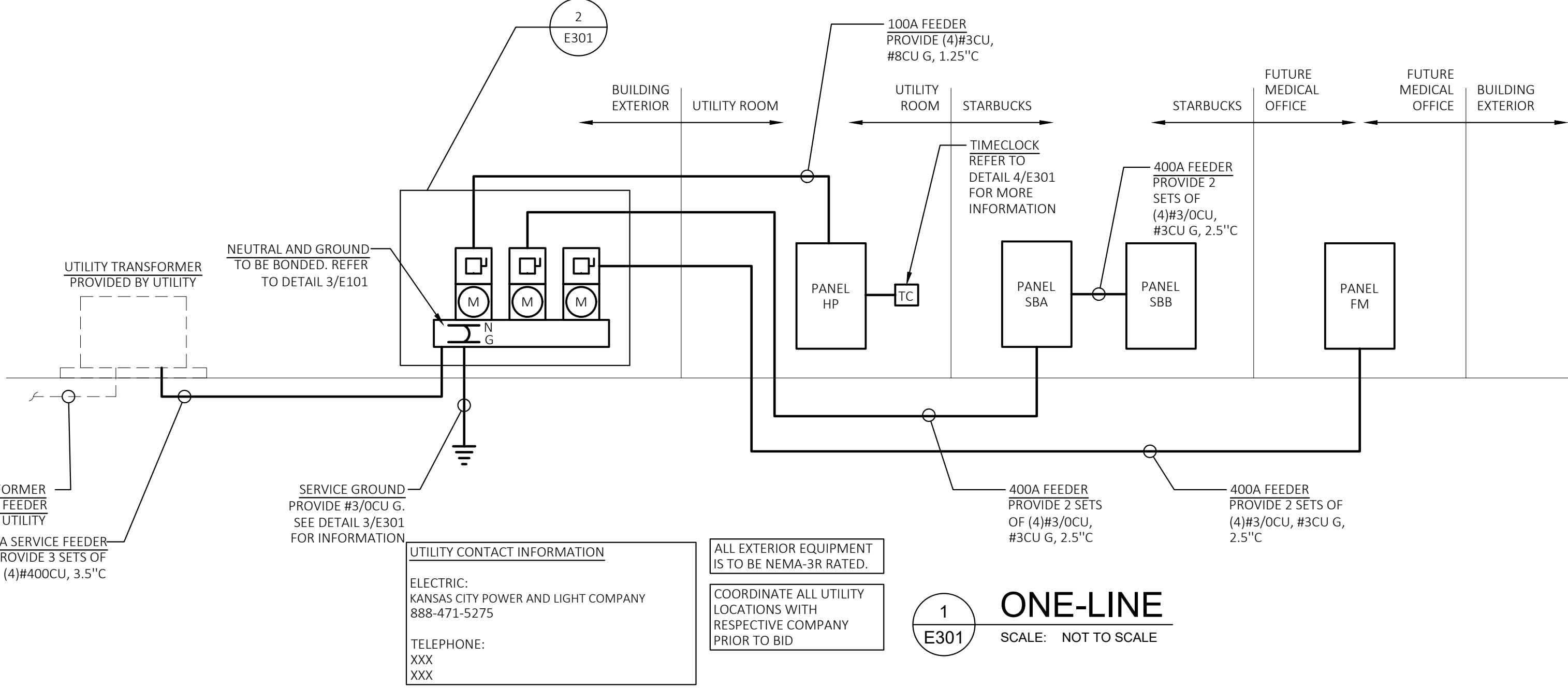
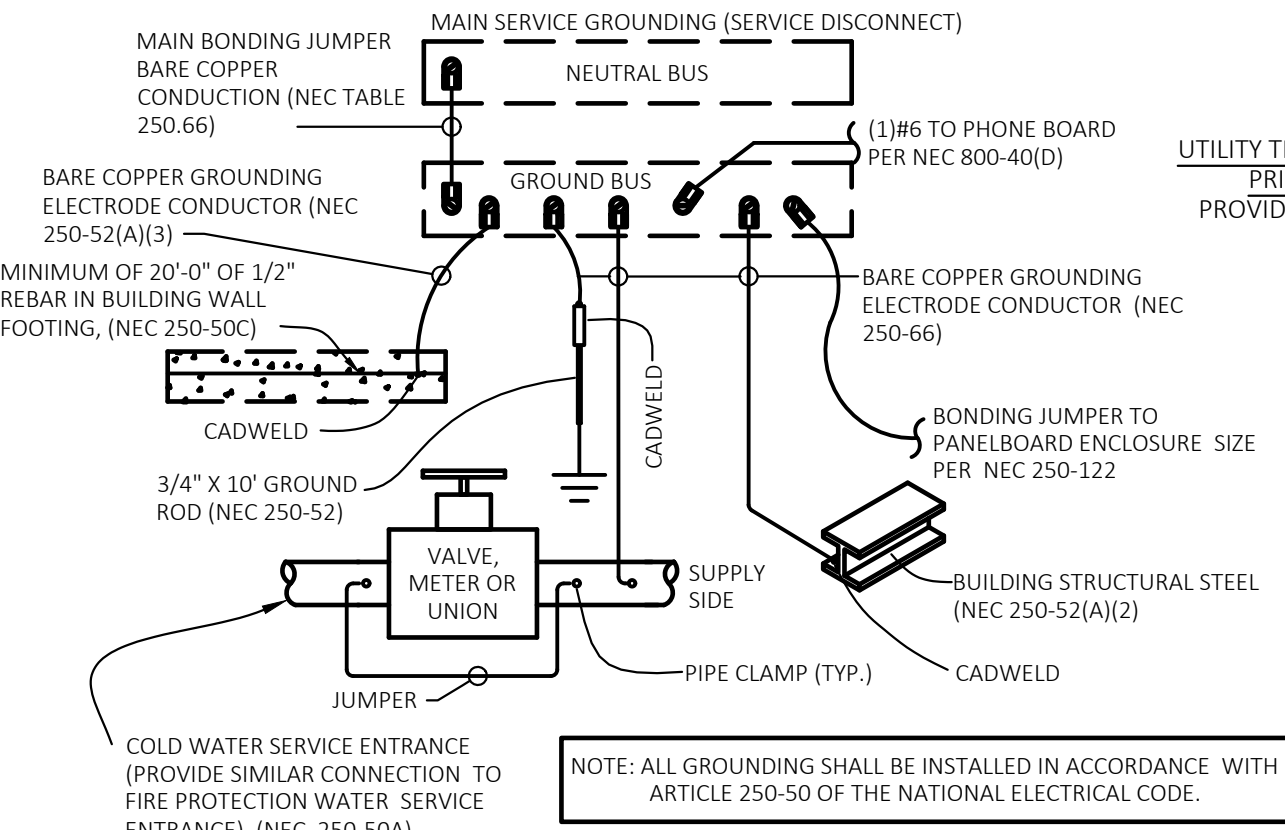


