IBPS TEMPLE

6688 Franktown Road, Richmond, Ontario



SHEET No. SHEET NAME SCALE

E-001 COVER & DRAWING LIST - ELECTRICAL
E-002 ELECTRICAL LEGENDS

E-101 SITE PLAN - ELECTRICAL

47 Clarence Street, Suite 401
Ottawa, Ontario K1N 9K1
t: 613-241-8203 f: 613-241-4180
info@grcarchitects.com_www.grcarchitects.com

consultant



IBPS TEMPLE

address

COVER & DRAWING
LIST - ELECTRICAL

DO NOT SCALE FROM THIS DRAWING
 CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES
 THIS DRAWING TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWINGS: STRUCTURAL, MECHANICAL, ELECTRICAL

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SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FLUSH MOUNTED SINGLE TUB PANEL. RATING AS NOTED ON SINGLE LINE/PANEL SCHEDULE	©	CONTACTOR
7///33///.	FLUSH MOUNTED DOUBLE TUB PANEL. RATING AS NOTED ON SINGLE LINE/PANEL SCHEDULE	Ŧ	GROUND ROD WITH INSPECTION PIT
	SURFACE MOUNTED SINGLE TUB PANEL. RATING AS NOTED ON SINGLE LINE/PANEL SCHEDULE	T	THERMOSTAT - 16mm (1/2") CONDUIT TO ACCESSIBLE CEILING SPACE
	SURFACE MOUNTED DOUBLE TUB PANEL. RATING AS NOTED ON SINGLE LINE/PANEL SCHEDULE	JB	JUNCTION BOX (SIZE SPECIFIED ON DRAWING)
	TRANSFORMER (SIZE NOTED ON SINGLE LINE DIAGRAM)		ELECTRIC UNIT HEATER
	DISCONNECT		ELECTRIC BASEBOARD HEATER. 'X' DENOTES TYPE. REFER TO BASEBOARD HEATER SCHEDULE
	COMBINATION MANUAL STARTER WITH INTEGRAL DISCONNECT	∇	GROUND BAR
	COMBINATION STARTER WITH INTEGRAL DISCONNECT	HD	HAND DRYER HARD WIRED CONNECTION
(A)	DIRECT CONNECTION	M	METER
	DIRECT CONNECTION C/W DISCONNECT	R	RELAY
	MOTOR AND DISCONNECT	РВ	PULL BOX
	MOTOR AND RELAY DISCONNECT	•	GROUND BUS
	MOTOR AND COMBINATION STARTER WITH INTEGRAL DISCONNECT	1>	DENOTES RECEPTACLE TYPE. REFER TO RECEPTACLE SCHEDULE
	VARIABLE FREQUENCY DRIVE AND VFD CABLE CONNECTION TO MOTOR. LINE AND LOAD SIDE WIRING OF HARMONIC FILTER		UTILITY METERING CABINET
HF VFD	AND VFD BY ELECTRICAL CONTRACTOR. MOTOR, VFD AND HARMONIC FILTER SUPPLIED BY MECHANICAL DIVISION.	0	DOOR BELL / CHIME
VFD.	VARIABLE FREQUENCY DRIVE. LINE AND LOAD SIDE WIRING OF HARMONIC FILTER AND VFD BY ELECTRICAL CONTRACTOR,	\bigoplus	CLOCK WALL MOUNTED
(VI D)	LOAD SIDE WIRING OF VFD TO BE VFD CABLE. VFD AND HARMONIC FILTER SUPPLIED BY MECHANICAL DIVISION	Θ	CLOCK CEILING MOUNTED
[HF]	HARMONIC FILTER (SUPPLIED BY MECHANICAL CONTRACTOR UNLESS NOTED	•	PUSH BUTTON
	OTHERWISE) LINE AND LOAD SIDE WIRING OF HARMONIC FILTER BY ELECTRICAL CONTRACTOR		SOLAR PANEL

