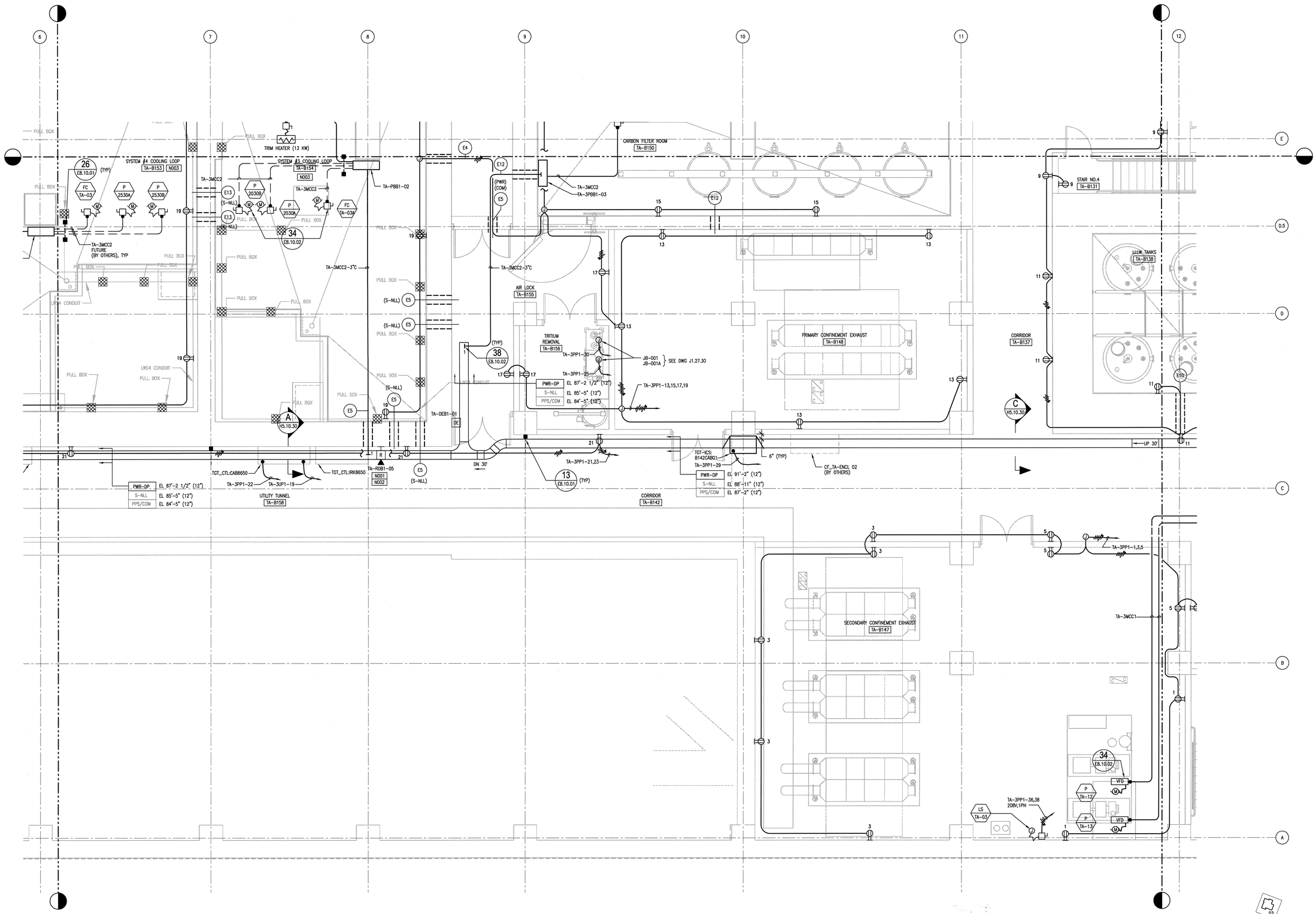


GENERAL NOTES:

