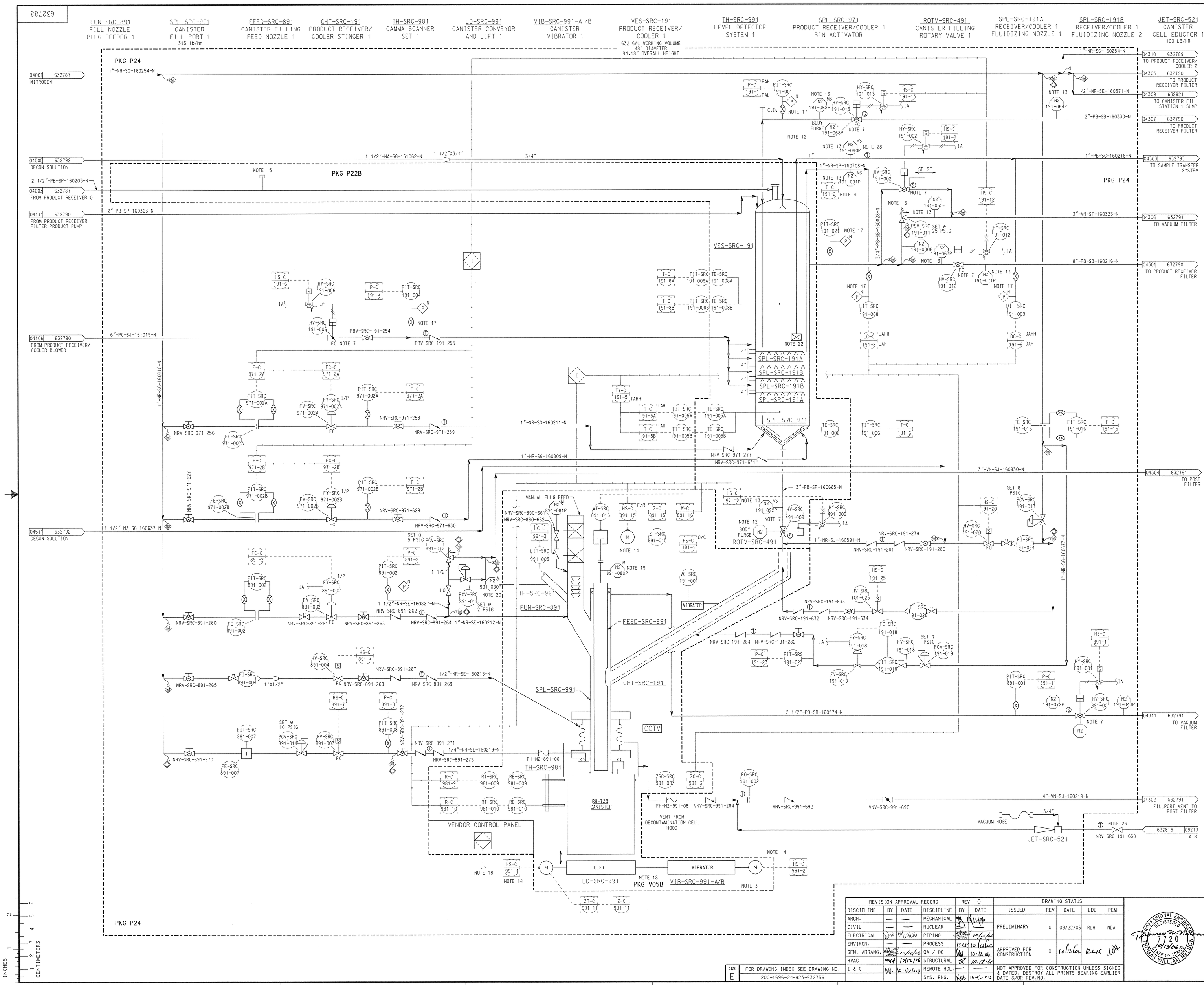
632788



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

NOTES

1. DELETED.
2. SAM-SRC-670-B IS A SOLID SAMPLING SYSTEM FOR DRAWING A SAMPLE OF THE PROCESS SOLID PRODUCT.
3. DENOTES CANISTER CART WITH LIFT, VIBRATOR AND ROTATOR. SKID V-05B.
4. DENOTES PRODUCT RECEIVER/COOLER AND PRODUCT RECEIVER FILTER. SKID P-22B.
5. DENOTES VALVES & INSTRUMENTS ON NON-RAD VALVE/INSTRUMENT RACK. SKID P-24
6. SOLENOID VALVES AND I/P ARE LOCATED OUTSIDE SHIELDED AREA WITH PNEUMATIC TUBING INTO CELL.
7. DENOTES VALVES HAVING POSITION SWITCHES SHOWN (632758). (S) DENOTES SPECIALTY VALVE.
8. DURING DECONTAMINATION OF FILL PORT, DECON FLUID WILL BE DRAINED INTO A SPECIAL CANISTER. THE SPECIAL CANISTER WILL INCLUDE A JET TO EMPTY THE CANISTER INTO THE DECON FLUID SUMP SYSTEM FOR THE CONTAINMENT CELL.
9. PIPING IS SHIELDED BETWEEN 4-PACK AND CANISTER FILLING AREA.
10. AUXILIARY SOLIDS REMOVAL PIPE IN EVENT BOTTOM SOLIDS VALVE FAILS.
11. LIQUID-TIGHT BALL VALVE TO BE CLOSED ONLY WHEN LIQUID IS TO BE ADMITTED INTO TANK.
12. (N2 NNN) SEE DETAILS ON DWG 632758.
13. (N2) SEE DETAILS ON DWG. 632758.
14. SEE TYPICAL MOTOR DETAIL ON DWG. 632758.
15. STUBOUT FOR CALCINE TRANSFER FROM BIN SETS.
16. SEE TYPICAL PRESSURE RELIEF VALVE ON DWG. 632758.
17. (P N) SEE DETAILS ON DWG 632758.
18. FINAL CANISTER FILLING TAGS & DCS INTERFACE TO BE DETERMINED AFTER TESTING AND VENDOR SELECTION. (APPLIES TO PKG V05 & PART OF P241. PLC TO DCS HARDWIRED SIGNALS TBD.
19. PRESSURE FILLING TUBE DRIVE SYSTEM.
20. PRESSURE FILLING PLUM REEL ENCLOSURE.
