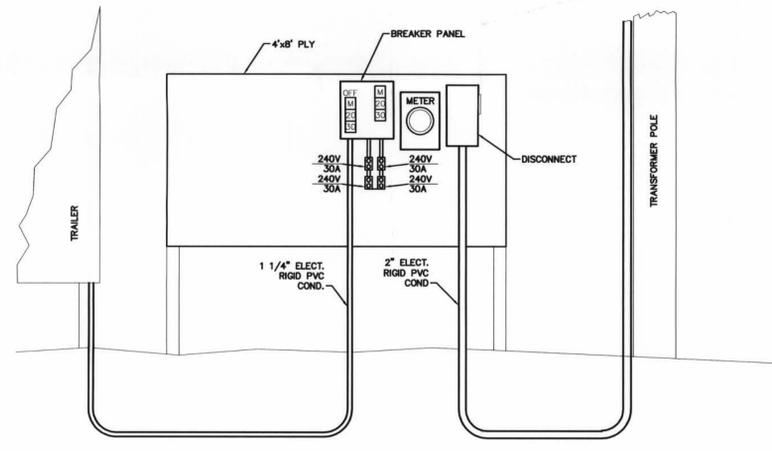


ELECTRICAL SITE PLAN
SCALE: 1/4"=1'-0"

NOTES:

1. ELECTRIC POWER TO BE PROVIDED FROM EXISTING ELECTRIC PANEL BOARD.
2. ALL SHEDS TO HAVE 4' LONG FLUORESCENT 4-LAMP LIGHTS, WITH WALL SWITCHES.
3. SHEDS TO HAVE BASEBOARD HEATERS TO MAINTAIN ROOM TEMPERATURE AS FOLLOWS:
TREATMENT SHED: 40F. (HEATER MOUNTED THERMOSTAT)
SODIUM HYDROXIDE SHED: 60F. (WALL MOUNTED THERMOSTAT)
SULFURIC ACID SHED: 40F. (HEATER MOUNTED THERMOSTAT)
4. ALL WALL OUTLETS TO BE WALL SWITCH CONTROLLED.
5. WELL NO. 0864 SUBMERSIBLE PUMP TO BE CONTROLLED BY SWITCH LOCATED IN TREATMENT SHED.
6. PROBES SET IN NORTH TANK, SOUTH TANK, WEST TANK, AND MIXING TANK SET TO TURN PUMP AT WELL NO. 0864 OFF WHEN WATER IN TANKS REACH PREDETERMINED LEVEL.
7. PROBES IN MIXING TANK TO BE SET TO CONTROL CENTRIFUGAL PUMP: HI-OFF; LO-ON.
8. RECEPTACLE IN SULFURIC ACID SHED AND SODIUM HYDROXIDE SHED:
1) SWITCH CONTROLLED SIDE OF RECEPTACLE TO TURN OFF IF SUBMERSIBLE PUMP TURNS OFF.
2) REMAINING RECEPTACLE TO BE PERMANENTLY ON.



1 ELECTRICAL POWER PANEL
SCALE: 1/2"=1'-0"

REVISION NO.	DATE	DESCRIPTION	DRAWN BY	DESIGNER	PROJECT ENG. APPROVED BY
U.S. DEPARTMENT OF ENERGY GRAND JUNCTION OFFICE, COLORADO					
PROJECT LOCATION: NEW RIFLE SITE RIFLE, COLORADO			APPROVALS DRAWN BY: C.J. WHITNEY 12/01 DESIGNED BY: M.W. MADRIL 12/01 PROJECT ENGINEER: M.W. MADRIL 12/01 APPROVED BY: K.E. KARP 12/01 PROJECT MANAGER: S.J. MARUTZKY 12/01 DATE CONSTRUCTION: N.R.		
PROJECT NO.: UGW-511-0017-25-006 DRAWING NO.: U01437-R00-E01-D+			UMW GROUNDWATER NEW RIFLE SITE ZVI PILOT TEST-25 GPM ELECTRICAL PLAN		
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