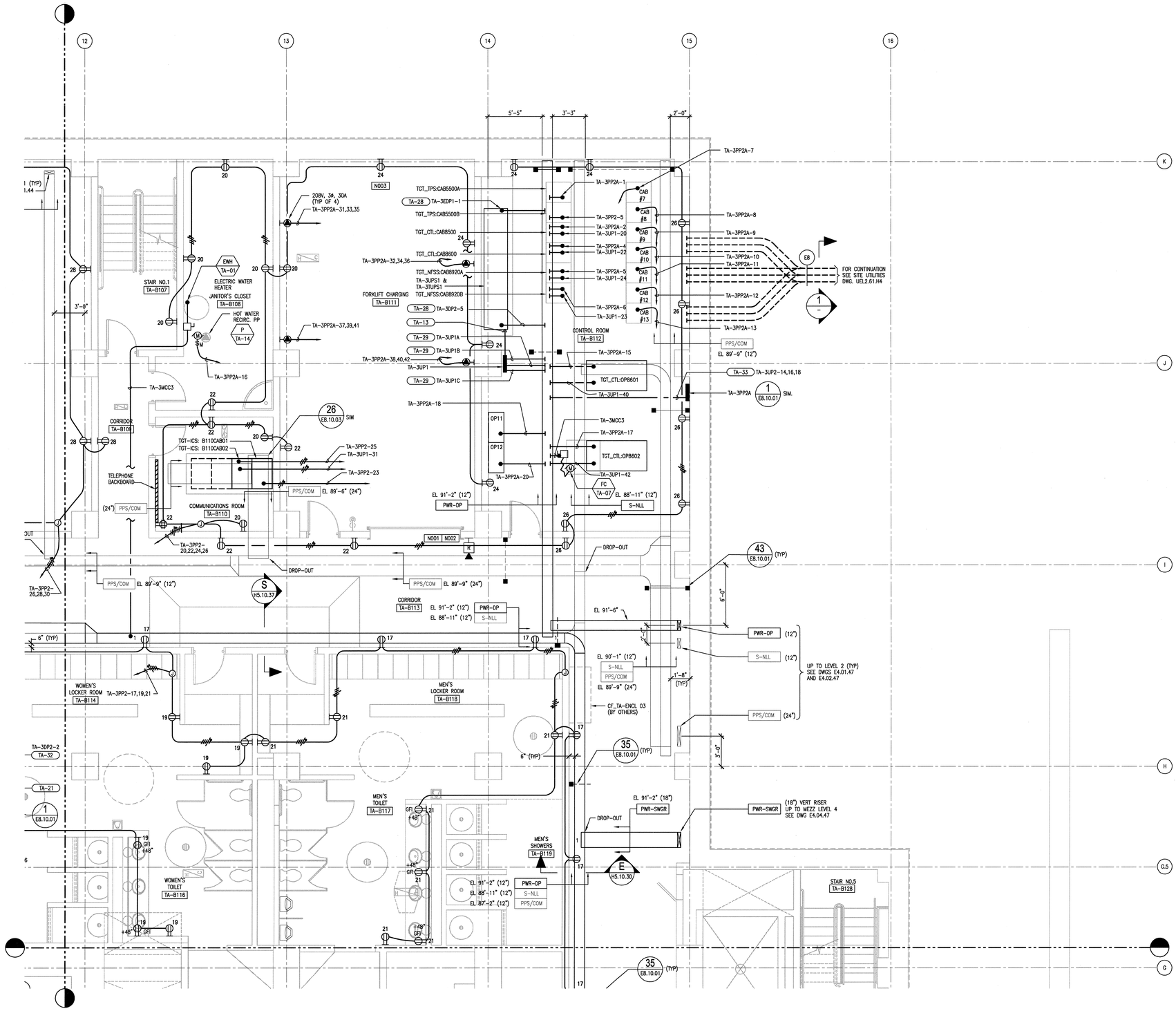


GENERAL NOTES:

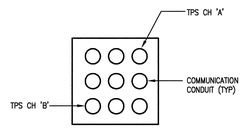
1. SEE DWG E8.10.30, E8.10.31, E8.10.32 & E8.10.33 FOR MCC SCHEDULES, E2.10.30, E2.10.31, E2.10.32 FOR SINGLE LINES DIAGRAM AND E9.21.30 THRU 37 FOR PANEL SCHEDULES.
2. X — CONDUIT ADJACENT OR CONDUIT TO CABLE TRAY #1, #2 OR #3, ETC.
   "X" – DENOTES CABLE TRAY LAYER
   #1 – TOP LAYER TRAY
   #2 – SECOND 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.

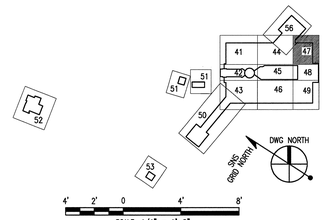
N002 EACH PPS DEVICE WILL REQUIRE 120V UPS POWER FEED FROM UPS PANEL TA-3UP1. CABLING WILL BE RUN IN CONDUIT DROPS FROM (PWR-DP TRAY) TO NEARBY DEVICE LOCATIONS, BY OTHERS.

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.



NOTE: REFER TO DWG UEL6.61.03 SITE UTILITIES.

1 ELEVATION
SCALE: NOT TO SCALE



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PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING
ELECTRICAL POWER PLAN
LEVEL B1, SECTOR 47

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.B1.47			0

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

RPE: VICTOR G. STEFFEN, REGISTERED PROFESSIONAL ENGINEER, STATE OF TENNESSEE, 00106009

0 REV. 11-13-01 DATE

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	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	HG	VGS			RLD	11/13/01	RAD	11/14/01				11/14/01	VGS	00106009	10/26/01	REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK — DRAWING APPROVALS

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SECTION AND DETAIL KEY

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CHANGE CONTROL SYSTEM 3
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