











- 1-20 AMP FOR THE STATION. TOWER SECTION SCADA CONSTRUCTED TELEMETRY TRUCTED BY LANCASTER COUNTY WATER & SEWER BREAKER IN BREAKER BOX LABELED SOLELY FOR BY LCW&SD'S SPECIFICATIONS. THIS INSTALLATION IS TO SYSTEM TO BE INSTALLED BY LCW&SD AT SCADA SYSTEM. DISTRICT 봈 CONTRACTOR'S LCW&SD). BE MADE A PART OF THE CONSTRUCTION PROCESS CONTRACTOR TO INSTALL FIRST 10' EXPENSE. EXPENSE. ENTIRE SYSTEM TO BE ELECTRICIAN TO SUPPLY LCW&SD SECTION OF **≤** ∃ SUPPLIED
- Ņ DESIGN SHOWN IS INTENDED AS A TYPICAL LAYOUT. ACTUAL LAYOUT MAY VARY IN DIMENSION BUT SHALL REMAIN OTHERWISE SIMILAR. ACTUAL SITE PLAN SHALL BE SUBMITTED TO LANCASTER COUNTY WATER AND SEWER FOR APPROVAL.

 ALL FITTINGS IN WET WELL AND VALVE VAULT SHALL BE INTERIORLY COATED FOR HYDROGEN SULFIDE PROTECTION AND SHALL BE FLANGED AND SECURED WITH STAINLESS BOLTS, NUTS, & WASHERS.

 PUMP STATION SHALL MEET ALL LCW&SD SPECS.

 CONTRACTOR TO SUPPLY MANUFACTURER WITH ALL LCW&SD SPECS FOR ORDERING.

 OUTSIDE LIGHT(S) SHALL BE INSTALLED ACCORDING TO LCW&SD SPECS.
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- STAND BY GENERATOR SHALL MEET LANCASTER COUNTY STANDARDS.
 THE ELECTRICAL SERVICE SHALL BE IN ACCORDANCE WITH LCW&SD S STANDARD SPECIFICATIONS. SHOP DRAWINGS SHALL BE
- PROPERLY SUBMITTED FOR APPROVAL.
 THE ACCESS DRIVE TO THE PUMP STATION SHALL BE ALL WEATHER AND ACCESSIBLE BY THE LCW&SD CRANE TRUCK.
 EASEMENT FOR DRIVEWAY TO BE A MINIMUM OF 25' IN WIDTH. THE ACCESS DRIVE MAY BE REQUIRED TO BE ASPHALT PER
- ō LCW&SD DUE TO PROPOSED CONDITIONS . 2" CONDUIT SHALL EXTEND FROM WET WELL TO JUNCTION BOX AND CONTROL PANEL FOR ALL PUMPS AND FLOAT SWITCHES. Ŋ

- 14. , ALL EXTERIOR CONDUIT AND CONNECTORS/HARDWARE TO BE RIGID PVC COATED.

 2. ALL CONCRETE ANCHORS SHALL BE 316 STAINLESS STEEL.

 3. CONTROL PANEL TO BE BOUGHT FROM PUMP SUPPLIER.

 4. LCW&SD USES AN S FLOAT SYSTEM. THE LOW FLOAT SHALL TURN OFF ALL PUMPS IN AUTOMATIC ONCE ACTIVATED. THE SHALL BE A LOW AND HIGH CONTACT FOR THE SCADA SYSTEM TO BE ABLE TO MONITOR FOR EACH.

 5. PROVIDE CONTROL PANEL WIRING DETAILS FOR REVIEW INCLUDING INTER—CONNECTION DIAGRAM OF ELECTRICAL DRAWINGS.

 6. WET WELL AND VALVE VAULT SHALL HAVE SOLID ALUMINUM DIAMOND PLATE LIDS WITH SPRING ASSIST IF MORE THAN 50 TERE E
- LBS. LIFTING WEIGHT. LIDS SHALL INCLUDE RECESSED LIFTING HANDLE AND SECURITY LATCH/LOCK AND FACTORY INSTAL SAFETY SLIDE BARS TO HOLD LIDS VERTICALLY OPEN, LIDS TO BE COMPLETE WITH ALUMINUM FRAME TO BE MOUNTED IN CONCRETE TOP SLABS OF WET WELL AND VALVE VAULT.

 ALL SETS OF LIDS ARE TO BE LARGE ENOUGH TO PULL PUMPS STRAIGHT OUT OF WET WELL AND HAVE FULL VERTICAL AND SECURITY LATCH/LOCK AND FACTORY INSTALLED
- **78**
- 20. ACCESS TO CHECK AND GATE VALVES.

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 3. TOP SLABS OF WET WELL AND VAULT TO BE 6 INCHES ABOVE GRADE.

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 3. CHECK VALVES ARE TO BE ARM WITH WEIGHT TYPE. THE TEE IN VALVE VAULT IS TO BE 12 X 12 X 12 INCH WITH THE 12 INCH AT THE DISCHARGE POINT OF THE TEE TO CONNECT TO THE FORCE MAIN.

 3. CHECK VALVES ARE TO BE ONE PIECE (WALLS AND FLOOR) PREFABRICATED OR POURED IN PLACE. THE VAULT IS TO BE INCH VALVES AND WALLS AND 30 INCH CLEARANCE BETWEEN. VALVES.
- THE DISCHARGE PIPES ARE TO BE SOLID (ONE PIECE) FROM THE 90 DEGREE ELBOW IN THE WET WELL TO INSIDE 유
- (6 FOOT FLANGED SPOOL SHOULD BE LONG ENOUGH). USE A MEG-, IN THE VALVE VAULT TO CONNECT THE PIPE END OF THE SPOOL TO PIPES INSIDE AND OUTSIDE OF THE WET WELL AND VAULT SHALL BE NON-SHRINK GROUT OR LINK SEAL. USE A MEG-A-FLANGE CONNECTOR THE CHECK VALVES. SEALED WITH
- 22. LIGHT PACKS WIRED TO ONE PHOTOCELL. SHALL BE INSTALLED AT OUTSIDE DOOR AND AT WET WELL AND
- 23. PROVIDE 2" WATERLINE GUARD VALVE WITH SQUARE HEAD FITTINGS AT LINE TO 3/4" AT BACKSIDE OF VALVE. (FOR YARD HYDRANT SUPPLY). A HYDRANTS SHALL BE METERED WITH A STANDARD LCW&SD METER SERVICE. NORMAL RESIDENTIAL CUSTOMER AT CONTRACTOR'S EXPENSE. CKSIDE OF VALVE. (FOR YARD HYDRANT SUPP METERED WITH A STANDARD LCW&SD METER YY), ALL YARD SERVICE AS A TAP. REDUCE

(NOTE FOR ENGINEER)-INCLUDE TYPICAL PUMP PERFORMANCE CURVE SHALL PROPOSED ନ× . 照 SHOWN ON THE

LANCASTER COUNTY WATER & SEWER DISTRICT
PUMP STATION NOTES
SEWER
01/06 SCALE: NONE
PSNOTES SHEET S7