NOTE: NOT ALL SYMBOLS APPLY, REFER TO DRAWIN	GS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ISOLATION TRANSFORMER - DELTA-WYE UNLESS OTHERWISE NOTED.		AUTO-TRANSFORMER
—————————————————————————————————————		<u> </u>	BATTERY
	ISOLATION TRANSFORMER WITH ELECTROSTATIC SHIELD - DELTA-WYE	-C-	CONTACTOR
	UNLESS OTHERWISE NOTED.	⊱	CURRENT TRANSFORMER
	MOLDED CASE CIRCUIT BREAKER, SIZE AS SHOWN.	8_	CURRENT TRANSFORMER (Z.S DENOTES ZERO SEQUENCE)
	LOW VOLTAGE, DRAW-OUT CIRCUIT BREAKER, TRIP PLUG AND FRAME SIZE AS SHOWN.	DSP	GROUND FAULT ALARM RELAY
~	DRAW-OUT VACUUM CIRCUIT BREAKER, PROTECTIVE RELAY FUNCTIONS AND FRAME SIZE AS SHOWN.	DMS	IP BASED POWER QUALITY DIGITAL METER. PROVIDE 21mm(3/4") CONDUIT TO NEAREST TELECOM ROOM.
-	FUSIBLE LOAD BREAK ISOLATION SWITCH. VOLTAGE, FUSE AND FRAME SIZE AS SHOWN.	<u>Q</u> -	EMERGENCY GENERATOR
	FUSE	Ţ	GROUND CONNECTION POINT
——————————————————————————————————————	INSULATED CASE CIRCUIT BREAKER	[GF]	ELECTRONIC TRIP SETTING CONTROL (GROUND FAULT)
	INTEGRAL BREAKER AND STARTER UNIT, BREAKER AND FRAME SIZE AS SHOWN	Ō	GROUND LOOP
	INTEGRAL SWITCH AND FUSE UNIT, FUSE AND FRAME SIZE AS SHOWN	HRG	HIGH RESISTANCE GROUND FAULT SYSTEM
- O-	LOAD BREAK ISOLATION SWITCH. VOLTAGE AND FRAME SIZE AS SHOWN.	~ ⊶Iı	LIGHTNING SURGE ARRESTOR
	AUTOMATIC TRANSFER SWITCH WITH BY- PASS		LOAD BANK
	AUTOMATIC TRANSFER SWITCH WITHOUT	(M)	METERING SOCKET
	BY-PASS	⊕△	METERING CABINET
	FIRE PUMP AUTOMATIC TRANSFER SWITCH AND STARTER UNIT (BY OTHERS)	EM	DIGITAL ELECTRONIC METER
	MANUAL TRANSFER SWITCH OR DOUBLE	A	AMMETER
	THROW SWITCH		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO DRAWINGS

DESCRIPTION	SYMBOL	DESCRIPTION
SURGE PROTECTION DEVICE	®———®	KEY INTERLOCK SYSTEM - ONE KEY
POTENTIAL TRANSFORMER	(K) (K)	KEY INTERLOCK SYSTEM - N LOCKS, N-1 KEYS UNLESS NOTED OTHERWISE
ZERO SEQUENCE CURRENT TRANSFORMER	Ē Ē	ELECTRONIC INTERLOCK SYSTEM - N LOCKS
UPS DIODE	†	MEDIUM VOLTAGE CABLE TERMINATION POINT WITH STRESS CONE
VOLTAGE INDICATOR	TR	ELECTRONIC TRANSFORMER TEMPERATURE RELAY
DENOTED CONNECT ' ED ' LOAD APPLIED TO DESIGNATED APPARATUS.	PM	POWER METER
AUTOMATIC POWER FACTOR CORRECTION CAPACITOR SYSTEM, SIZE AS SHOWN. COMPLETE WITH TUNED INPUT FILTER.	DTU	DIGITAL TRIP UNIT WITH METERING FUNCTION
HIGH RESISTANCE GROUNDING RESISTOR - MAXIMUM CONTINUOUS AMPS AS SHOWN	S T	SHUNT TRIP
RELAY FUNCTION NUMBER	[GW]	IP BASED GATEWAY FOR POWER MONITORING
ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT)		
ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT, INSTANTANEOUS)		
ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT, INSTANTANEOUS, GROUND FAULT)		
	_	
	SURGE PROTECTION DEVICE POTENTIAL TRANSFORMER ZERO SEQUENCE CURRENT TRANSFORMER UPS DIODE VOLTAGE INDICATOR DENOTED CONNECT ' ED ' LOAD APPLIED TO DESIGNATED APPARATUS. AUTOMATIC POWER FACTOR CORRECTION CAPACITOR SYSTEM, SIZE AS SHOWN. COMPLETE WITH TUNED INPUT FILTER. HIGH RESISTANCE GROUNDING RESISTOR - MAXIMUM CONTINUOUS AMPS AS SHOWN RELAY FUNCTION NUMBER ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT, INSTANTANEOUS) ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT, INSTANTANEOUS, GROUND	SURGE PROTECTION DEVICE POTENTIAL TRANSFORMER ZERO SEQUENCE CURRENT TRANSFORMER UPS DIODE VOLTAGE INDICATOR DENOTED CONNECT'ED'LOAD APPLIED TO DESIGNATED APPARATUS. AUTOMATIC POWER FACTOR CORRECTION CAPACITOR SYSTEM, SIZE AS SHOWN. COMPLETE WITH TUNED INPUT FILTER. HIGH RESISTANCE GROUNDING RESISTOR - MAXIMUM CONTINUOUS AMPS AS SHOWN RELAY FUNCTION NUMBER ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT) ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT, INSTANTANEOUS) ELECTRONIC TRIP SETTING CONTROL (LONG, SHORT, INSTANTANEOUS, GROUND

