PUMP STATION NOTES

1. THE OWNER WILL PROVIDE THE PUMP STATION MODULE FOR INSTALLATION BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT INCLUDE THE FURNISHING OF THIS EQUIPMENT IN THE PRICE BID.

2. THE PRICE BID FOR FURNISHING AND INSTALLING THE PUMP STATION INCLUDING THE WET WELL PUMP UNIT, AND MISCELLANEOUS APPURTENANCES SHALL INCLUDE ALL COSTS FOR INSTALLING THE PUMP STATION AS SHOWN IN THE PLANS COMPLETE, IN PLACE AND IN OPERATION. THIS PRICE SHALL INCLUDE THE COST OF CONSTRUCTING AND/OR INSTALLING COMPACTED SUBGRADE, CONCRETE PAVEMENT, ELECTRICAL COMPONENTS, CONDUIT AND WIRING. DISCONNECT SWITCH, PUMP UNIT, AUXILIARY POWER SUPPLY, PHONE SERVICE, ELECTRICAL POWER SUPPLY, NATURAL GAS SUPPLY, FINISHED GRADING, LANDSCAPING, FENCING, AND ANY OTHER INCIDENTALS NECESSARY TO COMPLETE THE WORK AND PLACE THE PUMP STATION INTO SATISFACTORY OPERATION. THE PRICE BID SHALL INCLUDE ALL SANITARY SEWER PIPE AND FORCE MAIN EXTENDED OUTSIDE THE SLAB AS SHOWN IN THE SITE PLAN AND DETAILS (THIS SHEET).

3. CONTRACTOR SHALL SUPPORT ALL PIPING INSIDE THE WET WELL AS REQUIRED.

4. ALL HARDWARE WITHIN THE WET WELL INCLUDING BRACKETS, BOLTS, NUTS, ETC. SHALL BE STAINLESS STEEL.

5. THE CONTRACTOR SHALL COORDINATE WITH EVERGY ENERGY, AT&T, AND KANSAS GAS SERVICE, AND EXTEND GAS SERVICE TO THE PUMP STATION SITE. THE CONTRACTOR SHALL VERIFY THE ELECTRICAL, TELEPHONE AND GAS SERVICE REQUIREMENTS THAT ARE TO BE PROVIDED BY EVERGY, AT&T, AND KGS.

   NO SEPARATE PAYMENT WILL BE MADE TO THE CONTRACTOR FOR EXTENSION OF UTILITY SERVICE LINES, AND ALL REQUIRED COSTS FOR EXTENSION OF UTILITY SERVICE LINES SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR THE PUMP STATION

   THE CONTACT PEOPLE ARE LISTED BELOW

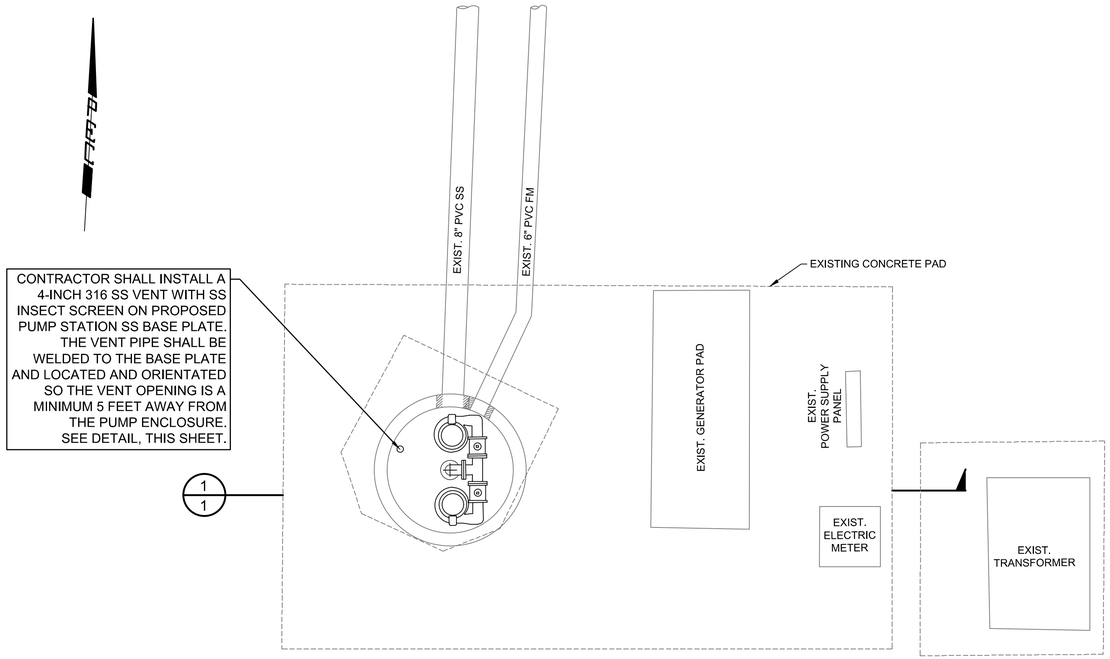
AT&T	EVERGY	KANSAS GAS SERVICE
ATTN: SHANNON BRINKMEYER	ATTN: PEDRO MALDONADO	ATTN: ADAM KNOLLA
154 N. BROADWAY, ROOM 210	1900 E. CENTRAL (3RD FLOOR)	1021 E. 26TH ST. NORTH
WICHITA, KS 67202	WICHITA, KS 67201	WICHITA, KS 67219
PH (316) 268-2931	PH (316) 261-6245	PH (316) 832-3123

