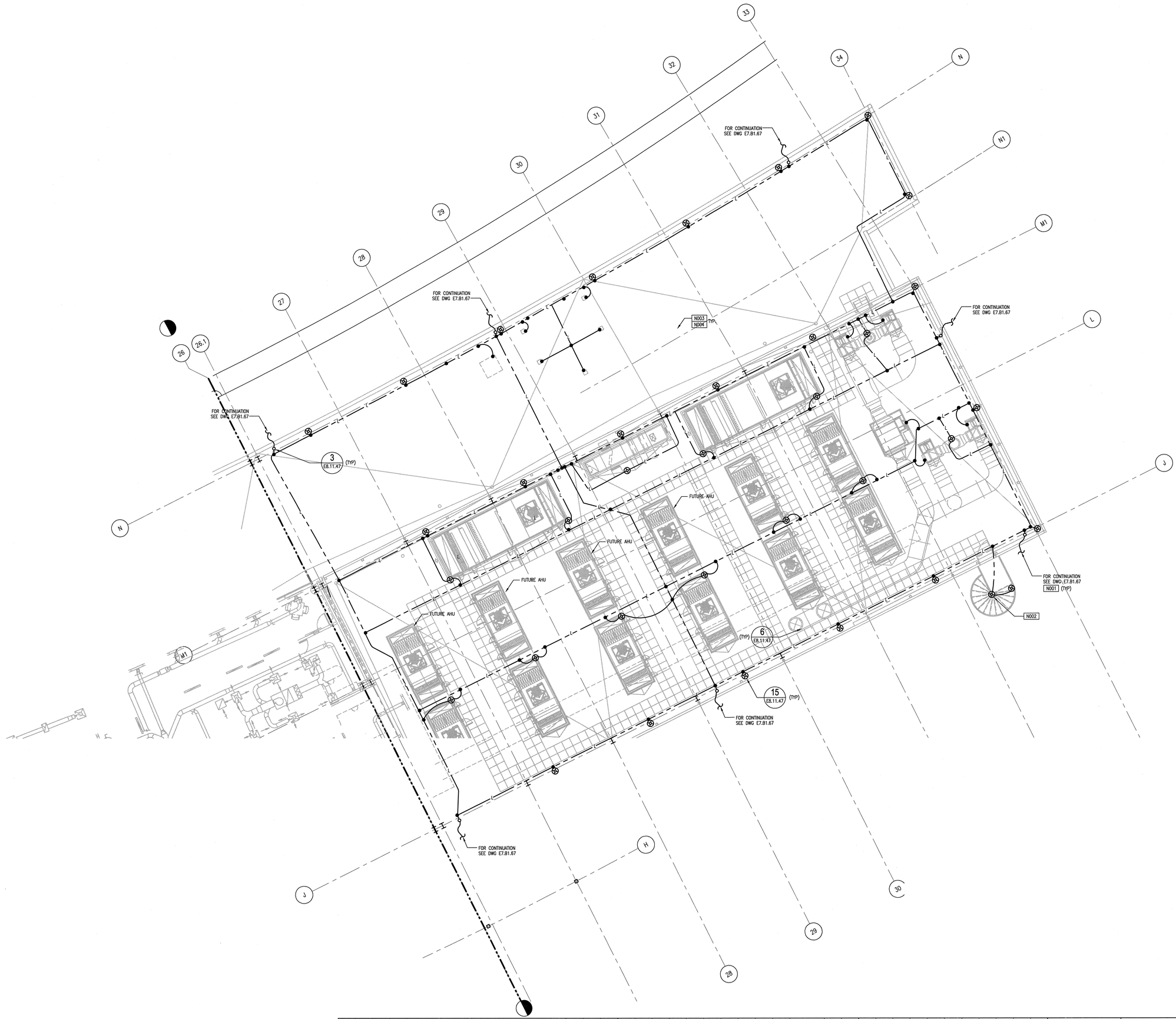
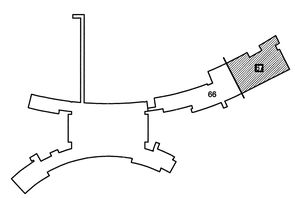
NEXT ASS'Y: FINAL ASS'Y:

KEYNOTES:

N001	LIGHTNING PROTECTION SYSTEM DOWN CONDUCTOR (NO. 28R SAMPSON, 28 STRANDS OF 14 GAUGE COPPER, TYP)
N002	INSTALL AIR TERMINALS AT TOP OF SPIRAL STAIRCASE CENTER COLUMN, AND AT TOP OF HANDRAIL.
N003	CONNECTIONS TO PIPES PENETRATING ROOF ARE NOT SHOWN. SUCH CONNECTIONS ARE INLUDED IN SCOPE OF WORK.
N004	ALL CONDUCTORS AND AIR TERMINALS ABOVE ROOFLINE SHALL BE ALUMINUM.





SHE GRID NORTH
DWG NORTH
8' 4' 0 8' 16'
SCALE: 1/8" = 1'-0"

ORNL DRAWING NUMBER:

Knight/Jacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
fax 865-241-3400

m+w zander
M+W Zander U.S. Operations, Inc.
549 West Randolph Street
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PROJECT NAME:
CENTER FOR NANOPHASE MATERIALS SCIENCES
ELECTRICAL LIGHTNING PLAN
ROOF - SECTOR 67

DSN	C. RUNNG	12/09/02
DRW	L. MAKOVSKY	12/09/02
CHK	V. STEFFEN	12/09/02
DEPT		
PE	CLG	1/24/03
PJ	JS	1/24/03
REQ		1/24/03

RPE
VICTOR G. STEFFEN REGISTERED ENGINEER No. 001060 STATE OF TENNESSEE
REV. 0 DATE 12/9/02 UTB
DRAWING APPROVALS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8610		1	1	P	U
51		52		53	A/E DRAWING NUMBER:					REV
NC		NA					E7.01.67			0

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 12/9/02	CR	VGS		12/9	1/24/03		1/24/03	1/24/03					VGS	106009		RZ	AW	BWJ	AK	IM	DM	–	BWJ	–	TW

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — 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
ENGINEERING PROCEDURE

AutoCAD

Date: 01/15/2003 Time: 15:03:04
DRAWING NAME: P:\DWG\13333\31-CMAS-Elec-E7\01-E7.DWG
LAYOUT: ELLIPRMGEN3D\9000/06_CMAS\MAX_BR\ML\PJ3\F\A3-01-01.DWG