LIGHTING	POWER	FIRE ALARM	PROCESS	SCHEMATIC SYMBOLS		
LUMINAIRE LEGEND FIXTURE ID	36 G WP 48" RECEPTACLE LABELS	ALARM STROBE, WALL MOUNT	L LEVEL TRANSDUCER	R1 RELAY COIL (NUMBER DENOTED)		
AE 'e' DESIGNATES EMERGENCY LIGHT	DESCRIPTORS, REFER TO ABBREVIATIONS: G = GROUND FAULT CIRCUIT INTERRUPTER GFCI = GROUND FAULT CIRCUIT INTERRUPTER	ALARM STROBE, CEILING MOUNT	F FLOW METER	→ H NORMALLY OPEN CONTACT		
a CIRCUIT NUMBER SWITCH CIRCUIT ID	AC = MOUNT ABOVE COUNTER TOP USB = DEVICE WITH USB CHARGING PORT(S) OC = OCCUPANCY CONTROLLED	ALARM STROBE & HORN/SPEAKER, WALL MOUNT	T TEMPERATURE TRANSDUCER	────NORMALLY CLOSED CONTACT		
RECESSED LUMINAIRE	X" = MOUNTING HEIGHT AFF CIRCUIT IDENTIFIER	ALARM STROBE & HORN/SPEAKER, CEILING MOUNT	SS SUSPENDED SOLIDS SENSOR	THREE POSITION SELECTOR SWITCH (HAND-OFF-AUTO DENOTED		
● EMERGENCY EGRESS/LIFE SAFETY SYMBOL	P DUPLEX RECEPTACLE	ALARM HORN/SPEAKER, WALL MOUNT	DISSOLVED OXYGEN SENSOR	TWO POSITION SELECTOR SWITCH (RUN-OFF DENOTED)		
NIGHT LIGHT SYMBOL	DOUBLE DUPLEX RECEPTACLE	€ ALARM HORN/SPEAKER, CEILING MOUNT	G GAS DETECTION SENSOR	PUSH TO TEST PILOT LIGHT (COLOR DENOTED)		
NIGHT LIGHT AND EMERGENCY EGRESS	△P △ ISOLATED GROUND	 PULL STATION	© SLUDGE BLANKET SENSOR	PILOT LIGHT (COLOR DENOTED)		
PENDANT MOUNTED	♠ SWITCHED (SPLIT) RECEPTACLE	S SMOKE DETECTOR	(H) PH SENSOR	PUSH BUTTON - NORMALLY CLOSED		
CRITICAL POWER	GENERATOR POWER CIRCUIT	H HEAT DETECTOR	S SOLEMOID	O O PUSH BUTTON - NORMALLY OPEN		
RECESSED DOWNLIGHT (ROUND & SQUARE)		DUCT SMOKE DETECTOR	(IV) MOTORIZED VALVE	TR TIMING RELAY		
RECESSED WALL WASH DOWNLIGHT	FLOOR MOUNT	M MAGNETIC DOOR HOLD	IS LIMIT SWITCH	CLOSED SWITCH - TIME DELAY OPEN		
SURFACE MOUNT LIGHT	SPECIAL PURPOSE RECEPTACLE	FR ALARM CONTROL RELAY	P PRESSURE SWITCH	OPEN SWITCH - TIME DELAY CLOSED		
SURFACE MOUNT LIGHT	Φ SIMPLEX RECEPTACLE	FS FLOW SWITCH	T THERMOSTAT	CLOSED SWITCH, TIME DELAY CLOSED		
Q □ WALL MOUNT LUMINAIRE	MOTOR, SINGLE PHASE	TS TAMPER SWITCH	F FLOOD SWITCH	OPEN SWITCH, TIME DELAY OPEN		
