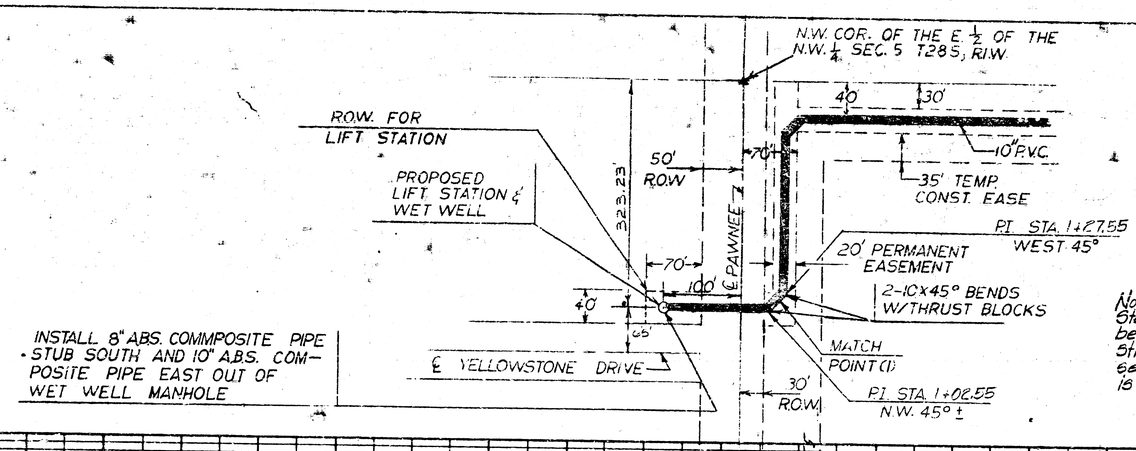
NOTE: CONST. 6" CONCRETE SLAB AROUND LIFT STATION A MINIMUM OF 10' EACH DIRECTION FROM WET WELL. ELEV. OF SLAB AT WET WELL TO BE 6" ABOVE PROPOSED WALK ELEV. ON YELLOWSTONE DRIVE. TOP OF WET WELL TO BE 6" ABOVE TOP OF SLAB. SLAB TO EXTEND TO WEST R/W LINE OF YELLOWSTONE DRIVE. DOORWAY TO MANHOLE ON LIFT STATION TO BE SET FACING YELLOWSTONE DRIVE.

