	ELECTRICAL SYMBOL LIST								ABBREVIATION			
/MBOL	DESCRIPTION	SYMBOL	LAYOUT DESCRIPTION	PLANS SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	ONE-LINE DIAGRAMS  DESCRIPTION	A, AMP.	AMPERE ALTERNATING CURRENT	- - -
_	CONDUIT RUN EXPOSED, CONCEALED IN WALL OR	$\bigcirc$	20A, 125V, 2-POLE 3-WIRE, HEAVY DUTY, SPECIFICATION GRADE, DUPLEX RECEPTACLE, NEMA	0			DOWN LIGHT LUMINAIRE	<b>.</b>	— HIGH VOLTAGE TERMINATION	AIC AF	AMPERE INTERRUPTING CAPACITY  AMPERE FRAME	-
	ABOVE CEILING.  CONDUIT. CABLE. OR BARE GROUND OCNDUCTORS.	GFCI	5-20R, WHITE. FLUSH MOUNT IN WALL. <u>HUBBELL 5362W</u> <u>UNO</u>		MECHANICAL INTERLOCKED RECEPTACLE		DOWN LIGHT LUMINAIRE		— HIGH VOLTAGE SWITCH AND FUSE	AE AFC	ARC-ENERGY REDUCTION  ABOVE FINISHED CONCRETE	-
	RUN UNDERGROUND, CONCEALED IN OR UNDER FLOOR SLAB OR GRADE.	A/C S	ABOVE CEILING SURFACE MOUNTED	G	GROUNDING OUTLET		DOWN LIGHT LUMINAIRE WITH EMERGENCY BATTERY PACK.		PRIMARY CONNECTION (DELTA)	AFF AFG	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE (EARTH)	- -
		R	RECESSED	$\bigcirc$ R	RADIO RECEPTACLE		DOWN LIGHT WALL WASH LUMINAIRE		LIQUID FILLED SUBSTATION	AFS	ABOVE FINISHED SURFACE	-
<b>−</b> /\\\	CIRCUIT EXTENDED IN LIQUIDTIGHT FLEXIBLE CONDUIT, AT THE END OF A CONDUIT RUN	GFCI	INDICATES GROUND FAULT CIRCUIT INTERRUPTING TYPE. <u>HUBBELL GFRST20W</u> UNO.		SURFACE METAL RACEWAY. LEGRAND WIREMOLD 4000 SERIES UNO.		DOWN EIGHT WALL WASH LOWINAINL		TRANSFORMER, TYPE AND RATINGS AS INDICATED ON THE DRAWINGS	AT ATS	AMPERE TRIP AUTOMATIC TRANSFER SWITCH	
	CONDUIT RUN TURNED DOWN	WL,WP	WET LOCATIONS. INDICATES WEATHER-RESISTANT GFCI TYPE RECEPTACLE WITH WEATHERPROOF EXTRA		OVER/IN-FLOOR METAL RACEWAY.	$\bigcirc$	WALL MOUNTED LUMINAIRE		SECONDARY CONNECTION (GROUNDED WYE)	AWG BAHJ	AMERICAN WIRE GAUGE BUILDING AUTHORITY HAVING JURISDICTION	-
J	CONDON NON TORNED BOWN	RECEPTACLE:	DUTY IN-USE COVER. <u>HUBBELL GFWRST20W</u> UNO.		CONNECTRACK UNO.		WALL MOUNTED LUMINAIRE WITH EMERGENCY BATTERY PACK.			BC BLDG	BARE COPPER BUILDING	- -
$\overline{}$	CONDUIT RUN TURNED UP	COVER:	HUBBELL TAYMAC MX3200 UNO.	S	SPEAKER	_		<u>1200AF</u>	DRAWOUT TYPE POWER BREAKER 1200 AMP FRAME, 1000 AMP TRIP, 3-POLE	С	CONDUIT	-
	CONDUIT CAPPED	DL	DAMP LOCATIONS. INDICATES WEATHER-RESISTANT GFCI TYPE RECEPTACLE WITH FLIP COVER.	$\blacksquare$	2"W X 4"L X 2-1/8"D WALL TELEPHONE OUTLET WITH 3/4" EMPTY CONDUIT WITH PULL ROPE	<del></del>	STRIP LUMINAIRE	1000AT LSIGA	L = LONG TIME TRIP S = SHORT TIME TRIP	CO CB	CONDUIT ONLY CIRCUIT BREAKER	_
