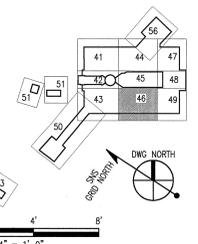
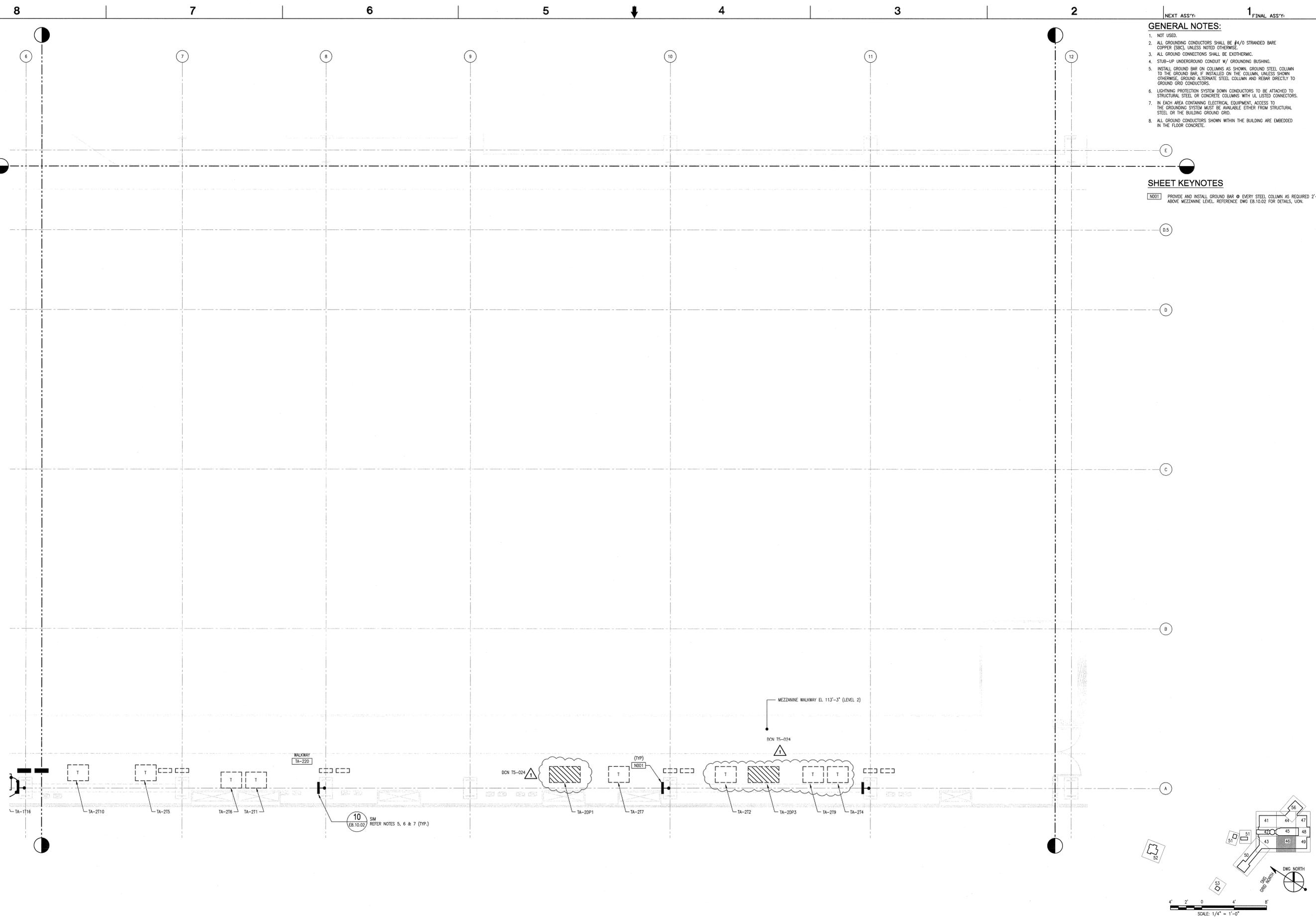


GENERAL NOTES:

1. NOT USED.
2. ALL GROUNDING CONDUCTORS SHALL BE #4/0 STRANDED BARE COPPER (SBC), UNLESS NOTED OTHERWISE.
3. ALL GROUND CONNECTIONS SHALL BE EXOTHERMIC.
4. STUB-UP UNDERGROUND CONDUIT W/ GROUNDING BUSHING.
5. INSTALL GROUND BAR ON COLUMNS AS SHOWN, GROUND STEEL COLUMN TO THE GROUND BAR, IF INSTALLED ON THE COLUMN, UNLESS SHOWN OTHERWISE, GROUND ALTERNATE STEEL COLUMN AND REBAR DIRECTLY TO GROUND GRID CONDUCTORS.
6. LIGHTNING PROTECTION SYSTEM DOWN CONDUCTORS TO BE ATTACHED TO STRUCTURAL STEEL OR CONCRETE COLUMNS WITH UL LISTED CONNECTORS.
7. IN EACH AREA CONTAINING ELECTRICAL EQUIPMENT ACCESS TO THE GROUNDING SYSTEM MUST BE AVAILABLE EITHER FROM STRUCTURAL STEEL OR THE BUILDING GROUND GRID.
8. ALL GROUND CONDUCTORS SHOWN WITHIN THE BUILDING ARE EMBEDDED IN THE FLOOR CONCRETE.

SHEET KEYNOTES

1001 PROVIDE AND INSTALL GROUND BAR @ EVERY STEEL COLUMN AS REQUIRED 2'-0" ABOVE MEZZANINE LEVEL. REFERENCE DWG EB.10.02 FOR DETAILS, UCON.



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UT-BATTELLE, LLC • Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING ELECTRICAL GROUNDING PLAN LEVEL 2, SECTOR 46

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8700	1	1	1	P	U
REV	DATE	BY	CHKD	APP'D	DESCRIPTION	DATE	REV	DATE	BY	CHKD
1	4-18-02	J.R. LAWSON			51	52	53	WBS	1.8.3.7	E7.02.46
NC	NA									

REVISIONS

NO.	DATE	BY	CHKD	APP'D	DESCRIPTION
1	4-18-02	J.R. LAWSON			51

REV	DATE	BY	CHKD	APP'D	DESCRIPTION
1	4-18-02	J.R. LAWSON			51

SECTION AND DETAIL KEY

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CHANGE CONTROL SYSTEM 3
ENGINEERING PROCEDURE SNS-ENG-0001

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