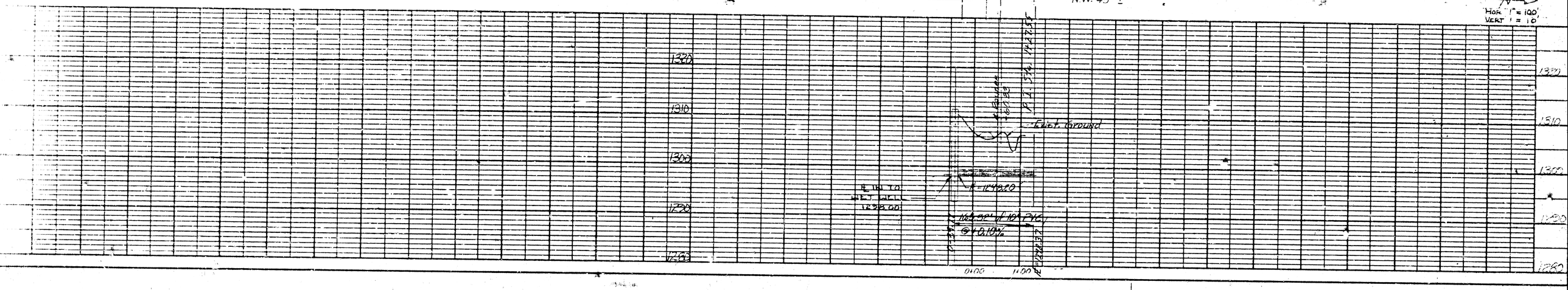


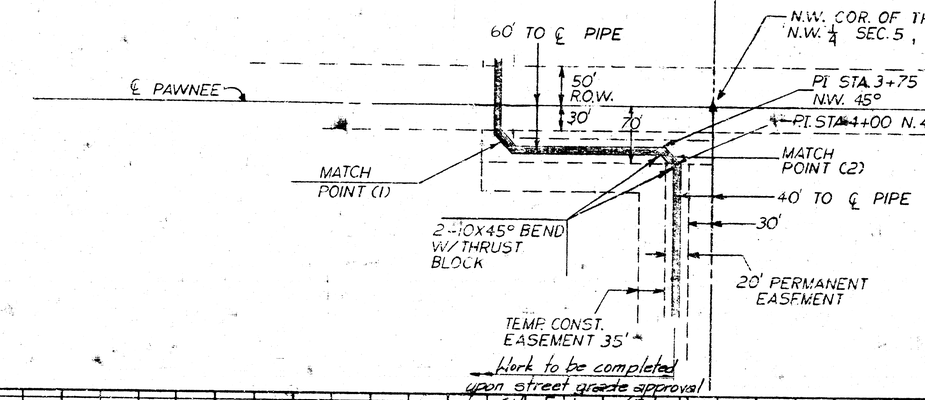
NOTE: P.V.C. FORCE MAIN TO BEGIN 5' NORTH OF WET WELL. FLANGE ADAPTER REQUIRED FOR CAST IRON DISCHARGE FROM WET WELL.

10" PVC SHALL BE 160 P.S.I. SDR 26

NOTE: Force Main from Sta. 0-39.77 to 4+00 to be installed after Pawnee Street grades have been set and when Lift Station is installed.

Hor. 1" = 100'
VERT 1" = 10'

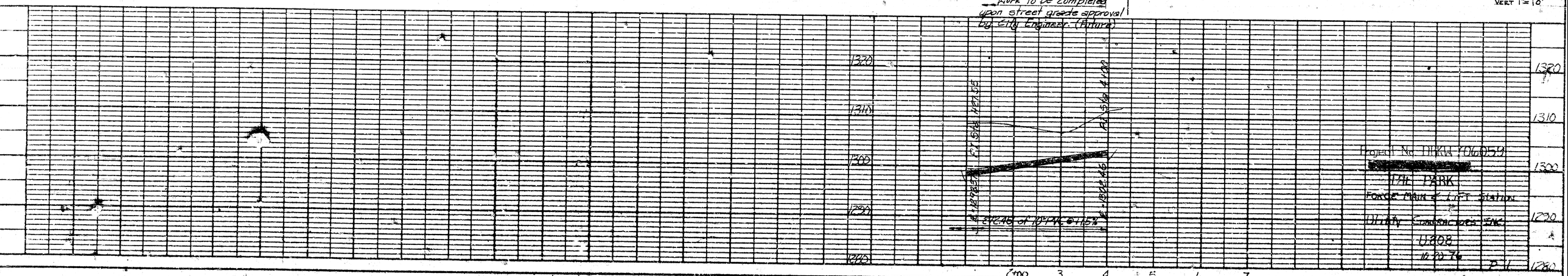




11-22-76
APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers D.E.S.
Storm Sewers
Driveway Approaches

