HT AFF	<u>SYMBOL</u>	<u>DESCRIPTION</u>	HT AFF	SYMBOL	DESCRIPTION	HT AFF	<u>SYMBOL</u>	DESCRIPTION
		<u>LIGHTING</u>			RECEPTACLES			WIRING
AS NOTED	HC D	SURFACE LIGHT (TYPE DENOTED)	16"	$\Theta$	SINGLE RECEPT.			CONDUIT CONCEALED IN WALL OR OVERHEAD
	Ø R	RECESSED LIGHT (TYPE DENOTED)	16"	$\bowtie$	DUPLEX RECEPT.			CONDUIT CONCEALED BELOW FLOOR
	○ G	SURFACE LIGHT (TYPE DENOTED)	16"	$\mapsto$	SPLIT DUPLEX RECEPT.			CONDUIT EXPOSED
P1 (•	• • P2	SUSPENDED OR PENDANT LIGHT (TYPE DENOTED)	16"	$\bowtie$	FOURPLEX RECEPT.		— SR —	SURFACE RACEWAY
	H	RECESSED LIGHT (TYPE DENOTED)	16"	$\bowtie$	240 VOLT RECEPT.			CONDUIT TRANSITION UP
	ST1	STRIP LIGHT (TYPE DENOTED)	6" *****	<del> </del>	DUPLEX RECEPT MTD ABOVE COUNTER			CONDUIT TRANSITION DOWN
96"	EM	EMERGENCY BATTERY LIGHT (TYPE DENOTED)		+	DUPLEX RECEPT MTD IN MILLWORK		7	CONDUIT STUBBED OUT
		EMERGENCY LIGHT - SINGLE REMOTE HEAD	36"	Ħ	DUPLEX RECEPT C/W WET LOCATION COVERPLATE		EX	EXISTING CONDUIT
	<b>*</b>	EMERGENCY LIGHT - DOUBLE REMOTE HEAD	36"	Ħ	DUPLEX RECEPT C/W INTEGRAL GFI			BRANCH CIRCUIT HOME RUN
	<b>**</b>	EMERGENCY LIGHT - TRIPLE REMOTE HEAD		₩	DUPLEX RECEPT NEMA 5-20R CONFIG		00	FLEXIBLE CONDUIT OR FIXTURE WHIP
12"*	H <b>€</b> E <b>€</b> E	EXIT SIGN (TYPE DENOTED)			<u>EQUIPMENT</u>			FIRE ALARM
AS NOTED	HR R	ROTATING BEACON	AS NOTED	$\Theta$ $\mathbb{O}$	JUNCTION BOX	72"**	FARP	FIRE ALARM RELAY PANEL
		LIGHTING CONTROL		$P_{B}$	PULL BOX	8"***	HO <sub>p</sub> O <sub>p</sub>	SMOKE DETECTOR (TYPE DENOTED)
47"	<del>K/)</del>	SINGLE POLE SW		<del>\</del>	AUTOMATIC DOOR OPERATOR PUSHBUTTON	47"***	r r HEp	F.A. PULLSTATION
47"	l <del>⇔</del> ²	2 POLE SINGLE THROW SW.	78"**		CIRCUIT BREAKER PANEL		—,	SECURITY
47"	l↔ <sup>os</sup>	OCCUPANCY SENSOR SWITCH	78"**		POWER OR DISTRIBUTION PANEL	47"	+(C) <sub>AV</sub>	INTERCOM - AUDIO/VISUAL
47"	H●	PUSH BUTTON	78"**		SPECIAL CABINET (TYPE DENOTED)		H● R	DURESS PUSHBUTTON - RECESSED
	O <sub>S</sub> ) IR	OCCUPANCY SENSOR - TYPE DENOTED		T1	TRANSFORMER (TYPE DENOTED)		H <sub>O</sub> 1	OCCUPANCY DOME LIGHT
	(L <sub>S</sub> ) A	LIGHT LEVEL SENSOR - TYPE DENOTED	47"	$\vdash \overline{\iota}$	THERMOSTAT - LINE VOLTAGE		<b>3</b> ,	DURESS ALERT STROBE LIGHT - 3 LAMP ZONE
	Ü				ELECTRICAL HEATER			
			PER SCHED	H1	BASEBOARD HEATER (TYPE DENOTED)			
					GENERAL ELECTRICAL			
				$\bowtie$	LIGHT SYMBOL INDICATES EXISTING			
				$\rightleftharpoons$	DASHED SYMBOL INDICATES REMOVED			
				#	KEYED NOTE (SEE SCHEDULE)			
				<u>#</u>	DEMOLITION NOTE (SEE SCHEDULE)			
				<b>##</b>	REVISION TAG			

