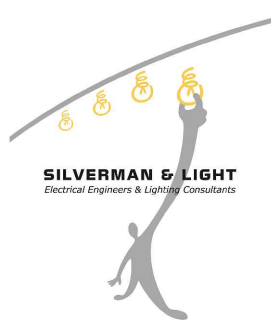
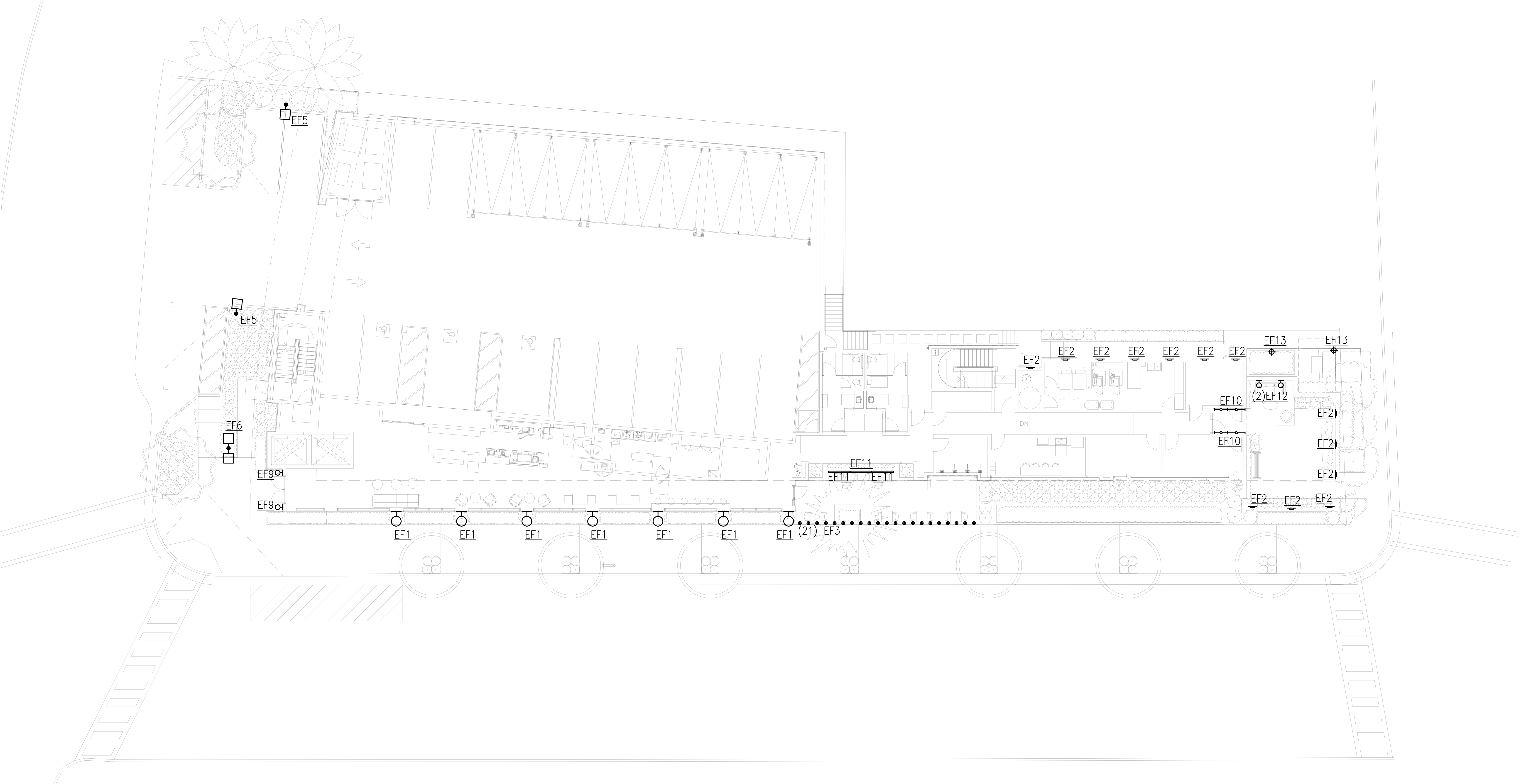
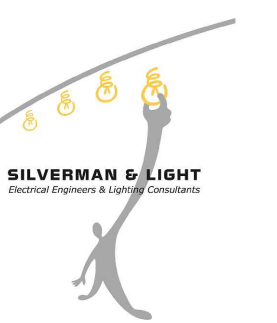
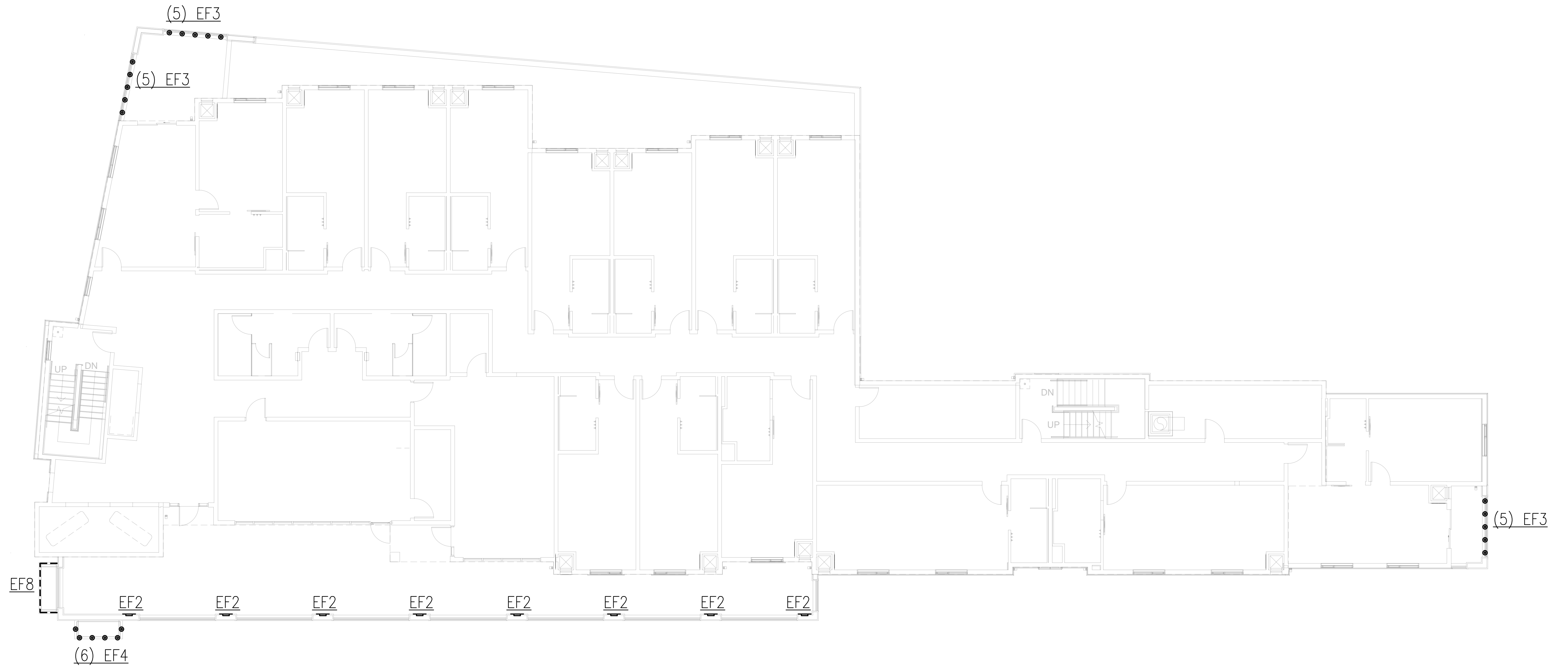


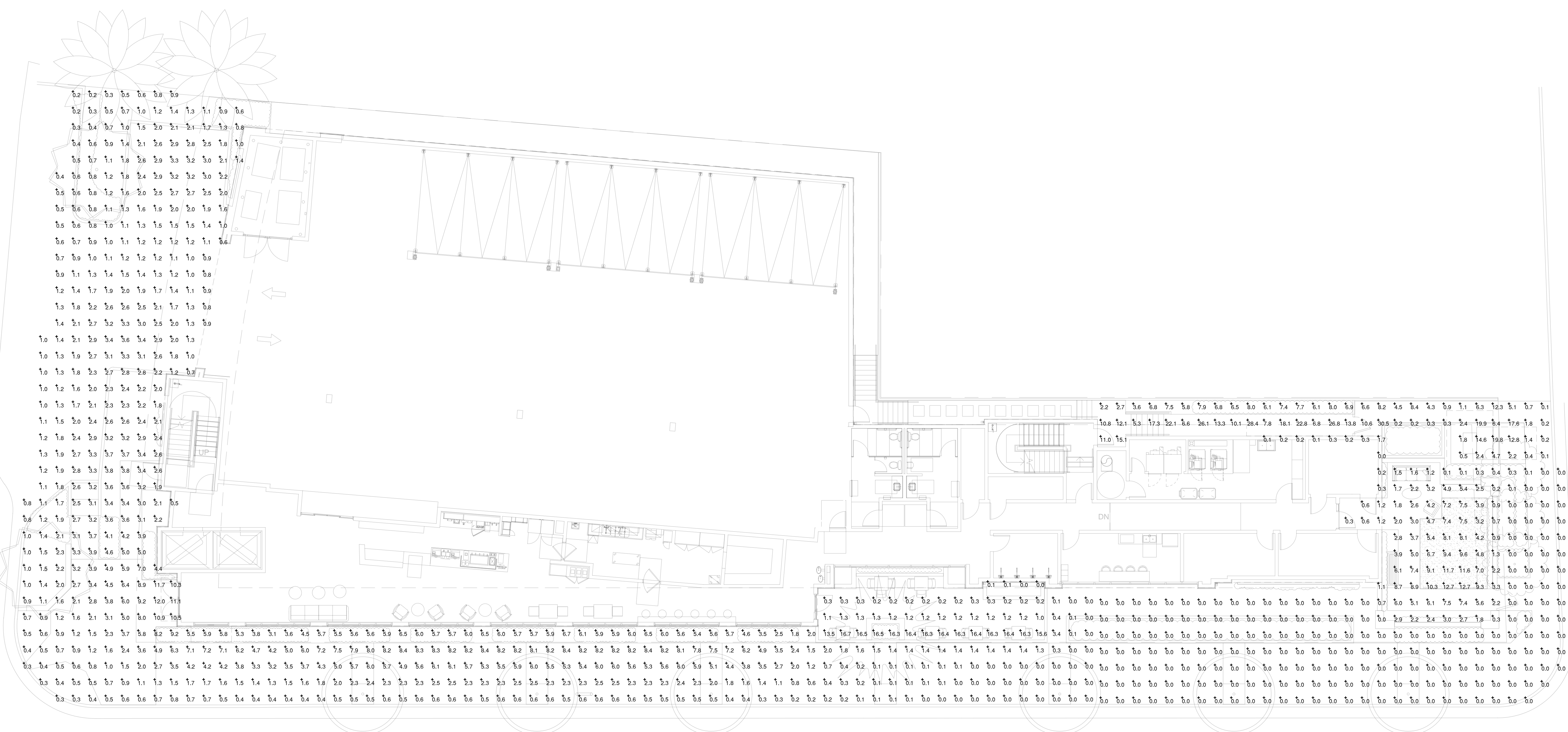
SYMBOLS LIST		DRAWING INDEX		GENERAL NOTES																																																																																																																																																																																																																						
<p>LIGHTING</p>	<p>POWER</p>	<p>RACEWAYS</p>	<p>EO.01 SYMBOLS LIST, GENERAL NOTES, ABBREVIATIONS & DRAWING INDEX EO.02 FIXTURE SCHEDULE</p> <p>E1.01 EXTERIOR AND SITE LIGHTING PLAN - LEVEL 1 E1.02 EXTERIOR LIGHTING PLAN - LEVEL 2 E1.11 EXTERIOR AND SITE PHOTOMETRIC PLAN - LEVEL 1 E1.12 EXTERIOR PHOTOMETRIC PLAN - LEVEL 2</p>	<ol style="list-style-type: none"> 1. MAINTAIN FIRE RATING OF ALL FLOORS, CEILINGS AND WALLS PENETRATED BY ELECTRICAL WORK. 2. ELECTRICAL DEVICE OPENINGS IN FIRE RATED WALLS SHALL NOT EXCEED 16 SQUARE INCHES, AND SHALL NOT EXCEED 100 SQUARE INCHES PER 100 SQUARE FEET OF WALL AREA. DEVICE OPENINGS ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE HORIZONTALLY SEPARATED BY A MINIMUM OF 24 INCHES. 3. ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION PER THE 2013 CALIFORNIA BUILDING CODE. 4. VERIFY CIRCUIT VOLTAGE OF SUPPLY CIRCUIT SHOWN ON PLANS FOR ALL LIGHT FIXTURES. PROVIDE FIXTURES/DRIVERS SUITABLE FOR SUPPLY CIRCUIT VOLTAGE. 5. UNLESS OTHERWISE NOTED, CONDUIT ROUTING, IF SHOWN, IS ESSENTIALLY DIAGRAMATIC. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF UTILITIES AND OTHER TRADES. 6. INSTALL AND CONNECT A CODE SIZED INSULATED COPPER EQUIPMENT GROUNDING CONDUCTOR IN ALL BRANCH CIRCUIT AND FEEDER CONDUITS. THESE EQUIPMENT GROUND WIRES ARE NOT SHOWN ON THE PLANS; INCREASE CONDUIT SIZE WHERE REQUIRED. 7. INSTALL A POLYETHYLENE PULLING ROPE IN ALL EMPTY CONDUITS. 8. MOUNTING HEIGHTS SHOWN ARE FROM FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE, U.O.N. ALL MOUNTING HEIGHTS SHALL BE AS SHOWN ON THE SYMBOLS LIST UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS. 9. ALL CONDUIT AND RACEWAY PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE MADE IN ACCORDANCE WITH 2013 CALIFORNIA BUILDING CODE, CHAPTER 7. 10. ALL CIRCUITS SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR. OTHERWISE, FOR MULTI-WIRE BRANCH CIRCUITS USE MULTI-POLE (HANDLE-TIE) CIRCUIT BREAKERS. 11. SUBSCRIPTS ON SWITCH SYMBOLS (S_n) DENOTE THE FIXTURE CONTROLLED. 12. VERIFY THE EXACT LOCATION OF ALL EQUIPMENT FURNISHED BY OTHERS PRIOR TO DETERMINING CONDUIT TERMINATION POINTS. 13. VERIFY CEILING TYPE FOR ALL FIXTURES. PROVIDE MOUNTING/TRIM HARDWARE SUITABLE FOR CEILING CONTAINING EACH FIXTURE. 14. ALL WIRING DEVICES SHALL BE PERMANENTLY LABELED WITH PANEL AND CIRCUIT NUMBER SUPPLYING THEM. 15. ALL EQUIPMENT TO BE INSTALLED OR PERMANENTLY CONNECTED (HARDWIRED) SHALL BE LISTED, LABELED OR CERTIFIED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL). 16. ALL RECEPTACLES, SWITCHES, AND JUNCTION BOXES SHALL BE COLOR CODED AND IDENTIFIED PER THE DIVISION 26 SPECIFICATIONS. ALL EMERGENCY SYSTEM DEVICES AND COVERPLATES SHALL BE RED IN COLOR. 																																																																																																																																																																																																																						
