SYMBOL	DESCRIPTION	LAMPS QTY.	LAMPS WATTS	LAMPS TYPE	DIFFUSER	MOUNTING	VOLTS	MANUFACTURER	CATALOG NUMBER	ADDITIONAL REQUIREMENTS
A2	1' X 4' FLUORESCENT 10% UPLIGHT	2	32	F32T8	TUBE	PENDANT OR SURFACE	277V			NOTE 1
B	FIBERGLASS FLUORESCENT LUMINARE WITH GASKETED LENS SUITABLE FOR DUST/WET LOCATION.	2	32	F32T8	ACRYLIC	SURFACE	277V			NOTE 1
B6	1'x4" FIBERGLASS FLUORESCENT, WET/DAMP LOCATIONS, CLASS 1, DIV. 2, GROUPS A, B, C, & D HAZARDOUS AREAS	2	32	F32T8	ACRYLIC	PENDANT OR SURFACE	277V	RIG-A-LITE	NMF SERIES	NOTE 1
C4	2'X4' LAY IN PARALOUVER FLUORESCENT FIXTURE	2	32	F32T8	16 CELL SEMI SPECULAR	RECESSED GRID	277V			NOTE 9
D	1'X4' WALL MOUNTED FLUORESCENT	2	32	F32T8	ACRYLIC LENS	WALL OR CEILING	277V			
D2	2"x48" FLUORESCENT TEAR DROP WITH FEED THRU WIRING OPTION	1	32	F32T8	ACRYLIC	CEILING SURFACE	277V	GUTH	AIRELUME IV	NOTE 1, 7
E	SINGLE FACE DIFFUSED LIGHT EMITTING DIODES (LED) EXIT SIGN. FULLY ILLUMINATED STROKES WITH RED LED'S & WHITE ENCLOSURE, LESS BATTERY.	1	4.5	LED	N/A	UNIVERSAL	277V			
E1	SAME AS TYPE "E" EXCEPT DOUBLE FACE	1	4.5	LED	N/A	UNIVERSAL	277V			
G2	CALCULITE 7 1/2" HID LENSED DOWNLITE	1	70	70W MH	BLACK REFLECTOR	RECESSED	277V			
G6	QUARTZ HALOGEN FLOOD LIGHT WITH FIXTURE MOUNTED ON ADJUSTABLE STEM MOUNTING ARM AND U.L. LISTED FOR WET LOCATION.	1	500	500T3Q/CL LAMP BY PHILIPS		SURFACE	120V			
I	OUTDOOR, COMPACT, BOLLARD, CAST ALUMINUM W/STAINLESS STEEL HARDWARE, 32" HIGH	1	70	COATED METAL HALIDE	GLASS GLOBE	CONCRETE BASE	277V	KIM	CB32/70MH277/	PER CM
I1	SAME AS 'I' EXCEPT 24" HIGH	1	50	COATED METAL HALIDE	GLASS GLOBE	CONCRETE BASE	277V	KIM	CB24/50MH277/	PER CM
I2	WET LOCATION STEP LIGHT, CAST ALUMINUM, TEMPERED GLASS LENS, SUITABLE FOR RECESSED CONCRETE INSTALLATION	1	50	COATED METAL HALIDE	GLASS	RECESSED IN CONCRETE	277V	DEVINE	LMS20050MH277/ CUSCPJBTW	PER CM
N	2' X 4' SURFACE PARALOUVER FLUORESCENT FIXTURE	3	32	F32T8	18 CELL SEMI SPECULAR	PENDANT	277V			NOTE 1
S2	2'x4' RECESSED SEALED TROFFER, SUITABLE FOR USE IN CLASS 100/1000 CLEANROOMS	4	32	F32T8	ACRYLIC	RECESSED GRID	277V	LITHONIA	2SRHG20432FWFA12125V277ALABCNG	NOTE 1, 7
U1	WALL MOUNTED FULLY INCLOSED AND GASKETED DOWN LIGHT	1	70	MH	–	WALL	277V			SUITABLE FOR OUTDOOR USE
W1	WALL MOUNTED INDIRECT LIGHTING 8'-0"	1 PER 4' SECTION	32	F32T8	HAMMERTONE REFLECTOR	WALL	277V			
W4	12" LONG PENDANT MOUNTED INDIRECT LIGHTING	2 PER 4' SECTION	32	F32T8	–	PENDANT	277V			
W5	4' LONG PENDANT MOUNTED INDIRECT LIGHTING	2 PER 4' SECTION	32	F32T8	–	PENDANT	277V			
W6	8' LONG PENDANT MOUNTED INDIRECT LIGHTING	2 PER 4' SECTION	32	F32T8	–	PENDANT	277V			
W8	20" LONG PENDANT MOUNTED INDIRECT LIGHTING	2 PER 4' SECTION	32	F32T8	–	SURFACE/ PENDANT	277V			
X	RECESSED PERIMETER TROUGH SYSTEM	2 PER 4' SECTION	32	F32T8	SEMI SPECULAR REFLECTOR	RECESSED	277V			USE 4' MODULES ONLY, FOR LAVATORY USE ONLY.
Z	LYTECASTER 6" COMPACT FLUORESCENT DOWNLITE	1	32	32WTTT	SEMI SPECULAR REFLECTOR	RECESSED	277V			
Z3	RECESSED CALCULITE 8" COMPACT FLUORESCENT	1	42	42TTT	WHITE REFLECTOR	RECESSED	277V			
Z4	WALL SCONCE, GREY TRIM FINISH	1	100	A19	OPAL GLASS	WALL/ SURFACE	120V	HAMPSTEAD LIGHTING	DZ 2000	MOUNT BOTTOM OF FIXTURE AT 7' AFF WWW.HAMPSTEADLIGHTING.COM
SAB	CERAMIC METAL HALIDE T6 DOWNLIGHT; 8" APERTURE; "DARKLIGHT" REFLECTOR MADE OF SILVER ALUMINUM WITH 30DEGREE CUTOFF; FROSTED GLASS DIFFUSER; SIDE MOUNTED ELECTRONIC BALLAST RATED FOR -20 DEGREES C; SAFETY GLASS; U.L. LISTED FOR WET LOCATION	1	39	T6	FROSTED GLASS	RECESSED EXTERIOR CANOPY	277V	ERCO	81022.000	EXTERIOR CANOPY
SBB	CERAMIC METAL HALIDE T6 ADJUSTABLE ACCENT LIGHT; CORROSION-RESISTANT CAST-ALUMINUM HOUSING, HINGE AND MOUNTING BRACKET; SILVER MIRROR FINISH ANODIZED REFLECTOR, INTEGRAL SNOOT AND CROSS BAFFLE; SAFETY GLASS LENS; LOCKABLE ROTATION AND TILT; CANTILEVER ARM WITH INTEGRAL CONTROL GEAR RATED FOR -20F TEMPERATURE OPERATION; SPREAD LENS; U.L. LISTED FOR WET LOCATION	1	39	T6	SPREAD LENS	BRACKET ARM	277V	ERCO	34054.023 WITH 34980023 AND 74438.000	SPIRAL STAIRCASE