			ELECTR	<b>ICA</b>	L ABBREV	/IAT	IONS LIST		
Р	1 POLE (2P, 3P, 4P, ETC.)	DET	DETAIL	HRV	HEAT RECOVERY VENTILATION	ОН	OVERHEAD	SWBD	SWITCHBOARD
		DIA	DIAMETER	HTG	HEATING	OL	OVERLOADS	SYM	SYMMETRICAL
	AMPERE	DISC	DISCONNECT	HTR	HEATER			SYS	SYSTEM
С	ABOVE COUNTER OR AIR	DIST	DISTRIBUTION	HVAC	HEATING, VENTILATING AND	PB	PULL BOX OR PUSHBUTTON		
	CONDITIONER	DN	DOWN		AIR CONDITIONING	PH	PHASE	TEL/DATA	TELEPHONE/DATA
CLG	ABOVE CEILING	DPR	DAMPER	HWP	HYDRONIC WATER PUMP	PNL	PANEL	TERM	TERMINAL
DO	AUTOMATIC DOOR OPENER	DW	DISHWASHER			PP	POWER POLE	TR	TAMPER RESISTANT
Fl	ARC FAULT CIRCUIT	DWG	DRAWING	J-BOX	JUNCTION BOX	PR	PAIR/PRINTER	T-STAT	THERMOSTAT
	INTERRUPTER					PVC	POLYVINYL CHLORIDE (CONDUIT)	TYP	TYPICAL
HU	AIR HANDLING UNIT	EC	ELECTRICAL CONTRACTOR	LOC	LOCATE OR LOCATION	PWR	POWER		
L	ALUMINUM	ELEC	ELECTRIC, ELECTRICAL	LT	LIGHT			UC	UNDER COUNTER
LT	ALTERNATE	EM	EMERGENCY	LTG	LIGHTING	QUAN	QUANTITY	UH	UNIT HEATER
MP	AMPERE	EMT	ELECTRICAL METALLIC TUBING					UTIL	UTILITY
MPL	AMPLIFIER	EQUIP	EQUIPMENT	MAX	MAXIMUM	R	RELOCATE(D)		
₩G	AMERICAN WIRE GAUGE	EXIST	EXISTING	MC	MECHANICAL CONTRACTOR	RCPT	RECEPTACLE	V	VOLT
		EXH	EXHAUST	MC	MICROWAVE	REQD	REQUIRED	VERT	VERTICAL
;	CONDUIT			MCB	MAIN CIRCUIT BREAKER	RM	ROOM	VOL	VOLUME
CAB	CABINET	FA	FIRE ALARM	MCC	MOTOR CONTROL CENTER	RMC	RIGID METAL CONDUIT		
CB	CIRCUIT BREAKER	FACP	FIRE ALARM CONTROL PANEL	MDC	MAIN DISTRIBUTION CENTER	RTU	ROOF TOP UNIT	W	WATT
CKT	CIRCUIT	FCU	FAN COIL UNIT	MDP	MAIN DISTRIBUTION PANEL			W/	WITH
CLG	CEILING	FIXT	FIXTURE	MEC	MECHANICAL CONTRACTOR	SC	SURFACE CONDUIT	WG	WIRE GUARD
CONN	CONNECTION	FLR	FLOOR	MFR	MANUFACTURER	SEC	SECONDARY	WH	WATER HEATER
CONST	CONSTRUCTION	FLUOR	FLUORESCENT	MIN	MINIMUM	SER	SERVICE ENTRANCE RATED	W/O	WITHOUT
CONTR	CONTRACTOR	FR	REFRIGERATOR	MISC	MISCELLANEOUS	SHT	SHEET	WP	WEATHERPROOF
P	CIRCULATING PUMP	FZ	FREEZER	MLO	MAIN LUGS ONLY	SIM	SIMILAR	WS	WASHER
TR	CENTER			MT	MOUNT	SPEC	SPECIFICATION		
CU	COPPER	GA	GAUGE	MT.C	EMPTY CONDUIT	SPKR	SPEAKER	_	ANGLE
C/W	COMPLETE WITH	GC	GENERAL CONTRACTOR	MTD	MOUNTED	SP	SPARE	@	AT
		GFI	GROUND FAULT CIRCUIT	MW	COORDINATED IN MILLWORK	SR	SURFACE RACEWAY	Ŏ	DELTA
			INTERRUPTER			S/S	STOP/START PUSHBUTTONS	7	FEET
		GND	GROUND	NEC	NATIONAL ELECTRICAL CODE	STA	STATION	"	INCHES
		GYP BD	GYPSUM BOARD	NEMA	NATIONAL ELECTRICAL	STD	STANDARD	#	NUMBER
		O.1. DD	5 55m 50/115	11-11//	MANUFACTURER'S	SU	SUMP PUMP	ø	PHASE
		HT	HEIGHT		ASSOCIATION	SURF	SURFACE MOUNTED	~ G	CENTER LINE
		111	HEIGHT	NIC	NOT IN CONTRACT	SW	SWITCH	<b>许</b>	PLATE
				NL NL	NIGHT LIGHT	011	JIII JII	'L	LOTTE
				NTS	NOT TO SCALE				