OTE: NOT ALL SYMBOLS APPLY, REFER TO DRAWINGS	

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SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CEILING MOUNTED LINEAR LUMINAIRE. DIMENSIONS AS SHOWN. REFER TO SCHEDULE FOR TYPE		CEILING MOUNTED WALL WASHER LUMINAIRE. ILLUMINATION DIRECTION DENOTED BY HATCHED SIDE
<i>/////////////////////////////////////</i>	DENOTES FIXTURE ON EMERGENCY/NIGHT LIGHT CIRCUIT.	$\nabla\nabla\nabla$	CEILING MOUNTED TRACK LIGHTING C/W NUMBER OF FIXTURES
	WALL MOUNTED LINEAR LUMINAIRE. DIMENSIONS AS SHOWN. REFER TO SCHEDULE FOR TYPE	ф·	WALL MOUNTED LUMINAIRE
	EXISTING LUMINAIRE TO BE REMOVED	-	PENDANT FIXTURE
	EXISTING LUMINAIRE TO REMAIN		CEILING MOUNTED LUMINAIRE
00000	CEILING MOUNTED LUMINAIRE WITH GIMBALLED HEADS. REFER TO SCHEDULE FOR TYPE AND NUMBER OF HEADS	\Box	FLOOR MOUNTED LUMINAIRE
早	VERTICAL WALL MOUNTED FLUORESCENT LUMINAIRE	<u>-</u> ф	BOLLARD LUMINAIRE
	CONTINUOUS STRIP LIGHT. REFER TO SCHEDULE FOR FIXTURE TYPE	•—	POLE MOUNTED LUMINAIRE. NUMBER OF HEADS SHOWN. REFER TO SCHEDULE FOR FIXTURE AND POLE TYPE
•	RECESSED CEILING MOUNTED REMOTE ADJUSTABLE LUMINAIRE CONNECTED TO EMERGENCY LIGHTING BATTERY UNIT.	B PA	EMERGENCY LIGHTING BATTERY UNIT C/W NUMBER OF HEADS SHOWN COMPLETED W/ DIRECT CONNECTION OR RECEPTACLE
1	WALL MOUNTED EMERGENCY SINGLE REMOTE HEAD	ВФ	EMERGENCY LIGHTING BATTERY UNIT
₹ 2	WALL MOUNTED EMERGENCY DOUBLE REMOTE HEAD	₹	EMERGENCY LIGHTING BATTERY + EXIT LIGHT COMBINATION UNIT C/W NUMBER OF HEADS SHOWN
↑	CEILING MOUNTED EMERGENCY SINGLE REMOTE HEAD		EXIT LIGHT CEILING MOUNTED C/W FACES AND ARROWS AS INDICATED
<> >	CEILING MOUNTED EMERGENCY DOUBLE REMOTE HEAD	$\overline{\triangleright}$	EXIT LIGHT WALL MOUNTED C/W FACES AND ARROWS AS INDICATED

