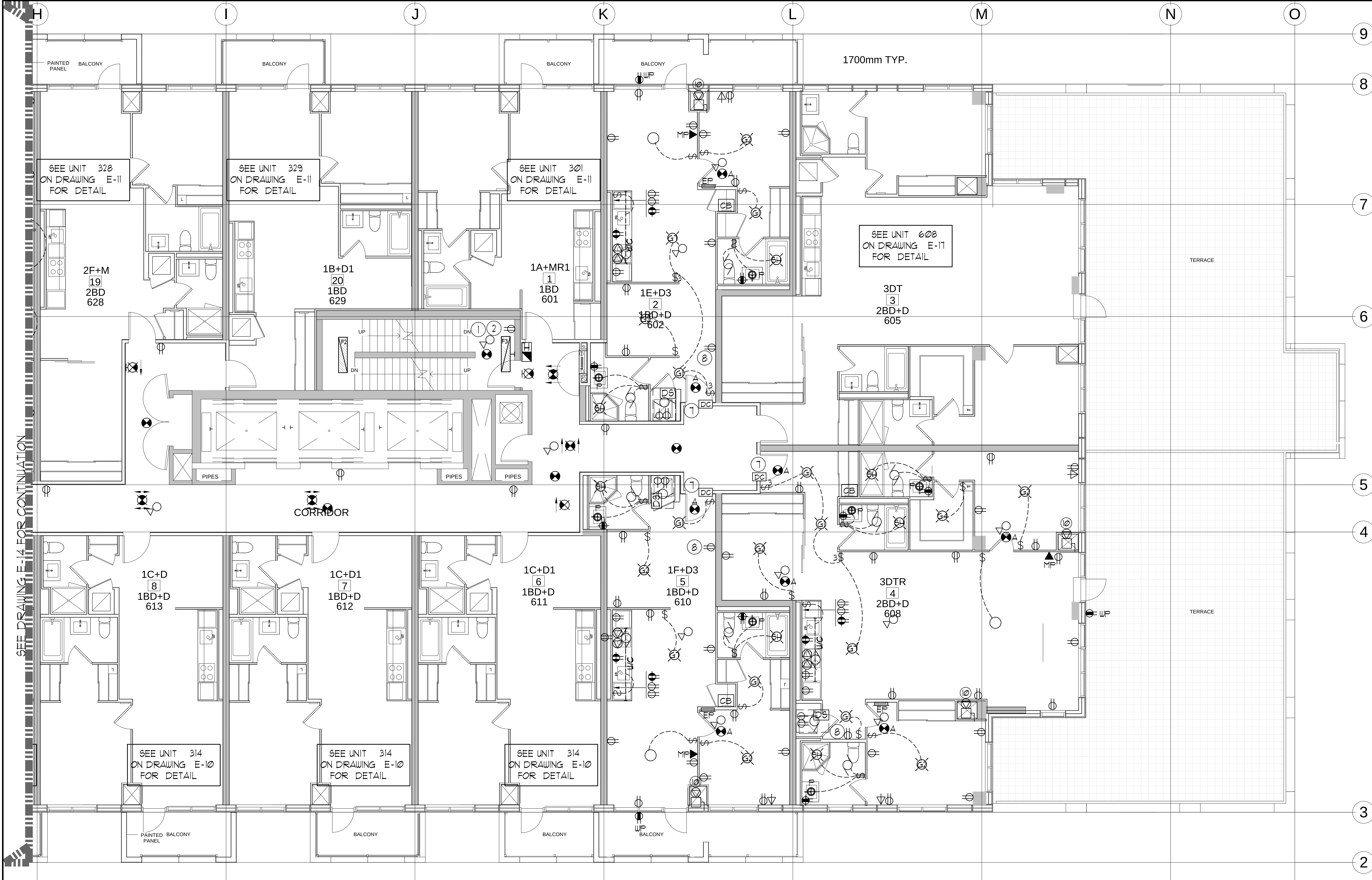
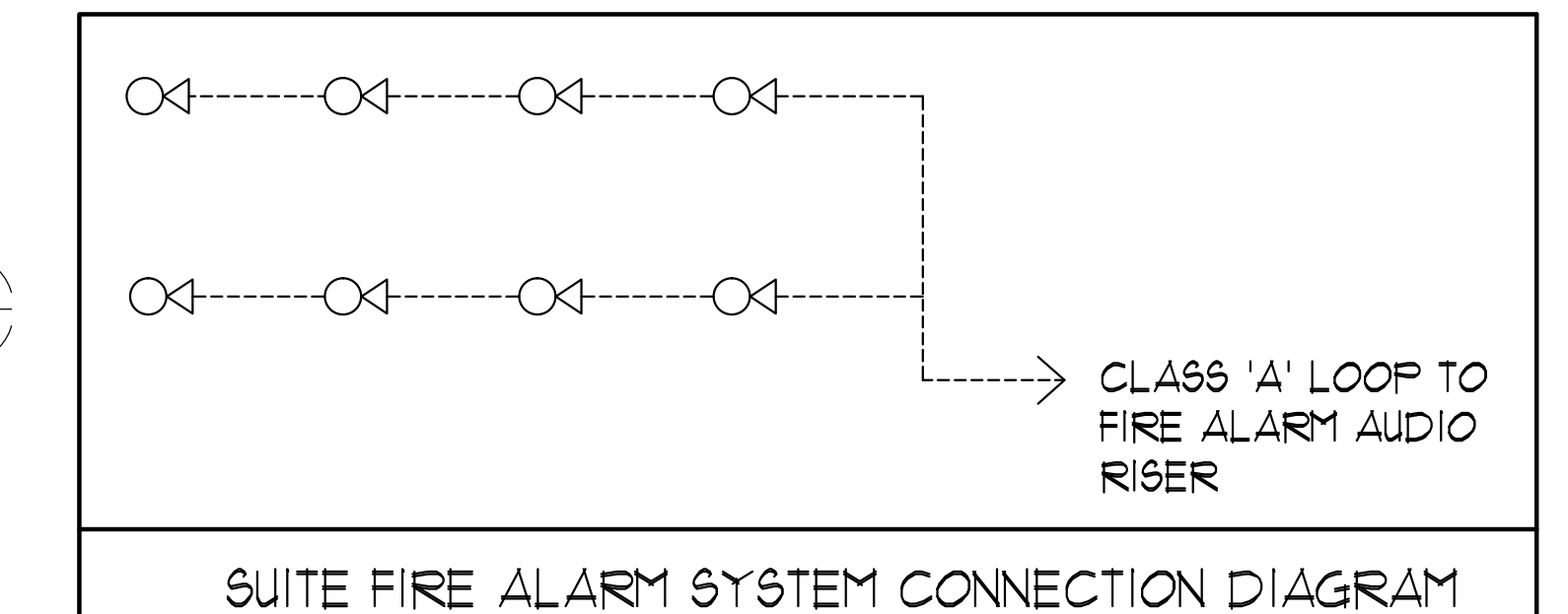