<p>LIGHTING CONTROL</p>	<p>CONVENTIONS</p>	<p>ABBREVIATIONS</p> <table border="0"> <tr> <td>AC</td><td>ALTERNATING CURRENT</td> <td>NL</td><td>NIGHT LIGHT</td> </tr> <tr> <td>A/C</td><td>AIR CONDITIONER</td> <td>NTS</td><td>NOT TO SCALE</td> </tr> <tr> <td>AFF</td><td>ABOVE FINISHED FLOOR</td> <td>N/A or NA</td><td>NOT APPLICABLE</td> </tr> <tr> <td>ALT</td><td>ALTERNATE</td> <td>NO</td><td>NUMBER</td> </tr> <tr> <td>AA/FA</td><td>AMBIENT AIR/FORCED AIR</td> <td>N/C</td><td>NOT IN CONTRACT</td> </tr> <tr> <td>AUX</td><td>AUXILIARY</td> <td>NF</td><td>NONFUSIBLE</td> </tr> <tr> <td>A OR AMP</td><td>AMPERE</td> <td>NPA</td><td>NATIONAL PURCHASING AGREEMENT</td> </tr> <tr> <td>A.T.S</td><td>AUTOMATIC TRANSFER SWITCH</td> <td>OC</td><td>ON CENTER</td> </tr> <tr> <td>BD</td><td>BOARD</td> <td>PH</td><td>PHASE</td> </tr> <tr> <td>CB</td><td>CIRCUIT BREAKER</td> <td>PBL</td><td>PANEL</td> </tr> <tr> <td>C</td><td>CONDUIT</td> <td>PB</td><td>PULL BOX</td> </tr> <tr> <td>CAB</td><td>CABINET</td> <td>PVC</td><td>POLYVINYL CHLORIDE</td> </tr> <tr> <td>CLG</td><td>CEILING</td> <td>P</td><td>POLE</td> </tr> <tr> <td>CCT</td><td>CIRCUIT</td> <td>PT</td><td>POTENTIAL TRANSFORMER</td> </tr> <tr> <td>COAX</td><td>COAXIAL</td> <td>RECEPT</td><td>RECEPTACLE</td> </tr> <tr> <td>CONT</td><td>CONTINUOUS</td> <td>REQ'D.</td><td>REQUIRED</td> </tr> <tr> <td>CONTR</td><td>CONTRACTOR</td> <td>RM</td><td>ROOM</td> </tr> <tr> <td>CORR.</td><td>CORRIDOR</td> <td>S</td><td>SAFETY</td> </tr> <tr> <td>CRT</td><td>CATHODE RAY TUBE</td> <td>S/N</td><td>SOLID NEUTRAL</td> </tr> <tr> <td>CT</td><td>CURRENT TRANSFORMER</td> <td>SES</td><td>SERVICE ENTRANCE SECTION</td> </tr> <tr> <td>DGP</td><td>DATA GATHERING PANEL</td> <td>SHT</td><td>SHEET</td> </tr> <tr> <td>DA</td><td>DIAMETER</td> <td>STD</td><td>STANDARD</td> </tr> <tr> <td>DIAG</td><td>DIAGRAM</td> <td>SWT</td><td>SWITCH</td> </tr> <tr> <td>DC</td><td>DIRECT CURRENT</td> <td>SWB</td><td>SWITCHBOARD</td> </tr> <tr> <td>DISC</td><td>DISCONNECT</td> <td>TELE</td><td>TELEPHONE</td> </tr> <tr> <td>DIST</td><td>DISTRIBUTION</td> <td>TTB</td><td>TELEPHONE TERMINAL BOARD</td> </tr> <tr> <td>DN</td><td>DOWN</td> <td>TV</td><td>TELEVISION</td> </tr> <tr> <td>DPST</td><td>DOUBLE POLE SINGLE THROW</td> <td>TS</td><td>TIME SWITCH</td> </tr> <tr> <td>DSD</td><td>DUCT SMOKE DETECTOR</td> <td>TP</td><td>TAMPER PROOF</td> </tr> <tr> <td>EC</td><td>EMPTY CONDUIT</td> <td>T</td><td>TRANSFORMER</td> </tr> <tr> <td>ELEC</td><td>ELECTRICAL</td> <td>TYP</td><td>TYPICAL</td> </tr> <tr> <td>EMT</td><td>ELECTRICAL METALLIC TUBING</td> <td>TC</td><td>TIMECLOCK</td> </tr> <tr> <td>EP</td><td>EMERGENCY POWER</td> <td>UF</td><td>UNDERFLOOR</td> </tr> <tr> <td>EPO</td><td>EMERGENCY POWER OFF</td> <td>UG</td><td>UNDERGROUND</td> </tr> <tr> <td>ELUGP</td><td>EXISTING UNDERGROUND PRIMARY</td> <td>UGE</td><td>UNDERGROUND ELECTRIC</td> </tr> <tr> <td>ELUGS</td><td>EXISTING UNDERGROUND SECONDARY</td> <td>UGP</td><td>UNDERGROUND PRIMARY</td> </tr> <tr> <td>EWC</td><td>ELECTRIC WATER COOLER</td> <td>UGS</td><td>UNDERGROUND SECONDARY</td> </tr> <tr> <td>EXP</td><td>EXPLOSION PROOF</td> <td>UON</td><td>UNLESS OTHERWISE NOTED</td> </tr> <tr> <td>FIXT</td><td>FIXTURE</td> <td>V</td><td>VOLT</td> </tr> <tr> <td>FLEX</td><td>FLEXIBLE</td> <td>VA</td><td>VOLTAMPERE</td> </tr> <tr> <td>FLR</td><td>FLOOR</td> <td>VFD</td><td>VARIABLE FREQUENCY DRIVE</td> </tr> <tr> <td>FVNR</td><td>FULL VOLTAGE, NON REVERSING</td> <td>WW</td><td>WIREWAY</td> </tr> <tr> <td>GFI</td><td>GROUND FAULT INTERRUPTER</td> <td>W</td><td>WATT OR WIRE</td> </tr> <tr> <td>GFP</td><td>GROUND FAULT PROTECTION</td> <td>WP</td><td>WEATHERPROOF</td> </tr> <tr> <td>GRC</td><td>GALVANIZED RIGID CONDUIT</td> <td>XFMR</td><td>TRANSFORMER</td> </tr> <tr> <td>GRD</td><td>GROUND</td> <td></td><td></td> </tr> <tr> <td>GFCT</td><td>GROUND FAULT CURRENT TRANSFORMER</td> <td></td><td></td> </tr> <tr> <td>HG</td><td>HOSPITAL