



RELAY LOCATION: OFFICE	P P A	RELAY PANEL 'R'		LIGHTING CON LEVITON' Z-N #R08BD-108	LIGHTING CONTROL RELAY CABINET 'LEVITON' Z-MAX #R08BD-108	CABINET
ITEM	RELAY	LOAD CONTROLLED	FIXTURE TYPE		VOLTAGE	LOAD
RELAY CARD	_	DINING AREA LIGHTING	INCANDSCENT		120V/1ø	1100 W/VA
RELAY CARD	2	DINING AREA LIGHTING	INCANDSCENT		120V/1ø	1300 W/VA
RELAY CARD	3	DINING AREA LIGHTING	LOW-VOLTAGE MR16		120V/1ø	700 W/VA
RELAY CARD	4	DINING AREA LIGHTING	LOW-VOLTAGE MR16		120V/1ø	600 W/VA
RELAY CARD	5	DINING AREA LIGHTING	L.E.D.		120V/1ø	800 W/VA
RELAY CARD	6	EXTERIOR SIGNAGE	1		120V/1ø	1500 W/VA
RELAY CARD	7	SPARE	1		-	ı
RFI AY CARD	00	SPARE	ı		I	I

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AFN W EXT A268

SURFACE (EXTERIOR)

N.A.

INCLUDED

120/277

EXTERIOR GRADE, DIE-CAST ALUMINUM, EMERGENCY FIXTURE WITH SEALED NI-CAD BATTERY AND A WHITE FINISH. FIXTURE NORMALLY "ON".

2

9W KRYPTON

20/277

BLACK THERMOPLASTIC EMERGENCY LIGHTING UNIT WITH 90 MIN. OF BATTERY BACK-UP. MOUNT UNIT 6" BELOW CLG. UNLESS OTHERWISE NOTED.

TO BE SELECTED BY OWNER & PROVIDED AND INSTALLED

TO BE SELECTED BY OWNER & PROVIDED AND INSTALLED BY CONTRACTOR.

PENDANT

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60W A19

120

DECORATIVE PENDANT WITH ORNATE SHADE.

PENDANT

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60W A19

120

DECORATIVE PENDANT WITH ORNATE SHADE.

HELM627-B-N-SD-A268

<u>AY TYPE</u> RELAY-001-STD (Z-MAX RELAY CARD, 20A UP TO 277V) RELAY-002-2PL (Z-MAX RELAY CARD, 20A/2P UP TO 480V)

<u>IES:</u> ALL LIGHT FIXTURES TO BE PROVIDED AS SPECIFIED REFER TO ARCHITECT/OWNER FOR EXACT FINISH OF LITHONIA #LQMS1G120/277-ELN-A268 NO SUBSTITUTIONS.
ALL LIGHT FIXTURES.

HLRP1GC120/277-ELN-A268

UNIVERSAL

120/277

WHITE THERMOPLASTIC LED EXIT SIGN WITH 90 MIN. OF BATTERY BACK-UP.

UNIVERSAL

E

120/277

SINGLE FACE EDGE LIT LED EXIT SIGN W/GREEN LETTERING AND 90 MIN. OF BATTERY BACK-UP.

SURFACE

E

120

PROVIDE DRIVER "GE" LED #74601 COORDINATE QUANTITY OF DRIVERS REQUIRED W/ EACH LENGTH REQUIRED.

ELECTRICAL (FOR SHEET E1.1) GENERAL NOTES:

- REFER TO ARCHITECT/OWNER DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES.
- EACH CONDUIT SHALL BE LIMITED TO (3) CIRCUITS MAXIMUM.
 ALL LIGHTING BRANCH CIRCUIT CONDUITS SHALL CONTAIN A GROUND WIRE. USING THE CONDUIT SYSTEM AS THE ONLY GROUND PATH IS NOT ACCEPTABLE.

ISSUE

02/16/12 ISSUE FOR BID

ISSUED FOR PERMIT

- ELECTRICIAN OF RECORD, & BONDED PER DIVISION 0-"CONTRACT" SPECIFICATIONS, AND BE FAMILIAR & EXPERIENCED WITH SUCH WORK INDICATED HEREIN, & QUALIFIED BY MOST RECENT OSHA CERTIFICATION TO WORK ON ENERGIZED EQUIPMENT. REFER TO & COMPLY WITH OSHA 29CFR.1910 & 1926 ELECTRICAL SAFETY PORTIONS. CONSTRUCTION METHOD AND MEANS AND THEIR REQUIREMENTS. CONTRACTOR SHALL PROVIDE WORK WITHIN STANDARD OF CARE FOR PROFESSION.
- REFER TO THIS SHEET FOR LIGHT FIXTURE SCHEDULE.