NOTE: NOT ALL SYMBOLS APPLY, REFER TO DRAWINGS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
\$	SINGLE POLE LINE VOLTAGE LIGHT SWITCH	PC	CEILING MOUNTED PHOTO CELL SWITCH
<u>\$</u>	2 GANG - LINE VOLTAGE LIGHT SWITCH	PC	WALL MOUNTED PHOTO CELL SWITCH
<u> </u>	3 GANG - LINE VOLTAGE LIGHT SWITCH	(DL)	DAY LIGHT PHOTO SENSOR
<u> </u>	4 GANG - LINE VOLTAGE LIGHT SWITCH		TIME SWITCH
<u></u> \$3	3 WAY - LINE VOLTAGE LIGHT SWITCH	©S ^{'X'}	CEILING MOUNTED OCCUPANCY SENSOR. TYPE DENOTED BY 'X'. REFER TO OCCUPANCY SENSOR SCHEDULE
<u>\$</u> 4	4 WAY - LINE VOLTAGE LIGHT SWITCH	OS ^{'X'}	WALL MOUNTED OCCUPANCY SENSOR. TYPE DENOTED BY ' X '. REFER TO OCCUPANCY SENSOR SCHEDULE
\$ ^{LV}	LOW VOLTAGE LIGHT SWITCH	LC	LIGHTING CONTROL PANEL
	KEY OPERATED LINE VOLTAGE SWITCH	RS	REMOTE STATION WITH PRESET SCENE SELECTION BUTTON
 \$ ^{MS}	MASTER SWITCH	[R]	PARTITION POSITION INFRARED SENSOR FOR LIGHTING CONTROL
 \$ ^{AO}	ALL-OFF SWITCH	ALC	AREA LIGHTING CONTROL MODULE
<u> </u>	SINGLE POLE 347V SWITCH	ARC	LIGHTING AREA/ROOM CONTROLLER
Φ	DIMMER TYPE TO SUIT LOAD		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO DRAWINGS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
φ	WALL MOUNTED DUPLEX RECEPTACLE 120V, 15 AMP, CSA 5-15R	•	WALL MOUNTED SIMPLEX RECEPTACLE 250V, 50 AMP, CSA 14-50R
Ø	WALL MOUNTED ABOVE COUNTER DUPLEX RECEPTACLE 120V, 15 AMP, CSA 5-15R	⊕√	WALL MOUNTED COMBINATION COMMUNICATION / QUADPLEX
•	WALL MOUNTED DUPLEX RECEPTACLE 120V, 20 AMP, CSA 5-20R (T-SLOT)	п 🗸	RECEPTACLE 120V, 15 AMP, CSA 5-15R. REFER TO CORRESPONDING DETAIL
#	WALL MOUNTED ABOVE COUNTER DUPLEX RECEPTACLE 120V, 20 AMP, CSA 5-20R (T-SLOT)		FLOOR OR CEILING MOUNTED (AS SHOWN) COMBINATION COMMUNICATION / QUADPLEX RECEPTACLE 120V, 15 AMP,
P	WALL MOUNTED DUPLEX RECEPTACLE 120V, 15 AMP, CSA 5-15R, DEDICATED CIRCUIT		CSA 5-15R. REFER TO CORRESPONDING DETAIL
•	WALL MOUNTED DUPLEX RECEPTACLE 120V, 20 AMP, CSA 5-20R, DEDICATED CIRCUIT		FLOOR POKE THROUGH COMBINATION COMMUNICATION / QUADPLEX
Φ	WALL MOUNTED SPLIT SWITCH CONTROLLED DUPLEX RECEPTACLE 120V, 15 AMP, CSA 5-15R	W	RECEPTACLE 120V, 15 AMP, CSA 5-15R. REFER TO CORRESPONDING DETAIL
₩	WALL MOUNTED DUPLEX GROUND FAULT RECEPTACLE 120V, 15 AMP, CSA 5-15R	(D <u>></u>	WALL MOUNTED COMBINATION COMMUNICATION / DUPLEX RECEPTACLE
Ħ	WALL MOUNTED ABOVE COUNTER DUPLEX GROUND FAULT RECEPTACLE 120V, 15 AMP, CSA 5-15R	$\Phi oldsymbol{\Lambda}$	120V, 15 AMP, CSA 5-15R. REFER TO CORRESPONDING DETAIL
•	WALL MOUNTED DUPLEX GROUND FAULT RECEPTACLE 120V, 20 AMP, CSA 5-20R		FLOOR OR CEILING MOUNTED (AS SHOWN) COMBINATION COMMUNICATION / DUPLEX
A	WALL MOUNTED ABOVE COUNTER DUPLEX GROUND FAULT RECEPTACLE 120V, 20 AMP, CSA 5-20R	$\boxed{\Diamond \mathbf{V}}$	RECEPTACLE 120V, 15 AMP, CSA 5-15R. REFER TO CORRESPONDING DETAIL
#	WALL MOUNTED QUADPLEX RECEPTACLE 120V, 15 AMP, CSA 5-15R		FLOOR POKE THROUGH COMBINATION COMMUNICATION / DUPLEX RECEPTACLE
#	WALL MOUNTED ABOVE COUNTER QUADPLEX RECEPTACLE 120V, 15 AMP, CSA 5-15R	₩•	120V, 15 AMP, CSA 5-15R. REFER TO CORRESPONDING DETAIL
Φ	WALL MOUNTED DUPLEX RECEPTACLE 120V, 15 AMP, 2 POLE, SPLIT CIRCUIT	15A 20A	CEILING MOUNTED DUPLEX RECEPTACLE 120V, 15 AMP / 20 AMP, CSA 5-15R
