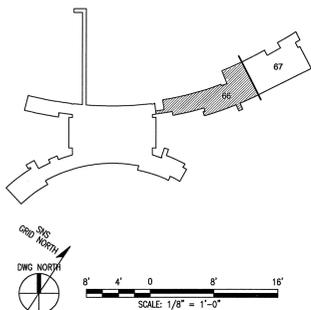
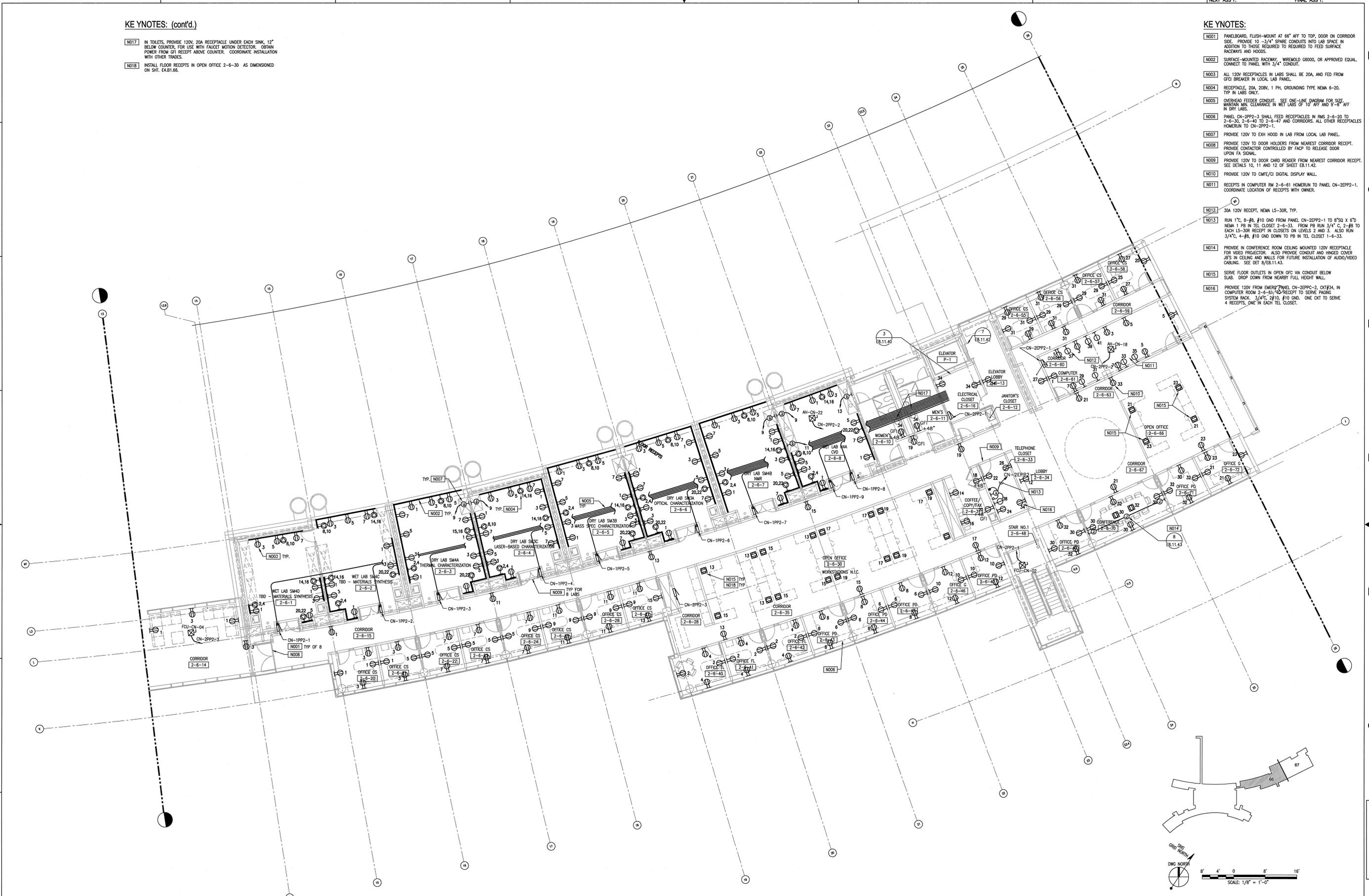


KEYNOTES: (cont'd.)

- N017 IN TOILETS, PROVIDE 120V, 20A RECEPTACLE UNDER EACH SINK, 12" BELOW COUNTER, FOR USE WITH FAUCET MOTION DETECTOR. OBTAIN POWER FROM GFI RECEPT ABOVE COUNTER. COORDINATE INSTALLATION WITH OTHER TRADES.
- N018 INSTALL FLOOR RECEPTS IN OPEN OFFICE 2-6-30 AS DIMENSIONED ON SH. E4.01.66.

