

**LIGHTING NOTES:**

1. ELECTRICAL WORK SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL STANDARDS, CODES, AND GUIDELINES.
2. SIGNIFICANT DESIGN ALTERATIONS, ADDITIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL BEFORE PROCEEDING.
3. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE ELECTRICAL SYSTEM INSTALLATION WITH ALL TRADES INCLUDING MECHANICAL, ARCHITECTURAL, STRUCTURAL, AND PLUMBING.
4. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT SERVICE SIZE IS ADEQUATE.
5. ALL PENETRATIONS THROUGH FIRE-RESISTANT RATED WALL, FLOOR/CEILING AND ROOF/CEILING ASSEMBLIES SHALL BE MADE IN ACCORDANCE WITH AN APPROVED U.L. LISTED THRU-PENETRATION ASSEMBLY AND SUCH ASSEMBLY IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
6. EXTERIOR LIGHTING TO BE PROVIDED WITH A PHOTOCELL AND TIMER.
7. EXTERIOR POLE MOUNTED FIXTURES TO BE AS INDICATED ON THE SITE PLAN. SITE LIGHTING TO INCLUDE WALKWAY BOLLARDS AND POLE LIGHTS.
8. ALL EXPOSED WIRING SYSTEMS ARE TO BE RUN IN E.M.T. OR RIGID CONDUITS RUN TIGHT TO THE FLOOR DECK OR CONTINUOUSLY ALONG OTHER STRUCTURAL COMPONENTS.
9. COLOR FOR ELECTRICAL COVER PLATES AND COMPONENTS TO MATCH THE BUILDING COLOR SCHEME.
10. CENTER FIXTURES IN CEILING TILES.
11. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING CONDUITS TO THE BUILDING FOR TELEPHONE FIBER OPTIC AND CABLE SERVICES.
12. FLOOR/CEILING ASSEMBLIES ARE 2 HR. FIRE-RATED. ROOF/CEILING ASSEMBLIES ARE 1 HR. FIRE-RATED.
13. ELECTRICAL CONTRACTOR TO PROVIDE FIXTURE SUBMITTALS AND CIRCUITED DRAWING, INCLUDING PANEL DIAGRAMS FOR APPROVAL PRIOR TO INSTALLATION.
14. CEILING DO NOT SERVE AS RETURN AIR PLENUM.
15. UPLIGHTING SHALL BE INSTALLED AROUND THE PERIMETER OF THE BUILDING. LOCATION OF LIGHTS SHALL BE COORDINATED WITH THE MASONRY CONTRACTOR. THE UPLIGHTS MUST BE CONTROLLED BY A PHOTOELECTRIC CELL. PROVIDE MIN. 1/2" RIGID CONDUIT TO EACH FIXTURE. THE CONTROL SYSTEM MUST SWITCH ALL LIGHTS ON AND OFF SIMULTANEOUSLY.
16. MINIMUM LIGHTING LEVEL UNDER CANOPY MUST BE TEN FOOT-CANDLES.
17. MINIMUM LIGHTING LEVEL MUST BE TEN FOOT-CANDLES IN THE LOBBY AND 30 FOOT-CANDLES AT THE REGISTRATION DESK SURFACE.
18. FIFTY FOOT-CANDLES OF ILLUMINATION MUST BE PROVIDED AT COUNTER HEIGHT AT BREAKFAST/PANTRY AREA. ALL LIGHTING WITHIN THE BREAKFAST SERVING AREA MUST BE DIMMABLE.
19. PROVIDE A MINIMUM OF SIXTY FOOT-CANDLES OF GENERAL LIGHTING MEASURED AT DESK HEIGHT AT THE BUSINESS CENTER. LIGHTS MUST BE WIRED TO REMAIN ON AT ALL TIMES.
20. LIGHT LEVEL AT THE MEETING ROOM TABLETOPS MUST BE A MINIMUM OF 50 FOOT-CANDLES. PROVIDE LIGHTING ON DIMMER SWITCHES.
21. PROVIDE ONE UNDERWATER LIGHT IN THE POOL MINIMUM. THE CIRCUITS SUPPLYING THE UNDERWATER LIGHTING FIXTURES MUST BE LOW VOLTAGE AND MUST BE PROTECTED THROUGH AN APPROVED GROUND FAULT INTERRUPTER. POOL LIGHT SHALL REMAIN ACTIVE DURING OFF HOURS.
22. PROVIDE FIVE FOOT-CANDLES MINIMUM MEASURED AT THE DECK SURFACE. LIGHTS SHALL BE KEY SWITCHED.
23. ELECTRICAL DISTRIBUTION MUST BE MADE SUCH THAT INDIVIDUAL CIRCUIT PROBLEMS IN ONE GUEST ROOM DO NOT AFFECT ANY OTHER GUEST EXPERIENCE. PROVIDE AT LEAST THREE 20-AMP CIRCUITS FOR GENERAL LIGHTING AND RECEPTACLE REQUIREMENTS, WITH A SEPARATE GFCI CIRCUIT FOR THE BATH.
24. LIGHTING WITH A LEVEL OF 10 FOOT-CANDLES MINIMUM, MEASURED AT FLOOR LEVEL, MUST BE PROVIDED IN CORRIDORS, AND 15 FOOT-CANDLES MINIMUM AT THE ENTRY DOOR LOCK.
25. AN EMERGENCY BACKUP GAS GENERATOR SHALL BE PROVIDED TO RUN ALL PUBLIC LIGHTING, ELEVATOR AND ALL OTHER EMERGENCY CIRCUITS AS REQUIRED BY CODE.