A	WALL MOUNTED ABOVE COUNTER DUPLEX RECEPTACLE 120V, 15 AMP, 2 POLE, SPLIT CIRCUIT	Ф	CEILING MOUNTED SIMPLEX RECEPTACLE 120V, 15 AMP, CSA 5-15R
Ф	WALL MOUNTED SIMPLEX RECEPTACLE 250V, 15 AMP, 3 PHASE, CSA 15-15R	15A 20A ⊕ ⊕	CEILING MOUNTED QUADPLEX RECEPTACLE 120V, 15 AMP / 20 AMP, CSA 5-15R
φ	SPECIAL RECEPTACLE. TYPE AND DETAILS AS NOTED ON DRAWING		FLOOR MOUNTED DUPLEX RECEPTACLE 120V, 15 AMP, CSA 5-15R
Ø	WALL MOUNTED ABOVE COUNTER SIMPLEX RECEPTACLE 120V, 15 AMP, CSA 5-15R		FLOOR MOUNTED QUADPLEX RECEPTACLE 120V, 15 AMP, CSA 5-15R
•	WALL MOUNTED SIMPLEX RECEPTACLE 120V, 20 AMP, CSA 5-20R	Φ Φ Φ	RACEWAY RECEPTACLE, TYPE AS SPECIFIED C/W QUANTITY OF DEVICES INDICATED
•	WALL MOUNTED SIMPLEX RECEPTACLE 250V, 30 AMP, CSA 14-30R	⊕■⊕	SERVICE POLE, TYPE AS SPECIFIED C/W QUANTITY OF DEVICES INDICATED
φ	WALL MOUNTED SIMPLEX RECEPTACLE 120V, 30 AMP, CSA 5-30R		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO DRAWINGS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
4	WALL MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION	EPS 🔻	WALL MOUNTED VOICE OUTLET FOR EMERGENCY PHONE STATION. CABLE TYPE AS PER SPECIFICATION
₩	WALL MOUNTED ABOVE COUNTER VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION	EPS	WALL MOUNTED ABOVE COUNTER VOICE OUTLET FOR EMERGENCY PHONE STATION CABLE TYPE AS PER SPECIFICATION
▼	WALL MOUNTED VOICE OUTLET(S). CABLE TYPE AS PER SPECIFICATION	IC	COMMUNICATIONS INTERCOM
*	WALL MOUNTED ABOVE COUNTER VOICE OUTLET(S). CABLE TYPE AS PER SPECIFICATION	•4	SERVICE POLE MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION
∇	WALL MOUNTED DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION		RACEWAY MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION
abla	WALL MOUNTED ABOVE COUNTER DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION		COAXIAL CATV OUTLET
V	FLOOR MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION	—J—J—J—	MAIN CABLE SUPPORT ROUTE FOR COMMUNICATIONS CABLING
	FLOOR MOUNTED VOICE OUTLET(S). CABLE TYPE AS PER SPECIFICATION	СВ	COMMUNICATIONS BOX
	FLOOR MOUNTED DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION	P	POWER ZONE BOX
(7)	FURNITURE MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION	⊤-	TELEPHONE ZONE BOX
•	FURNITURE MOUNTED VOICE OUTLET(S). CABLE TYPE AS PER SPECIFICATION	•	FEED POINT FOR COMMUNICATIONS CABLING. LETTER DENOTES FEED LOCATION:
\bigcirc	FURNITURE MOUNTED DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION		W = WALL, F = FLOOR, P = PAC POLE, WM = WIREMOLD
-	CEILING MOUNTED VOICE AND DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION		
	CEILING MOUNTED DATA OUTLET(S). CABLE TYPE AS PER SPECIFICATION		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO DRAWINGS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ALARM INITIAT	ING DEVICES	
•	CEILING MOUNTED PHOTO-ELECTRIC SMOKE DETECTOR	· · · · · · · · · · · · · · · · · · ·	AIR SAMPLING SYSTEM
₽	WALL MOUNTED PHOTO-ELECTRIC SMOKE DETECTOR		MANUAL STATION
$oldsymbol{\Theta}$	CEILING MOUNTED PHOTO-ELECTRIC SMOKE DETECTOR C/W RELAY BASE	BDTX	BEAM SMOKE DETECTOR (TRANSMIT
•	CEILING MOUNTED RATE-OF-RISE HEAT DETECTOR	BDRX	BEAM SMOKE DETECTOR (RECEIVER
