

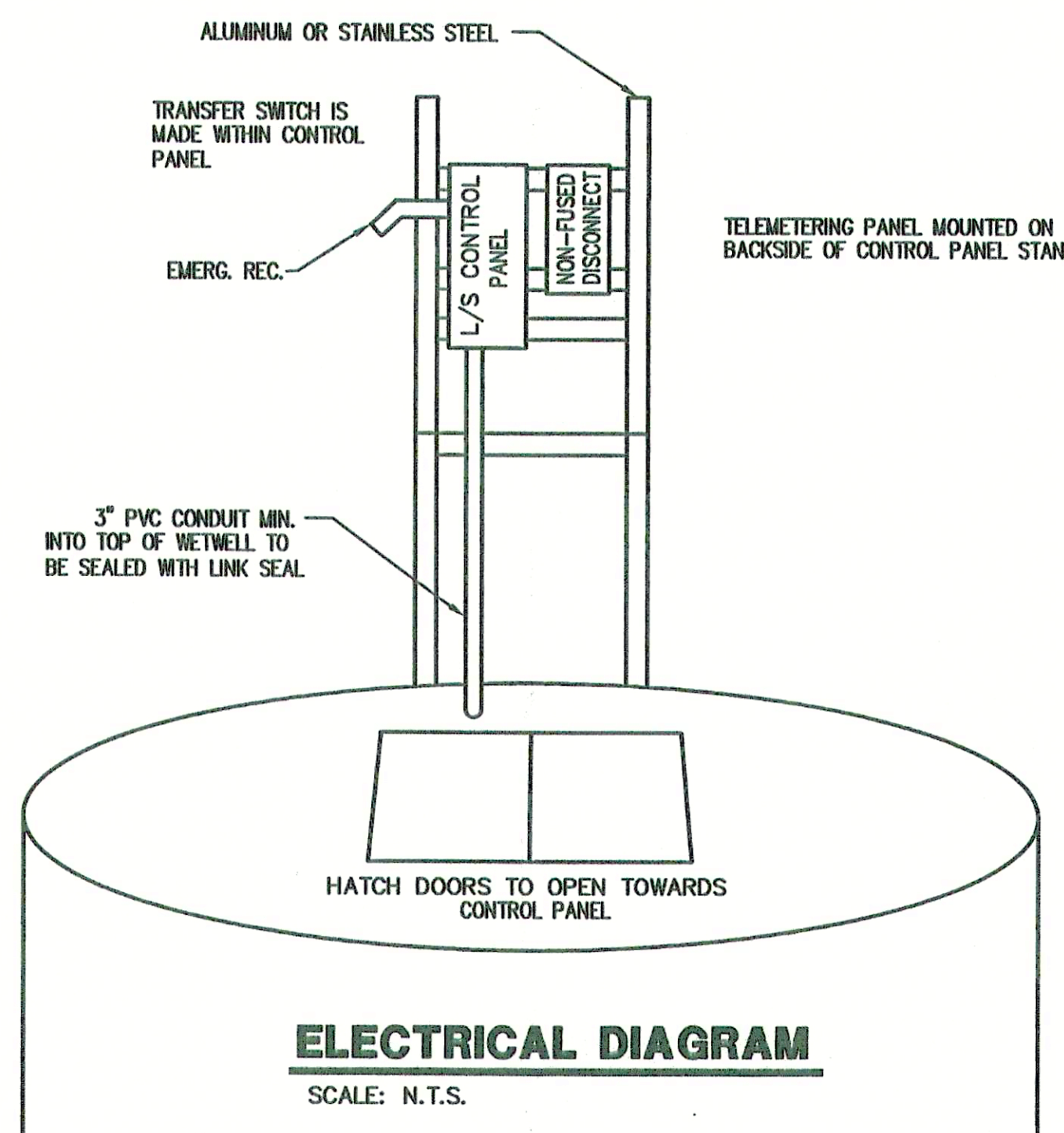
LIFT STATION PLAN VIEW

SCALE: 1" = 20'



PROPOSED 8" PVC
INFLUENT GRAVITY MAIN
(SEE SHEET 16 FOR DETAILS)

SEE SHEET 16 FOR
CONNECTION DETAIL

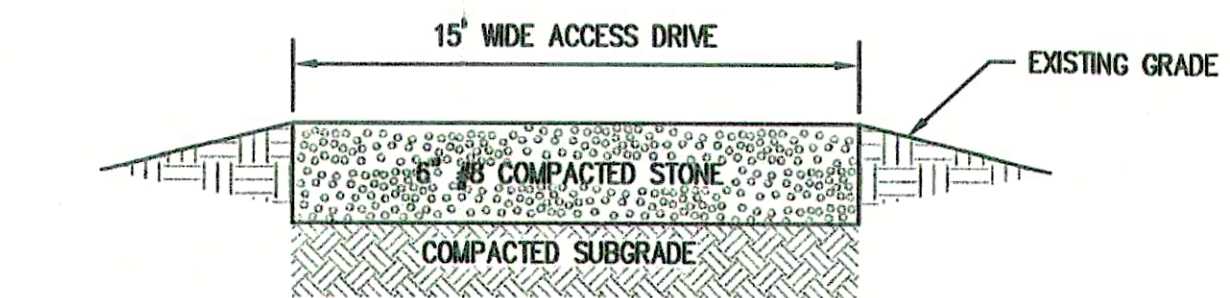


ELECTRICAL DIAGRAM

SCALE: N.T.S.