GRADE</td> <td></td><td></td> </tr> <tr> <td>HGT</td><td>HEIGHT</td> <td></td><td></td> </tr> <tr> <td>HP</td><td>HORSEPOWER</td> <td></td><td></td> </tr> <tr> <td>HTR</td><td>HEATER</td> <td></td><td></td> </tr> <tr> <td>HZ</td><td>HERTZ</td> <td></td><td></td> </tr> <tr> <td>IMC</td><td>INTERMEDIATE METAL CONDUIT</td> <td></td><td></td> </tr> <tr> <td>ISO</td><td>ISOLATED</td> <td></td><td></td> </tr> </table>	AC		ALTERNATING CURRENT	NL	NIGHT LIGHT	A/C	AIR CONDITIONER	NTS	NOT TO SCALE	AFF	ABOVE FINISHED FLOOR	N/A or NA	NOT APPLICABLE	ALT	ALTERNATE	NO	NUMBER	AA/FA	AMBIENT AIR/FORCED AIR	N/C	NOT IN CONTRACT	AUX	AUXILIARY	NF	NONFUSIBLE	A OR AMP	AMPERE	NPA	NATIONAL PURCHASING AGREEMENT	A.T.S	AUTOMATIC TRANSFER SWITCH	OC	ON CENTER	BD	BOARD	PH	PHASE	CB	CIRCUIT BREAKER	PBL	PANEL	C	CONDUIT	PB	PULL BOX	CAB	CABINET	PVC	POLYVINYL CHLORIDE	CLG	CEILING	P	POLE	CCT	CIRCUIT	PT	POTENTIAL TRANSFORMER	COAX	COAXIAL	RECEPT	RECEPTACLE	CONT	CONTINUOUS	REQ'D.	REQUIRED	CONTR	CONTRACTOR	RM	ROOM	CORR.	CORRIDOR	S	SAFETY	CRT	CATHODE RAY TUBE	S/N	SOLID NEUTRAL	CT	CURRENT TRANSFORMER	SES	SERVICE ENTRANCE SECTION	DGP	DATA GATHERING PANEL	SHT	SHEET	DA	DIAMETER	STD	STANDARD	DIAG	DIAGRAM	SWT	SWITCH	DC	DIRECT CURRENT	SWB	SWITCHBOARD	DISC	DISCONNECT	TELE	TELEPHONE	DIST	DISTRIBUTION	TTB	TELEPHONE TERMINAL BOARD	DN	DOWN	TV	TELEVISION	DPST	DOUBLE POLE SINGLE THROW	TS	TIME SWITCH	DSD	DUCT SMOKE DETECTOR	TP	TAMPER PROOF	EC	EMPTY CONDUIT	T	TRANSFORMER	ELEC	ELECTRICAL	TYP	TYPICAL	EMT	ELECTRICAL METALLIC TUBING	TC	TIMECLOCK	EP	EMERGENCY POWER	UF	UNDERFLOOR	EPO	EMERGENCY POWER OFF	UG	UNDERGROUND	ELUGP	EXISTING UNDERGROUND PRIMARY	UGE	UNDERGROUND ELECTRIC	ELUGS	EXISTING UNDERGROUND SECONDARY	UGP	UNDERGROUND PRIMARY	EWC	ELECTRIC WATER COOLER	UGS	UNDERGROUND SECONDARY	EXP	EXPLOSION PROOF	UON	UNLESS OTHERWISE NOTED	FIXT	FIXTURE	V	VOLT	FLEX	FLEXIBLE	VA	VOLTAMPERE	FLR	FLOOR	VFD	VARIABLE FREQUENCY DRIVE	FVNR	FULL VOLTAGE, NON REVERSING	WW	WIREWAY	GFI	GROUND FAULT INTERRUPTER	W	WATT OR WIRE	GFP	GROUND FAULT PROTECTION	WP	WEATHERPROOF	GRC	GALVANIZED RIGID CONDUIT	XFMR	TRANSFORMER	GRD	GROUND			GFCT	GROUND FAULT CURRENT TRANSFORMER			HG	HOSPITAL GRADE			HGT	HEIGHT			HP	HORSEPOWER			HTR	HEATER			HZ	HERTZ			IMC	INTERMEDIATE METAL CONDUIT			ISO	ISOLATED	
AC	ALTERNATING CURRENT	NL	NIGHT LIGHT																																																																																																																																																																																																																							
A/C	AIR CONDITIONER	NTS	NOT TO SCALE																																																																																																																																																																																																																							
AFF	ABOVE FINISHED FLOOR	N/A or NA	NOT APPLICABLE																																																																																																																																																																																																																							
ALT	ALTERNATE	NO	NUMBER																																																																																																																																																																																																																							
AA/FA	AMBIENT AIR/FORCED AIR	N/C	NOT IN CONTRACT																																																																																																																																																																																																																							
AUX	AUXILIARY	NF	NONFUSIBLE																																																																																																																																																																																																																							
