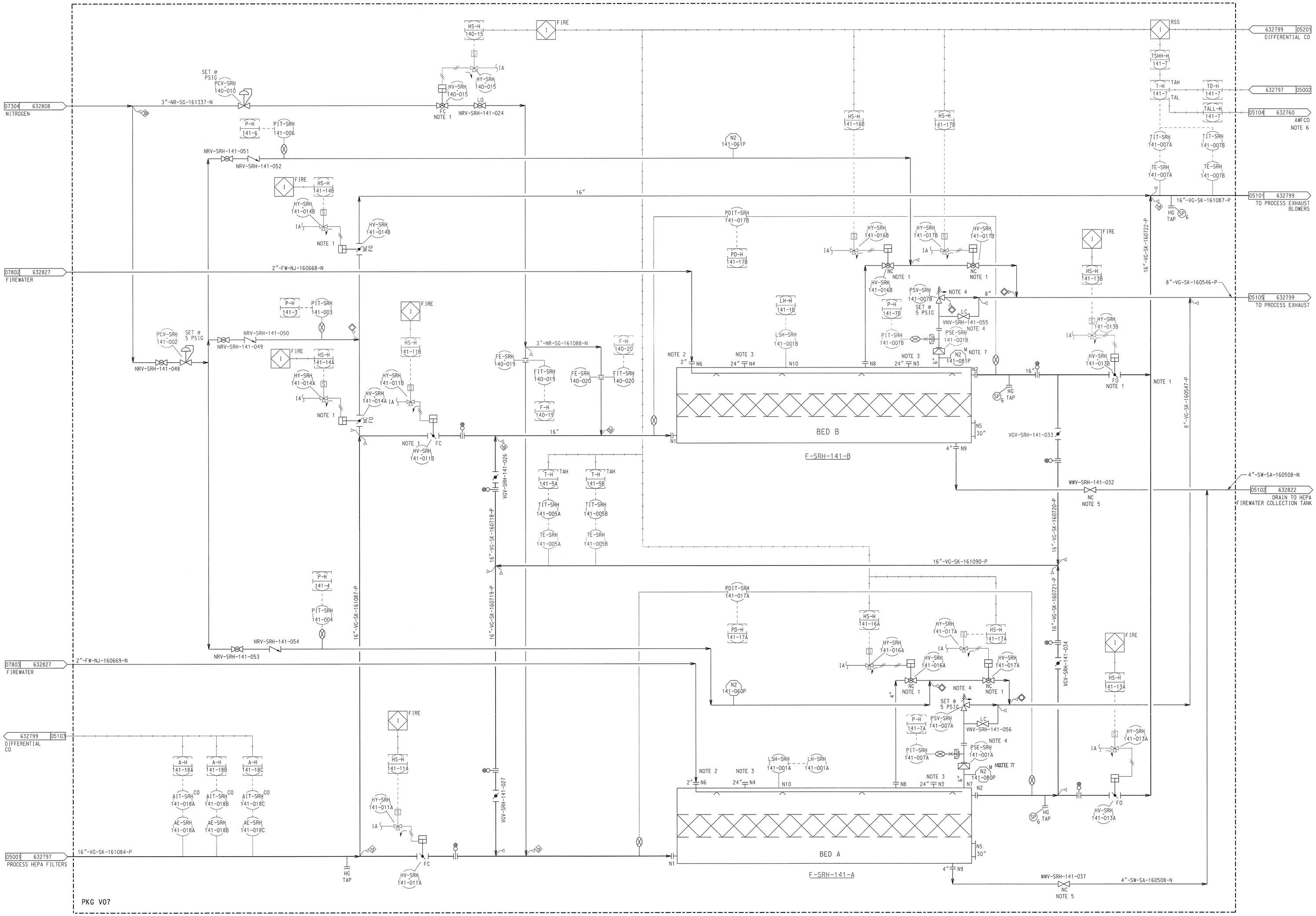
632798



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

NOTES

1. DENOTES VALVES HAVING POSITION SWITCHES AS SHOWN ON DWG. 632758.
2. DELETED
3. FILL PORTS (TYP.4 TOTAL).
4. SEE TYPICAL PRESSURE RELIEF VALVE AND RUPTURE DISK ELEMENT ON DWG. 632758.
5. AIR TIGHT SHUT-OFF VALVES NEEDED FOR MERCURY ADSORBERS DRAIN LINES TO ENSURE NO OFF-GAS DISCHARGES OUT LINE.
6. CONNECTION TO DWG 632760 AWFCO IS NOT SHOWN TO IMPROVE CLARITY. THE LOGIC WILL BE DESCRIBED IN THE LOGIC DEFINITION DOCUMENT.
7. N2 SEE DETAILS ON DWG. 632758.
8. CHANGED INSTRUMENT AND VALVE TAG NUMBERS PER MCP-3785 AND EQUIPMENT TAG NUMBERS PER DCN-IWTU-115.

SAFETY SIGNIFICANT ITEMS:

1. ALL PIPING AND EQUIPMENT ON:
   A. 16"-VN-SK-161084-P
   B. 16"-VN-SK-160719-P
   C. 16"-VN-SK-160718-P
   D. 16"-VN-SK-161087-P UPSTREAM OF HV-SRH-141-014A.
   E. 2"-FW-NJ-160668-N/-160669-N
   F. FEED LINE TO F-SRH-141-B
2. F-SRH-141-A/-B
3. WWV-SRH-141-032/-037 AND UPSTREAM PIPING.
4. PSE-SRH-141-007A/-007B AND UPSTREAM PIPING.
5. LSH-SRH-141-001A/-001B.
6. PDIT-SRH-41-017A/-017B
7. HV-SRH-141-016A/B INCLUDING LINE FROM GAC BED.

REFERENCE DRAWINGS

DRAWING NO.	DRAWING TITLE

IDAHO CLEANUP PROJECT
INTEGRATED WASTE TREATMENT UNIT

PIPING & INSTRUMENT DIAGRAM MERCURY ADSORBERS

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	[illegible]	10/10/06
CIVIL	—	—	NUCLEAR	[illegible]	
ELECTRICAL	[illegible]	10/13/06	PIPING	[illegible]	10/12/06
ENVIRON.	—	—	PROCESS	RCH	10/12/06
GEN. ARRANG.	[illegible]	10/12/06	QA / QC	[illegible]	10-12-06
HVAC	[illegible]	10/12/06	STRUCTURAL	[illegible]	10-12-06
I & C	[illegible]	10-12-06	REMOTE HDL.	—	—
			SYS. ENG.	[illegible]	10-12-06

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

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

SCALE: NONE	PLOT DATE 10/05/06	PROJECT NO. 28276	
DRAWN: ORW	DATE 05/05/05	WBS: P.1.04.03.05	
DESIGNED: [illegible]	DATE 10/12/06	SYSTEM:	QUALITY LEVEL: 2
CHECKED: [illegible]	DATE 10/12/06	DRAWING NUMBER 632798	REV 0
VERIFIED: [illegible]	DATE 10/12/06		
APPROVED:	DATE		
CAD FILE NAME: 632798.pid		INDEX CODE NUMBER: AREA 200, TYPE 1696, CC 24, ORIG 923	SHEET P-49

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

WGIDESIGN_FILE_PATH_AND_NAME_EXTENSION$
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