

FL. 1322.8

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

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

45° MJ Bend

6" PVC Force Main

Section A-A

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 21" Sewer

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

20' Perm. Easement

Existing Std. MH, Type "B"

N

1"=3'

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

NOTE TO CONTRACTOR

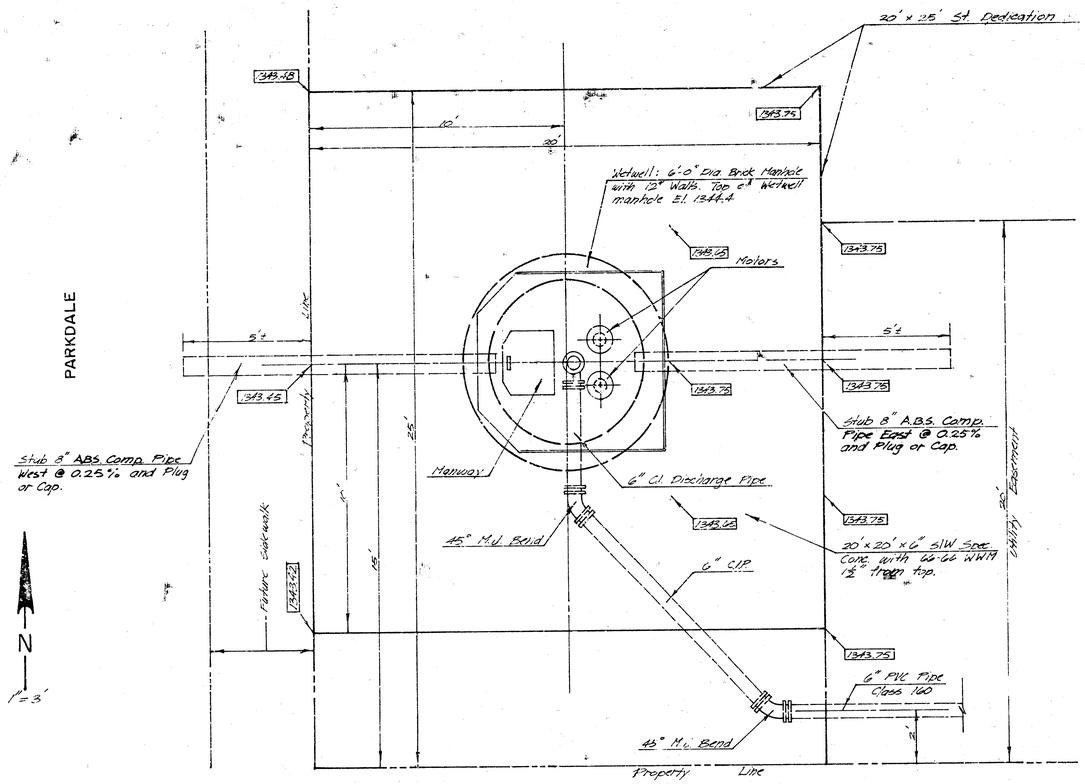
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of ~~Engineering, Plans,~~ and inspection.

8-17-77

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

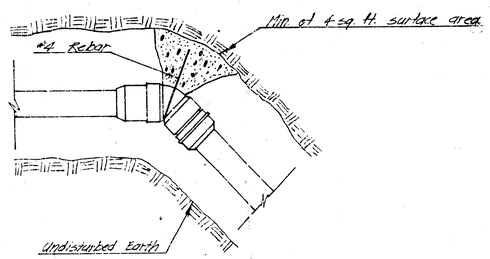
K.O. Taylor, P.E.
Rev. 7-21-77
Rev. 8-12-77
Rev. 8-16-77

FRANKLIN O. TAYLOR
REGISTERED
1858
KANSAS
PROFESSIONAL ENGINEER



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

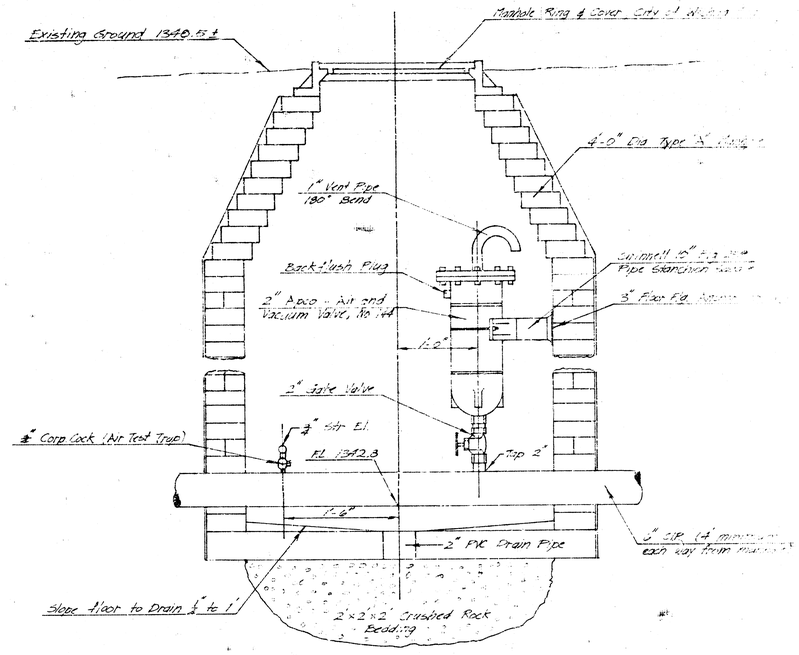
LIFT STATION DETAIL



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
REGISTERED
1958
KANSAS
PROFESSIONAL ENGINEER



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 200 Ft. In Length, A Check Valve May Be Required – Consult Factory.
4. Provide 60° Slope in Wet Well – As Required.

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

B.M. El. 1347.51 – Top of iron @ SE Cor SE 1/4 Sec. 7-27-1W

SHEET 3 OF 3 SHEETS

PATENTED IN THE U.S.A. & FOREIGN COUNTRIES · N71-

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Ecodyne Corporation
Smith & Loveless Division
An Affiliate of Trans Union Corporation

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
ALLOWABLE TOLERANCES
FRACTIONS ± 1/8 DECIMALS ANGLES

DRAWN BY: HASLAM	DATE 3-17-71	
CHECKED BY: TIEHEN	DATE 3-17-71	
APPROVED BY: MARTIN	DATE 3-17-71	
SCALE none		

WET-WELL-MOUNTED SEWAGE-PUMP LIFT STATION
6" PIPING-5'6" DIA. WET WELL

86D10

DRAWING NO. 86B102
("D" SIZE DWG. 86D107)