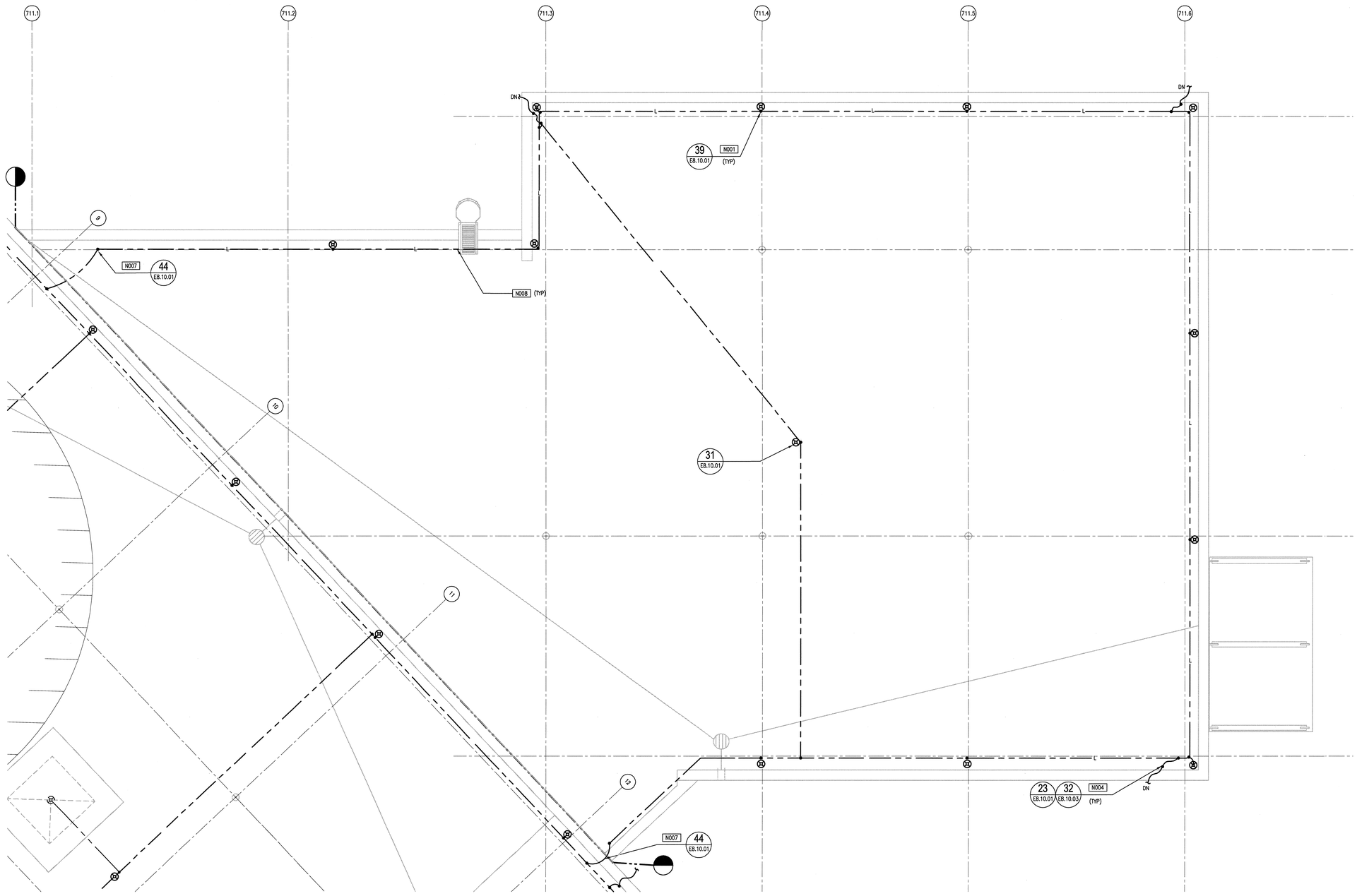


SHEET KEYNOTES:

N001 20' MAX SPACING BETWEEN AIR TERMINALS ALONG PERMETER CABLE & AIR TERMINALS MUST BE WITHIN 24" OF OUTSIDE FACE OF BUILDING.

N002 NOT USED.

N003 NOT USED.

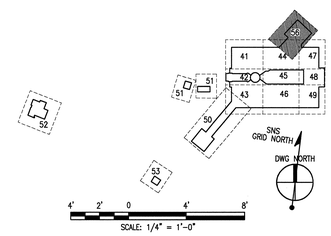
N004 100' AVERAGE SPACING, BETWEEN DOWN CONDUCTORS, ROUTE IN 1" PVC CONDUIT & CONNECT TO MAIN GROUNDING GRID. THE DOWNLEAD CONDUCTOR SHALL BE ATTACHED TO STRUCTURAL STEEL OR CONCRETE COLUMNS WITH UL LISTED CONNECTIONS.

N005 NOT USED.

N006 NOT USED.

N007 FOR DOWNLEAD CONDUCTOR ROOF DECK PENETRATION SEE DETAIL 32, DWG E8.10.03.

N008 MAIN ROOF AND DOWNLEAD CONDUCTORS SHALL BE #28 STRANDS OF 14 GAUGE CU WIRE.



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Oak Ridge National Laboratory
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PROJECT NAME:
SPALLATION NEUTRON SOURCE
INSTRUMENT 11TU ENCLOSURE
ELECTRICAL LIGHTNING PLAN
ROOF, SECTOR 56

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	0

E7.09.56

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

REF
VICTOR G. STEFFEN
REGISTERED ENGINEER
No. 00106009
STATE OF TENNESSEE
10-26-01

0 10-26-01
REV. DATE

DRAWING APPROVALS

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE CONTROL 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
	RGD	11/13/01	RGD	11/13/01		11/13/01			VGS	00106009	10/26/01

REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED

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

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM 3
ENGINEERING PROCEDURE SNS-ENG-G001

AutoCAD

Date: 10/24/2001 Time: 10:28:08
Username: DONGO
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