NEXT ASS'Y: FINAL ASS'Y:

GENERAL NOTES:

1. SEE DRAWING E9.31.90 FOR FIXTURE SCHEDULE.
2. ALL NORMAL CIRCUIT WIRE SIZE SHALL BE #10AWG.

KEY NOTES:

N001	MOUNT FIXTURES BELOW "BRIDGE" AT CEILING OF LEVEL B1.
N002	BOTTOM OF LIGHT FIXTURES IN LAB SPACES SHALL BE 9'-6" ABOVE FINISHED FLOOR.
N003	ALL NORMAL LIGHTING FIXTURES AND EXIT SIGNS ARE CIRCUITED FROM PNL CN-2DP9-1 LOCATED IN RM B1-6-16.
N004	ALL EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS ARE CIRCUITED FROM PNL CN-2ELC-1 LOCATED IN RM B1-6-50.
N005	ALL CANOPY AND OUTDOOR LIGHTING FIXTURES ARE CIRCUITED FROM PNL CN-2LPC-1 VIA CONTACTOR PNL CN-LC-1 LOCATED IN RM B1-6-50.
N006	CIRCUITED FROM PNL CN-2LPC-1.
N007	GLOBE AND GUARD BRACKET MOUNT VAPORTIGHT FIXTURE, 100W LAMP HUBBELL-KILLARK #VFBGG-210.
N008	TO CN-2LPC-1 VIA CN-LC-1, 3#10 & 1#10G (CKT 8,10) FOR STUB-UP LOCATION SEE DWG E8.11.46.
N009	MOUNTING HEIGHT OF LIGHT FIXTURES SHALL BE 10'-0"AFF TO BOTTOM. TYP IN SUPPORT AREAS WITHOUT CEILINGS.
N010	PROVIDE 2" PVC 40, 6#10, #10 GND TO N9 HANDHOLE SERVING CANOPY AND LANDSCAPE LIGHTS. OUTSIDE OF BLDG, PROVIDE MIN 3" CONC ENCASEMENT ALL AROUND, 24" MIN BELOW GRADE.

ORNL DRAWING NUMBER:

KnightJacobs Joint Venture
701 Scarboro Road, MS 8233
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
Chicago, IL 60661
Telephone: (312) 577-3200
Fax: (312) 577-3525

UT-BATTELLE

Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC. • Oak Ridge, Tennessee

PROJECT NAME:

CENTER FOR NANOPHASE MATERIALS SCIENCES
ELECTRICAL LIGHTING PLAN
LEVEL B1 - SECTOR 66

DSN	C. RUNNING	12/09/02
DRW	L. MAKOVSKY	12/09/02
CHK	V. STEFFEN	12/09/02
DEPT		
PE	CLG	12/31/03
PJ	JS	1/23/03
REQ		1/24/03
UTB		

RPE: TAYLOR G. STEPHEN, REGISTERED ENGINEER, No. 00106001, STATE OF TENNESSEE

REV. 0 DATE 12/8/02

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			E3.B1.66					0

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	GRAPHIC REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT
0	–	–	–	CERTIFIED FOR CONSTRUCTION 12/9/02	CR	VGS	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
	12/31/03		1/23/03		1/24/03				VGS	106009	

REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
RZ	AW	BWJ	AK	IM	DM	–	BWJ	–	TW

SQUAD CHECK

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 DISCLOSED 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 DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

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