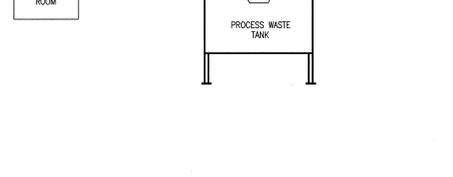
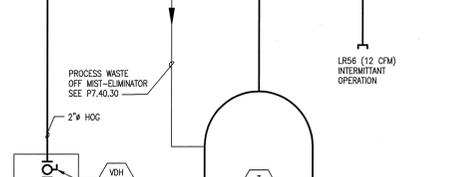
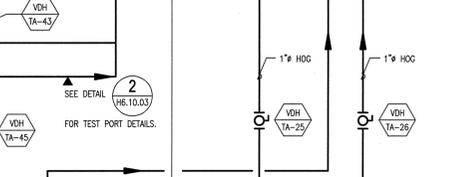
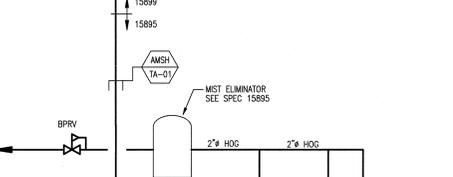
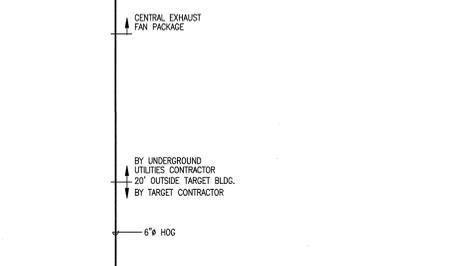
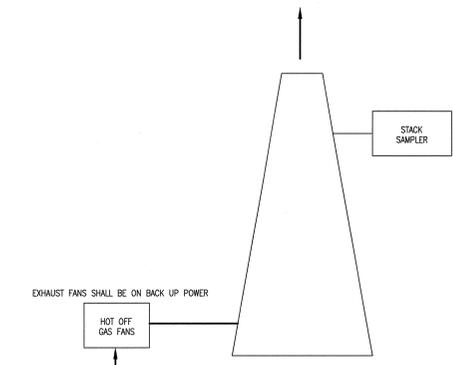
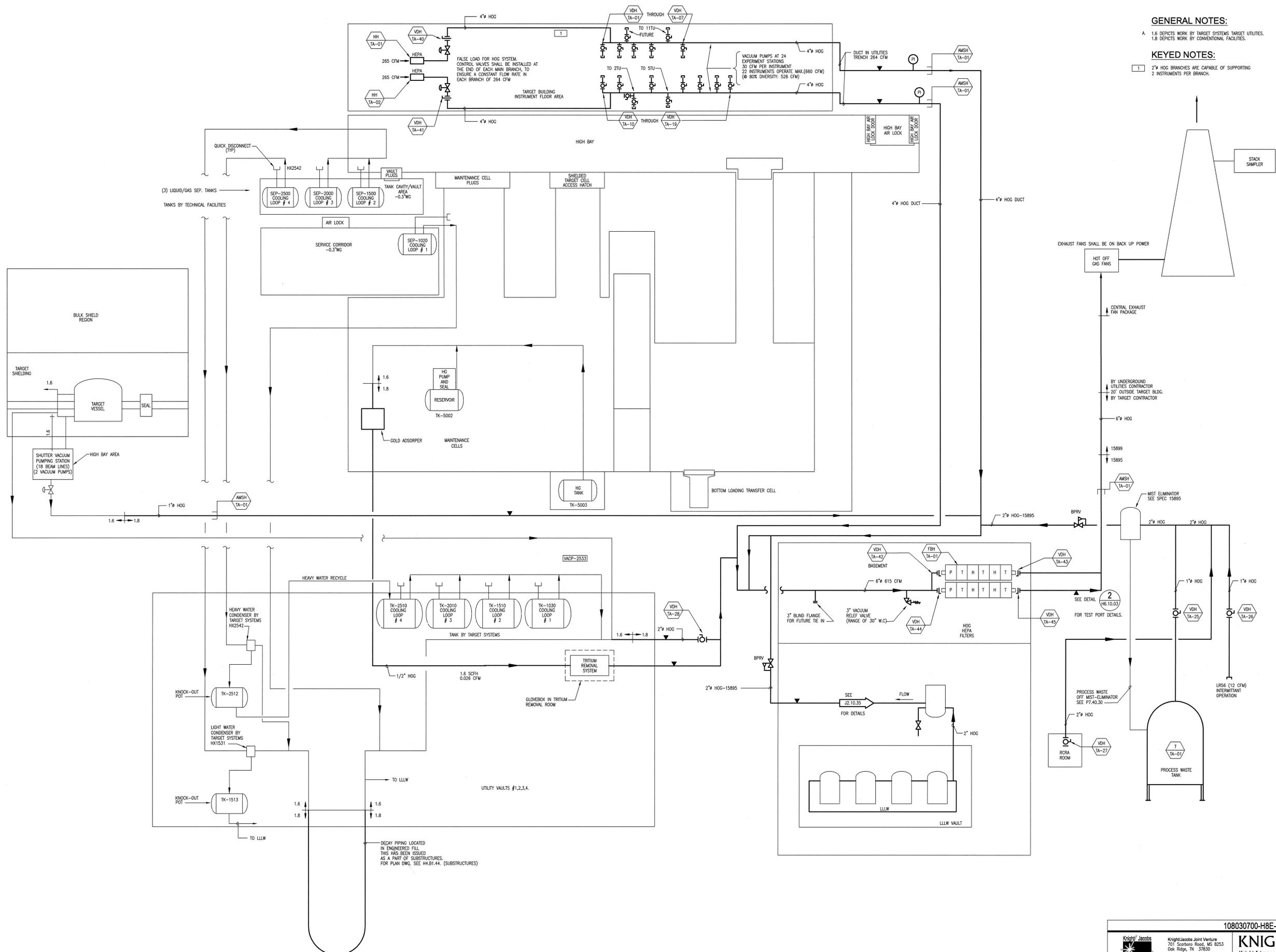


