

REVISION	DATE	DESCRIPTION
0	08/12/20	ISSUED FOR CONSTRUCTION
1	10/02/20	ISSUED FOR CONSTRUCTION

JOB NO.: 4033-003
 DATE: AUGUST 2020
 SCALE: AS SHOWN
 DESIGNED: LMJ
 DRAWN: LMJ
 ELKO, NEVADA 89801
 PHONE: (775) 738-2121
 FAX: (775) 738-7955
FARR WEST ENGINEERING
 421 COURT STREET

DUCK VALLEY SHOSHONE-PAUTE TRIBES
 DUCK VALLEY STOCK WATER
 DISTRIBUTION DEMONSTRATION PROJECT
 WELL DESIGN AND DETAILS

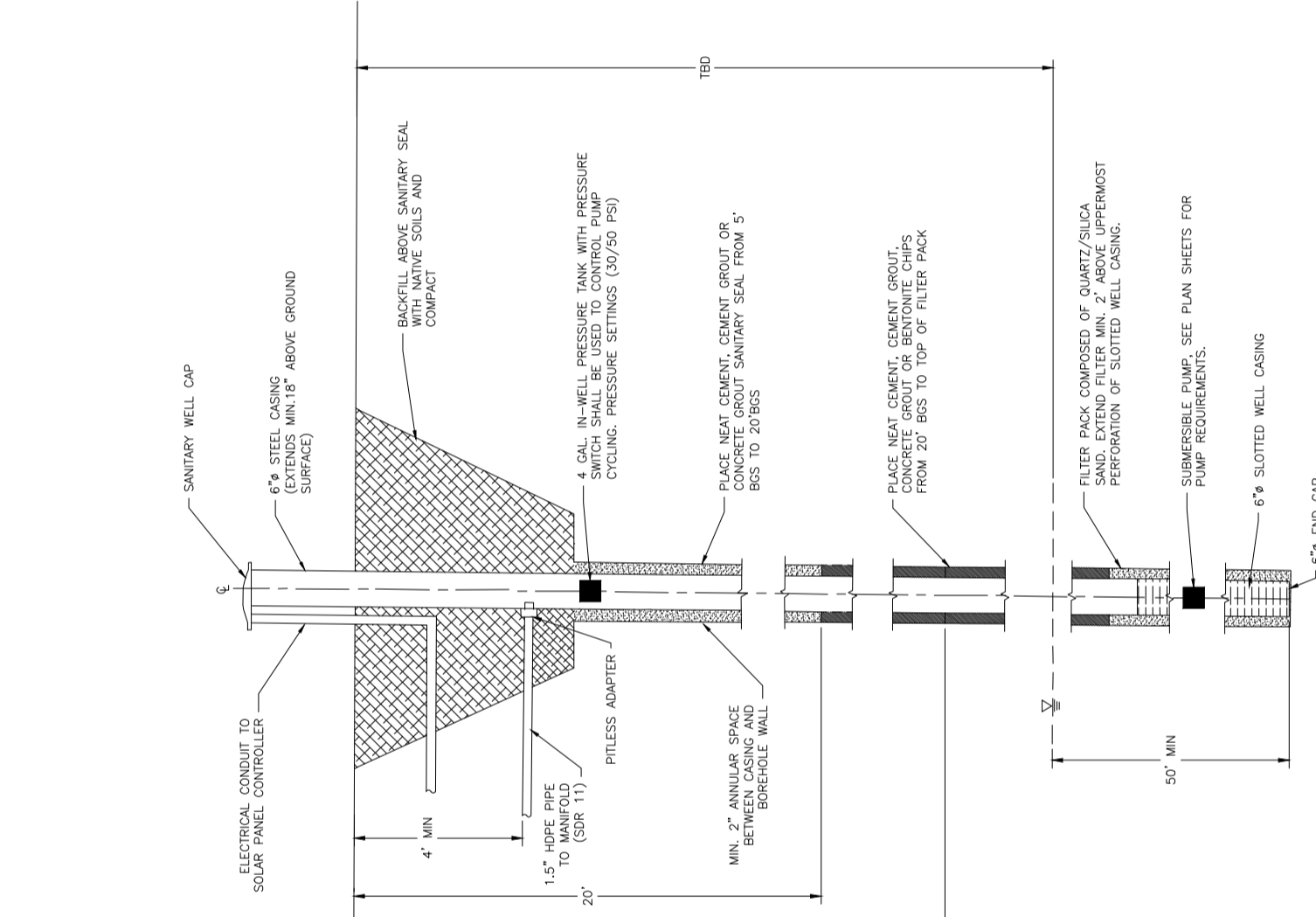
DRAWING NUMBER
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6 OF 7