A OR AMP	AMPERE	NPA	NATIONAL PURCHASING AGREEMENT																																																																																																																																																																																																																							
A.T.S	AUTOMATIC TRANSFER SWITCH	OC	ON CENTER																																																																																																																																																																																																																							
BD	BOARD	PH	PHASE																																																																																																																																																																																																																							
CB	CIRCUIT BREAKER	PBL	PANEL																																																																																																																																																																																																																							
C	CONDUIT	PB	PULL BOX																																																																																																																																																																																																																							
CAB	CABINET	PVC	POLYVINYL CHLORIDE																																																																																																																																																																																																																							
CLG	CEILING	P	POLE																																																																																																																																																																																																																							
CCT	CIRCUIT	PT	POTENTIAL TRANSFORMER																																																																																																																																																																																																																							
COAX	COAXIAL	RECEPT	RECEPTACLE																																																																																																																																																																																																																							
CONT	CONTINUOUS	REQ'D.	REQUIRED																																																																																																																																																																																																																							
CONTR	CONTRACTOR	RM	ROOM																																																																																																																																																																																																																							
CORR.	CORRIDOR	S	SAFETY																																																																																																																																																																																																																							
CRT	CATHODE RAY TUBE	S/N	SOLID NEUTRAL																																																																																																																																																																																																																							
CT	CURRENT TRANSFORMER	SES	SERVICE ENTRANCE SECTION																																																																																																																																																																																																																							
DGP	DATA GATHERING PANEL	SHT	SHEET																																																																																																																																																																																																																							