GENERAL GROUNDING NOTES

- A. FULL SIZE GROUND MEANS THAT GROUND CONNECTOR SIZE SHALL BE AS SHOWN ON SERVICE EQUIPMENT ON THE POWER RISER DIAGRAM.
- B. AFTER GROUNDING SYSTEM IS INSTALLED, GROUND RESISTANCE SHALL BE MEASURED, TO ASSURE THAT GROUND VALUE OF 15 OHM MAXIMUM RESISTANCE IS ACHIEVED. IF NOT, ADDITIONAL GROUNDING SHALL BE PROVIDED TO MEET THE SPECIFIC VALUE.
- C. ALL CONNECTIONS TO GROUND RODS SHALL BE EXOTHERMIC WELD CONNECTIONS
- D. WHERE LOCATED OUTSIDE OF BUILDING, TOP OF GROUND ROD SHALL BE 12" (MINIMUM) BELOW GRADE. PROVIDE NON-METALIC INSPECTION WELL WITH REMOVABLE COVER.
- E. GROUND CONNECTOR SHALL BE LOCATED WITHIN OR NEAR BOTTOM OF CONCRETE FOUNDATION OR FOOTING THAT IS IN DIRECT CONTACT WITH THE EARTH, AND SHALL CONSIST OF AT LEAST 20 FEET OF ONE OR MORE STEEL REINFORCING BARS OR RODS OF NOT LESS THAN 1/2 INCH DIAMETER OR OF AT LEAST 20 FEET OF BARE COPPER CONDUCTOR.
- F. SEE THE RISER DIAGRAM DETAIL 1/E301 FOR THE SIZE OF THE MAIN BONDING JUMPER AND BARE COPPER GROUNDING ELECTRODE CONDUCTORS.
- G. NOT ALL GROUNDING OPTIONS MAY APPLY. CONTRACTOR TO VERIFY AVAILABLE GROUNDING METHODS.