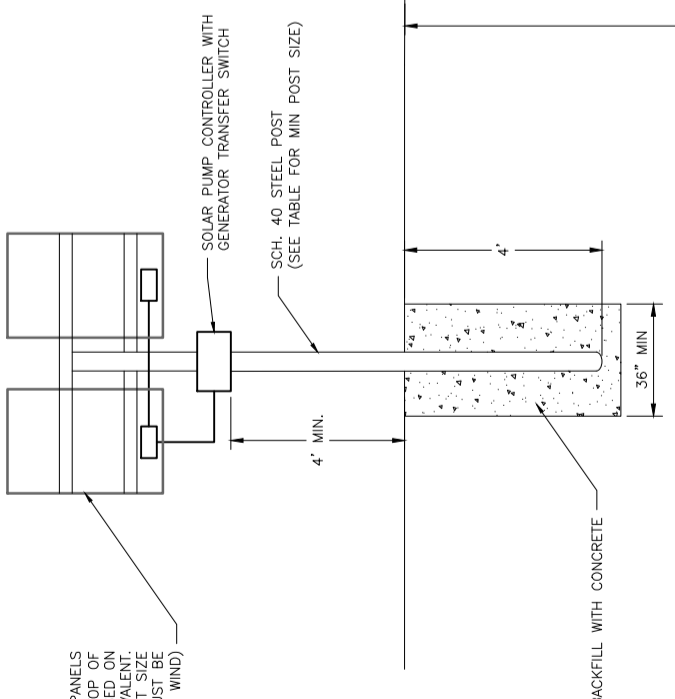
DRAWING ON 11"x17" IS HALF SCALE

NOTES

- A GENERATOR TRANSFER SWITCH SHALL BE INSTALLED AT PUMP CONTROLLER IN ACCORDANCE WITH PUMP MANUFACTURER SPECIFICATIONS. TRANSFER SWITCH TO BE USED IN THE EVENT SOLAR POWER IS NOT ADEQUATE TO OPERATE PUMP.
- A REDUNDANT AC POWERED PUMP CAN BE INSTALLED IN THE WELL AND CONNECTED TO THE GENERATOR TRANSFER SWITCH AT THE REQUEST OF THE OWNER.
- ALL APPURTENANCES SHALL BE PROTECTED FROM FREEZING DAMAGE.
- ALL APPURTENANCES SHALL BE PROTECTED FROM ANIMAL DAMAGE.
- THE LOCATIONS OF WELLS AND TROUGHS ARE APPROXIMATE. FINAL LOCATIONS WILL BE DETERMINED IN THE FIELD.