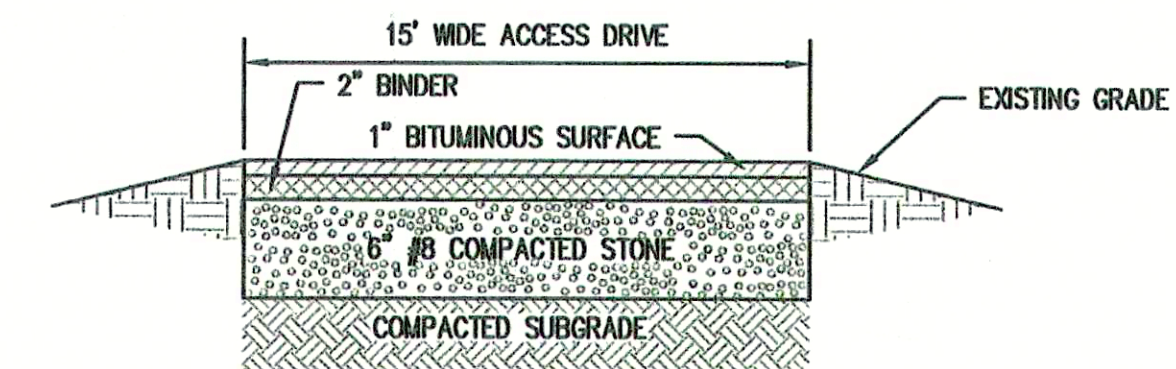
GENERAL NOTES:

1. CONTRACTOR TO VERIFY AVAILABLE POWER SOURCE PRIOR TO EQUIPMENT ORDER AND COORDINATE WORK WITH ELECTRIC UTILITY COMPANY.
2. PIPE PENETRATIONS TO UTILIZE FLEXIBLE BOOTS, CONNECTORS, CAST IN PLACE GASKETS, ETC. TO BE APPROVED BY ENGINEER PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO INSTALL ALL EQUIPMENT IN COMPLETE ACCORDANCE WITH ALL MANUFACTURER'S RECOMMENDATIONS.
4. ALL FASTENERS, SUPPORTS, ETC. TO BE STAINLESS STEEL.
5. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.
6. ALL CONCRETE TO BE MINIMUM F_c = 4000 psi. ALL REINFORCING STEEL TO BE MINIMUM F_y = 60,000 psi.
7. ALL FERROUS METAL SURFACES TO BE PREPARED AND PAINTED.
8. CONTRACTOR TO COORDINATE WITH ALL OTHER APPLICABLE PLAN SHEETS AND SPECIFICATIONS.
9. CONTRACTOR TO TEST ALL EQUIPMENT, PIPING, STRUCTURES, ETC. IN ACCORDANCE WITH THE SPECIFICATIONS, PRIOR TO PLACING THE STATION INTO SERVICE IN THE PRESENCE OF ENGINEERS AND MANUFACTURER'S REPRESENTATIVES.
10. CONCRETE STRUCTURE BELOW GRADE SHALL BE COATED WITH A BITUMINOUS COATING PER SPECIFICATIONS. INTERIOR TO BE COATED COATED WITH A HYDROGEN SULFIDE RESISTANT COATING.



LIFT STATION DRIVE CROSS SECTION

SCALE: N.T.S.