LIGHTING FIXTURE SCHEDULE

PLAN MARK	MANUFACTURER	CATALOG NO.	LAMP DATA		REMARKS AND MOUNTING HEIGHT TO BOTTOM OF LIGHT FIXTURE	WATTS PER FIXTURE	FIXTURE QUANTITY
			** NO.	WATTAGE & LAMPS			
A	LITHONIA	DSX0 LED-P8-40K-BLC-208-RPA-DDB		LED FURNISHED WITH FIXTURE	13" W x 26" L x 7" H HEAD MOUNTED ON A EXISTING 28" TALL ROUND POLE, 70 CRI, 4000K, 13000 LUMENS, WET LOCATION LISTED, COORDINATE POLE DRILL HOLES WITH THE EXISTING POLES	134	5
B	LITHONIA	DSXW1 LED-20C-530-30K-T2M-1VOLT-DOBXD		LED FURNISHED WITH FIXTURE	14" W x 7" H x 10" D WALL PACK, 70CRI, 3000K, 3887 LUMENS, SURFACE MOUNTED 8'-0" AFF TO BOTTOM OF FIXTURE UNLESS OTHERWISE NOTED.	36	6
C	LITHONIA	OLLWU LED-P1-40K-1VOLT-DOB		LED FURNISHED WITH FIXTURE	5" W x 10" H x 4" D WALL SCNCE, UP AND DOWN LIGHT, 70CRI, 4000K, 947 LUMENS, SURFACE MOUNTED 8'-0" AFF TO BOTTOM OF FIXTURE UNLESS OTHERWISE NOTED.	14	7
D	PORTFOLIO	LD6B-15-D010-EU6B-1020-80-30-6LB-W-1-MB		LED FURNISHED WITH FIXTURE	7" W x 6" H DOWN LIGHT MOUNTED WITHIN THE CANOPY 10'-0" AFF UNLESS NOTED OTHERWISE	11	5
X	LITHONIA	AFF-OEL-DOBTXD-1VOLT-LTP-SDRT-WT-CW		LED FURNISHED WITH FIXTURE	7" W x 10" H x 4" D EXTERIOR EMERGENCY LIGHT, SURFACE MOUNT WITH BOTTOM OF FIXTURE AT 8'-0" AFF, LITHIUM ION PHOSPHATE BATTERY, OUTPUTS FOR 90 MINUTES AFTER LOSS OF POWER, LISTED FOR COLD WEATHER AND WET LOCATION	12	4

** LAMPS LED; I - INCANDESCENT; F - FLUORESCENT; CF - COMPACT FLUORESCENT; MH - METAL HALIDE

- NOTE:
- A. PRIOR TO THE INSTALLATION OF ALL EXIT SIGNS AND EMERGENCY LIGHTS, THE ELECTRICAL CONTRACTOR SHALL VERIFY WITH THE GC AND FIRE DEPARTMENT INSPECTOR THE FINAL APPROVED LOCATIONS.
- B. LIGHT FIXTURE QUANTITIES ARE APPROXIMATE CONTRACTOR IS RESPONSIBLE FOR VERIFYING FIXTURE COUNT