@	WALL MOUNTED RATE-OF-RISE HEAT DETECTOR	(Ē)	FLAME DETECTOR
•	CEILING MOUNTED FIXED TEMPERATURE HEAT DETECTOR		
•	WALL MOUNTED FIXED TEMPERATURE HEAT DETECTOR		
⊕ m	DUCT TYPE PHOTO-ELECTRIC SMOKE DETECTOR		
▲	DUCT TYPE PHOTO-ELECTRIC SMOKE DETECTOR COMPLETE WITH HEATER		
82	CEILING MOUNTED COMBINATION HEAT + SMOKE DETECTOR		
	LOCAL ALAR	M DEVICES	
⊗ SA	LOCAL 120V SMOKE ALARM	≽SA ★	LOCAL 120V COMBINATION SMOKE A AND STROBE
€ CO/SA	LOCAL 120V COMBINATION CARBON MONOXIDE AND SMOKE ALARM	CO/SA	LOCAL 120V COMBINATION CARBON MONOXIDE, SMOKE ALARM AND STR
e co	LOCAL 120V CARBON MONOXIDE ALARM		
	SPRINKLER/STAN	DPIPE DEVICES	
LP	LOW PRESSURE SUPERVISED SWITCH (SUPPLIED BY OTHERS)	DPV	ALARM DRY PIPE VALVE (SUPPLIED OTHERS)
SV	SPRINKLER SUPERVISED VALVE (SUPPLIED BY OTHERS)		
FS	ALARM FLOW SWITCH (SUPPLIED BY OTHERS)		
PS	ALARM PRESSURE SWITCH (SUPPLIED BY OTHERS)		
ACV	ALARM CHECK VALVE (SUPPLIED BY OTHERS)		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO DRAWINGS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SIGNALING	G DEVICES	
×	CEILING MOUNTED HORN	<u>Q</u>	WALL MOUNTED FIRE ALARM BELL. 103mm (4") UNLESS OTHERWISE NOTED
Š	WALL MOUNTED HORN	Š	WALL MOUNTED FIRE ALARM BELL+STROBE COMBINATION.
	CEILING MOUNTED DOUBLE SIDED HORN		SPEAKER HORN
	WALL MOUNTED DOUBLE SIDED HORN	<u>s</u>	CEILING MOUNTED EMERGENCY EVACUATION SPEAKER
¥	CEILING MOUNTED HORN+STROBE COMBINATION. STROBE INTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED	<u>©</u>	WALL MOUNTED EMERGENCY EVACUATION SPEAKER
<u>"</u>	WALL MOUNTED HORN+STROBE COMBINATION. STROBE INTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED	*S} :	CEILING MOUNTED EMERGENCY EVACUATION SPEAKER + STROBE COMBINATION. STROBE INSTENSITY TO BE
	CEILING MOUNTED DOUBLE SIDED HORN+STROBE COMBINATION. STROBE INTENSITY TO BE MIN 15CD UNLESS		MIN. 15CD UNLESS OTHERWISE NOTED.
	WALL MOUNTED DOUBLE SIDED HORN+STROBE COMBINATION. STROBE	- \$\overline{\pi}\$	WALL MOUNTED EMERGENCY EVACUATION SPEAKER + STROBE COMBINATION. STROBE INSTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED.
≯₽⋘	INTENSITY TO BE MIN 15CD UNLESS OTHERWISE NOTED.	₩	CEILING MOUNTED FIRE ALARM STROBE. STROBE INTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED.
X	MINI HORN	₩	WALL MOUNTED FIRE ALARM STROBE. STROBE INTENSITY TO BE MIN. 15CD UNLESS OTHERWISE NOTED.
	ANCILLAR	Y DEVICES	
ISO	ISOLATION MODULE	MON	MONITORING MODULE FOR ALARM OR SUPERVISORY
CTL	FIELD INSTALLED ADDRESSABLE CONTROL POINT	PACP	TROUBLE AND ALARM CONNECTION TO PRE- ACTION CONTROL PANEL
FIRE	"FIRE, DO NOT ENTER" SIGN	P	FLOOR MOUNTED DOOR HOLD OPEN DEVICE
FG	FIRE ALARM GRAPHIC (PASSIVE/ACTIVE)	н	WALL MOUNTED DOOR HOLD OPEN DEVICE
VDT	VIDEO DISPLAY TERMINAL, FOR BUILDING OPERATIONS PERSONNEL		FIRE ALARM PANEL. CONTROL, DGP OR ANNUNCIATOR AS NOTED
HS	FIRE FIGHTERS HAND SET	₩	END-OF-LINE RESISTOR TERMINATION
FASD	FIRE ALARM SHUT DOWN		SMOKE DAMPER, USED IN CONJUCTION WITH MONITORING DEVICE FOR POSITION ANNUNCIATION AND CONTROL DEVICE
FASU	FIRE ALARM START UP	SS	10 MINUTES SILENCE SWITCH FOR SPEAKERS IN SUITES
RT	REMOTE TESTING STATION FOR DUCT SMOKE DETECTORS	NOTE: NOT AL	L SYMBOLS APPLY, REFER TO DRAWINGS

