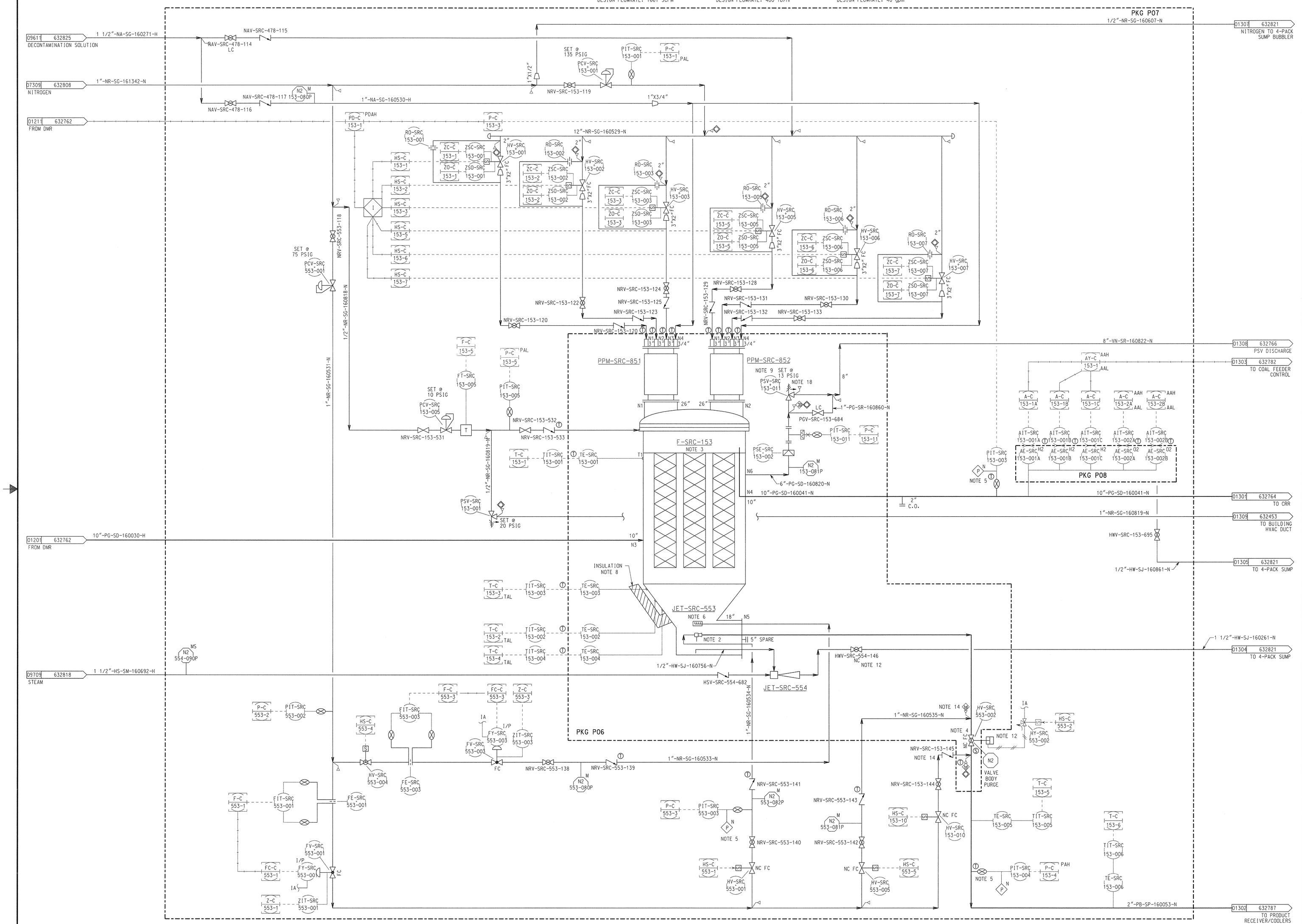
632763



REV	DATE	DESCRIPTION	BY/CHK'D
0	10/12/06	ISSUED FOR DESIGN FREEZE	

NOTES

1. PROCESS GAS FILTERS TO BE INSULATED TBD" ON SIDES AND TBD" ON BOTTOM CONE.
2. THE PROCESS GAS FILTER SOLIDS TRANSFER EDUCTOR CAN BE REMOTELY REMOVED BY UNBOLTING THE FLANGE ON THE CORRESPONDING FILTER HOUSING.
3. DENOTES REMOTELY REMOVABLE (FILTER ELEMENTS ONLY).
4. DENOTES VALVES HAVING POSITION SWITCHES SHOWN IN "TYPICAL POSITION SWITCH" SKETCH. SEE 632758.
5. (P N) SEE DETAILS ON 632758.
6. FLUIDIZATION MEMBRANE (REMOVABLE).
7. (N2) SEE DETAILS ON 632758.
8. VESSEL WALLS TO BE INSULATED.
9. SEE TYPICAL RELIEF VALVE ON DWG. 632758.
10. DELETED.
11. CHANGED INSTRUMENT AND VALVE TAG NUMBERS PER MCP-3785 AND EQUIPMENT TAG NUMBERS PER DCN-IWTU-115.
12. HANDLE OR ACTUATOR PENETRATES CELL WALL.
13. RELIEF VALVE OPEN POSITION SWITCH ACTIVATES RSS.
14. PURGE CONNECTION LOCATED AT BLOCK FITTING.

SAFETY SIGNIFICANT ITEMS:
NONE

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REFERENCE DRAWINGS

DRAWING NO.	DRAWING TITLE

IDAHO CLEANUP PROJECT INTEGRATED WASTE TREATMENT UNIT

PIPING & INSTRUMENT DIAGRAM PROCESS GAS FILTERS

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		10/12/06
CIVIL	—	—	NUCLEAR		
ELECTRICAL		10/13/06	PIPING		10/12/06
ENVIRON.	—	—	PROCESS	RLK	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	RLK	

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 10/13/06

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

Thor Treatment Technologies

SCALE: NONE	PLOT DATE 10/11/06	PROJECT NO. 28276	
DRAWN: CRW	DATE 09/04/06		
DESIGNED:	DATE 10/12/06	WBS: P.1.04.03.02	
CHECKED:	DATE 10/12/06	SYSTEM:	QUALITY LEVEL: 4
VERIFIED:	DATE 10/12/06	DRAWING NUMBER 632763	REV 0
APPROVED:	DATE		
CAD FILE NAME: 632763.pid		INDEX-CODE NUMBER: AREA 200, TYPE 1696, CL 24, CONTD 923	SHEET P-14

WGIDESIGN_FILE_PATH_AND_NAME_EXTENSION$
WGIPLOT_DATE_AND_TIME$