DA	DIAMETER	STD	STANDARD																																																																																																																																																																																																																							
DIAG	DIAGRAM	SWT	SWITCH																																																																																																																																																																																																																							
DC	DIRECT CURRENT	SWB	SWITCHBOARD																																																																																																																																																																																																																							
DISC	DISCONNECT	TELE	TELEPHONE																																																																																																																																																																																																																							
DIST	DISTRIBUTION	TTB	TELEPHONE TERMINAL BOARD																																																																																																																																																																																																																							
DN	DOWN	TV	TELEVISION																																																																																																																																																																																																																							
DPST	DOUBLE POLE SINGLE THROW	TS	TIME SWITCH																																																																																																																																																																																																																							
DSD	DUCT SMOKE DETECTOR	TP	TAMPER PROOF																																																																																																																																																																																																																							
EC	EMPTY CONDUIT	T	TRANSFORMER																																																																																																																																																																																																																							
ELEC	ELECTRICAL	TYP	TYPICAL																																																																																																																																																																																																																							
EMT	ELECTRICAL METALLIC TUBING	TC	TIMECLOCK																																																																																																																																																																																																																							
EP	EMERGENCY POWER	UF	UNDERFLOOR																																																																																																																																																																																																																							
EPO	EMERGENCY POWER OFF	UG	UNDERGROUND																																																																																																																																																																																																																							
ELUGP	EXISTING UNDERGROUND PRIMARY	UGE	UNDERGROUND ELECTRIC																																																																																																																																																																																																																							