	ELECTRICAL DRAWINGS
SYMBC	DLS & ABBREVIATIONS
E0.1	ELECTRICAL SYMBOLS AND ABBREVIATIONS
POWER	R PLANS
E2.1	ELECTRICAL LAYOUTS ZONE 1 - LOUNGE AND KITCHEN
E2.2	ELECTRICAL LAYOUTS ZONE 2 - RECEPTION DESK
E2.3	ELECTRICAL LAYOUTS ZONE 4 - SPECIAL EVENTS ROOM
SCHED	ULES
E6.1	ELECTRICAL SCHEDULES

## **ELECTRICAL SYMBOL NOTES** MOTOR CONNECTIONS. THE MOTOR IS INDICATED BY A NUMBER WITHIN OR THE LIGHTING FIXTURE TYPE IS INDICATED BY UPPER CASE LETTERS AND NUMBERS. CHARACTERS ADJACENT TO THE MOTOR SYMBOL. SEE THE MOTOR AND EQUIPMENT THE CIRCUIT DESIGNATION IS INDICATED BY LETTERS AND NUMBERS SEPERATED BY DASH. SCHEDULE FOR THE MOTOR DESCRIPTION AND ELECTRICAL REQUIREMENTS. THE THE SWITCH DESIGNATION IS INDICATED BY A LOWER CASE LETTER. A-2,4,6 CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE 1: LIGHTING FIXTURE TYPE "FL01" IS CONNECTED TO PANEL A, CIRCUIT 12 EXAMPLE: MOTOR SF-1; 3 PHASE CONNECTION TO PANEL A, CIRCUITS 2, 4, 6. AND CONTROLLED BY SWITCH "b". ELECTRIC HEATER CONNECTIONS. THE HEATER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER "H". SEE THE HEATER SCHEDULE FOR EXAMPLE 2: THE FIXTURE TYPE SHOWN AS A NUMERATOR INDICATES ALL LIGHTING FIXTURES IN THE ROOM OR SPACE ARE THE SAME TYPE. THE CIRCUIT NUMBER AND ELECTRICAL REQUIREMENTS. THE CIRCUIT DESIGNATION IS INDICATED BY A SWITCH DESIGNATION SHOWN AS A DENOMINATOR INDICATES ALL LIGHTING FIXTURES IN NUMBER(S) ADJACENT TO THE HEATER. EXAMPLE: ELECTRIC BASEBOARD HEATER THE ROOM OR SPACE ARE CONNECTED TO THE SAME CIRCUIT, CONTROLLED BY THE SAME TYPE "H10" CONNECTED TO PANEL A, CIRCUITS 7, 9. SWITCHES, CENTER/OUTBOARD MULTILEVEL SWITCHING. TRANSFORMERS. THE TRANSFORMER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER "T". SEE THE TRANSFORMER SCHEDULE OR THE SINGLE LINE EXIT LIGHTS. STEM INDICATES WALL MOUNTING. NO STEM INDICATES CEILING MOUNTING. DIAGRAM FOR THE TRANSFORMER DESCRIPTION AND REQUIREMENTS. EXAMPLE: SHADED AREA INDICATES ILLUMINATED FACE(S). ARROW INDICATES DIRECTIONAL ARROW TRANSFORMER TYPE "T1". ON ILLUMINATED FACE(S). THE SIGNAGE TYPE IS INDICATED BY UPPER CASE LETTERS AND NUMBERS PRECEDING THE "/". THE ASSOCIATED BATTERY BANK IS INDICATED BY PANELBOARDS. PANELBOARD DOORS MAY BE SHOWN TO INDICATE OPENING SIDE