KEYNOTES:

- N001 PANELBOARD, FLUSH-MOUNT AT 66" AFF TO TOP, DOOR ON CORRIDOR SIDE. PROVIDE 10 - 3/4" SPARE CONDUITS INTO LAB SPACE IN ADDITION TO THOSE REQUIRED TO FEED SURFACE RACEWAYS AND HOODS.
- N002 SURFACE-MOUNTED RACEWAY, WIREMOLD 6000, OR APPROVED EQUAL. CONNECT TO PANEL WITH 3/4" CONDUIT.
- N003 ALL 120V RECEPTACLES IN LABS SHALL BE 20A, AND FED FROM GFCI BREAKER IN LOCAL LAB PANEL.
- N004 RECEPTACLE, 20A, 208V, 1 PH, GROUNDING TYPE NEMA 6-20. TYP IN LABS ONLY.
- N005 OVERHEAD FEEDER CONDUIT. SEE ONE-LINE DIAGRAM FOR SIZE. MAINTAIN MIN. CLEARANCE IN WET LABS OF 10' AFF AND 9'-8" AFF IN DRY LABS.
- N006 PANEL CN-2PP2-3 SHALL FEED RECEPTACLES IN RMS 2-6-20 TO 2-6-30, 2-6-40 TO 2-6-47 AND CORRIDORS. ALL OTHER RECEPTACLES HOMERUN TO CN-2PP2-1.
- N007 PROVIDE 120V TO EXH HOOD IN LAB FROM LOCAL LAB PANEL.
- N008 PROVIDE 120V TO DOOR HOLDERS FROM NEAREST CORRIDOR RECEPT. PROVIDE CONTACTOR CONTROLLED BY FACP TO RELEASE DOOR UPON FA SIGNAL.
- N009 PROVIDE 120V TO DOOR CARD READER FROM NEAREST CORRIDOR RECEPT. SEE DETAILS 10, 11 AND 12 OF SHEET E8.11.42.
- N010 PROVIDE 120V TO CMFE/DIGITAL DISPLAY WALL.
- N011 RECEPTS IN COMPUTER RM 2-6-61 HOMERUN TO PANEL CN-2EPP2-1. COORDINATE LOCATION OF RECEPTS WITH OWNER.
- N012 30A 120V RECEPT, NEMA L5-30R, TYP.
- N013 RUN 1"Ø, 8-#8, #10 GND FROM PANEL CN-2EPP2-1 TO 8"SO X 6"Ø NEMA 1 PB IN TEL CLOSET 2-6-33. FROM PB RUN 3/4" C, 2-#8 TO EACH L5-30R RECEPT IN CLOSETS ON LEVELS 2 AND 3. ALSO RUN 3/4"Ø, 4-#8, #10 GND DOWN TO PB IN TEL CLOSET 1-6-33.
- N014 PROVIDE IN CONFERENCE ROOM CEILING MOUNTED 120V RECEPTACLE FOR VIDEO PROJECTOR. ALSO PROVIDE CONDUIT AND HINGED COVER JB'S IN CEILING AND WALLS FOR FUTURE INSTALLATION OF AUDIO/VIDEO CABLING. SEE DET 8/E8.11.43.
- N015 SERVE FLOOR OUTLETS IN OPEN OFC VIA CONDUIT BELOW SLAB. DROP DOWN FROM NEARBY FULL HEIGHT WALL.
- N016 PROVIDE 120V FROM EMERGENCY PANEL CN-2EPP2-2, OXTR34, IN COMPUTER ROOM 2-6-61, #10 RECEPT TO SERVE PAGING SYSTEM SWACK, 3/4"Ø, 2#10, #10 GND. ONE OXK TO SERVE 4 RECEPTS, ONE IN EACH TEL CLOSET.



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CENTER FOR NANOPHASE MATERIALS SCIENCES
ELECTRICAL POWER PLAN
LEVEL 2 - SECTOR 66

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 CHANGE CONTROL SYSTEM
 ENGINEERING PROCEDURE

SECTION AND DETAIL KEY

REV	DATE	DESCRIPTION	DSN	CHK	DATE	PE	DATE	PE	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																					

DRW	C. RUNING	12/09/02
CHK	L. MANDORSKY	12/09/02
DEPT	V. STEFFEN	12/09/02
PE	CLG	1/16/03
PJ	JS	1/16/03
REQ	SL	1/16/03

REV. D DATE 12/10/02

1 48 49 50 PLANT BLDG FL SH. OF TYPE CLASS
 3 E X X X 8 8610 1 1 P U
 51 52 53 A/E DRAWING NUMBER: E4.02.66 REV 0
 NC NA

AutoCAD