LIGHTING SCHEDULE			
TYPE	MANUFACTURER	CATALOGUE #	DESCRIPTION
A	LITHONIA	SB 2 32 MVOLT	VRAPAROUND
B	LITHONIA	26T12UB16A12MVOLT	2x2 RECESSED
C	LITHONIA	AF1/32TRT6ARMVOLT	NON DIM DOWN
CD	LITHONIA	AF1/32TRTD16ARMVOLT	DIM DOWN
CM	LITHONIA	AFN1/32TRTD16ARMVOLT	DIM WALL WASH
D	GEORGE KOVACS	P5110-617	VANITY LIGHT
E	PROGRESS	P6140-04A	PENDANT
F	PROGRESS	P6140	TRACK HEAD
FI	PROGRESS	P6140-28	TRACK PENDANT HEAD
G	PROGRESS	P4200-28	TRACK HEAD
H	LIGHTOLIER	C4X420LEDPL2TKCGL/C4X420LEDI	5' SQUARE RECESSED LED
J	LIGHTOLIER	C4X420LEDW42TKCGLN/C420LEDI	5' RECESSED LED WALL WASHER
K	LIGHTOLIER	C4X420LEDW42TKCZP/C420LEDI	5' RECESSED LED WALL WASHER
L	LIGHTOLIER	FR42GRVYA2822TTSO	2x4 RECESSED LENS TROFFER
M	WINONA LIGHTING	P2-56-MHT0-2TV-5KI-56W-P6-STD	SMALL WALL MOUNT HID
N	WINONA LIGHTING	P3-56W-MH50-2TV-5KI-56W-P6-STD	SMALL WALL MOUNT HID OUTDOOR LOCATION
O	VATOR ACCESSORIES	APL-1	ELEVATOR PIT LIGHT
P1	TBD	TBD	DECORATIVE FIXTURE
P2	TBD	TBD	DECORATIVE FIXTURE
P3	TBD	TBD	DECORATIVE FIXTURE
P4	TBD	TBD	DECORATIVE FIXTURE
Q	LIGHTOLIER	40832U	ADA COMPLIANT WALL SCOSCE
R	TRINITY LIGHTING	54584-HBR2-24-LT-801	24" DECORATIVE FLUORESCENT WALL MOUNTED
S	TRINITY LIGHTING	54584-HBR2-36-LT-800	36" DECORATIVE FLUORESCENT WALL MOUNTED
T	TRINITY LIGHTING	50593-FL-PTBZ-LT-700	SURFACE/CEILING MOUNTED (2) PL18W FLUORESCENT
U	TRINITY LIGHTING	50591A-BNICK-LT-900	PENDANT FOR SUITE DIVIDER
V	TBD	TBD	RECESSED DOWNLIGHT
W	TBD	TBD	RECESSED DOWNLIGHT
X	LIGHTOLIER	C6L1520DL	6" ROUND RECESSED DOWNLIGHT LED
Y	LIGHTOLIER	C4L10DL	4" ROUND RECESSED DOWNLIGHT LED
Z	TBD	TBD	SURFACE MOUNTED DECORATIVE FIXTURE
AA	TBD	TBD	RECESSED FLUORESCENT DOWNLIGHT
BB	TBD	TBD	MINI-PENDANT HALOGEN LIGHT W/ TILLIA SHADE
CC	TBD	TBD	SURFACE MOUNTED FLUORESCENT LIGHT
DD	PANAMEX GROUP	AZTORVRL	RECESSED FANLIGHT 2.0 SONES MAX.
EE	TBD	TBD	DECORATIVE SURFACE MOUNT VANITY FIXTURE
FF	TBD	TBD	SURFACE MOUNT DECORATIVE FIXTURE
GG	B-K LIGHTING	DS-LED-e23-N5P-12	DELTA STAR - N SPOT
HH	LURALINE	HL301XLM-SE-BL-M50/R	DECORATIVE WALL MOUNT
JJ	LUMINTON	12D271-NHC220-RMT-B	1" ROUND 2 DIRECTIONAL, WALL LUMINAIRE (2 LAMPS)