	POWER PANEL NUMBER POWER CIRCUIT NUMBERS	RECEPTACLE: COVER:	HUBBELL GFWRST20W UNO. HUBBELL HBL5206WO UNO.	<b>⋉</b> P	PRIMARY TELEPHONE/DATA OUTLET: 4-11/16"W X 4-11/16"L X 2-1/8"D TELEPHONE/DATA OUTLET BOX	<del> </del>	STRIP LUMINAIRE WITH A EMERGENCY BATTERY PACK.		I = INSTANTANEOUS TRIP G = GROUND FAULT TRIP A = ALARM	CIR., CKT	CIRCUIT	-
			TWO 20A, 125V, 2-POLE 3-WIRE, HEAVY DUTY,	. 7 .	WITH SINGLE DEVICE GALVANIZED ZINC PLASTER RING WITH 1/2" RAISED HEIGHT AND 1" EMPTY		1'x4' LUMINAIRE	60045	MOLDED CASE CIRCUIT BREAKER	DEMO.	DEMOLISH DIRECT CURRENT	-
	855B2-14/9,10	Ŧ	SPECIFICATION GRADE DUPLEX RECEPTACLES, NEMA TYPE 5-20R, WHITE. FLUSH MOUNT IN WALL. HUBBELL 5362W UNO.		CONDUIT WITH PULL ROPE TO 6" ABOVE ACCESSIBLE CEILING.		I AT LUIVIIIVAIINE	400AT /	600 AMP FRAME, 400 AMP TRIP, 3-POLE SEE DRAWOUT TYPE BREAKER ABBREVIATIONS ABOVE.	DC DWG	DRAWING	
<u> </u>	CIRCUIT HOMERUN IN MIN. 3/4"C (FIELD TO ROUTE TO POWER PANEL)		DUPLEX FLOOR RECEPTACLE	⊬ c	SECONDARY TELEPHONE/DATA OUTLET: 4-11/16"W X		1'x4' LUMINAIRE WITH AN EMERGENCY BATTERY PACK.		CONTINUOUS AMPERE RATING	E EGC	EMERGENCY CIRCUIT EQUIPMENT GROUNDING CONDUCTOR	
	208/120V PANELBOARD		DUDLEY OF THE DESCRIPTION OF	∑ <b>3</b>	4-11/16"L X 2-1/8"D TELEPHONE/DATA OUTLET BOX WITH SINGLE DEVICE GALVANIZED ZINC PLASTER RING WITH 1/2" RAISED HEIGHT AND 3/4" EMPTY CONDUIT		2' X 2' LUMINAIRE	MCP 7	MOLDED CASE MOTOR CIRCUIT PROTECTOR	(E) EMT	EXISTING ELECTRICAL METALLIC TUBING	-
			DUPLEX CEILING RECEPTACLE		WITH 1/2 KAISED HEIGHT AND 3/4 EMIFTY CONDOTT WITH PULL ROPE TO NEAREST CABLE TRAY OR TELECOMMUNICATIONS ROOM.		2 AZ LOWINAINE	b /	TYPE BREAKER	EOL	END OF LINE DEVICE	-
	480/277V PANELBOARD		DOUBLE DUPLEX FLOOR RECEPTACLE				2' X 2' LUMINAIRE WITH AN EMERGENCY BATTERY PACK.		STARTER SIZE  MAGNETIC STARTER	EQPM EV	EQUIPMENT  ELECTRIC VEHICLE	-
	480V PANELBOARD OR MCC		DOUBLE DUPLEX CEILING RECEPTACLE	${}^{\displaystyle \$_{a}}{}^{\displaystyle \$_{b}}$	20A, 120-277V, INDUSTRIAL, HEAVY DUTY SPECIFICATION GRADE, SINGLE POLE TOGGLE SWITCH, IVORY NYLON. FLUSH MOUNT IN WALL, UNO,		2' X 4' LUMINAIRE		PRIMARY CONNECTION (DELTA)	EV/A EYS	EVACUATION VOICE/ALARM  EXPLOSION PROOF Y SEAL	-
	208/120V LOAD CENTER	$\bigcap$	20A, 125V, 2P, 3W, SINGLE RECEPTACLE		AT 48" AFF TO TOP. A LOWERCASE LETTER INDICATES CONTROLLED LOAD.				TRANSFORMER, DRY-TYPE DISTRIBUTION,	(F) FA	FUTURE FIRE ALARM	
	240/120V PANELBOARD	¥ H •	(NEMA 5-20R) — INDICATES HAZARDOUS	2 3	TWO POLE THREE WAY		2' X 4' LUMINAIRE WITH AN EMERGENCY BATTERY PACK.		RATINGS AS INDICATED ON DRAWINGS	FACU	FIRE ALARM CONTROL UNIT	- <b>T</b> - <b>T</b>