TRACK LIGHTING	MOTOR, THREE PHASE	FD ELECTRIC DAMPER	L FLOAT SWITCH	TEMPERATURE SWITCH - CLOSE ON RISING TEMPERATURE		
EMERGENCY LIGHTING UNIT	DISCONNECT SWITCH	FA REMOTE ANNUNCIATOR	MD MOTORIZED DAMPER	TEMPERATURE SWITCH - OPEN ON RISING TEMPERATURE		
SHADED REGION INDICATES FACE EXIT SIGN STEM INDICATES WALL MOUNT	F DISCONNECT SWITCH, FUSED	FACP CONTROL PANEL	SP SPEED SWITCH	-√- SOLENOID		
EXIT SIGN, WITH EMERGENCY LIGHTING	B DISCONNECT SWITCH, ENCLOSED BREAKER		PS PROXIMITY SENSOR	CONTROL POWER TRANSFORMER		
⊕ > POLE MOUNTED LUMINAIRE	COMBINATION MOTOR STARTER		FS FLOW SWITCH	± GROUND		
\$\frac{3}{5}\text{a} LIGHT CONTROL DEVICE LABELS	即 ELECTRIC HAND DRYER		TO TORQUE SWITCH	-√\- HEATER		
DESCRIPTORS, REFER TO ABBREVIATIONS SWITCH CIRCUIT IDENTIFIER SWITCH TYPE:	PP POWER POLE		H HUMIDISTAT	□ TERMINAL BLOCK		
SWITCH TYPE: 2=TWO POLE, SINGLE THROW 3=THERE WAY	RETRACTABLE CORD REEL	HEALTH CARE	EMERGENCY STOP PUSHBUTTON	CONNECTION NODE		
4=FOUR WAY D=DIMMER P=WITH PILOT LIGHT	—MOA— MULTI-OUTLET ASSEMBLY	NURSE CALL LIGHT, WALL MOUNT	CONTROL STATION			
T=TIMER SP=SPEED CONTROL K=KEYED	GROUNDING/ELECTRODE BOND POINT	NURSE CALL LIGHT, CEILING MOUNT	党 CORD & PLUG			
M=MOTOR HORSE POWER RATED MS=MANUAL MOTOR STARTER H/L=HIGH/LOW CONTROL	RECEPTACLE PEDESTAL	PULL CORD				
\$ switch	HH IN-GRADE HANDHOLE	SRS STANDARD ROOM STATION	ONE-LINE DIAGRAM			
S OCCUPANCY SENSOR, CEILING MOUNT	TT WALL-MOUNT GROUND BUS	BAS BED AUDIO STATION	↓ INCOMING LINE			
OS OCCUPANCY SENSOR, WALL MOUNT	RECESSED PANELBOARD	SCREEN SIZE GRAPHIC TERMINAL	CIRCUIT BREAKER			
DAYLIGHT SENSOR, CEILING MOUNT	PANELBOARD	MRQ MARQUEE	FUSE			
DAYLIGHT SENSOR, WALL MOUNT		NURSE LOCATOR	SWITCH			
LIGHTING CONTROL STATION	COMMUNICATIONS		DISCONNECT SWITCH TYPE DESIGNATION			
▼ EMERGENCY LIGHTING REMOTE HEAD	X → NUMBER OF PORTS (TYPICAL) TELEPHONE OUTLET		T STARTER / CONTACTOR			
			CAPACITOR			
	DATA OUTLET, FLOOR MOUNT		MOTOR STARTER OVERLOADS			
	↑ TELEVISION OUTLET ↑		MOTOR HORSE POWER RATING			
SECURITY		GENERAL	TRANSFORMER			
CARD READER		CONDUIT/WIRE RUN, EXPOSED	CURRENT TRANSFORMER			