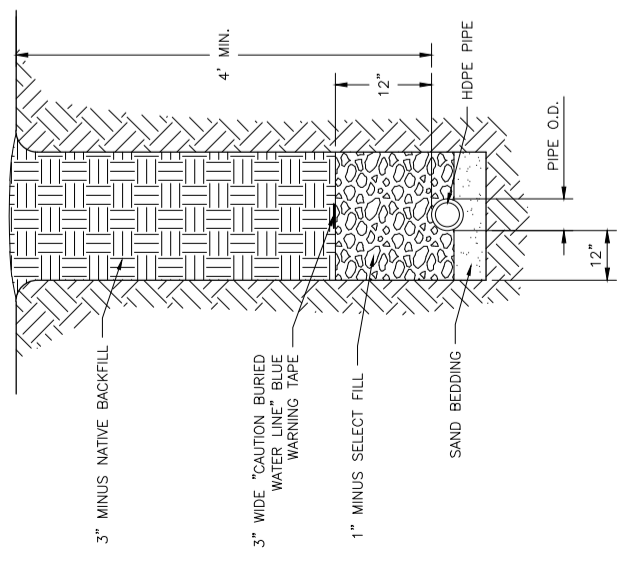


SOLAR PUMP AND WELL SECTION
 SCALE: NTS

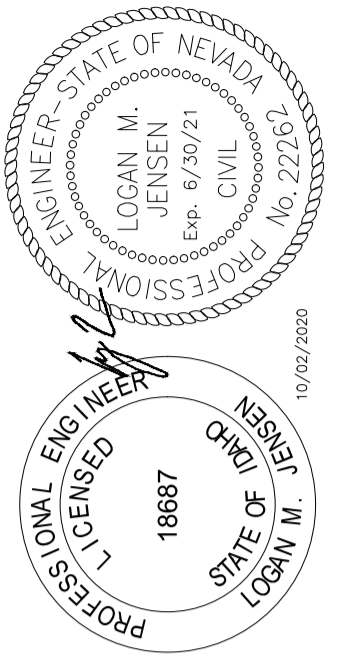


SOLAR PANEL MOUNTING			
SITE	# OF PANELS	MIN. POST DIA.	MOUNT 1
WELL 1237	6	0'-6"	UPM 10X
WELL 619	4	0'-5"	UPM 6X
WELL 708	4	0'-5"	UPM 6X

NOTE 1: SOLAR PANEL MOUNT SHALL BE GENERAL SPECIALTIES MANUFACTURING TOP OF POLE MOUNTS AS SPECIFIED, OR AN APPROVED EQUIVALENT



PIPE TRENCH DETAIL
 SCALE: NTS



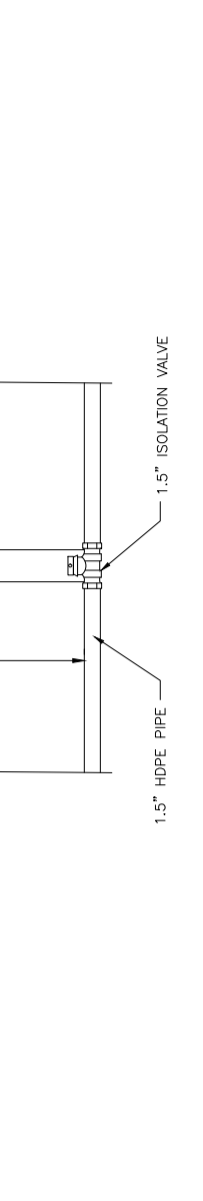
10/02/2020

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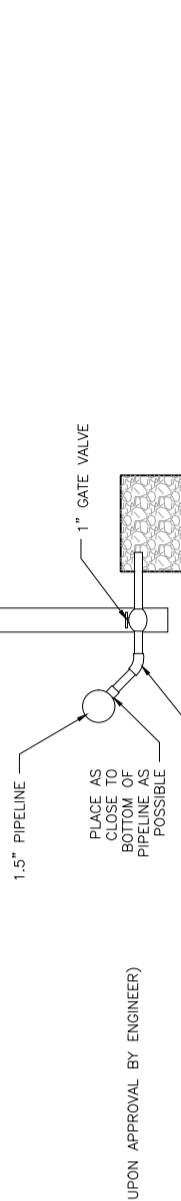
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LIVESTOCK TROUGH SECTION
SCALE: NTS



ISOLATION VALVE DETAIL
SCALE: NTS



PIPE DRAIN DETAIL
SCALE: NTS

DUCK VALLEY SHOSHONE-PAUTE TRIBES
 DUCK VALLEY STOCK WATER
 DISTRIBUTION DEMONSTRATION PROJECT
 LIVESTOCK TROUGH PLAN AND DETAILS

PROFESSIONAL ENGINEER
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PROFESSIONAL ENGINEER-STATE OF NEVADA
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 Exp. 6/30/21
 CIVIL
 No. 22262
 10/02/2020