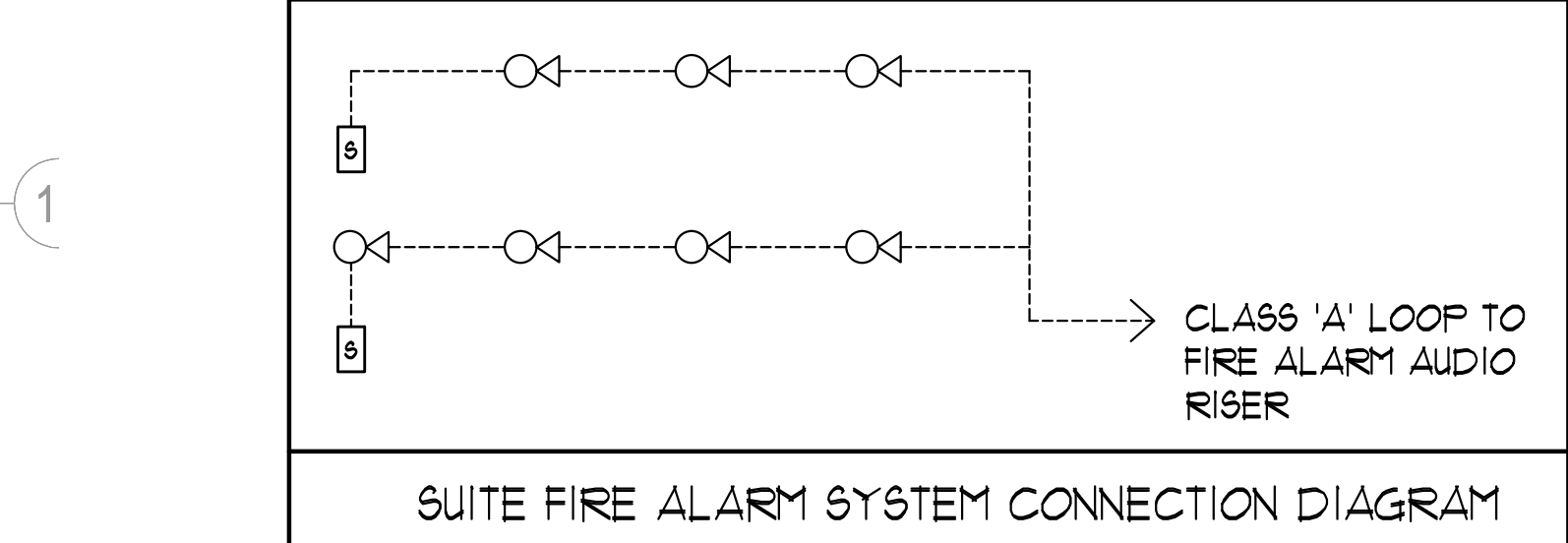
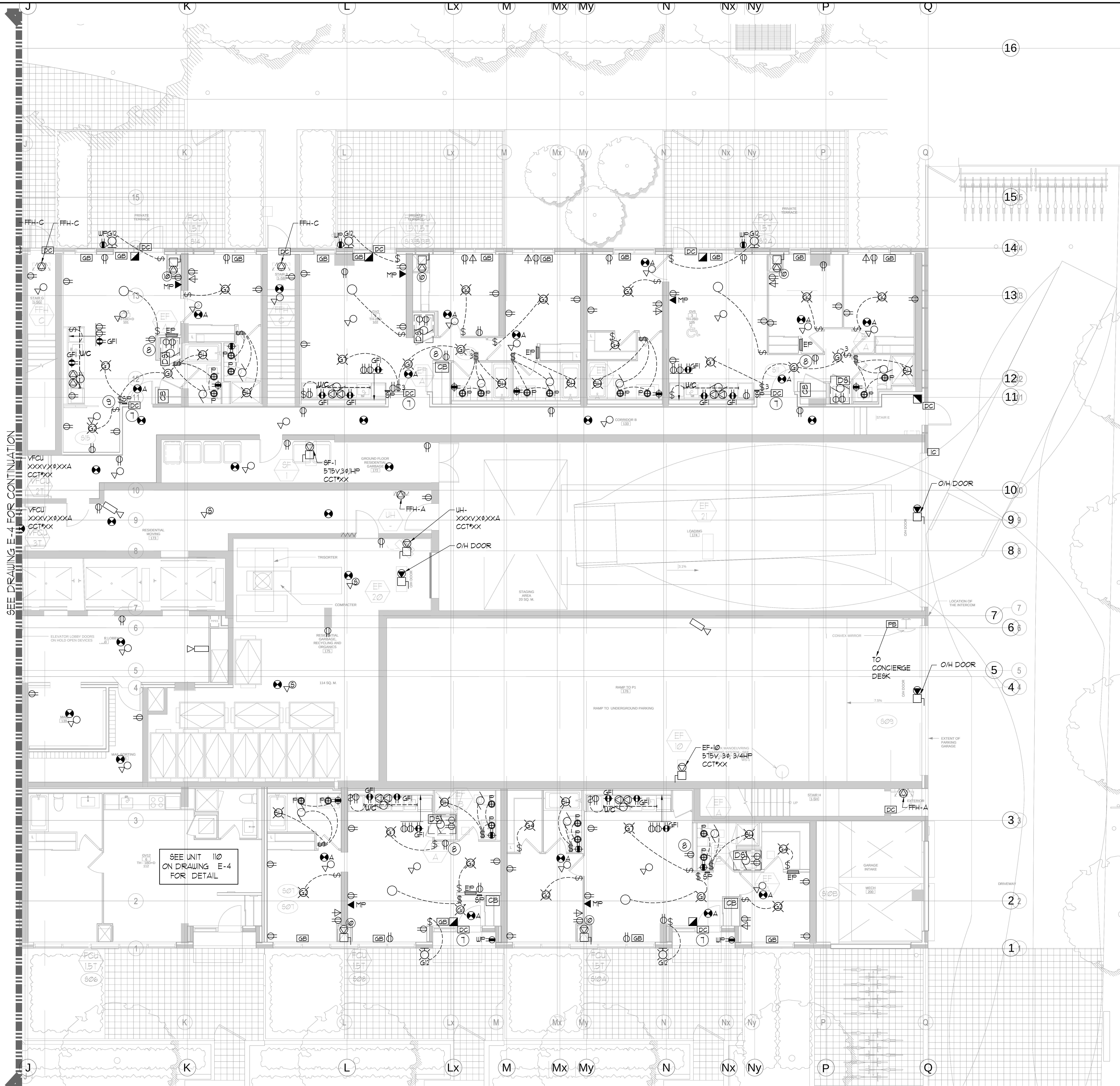


