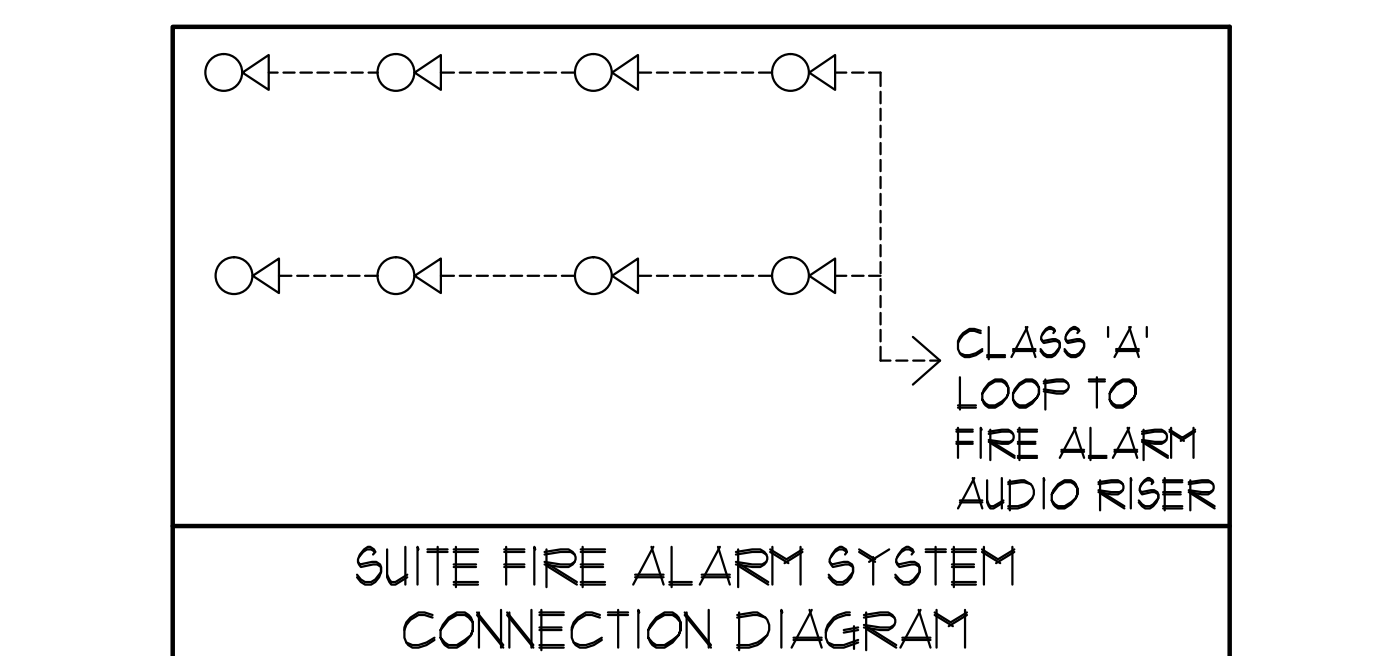




GENERAL AREA CIRCUITING - TABLE #1

LIGHTING FIXTURE LOCATION	CCT.*
F2 TO F1 - EXIT SIGNS	E-1
G/F TO MPH - EXIT SIGNS	E-3
MPH - EXIT SIGNS	ER-1
STAIR 'A' (F2 TO G/F)	E-5
STAIR 'B' (F2 TO G/F)	E-1
STAIR 'J' (G/F TO 4/F)	E-3
STAIR 'J' (B/F TO 3/F)	E-11
STAIR 'G' (G/F TO 14/F)	E-13
STAIR 'F' (G/F TO 14/F)	E-15
STAIR 'K' (14/F TO MPH) & MPH (G/F)	ER-3, ER-5, R-1, R-9
(G/F)	E-2, E-4, E-6, E-16, E-8, E-10, E-12, E-14, E-16
B1-2, B1-4, B1-6, B1-8, B1-10, B1-12, B1-14, B1-16	B1-10, B1-20, B1-22, B1-24, B1-26, B1-28, B1-30
CORRIDOR (2/F & 3/F)	E-24
CORRIDOR (4/F & 5/F)	E-26
CORRIDOR (6/F & 7/F)	E-28
CORRIDOR (8/F TO 11/F)	E-30
CORRIDOR (12/F TO 14/F)	E-32
CORRIDOR & LOCKER (2/F)	B-46
CORRIDOR (3/F)	B-48
CORRIDOR (4/F)	B-50
CORRIDOR (5/F & 6/F)	B-52
CORRIDOR (7/F & 8/F)	B-54
CORRIDOR (9/F TO 11/F)	B-56
CORRIDOR (12/F TO 14/F)	B-58
ELEVATOR CAB	ER-6, ER-8, ER-10
EXTERIOR CAB	E1-1E1-3E1-5E1-7E1-9E1-11E1-13
RECEPTACLE LOCATION	CCT.*
ELEC. S. CLOSET (G/F TO 3/F)	B-2
ELEC. N. CLOSET (2/F TO 3/F)	B-4
ELEC. N. CLOSET (10/F TO 14/F)	B-6
ELEC. N. CLOSET (22/F TO 32/F)	B-8
ELEV. LOBBY (F2 TO 8/F)	B-10
CORRIDOR (2/F TO 8/F)	B-12, B-14, B-16, B-18, B-20, B-22, B-24
CORRIDOR (2/F TO 5/F)	B-26, B-28
ELEV. LOBBY (9 TO 14/F)	B-30
CORRIDOR (13/F TO 14/F)	B-32, B-34, B-36, B-38
STAIR A (G/F) & J (3/F, 6/F, 3/F)	B-40
STAIR F (14/F) & B (5/F, 2/F)	B-42
STAIR H (14/F) & B (5/F, 2/F)	B-44
STAIR 'K' & MPH	R-2

