



JOB NUMBER:  
1130  
DATE:  
09/08/11  
REVISIONS:

A New Expansion for:  
**TWENTY - TWO FIFTY INTERIORS**  
Building C - Sugar Land Town Square  
2250 Lone Star Drive  
Sugar Land, Texas

**JIM LAWLESS AIA**  
Architects & Planners  
4610 Greenwater Blvd  
Suite 200-C  
Sugar Land, Texas  
77478  
(281) 240-6101

**4 FLOOR PLAN - LIGHTING**

SCALE: 1/4" = 1'-0"

	A	2'x4' LAY-IN FLUORESCENT FIXTURE W/ ACRYLIC LENS. 2-32 WATT LAMPS. 120 VOLT.
	B	RECESSED CAN LIGHT MOUNTED IN GYP BOARD CEILING. 1-24 WATT FLUORESCENT LAMP. 120 VOLT.
	C	PENDANT HUNG CAN LIGHT. 1-24 WATT FLUORESCENT LAMP. 120 VOLT.
	CH	TENANT PROVIDED CHANDELIER. 150 WATTS MAX. 120 VOLT.
	F	8'-0" CHAIN HUNG FLUORESCENT STRIP FIXTURE. 2-32 WATT LAMPS. 120 VOLT.
	P	PENDANT LIGHT. 1-20 WATT MR-16 LAMP. 120 VOLT.
	T	TRACK LIGHTING. 30 WATTS PER LINEAR FOOT. 68'-0" TOTAL. 35 WATT MR-16 HEADS. 34 TOTAL. 120 VOLT.
	W	FLUORESCENT WALL SCONCE. 1-24 WATT LAMP. 120 VOLT.
	EX	EXIT/EMERGENCY COMBO SIGN, 6" RED LED LETTERS, UNIVERSAL MOUNT W/REMOTE OPTION, WHITE FINISH, THERMOPLASTIC HOUSING, DUAL VOLTAGE, 2 6 VOLT LAMP HEADS. 90 MIN BATTERY BACKUP.
	OE	OUTSIDE EGRESS FIXTURE CENTERED OVER EXIT DOOR. LIGHTTOWER MODEL # RT912W 12 VOLT WITH SINGLE PAR 38 TUNGSTEN LAMP (#19-2-53). 90 MINUTE BATTERY BACKUP. 120 VOLT.
	EG	WALL MOUNTED EMERGENCY/EGRESS LIGHTING FIXTURE. "SURE-LITE" PROVIDER MODEL WITH FULLY ADJUSTABLE HEADS. 120 VOLT. CONNECTION "UL" LISTED. SELF CONTAINED 6VOLT TUNGSTEN LAMPS W/SEALED LEAD CALCIUM BATTERY. WITH BATTERY BACK UP - 90 MINUTE BATTERY.

EMERGENCY POWER SUPPLY POWER  
SUPPLY FOR EXIT SIGNS AND EMERGENCY LIGHTS SHALL BE PROVIDED BY PREMISES WIRING SYSTEM. IN THE EVENT OF NORMAL POWER FAILURE ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY POWER-BATTERY BACKUP, TO ENSURE CONTINUED ILLUMINATION PER SECTION 1003.2.10.5, I.B.C

**3 LIGHTING FIXTURE SCHEDULE**

A CONTROL DEVICE SHALL BE INSTALLED THAT AUTOMATICALLY TURNS LIGHTS OFF WITHIN 30min. OF ALL OCCUPANTS LEAVING SPACE.

COORDINATE ALL LIGHTING LOCATION WITH OWNER. VERIFY LIGHT SWITCH LOCATION AND TYPE OF CONTROLS (MOTION SWITCH & TIMECLOCKS)

REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED REFLECTED CEILING PLAN.

ALL EMERGENCY LIGHT FIXTURES & NIGHT LIGHTS TO BE ROUTED TO CONSTANT POWER BRANCH CIRCUIT 120 VOLT.

**2 SHEET NOTES**

- 1 MOUNT ALL SWITCH DEVICES IN ACCORDANCE TO STATE OF TEXAS A.D.A. MOUNTING HEIGHT STANDARDS. REFER TO DETAIL ON THIS SHEET. MOTION SWITCHES TO BE UTILIZED FOR PUBLIC LIGHTING
- 2 MOUNT LIGHTING FIXTURE IN LAY-IN CEILING GRID. COORDINATE LOCATION AND GRID WITH ARCHITECTURAL REFLECTED CEILING PLAN.
- 3 BATTERY BACK-UP EXIT LIGHT MOUNTED FROM CEILING, OR 12" ABOVE DOOR WAY. PROVIDE WITH DIRECTIONAL ARROWS. REFER TO LIGHTING FIXTURE SCHEDULE.
- 4 MOUNT EGRESS EMERGENCY LIGHT FIXTURE AT 8" BELOW CEILING TILE OR 6" ABOVE EXIT LIGHT. PROVIDE CONSTANT 120 VOLT POWER. RE: TO FIXTURE SCHEDULE.
- 5 120 VOLT BATTERY BACKUP EXTERIOR EGRESS LIGHT OVER EXIT DOORS. REFER TO LIGHTING FIXTURE SCHEDULE.

**1 KEYED NOTES - LIGHTING**

STATE OF TEXAS  
H.M. McLEOD, P.E.  
PROFESSIONAL ENGINEER

THIS SEAL WAS AUTHORIZED THIS DATE: 02/02/11  
PROJECT #11-010  
**H.M. McLEOD, P.E.**  
4577 KENNETH BLVD. SUITE 3  
HOUSTON, TEXAS 77027  
OFFICE: (713) 861-8890  
FAX: (713) 861-8891  
CELL: (713) 808-1846

PE License Registration:  
© 2011 H.M. McLeod, P.E.  
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of H.M. McLeod, P.E.

DRAWING:  
FLOOR PLAN LIGHTING  
**E-1**