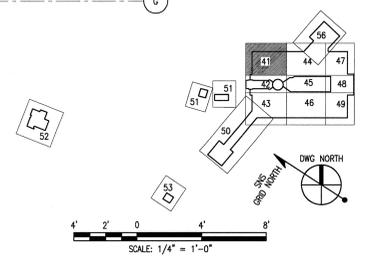
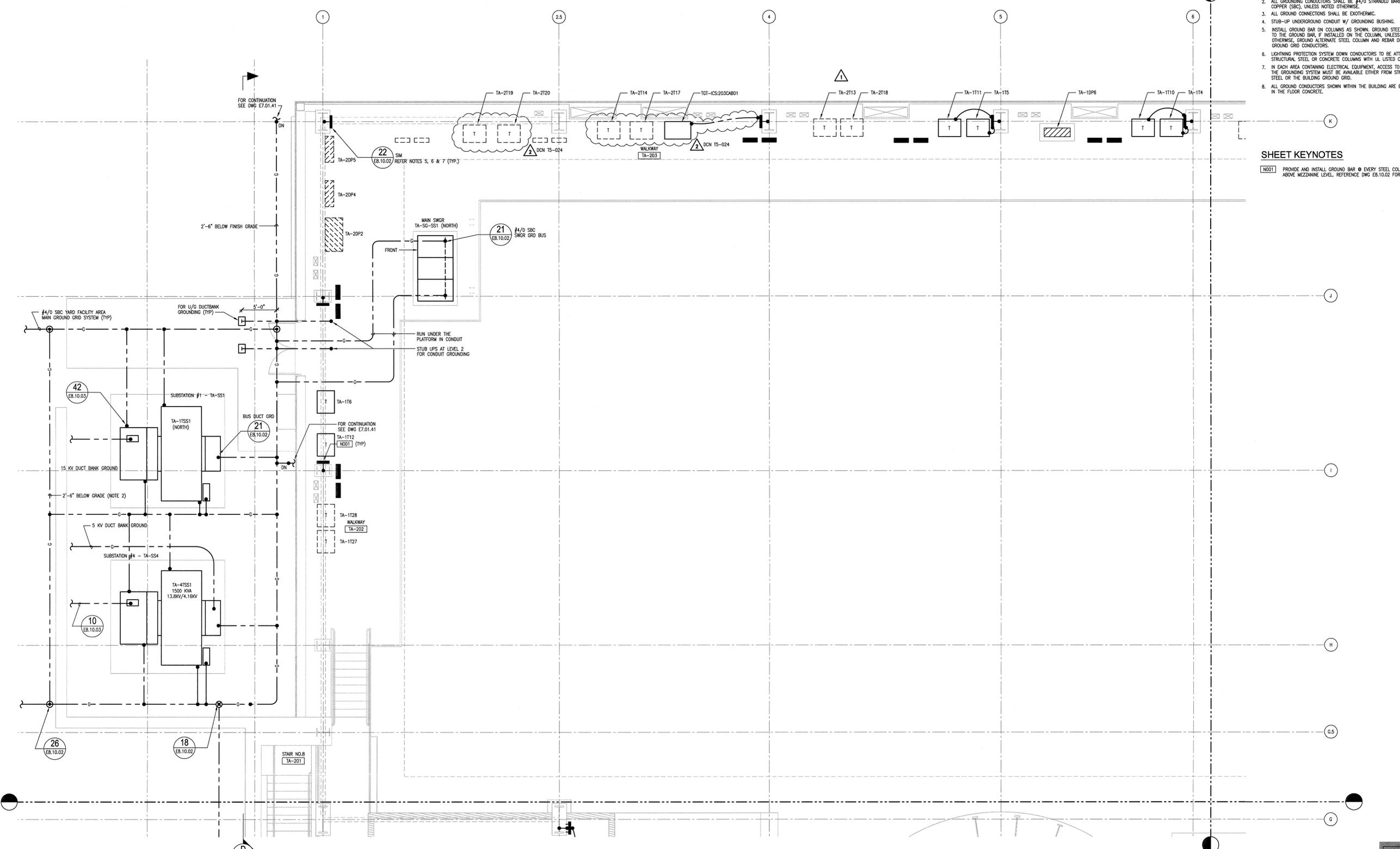


- GENERAL NOTES:**
- NOT USED.
  - ALL GROUNDING CONDUCTORS SHALL BE #4/0 STRANDED BARE COPPER (SBC), UNLESS NOTED OTHERWISE.
  - ALL GROUND CONNECTIONS SHALL BE EXOTHERMIC.
  - STUB-UP UNDERGROUND CONDUIT W/ GROUNDING BUSHING.
  - INSTALL GROUND BAR ON COLUMNS AS SHOWN. GROUND STEEL COLUMN TO THE GROUND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

**SHEET KEYNOTES**

[N001] PROVIDE AND INSTALL GROUND BAR @ EVERY STEEL COLUMN AS REQUIRED 2" ABOVE MEZZANINE LEVEL. REFERENCE DWG EB.10.02 FOR DETAILS, UCN.



108030700-E8E-8700-A153

**KNIGHT**  
Knight Advanced Technology

85-241-9433  
for 855-241-3400

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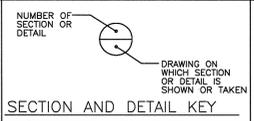
PROJECT NAME:  
**SPALLATION NEUTRON SOURCE**

**TARGET BUILDING ELECTRICAL GROUNDING PLAN LEVEL 2, SECTOR 41**

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	B	8700		1	1	P	U
51	52	53	WBS	1.8.3.7						
NC	NA									

E7.02.41

REV	DATE	BY	CHKD	DESCRIPTION	DSN	CHK	DEPT	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1	4/16/02	CLG	3/2/02	DCN TS - 024 - 4/16/02	HC	YES																			
2	3/14/02	CLG	3/14/02	DCN TS - 018 - 3/1/02	HC	YES																			
3	11/15/01	CLG	11/14/01	CERTIFIED FOR CONSTRUCTION - 10/26/01	HC	YES																			
4	11/14/01	JRL	11/14/01		JRL	YES																			



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CHANGE CONTROL SYSTEM 3

ENGINEERING PROCEDURE SNS-ENG-0001

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NO.	SECTION OR DETAIL	NUMBER OF SECTION OR DETAIL
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