- KEY NOTES - INSUITE:**
- DESIGNATED "LAUNDRY RECEPTACLE" AS DEFINED BY ESA CODE 26-110(e)(11), 26-120(d) AND ESA BULLETIN 26-26-0 (WITHIN 3m RADIUS OF LAUNDRY CLOSET). RECEPTACLE SHALL BE CONNECTED TO A DEDICATED CIRCUIT. SEE DETAIL #4 ON DWG. E-35.
 - SUITE DOOR CONTACTS AND GLASS BREAK DETECTOR WILL COMPLETE WITH INTRUSION ALARM SYSTEM THAT CONTACT TO THE CONCERGE STATION (TYPICAL)
 - FOR FAN COIL UNITS (FCU) ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL CONDUIT AND JUNCTION BOX FOR REMOTE THERMOSTAT. MECHANICAL CONTRACTOR SHALL SUPPLY, WIRE, TERMINATE WIRING AND MOUNT THERMOSTAT.
 - INSTALL SIDE-MOUNTED RECEPTACLE ON KITCHEN ISLAND CABINET.
 - SWITCHES, RECEPTABLES, ETC. TO BE INSTALLED AS TO NOT INTERFERE WITH THE OPENING AND OPERATION OF SLIDING DOOR.
 - TERRACE LIGHTING FIXTURE AND RECEPTACLE, SHALL BE CENTERED ON PANEL (350MM FROM CENTRE OF DOOR MULLION). REFER TO ARCHITECTURAL ELEVATION.



MOUNTING HEIGHT SCHEDULE (TO TOP OF BOX)

OUTLET	SUITES	PUBLIC AREA
RECEPTACLE	400 MM AFF.	400 MM AFF.
TV OUTLET	400 MM AFF.	400 MM AFF.
TELEPHONE OUTLET	400 MM AFF.	400 MM AFF.
MULTI-PORT OUTLET	400 MM AFF.	400 MM AFF.
SWITCH	1200 MM AFF.	1200 MM AFF.
SECURITY PANEL	1200 MM AFF.	
SILENCE SWITCHES	1200 MM AFF.	
THERMOSTAT	1200 MM AFF.	1200 MM AFF.
INTERCOM		1200 MM AFF.
V.C. HANDSET		1200 MM AFF.
PULL STATION		1200 MM AFF.

