



VALVE PIT

LIFT STATION SPECIFICATIONS:

1. PIPING AND VALVES FOR THE LIFT STATION SHALL BE STATED ON PLAN
2. FORCE MAIN PIPING SHALL BE STATED ON PLAN
3. A "MISSION COMMUNICATIONS" RTU (MODEL MYDRO 850) TO BE INSTALLED TO TIE INTO EXISTING SCADA SYSTEM AND ALL APPURTENANCES ASSOCIATED WITH IT, INCLUDING THE FIRST YEAR OF SERVICE AND THE WET WELL MODULE .
4. NEMA WEATHER PROOF MOUNTING ENCLOSURE FOR EXTERIOR MOUNTING OF UNIT
5. WET WELL MODULE (INCLUDES WET WELL MODULE PRINTED CIRCUIT BOARD, AC STRAP-ON CURRENT SENSORS AND MOUNTING HARDWARE)
6. SERVICE PACKAGE- MYDRO 850 (1 YEAR WIRELESS/WEB BASED SERVICE PACKAGE FOR SPECIFIED MODEL)
7. TYPE AND SIZE OF BACKUP GENERATOR MUST BE INCLUDED IN PLANS.

NOTES:

1. RADAR MUST BE INSTALLED 1' MINIMUM AND 5' MAXIMUM FROM STAINLESS STEEL BRACKET.
2. ELECTRICAL CONDUIT AND FITTINGS ACCORDING TO STATE AND LOCAL CODES. 2" CONDUIT FOR PUMPS AND 1" CONDUIT FOR COMMUNICATION SERVICES.

Note:

ALL INTERIOR CONCRETE SURFACES OF WET WELL, INCLUDING INTERIOR OF TOP SLAB, SHALL BE COVERED WITH RAVEN 405, 100% SOLIDS EPOXY LINER.

**LIFT STATION
MECHANICAL DETAILS**

CITY OF JENKS, OKLAHOMA

ENGINEERING DEPARTMENT

DATE: 4-11-22	STANDARD NO. SAN-15a
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