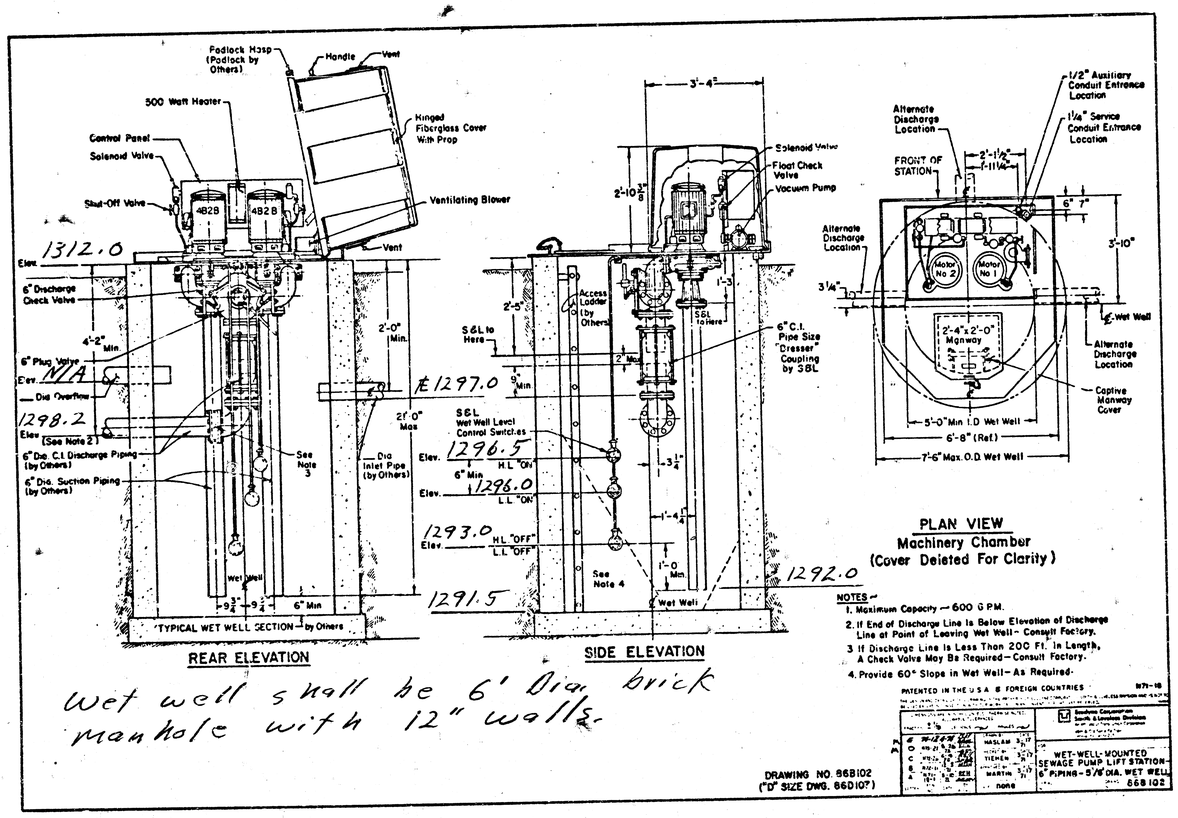
Revisions Approved 12-13-76 D.E.S.

Hor. 1"=100'
VERT 1"=10'



Project No. DPKW 706052
PARK
Force Main & Lift Station
Utility Engineering Inc.
U808
10-20-76
P-1

PLATE 2 - PLAN - PROFILE - F. A. S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000H-2



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.

PATENTED IN THE U.S.A. & FOREIGN COUNTRIES — W71-18

6	W-1294	MASLAM 3-17
5	W-1294	
4	W-1294	
3	W-1294	TIEMEN 3-17
2	W-1294	
1	W-1294	MARTIN 3-17
A	ECR	none

Smith & Loveless Division — Smith Corporation

WET-WELL-MOUNTED SEWAGE PUMP LIFT STATION 6" PIPING - 5/8" DIA. WET WELL 86B102

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

Wet well shall be 6' Dia. brick manhole with 12" walls.

Proj. #DBRW 706059
Lift station for The Park

Sta. 4+00 Begin 10" Force Main, & Temp. plug line.

5205.35'

40' TO ℄ OF PIPE

NE. COR. N.W.¼ SEC. 5-28-1W

SECTION LINE

30'

HEDGEROW

MATCH LINE (1)

MATCH POINT (2)

℄ PAWNEE

10" P.V.C.

35' TEMP. CONST. EASEMENT

20' PERMANENT EASEMENT

NOTE: VERTICAL BENDS [redacted] SHALL BE MADE BY DEFLECTING PIPE AT JOINTS OR BY BENDING P.V.C. PIPE. DEFLECTION AT ANY ONE JOINT OR RADIUS OF BENDING OF PIPE SHALL NOT EXCEED PIPE MANUFACTURERS RECOMMENDATIONS.