	EQUIPMENT CONTROL PANEL		CLASS II, DIV. 2 RECEPTACLE	4 A	FOUR WAY AUTOMATIC				INDICATES WITH ELECTROSTATIC SHIELD (FARADAY)	FFCP FLEX	FIREMANS FAN CONTROL PANEL  FLEXIBLE METAL CONDUIT	-
		$\bigoplus$	15A, 125V DUPLEX RECEPTACLE (NEMA 5-15R)	D K M	DIMMER KEY OPERATED MOTOR RATED		WALL MOUNTED EXIT SIGN: DARKENED SEGMENT INDICATES FACE OF SIGN AND ARROW INDICATES DIRECTION OF TRAVEL TO EXIT.		SECONDARY CONNECTION (GROUNDED WYE)	G, GND GEC	GROUND GROUNDING ELECTRODE CONDUCTOR	-
Т	TRANSFORMER, SIZE AND RATING AS INDICATED ON DRAWINGS	$\bigcirc$	15A, 125V RECEPTACLE (NEMA L5-15R)	DOS PC	DIMMER AND OCCUPANCY SENSOR PHOTOELECTRIC CONTROL - TORK 2100 SERIES				BUSWAY, CURRENT AND VOLTAGE RATINGS AS INDICATED ON DRAWINGS	GFCI GFPE	GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT PROTECTION EQUIPMENT	- -
MO	MULTI-OUTLET BOX, TYPE AND RATINGS AS		20A, 125V, 2P, 3W RECEPTACLE (NEMA L5-20R)	P T	WITH PILOT LIGHT TIME SWITCH, SPRING WOUND, NO-HOLD, 30 MIN.	$\otimes$	CEILING MOUNTED EXIT SIGN	<u> </u>	SURGE ARRESTOR	H-O-A	HAND-OFF-AUTO	- -
МО	INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS	<b>I</b>	30A, 125V, 2P, 3W RECEPTACLE (NEMA L5-30R)	С	BYPASS CONTROL		WALL MOUNTED COMBINATION EMERGENCY BATTERY OPERATED LIGHTING UNIT AND EXIT SIGN			HP HV	HORSEPOWER HIGH VOLTAGE	
СВ	ENCLOSED CIRCUIT BREAKER, TYPE AND	<b>±</b>		os \$ a	PASSIVE INFRARED WALL SWITCH SENSOR WITH DIMMING CONTROLS.				GROUND	JB, J-BOX KW	JUNCTION BOX KILOWATT	-
РВ	RATINGS AS INDICATED ON THE DRAWINGS	$\Psi$	15A, 250V RECEPTACLE (NEMA 6-15R)	а	(120/277VAC, 180°, 1000 SQ. FT. COVERAGE)		EMERGENCY BATTERY OPERATED LIGHTING UNIT		SEPARABLE CONTACTS	KV KVA	KILOVOLT	-
	PULL BOX	$\bigcirc$	20A, 250V RECEPTACLE (NEMA 6-20R)	os \$ <u>_</u> \$	DUAL CIRCUIT PASSIVE INFRARED WALL SWITCH (120/277VAC, 180°, 1000 SQ. FT. COVERAGE)	■-□ □-■-□	POLE MOUNTED LIGHT FIXTURE	OR	FUSE, SIZE AND RATINGS AS INDICATED ON	MAX.	KILOVOLT-AMPERE  MAXIMUM	- -
or J or J	JUNCTION BOX, SIZE AS REQUIRED, UNO	$\bigoplus$	30A, 250V RECEPTACLE (NEMA 6-30R)	· a ·	(120/2/7/AC, 180°, 1000 SQ. FT. COVERAGE)  CEILING MOUNTED OCCUPANCY SENSOR.		EXTERIOR PHOTO CELL		THE DRAWINGS	MCB MCC	MAIN CIRCUIT BREAKER  MOTOR CONTROL CENTER	-
Y		$\bigcirc$	50A, 250V RECEPTACLE (NEMA 6-50R)	OS	CEILING MOUNTED SENSORS ARE DUAL TECHNOLOGY UNO. A LOWERCASE LETTER				FUSED DISCONNECT SWITCH, RATINGS AS INDICATED ON DRAWINGS	MCP MFR	MOTOR CIRCUIT PROTECTOR  MANUFACTURER	-
VFD	VARIABLE FREQUENCY DRIVE WITH INTEGRAL BYPASS SWITCH, TYPE AND RATINGS AS	•	15A, 250V RECEPTACLE (NEMA L6-15R)	РО	INDICATES CONTROLLED LOAD.  PARTIAL-OFF OPERATION		PHOTOHELIC SIGNAL LIGHT/ALARM			MIN. MISC.	MINIMUM  MISCELLANEOUS	-