KP KEY PAD	SPEAKER, WALL MOUNT	CONDUIT/WIRE RUN, CONCEALED/UNDERGROUND	M METER			
DOOR CONTACT	S SPEAKER, CEILING MOUNT	JUNCTION BOX, WALL MOUNT				
	PROJECTOR/SMART BOARD WALL MOUNT	JUNCTION BOX, CEILING MOUNT	VFD VFD MOTOR CONTROLLER			
©B □ GLASS BREAK	P☐ PROJECTOR, CEILING MOUNT	JUNCTION BOX, FLOOR MOUNT	SSRV MOTOR CONTROLLER			
REQUEST TO EXIT	PROJECTOR CONTROL OUTLET	XXX KEYED NOTE	SPD SURGE PROTECTION DEVICE			
EM ELECTRIFIED DOOR LOCK	SMARTBOARD CONTROL OUTLET	30 EQUIPMENT TAG	AUTOMATIC TRANSFER SWITCH			
© © □ CAMERA	IC INTERCOM STATION	A REVISION TAG	LIGHTNING ARRESTOR	PANELBOARD NAMING LEGEND:		
-	B BELL/CHIME	AHU-11-A CONDUIT/WIRE TAG	3KW HEATER	DP = DISTRIBUTION PANEL LP = LIGHTING PANELBOARD		
	IIIIIII CABLE TRAY	─ CONDUIT STUB W/BUSHING		DP-X-Y: X= FLOOR LEVEL PANEL IS LOCATED		
				Y= # OF PANEL ON THE FLOOR LEVEL		

						_	
1P	1 POLE			N.C.	NORMALLY CLOSED	v	VOLT
2P	2 POLE	F	FUSED OR FUSE	NEC.	NATIONAL ELECTRICAL CODE	VA	VOLT-AMPERES
3P	3 POLE	FA	FIRE ALARM	NEMA	NATIONAL ELECTRICAL	VDT	VIDEO DISPLAY TERMINAL
4P	4 POLE	FACP	FIRE ALARM CONTROL PANEL	1	MANUFACTURER'S	VERT	VERTICAL
		FBO	FURNISHED BY OTHERS		ASSOCIATION	VFD	VARIABLE FREQUENCY DRIVE
A	AMPERE OR AMP	FCU	FAN COIL UNIT	NIC	NOT IN CONTRACT	VFY	VERIFY
A/C	AIR CONDITIONER	FIXT	FIXTURE	NL	NIGHT LIGHT	VOL	VOLUME
AC .	ABOVE COUNTER	FLA	FULL LOAD AMPS	N.O.	NORMALLY OPEN	l.,,	WATE OR WERE
ACLG	ABOVE CEILING	FLR	FLOOR	NPF	NORMAL POWER FACTOR NOT TO SCALE	W	WATT OR WIRE
ADO AIC	AUTOMATIC DOOR OPENER AMPERE INTERRUPTING	FLUOR FU	FLUORESCENT	NTS	NOT TO SCALE	W/ WG	WITH WIRE GUARD
AIC	CAPACITY	FVR	FUSE FULL VOLTAGE REVERSING	ос	OCCUPANCY CONTROLLED	WH	WATER HEATER
AF	ARC FAULT	FVNR	FULL VOLTAGE NON-REVERSING	ОН	OVERHEAD	W/O	WITHOUT
AFF	ABOVE FINISHED FLOOR	I VIVI	TOLE VOLTAGE HON-REVERSING	OL	OVERLOADS	WP	WEATHERPROOF
AFG	ABOVE FINISHED GRADE	G	GROUND FAULT CIRCUIT		3.2.2.2.2	1	
AFCI	ARC FAULT CIRCUIT		INTERRUPTER	PA	PUBLIC ADDRESS	XFMR	TRANSFORMER
	INTERRUPTER	GA	GAUGE	PB	PULL BOX OR PUSHBUTTON	XFR	TRANSFER
AHU	AIR HANDLING UNIT	GAL	GALLON	PE	PNEUMATIC ELECTRIC		