PASTURE

HOR 1"= 100'
VERT 1"= 10'

EXIST. GROUND LINE

P.I. Sta. 24+55.20
Elev. 1311.85

P.I. Sta. 29+73.40
Elev. 1314.27

1650' of 3" PVC @ +0.01%

1250' of 10" PVC @ +1.80%

1050' of 10" PVC @ +0.10%

4+00 5 6 7 8 9 10+00 11 12 13 14 15 16 17 18 19 20+00 21 22 23 24 25 26 27 28 29 30

1320 1310 1300 1290 1280

20+00 30 31 32 33 34 35 36 37 38 39 40+00 41 42 43 44 45 46 47 48 49 50+00 51 52 53 54 55 56

P.I. Sta. 20+05.35

℄ Harry

E 20535'

40' TO ℄ PIPE

SECTION LINE

30'

Sta. 40+00 Const. Air Release Manhole See Sh. 3 for details

10" P.V.C.

MATCH LINE (1)

35' TEMP. CONST. EASEMENT

20' PERMANENT EASEMENT

P.I. Sta. 33+50
Elev. 1311.85

P.I. Sta. 37+00
Elev. 1314.27

P.I. Sta. 40+00
Elev. 1314.50

P.I. Sta. 43+50
Elev. 1311.85

P.I. Sta. 47+00
Elev. 1314.27

P.I. Sta. 51+00
Elev. 1311.85

P.I. Sta. 54+00
Elev. 1314.27

P.I. Sta. 56+05.35
Elev. 1314.27

HOR 1"= 100'
VERT 1"= 10'

NOTE: Minimum of 4 ft. cover over pipe.

150' of 10" PVC @ +1.15%

200' of 10" PVC @ +0.04%

300' of 10" PVC @ +0.65%

350' of 10" PVC @ -0.65%

750' of 10" PVC @ -0.10%

300' of 10" PVC @ -2.0%

115' of 10" PVC @ -8.37%

135' of 10" PVC @ -0.89%

THE PARK

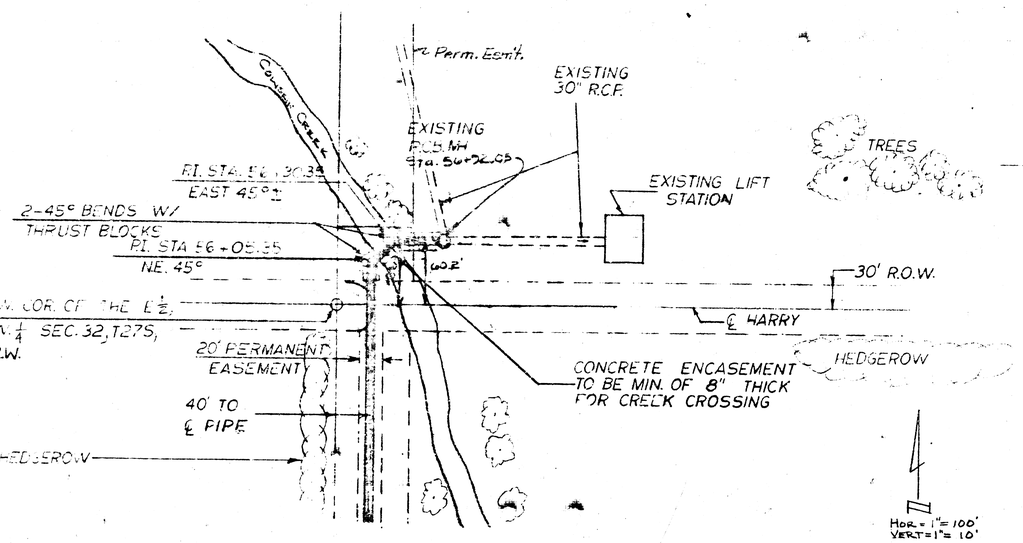
PLATE 2 - PLAN - PROFILE - F. A. S.
CLEARPRINT PAPER CO., S. F. CAL. NO. 1000N-2