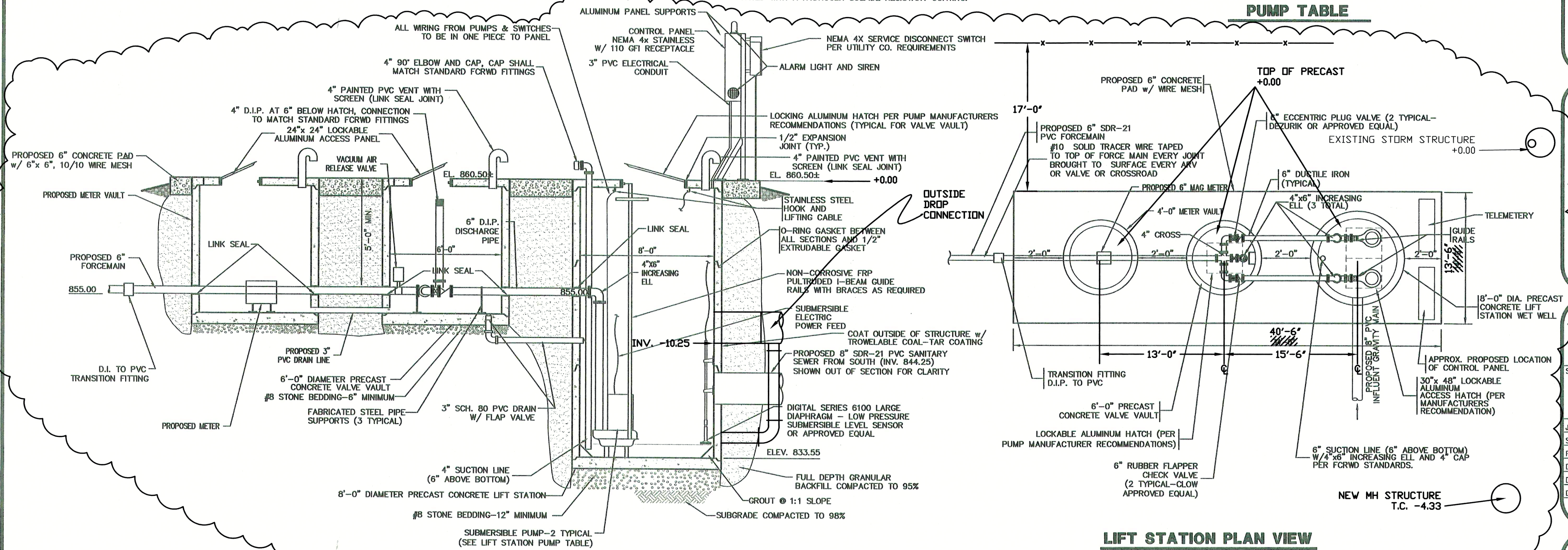
LIFT STATION DRIVE CROSS SECTION - ALTERNATE

SCALE: N.T.S.

PUMP DATA TABLE	
CAPACITY	220 GPM
TDH	65 FEET
HP(min.)	7.5
IMPELLER	8.25"
RPM	1750
VOLTAGE	120/208
PHASE	3
TYPE	NON-CLOG
DISCHARGE	4"

TRANSDUCER SET POINTS	
FLOAT FUNCTION	ELEVATION
PUMPS OFF	835.05
LEAD PUMP ON	840.25
ALARM	841.25
LAG PUMP ON	840.75

LIFT STATION PUMP TABLE



LIFT STATION PLAN VIEW

SCALE: N.T.S.

CONSULTANT:

REVISIONS:

DATE	DESCRIPTION	BY
12-8-04	REVISED PER F.C.R.W.D.	BKY
12-21-04	MISC. REVISIONS	BKY
5-18-06	RECORD DRAWINGS	CJF

APPROVED BY:



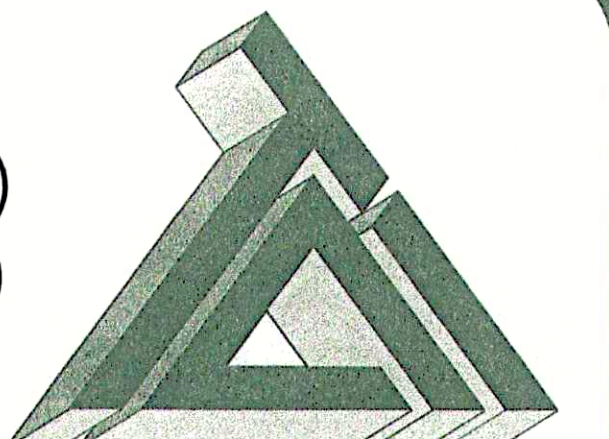
RECORD DRAWING

This drawing has been revised from the original contract drawings to show minor/major changes made during construction. This drawing is not warranted to be complete and accurate in all respects.

GRW Engineers, Inc.

Date: 5-18-06 By: CJF

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DESIGNED FOR:

FALL CREEK REGIONAL WASTE DISTRICT
SANITARY SEWER ADDITIONAL
CONNECTIONS AND SERVICE CONNECTIONS

SHEET TITLE:
LIFT STATION DETAILS

JOB NUMBER: 200402E	CHECKED BY: J.W.F.
SCALE: AS NOTED	PLOT DATE: 12/21/04
PLOT SCALE: 1" = 1'	DATE: OCT. 2004
DRAWN BY: BKY	DESIGNED BY: Michael P. Hunter, P.E.
DRAWING NAME: CAREFREE-LS-REV	

SHEET No.

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OF 21