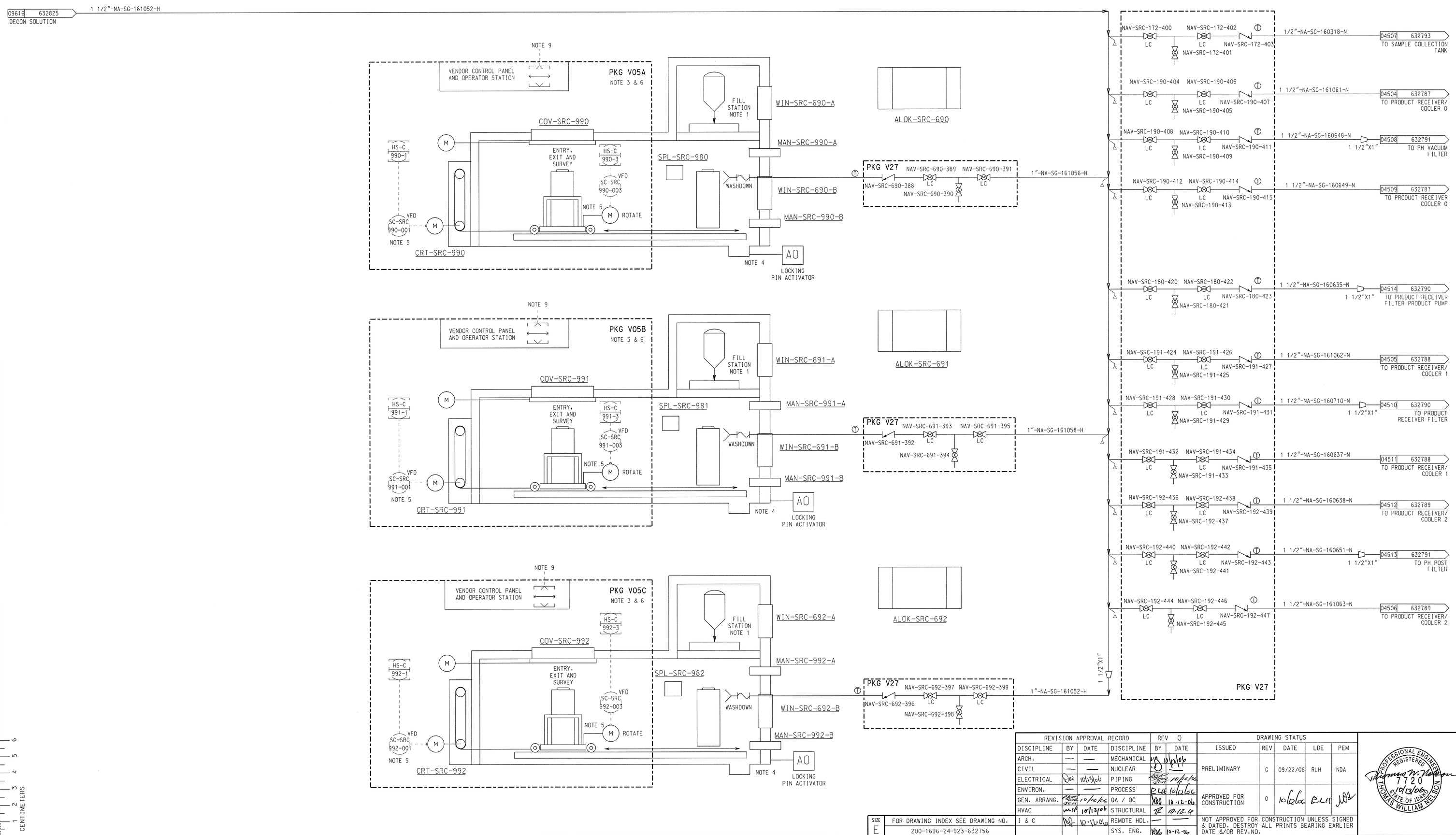
632792

SLD-SRC-985 TRANSFER BELL SHIELD HOUSING	CRT-SRC-990/991/992 CANISTER FILL STATION CARTS NOTE 3	CRN-SRC-985 TRANSFER BELL CRANE	WIN-SRC-690-A CANISTER CELL SHIELD WINDOW UPPER 0	WIN-SRC-690-B CANISTER CELL SHIELD WINDOW LOWER 0	WIN-SRC-691-A CANISTER CELL SHIELD WINDOW UPPER 1	WIN-SRC-691-B CANISTER CELL SHIELD WINDOW LOWER 1	WIN-SRC-692-A CANISTER CELL SHIELD WINDOW UPPER 2	WIN-SRC-692-B CANISTER CELL SHIELD WINDOW LOWER 2	SPL-SRC-980/981/982 PINTLE PLUG REMOVAL SYSTEM 0/1/2	COV-SRC-990/991/992 SLIDING CLOSURE CELL TOP 0/1/2	ALOK-SRC-690/691/692 DOUBLE DOOR CELL PASS THROUGH 0/1/2	MAN-SRC-990-A CANISTER FILL UPPER SWIPE MANIPULATOR 0	MAN-SRC-990-B CANISTER FILL LOWER SWIPE MANIPULATOR 0	MAN-SRC-991-A CANISTER FILL UPPER SWIPE MANIPULATOR 1	MAN-SRC-991-B CANISTER FILL LOWER SWIPE MANIPULATOR 1	MAN-SRC-992-A CANISTER FILL UPPER SWIPE MANIPULATOR 2	MAN-SRC-992-B CANISTER FILL LOWER SWIPE MANIPULATOR 2



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

NOTES

1. P&ID'S FOR FILL STATIONS ARE SHOWN ON 632787, 632788, 632789.
2. CANISTER SHIELD BELL AND ASSOCIATED HOISTS ARE VENDOR PACKAGE V06.
3. THE CANISTER FILL STATION CARTS AND ASSOCIATED LIFTS, VIBRATORS AND ROTATORS ARE SK10S V-5A, V-5B AND V-5C FOR EACH OF THE THREE CANISTER FILLING CELLS. SEE ALSO P&ID'S 632787, 632788, 632789.
4. FOR CANISTER FILLING AREA SUMPS. SEE P&ID 632821.
5. DENOTES VARIABLE SPEED DRIVES (VSD) HAVING TAGS AS SHOWN IN DWG. 632758.
6. FINAL VENDOR P&ID TAGS AND DCS INTERFACES ARE TBD AFTER VENDOR IS SELECTED.