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	RECESSED DOWNLIGHT
	FLUORESCENT STRIP LIGHT
	2'x2' RECESSED FLUORESCENT LIGHT WITH PRISMATIC LENS
	2'x4' RECESSED FLUORESCENT LIGHT WITH PRISMATIC LENS
	PENDANT FIXTURE
	WALL WASHER RECESSED FIXTURE
	SURFACE MOUNTED FIXTURE
	WALL MOUNTED FIXTURE
	FLEXIBLE SUSPENDED LIGHT TRACK
	TRACK MOUNTED FIXTURE
	STRAIGHT LIGHT TRACK
	SQUARE RECESSED DOWNLIGHT
	DECORATIVE LIGHT FIXTURES
	PHOTOCELL (MOUNTING LOCATION T.B.D.)
	SINGLE-POLE SWITCH MOUNTED 42" A.F.F. TO CENTER
	THREE-WAY SWITCH MOUNTED 42" A.F.F. TO CENTER
	SINGLE-POLE SWITCH WITH MOTION/INFRARED SENSOR MOUNTED 42" A.F.F. TO CENTER
	DIMMER SWITCH MOUNTED 42" A.F.F. TO CENTER
	"IN-USE" INDICATOR LIGHT
	KEYED SWITCH

NOTE: GUEST BATH HAIR DRYER TO HAVE INTEGRAL NIGHT LIGHT THAT IS ILLUMINATED DURING TIMES OF DARKNESS.

REVISION SCHEDULE	
DATE	REVISION DESCRIPTION

**COPECHED**  
CONSTRUCTION CORPORATION  
11 CORPORATE DRIVE, BELMONT, NH 03220  
PHONE (603) 271-2090 FAX (603) 271-7151

**LIGHT LEGENDS AND NOTES**

PROJECT: **Hotel, Restaurant, & Portside Residences** Portland ME

DATE: 08-24-10  
SCALE: As Shown  
DRAWN BY: dwb

SHEET: **E7**