AL	ALUMINUM	GALV	GALVANIZED	PED	PEDESTAL		
ALT	ALTERNATE	GC	GENERAL CONTRACTOR	PF	POWER FACTOR		
AMP	AMPERE	GEN	GENERATOR	PH	PHASE		
AMPL	AMPLIFIER	GFI	GROUND FAULT CIRCUIT	PIV	POST INDICATING VALVE		
ANNUN	ANNUNCIATOR	CECT	INTERRUPTER	PLMG	PLUMBING CONTRACTOR		
APPROX AQSTAT		GFCI	GROUND FAULT CIRCUIT INTERRUPTER	PNL PP	PANEL POWER POLE		
ARCH	ARCHITECT, ARCHITECTURAL	GFP	GROUND FAULT PROTECTOR	PR	PAIR		
AKCH AS	AMP SWITCH	GND	GROUND FACET PROTECTOR	PRI	PRIMARY	1	
AT	AMP TRIP	GRS	GALVANIZED RIGID STEEL	PROJ	PROJECTION	1	
ATS	AUTOMATIC TRANSFER SWITCH	0	(CONDUIT)	PRV	POWER ROOF VENTILATOR	1	
AUTO	AUTOMATIC	GYPBD	GYPSUM BOARD	PT	POTENTIAL TRANSFORMER	1	
AUX	AUXILIARY			PTR	PRINTER	1	
AV	AUDIO VISUAL	HOA	HAND-OFF-AUTOMATIC	PVC	POLYVINYL CHLORIDE	1	
AWG	AMERICAN WIRE GAUGE		HORIZONTAL		(CONDUIT)	_	ANGLE
		HP	HORSEPOWER	PWR	POWER	@	AT
BAT	BATTERY	HPF	HIGH POWER FACTOR	1		Δ	DELTA
BD	BOARD	HSP	HIGH SERVICE PUMP	QTY	QUANTITY	ľ.	FEET
BLDG	BUILDING	HT	HEIGHT	QZ	QUARTZ	1,2	INCHES
BMS	BUILDING MANAGEMENT	HTG HTR	HEATING HEATER	RCPT	DECEDTACI E	# Ø	NUMBER PHASE
	SYSTEM	HV	HIGH VOLTAGE	RQD	RECEPTACLE REQUIRED	C _L	CENTER LINE
С	CONDUIT	HVAC	HEATING, VENTILATING AND	RM	ROOM	D C	PLATE
CAB	CABINET	IIIVAC	AIR CONDITIONING	RSC	RIGID STEEL CONDUIT	x"	MOUNTING HEIGHT AFF
CAT	CATALOG	HWP	HYDRONIC WATER PUMP	RTU	ROOF TOP UNIT	l^	TIOONTING TIESOTT 781
CATV	CABLE TELEVISION	HZ	HERTZ				
CB	CIRCUIT BREAKER			sc	SURFACE CONDUIT	1	
CCTV	CLOSED CIRCUIT TELEVISION	IC	INTERRUPTING CURRENT	SEC	SECONDARY	1	
CKT	CIRCUIT	IG	ISOLATED GROUND	SHT	SHEET	1	
CLG	CEILING	IMC	INTERMEDIATE METAL	SIM	SIMILAR	1	
COMB	COMBINATION	CONDU	IT	S/N	SOLID NEUTRAL	1	
CMPR	COMPRESSOR	INCAND		SPEC	SPECIFICATION	1	
CONN	CONNECTION	IR	INFRARED	SPKR	SPEAKER	1	
CONST	CONSTRUCTION OR	I/W	INTERLOCK WITH	SP	SPARE SUBSACE PACEWAY	1	
CONT	CONTINUATION OR	1	JUNCTION BOX	SR SS	SURFACE RACEWAY STAINLESS STEEL	1	
CONTR	CONTINUOUS CONTRACTOR	J-BOX	JUNCTION BOX	SSRV	SOLID STATE REDUCED	1	
CONV	CONVECTOR	JB	JUNCTION BOX	3310	VOLTAGE	1	
CP	CIRCULATING PUMP	1		SST	SOLID STATE	1	