SEE DRAWING E-4 FOR CONTINUATION

Drawing name: \\adserv001\Current\Draw\1313 - Alexandra Park\01\1313 - 4.0 (P) POWER.dwg
Printed: sat 09, 2014 - 12:09pm



MOUNTING HEIGHT SCHEDULE
(DIMENSIONS ARE FROM FINISH FLOOR TO TOP OF WALL BOX)

OUTLET	SUITE	PUBLIC AREA
RECEPTACLE	18" FFF	18" FFF
KITCHEN COUNTER SPLIT RECEPTACLE	46" FFF	46" FFF
TV/TELEPHONE (MULTI-PORT) OUTLET	18" FFF	18" FFF
LIGHT SWITCH	38" FFF	38" FFF
SECURITY PANEL	62" FFF	62" FFF
WALL THERMOSTAT	62" FFF	62" FFF
FRIDGE RECEPTACLE	TO SUIT EQUIPMENT	
MICROWAVE/FAN UNIT RECEPTACLE	LOCATE IN UPPER CABINET ABOVE	
UNDER CABINET LIGHTING RECEPTACLE	LOCATE IN UPPER CABINET ABOVE MICROWAVE / FAN UNIT	
INTERCOM	41" FFF	
FIREFIGHTER'S HANDSET		41" FFF
FULL STATION		41" FFF

