



TYPICAL INDIVIDUAL LIFT STATION  
WITH SEPTIC TANK & PUMP CHAMBER

PINTO POINT SEWER DISTRICT

DATE: 4/24/2024  
NOT TO SCALE.  
SPECIFICATION PG: 1 OF 2

## GENERAL NOTES

- 1 ELECTRICAL EQUIPMENT SHALL INCLUDE BUT NOT BE LIMITED TO:  
EXTERIOR MOUNTED CONTROL PANEL WITH CORROSION PROOF ENCLOSURE.  
CIRCUIT BREAKER.  
MANUAL FLOAT OVERRIDE.  
ALARM TEST BUTTON.  
HIGH WATER LIGHT WITH RED BULB VISIBLE FROM ACCESS ROAD.
- 2 ALL WORK TO CONFORM WITH THE REQUIREMENTS OF THE PANHANDLE  
HEALTH DISTRICT, IDAHO DEPT. OF ENVIRONMENTAL QUALITY AND  
BYLAWS OF THE PINTO POINT SEWER DISTRICT.
- 3 ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- 4 HOMEOWNER TO COORDINATE INSTALLATION AND CONNECTION WITH  
PINTO POINT SEWER DISTRICT.
- 5 PROVIDE STATE OF IDAHO APPROVED SEPTIC TANK.
- 6 NO FLEX PIPE IS ALLOWED INSIDE OR OUTSIDE OF SEPTIC TANK WITH THE EXCEPTION OF KEYNOTE #18.
- 7 HOMEOWNER MUST RECEIVE WRITTEN APPROVAL FROM THE PINTO POINT  
SEWER DISTRICT TO CONNECT TO SEWER MAIN.
- 8 ALL WORK MUST MEET PINTO POINT SEWER DISTRICT SPECIFICATIONS.
- 9 ALL WORK MUST BE INSPECTED AND APPROVED BY THE PINTO POINT SEWER  
DISTRICT PRIOR TO BURIAL.

## KEYED NOTES

- 1 HIGH WATER LIGHT. MOISTURE PROOF EXTERIOR LIGHT FIXTURE.  
VAPORLITE VWGG OR EQUAL. INSTALL RED BULB, A-21, 60W.  
CONNECT TO HIGH LEVEL ALARM CIRCUITRY IN CONTROL PANEL.
- 2 DISCONNECT CIRCUIT BREAKER BOX.
- 3 CONTROL PANEL. ORENCO MODEL S2 230V, 1 PHASE SIMPLEX CONTROL PANEL.
- 4 CLEAN OUT TO GRADE.
- 5 4" PVC AT 2% MINIMUM SLOPE.
- 6 FIBERGLASS LID. MODEL FLD24G AND 24" DIA. PVC RISER MODEL RR24.  
USE TRAFFIC LID AND RISER IF VAULT IS INSTALLED IN A TRAFFIC AREA.
- 7 1000 GAL PRECAST SEPTIC TANK W/500 GAL PUMP CHAMBER IS THE MINIMUM SIZE  
FOR NO MORE THAN 4 BEDROOMS. WILBERT PRECAST PRODUCT #163MP  
MINIMUM SIZE. WILBERT PRECAST IS ACCEPTED BY IDAHOZOOM. DWELLINGS  
GREATER THAN 4 BEDROOMS REQUIRE ADDITIONAL SEPTIC AND PUMP CHAMBER  
CAPACITY. CONFIRM MINIMUM SIZE WITH PANHANDLE HEALTH DISTRICT.  
IF DUE TO PRACTICAL NECESSITY A FIBERGLASS TANK MAY BE ACCEPTABLE.  
SUBMIT DRAWINGS TO THE PINTO POINT SEWER DISTRICT FOR REVIEW.
- 8 EFFLUENT PUMP CHAMBER. 500 GAL TYPICAL CAPACITY. SEPARATE PUMP  
CHAMBER MAY BE ACCEPTABLE. SUBMIT DRAWINGS FOR REVIEW.
- 9 INTERNAL SPLICE BOX. ORENCO SB4.
- 10 FLOAT BRACKET. ORENCO RRFB
- 11 3 FLOAT SWITCH ASSEMBLY. ORENCO MODEL MF3A-45FS.
- 12 SUBMERSIBLE EFFLUENT PUMP. BARNES MODEL STEP102SS, 1 HP, 230V, 1 PHASE
- 13 (2) - 1 1/4" BUSHING. SCHEDULE 80 OR STAINLESS
- 14 1 1/4" MALE SLIP TO THREAD. SCHEDULE 80.
- 15 1 1/4" PVC. SCHEDULE 80.
- 16 1 1/4" PVC CHECK VALVE. SPEARS S1520-12 SWING CHECK.
- 17 1 1/4" MALE & FEMALE SLIP TO THREAD SWING. SCHEDULE 80.
- 18 1 1/4" HOSE ASSEMBLY AFSXLP1212 - AFS PRESSURE FLEX ASSEMBLY OR EQUIVALENT.
- 19 1 1/4" UNION. SCHEDULE 80. SPEARS 857-012
- 20 1 1/4" PVC BALL VALVE. SLIP TO SLIP. SCHEDULE 80. SPEARS BALL-SPR2612012.
- 21 1 1/4" GROMMET.
- 22 1 1/4" SCHEDULE 80, 90 DEGREE
- 23 1 1/4" THREAD TO THREAD REINFORCED SCHEDULE 80
- 24 1 1/4" STAINLESS NIPPLE. 8" MINIMUM.

### THE FOLLOWING APPLY TO NEW OR UPGRADE INSTALLATIONS.

- 15 1 1/4" PVC. SCHEDULE 80.
- 25 1 1/4" CURB STOP. A.Y. McDONALD BRASS CURB STOP-AYM7610112.
- 26 MAIN SEWER LINE.
- 27 4" RISER & CAP TO GRADE. TRAFFIC RATED IF IN DRIVEWAY.