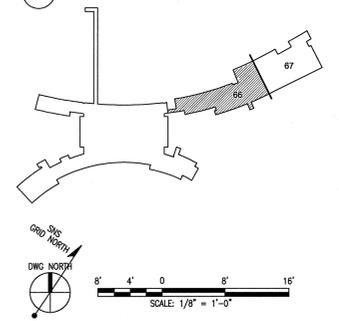
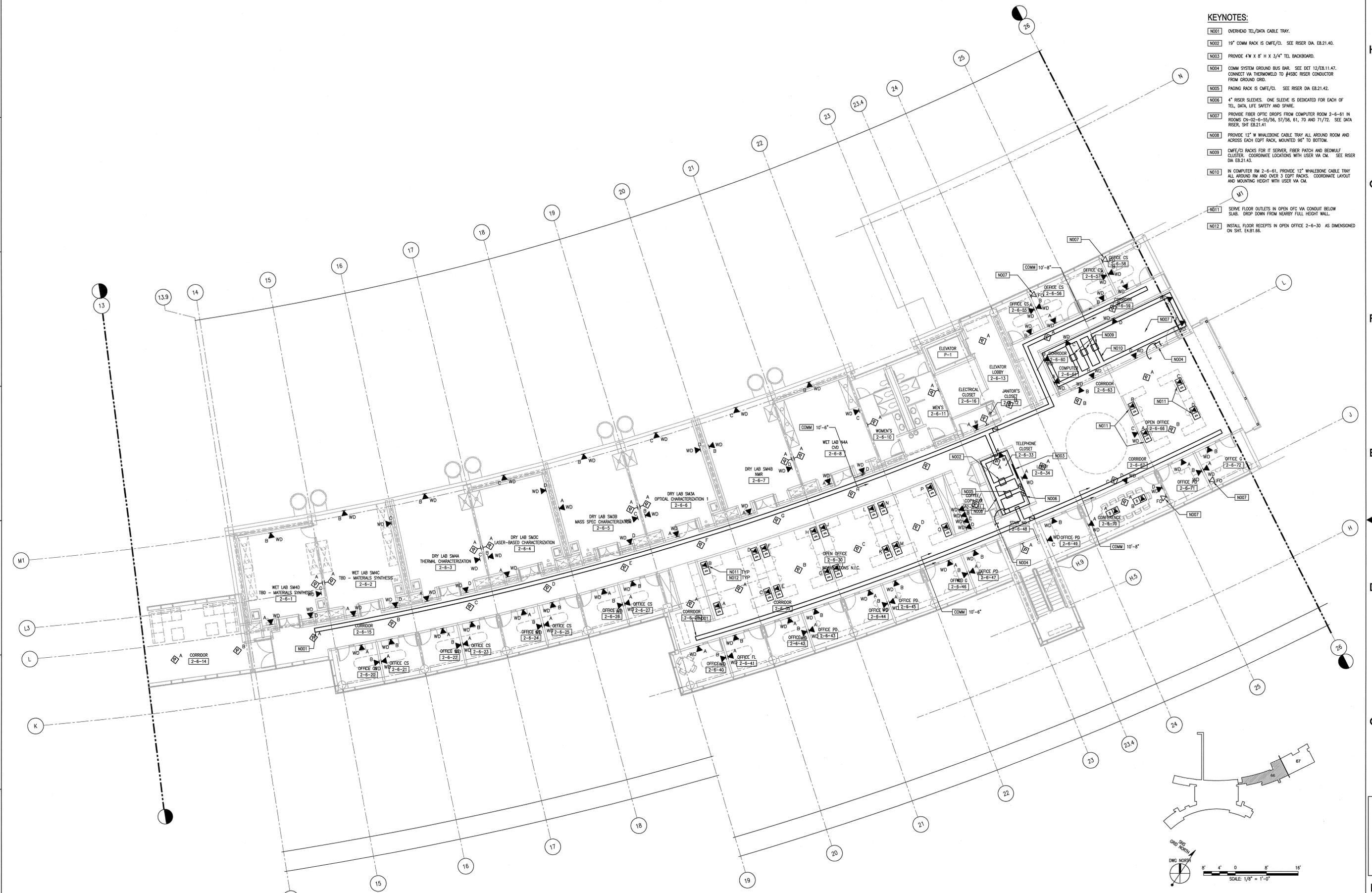


- KEYNOTES:**
- N001 OVERHEAD TEL/DATA CABLE TRAY.
 - N002 19" COMM RACK IS CHFE/CL. SEE RISER DIA. EB.21.40.
 - N003 PROVIDE 4" W X 8" H X 3/4" TEL BACKBOARD.
 - N004 COMM SYSTEM GROUND BUS BAR. SEE DET 12/EB.11.47. CONNECT VIA THERMOWELD TO #4SBC RISER CONDUCTOR FROM GROUND GRID.
 - N005 PAGING RACK IS CHFE/CL. SEE RISER DIA. EB.21.42.
 - N006 4" RISER SLEEVES. ONE SLEEVE IS DEDICATED FOR EACH OF TEL, DATA, LIFE SAFETY AND SPARE.
 - N007 PROVIDE FIBER OPTIC DROPS FROM COMPUTER ROOM 2-6-61 IN ROOMS 04-02-45-56/56, 57/58, 61, 70 AND 71/72. SEE DATA RISER, SHT EB.21.41.
 - N008 PROVIDE 12" W WHALEBONE CABLE TRAY ALL AROUND ROOM AND ACROSS EACH EOPT RACK, MOUNTED 96" TO BOTTOM.
 - N009 CHFE/CL RACKS FOR IT SERVER, FIBER PATCH AND BEOWULF CLUSTER. COORDINATE LOCATIONS WITH USER VIA CM. SEE RISER DIA. EB.21.43.
 - N010 IN COMPUTER RM 2-6-61, PROVIDE 12" WHALEBONE CABLE TRAY ALL AROUND RM AND OVER 3 EOPT RACKS. COORDINATE LAYOUT AND MOUNTING HEIGHT WITH USER VIA CM.
 - N011 SERVE FLOOR OUTLETS IN OPEN OFC VIA CONDUIT BELOW SLAB. DROP DOWN FROM NEARBY FULL HEIGHT WALL.
 - N012 INSTALL FLOOR RECEPTS IN OPEN OFFICE 2-6-30 AS DIMENSIONED ON SHT. E4.81.66.



DRN. DRAWING NUMBER:
 Knight/Jacobs Joint Venture
 701 Scarborough Road, MS 8253
 Oak Ridge, TN 37830
 865-241-3433
 fax 865-241-3400

M+W Zander U.S. Operations, Inc.
 849 West Randolph Street
 Chicago, IL 60661
 Telephone: (312) 577-3200
 Fax: (312) 577-3525



PROJECT NAME:
**CENTER FOR NANOPHASE MATERIALS SCIENCES
 ELECTRICAL COMMUNICATIONS PLAN
 LEVEL 2 - SECTOR 66**

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DESCRIBED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DESCRIBED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDERS RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DESCRIBED IN THESE DRAWINGS ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY CHANGE CONTROL SYSTEM ENGINEERING PROCEDURE

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	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		12/9/02	VGS	106009									RZ	AW	EWJ	AK	IM	DM		EWJ		TW

REV.	DATE	UTB	DATE	RPE
0	12/9/02			

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

REV E6.02.66 0

AutocAD