3' DIAMETER X 3' DEEP STEEL VAULT SPRAYED WITH URETHANE FOAM AND POLYSHIELD COATING

GROUNDD SURFACE, SLOPED AWAY FROM WELL

ABANDONED (2006) 1" GALVANIZED WATER PIPE - CAPPED

6" BENTONITE SEAL

URETHANE FOAM SPRAYED TO SEAL DUCT TERMINATION AT CASING W/ POLYSHIELD OUTER COATING

1\% ARMOR SHIELDED POWER CABLE FROM WATER DISTRIBUTION POINT TO J-BOX @ VAULT

NEW WATER PIPE IN ARCTIC PIPE UTILIDUCT (SEE NOTE 3)

1" X \( \approx \) 12" GALVANIZED PIPE FROM PITLESS ADAPTER TO PUMP

6" STEEL CASING

1" CHECK VALVE

PUMP INLET

1/2 H.P. X 6.5 GPM GOULDS SUBMERSIBLE PUMP

RECHARGE "VOID" ZONE BELOW WELL CASING

SCREENED CAP ABOVE GROUND

NOTES:
1. BENTONITE SEAL PLACED AT BASE OF VAULT (2007).
2. VAULT LID SECURED WITH KEYED DOUBLE LOCKS.
3. WATER LINE FROM WELL TO DISTRIBUTION POINT WAS REPLACED IN DEC. 2006 WITH ARCTIC PIPE UTILIDUCT CONSISTING OF 13" OD HDPE OUTER CASING WITH 6" OD HDPE PIPE DUCT INSIDE, AND ANNULAR SPACE FILLED WITH URETHANE FOAM. LINES INSIDE THE PIPE DUCT FROM WELL TO ALUMINUM TANK AT DISTRIBUTION POINT ARE: 1" AQUAPEX TUBING WATERLINE, 2 EA 5/8" HEATPEX TUBING FOR GLYCOL HEAT TRACE LOOP, & 5 WATT ELECTRICAL HEAT TRACE.
4. WATER LINE INCLUDING UTILIDUCT WAS SHORTENED TO 200' IN OCT. 2007 IN CONJUNCTION WITH DISTRIBUTION POINT RELOCATION.
5. BOTTOM OF PITLESS ADAPTER AT 9'-10" BELOW TOP OF CASING.
6. VAULT DRAIN IS APPROX. 8' LENGTH WITH IN-LINE SWING CHECK VALVE.
7. TOP OF WELL CASING EXTENDED 18" IN OCT. 2007.
8. PUMP INLET AT DEPTH OF 28'-2\%".

DRAWING NOT TO SCALE

STATE OF ALASKA
Department of Transportation and Public Facilities
Maintenance & Operations
Northern Region

FOX WELL
REVISED AS-BUILT

SKETCH - SHOWING BASIC COMPONENTS IN PROFILE VIEW

FOX, ALASKA

DATE: NOV 2013 DRAWN: SLC SHEET 3 of 3
NOTE:
2. ALL PARCEL RECORD INFORMATION IS FROM AK DOT&PF RIGHT OF WAY PARCEL PLAT, 6/23/88.