

REVISIONS		
REF.	DESCRIPTION	DATE

CONTROL EQUIPMENT PLUMBING NOTES

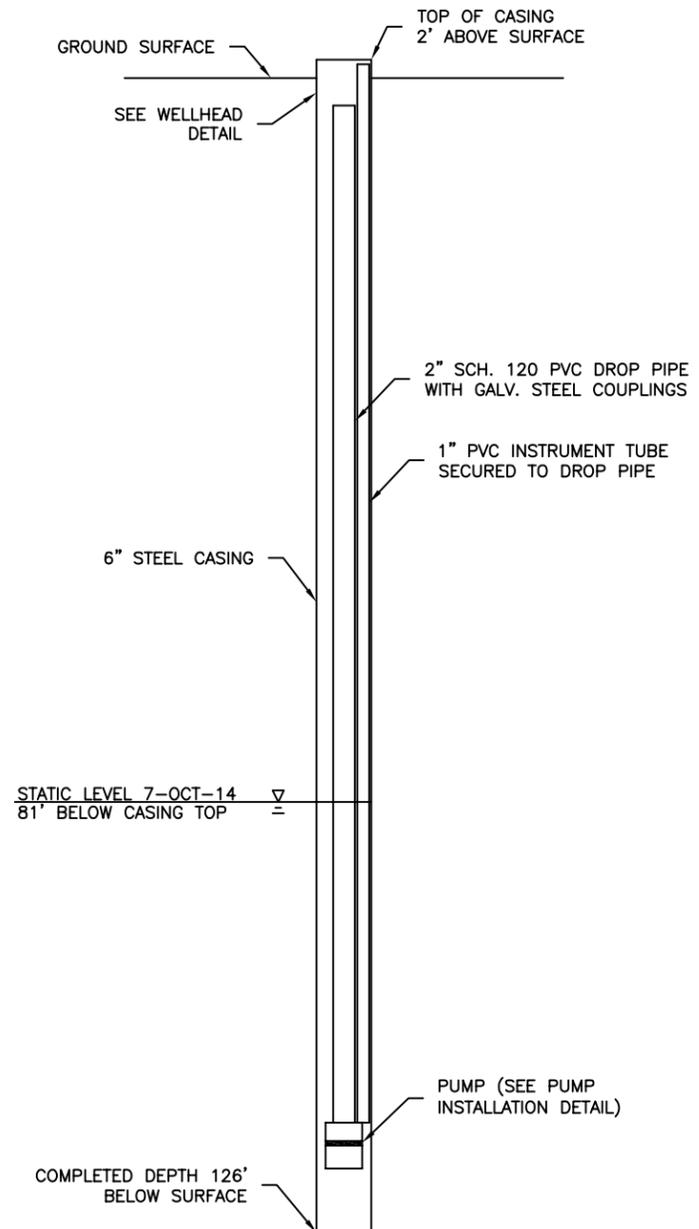
CP1) PRESSURE RELIEF VALVES SHALL HAVE DISCHARGE ROUTED OUTSIDE WITH UNOBSTRUCTED PATH. OPENINGS SHALL BE PROTECTED AGAINST RODENT AND INSECT ENTRY WITH NONCORRODIBLE #24 OR FINER MESH.

CP2) SAMPLE TAP SHALL HAVE SMOOTH OUTLET WITH NO THREADS AND SHALL HAVE AT LEAST 18" CLEARANCE BELOW FOR DRAINING INTO CONTAINER IN USE.

CP3) BRANCH TO MEASURING EQUIPMENT SHALL HAVE ISOLATION VALVE (N/O). APPURTENANCES SHALL INCLUDE PRESSURE TRANSDUCER FOR WELL PUMP DRIVE AND PRESSURE GAGE WITH 0-100 PSI RANGE. PRESSURE GAGE SHALL HAVE SEPARATE ISOLATION VALVE FOR REPLACEMENT WITH SYSTEM IN SERVICE.

