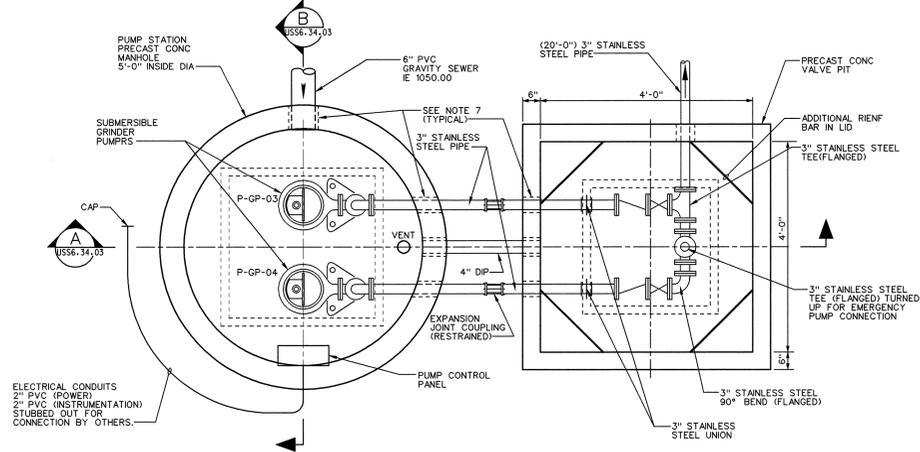
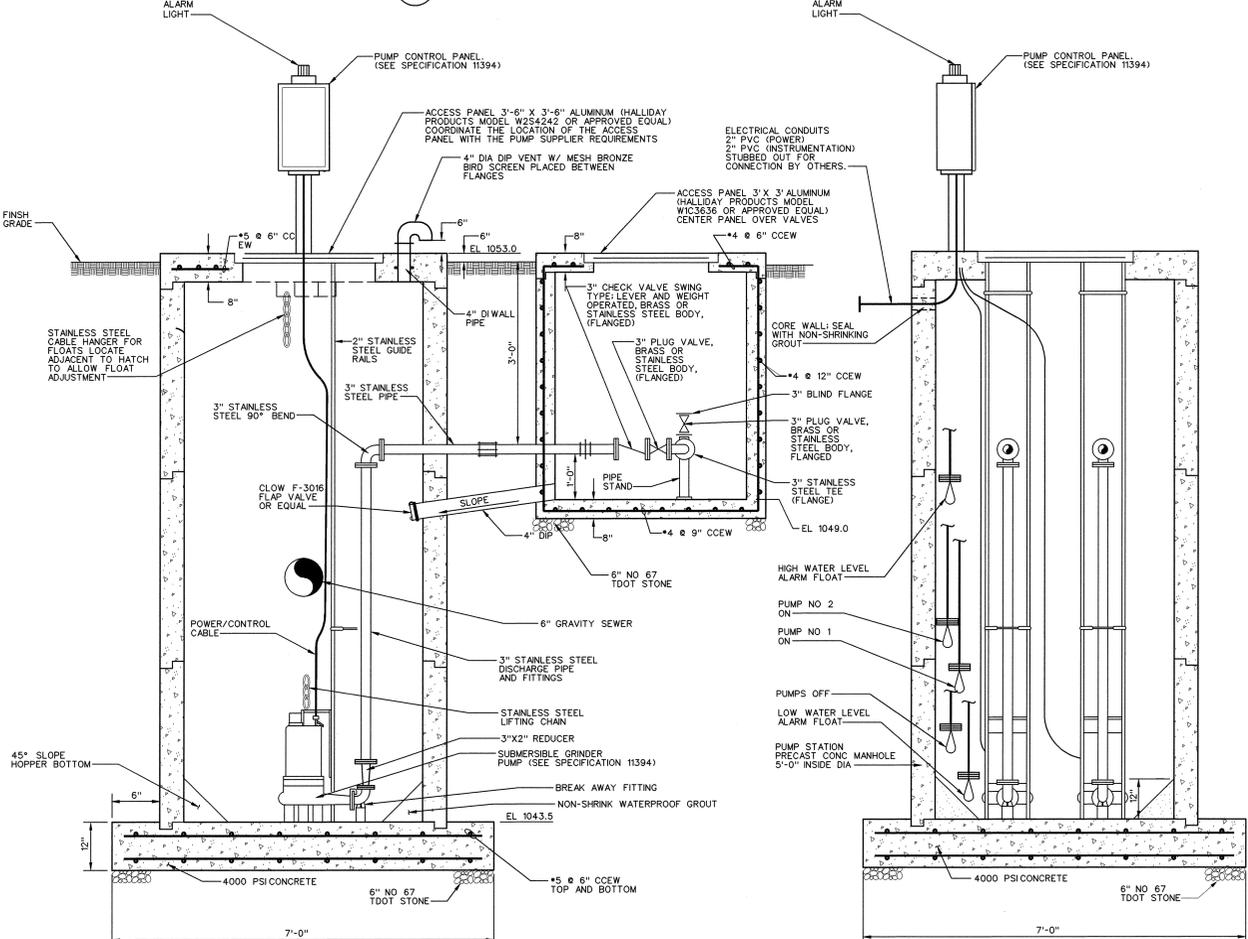