NOTE: NOT ALL	SYMBOLS APPLY, REFER	TO DRAWINGS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DETAIL NUMBER	A	OF OTION AND PER
2	— DETAIL NUMBER		— SECTION NUMBER
E-01	— DRAWING NUMBER	E-04	— DRAWING NUMBER
4	REVISION NUMBER		REVISION BUBBLE
Α	AMPS	MO	MOTOR OPERATED
AD	ACCESS DOOR	MOD	MOTOR OPERATED DAMPER
AFCI	ARC FAULT CIRCUIT INTERRUPTER	MW	MICROWAVE
AFF	ABOVE FINISHED FLOOR	N	NEW
BBH	BASEBOARD HEATER	NC	NORMALLY CLOSED
BU	BATTERY UNIT	NIC	NOT IN CONTRACT
С	CONDUIT	NL	NIGHT LIGHT
CD	CANDELA	NO	NORMALLY OPEN
CL	CEILING MOUNTED	OC	OVER COUNTER
CS	CHARGING STATION	OL	OBSTRUCTION LIGHT
CV	CONVENTIONAL STYLE DEVICE	Р	PARABOLIC LOUVRE
D	DEDICATED	PL	PATIENT LIFT
DG	DEDICATED GROUND	R	RELOCATE
DHWT	DOMESTIC HOT WATER TANK	RA	RANGE
DNC	DEDICATED NEUTRAL + BOND	RC	REVISE EXISTING CIRCUIT
DR	LAUNDRY DRYER	RH	RANGE HOOD
DW	DISHWASHER	RIC	ROUGH IN AND CONNECT
Е	EXISTING	RO	ROUGH IN ONLY
EF	EXHAUST FAN	RR	REMOVE AND REINSTALL
EM	EMERGENCY CIRCUIT	SC	SEPARATE CIRCUIT
EP	ELECTRICAL SUITE PANEL	SF	SYSTEM FURNITURE
ER	EXISTING TO BE REMOVED	SP	SUITE ALARM PANEL
F	REFRIGERATOR	SSP	SLAVE SUITE ALARM PANEL
FF	FLOOR FEED	TYP	TYPICAL
FFH	FORCE FLOW HEATER	UC	UNDER CABINET MOUNTED
FL	FLOOR MOUNTED	U	UPS CIRCUIT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UH	UNIT HEATER
GFI	GROUND FAULT INTERRUPTER	UPS	UNINTERRUPTIBLE POWER SUPPLY
GND	GROUND	V	VOLTS
HK	HOUSE KEEPING	W	WATTS
HMT	HARMONIC MITIGATING TRANSFORMER	WG	WIRE GUARD
ICE	ICE MACHINE	WAP	WIRELESS ACCESS POINT
IG	ISOLATED GROUND	WF	WALL FEED
JB	JUNCTION BOX	WP	WEATHERPROOF
KW	KILOWATTS	Х	EXPLOSION PROOF DEVICE + BACK BOX
LV	LOW VOLTAGE	ZSCT	ZERO SEQUENCE CURRENT TRANSFORME