 MOUNT ALL LIGHT SWITCHES AT +48" A.F.F. UNLESS OTHERWISE NOTED.

- ALL ELECTRICAL WORK INCLUDED IN THIS PROJECT SHALL MEET THE REQUIREMENTS OF THE $2011\,$ NATIONAL ELECTRICAL CODE (N.E.C.).

ELECTRICAL (FOR SHEET E1.1) 1) EMERGENCY EGRESS LIGHT OF FYISTING LIGHT KEYED NOTES:

- EMERGENCY EGRESS LIGHT FIXTURE IS TO BE CONNECTED TO UN-SWITCHED LEG OF EXISTING HOUSE EXTERIOR LIGHTING CIRCUIT. FIELD VERIFY EXISTING CONDITIONS.
- PROVIDE LEVITON #R08BD-108 Z-MAX RELAY CABINET. REFER TO DETAIL #2 ON THIS SHEET FOR MORE INFORMATION. PROVIDE LEVITON #00LVS-01W Z-MAX LOW-VOLTAGE 1-BUTTON MATER OVER-RIDE SWITCH STATION FOR ON/OFF CONTROL OF DINING LIGHTING. REFER TO DETAIL #2 ON THIS SHEET FOR MORE INFORMATION.
- PROVIDE "LEVITON" #0SSMT-MDT DUAL TECHNOLOGY WALL MOUNTED MOTION SENSOR FOR AUTOMATIC CONTROL OF LIGHTS IN THIS ROOM. COORDINATE WITH OWNER/ARCHITECT FOR TIME-OUT ON SENSOR.

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(3)

- PROVIDE "LEVITON" #MNI10-10W, INCANDESCENT MONET SLIDE DIMMER.
- DINING AREA LIGHTING HOMERUN TO PANEL $\underline{\mathsf{LL}}$ VIA RELAY PANEL $\underline{\mathsf{R}}.$ PROGRAM RELAY $\underline{\mathsf{R1}}$ ON THE FOLLOWING SCHEDULE: TURN ON VIA LOW-VOLTAGE SWITCH. TURN OFF VIA ASTRONOMICAL TIME CLOCK AT 1:00 AM. VERIFY THE SCHEDULING REQUIREMENTS WITH OWNER AND MAKE ADJUSTMENTS AS NECESSARY. LOW-VOLTAGE SWITCH SHALL OVERRIDE TIME CLOCK IN THE EVENT ACCESS TO LIGHTING IS REQUIRED DURING SCHEDULED TIME-OUT OF CIRCUIT. DINING AREA LIGHTING - HOMERUN TO PANEL <u>IL</u> VIA RELAY PANEL <u>R</u>. PROGRAM RELAY <u>R2</u> ON THE FOLLOWING SCHEDULE: TURN ON VIA LOW-VOLTAGE SWITCH. TURN OFF VIA ASTRONOMICAL TIME CLOCK AT 1:00 AM. VERIFY THE SCHEDULING REQUIREMENTS WITH OWNER AND MAKE ADJUSTMENTS AS NECESSARY. LOW-VOLTAGE SWITCH SHALL OVERRIDE TIME CLOCK IN THE EVENT ACCESS TO LIGHTING IS REQUIRED DURING SCHEDULED TIME-OUT OF CIRCUIT.

(7)

DINING AREA LIGHTING - HOMERUN TO PANEL $\underline{\mathbf{L}}$ VIA RELAY PANEL $\underline{\mathbf{R}}$. PROGRAM RELAY $\underline{\mathbf{R}}$ 3 ON THE FOLLOWING SCHEDULE: TURN ON VIA LOW-VOLTAGE SWITCH. TURN OFF VIA ASTRONOMICAL TIME CLOCK AT 1:00 AM. VERIFY THE SCHEDULING REQUIREMENTS WITH OWNER AND MAKE ADJUSTMENTS AS NECESSARY. LOW-VOLTAGE SWITCH SHALL OVERRIDE TIME CLOCK IN THE EVENT ACCESS TO LIGHTING IS REQUIRED DURING SCHEDULED TIME-OUT OF CIRCUIT.