GENERAL NOTES:
1.6 DEPICTS WORK BY TARGET SYSTEMS TARGET UTILITIES.
1.8 DEPICTS WORK BY CONVENTIONAL FACILITIES.
KEYED NOTES:
1 2" HOG BRANCHES ARE CAPABLE OF SUPPORTING 2 INSTRUMENTS PER BRANCH.



FALSE LOAD FOR HOG SYSTEM. CONTROL VALVES SHALL BE INSTALLED AT THE END OF EACH MAIN BRANCH TO ENSURE A CONSTANT FLOW RATE IN EACH BRANCH OF 284 CFM

VACUUM PUMPS AT 24 EXPERIMENT STATIONS 30 CFM PER INSTRUMENT MAX (660 CFM) @ 80% DENSITY: 528 CFM

HG PUMP AND SEAL RESERVOIR TK-5002

HG TANK TK-5003

TK-2510 COOLING LOOP # 4
TK-2010 COOLING LOOP # 3
TK-1510 COOLING LOOP # 2
TK-1030 COOLING LOOP # 1

6" 615 CFM
3" BLIND FLANGE FOR FUTURE TIE IN
3" VACUUM RELIEF VALVE (RANGE OF 30" W.C.)
HOG HEPA FILTERS

SEE 22.10.35 FOR DETAILS

DECAY PIPING LOCATED IN ENGINEERED FILL THIS HAS BEEN ISSUED AS A PART OF SUBSTRUCTURES. FOR PLAN DWG, SEE H4.81.44. (SUBSTRUCTURES)

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO USERS ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

THIS DOCUMENT CONTROLLED BY CHANGE CONTROL SYSTEM 3 ENGINEERING PROCEDURE SNS-ENG-0001

REV	DATE	DESCRIPTION	MMK	BNJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	
0		CERTIFIED FOR CONSTRUCTION - 10/26/01																					

Approval stamps and signatures. Includes a circular stamp for 'RPF' and 'UT-BATTELLE' with a signature over it. Text includes 'REV. DATE 10/26/01' and 'DRAWING APPROVALS'.

Project information block. Includes '108030700-H8E-8700-A061', 'KNIGHT Knight Advanced Technology', 'UT-BATTELLE', 'Oak Ridge National Laboratory', 'PROJECT NAME: SPALLATION NEUTRON SOURCE TARGET BUILDING HOG EXHAUST SYSTEM FLOW DIAGRAM', and a table with columns for 'PLANT', 'BLDG', 'FL', 'SH', 'OF', 'TYPE', 'CLASS'.