	INDICATED ON THE DRAWINGS	$\mathbf{O}$	20A, 250V RECEPTACLE (NEMA L6-20R)	U Pl	ULTRASONIC TECHNOLOGY PASSIVE INFRARED TECHNOLOGY	0	PUSHBUTTON		DISCONNECT SWITCH, RATINGS AS INDICATED ON DRAWINGS	MOB	MULTI-OUTLET BOX	- <b>b</b> - <b>l</b>
$\bigcirc$ M	ELECTRIC MOTOR, HORSEPOWER AND VOLTAGE, AS INDICATED ON DRAWINGS	¥ <b>⊕</b>	30A, 250V RECEPTACLE (NEMA L6-30R)	HB О	HIGH BAY SENSOR  WALL MOUNTED OCCUPANCY SENSOR.		LITHITY METER	75	INDUCTION MOTOR, 3Ø, NUMERAL INDICATES	MTG HT N/A	MOUNTING HEIGHT  NOT APPLICABLE	-
		$\bigoplus$	20A, 125/250V, 3P, 4W RECEPTACLE (NEMA L14-20R)	OS	WALL MOUNTED SENSORS ARE DUAL TECHNOLOGY UNO. A LOWERCASE LETTER	<b>─</b>	UTILITY METER		HORSEPOWER	NEC NEMA	NATIONAL ELECTRIC CODE  NATIONAL ELEC. MFR. ASSOCIATION	-
	SWITCH RATING SIZE OF FUSES (WHEN INDICATED FUSIBLE)	<u>+</u>			INDICATES CONTROLLED LOAD.	DM	DIGITAL METER INSTALLED IN PANEL	1/2	INDUCTION MOTOR, 1Ø, NUMERAL INDICATES HORSEPOWER	NF NO	NON FUSED  NORMALLY OPEN	-
NS 4545	3-POLE, 240VAC-600VAC, HEAVY DUTY, SINGLE THROW NON-FUSIBLE (UNLESS INDICATED	<u>Ф</u>	30A, 125/250V, 3P, 4W RECEPTACLE (NEMA L14-30R)	(DS) <sup>a</sup>	CEILING MOUNTED INDOOR DAYLIGHT SENSOR. A LOWERCASE LETTER INDICATES CONTROLLED ZONE.	MTS	MANUAL TRANSFER SWITCH		PRIMARY FUSES	NC	NORMALLY CLOSED	-
AS,45AF  WP	OTHERWISE) SAFETY SWITCH, HP RATED IN A NEMA 250, TYPE 1, ENCLOSURE (UNLESS	$\bigotimes$	20A, 250V, 3P, 4W RECEPTACLEACLE (NEMA L15-20R)	OL CI	OPEN LOOP SENSOR CLOSED LOOP SENSOR		MAIN GROUND BAR	H1 \( \dagger 480V \( \dagger \text{ H4} \)	I INIVIAIN I I USES	NIC NL	NOT IN CONTRACT NIGHT LIGHT	-
VVV	INDICATES IN A NEMA 250, TYPE 2P	$\square$	30A, 250V, 3P, 4W RECEPTACLE (NEMA L15-30R)	SL	MOUNTED TO SKYLIGHT				CONTROL TRANSFORMER, DESCRIPTION AND RATING AS INDICATED ON DRAWINGS	NTS OL	NOT TO SCALE THERMAL OVERLOAD DEVICE	-
	INDICATES IN A NEMA 250, TYPE 3R, ENCLOSURE (TYP. FOR ALL DEVICES)		30A, 480V, 3P 4W RECEPTACLE (NEMA L16-30R)	a	LOW VOLTAGE WALL STATION WITH INTEGRAL			X1 120V X2	ODOLIND OF CONDADY TERMINAL TOO	PH, Ø	PHASE PANEL	-
	INDICATES FUSIBLE (THREE CLASS RK5 FUSES)	¥	20A, 120/208V, 4P, 5W RECEPTACLE (NEMA L21-20R)	L	LED STATUS INDICATORS. A LOWERCASE LETTER INDICATES A CONTROLLED LOAD.		ANNOTATIONS		GROUND SECONDARY TERMINAL "X2"  SECONDARY FUSE	PVC	POLYVINYL CHLORIDE RIGID CONDUIT	-
S <sub>M</sub>	MANUAL MOTOR STARTER WITH THERMAL	<u> </u>	30A, 120/208V, 4P, 5W RECEPTACLE (NEMA L21-30R)		MODULAR RELAY CONTROL UNIT.	SYMBOL	DESCRIPTION			RGS,RMC SCCR	GALVANIZED RIGID METAL CONDUIT SHORT CIRCUIT CURRENT RATING	