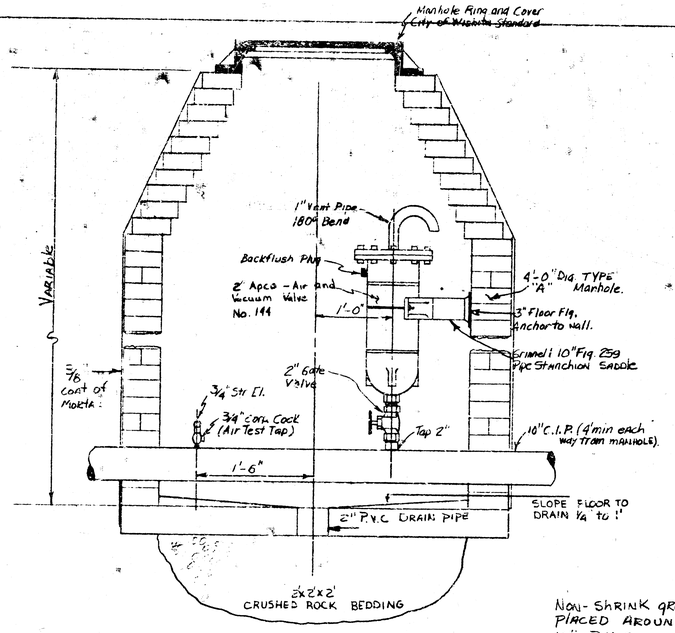
MIN. OF 9 SQ. FT SURFACE AREA

#4 Rebar

UNDISTURBED EARTH

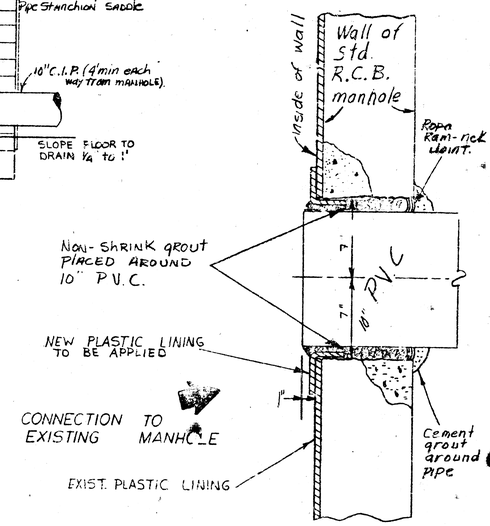
THRUST BLOCK DETAIL

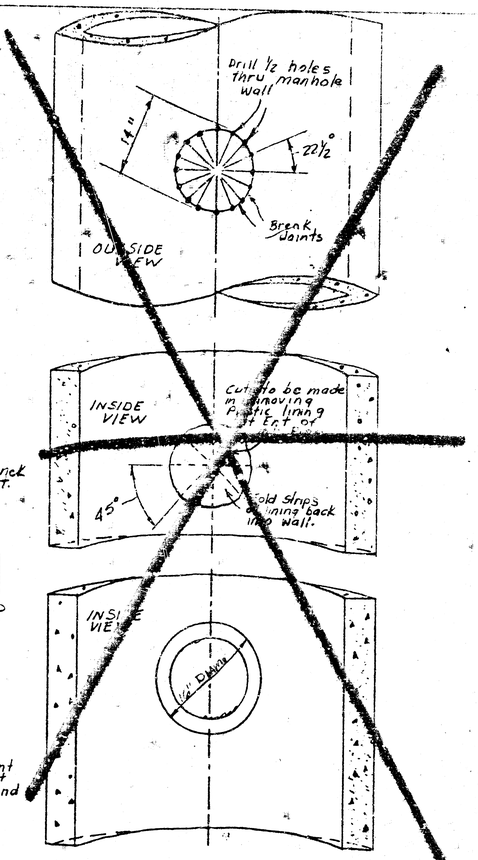




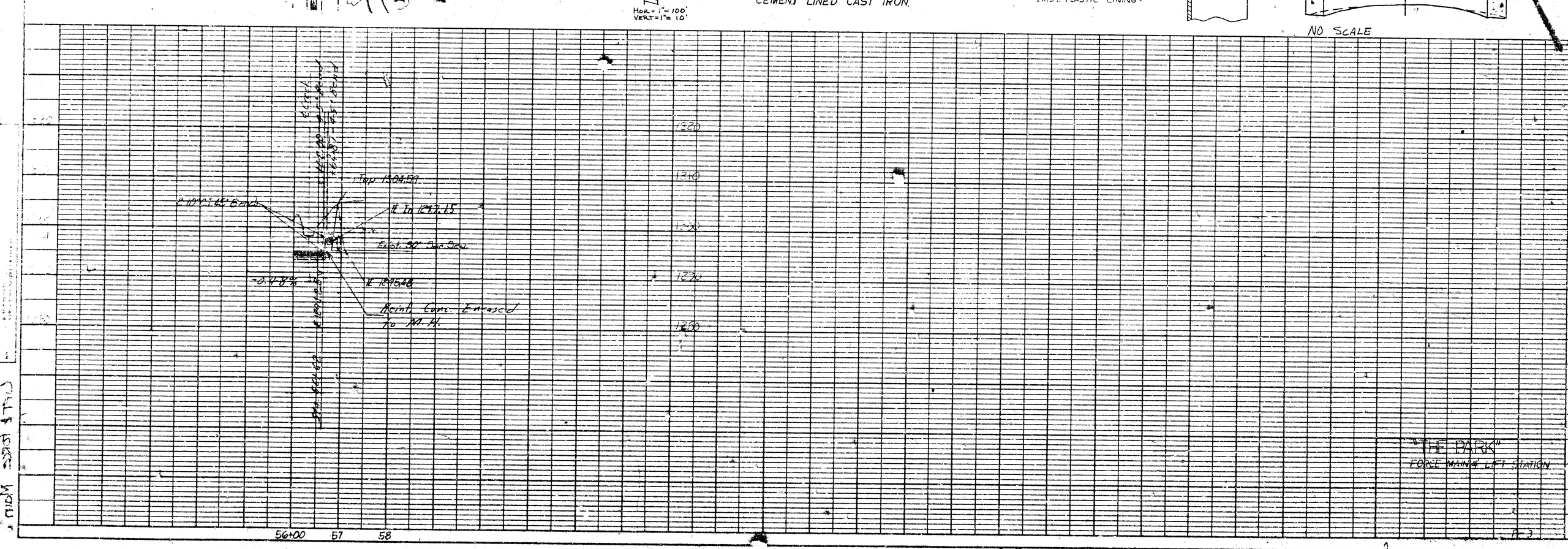
AIR-RELEASE VALVE MANHOLE
NO SCALE

NOTE: 11¼° AND 45° BENDS TO BE CAST IRON WITH MECHANICAL JOINTS AND TRANSITION GASKETS. EXCEPT JOINT AT STA. 56+02.3 THIS JOINT TO BE P.V.C. OR CEMENT LINED CAST IRON.





