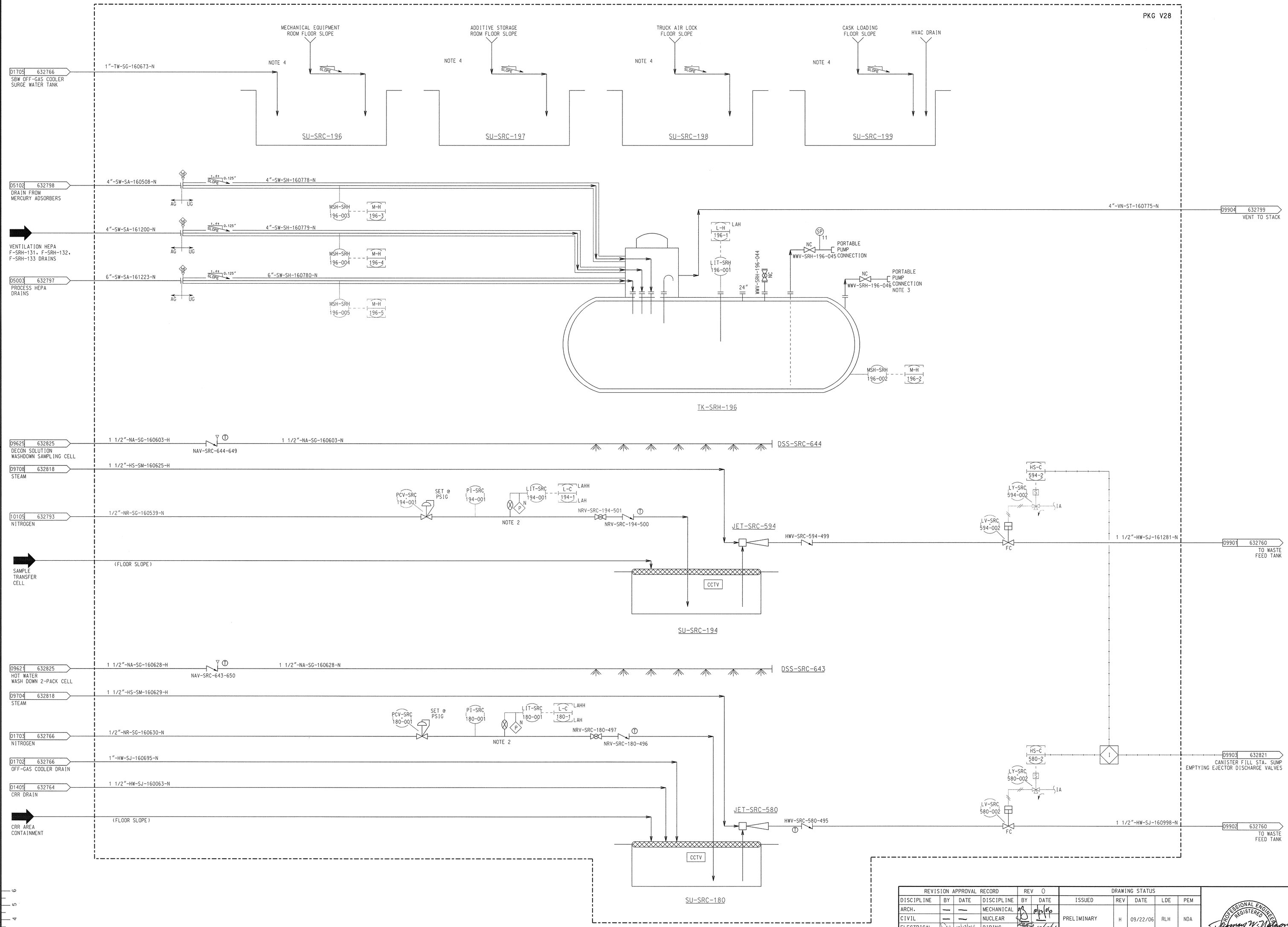
632822

SU-SRC-196	TK-SRH-196	SU-SRC-197	DSS-SRC-644	JET-SRC-594	SU-SRC-198	SU-SRC-194	SU-SRC-199	JET-SRC-580	SU-SRC-180	DSS-SRC-643
MECHANICAL EQUIPMENT ROOM SUMP	HEPA FIREWATER COLLECTION TANK	ADDITIVES STORAGE ROOM SUMP	SOLIDS SAMPLING CELL WASHDOWN SPRAY	SAMPLE TRANSFER CELL STEAM JET EJECTOR	TRUCK AIR LOCK SUMP	SAMPLE TRANSFER CELL SUMP	CASK LOADING SUMP	2 PACK STEAM JET EJECTOR	2 PACK SUMP	2 PACK CELL WASHDOWN SPRAY
WORKING VOLUME: 100 GALLONS DIMENSIONS: 2'X2'X3.5' DEEP	NOMINAL VOLUME: 15,000 GAL DIAMETER: 8 FT OVERALL HEIGHT: 44'-7" GAL	WORKING VOLUME: 100 GALLONS DIMENSIONS: 2'X2'X3.5' DEEP	DESIGN FLOWRATE: 20 GPM	DESIGN FLOWRATE: 40 GPM	WORKING VOLUME: 100 GALLONS DIMENSIONS: 2'X2'X3.5' DEEP	WORKING VOLUME: 25 GALLONS DIMENSIONS: 18"X18"X18" DEEP	WORKING VOLUME: 100 GALLONS DIMENSIONS: 2'X2'X3.5' DEEP	DESIGN FLOWRATE: 40 GPM	WORKING VOLUME: 25 GALLONS DIMENSIONS: 18"X18"X18" DEEP	DESIGN FLOWRATE: 20 GPM



REV	DATE	DESCRIPTION	By / Chk'd
0	10/12/06	ISSUED FOR DESIGN FREEZE	nk / SA

NOTES

1. SEE TYPICAL MOTOR CONTROL DETAIL ON DWG. 632758.
2. SEE (P/N) TYPICAL INSTRUMENT PURGE ON DWG. 632758.
3. FLANGE TO ANNULAR TANK SECTION FOR PORTABLE PUMP CONNECTION.
4. SAMPLE AND ANALYSIS OF COLLECTED WASTEWATER IN SU-SRC-196, SU-SRC-197, SU-SRC-198 AND SU-SRC-199 IS REQUIRED PRIOR TO DISPOSAL.
5. CHANGED INSTRUMENT AND VALVE TAG NUMBERS PER MCP-3785 AND EQUIPMENT TAG NUMBERS PER DCN-IWTU-115.