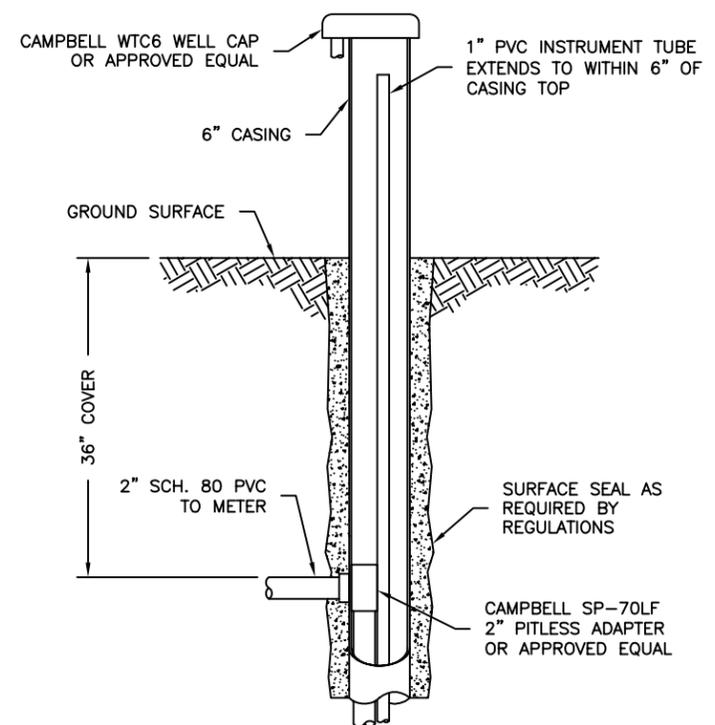
CP4) ALL PIPING AND APPURTENANCES SHALL BE SECURED AND INSTALLED IN COMPLIANCE WITH ALL OF THE FACILITY OWNER'S REQUIREMENTS.

CP5) THE INSTALLER SHALL COORDINATE WITH THE FACILITY OWNER OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.