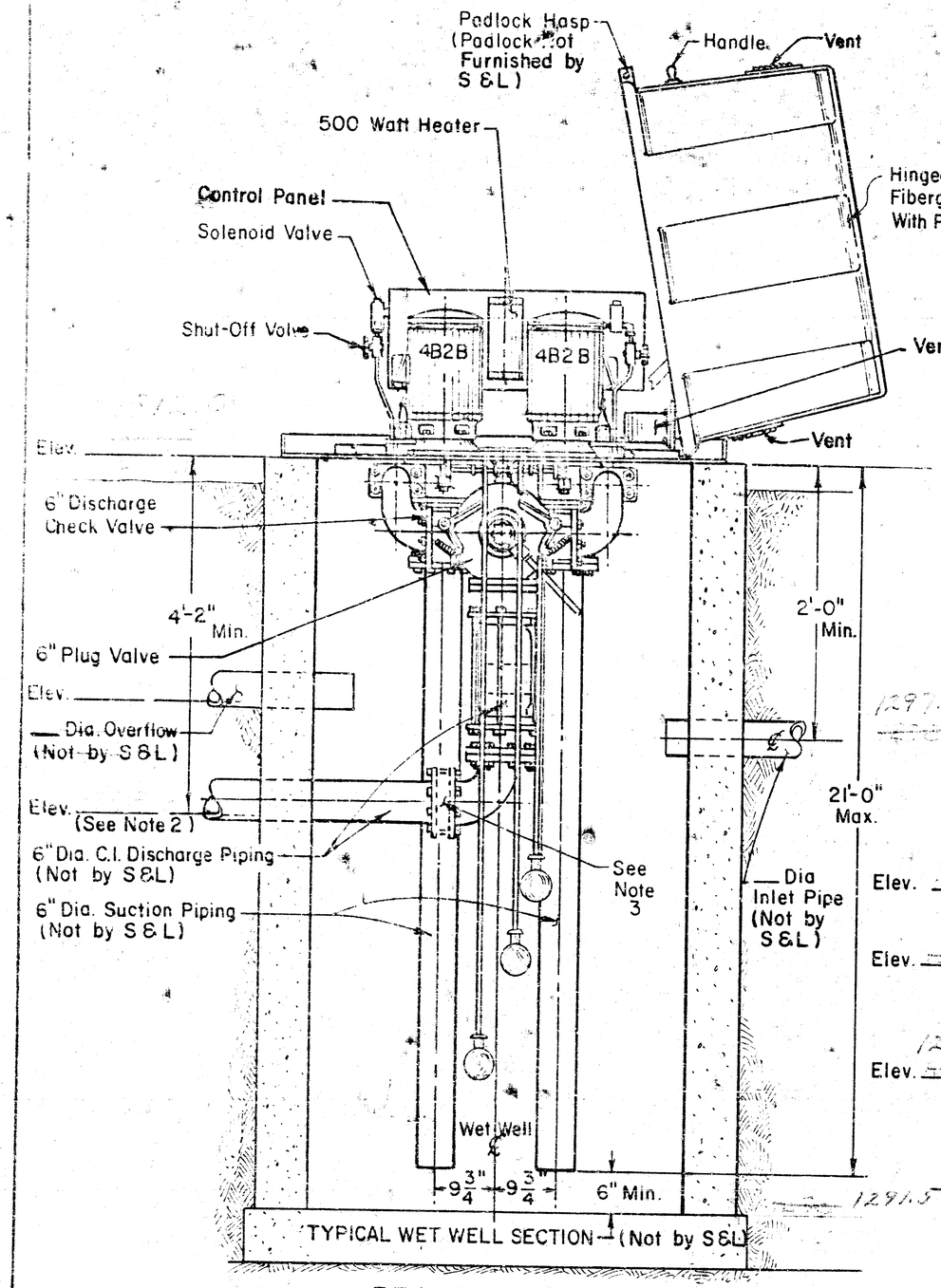
NO SCALE



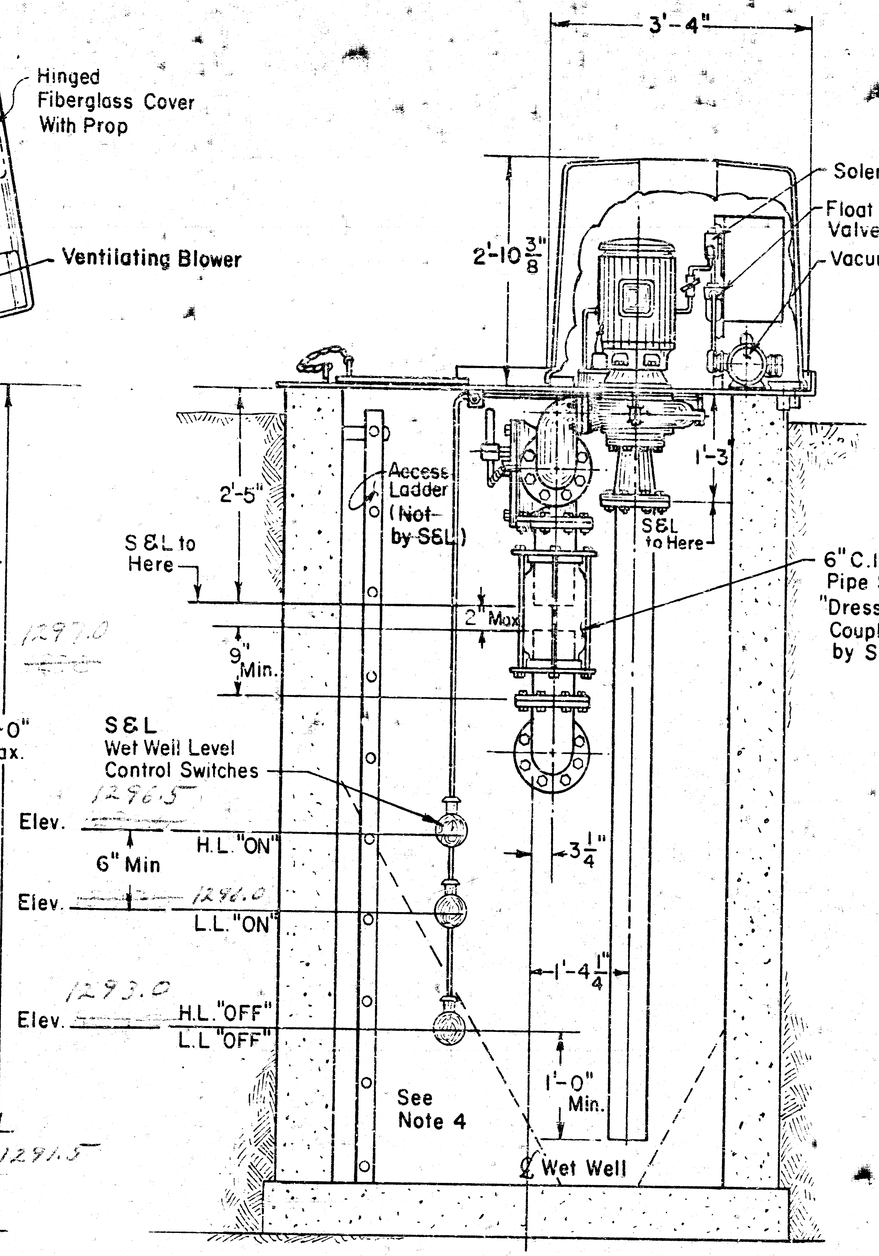
"THE PARK"
FORCE MAINS LIFT STATION

PLATE 1 - PLAN - PROFILE - F.A.S.
OZALID PRINT PAPER CO., S. F. CAL.

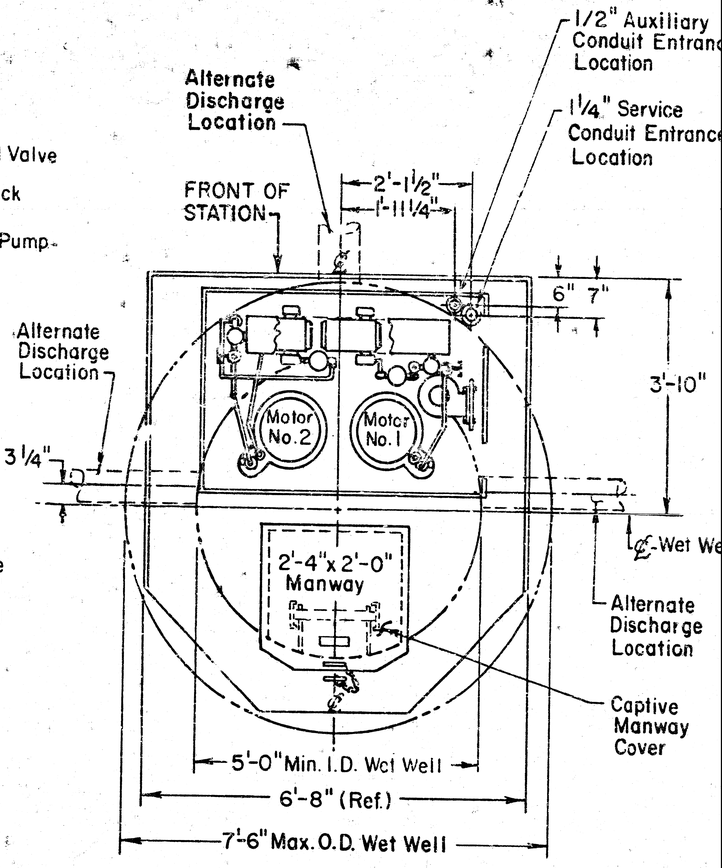
A-3



REAR ELEVATION



SIDE ELEVATION



PLAN VIEW
Machinery Chamber
(Cover Deleted For Clarity)

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.

PATENTED IN THE U.S.A. & FOREIGN COUNTRIES

N71-

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

E	N72-12	5/26/72	DAW		
D	N73-21	6-26-73	REH		
C	N72-26	6-9-72	REH		
B	N72-11	12-5-71	MDH		
A	N71-18-1	5-10-71	REH		
LETTER	ECN NO.	DATE	BY		

± 1/8 | DECIMALS | ANGLE

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

"THE PARK"
Project No. DBRW 706059

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

SERIAL 86D10