OF UPPERCASE LETTERS AND NUMBERS FOLLOWING THE "/". THE AC CIRCUIT DESIGNATION IS RECESSED PANELBOARDS. SEE PANELBOARD IDENTIFICATION FOR DESIGNATION INDICATED BY A NUMBER. EXAMPLE: THE WALL MOUNTED EXIT LIGHT TYPE "EX1" WITH SINGLE FACE AND DIRECTIONAL ARROW IS CONNECTED TO BATTERY BANK "BU1" AND AC KEYNOTE. SEE THE KEYED NOTES ON THAT SHEET FOR THE NOTE NUMBER CIRCUIT 14 FROM PANEL A . DEVICES. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER. THE SWITCH CONDUIT SHOWN WITHOUT SLASH MARKS SHALL CONTAIN 2 # 12 CONDUCTORS IN 3/4" DESIGNATION IS INDICATED BY A LOWER CASE LETTER. EXAMPLE: SPLIT DUPLEX CONDUIT UNLESS SPECIFIC EQUIPMENT REQUIRES A DIFFERENT SIZE. RECEPTACLE IS CONNECTED TO PANEL A, CIRCUIT 16 AND ONE RECEPTACLE OUTLET IS CONDUIT SHOWN WITH SLASH MARKS SHALL CONTAIN 1 # 12 CONDUCTOR PER SLASH CONTROLLED BY SWITCH "c". MARK IN 3/4" CONDUIT UNLESS A CONDUCTOR AND CONDUIT SIZE IS SHOWN ADJACENT THE CONTROL DEVICE DESIGNATION IS INDICATED BY A LOWER CASE LETTER. EXAMPLE: TO THE SLASH MARKS. SLASH MARK INDICATORS ARE: SHORT STRAIGHT=PHASE SINGLE POLE SWITCH "d" TO CONTROL LIGHTING FIXTURES INDICATED BY "d". \* CONDUCTOR, LONG STRAIGHT=NEUTRAL CONDUCTOR, SHORT BENT ENDED=SWITCH LEGS, LONG STRAIGHT WITH A DOT=GROUND CONDUCTOR, CHEVRON=CATEGORY 6, WALL BOX DIMMER WITH SIZE AS INDICATED AT DEVICE. EXAMPLE: 600 WATT WALL BOX HALF CHEVRON=CATEGORY 3, TWIST=SHIELDED TWISTED PAIR, CONCENTRIC CIRCLE DIMMER TO CONTROL LIGHTING FIXTURES INDICATED BY "e". SEE SPECIFICATIONS FOR AND DOT=COAX CABLE. WATTAGE IF NOT INDICATED. HOME RUN TO BRANCH CIRCUIT PANELBOARD. THE PANELBOARD DESIGNATION IS SPECIAL CONNECTIONS. THE EQUIPMENT IS INDICATED BY A NUMBER IN A CIRCLE. SEE SHOWN ADJACENT TO THE HOME RUN ARROW AS A NUMERATOR AND THE CIRCUIT 1)--THE MOTOR AND EQUIPMENT SCHEDULE FOR THE LOAD DESCRIPTION AND TYPE OF DESIGNATION IS SHOWN AS THE DENOMINATOR. CIRCUIT BREAKER SIZES CONNECTION. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO (AMPS/NUMBER OF POLES) ARE SHOWN IN THE PANELBOARD SCHEDULE WITH THE THE SYMBOL. EXAMPLE: EQUIPMENT NO. 1; 3 PHASE CONNECTION TO PANEL A, CORRESPONDING PANELBOARD AND CIRCUIT DESIGNATION. EXAMPLE: HOME RUN TO CIRCUITS 1, 3, 5. PANELBOARD LPN-102; CIRCUITS 1, 3, 5.

