



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

LIGHTING SCHEDULE & ENERGY TABULATION

FIXTURE COUNT IS FOR ENERGY CALCULATIONS ONLY. CONFIRM FINAL COUNTS WITH OWNER OR OWNER'S REP.

FIXTURE SYMBOL	FIXTURE DESCRIPTION	MANUFACTURER	# OF FIXT. SPEC'D.	LAMP WATTS	WATTS/FIXTURE	SUB-TOTAL WATTS
A ○	CAN LIGHT 50W. LAMP	OMEGA #OM6250PAR38-RQADJ45-CSS	4	50	50	200
B ⊞	FLUORESCENT CAN LIGHT WITH 32PLT LAMP	OMEGA #OM6-1H-32PLT-CS-120	2	32	32	64
C ▽	SWIVEL HEAD SPOT LIGHT 50W. LAMP	WAC LIGHTING #ME-101	2	50	50	100
D ⊕	EXTERIOR DOOR LIGHT	DAYBRITE/NIGHT BRITES #NWP28C-F-12-LP	3	0	0	0
G ⊖	PENDANT LIGHT FIXTURE 100W.	PER OWNER	23	100	100	2,300
H ▭	2'x4' GRID MTD. (120V.) FLUORESCENT W/ (3) 32W. TB LAMPS AND ELEC. BALLAST	DAYBRITE #2TGB-3-32-12-UNV-FB	9	32	96	864
Ⓣ	REST ROOM FAN/LIGHT COMBO BY E.C.	COORDINATE WITH MECH. CTRC. FOR PROPER FAN SIZE	2	100	100	200
						TOTAL INTERNAL LIGHTING SPECIFIED: 3,528 W

VERIFY ALL FIXTURES WITH OWNER, ARCHT. & "CHURCH INTERIORS" PRIOR TO PURCHASE. NOTE THAT THERE ARE SLOPED, GYP. AND FLAT GRID CEILINGS. PROVIDE MTG. HARDWARE, AS REQUIRED.

EMERGENCY LIGHTING FIXTURE SCHEDULE

⊕	2 HEAD EMER. LT W/ ADJUSTABLE HEADS	EXITRONIX-LL-90	WITH INTEGRAL BATTERY BACKUP
⊕ EC	SAME AS ABOVE W/EXTRA BATTERY	EXITRONIX-LL90-R	AND ALL NECESSARY MTG. HARDWARE
⊕	CAPACITY TO RUN REMOTE HEADS		
⊕	UNIVERSAL MTD. EXIT SIGN W/ BATTERY	EXITRONIX-VEXUBPWVWH	
⊕ EC	SAME AS ABOVE W/ EXTRA BATTERY	EXITRONIX-VEXUBPWVWH-R	
⊕	CAPACITY TO RUN REMOTE		
⊕	COMBO EXIT/EMER. W/ BATTERY.	EXITRONIX-VEXUBPWVWH-EL90	
⊕	HEADS MTD. ON SIDES		
⊕ EC	SAME AS ABOVE W/ EXTRA BATTERY	EXITRONIX-VEXUBPWVWH-EL90-R	
⊕	CAPACITY TO RUN REMOTE		
⊕	TWO HEAD OUTDOOR RATED REMOTE HEAD	EXITRONIX-VR2-V10-W-D	

**2003 INTERNATIONAL ENERGY CONSERVATION CODE
SECTION 805 - LIGHTING SYSTEMS**

PRESCRIPTIVE PERFORMANCE ENERGY COST BUDGET

(LIGHTING - SEE PLAN FOR FIXTURE SPECIFICATIONS)

TABLE 805.4.2 WAS USED TO CALCULATE THE INTERIOR LIGHTING POWER ALLOWANCES:

BUILDING AREA (AFFECTED BY NEW LIGHTING) = 2,236 sq. ft.
 ALLOWED WATTS = 1.3 w/ft x 2,236 = 2,907 WATTS (RELIGIOUS WORSHIP)
 ALLOWED WATTS = 1.0 w/ft x 1,444 = 1,444 WATTS (DECORATIVE, SEPARATE SWITCH, DIMMED)
 TOTAL ALLOWED WATTS = 2,907 + 1,444 = 4,351 WATTS
 WATTS SPECIFIED = 3,528 WATTS

% OF ALLOWED = 3,528 / 4,351 = 81 %

DESIGNER STATEMENT:
 TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE ELECTRICAL SYSTEM AND EQUIPMENT REQUIREMENTS OF THE 2003 INTERNATIONAL ENERGY CONSERVATION CODE.

SIGNED: _____
 NAME: _____
 TITLE: _____

Mk Date Description
 Revisions