GENERAL AREA CIRCUITING - TABLE #1			
LIGHTING FIXTURE LOCATION		CGT *	RECEPTACLE LOCATION
P4 TO P1 - EXIT SIGNS	EX-XX	LOBBY (P4 TO P1)	EX-XX
G/F TO 10/F - EXIT SIGNS	EX-XX	STAIR 'A' (5/F, 6/F, 7/F)	EX-XX
1/F TO ROOF - EXIT SIGNS	EX-XX	STAIR 'B' (1/F, 2/F, 3/F, 4/F) FLOORS	EX-XX
LOBBY (P4 TO P1)	EX-XX	STAIR 'B' (1/F, 2/F, 3/F, 4/F) FLOORS	EX-XX
STAIR 'A' (P4 TO G/F)	EX-XX	STAIR 'C' (1/F, 2/F, 3/F, 4/F) FLOORS	EX-XX
CORRIDOR	EX-XX	STAIR 'C' (1/F, 2/F, 3/F, 4/F) FLOORS	EX-XX
	EX-XX	STAIR 'D' (P4/F) FLOORS	EX-XX
	EX-XX	STAIR 'E' (P1) FLOOR	EX-XX
	EX-XX	CORRIDOR	EX-XX



MOUNTING HEIGHT SCHEDULE (DIMENSIONS ARE FROM FINISH FLOOR TO TOP OF WALL BOX)		
OUTLET	SUITES	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" F.F.F	62" F.F.F
WALL THERMOSTAT	62" F.F.F	62" F.F.F
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 NOTES - RESIDENTIAL:**
- ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH MECHANICAL, STRUCTURAL, ARCHITECTURAL AND LANDSCAPE DRAWINGS.
 - CONTRACTOR SHALL RUN CABLES WITHIN CEILING SLAB OR ENCLOSURES TO RETAIN 2 HOUR FIRE PROTECTION RATING FOR ALL LOADS THAT CONNECT TO EMERGENCY POWER.
 - FIRE ALARM RISERS SHALL BE RUN IN 2 HOUR FIRE RATED ELECTRICAL CLOSET. REFER TO DUG. E-32 FOR RISER DIAGRAM AND DETAILS.
 - 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 #21 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 DUELLING 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 #9 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 HARWIRED TOGETHER AND TO A 15A, 1P CIRCUIT BREAKER AHEAD OF OTHER LOADS.
- KEY NOTES - RESIDENTIAL:**
- FOR CIRCUITING, REFER TO TABLE #1.
 - PROVIDE ALARM SPEAKER SMOKE DETECTOR AND RECEPTACLE AT EVERY THIRD FLOOR STAIR WELLS 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 #8 ON DUG. E-35 FOR B150RTER/TR150RTER 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 26-1102(x)(1), 26-120(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.
 - INSTALL SIDE-MOUNTED RECEPTACLE ON KITCHEN ISLAND CABINET.