GENERAL AREA CIRCUITING - TABLE #1			
LIGHTING FIXTURE LOCATION	CCT #	RECEPTACLE LOCATION	CCT #
P4 TO P1 - EXIT SIGNS	EX-XX	LOBBY (P4 TO P1)	EX-XX
G/F TO 10/F - EXIT SIGNS	EX-XX	STAIR 'A' (5/F, 2/F)	EX-XX
1/F TO ROOF - EXIT SIGNS	EX-XX	STAIR 'B' (1/F, 2/F, 3/F, 4/F) FLOORS	EX-XX
LOBBY (P4 TO P1)	EX-XX	STAIR 'B' (1/F, 2/F, 3/F, 4/F) FLOORS	EX-XX
STAIR 'A' (P4 TO P1)	EX-XX	STAIR 'C' (1/F, 2/F, 3/F, 4/F) FLOORS	EX-XX
CORRIDOR	EX-XX	STAIR 'D' (1/F, 2/F, 3/F, 4/F) FLOORS	EX-XX
	EX-XX	STAIR 'E' (1/F, 2/F) FLOOR	EX-XX
	EX-XX	CORRIDOR	EX-XX

AMENITY AREA KEY NOTES:

- PROVIDE TELEPHONE AS PER OBC 3.11.10.1 (b) AND SHALL BE INSTALLED WITHIN 30m OF THE POOL.
- ALL RECIRCULATING PUMPS SHALL BE CAPABLE OF BEING DEACTIVATED BY AN EMERGENCY STOP BUTTON, CLEARLY LABELED AND LOCATED ON THE DECK AREA.
- AN EMERGENCY SIGN CONTAINING THE WORDS "IN THE EVENT OF AN EMERGENCY, PUSH EMERGENCY STOP BUTTON AND USE EMERGENCY PHONE, AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE" SHALL BE IN LETTERS AT LEAST 25mm HIGH WITH A 5mm STROBE. POST THE SIGN ABOVE THE EMERGENCY STOP BUTTON.
- DIV. 16 TO PROVIDE 100A, 3P DISCONNECT IN POOL MECHANICAL ROOM FOR TURN-KEY POOL CONTRACTOR'S USE.
- EXACT LOCATIONS OF OUTLETS TO BE DETERMINED ON SITE.

GENERAL NOTES - RESIDENTIAL:

- ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH MECHANICAL, STRUCTURAL, ARCHITECTURAL AND LANDSCAPE DRAWINGS, AND COMPLY WITH ALL AFFILIABLE NOTES.
- CONTRACTOR SHALL RUN CABLES WITHIN CEILING SLAB OR ENCLOSURES TO RETAIN 2 HOUR FIRE PROTECTION RATING FOR ALL LOADS THAT CONNECT TO EMERGENCY POWER.
- STAIRWAY WALL MOUNTED EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED @ 1' AFF.
- EMERGENCY LIGHT FIXTURES IN LOCKERS, STORAGE, GARBAGE, UTILITY AND SERVICE ROOMS SHALL BE CONNECTED TO BOTH NORMAL AND EMERGENCY POWER AS PER DETAIL #1 OF DUG. E-35.
- FOR STORAGE ROOM VENTILATION SYSTEM, DIV. 16 TO PROVIDE CONDUIT, WIRING AND SWITCH (S) TO START/STOP FAN AND DAMPER. FAN AND 110V ACTUATOR TO BE SUPPLIED AND INSTALLED BY DIV. 15.
- FOR UTILITY ROOM VENTILATION SYSTEM, DIV. 15 WILL PROVIDE LINE VOLTAGE THERMOSTAT (T) TO DIV. 16. DIV. 16 TO PROVIDE CONDUIT AND WIRING TO START/STOP FAN AND DAMPER VIA THERMOSTAT. FAN AND 110V ACTUATOR TO BE SUPPLIED AND INSTALLED BY DIV. 15.
- REFER TO SPRINKLER DRAWINGS FOR FIRE PROTECTION DEVICE TO BE CONNECTED TO THE FIRE ALARM SYSTEM. THE DEVICE AND EQUIPMENT SHALL FORM AN INTEGRAL PART OF THE ELECTRICAL CONTRACT.
- REFER TO SUITE PANEL SCHEDULES FOR INSUITE CIRCUIT ARRANGEMENT.
- ALL DWELLING UNIT RECEPTACLES EXCEPT IN KITCHEN SHALL BE TAMPER PROOF.
- PROVIDE GROUND FAULT PROTECTION FOR SUITE KITCHEN AND WASHROOM RECEPTACLES WITHIN 1500mm OF SINK.
- PROVIDE TELECOMMUNICATION BOX C/W BUILT-IN RECEPTACLE FOR TELECOMMUNICATION. TELECOMMUNICATION BOX SHALL BE COMPLIANT WITH THE TELECOM SERVICE PROVIDER SPECIFICATION. REFER TO DETAIL #3 ON DUG. E-35 FOR TELECOM JUNCTION BOX INSTALLATION.
- DRYER SENSOR TO START DRYER VENTILATION FAN AUTOMATICALLY WHEN DRYER IS RUNNING.
- ALL SMOKE ALARMS WITHIN THE SUITE SHALL BE HARDWIRED TOGETHER AND TO A 15A, IF CIRCUIT BREAKER AHEAD OF OTHER LOADS.
- ALL DWELLING UNIT RECEPTACLES, INCLUDING KITCHEN COUNTER RECEPTACLES, OF CSA CONFIGURATION 5-15R AND 5-20R SHALL BE TAMPER RESISTANT RECEPTACLES WITH EXCEPTION OF RECEPTACLES DEDICATED FOR STATIONARY APPLIANCES SUCH THAT THE RECEPTACLE IS RENDERED INACCESSIBLE, OR THOSE LOCATED ABOVE 2m FROM THE FLOOR OR FINISHED GRADE. RULE 26-112(g) 26-112(h). BULLETIN 26-25-11.
- ALL BEDROOM RECEPTACLES SHALL BE CONNECTED TO ARC-FAULT CIRCUIT BREAKERS (AFGI).
- RECEPTACLES INSTALLED IN A DINING AREA FORMING PART OF A KITCHEN OF A DWELLING UNIT SHALL BE SUPPLIED BY A BRANCH CIRCUIT THAT DOES NOT SUPPLY ANY OTHER OUTLETS. RULE 26-112(e).