	OVERLOAD PROTECTION, TYPE AND RATINGS AS INDICATED ON THE DRAWINGS	$\bigcirc$	30A, 250/125V, 4P, 5W IEC PIN & SLEEVE	LC01	SELF-CONTAINED CLASS 2 TRANSFORMER WITH ONE OR MORE RELAYS. 120/277V DUAL VOLTAGE INPUT FROM UNSWITCHED BRANCH		KEYED NOTE TAG, NOTE NO. 1 SHOWN.		NORMALLY OPEN CONTACT	SSBJ STR	SUPPLY-SIDE BONDING JUMPER SUBCONTRACT TECHNICAL REP.	-
S <sub>D</sub>	TOGGLE TYPE MOTOR RATED SWITCHED DISCONNECT AND ENCLOSURE WITH	±	30A, 480V, 3P 4W I.E.C. PIN & SLEEVE		CIRCUIT.	AC	EQUIPMENT TAG, AIR CONDITIONING UNIT NO. 1 SHOWN. MECHANICAL EQUIPMENT AND		NORMALLY CLOSED CONTACT	SW.	SWITCH SWITCHBOARD	- -
	LOCKOUT/TAGOUT	<b>*</b>	60A, 250/125V, 4P, 5W IEC PIN & SLEEVE	D a,ZTV	LOW VOLTAGE MODULAR DIMMING RELAY. 0-10V DIMMING UNO. A LOWERCASE LETTER INDICATES CONTROLLED ZONE.	1	ABBREVIATIONS TO MATCH MECHANICAL PLANS.	~~~~	THERMAL OVERLOAD ELEMENT	SWGR	SWITCHGEAR	Sheet Title
	MOTOR STARTER, TYPE AND RATINGS AS INDICATED ON THE DRAWINGS. COORDINATE CONTROL WIRING VOLTAGE WITH	Ψ				100	ROOM IDENTIFICATION TAG, ROOM NO. 100			SYS. TDC	SYSTEM TIME DELAY CLOSE	ELECTRICAL LEGENDS,
	MECHANICAL EQUIPMENT.	lacksquare	60A, 480V, 3P 4W IEC PIN & SLEEVE	Sa	LOW VOLTAGE MODULAR ON/OFF SWITCHING RELAY. A LOWER CASE LETTER INDICATES A CONTROLLED ZONE.	100	SHOWN.			TDO TEL.	TIME DELAY OPEN TELEPHONE	NOTES AND ABBREVIATION
⊠h	COMBINATION MOTOR STARTER, WITH INTEGRAL DISCONNECT SWITCH/MOLDED	$\mathbf{\Theta}$	100A, 250/125V, 4P, 5W IEC PIN & SLEEVE			<u></u>	REVISION DELTA TAG, REVISION NO. 0 SHOWN.			TP TSD	TWISTED PAIR	- -
	CASE CIRCUIT BREAKER, HP RATED, TYPE AND RATINGS AS INDICATED ON THE	$oldsymbol{ abla}$	100A, 480V, 3P 4W IEC PIN & SLEEVE	cs <sub>#</sub>	ELECTRICAL VEHICLE CHARGING STATION - CHARGEPOINT CT4000 LEVEL 2 COMMERCIAL CHARGING STATION.					TSP TYP.	TWISTED SHIELDED PAIR  TYPICAL	
	DRAWINGS. COORDINATE CONTROL WIRING VOLTAGE WITH MECHANICAL EQUIPMENT.		120/24V POWER SUPPLY FUNCTIONAL		# NUMBER INDICATES					UNO V	UNLESS NOTED OTHERWISE  VOLT	Dwg. No. PLE2021-0432-0001D
•	DRIVEN GROUND ROD, 3/4"Øx10' LONG	PS	DEVICES #PSH500AB10-LVC		1 - SINGLE PORT CT4011 BOLLARD STATION 2 - DUAL PORT CT 4021 BOLLARD STATION			NOTES:		VA VFD	VOLT-AMPERE	Sht. No.
								1. THIS IS	A STANDARD LEGEND SHEET. SYMBOLS OR ABBREVIATIONS MAY	WP	WEATHERPROOF	E-001
$\odot$	DRIVEN GROUND ROD, 3/4"Øx10' LONG IN GROUND WELL							APPEAR	R ON THIS SHEET AND NOT ON THE CT DRAWINGS.	XFMR ZTV	TRANSFORMER 0-10V WIRING	
								FRUJE	OT DIVINATINGO.			1