CT	CURRENT TRANSFORMER	KAIC	KILOAMPS INTERUPPTING	SSW	SELECTOR SWITCH	1	
CTR	CENTER	1	CAPACAITY	S/S	STOP/START PUSHBUTTONS	1	
CU	COPPER	KV	KILOVOLT	STA	STATION	1	
		KVA	KILOVOLT-AMPERE	STD	STANDARD	1	
	DAMPER	KVAR	KILOVOLT-AMPERE REACTIVE	SURF	SURFACE MOUNTED	1	
	DIRECT CURRENT	KW	KILOWATT	SW	SWITCH	1	
	DOMESTIC WATER	KWH	KILOWATT HOUR	SWBD	SWITCHBOARD	1	
	CIRCULATING PUMP DEPARTMENT	LCD	LIGHTING CONTROL DANS	SYM	SYMMETRICAL	1	
		LCP	LIGHTING CONTROL PANEL LOCAL CONTROL STATION	SYS	SYSTEM	1	
	DETAIL DIAMETER	LCS	LOCAL CONTROL STATION LOCATE OR LOCATION	TEL	TELEPHONE	1	
	DISCONNECT	LT	LIGHT	TERM	TERMINAL	1	
	DISTRIBUTION	LTG	LIGHTING	TL	TWIST LOCK	1	
	DIVISION	LTNG	LIGHTNING	TR	TAMPER RESISTANT	1	
	DOWN	LV	LOW VOLTAGE	TSTAT	THERMOSTAT	1	
DPR	DAMPER			TTC	TELEPHONE TERMINAL	1	
DS	DISCONNECT/SAFETY SWITCH	MAX	MAXIMUM	1	CABINET	1	
DT	DOUBLE THROW	M/C	MOMENTARY CONTACT	TV	TELEVISION	1	
DWG	DRAWING	MC	MECHANICAL CONTRACTOR	TVTC	TELEVISION TERMINAL	1	
=0	ELECTRICAL COLUT-:	MCA	MAX CIRCUIT AMPACITY	- T	CABINET	1	
	ELECTRICAL CONTRACTOR	MCB	MAIN CIRCUIT BREAKER	TYP	TYPICAL	1	
	EXHAUST FAN	MCC MDC	MOTOR CONTROL CENTER MAIN DISTRIBUTION CENTER	UC	UNDER COUNTER	1	
	ELECTRIC, ELECTRICAL ELEVATOR	MDC	MAIN DISTRIBUTION CENTER MAIN DISTRIBUTION PANEL	UE	UNDER COUNTER UNDERGROUND ELECTRICAL	1	
	EMERGENCY	MFR	MANUFACTURER	UG	UNDERGROUND UNDERGROUND	1	
	ENERGY MANAGEMENT SYSTEM	MH	MANHOLE	UH	UNIT HEATER	1	
	ELECTRICAL METALLIC TUBING	MIC	MICROPHONE	UNO	UNLESS NOTED OTHERWISE	1	
	ELECTRIC PNEUMATIC	MIN	MINIMUM	USB	WITH USB CHARGING PORT	1	
EQUIP	EQUIPMENT	MISC	MISCELLANEOUS	UT	UNDERGROUND TELEPHONE	1	
EWC	ELECTRIC WATER COOLER	MLO	MAIN LUGS ONLY	UTIL	UTILITY	1	
EXIST	EXISTING	MOA	MULTIOUTLET ASSEMBLY	UV	UNIT VENTILATOR OR	1	
	EXHAUST	MS	MANUAL MOTOR STARTER	1	ULTRAVIOLET	1	
EXP	EXPLOSION PROOF	MSBD	MAIN SWITCHBOARD	1		1	
		MT	MOUNT	1		1	
		MTS	MANUAL TRANSFER SWITCH	1		1	
		MTR	MOTOR, MOTORIZED	1		1	
		1		1		1	
		1		1		1	
		1		1		1	
		1		1		1	
				-		-	

ELECTRICAL ABBREVIATIONS









(6.1	DESIGNED ARM	NO.	ADD 1	9/24/2020	
	CAB	H			
	ARM				
	R19.122405	\vdash			