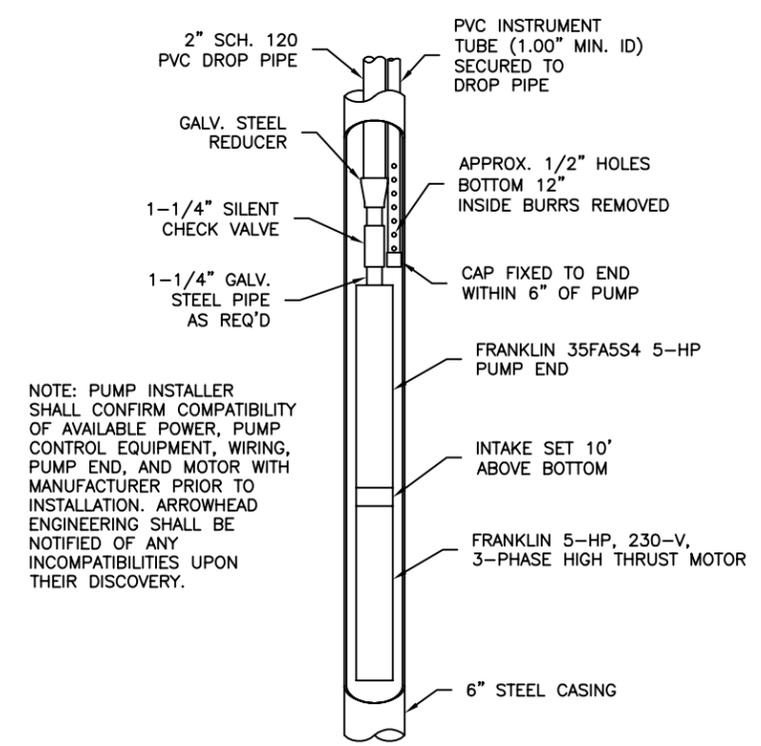
WELL CONSTRUCTION  
NOT TO SCALE

1  
D1



WELLHEAD DETAIL  
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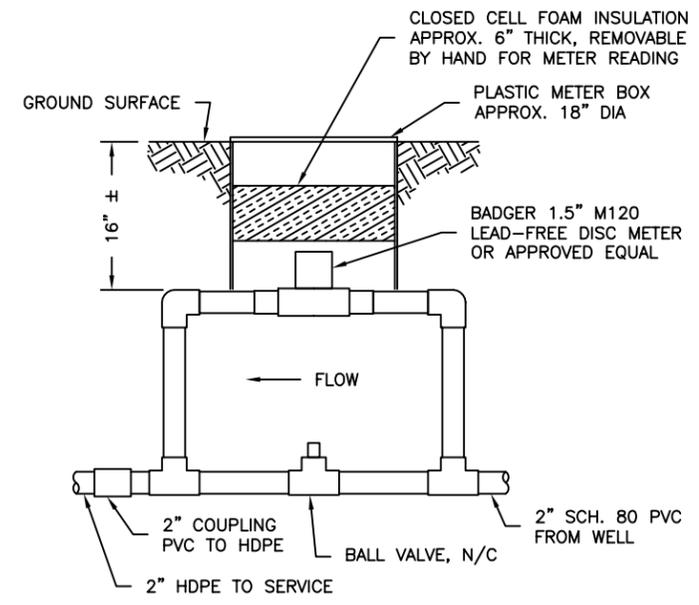
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NOTE: PUMP INSTALLER SHALL CONFIRM COMPATIBILITY OF AVAILABLE POWER, PUMP CONTROL EQUIPMENT, WIRING, PUMP END, AND MOTOR WITH MANUFACTURER PRIOR TO INSTALLATION. ARROWHEAD ENGINEERING SHALL BE NOTIFIED OF ANY INCOMPATIBILITIES UPON THEIR DISCOVERY.

PUMP INSTALLATION DETAIL  
NOT TO SCALE

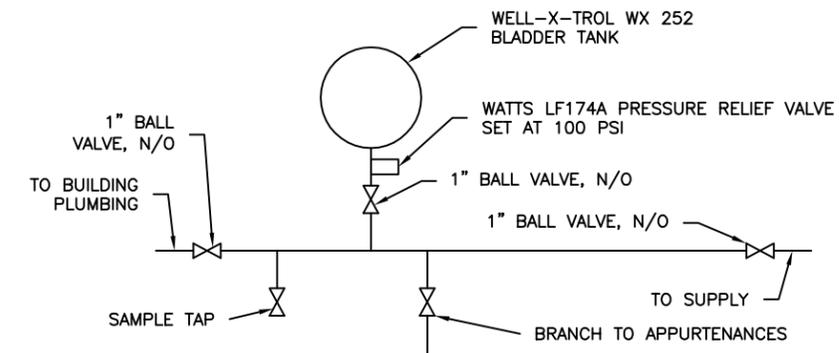
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NOTE: METER BOX SHALL NOT BEAR ON PIPE. BASE OF METER BOX SHALL BE SET ON MASONRY BLOCKS OR EQUIVALENT (NOT SHOWN). FACE OF METER SHALL BE AT LEAST 12" AND NOT MORE THAN 18" BELOW THE GROUND SURFACE. ALL PIPING SHALL BE 2" SCH 80 PVC WITH GLUED JOINTS OR 2" DR 11 IPS HDPE. IF METER IS LOCATED MORE THAN 50' FROM THE WELL, HDPE SHALL BE USED BETWEEN THE WELL AND METER.

SOURCE METER DETAIL  
NOT TO SCALE

4  
D1



WELL PUMP CONTROL NOTES

CN1) WELL PUMP SHALL USE FRANKLIN P SERIES CI-015-P2 STAND ALONE VARIABLE SPEED DRIVE AND COMPATIBLE LINE REACTOR, OUTPUT FILTER, AND 4-20 mA PRESSURE TRANSDUCER.

CN2) PUMP DRIVE SHALL BE PROGRAMMED TO PROVIDE A SET PRESSURE OF 60 PSI OR AS REQUIRED BY LEWIS COUNTY. DRIVE WAKE-UP PRESSURE SHALL BE 10 PSI BELOW SET PRESSURE. ALL PROGRAMMING SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

CN3) CONTROL EQUIPMENT SHALL BE INSTALLED IN AREA PROTECTED FROM FREEZING AND EXCESSIVE TEMPERATURES, RODENTS, UNAUTHORIZED ACCESS, AND TOLERANT OF WATER EXPOSURE FROM SAMPLE TAP USE.

CONTROL SCHEMATIC  
NOT TO SCALE

5  
D1



26-Nov-14

PROJECT NAME: AREA 7 SHOP WATER	
PROJECT LOCATION: RANDLE	
PROPOSER: LEWIS COUNTY	
DESIGNER: R. SCOTT POLLOCK, P.E.	
FILE NAME: distValves.dwg	
AE JOB: 130903	DRAWING NUMBER:
DRAWN BY: RSP	D1
DATE: 15-NOV-14	SHEET 2 OF 4
SCALE: NONE	TITLE:
SUPPLY DETAILS	