KEY NOTES - RESIDENTIAL:

- FOR CIRCUITING, REFER TO TABLE #1.
- PROVIDE ALARM SPEAKER, SMOKE DETECTOR AND RECEPTACLE AT EVERY THIRD FLOOR STAIR WELL STARTING FROM TOP FLOOR, AS PER TO DUG. E-32 FOR FIRE ALARM RISER DIAGRAM.
- REFER TO SUPERVISED VALVE AND FLOW SWITCH SCHEDULE ON DUG. E-XX FOR DETAILS ON TYPICAL FLOORS.
- PROVIDE TELECOMMUNICATION BACKBOARD C/W 15V, 1A 15A RECEPTACLE AS PER COMMUNICATION RISER DIAGRAM ON DUG. E-31.
- CONTRACTOR SHALL REFER TO ELECTRICAL SINGLE LINE DIAGRAM ON DUG. E-30 AND SDP RISER ON DUG. E-31 FOR SDP LOCATIONS AND DISTRIBUTION.
- PROVIDE CONDUIT AS PER RISER DETAIL #9 ON DUG. E-35 FOR BISCORTER/TRISCORTER CONTROL SYSTEM.
- ALL SUITE DOOR CONTACTS WILL COMPLETE WITH INTRUSION ALARM SYSTEM THAT CONTACT TO THE CONCIERGE STATION.
- DESIGNATED "LAUNDRY RECEPTACLE" AS DEFINED BY ESA CODE 26-110(a)(11), 26-110(b) AND ESA BULLETIN 26-26-2 (WITHIN 3m RADIUS OF LAUNDRY CLOSET). RECEPTACLE SHALL BE CONNECTED TO A DEDICATED CIRCUIT. SEE DETAIL #4 ON DUG. E-35.
- SWITCHES, RECEPTACLES, ETC. TO BE INSTALLED AS TO NOT INTERFERE WITH THE OPENING AND OPERATION OF SLIDING DOOR.
- FOR FAN COIL UNITS (FCU-X), ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL CONDUIT, AND JUNCTION BOX FOR REMOTE THERMOSTAT. MECHANICAL CONTRACTOR SUPPLY AND WIRE THERMOSTATS, MOUNT THERMOSTAT AND TERMINATE WIRING.
- PROVIDE "CACF" SIGN-RED LETTERS ON WHITE BACKGROUND WHICH FLASHES WHEN FIRE ALARM SYSTEM IS ACTIVATED.