## **GENERAL ELECTRICAL NOTES**

- THE GENERAL NOTES AS DESCRIBED HEREIN, APPLY TO ALL DRAWINGS IN THIS PACKAGE WHERE APPLICABLE.
  PENETRATIONS IN WALLS OR SEPERATIONS, REQUIRING PROTECTED
- OPENINGS SHALL BE FIRESTOPPED WITH AN APPROVED MATERIAL. EXPOSED WIRING SHALL NOT BE PERMITTED. WIRING SHALL BE RECESSED IN WALL, OR WHERE WALLS ARE NOT ACCESSIBLE DUE TO WALL CONSTRUCTION (CONCRETE BLOCK, CONCRETE, BRICK,
- ETC). PROVIDE CONDUIT AS REQUIRED TO CONCEAL SAME. REFER TO ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND DETAILS, INCLUDING MILLWORK DETAILS AND SHOP DRAWINGS FOR COORDINATION OF ELECTRICAL DEVICE LOCATIONS, METHOD OF INSTALLATION & MOUNTING HEIGHTS. ARCHITECTURAL FLOOR
- PLANS, ELEVATIONS AND DETAILS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON ELECTRICAL DRAWINGS. UNLESS NOTED OTHERWISE, THE CIRCUITING INDICATED ON THE DRAWINGS IS REPRESENTATIONAL ONLY. CONFIRM CIRCUITING REQUIREMENTS ON SITE
- CIRCUIT NUMBERS AT DEVICES CORRESPOND TO PANELBOARD BREAKERS (SEE PANELBOARD SCHEDULE), BRANCH CIRCUITS SHALL BE SIZED ACCORDING TO THE CIRCUIT BREAKER RATING AND VOLTAGE DROP REQUIREMENTS, UNLESS INDICATED OTHERWISE ON THE ELECTRICAL EQUIPMENT SCHEDULE MINIMUM CONDUIT SIZE SHALL BE 21mm (3/4") UNLESS NOTED
- CONDUIT AND WIRE SHALL NOT BE INSTALLED BELOW FLOOR SLAB UNLESS INDICATED ON PLAN BY DASHED CONDUIT/LINE. EMPTY CONDUIT SHALL BE C/W PULL WIRE AND PLASTIC BUSHINGS. ALL CONDUCTORS OPERATING AT 50 VOLTS OR GREATER SHALL BE IN RACEWAY. ALL RACEWAY WITHIN THE STRUCTURE ABOVE THE FLOOR SLAB SHALL BE METAL. RACEWAY BELOW THE FLOOR SLAB
- AND UNDERGROUND RACEWAY OUTSIDE THE STRUCTURE SHALL BE ALL RECESSED LIGHTING FIXTURES IN LAY-IN CEILINGS SHALL BE INSTALLED WITH 6' LONG FLEXIBLE METAL CONDUIT.
  WHERE CONNECTED TO A 20A. BRANCH CIRCUIT SUPPLYING AN
- INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A. CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING ALL ELECTRICAL
- ITEMS SHOWN ON THE DRAWINGS, INCLUDING THE FOLLOWING, UNLESS NOTED OTHERWISE: DATA OUTLETS, FIRE ALARM DEVICES SHALL CONSIST OF A BACK BOX WITH CONDUIT STUBBED ABOVE THE ACCESSIBLE CEILING, SEE STUB UP DETAIL. VERIFY SIZE OF BACK BOX REQUIRED WITH DEVICE
- TO BE INSTALLED. LOCATE BACK BOXES 6" FROM ADJACENT POWER RECEPTACLE INTENDED FOR COMPUTER USE. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASES OF DEMOLITION AND CONSTRUCTION. COORDINATE WITH
- GENERAL CONSTRUCTION. AS INDICATED IN THE GENERAL NOTES, DEMOLITION NOTES, AND KEYNOTES IN THIS DRAWING PACKAGE, UNLESS NOTED OTHERWISE, THE TERM "DEMOLISH" SHALL INCLUDE THE COMPLETE REMOVAL OF THE EXISTING ITEM IDENTIFIED. C/W ASSOCIATED WIRING, CONDUIT AND JUNCTION BOXES BACK TO LAST REMAINING DEVICE OR SOURCE. CIRCUITS FREED UP FROM DEMOLISHED
- ELECTRICAL, SHALL BECOME SPARE. REFER TO THE RENOVATION DRAWING KEY NOTES FOR FURTHER REQUIREMENTS. AS INDICATED IN THE GENERAL NOTES, DEMOLITION NOTES, AND KEYNOTES IN THIS DRAWING PACKAGE, UNLESS NOTED OTHERWISE, THE TERM "REMOVE & REPLACE" SHALL INCLUDE THE COMPLETE REMOVAL & REPLACEMENT OF THE EXISTING ITEM IDENTIFIED IN ITS CURRENT LOCATION, WITH A NEW ITEM, UTILIZING THE EXISTING OUTLET BOX AND WIRING. REFER TO THE RENOVATION
- DRAWING KEY NOTES FOR FURTHER REQUIREMENTS. SITE CONFIRM ANY ELECTRICAL WITHIN AREAS OF RENOVATION REQUIRING RELOCATION TO ACCOMMODATE THE RENOVATION. PROVIDE WIRE AND CONDUIT AS REQUIRED FOR CONTINUITY OF ANY FEEDERS OR BRANCH CIRCUITS ORIGINATING OUTSIDE THE
- DEMOLITION AREA THAT SERVES ANY ELECTRICAL EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED. PROVIDE CONDUIT AND/OR COMMUNICATIONS/DATA WIRING AS NECESSARY FOR CONTINUITY OF ANY COMMUNICATIONS/DATA SYSTEMS ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY COMMUNICATIONS/DATA EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.
- OPFNINGS DEMOLISH ALL ELECTRICAL DEVICES IN WALLS TO BE DEMOLISHED. WALLS TO BE DEMOLISHED ARE SHOWN DASHED. DISCONNEC AND REMOVE ASSOCIATED. ALL NEW WIRING SHALL BE CONCEALED WHERE POSSIBLE. UTILIZE

