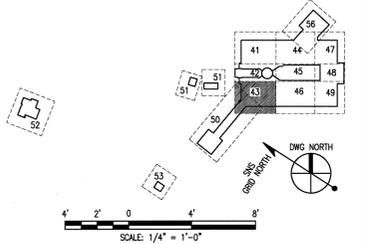
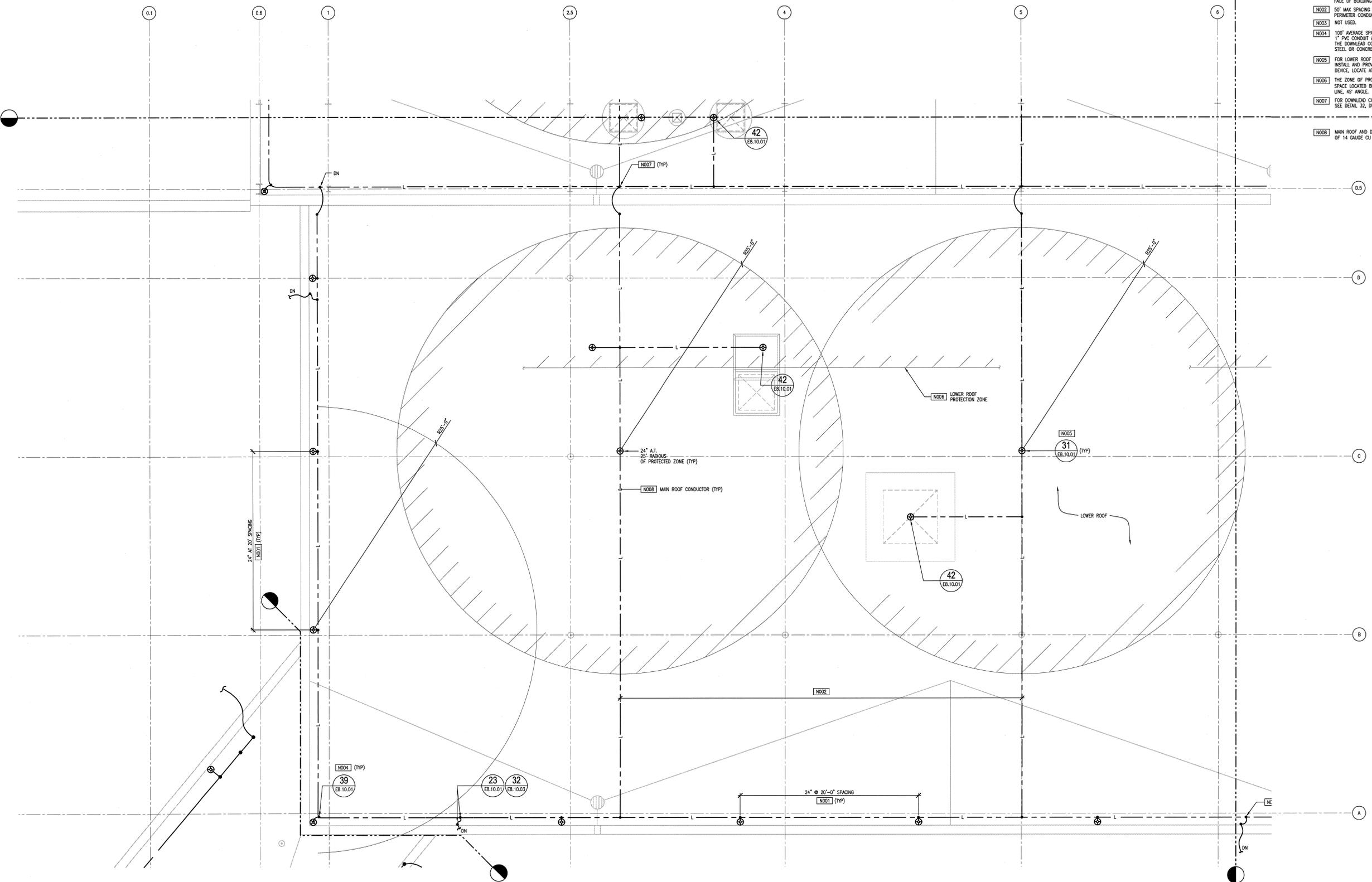


**SHEET KEYNOTES:**

- NO01** 20' MAX SPACING BETWEEN AIR TERMINALS ALONG PERIMETER CABLE & AIR TERMINALS MUST BE WITHIN 24" OF OUTSIDE FACE OF BUILDING.
- NO02** 50' MAX SPACING OF CROSS RUN CONDUCTOR TO MAIN PERIMETER CONDUCTOR.
- NO03** NOT USED.
- NO04** 100' AVERAGE SPACING BETWEEN DOWN CONDUCTORS, ROUTE IN 1" PVC CONDUIT & CONNECT TO MAIN GROUNDING GRID. THE DOWNLEAD CONDUCTOR SHALL BE ATTACHED TO STRUCTURAL STEEL OR CONCRETE COLUMNS WITH UL LISTED CONNECTIONS.
- NO05** FOR LOWER ROOF OR GENTLY SLOPING ROOF, INSTALL AND PROVIDE ADDITIONAL STRIKE TERMINATION DEVICE, LOCATE AT INTERVAL NOT TO EXCEED 50'.
- NO06** THE ZONE OF PROTECTION FOR A LOWER ROOF IS THE SPACE LOCATED BENEATH 150' RADIUS ARC WHICH IS 1/1 LINE, 45° ANGLE.
- NO07** FOR DOWNLEAD CONDUCTOR ROOF DECK PENETRATION SEE DETAIL 32, DWG EB-10.03.
- NO08** MAIN ROOF AND DOWNLEAD CONDUCTORS SHALL BE #28 STRANDS OF 14 GAUGE CU WIRE.



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PROJECT NAME: <b>SPALLATION NEUTRON SOURCE</b>	
TARGET BUILDING <b>ELECTRICAL LIGHTNING PLAN</b> ROOF, SECTOR 43	
1 48 49 50 PLANT	BLDG 8700
3 51 52 53	FL 1
NC NA	SH. 1
	OF 1
	TYPE P
	CLASS U
	REV 0
	E7.09.43

REV	DATE	DESCRIPTION	DESIGN	CHECK	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																								
1	10/26/01	REVISED PER COMMENTS																										

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CHANGE CONTROL SYSTEM 3

ENGINEERING PROCEDURE SNS-ENG-0001

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SECTION AND DETAIL KEY

AutoCAD

10/26/01

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