21. CHANGED VALVE TAGS IN ACCORDANCE WITH MCP-3785.
22. 3/16" CUSTOM SCREEN.
23. LOCATE BY WINDOW.
24. INSIDE SAMPLE CELL.
25. CHANGED INSTRUMENT AND VALVE TAG NUMBERS PER MCP-3785 AND EQUIPMENT TAG NUMBERS PER DCN-IWTU-115.
26. DELETED.
27. DELETED.
28. LOCATE AS CLOSE TO VESSEL AS PRACTICAL FOR DILUTION AIR.

SAFETY SIGNIFICANT ITEMS:
NONE

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REFERENCE DRAWINGS

DRAWING NO.	DRAWING TITLE

IDAHO CLEANUP PROJECT INTEGRATED WASTE TREATMENT UNIT

PIPING & INSTRUMENT DIAGRAM PRODUCT RECEIVER AND CANISTER FILLING -SHEET 2

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

THOR Treatment Technologies

REVISION APPROVAL RECORD				REV 0	
DISCIPLINE	BY	DATE	DISCIPLINE	BY	DATE
ARCH.	—	—	MECHANICAL		10/12/06
CIVIL	—	—	NUCLEAR		
ELECTRICAL		10/12/06	PIPING		10/12/06
ENVIRON.	—	—	PROCESS		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	G	09/22/06	RLH	NDA
APPROVED FOR CONSTRUCTION	0	10/13/06	RLH	

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

PROFESSIONAL ENGINEER REGISTERED 7720 10/13/06 STATE OF IDAHO THOMAS WILLIAM NELSON

SCALE: NONE	PLOT DATE 10/10/06	PROJECT NO. 28276	
DRAWN: DRW	DATE 07/06 /20	WBS: P.1.04.03.04	
DESIGNED: JRC	DATE 10/12/06	SYSTEM:	QUALITY LEVEL: 3
CHECKED: SA	DATE 10/12/06	DRAWING NUMBER 632788	REV 0
VERIFIED:	DATE 10/12/06		
APPROVED:	DATE		
CAD FILE NAME: 632788.pid		INDEX CODE NUMBER: AREA 200, TYPE 1696, CL 24, DRTG 923	SHEET P-39

SIZE	FOR DRAWING INDEX SEE DRAWING NO.
E	200-1696-24-923-632756

WGIDESIGN_FILE_PATH_AND_NAME_EXTENSION$
WGIPLOT_DATE_AND_TIME$