6. CONTRACTOR SHALL LOCATE FLOATS SO FUTURE FLOW INTO THE WET WELL WILL NOT INTERFERE WITH FLOAT OPERATION

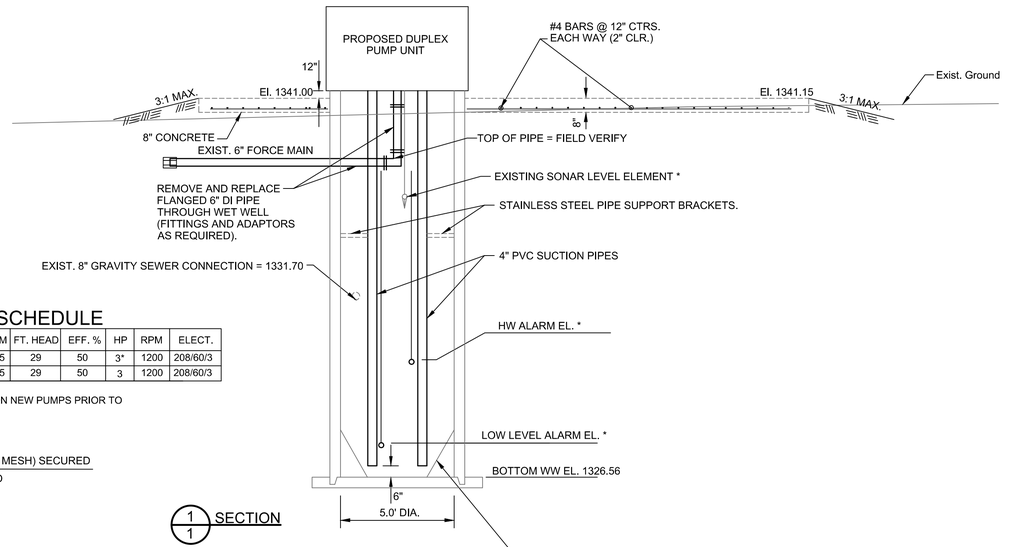
7. THE INTERIOR SURFACE OF THE WET WELL BE COATED PER THE CITY OF WICHITA STANDARD SPECIFICATIONS FOR SPECIALIZED COATINGS.

8. THE CONTRACTOR SHALL VERIFY THE ACTUAL DIMENSIONS WITH THE SMITH AND LOVELESS PUMP STATION MODULE FURNISHED BY THE OWNER FOR THE PROJECT. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR ITEMS NECESSARY TO SATISFACTORILY INSTALL THE PUMP STATION AS PROVIDED BY THE OWNER.

9. THE CONTRACTOR SHALL INSTALL AND OPERATE THE PUMP STATION MODULE AND RELATED COMPONENTS IN ACCORDANCE WITH THE MANUFACTURE'S REQUIREMENTS AND RECOMMENDATIONS. THE OWNER AND ENGINEER WILL NOT BE RESPONSIBLE FOR ANY FAILURE OR DEFECTS EITHER DIRECTLY OR INDIRECTLY CAUSED BY IMPROPER INSTALLATION, OPERATION, OR LACK OF COORDINATION BY THE CONTRACTOR, IN THE COMPLETED PUMP STATION.



PLAN
NO SCALE



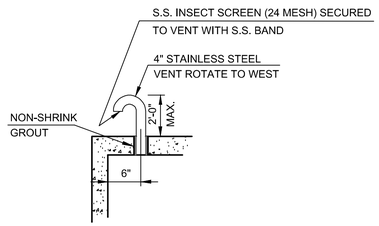
PUMP STATION
NO SCALE

* CONTRACTOR SHALL FIELD VERIFY ELEVATIONS OF EXISTING FLOATS AND LEVEL ELEMENTS AND REINSTALL AT SAME ELEVATIONS.

PUMP SCHEDULE

MARK	TYPE	STATUS	GPM	FT. HEAD	EFF. %	HP	RPM	ELECT.
P-1	VACUUM PRIMED	PROPOSED	175	29	50	3*	1200	208/60/3
P-2	VACUUM PRIMED	PROPOSED	175	29	50	3	1200	208/60/3

* CITY STAFF WILL INSTALL 10 HP MOTORS ON NEW PUMPS PRIOR TO PLACING STATION INTO OPERATION.



WET WELL VENT DETAIL
NO SCALE

PEC
PROFESSIONAL ENGINEERING CONSULTANTS
303 SOUTH TOPEKA
WICHITA, KS 67202
316-262-2691 www.pec1.com

CITY OF WICHITA

WILLIAM GLESSNER LICENSED 02/26/2022 KANSAS PROFESSIONAL ENGINEER

SANITARY SEWER IMPROVEMENTS

LIFT STATION NO. 16

AT

POPLAR STREET,
SOUTH OF E. 37TH STREET N

GARY JANZEN, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-2020-019216 S0013

Issue:		

JOB NO.	35-217043-007-0042
DATE	NOVEMBER 2021
PM	RWG
DESIGNED BY	RWG
DRAWN BY	KTD
CHECKED BY	TBK

LIFT STATION DETAILS

CU501

SAVED 2/25/2022 8:39:55 AM BY KURTIS.DEKAT
PLOTTED 2/25/2022 1:34:30 PM BY KURTIS DEKAT
U:\WICHITA-CIVIL\2021\217043\007\MUNI\DRAWINGS\217043-007-CU501.DWG