ELUGS	EXISTING UNDERGROUND SECONDARY	UGP	UNDERGROUND PRIMARY																																																																																																																																																																																																																							
EWC	ELECTRIC WATER COOLER	UGS	UNDERGROUND SECONDARY																																																																																																																																																																																																																							
EXP	EXPLOSION PROOF	UON	UNLESS OTHERWISE NOTED																																																																																																																																																																																																																							
FIXT	FIXTURE	V	VOLT																																																																																																																																																																																																																							
FLEX	FLEXIBLE	VA	VOLTAMPERE																																																																																																																																																																																																																							
FLR	FLOOR	VFD	VARIABLE FREQUENCY DRIVE																																																																																																																																																																																																																							
FVNR	FULL VOLTAGE, NON REVERSING	WW	WIREWAY																																																																																																																																																																																																																							
GFI	GROUND FAULT INTERRUPTER	W	WATT OR WIRE																																																																																																																																																																																																																							
GFP	GROUND FAULT PROTECTION	WP	WEATHERPROOF																																																																																																																																																																																																																							
GRC	GALVANIZED RIGID CONDUIT	XFMR	TRANSFORMER																																																																																																																																																																																																																							
GRD	GROUND																																																																																																																																																																																																																									
GFCT	GROUND FAULT CURRENT TRANSFORMER																																																																																																																																																																																																																									
HG	HOSPITAL GRADE																																																																																																																																																																																																																									
HGT	HEIGHT																																																																																																																																																																																																																									
HP	HORSEPOWER																																																																																																																																																																																																																									