SAFETY SIGNIFICANT ITEMS:
NONE

REFERENCE DRAWINGS

DRAWING NO.	DRAWING TITLE

IDAHO CLEANUP PROJECT
INTEGRATED WASTE TREATMENT UNIT

PIPING & INSTRUMENT DIAGRAM DRAINS AND SUMPS SHEET 2

Washington Group International
7800 E. Union Ave. - Denver, CO 80237 - (303) 843-2000

REVISION APPROVAL RECORD					REV 0
DISCIPLINE	BY	DATE	DISCIPLINE	BY	DATE
ARCH.	—	—	MECHANICAL		10/10/06
CIVIL	—	—	NUCLEAR		
ELECTRICAL		10/13/06	PIPING		10/12/06
ENVIRON.	—	—	PROCESS	RLH	10/12/06
GEN. ARRANG.		10/12/06	QA / QC		10-12-06
HVAC		10/12/06	STRUCTURAL		10-12-06
I & C		10-12-06	REMOTE HDL.	—	
			SYS. ENG.		10-12-06

DRAWING STATUS				
ISSUED	REV	DATE	LDE	PEM
PRELIMINARY	H	09/22/06	RLH	NDA
APPROVED FOR CONSTRUCTION	0	10/12/06	RLH	

NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED & DATED. DESTROY ALL PRINTS BEARING EARLIER DATE &/OR REV.NO.

REGISTERED PROFESSIONAL ENGINEER THOMAS WILLIAM NELSON STATE OF IDAHO 10/13/06

SIZE	FOR DRAWING INDEX SEE DRAWING NO.
E	200-1696-24-923-623756

SCALE: NONE	AUR REV. 10/06/06	PROJECT NO. 28339	
DRAWN: GC	DATE 08/31/06	WBS: P.1.04.03.06	
DESIGNED: nnl	DATE 10/10/06	SYSTEM:	QUALITY LEVEL: 4
CHECKED: sk	DATE 10/12/06	DRAWING NUMBER 632822	REV 0
VERIFIED:	DATE 10/12/06		
APPROVED:	DATE		
CAD FILE NAME: 632822.pid		INDEX CODE NUMBER: AREA 200, TYPE 1696, SEQ. 24, CONTD. 923	SHEET P-73

$WG1$DESIGN_FILE_PATH_AND_NAME_EXTENSION$