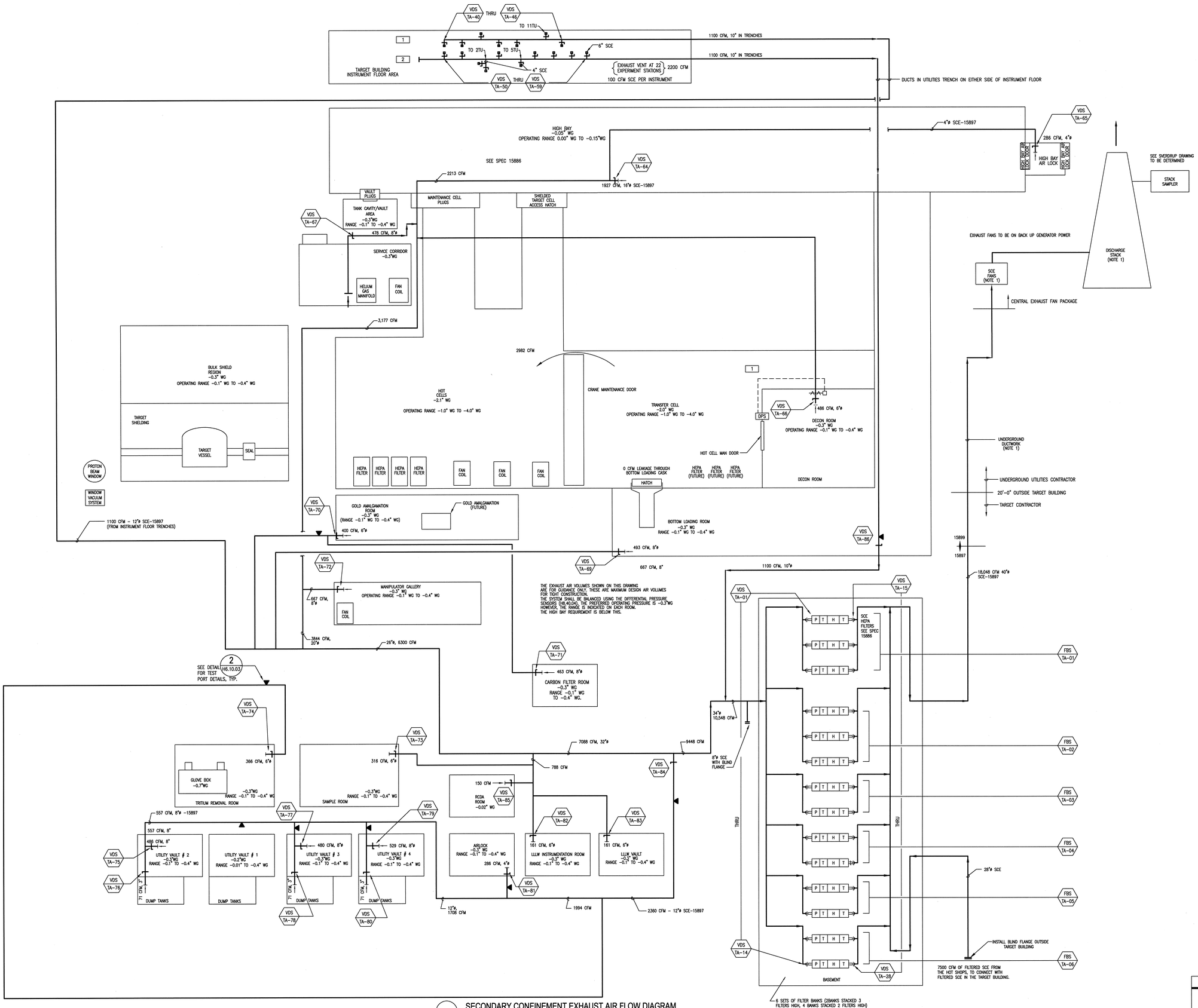

SECONDARY CONFINEMENT EXHAUST AIR FLOW DIAGRAM

SCALE: NOT TO SCALE

GENERAL NOTES:

1) UNDERGROUND DUCTWORK, FANS AND DISCHARGE STACK ARE INCLUDED AS PART OF THE SITE UTILITIES TASK.

SHEET NOTES:

1. SCE BRANCHES IN THE NORTH INSTRUMENT FLOOR TRENCH FEEDING DAMPERS VDS-TA-40, 41, 42, 43, 44, 46 SHALL BE 6"ø. THESE BRANCHES SHALL BE CAPABLE OF SUPPORTING 2 INSTRUMENTS PER BRANCH. DAMPER VDS-TA-45 SHALL BE 4" AND FEED 11TU.
2. SCE BRANCHES IN THE SOUTH INSTRUMENT FLOOR TRENCH FEEDING DAMPERS VDS-TA-50, 51, 53, 54, 55, 56, 57 SHALL BE 6"ø. THESE BRANCHES ARE CAPABLE OF SUPPORTING 2 INSTRUMENTS PER BRANCH. DAMPER VDS-TA-52 SHALL BE 4"ø AND SHALL FEED 2TU.

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 THAT 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 BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

NUMBER OF SECTION OR DETAIL — DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM 3

ENGINEERING PROCEDURE SNS-ENG-G001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT
0				CERTIFIED FOR CONSTRUCTION - 10/26/01	MMK	BWJ	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
	10/26/01	11/15/01	RAD	11/13/01			UTB	11/14/01	BWJ	105869	10/26/01

REVISION APPROVALS

REW	-	WRS	AK	WRS	BWJ	-	MP	-	ED
ST	CV	EC	EE	EM	IE	M	PD	SE	AR

SQUAD CHECK

RPE

SPECIFICATIONS BY BRUCE W. JOHNSON REGISTERED ENGINEER STATE OF TENNESSEE NO. 001070 COMPANY

REV.	DATE	
0	10/26/01	
UTB		11/14/01

DRAWING APPROVALS

DSN	M.KEHOE	10/26/01
DRW	J.STEIN	10/26/01
CHK	B.JOHNSON	10/26/01
DEPT		
PE	T.Warren	10/26/01
PJ	R.A.Dean	11/13/01
REQ		

108030700-H8E-8700-A083

Knight/Jacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
fax 865-241-3400

KNIGHT
Knight Advanced Technology
549 West Randolph Street
Chicago, IL 60661

UT-BATTELLE

Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC. ® Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING SCE FLOW DIAGRAM

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	H	X	X	8	8700		1	1	D	U

51	52	53	WBS	REV
NC	NA		1.8.3.7	H7.40.35	0

Date: 10/23/2001 Time: 19:48:50
Username: SJPE
KEEP_ALL;PRUNE(20,7000,10),CHOP(1MW,5K),NO_PLOT;V7-40-35.DWG

AutoCAD