HTR	HEATER																																																																																																																																																																																																																									
HZ	HERTZ																																																																																																																																																																																																																									
IMC	INTERMEDIATE METAL CONDUIT																																																																																																																																																																																																																									
ISO	ISOLATED																																																																																																																																																																																																																									
			<p>JB OR J-BOX: JUNCTION BOX</p> <p>KVA: KILOVOLT AMPERE</p> <p>KW: KILOWATT</p> <p>KWH: KILOWATT HOUR</p> <p>KALC: KILO-AMPERES INTERRUPTING CURRENT</p> <p>LT: LIGHT</p> <p>LTFIX: LIGHT FIXTURE</p> <p>LV: LOW VOLTAGE</p> <p>LCP: LIGHTING CONTROL PANEL</p> <p>MFR: MANUFACTURER</p> <p>MAX: MAXIMUM</p> <p>MIN: MINIMUM</p> <p>MCC: MOTOR CONTROL CENTER</p> <p>MT: MOUNT</p> <p>MTD: MOUNTED</p> <p>MTG: MOUNTING</p> <p>MLO: MAIN LUGS ONLY</p> <p>MCB: MAIN CIRCUIT BREAKER</p>																																																																																																																																																																																																																							



EXTERIOR LIGHTING FIXTURES										
TYPE	DESCRIPTION	MANUF. / MODEL	CATALOG NUMBER	CCT	OUTPUT LUMENS	CONTROLS	WATTAGE	WATTS/FT	VOLTS	NOTES
EF1	ACCENT SCALE WALL SCONCE WITH DIRECT / INDIRECT DISTRIBUTION. DIRECT DISTRIBUTION IESNA TYPE 2, INDIRECT DISTRIBUTION NARROW BEAM.	ARCHITECTURAL AREA LIGHTING	CY1-15-3K8-3-2-PB-UNV- **FINISH-F-**FASCIA-**OPTIONS	3000K	1638	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD	15		120-277	BOTTOM OF FIXTURE TO BE MOUNTED 7'-0" ABOVE GRADE
EF2	LED RECESSED WALL STEP LIGHT. ASYMMETRIC FORWARD THROW DISTRIBUTION.	BEGA	24 060-K3-**FINISH	3000K	848	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD	15		120-277	MOUNTING HEIGHT TO CENTERLINE OF FIXTURE ABOVE GRADE: LEVEL 2 DECK, DOG PATIO: 2'-6" BACK EGRESS PATH: 0'-9"
EF3	LED SMALL-SCALE DOWNLIGHT INTEGRATED INTO HANDRAIL. FIXTURE MOUNTED 30° FROM NADIR, FACING TOWARD ILLUMINATED AREA.	ALPHABET	750S-30K-ST-BG-CF	3000K	170	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD	1.5		120-277	REQUIRES REMOTE DRIVER. COMBINE MAXIMUM NUMBER OF FIXTURES TO SINGLE REMOTE DRIVER WHERE POSSIBLE.
EF4	LED SMALL-SCALE DOWNLIGHT INTEGRATED INTO METAL AWNING.	ALPHABET	750S-30K-ST-BG-FF	3000K	170	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD	1.5		120-277	
EF5	SINGLE-HEADED LED POLE AREA LUMINAIRE. FIXTURE ARM MOUNTED AT TOP OF 16'-0" POLE.	BEGA	99868-K3-**FINISH- **MOD 16' POLE	3000K	1754	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD	15.6		120-277	CONFIRM FOOTING REQUIREMENTS WITH STRUCTURAL ENGINEER.
EF6	DOUBLE-HEADED LED POLE AREA LUMINAIRE. FIXTURE ARM MOUNTED AT TOP OF 16'-0" POLE.	BEGA	99869-K3-**FINISH- 1508HR POLE	3000K	4052	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD	36		120-277	CONFIRM FOOTING REQUIREMENTS WITH STRUCTURAL ENGINEER.
EF7	NOT USED									
EF8	LED LINEAR DOWNLIGHT INTEGRATED INTO CHANNEL IN METAL AWNING.	KELVIX	SW3-**LENGTHS-30K-VR-**FEED POINTS-**FEED LENGTH-IP67	3000K	162 / FT	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD		3.7	120-277	PROVIDE MOUNTING ACCESSORIES AS REQUIRED TO MOUNT FIXTURES INSIDE CHANNEL IN METAL AWNING. PROVIDE WITH REMOTE POWER SUPPLY.