ELECTRICAL LEGEND		
LIGHTING		
[Symbol]	FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED	
[Symbol]	NIGHT LIGHT OR LIGHT CONNECTED TO EMERGENCY POWER	
[Symbol]	CEILING MOUNTED WALL MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE	
[Symbol]	POLE MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE	
[Symbol]	CEILING LIGHT OUTLET	
[Symbol]	TRACK LIGHT	
[Symbol]	STRIP LIGHT	
[Symbol]	UNDER CABINET FLUORESCENT LIGHT FIXTURE	
[Symbol]	CEILING MOUNTED WALL MOUNTED EXIT SIGN	
[Symbol]	EMERGENCY BATTERY PACK	
[Symbol]	OCCUPANCY SENSOR POWER PACKS	
[Symbol]	SINGLE/DOUBLE POLE, SINGLE/DOUBLE THREE POLE SWITCH RESPECTIVELY	
[Symbol]	3/4" (3/4" DENOTES 3-WAY, 4-WAY, 4-WAY/PILOT LIGHT, OTHER SWITCHED LIGHT RESPECTIVELY)	
[Symbol]	SENSOR WALL SWITCH, SELF POWERED	
[Symbol]	OCCUPANCY SENSOR CEILING MOUNTED	
POWER		
[Symbol]	REGULAR DUPLEX RECEPTACLE	
[Symbol]	DUPLEX RECEPTACLE GROUND FAULT INTERRUPT	
[Symbol]	3-20A T-100T DUPLEX RECEPTACLE	
[Symbol]	SINGLE RECEPTACLE TYPE AND CONFIGURATION AS SPECIFIED FOR DRIVER	
[Symbol]	CONNECTION FOR OVERCLOCKTOP	
[Symbol]	ABOVE COUNTER DEVICE	
[Symbol]	CEILING MOUNTED DEVICES	
[Symbol]	FLOOR MOUNTED DEVICES	
[Symbol]	DISCONNECT SWITCH, NON-FUSED	
[Symbol]	DISCONNECT SWITCH, FUSED	
[Symbol]	CORPORATION STARTER	
[Symbol]	FRACTIONAL MOTOR/FAN DIRECT CONNECTION	
[Symbol]	DIRECT CONNECTION, SINGLE PHASE	
[Symbol]	DIRECT CONNECTION, THREE PHASE	
[Symbol]	THERMOSTAT	
[Symbol]	DRYER SENSOR	
[Symbol]	HEAT TRACE	
[Symbol]	ELECTRICAL HEATER	
[Symbol]	ELECTRICAL PANEL / SECURITY PANEL	
TELECOMMUNICATION		
[Symbol]	TV/CABLE OUTLET	
[Symbol]	TELEPHONE OUTLET	
[Symbol]	DATA OUTLET	
[Symbol]	DATA/TELEPHONE OUTLET	
[Symbol]	IN SUITE TELECOM BOX C/W RECEPTACLE	
[Symbol]	WIFI LOCATION	
[Symbol]	MUSIC SPEAKER / VOLUME CONTROL	
[Symbol]	RADIO RECEIVER	
SECURITY		
[Symbol]	INTERCOM / INTERPHONE	
[Symbol]	INTERCOM WITH CAMERA	
[Symbol]	PANIC BUTTON / PANIC INTERCOM STATION	
[Symbol]	CARD READER	
[Symbol]	AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER	
[Symbol]	ELECTRIC STRIKE	
[Symbol]	MAGLOCK	
[Symbol]	DOOR CONTACT / WINDOW CONTACT	
[Symbol]	AUTOMATIC DOOR OPERATOR	
[Symbol]	MOTION DETECTOR	
[Symbol]	PUSH BUTTON	
[Symbol]	SECURITY CAMERA	
LIFE SAFETY		
[Symbol]	FIRE ALARM SMOKE DETECTOR	
[Symbol]	SPEAKER ALARM	
[Symbol]	FIRE ALARM DUCT TYPE SMOKE DETECTOR	
[Symbol]	FIRE ALARM HEAT DETECTOR	
[Symbol]	FIXED TYPE 68 °C (147 °F) HEAT DETECTOR	
[Symbol]	MOISTURE PROOF HEAT DETECTOR	
[Symbol]	CO ALARM	
[Symbol]	COMBINATION SMOKE & CO ALARM	
[Symbol]	CO SENSOR / NO SENSOR	
[Symbol]	FIRE ALARM MANUAL PULL STATION	
[Symbol]	FIREFIGHTER'S HANDSET	
[Symbol]	FIRE ALARM STROBE/ALARM WALL MTD.	
[Symbol]	FIRE ALARM HORN/ALARM WALL MTD.	
[Symbol]	FIRE ALARM SPEAKER/STROBE CEILING MTD.	
[Symbol]	FIRE ALARM SPEAKER, CEILING MTD.	
[Symbol]	FIRE ALARM ANNUNCIATOR PANEL	
[Symbol]	FIRE ALARM CONTROL PANEL	

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DRAWING TITLE
**6/F NORTH FLOOR PLAN
ELECTRICAL LAYOUT**

PROJECT TITLE
ALEXANDRA PARK

CLIENT
XXX TORONTO

DRAWN BY
S.O.

CHECKED BY
S.T.

DATE
FEB 13

PROJECT NUMBER
1313

DRAWING NUMBER
E-11

SCALE
1:50

NTS.