GENERAL NOTES:

- THE HIGH AND LOW WATER LEVELS SHALL BE MONITORED BY FLOAT SWITCH SYSTEM. ACTIVATION OF MECHANISM SHALL ILLUMINATE ALARM LIGHT AND SHUT DOWN PUMPS. (LOW LEVEL)
- ALARM LIGHT FOR HIGH WATER LEVEL AND LOW WATER LEVEL SHALL BE A 120VAC LIGHT WITH RED LENS, GLOBE, GUARD AND 100 WATT LAMP DESIGNED FOR OUTDOOR USE. ALARM LIGHT IS TO BE MOUNTED ON TOP OF CONTROL PANEL.
- CONSTRUCTION OF PRECAST WET WELL/MANHOLE SHALL CONFORM TO SPECIFICATION SECTION 02600. JOINTS SHALL BE TONGUE AND GROOVE AND SEALED WITH A MASTIC SEAL. INTERIOR AND EXTERIOR SURFACES (INCLUDING PIPE PENETRATIONS) OF WET WELL SHALL BE PLASTERED WITH MORTAR AND MADE WATERTIGHT.
- INITIAL SETTINGS FOR PUMP SEQUENCING SHALL BE AS FOLLOWS:
 PUMP LEAD ON - EL - 1048.5 ELEVATIONS SHOWN ARE APPROXIMATE ONLY AND
 PUMP LAG ON - EL - 1049.0
 PUMP OFF - EL - 1048.5 MAY REQUIRE FIELD ADJUSTMENT.
 HWL ALARM - EL - 1049.0
 LWL ALARM - EL - 1045.5
- SEE SPECIFICATIONS SECTION 02736 FOR ADDITIONAL INFORMATION.
- ALL SITE GRADING TO BE APPROVED BY THE CONSTRUCTION MANAGER PRIOR TO SEEDING AND STRAWING.
- INSTALL FLEXIBLE BOOT @ ALL PIPES THRU WALLS. SEE MANHOLE DETAIL SHEET USS6.34.01 FOR DETAILS.
- ALL PIPING AND FITTINGS WITHIN WET WELL AND VALVE VAULT SHALL BE 304 STAINLESS STEEL STANDARD WALL WITH FLANGED CONNECTIONS.
- SEE DRAWING UEL2.61J4 FOR ELECTRICAL POWER AND INSTRUMENTATION CONNECTIONS.
- FOR LOCATION SEE DRAWING USS3.34.J4.



1 GRINDER PUMP STATION PLAN



SECTION A NTS

SECTION B NTS

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NUMBER OF SECTION OR DETAIL

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM 4

ENGINEERING PROCEDURE SNS-ENG-0001

REV	DATE	BY	CHK	DEPT	DATE	PE	DATE	RU	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	
0	A	4	8																						

DSGN	D HAMMAKER	12/9/02
DRW	T PAROLARI	12/9/02
CHKR	M MACINDOE	12/9/02
DEPT		
PE		
PJ		
REQ		

10804000-U8E-8000-A123

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 managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725
 UT-BATTELLE, LLC • Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE

SITE UTILITIES
 GRINDER PUMP STATION - CNMS

1	48	49	50	PLANT	BLDG	FL	SH.	OF TYPE	CLASS
3	U	X	X	8	8000	X	1	1	S U
51	52	53	WBS						
NC	NA	IN	1.8.4						

US\$6.34.05