EF9	LED DIRECT/INDIRECT WALL SCONCE WITH NARROW BEAM DISTRIBUTION.	SISTEMALUX	S.5047W	3000K	40	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD	6.5		120-277	CENTER OF FIXTURE TO BE MOUNTED 5'-6" ABOVE GRADE.
EF10	LED CEILING SURFACE MOUNTED WALL GRAZING FIXTURE.	KELVIX	Z5-**LENGTHS-8W-30K- 2040-**MOUNTING- **FINISH-ALV	3000K	800 / FT	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD		8	120-277	PROVIDE FIXTURES WITH REMOTE POWER SUPPLY MOUNT FIXTURES WITH LOW END OF LOUVER SLOPE FACING CENTER OF WALKWAY
EF11	LED IN-GRADE ACCENT GRAZING FIXTURE.	BEGA	84 161-K3	3000K	3513	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD	54		120-277	FINAL LOCATION TO BE COORDINATED WITH WATER FEATURE
EF12	WALL MOUNTED DECORATIVE DISC SCONCE	MP LIGHTING	L24-2-W30H-F-S3	3000K	29	SWITCHABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD	2.6		120-277	FIXTURES TO BE MOUNTED 4'-0" ABOVE GRADE TO CL OF FIXTURE.
EF13	LED BOLLARD WITH 360° DISTRIBUTION.	BEGA	99 862 + 99 622	3000K	1286	0-10V DIMMABLE, PHOTOCELL / ASTRONOMICAL CONTROL TBD	19.8		120-277	CONNECT FIXTURES TO EMERGENCY CIRCUIT OR PROVIDE 99 635 BATTERY AS REQUIRED.

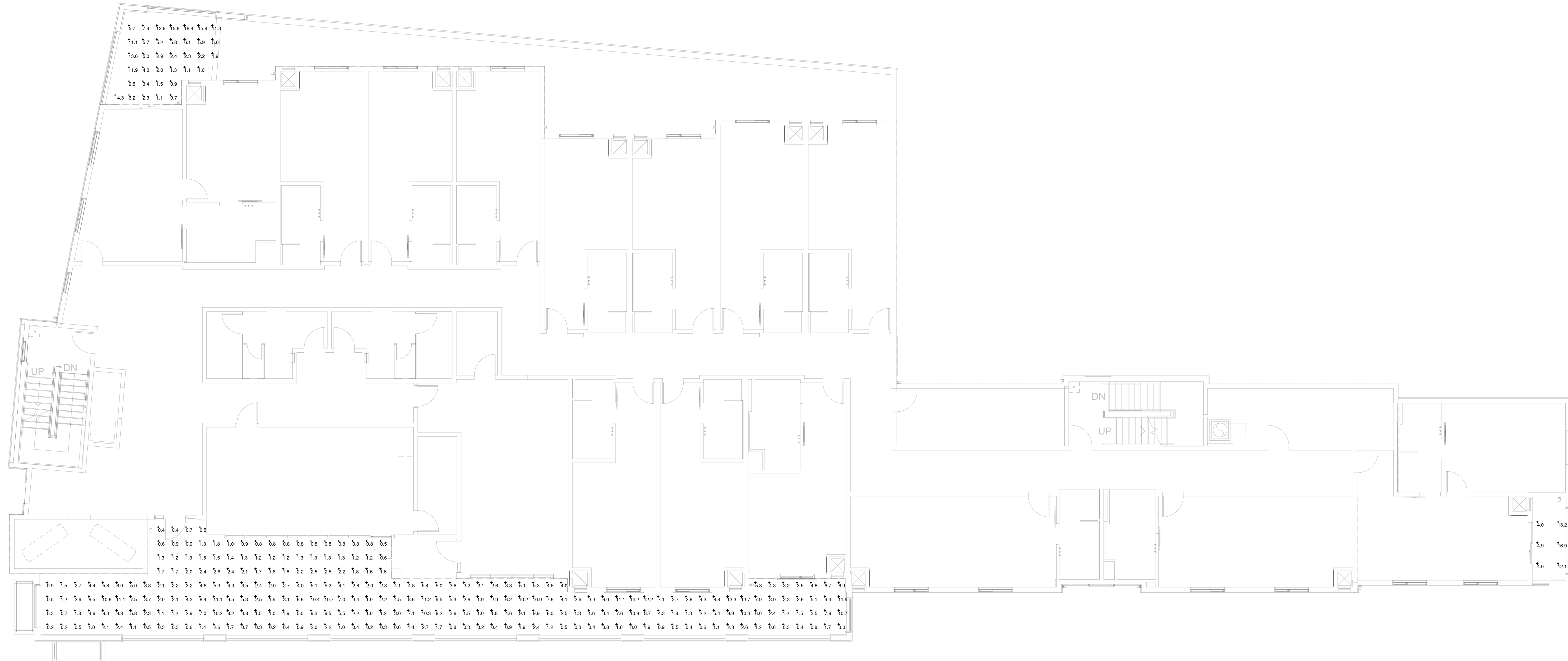






DISCLAIMER: Calculations have been performed according to manufacturer standards. Some differences between measured values and calculated results may occur due to varied calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. These calculations are for reference only.





DISCLAIMER: Calculations have been performed according to manufacturer standards. Some differences between measured values and calculated results may occur due to varied calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. These calculations are for reference only.