PROVIDE BLANK COVERPLATES OVER ALL EXISTING UNUSED

WIRING AS REQUIRED AND FISH INTO WALLS/MILLWORK. WHERE EXISTING WALLS ARE TO BE OPENED FOR INSTALLATION OF NEW WIRING. COORDINATE WITH GENERAL CONTRACTOR ROUTING OF SAME. ARRANGE AND PAY FOR ALL CUTTING/REPAIR/PATCHING

CRAWLSPACE AND/OR ACCESSIBLE CEILING SPACE TO RUN NEW

- AS REQUIRED. WHERE BRANCH CIRCUIT BREAKERS ARE REMOVED, PROVIDE FILLER PLATES FOR BREAKER SPACES.
- CIRCUIT BREAKERS SHALL MATCH EXISTING. CONFIRM SHORT CIRCUIT RATING AND TYPE ON SITE, PRIOR TO FINALIZING PRICING. UTILIZE SPARE/FREED UP CIRCUITS FROM DEMOLITION AS REQUIRED TO ACCOMODATE THE ADDITIONAL CIRCUITING REQUIREMENTS IN THE RENOVATION
- PROVIDE NEW TYPEWRITTEN PANEL DIRECTORIES TO ACCOMMODATE UPDATED CIRCUITING. NEW BREAKERS IN DISTRIBUTION PANELS SHALL BE LABELLED USING LAMACOIDS.

## SPECIFIC CODE NOTES

SYMBOL NOTATIONS: UPPER CASE LETTERS ADJACENT TO SYMBOLS INDICATE A UNIT

TYPE. SEE APPROPRIATE SCHEDULE OR SPECIFICATIONS.

## FIRE PROTECTION REQUIREMENTS

- A. PENETRATIONS IN WALLS REQUIRING PROTECTED OPENINGS MUST BE FIRESTOPPED WITH
- AN APPROVED MATERIAL. CONDUITS MAY PENETRATE WALLS OR PARTITIONS, PROVIDED THEY ARE FIRE-STOPPED.
- 2. OPENINGS FOR STEEL ELECTRICAL BOXES NOT EXCEEDING 16 SQUARE INCHES ARE PERMITTED PROVIDED OPENINGS DO NOT AGGREGATE MORE THAN 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF WALL OR PARTITION.
- 3. OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES.
- B. LIGHT FIXTURES AND OTHER APPARATUS INSTALLED IN AN ACOUSTICAL CEILING GRID SHALL BE INDEPENDENTLY SUPPORTED.
- RECESSED LIGHTING FIXTURES INSTALLED IN FIRE RATED CEILING ASSEMBLIES SHALL BE FIRE RATED FIXTURES BEARING THE ULC FIRE RATED LABEL. FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE ULC FIRE RESISTANCE DIRECTORY, AND SHALL INCLUDE A FIRE RATED ENCLOSURE INSTALLED OVER THE FIXTURE THAT MEETS THE REQUIREMENTS OF THE ULC FIRE RESISTANCE DIRECTORY.

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BID OPPORTUNITY 1034-2015 PAN AM POOL INTERIOR RENOVATION

25 POSEIDON BAY

**ELECTRICAL SYMBOLS AND ABBREVIATIONS** 

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