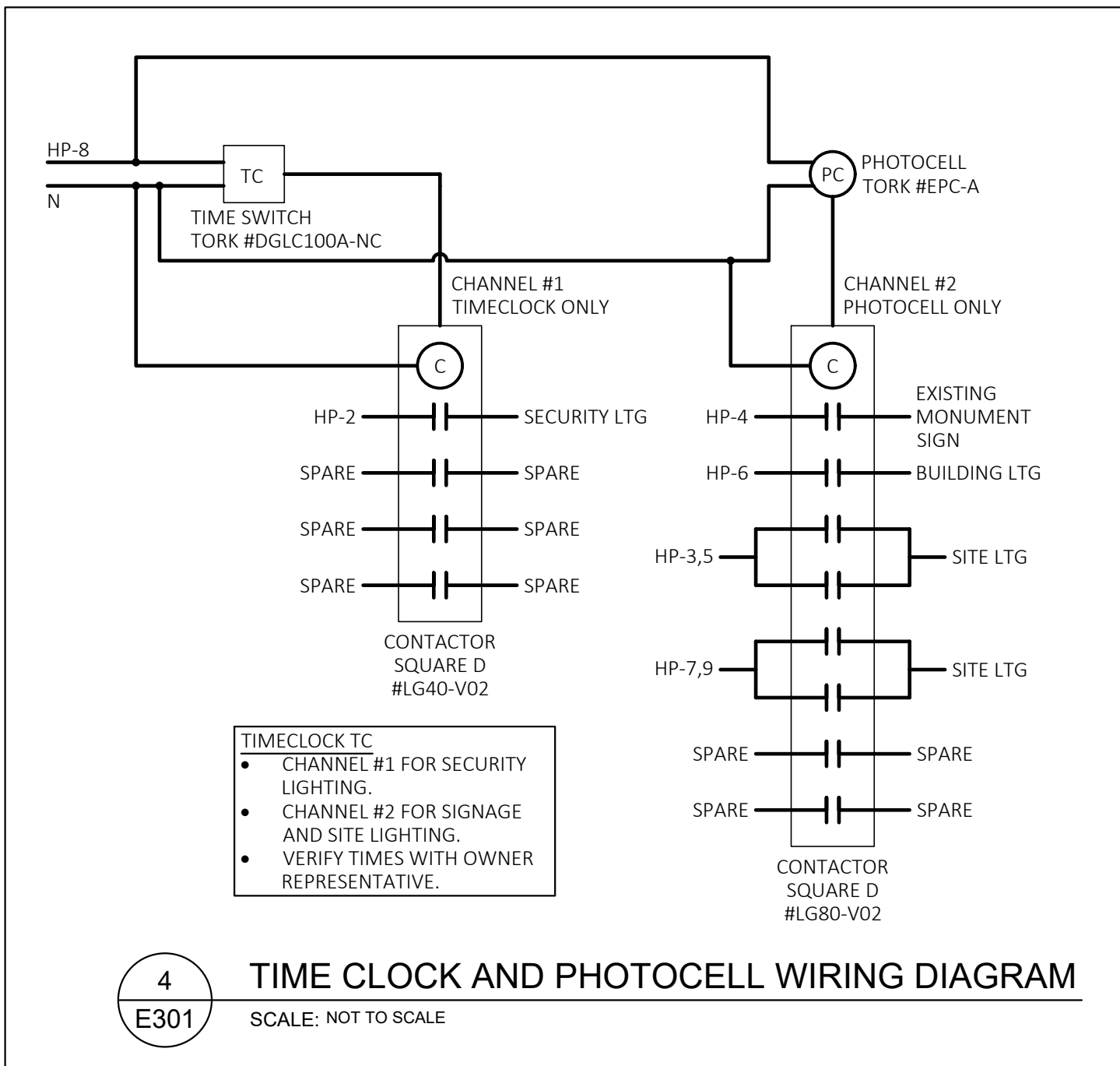
EQUIPMENT SCHEDULE									
FILE: 320488_LOAD.xls									
PLAN MARK	EQUIPMENT SERVED	LOAD	VOLT/ PHASE	FED BY	DISC BY	MCA	MOC PD	FEEDER	REMARKS
RTU 1	ROOF TOP UNIT	15.20KVA	208/3	SBA	EC	42.2A	50A	(3) #6, #8G 3/4" C	
RTU 2	ROOF TOP UNIT	15.20KVA	208/3	SBA	EC	42.2A	50A	(3) #6, #8G 3/4" C	
FF 1	FLY FAN	0.77KVA	120/1	SBA	EC	6.4A	20A	1/2" C W/ PULL STRINGS	MARS #STD248-1U-OB
DAC 1	DRIVE-THRU AIR CURTAIN	7.07KVA	208/1	SBA	EC	34.0A	40A	(2) #8, #10G 3/4" C	AA300-275 PASS-THRU AIR CURTAIN
DW 1	DRIVE-THRU WINDOW	0.96KVA	120/1	SBA	EC	8.0A	15A	(2) #12, #12G 1/2" C	275 SERIES WINDOW