ELECTRICAL LEGEND

LIGHTING	
FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED	
NIGHT LIGHT OR NIGHT LIGHT CONNECTED TO EMERGENCY POWER	
CEILING MOUNTED WALL MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE	
POLE MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE	
CAPPED CEILING LIGHT OUTLET	
TRACK LIGHT	
STRIP LIGHT	
UNDER CABINET FLUORESCENT LIGHT FIXTURE	
CEILING MOUNTED WALL MOUNTED EXIT SIGN	
EMERGENCY BATTERY PACK	
OCCUPANCY SENSOR POWER PACKS	
SINGLE/DOUBLE POLE, SINGLE/DOUBLE THROUGH DOUBLE SWITCH RESPECTIVELY, (3/4"IN) DENOTES 3-WAY/4-WAY/FLYOUT LIGHT, OTHER SWITCHED LIGHT RESPECTIVELY	
MASTER LIGHTING SHUT-OFF SWITCH	
SENSOR WALL SWITCH FIRE SELF POWERED	
OCCUPANCY SENSOR CEILING MOUNTED	
POWER	
REGULAR DUPLEX RECEPTACLE	
DUPLEX RECEPTACLE GROUND FAULT INTERRUPT	
3-20A 1-10A DUPLEX RECEPTACLE	
SINGLE RECEPTACLE TYPE AND CONFIGURATION AS SPECIFIED FOR DRYER	
CONNECTION FOR OVERCLOCKTOP	
ABOVE COUNTER DEVICE	
CEILING MOUNTED DEVICES	
FLOOR MOUNTED DEVICES	
DISCONNECT SWITCH, NON-FUSED	
DISCONNECT SWITCH, FUSED	
CORPORATION STARTER	
FRACTIONAL MOTOR/FAN DIRECT CONNECTION	
DIRECT CONNECTION, SINGLE PHASE	
DIRECT CONNECTION, THREE PHASE	
THERMOSTAT	
DRYER SENSOR	
HEAT TRACE	
ELECTRICAL HEATER	
ELECTRICAL PANEL / SECURITY PANEL	
TELECOMMUNICATION	
TELEPHONE OUTLET	
TELEPHONE CABLE (MULTI-PORT OUTLET)	
DATA OUTLET	
DATA/TELEPHONE OUTLET	
IN SUITE TELECOM BOX C/W RECEPTACLE	
WIFI LOCATION	
MUSIC SPEAKER / VOLUME CONTROL	
RADIO RECEIVER	
SECURITY	
INTERCOM / INTERPHONE	
INTERCOM WITH CAMERA	
PANIC BUTTON / PANIC INTERCOM STATION	
CARD READER	
AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER	
ELECTRIC STRIKE	
MAGLOCK	
DOOR CONTACT / WINDOW CONTACT	
AUTOMATIC DOOR OPERATOR	
MOTION DETECTOR	
PUSH BUTTON	
SECURITY CAMERA	
LIFE SAFETY	
FIRE ALARM SMOKE DETECTOR	
SPOKE ALARM	
FIRE ALARM DUCT TYPE SMOKE DETECTOR	
FIRE ALARM HEAT DETECTOR	
FIXED TYPE 68 °C (150 °F) HEAT DETECTOR	
MOISTURE PROOF HEAT DETECTOR	
CO ALARM	
CORPORATION SPOKE 4 CO ALARM	
CO SENSOR / NO SENSOR	
FIRE ALARM MANUAL PULL STATION	
FIRE ALARM STROBE/HORN WALL MTD.	
FIRE ALARM STROBE/HORN WALL MTD.	
FIRE ALARM STROBE/HORN WALL MTD.	
FIRE ALARM SPEAKER/STROBE CEILING MTD.	
FIRE ALARM SPEAKER, CEILING MTD.	
FIRE ALARM ANNUNCIATOR PANEL	
FIRE ALARM CONTROL PANEL	

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ENT	INTERCOM / INTERPHONE
✓	INTERCOM WITH CAMERA
✓	PANIC BUTTON / PANIC INTERCOM STATION
R	CARD READER
✓	AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER
✓	ELECTRIC STRIKE
L	MAGLOCK
✓	DOOR CONTACT / WINDOW CONTACT
✓	AUTOMATIC DOOR OPERATOR
✓	MOTION DETECTOR
✓	PUSH BUTTON
✓	SECURITY CAMERA