SHEET NOTES:

1. PROVIDE ELECTRONIC ENERGY EFFICIENT FLUORESCENT BALLAST
2. PROVIDE HIGH POWER FACTOR BALLAST.
3. PROVIDE NUMBER OF BALLASTS IN FIXTURE AS REQUIRED TO ACCOMPLISH SWITCHING AS INDICATED ON PLANS.
4. PROVIDE COLD TEMPERATURE BALLAST, SUITABLE TO 0°F.
5. FIXTURES WITH "Y" NOTATION ON PLANS INCLUDE YELLOW LAMPS.
6. CEILING COMPATIBILITY FOR ALL RECESSED FIXTURES TO BE VERIFIED BY THE CONTRACTOR BEFORE ORDERING.
7. FIXTURES WITH NO MANUFACTURER OR CATALOG NUMBERS GIVEN ARE PART OF THE EXISTING SNS ELECTRICAL COMMODITIES PACKAGE.
8. X – SIGNIFIES INFORMATION TO BE SUPPLIED BY ELECTRICAL CONTRACTOR.
9. PROVIDE DIMMING BALLASTS WHERE INDICATED ON PLANS.

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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

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		1/9/03		1/03		1/03	RJH	1/03			VGS	106009		RZ	AW	BWJ	AK	IM	DM	–	BWJ	–	TW

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE: DR. G. STEFFEN, REGISTERED ENGINEER, CHEMICAL, STATE OF TENNESSEE, 1-21-03

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
REV. 0	DATE 12/9/02	UTB

DRAWING APPROVALS

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PROJECT NAME:
CENTER FOR NANOPHASE MATERIALS SCIENCES
LIGHT FIXTURE SCHEDULE

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3 E	X	X	8	8610			1	1	S	U
51 NC	52 NA		53	A/E DRAWING NUMBER:	E9.31.90					REV 0

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