ABBREVIATIONS

(NOTE: NOT ALL ABBREVIATIONS ARE USED)

AFF	ABOVE FINISHED FLOOR	DIM	DIMMER	IG	ISOLATED GROUND
AL	ALUMINUM	DISC SW	DISCONNECT SWITCH	JB	JUNCTION BOX
AMP	AMPERE	DP	DOUBLE POLE	MCB	MAIN CIRCUIT BREAKER
ATS	AUTO-TRANSFER-SWITCH	DT	DOUBLE THROW	MDP	MAIN DISTRIBUTION PANEL
BFG	BELOW FINISHED GRADE	DPP	DISTRIBUTION POWER PANEL	MLO	MAIN LUG ONLY
BLDG	BUILDING	EC	EMPTY CONDUIT	MTD HT	MOUNTING HEIGHT
CB	CIRCUIT BREAKER	EF	EXHAUST FAN	NF	NON FUSED
CKT	CIRCUIT	EM	EMERGENCY	NIC	NOT IN CONTRACT
CLG	CEILING	EWG	ELECTRIC WATER COOLER	RTU	ROOF TOP UNIT
COND OR "C"	CONDUIT	EXIST'G	EXISTING	SW	SWITCH
CONN	CONNECT	FL	FLOOR	UG	UNDER GROUND
CONT	CONTRACTOR	FLUOR	FLUORESCENT	UNO	UNLESS NOTED OTHERWISE
CU	COPPER	GFCI	GROUND FAULT CURRENT INTERRUPTER	WP	WEATHER-PROOF
C/T	CURRENT TRANSFORMER	GND OR (G)	GROUND	XFMR	TRANSFORMER

ELECTRICAL SYMBOLS (NOT ALL SYMBOLS ARE USED)	
LIGHTNING	CONDUIT
CKT. A LP-1a FIXT. TYPE SWITCH	() CONDUIT CONCEALED IN WALLS OR CEILING
WALL SCNCE	() CONDUIT UNDER GROUND
CANOPY LIGHT	LP-1,3 HOME RUN
WALL PACK	GROUND
POLE LIGHT	#1/0 CU.
EXTERIOR 90 MIN BATTERY BACK-UP EMERGENCY HEADS	
MISCELLANEOUS	GENERAL
RTU 1 EQUIPMENT CALL OUT	RTU 1 EQUIPMENT CALL OUT
4 ELECTRICAL KEYED NOTE DESIGNATION	4 ELECTRICAL KEYED NOTE DESIGNATION
REVISION SYMBOL	REVISION SYMBOL
POWER AND CONTROLS	
PANELBOARD	PANELBOARD
DISCONNECT SWITCH	DISCONNECT SWITCH
RECEPTACLES	
DUPLX RECEPTACLE 16" AFF TO BOTTOM, UNO.	DUPLX RECEPTACLE 16" AFF TO BOTTOM, UNO.
GFCI DUPLX RECEPTACLE 16" AFF TO BOTTOM, UNO	GFCI DUPLX RECEPTACLE 16" AFF TO BOTTOM, UNO
SPECIAL RECEPTACLE	SPECIAL RECEPTACLE



No.	Description	Date
05/12/20	Owner Review	06/04/20
06/04/20	Owner Revision 2	