7. SAMPLE AND ANALYSIS OF CANISTER EXTERIOR SWIPE TO BE CONDUCTED PRIOR TO TRANSFER TO VAULT STORAGE.
8. CHANGED INSTRUMENT AND VALVE TAG NUMBERS PER MCP-3785 AND EQUIPMENT TAG NUMBERS PER DCN-IWTU-115.
9. DCS INTERFACE TO CANISTER PLC CONTROL SYSTEM TO BE DETERMINED AFTER TESTING AND VENDOR SELECTION. CANISTER PLC TO CAPTURE CANISTER TARE AND FULL WEIGHT, BARCODE, PLUMB BOB, FULL VALVE, ETC.

SAFETY SIGNIFICANT ITEMS:

1. SLD-SRC-985, CANISTER SHELD BELL
2. WIN-SRC-690A, -690B, -691A, -691B, -692A, -692B
3. ALOK-SRC-690, -691, -692
4. COV-SRC-990, -991, -992

REFERENCE DRAWINGS

DRAWING NO.	DRAWING TITLE

IDAHO CLEANUP PROJECT
INTEGRATED WASTE TREATMENT UNIT

PIPING & INSTRUMENT DIAGRAM CANISTER HANDLING

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

REVISION APPROVAL RECORD					
DISCIPLINE	BY	DATE	DISCIPLINE	BY	DATE
ARCH.	—	—	MECHANICAL		
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	10/12/06	RLH	

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

PROFESSIONAL ENGINEER REGISTERED 7720 STATE OF IDAHO THOMAS WILLIAM NELSON 10/12/06

THOR Treatment Technologies

SCALE: NONE		PROJECT NO. 28276	
DRAWN: ORW	DATE 08/24/06	WBS#: P.1.04.03.04	
DESIGNED:	DATE 10/12/06	SYSTEM:	QUALITY LEVEL: 2
CHECKED:	DATE 10/12/06	DRAWING NUMBER 632792	REV 0
VERIFIED:	DATE 10/12/06		
APPROVED:	DATE		
CAD FILE NAME: 632792.pid		INDEX CODE NUMBER: AREA 200, TYPE 1696, CL 24, DRTC 923	SHEET P-43

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

WGIDESIGN_FILE_PATH_AND_NAME_EXTENSION$
WGIPLOT_DATE_AND_TIME$