GENERAL NOTES:

REFERANCE A3.20.30 FOR THE COLOR OF TRUSS LEVEL EQUIPMENT

KEYED NOTES:

1 SEE DWG. H2.03.41 FOR CONTINUATION OF 1-1/2" HWS&R PIPING INSTALL VALVES TO HC-TA-32 AND HC-TA-33 IN AN ACCESSIBLE LOCATION FROM THE EQUIPMENT PLATFORM.

P1000 CHANNEL INSTALLED ON TRUSS LEVEL BETWEEN STEEL BEAMS FOR DUCT DROPS (TYP.) SEE DETAIL 8, SHEET H6.10.14

60x14 SA DN FOR CONTIUATION SEE H2.03.41 (TYP. OF 4)

7 H6.10.14 (TYP.)

BOD EL. 138'-5"

60x40

60x60 DISCHARGE PLENUM

80x20 DN FOR CONTIUATION SEE H2.03.41

5 H6.10.14 (TYP.)

DUCT SUPPORTS (TYP.)

6 H6.10.14 (TYP.)

36x26 BOD EL. 144'-4"

12 H6.10.02

1 1-1/2" HWS&R

P1000 UNISTRUT INSTALLED ON TRUSS LEVEL BETWEEN STEEL BEAMS FOR DRAIN LINE (TYP.)

AFMS

AH TA-01 34454 CFM FAN

2" HWS&R

P1001 CHANNEL INSTALLED ON TRUSS LEVEL BETWEEN STEEL BEAMS FOR DUCT DROPS (TYP.) SEE DETAIL 9, SHEET H6.10.14

MUA TA-01 5500 CFM FAN

HUMIDIFIER (WITH FULL ECONOMIZER RECIRCULATION UNIT)

ACCESS

FINAL FILTER

PRE-FILTER

AFMS ON FRESH AIR INLET

SEE DETAIL 28 H6.10.02 FOR DOUBLE COIL WATER CONNECTIONS

SEE DETAIL 30 H6.10.02 FOR CHILLED WATER COIL CONNECTIONS

2 H6.10.14

B.O.P. EL. 148'-4"
3" CHWS
3" CHWR
2" HWR
2" HWS

SEE DETAIL 14 H6.10.02 FOR CHILLED WATER COIL CONNECTIONS

SEE DETAIL 12 H6.10.02 FOR HEATING WATER COIL CONNECTIONS

B.O.P. EL. 148'-4"
3" HWS
3" HWR
3" CHWR
3" CHWS

FOR CONTINUATION SEE H2.02.41

3/4" HWS&R

OA INTAKE PLENUM ABOVE, (TYP)

FOR DUCT SUPPORT SEE 3 H6.10.07

B.O.P. EL. 149'-0"
3" HWS
3" HWR
6" CHWR
6" CHWS

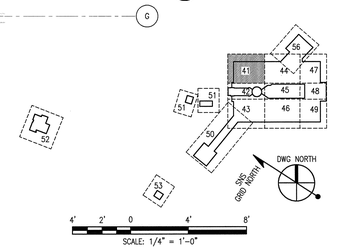
MIN. 10'-0"

48x36 TEE WITH TURNING VANES

36x24 MUA DUCT BOD 155'-9"

VD

HC



SCALE: 1/4" = 1'-0"

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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
HVAC FLOOR PLAN, TRUSS LEVEL
LEVEL 4, SECTOR 41

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	H	X	X	8	8700		1	1	P	U
51		52		53	WBS	H2.04.41			REV	
NC		NA			1.8.3.7				0	

DSN	M.KEHOE	11/13/01	
DRW	J.STEIN	11/13/01	
CHK	B.JOHNSON	11/13/01	
DEPT			
PE	[signature]	11/13/01	
PJ	[signature]	11/14/01	
REQ			
UTB	[signature]	11/14/01	

DRAWING APPROVALS

RPE

BRUCE W. JOHNSON
REGISTERED ENGINEER
AGRICULTURE
No. 090594
STATE OF TENNESSEE

0 REV. 11/13/01 DATE

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE CONTROL NUMBER	DESCRIPTION	DSN	CHK	DEPT
0				CERTIFIED FOR CONSTRUCTION – 11/13/01	MMK	BWJ	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
	11/13/01		11/14/01				11/14/01	BWJ		105869	11/13/01

REVISION APPROVALS

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

SQUAD CHECK

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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-0001

Date: 11/13/2001 Time: 131442
Username: DWM
K:\SNS_WSJ\Projects\TSD\Tech_Fac_Dept\Dwgs_Sal\H2_FLOT\U0-04-41.DWG

AutoCAD