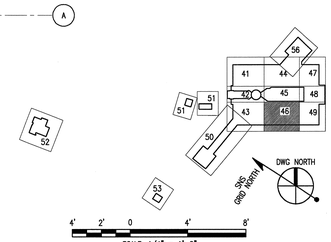
1. SEE DWG E8.10.30, E8.10.31, E8.10.32 & E8.10.33 FOR MCC SCHEDULES, E2.10.30, E2.10.31, E2.10.32 FOR SINGLE LINES DIAGRAM AND E9.21.30 THRU 37 FOR PANEL SCHEDULES.
2. CONDUIT ADJACENT OR CONDUIT TO CABLE TRAY #1, #2 OR #3, ETC.
   "X" – DENOTES CABLE TRAY LAYER
   #1 – TOP LAYER TRAY
   #2 – SECOND LAYER TRAY
   #3 – THIRD LAYER TRAY
3. ALL TRAYS ARE LADDER TYPE. PROVIDE VENTILATED TRAY COVER AT VERTICAL RISER TRAY.
4. SEE DWG H9.10.30 & H9.30.31 FOR HVAC SCHEDULES.
5. (TA-XX) SYMBOL DENOTES FEEDER TAG NO. SEE DWG E9.40.30 FOR FEEDER/CONDUIT SIZES.
6. (E-) SYMBOL DENOTES WALL AND FLOOR PENETRATION. REFER TO DWG E9.40.30 FOR PENERATION SEHEDULE.
7. SYMBOL DENOTES CONDUIT/CABLE TRAY SUPPORT FROM WALL/CEILING, REFER TO DETAILS 13, 14, 15 26, 35 & 43
   NOT ALL SUPPORTS ARE SHOWN. THIS DESIGNATION ONLY SHOWS THE CONCEPT TO BE USED BY THE CONTRACTOR TO DESIGN AND PROVIDE CABLE TRAY SUPPORTS.
8. ALL CONDUITS RUN IN THE CEILING AREA IN THE BASEMENT SHALL BE MINIMUM OF 8'–8" ABOVE THE FINISHED FLOOR.

SHEET KEYNOTES:

N001 FOR ALL PERSONNEL PROTECTION SYSTEM (PPS) EQUIPMENT PPS SIGNAL CABLING USED AS PART OF SAFETY SYSTEM MUST BE RUN SEPARATELY FROM NON–SAFETY CABLING. PPS SAFETY CABLING CAN RUN IN SHARED TRAY WITH DIVIDER (PPS/COM TRAY) AND SHORT RUN OF CONDUIT FROM EACH DETECTOR LOCATION BACK TO THE NEAREST "PPS TRAY". PPS SIGNAL CABLES AND THE CONDUIT DROPS WILL BE BY OTHERS.

N002 EACH PPS DEVICE WILL REQUIRE 120V UPS POWER FEED FROM UPS PANEL TA–3UP1. CABLING WILL BE RUN IN CONDUIT DROPS FROM (PWR–DP TRAY) TO NEARBY DEVICE LOCATIONS, BY OTHERS.

N003 ALL CONDUITS, CONDUIT FITTINGS AND PULL BOXES IN UTILITY VAULTS & SERVICE CORRIDOR–ROOMS TA–B102, TA–B103, TA–B152, TA–B153 & TA–B154–SHALL BE EPOXY COATED, GALVANIZED RIGID STEEL. ALL WIRING DEVICES (RECEPTACLES, SWITCHES, ETC.), SAFETY SWITCHES AND TELEPHONE/DATA OUTLETS SHALL BE ENCLOSED IN EPOXY COATED STEEL OR STAINLESS STEEL ENCLOSURES.



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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

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT
0				CERTIFIED FOR CONSTRUCTION – 10/26/01	HG	VGS	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
	11/14/01		11/14/01				11/14/01		VGS	00106009	10/26/01

REVISION APPROVALS

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

SQUAD CHECK

RPE: VICTOR G. STEFFEN, REGISTERED ENGINEER, 0210009, STATE OF TENNESSEE, 10-26-01

DSN	H GROVER	10/26/01
DRW	L MAKOVSKY	10/26/01
CHK	V.STEFFEN	10/26/01
DEPT		
PE		11/14/01
PJ		11/14/01
REQ		
UTB		11/14/01

REV. 0 DATE 10-26-01

DRAWING APPROVALS

108030700-E8E-8700-A075

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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
ELECTRICAL POWER PLAN
LEVEL B1, SECTOR 46

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

51	52	53	WBS		REV
NC	NA		1.8.3.7	E4.B1.46	0

Date: 11/13/2001 Time: 13:09:60
Filename: 108030700-E8E-8700-A075
H:\DFS_NT\PROJECTS\3000\100_CADD\108_SA\HG_PLOT\A-01-46.DWG

AutoCAD