NOTE: NOT ALL SYMBOLS APPLY, REFER TO DRAWINGS

	ABBREVIATIONS
E	EXISTING TO REMAIN
ER	EXISTING TO BE REMOVED
R	EXISTING TO BE RELOCATED
RR	REMOVE AND REINSTALL
WP	EXTERIOR/ WEATHERPROOF
JB	JUNCTION BOX
AFF	ABOVE FINISHED FLOOR
TYP	TYPICAL - TO BE INTERPRETED AS EXACTLY THE SAME AS COMPARABLE FEATURES.
V	VOLTS
KW	KILLOWATTS
X	EXPLOSION PROOF DEVICE
WM XXX AFF	WALL MOUNTED AT XXXmm AFF. XXX INDICATES SPECIFIC HEIGHT
СМ	CEILING MOUNT
ELV	ELEVATOR MOUNT
RFM	ROOF MOUNT
CAM-XX-XX	FIRST XX INDICATES FLOOR NUMBER, SECOND XX INDICATES CAMERA NUMBER
CNR XXX AFF	CORNER MOUNT AT XXXmm AFF. XXXX INDICATES SPECIFIC HEIGHT
PM XXX AFF	PENDANT MOUNT AT XXXmm AFF. XXXX INDICATES SPECIFIC HEIGHT
PTM XXX AFF	PARAPET MOUNT AT XXXXmm AFF. XXXX INDICATES SPECIFIC HEIGHT
PLE XXX AFF	POLE MOUNT AT XXXXmm AFF. XXXX INDICATES SPECIFIC HEIGHT
TYPE-XX	DEVICE TYPE. XX INDICATES SPECIFIC TYPE. REFER TO RELATIVE SPECIFICATIONS AND OR SCHEDULES FOR ADDITIONAL DETAILS
FUNCXX	FUNCTION TYPE. XX INDICATES SPECIFIC CAMERA FUNCTION DESCRIPTION. FUNC.01=DETECT, FUNC.02=OBSERVE, FUNC.03=RECOGNIZE, FUNC.04=IDENTIFY REFER TO SPECIFICATIONS AND SCHEDULES FOR ADDITIONAL DETAILS.

NOTE: NOT ALL SYMBOLS APPLY. CONTRACTOR TO REFER TO FLOOR PLANS.

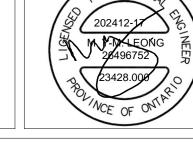
	1		
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
P	WALL MOUNTED PAGING SPEAKER	V	VOLUME CONTROL
P	CEILING MOUNTED PAGING SPEAKER	SLS	SOUND LEVEL SENSOR
€M)	WALL MOUNTED SOUND MASKING SPEAKER		PAGING SPEAKER + HORN COMBINATION
§M)	CEILING MOUNTED SOUND MASKING SPEAKER		
MP	WALL MOUNTED SOUND MASKING + PAGING COMBINATION SPEAKER		
MP	CEILING MOUNTED SOUND MASKING + PAGING COMBINATION SPEAKER		
Р Ф	CEILING AND WALL MOUNTED DIGITAL CLOCK	4	TRANSMITTER ANTENNA
E E	CEILING AND WALL MOUNTED ELAPSE TIME CLOCK	WRS)	WIRELESS RECEIVER SWITCH
^А Ф	CEILING AND WALL MOUNTED ANALOG CLOCK	X	MASTER CLOCK TRANSMITTER "X" INDICATES WATTAGE
>	GPS RECEIVER	TZD X	TIME ZONE DISPLAY "X" INDICATES QUANTITY OF ZONES
<i>_</i>	AIR TERMINAL COMPLETE WITH BASE	\otimes	C4 DOWN LEAD CABLE
	C4 LIGHTNING CONDUCTOR	ι -	GROUND ROD
	2/0 BARE COPPER	٥	CONNECTION / BOND POINT
	C4 INTER-LEVEL RISER CABLE		





info@grcarchitects.com www.grcarchitects.com





IBPS TEMPLE

ELECTRICAL LEGENDS

date Issue Date 23428.000 scale NTS. drawn Author approved Checker E-002 plot date 02/13/20

DO NOT SCALE FROM THIS DRAWING
 CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES
 THIS DRAWING TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWINGS: STRUCTURAL, MECHANICAL, ELECTRICAL