HARREL

9575 Katy Frwy., #200 Houston, Texas 77024 tel: 713.722.7071 fax: 713.722.7072

(3)

DINING AREA LIGHTING - HOMERUN TO PANEL LL VIA RELAY PANEL R. PROGRAM RELAY R5 ON THE FOLLOWING SCHEDULE: TURN ON VIA LOW-VOLTAGE SWITCH. TURN OFF VIA ASTRONOMICAL TIME CLOCK AT 1:00 AM. VERIFY THE SCHEDULING REQUIREMENTS WITH OWNER AND MAKE ADJUSTMENTS AS NECESSARY. LOW-VOLTAGE SWITCH SHALL OVERRIDE TIME CLOCK IN THE EVENT ACCESS TO LIGHTING IS REQUIRED DURING SCHEDULED TIME-OUT OF CIRCUIT. DINING AREA LIGHTING - HOMERUN TO PANEL LL VIA RELAY PANEL R. PROGRAM RELAY R4 ON THE FOLLOWING SCHEDULE: TURN ON VIA LOW-VOLTAGE SWITCH. TURN OFF VIA ASTRONOMICAL TIME CLOCK AT 1:00 AM. VERIFY THE SCHEDULING REQUIREMENTS WITH OWNER AND MAKE ADJUSTMENTS AS NECESSARY. LOW-VOLTAGE SWITCH SHALL OVERRIDE TIME CLOCK IN THE EVENT ACCESS TO LIGHTING IS REQUIRED DURING SCHEDULED TIME-OUT OF CIRCUIT.

(a)

(e)

ELECTRICAL FLOOR PLAN - SCALE: 1/4" = 1'-0"

wy., Suite 850 '4 (713) 995-1351 mep.com 1 (832) 643-0368

PROJECT NAME

Maharaja Bhog

22

FOCAL POINT - I.D. ACCENT PINHOLE
TRIM: #D1-RO-PIN-W-CL
HOUSING: #FD4-MR-E1-RO-T-WR50
FOCAL POINT - I.D. WALL WASH
TRIM: #D1-RO-PIN-W-CL
HOUSING: #FD4-MR-E1-RO-T-WR50
FOCAL POINT - I.D. ACCENT PINHOLE
TRIM: #D1-RO-PIN-W-CL
HOUSING: #FD4-MR-E1-RO-T-WR50
CON-TECH "ORCHARD FIELD GLASS"
PENDANT: #RLMAC1596
SHADE: #OFG103-MANGO SUNSET

RECESSED

50W MR16 NARROW 10° BEAM

PENDANT

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3W LED

120

GRAVITY FIT LINE-VOLTAGE MONOPOINT PENDANT LIGHT WITH NARROW BEAM SPREAD LAMP.

LOW VOLTAGE RECESSED PINHOLE LIGHT WITH NARROW BEAM SPREAD LAMP. (ROUND)

RECESSED

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120

LOW VOLTAGE RECESSED WALL WASHER LIGHT WITH WIDE BEAM SPREAD LAMP. (ROUND)

50W MR16 WIDE 40° BEAM 50W MR16 WIDE 50° BEAM

120

WIDE BEAM SPREAD LAMP. (ROUND)

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RECESSED

TO BE SELECTED BY OWNER & PROVIDED AND INSTALLED BY CONTRACTOR

LITHONIA #2SRTG432FWA12125V120GEB10PS1/4LG-A268

MANUFACTURER AND CATALOG NUMBER

LIGHTI

NG FIXTURE

SCHEDULE

MOUNTING

RECESSED

F032XP/ 835/EC0 35K

120

2'x4', 4-LAMP FLUORESCENT LAY-IN WITH .125" THICK ACRYLIC LENS & ADDITIONAL LENS GASKETING.

LITHONIA #2SRTG432FWA12125V120GEB10PS1/4LG-EL14SD-A268

RECESSED

4

F032XP/ 835/EC0 35K

120

SAME AS TYPE "A" EXCEPT WITH EMERGENCY BATTERY PACK W/ 90 MIN. OF BACK-UP.

120

DECORATIVE WALL BRACKET

PROJECT ADDRESS 8338 Southwest Freeway Houston, Texas 77074

SHEET NAME **ELECTRICAL**

PROJECT NUMBER

LIGHTING PLAN