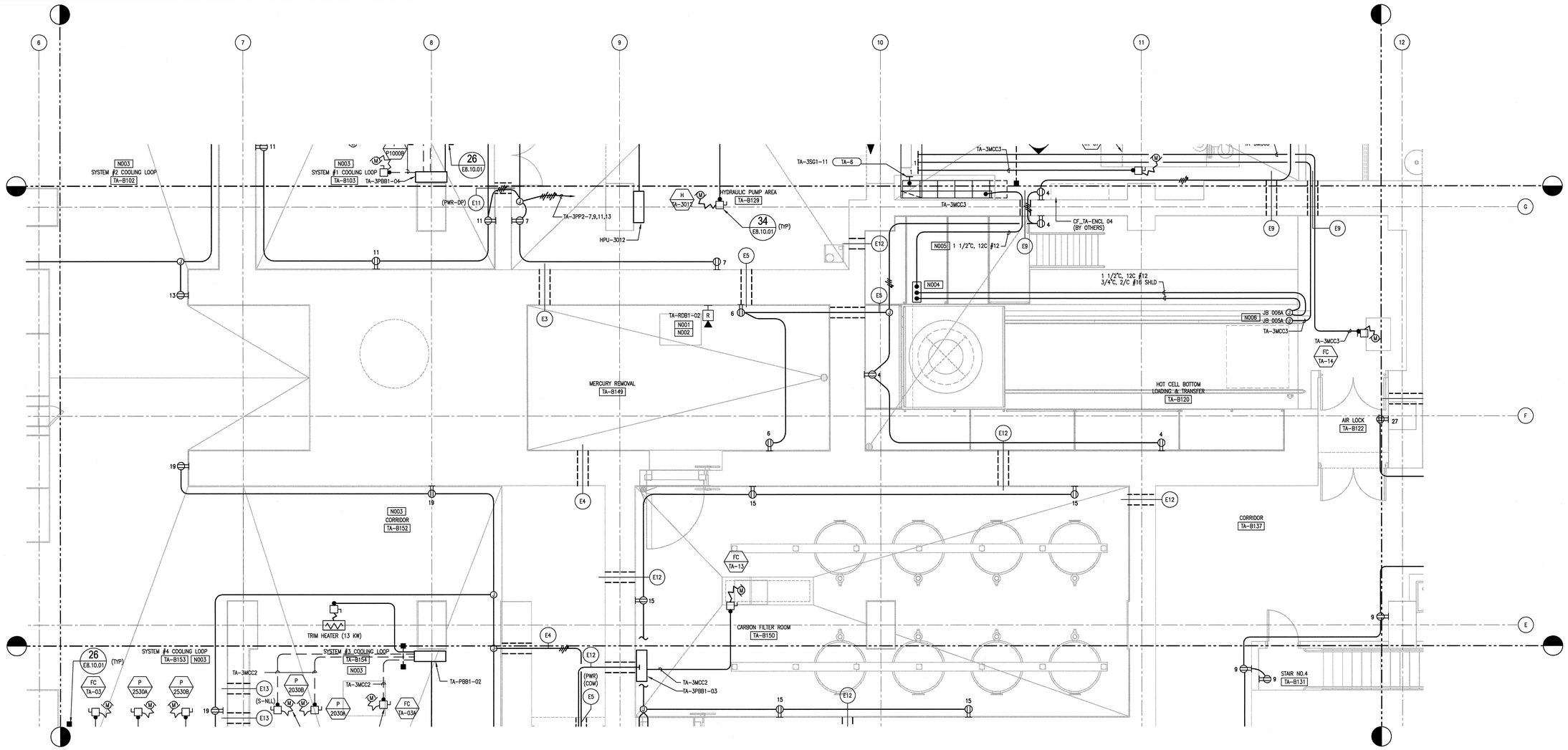


GENERAL NOTES:

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. X — 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'–6" 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.

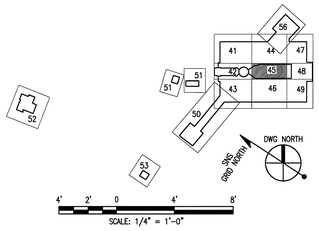
N002 EACH PPS DEVICE WILL REQUIRE 120V UPS POWER FEED FROM UPS PANEL TA-3UP1. CABLING WILL BE RUN IN CONDUIT DROPS FROM (PWR-DP TRAY) TO NEARBY DEVICE LOCATIONS, BY OTHERS.

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.

N004 BOTTOM LOADING CASK CART CONTROL PANEL BY 'MERICK'. SEE MERICK DWGS J1.28.35 & J4.B1.45 FOR DETAILS AND LOCATION.

N005 CONTROL WIRING FROM CASK CART DRIVE MOTOR STARTERS FOR FORWARD/REVERSE & RAISE/LOWER CONTROLS & INDICATION. SEE DWG J1.28.35 FOR DETAILS.

N006 JUNCTION BOXES JB 005A & JB 006A BY 'MERICK'. SEE DWGS J1.28.31 & J4.B1.45 FOR DETAILS AND LOCATION.



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PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING
ELECTRICAL POWER PLAN
LEVEL B1, SECTOR 45

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.B1.45			0

DSN	H GROVER	10/26/01
DRW	L. MAKOVSKY	10/26/01
DHK	V.STEFFEN	10/26/01
DEPT		
PE		11/13/01
PJ	RADean	11/14/01
REQ		
UTB		11/14/01

D REV. 11-13-01 DATE

REV	CHANGE TYPE	CHANGE REQUEST 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
	RAD 11/13/01		RAD 11/14/01					11/14/01	VGS	00106009	10/26/01

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

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