- 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 DWG. E-32 FOR RISER DIAGRAM AND DETAILS.
 - STAIRWAY WALL MOUNTED EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED @ 1' AFF. MIN.
 - 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.
 - FOR UNIT HEATER, DIV. 15 TO PROVIDE LINE VOLTAGE THERMOSTAT (T), DIV. 16 TO PROVIDE CONDUIT AND WIRING TO START/STOP UNIT HEATER.
 - 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.
 - DIV. 16 SHALL SUPPLY AND INSTALL CONDUITS, WIRES AND INTERLOCK FANS TO MOTORIZED DAMPERS AND TO THE THERMOSTAT.
 - DIV. 16 SHALL SUPPLY AND INSTALL CONDUITS, WIRES AND INTERLOCK FANS TO MOTORIZED DAMPERS AND TO THE THERMOSTAT.
 - REFER TO SUITE PANEL SCHEDULES FOR INSUITE CIRCUIT ARRANGEMENT.
 - ALL DWELLING UNIT RECEPTABLES EXCEPT IN KITCHEN SHALL BE TAMPER PROOF.
 - PROVIDE GROUND FAULT PROTECTION FOR SUITE KITCHEN, AMENITY KITCHEN AND WASHROOM RECEPTABLES WITHIN 1500mm OF SINK.
 - PROVIDE TELECOMMUNICATION BOX (CUB) BUILT-IN RECEPTACLE FOR TELECOMMUNICATION. TELECOMMUNICATION BOX SHALL BE COMPLIANT WITH THE TELECOM SERVICE PROVIDER SPECIFICATION. REFER TO DETAIL #3 ON DWG. 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, 1P CIRCUIT BREAKER AHEAD OF OTHER LOADS.
 - ALL OUTDOOR RECEPTABLES SHALL BE WEATHERPROOF (LEGRADE CAT* 3/32TRUR-GRY FOR NON-GFCI AND CAT* 1/32TRUR-GRY FOR GFCI) AND SHALL BE EQUIPPED WITH A WHILE IN USE CAST ALUMINUM COVERPLATE (LEGRADE CAT* WUCAST/1 COVERPLATE).

- KEY NOTES - RESIDENTIAL - COMMON AREA:**
- 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 DWG. E-32 FOR FIRE ALARM RISER DIAGRAM.
 - PROVIDE TELECOMMUNICATION BACKBOARD (CUB) 15A, 1P RECEPTACLE AS PER COMMUNICATION RISER DIAGRAM ON DWG. E-31.
 - CONTRACTOR SHALL REFER TO ELECTRICAL SINGLE LINE DIAGRAM ON DWG. E-30 AND SDP RISER ON DWG. E-31 FOR SDP LOCATIONS AND DISTRIBUTION.
 - PROVIDE CONDUIT AS PER RISER DETAIL #9 ON DWG. E-35 FOR TRISORTER CONTROL SYSTEM.
 - REFER TO SUPERVISED VALVE AND FLOW SWITCH SCHEDULE ON DWG. E-33 FOR DETAILS ON TYPICAL FLOORS.

ELECTRICAL LEGEND

LIGHTING

- FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED
- LIGHT CONNECTED TO EMERGENCY POWER
- CEILING MOUNTED WALL MOUNTED LIGHT FIXTURE, INCORPORATED LETTER DENOTES TYPE
- POLE MOUNTED LIGHT FIXTURE, INCORPORATED LETTER DENOTES TYPE
- CURVED CEILING LIGHT OUTLET
- TRACK LIGHT
- STRIP LIGHT
- UNDER CABINET FLUORESCENT LIGHT FIXTURE
- CEILING MOUNTED WALL MOUNTED EXIT SIGN
- EMERGENCY LIGHT W/RETRACTABLE HEAD
- EMERGENCY BATTERY PACK
- OCCUPANCY SENSOR POWER PACKS
- SINGLE/DOUBLE POLE SINGLE/DOUBLE BREAKER
- 3/4" x 1/4" x 1/4" DENOTES 3-WAY/4-WAY FLUORESCENT LIGHT, DIMMER SWITCHED LIGHT RESPECTIVELY
- MASTER LIGHTING OUTLET SWITCH
- SECURITY WALL SWITCH, FIR. SELF POWERED
- OCCUPANCY SENSOR, CEILING MOUNTED

POWER

- REGULAR DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE, GROUND FAULT INTERRUPT
- 3-WAY/4-WAY DUPLEX RECEPTACLE
- SINGLE RECEPTACLE TYPE AND CONFIGURATION AS SPECIFIED FOR DRIVER
- CONNECTION FOR OVERCLOCK
- SOCKET TYPE AND CONFIGURATION AS SPECIFIED FOR DRIVER
- CEILING MOUNTED DEVICES
- FLOOR MOUNTED DEVICES
- DISCONNECT SWITCH, NON-FUSED
- DISCONNECT SWITCH, FUSED
- OPERATION STARTER
- FRACTIONAL MOTOR, DIRECT CONNECTION
- DIRECT CONNECTION, SINGLE PHASE
- DIRECT CONNECTION, THREE PHASE
- THERMOSTAT
- DRYER SENSOR
- HEAT TRACE
- ELECTRIC HEATER
- ELECTRICAL PANEL / SECURITY PANEL

TELECOMMUNICATION

- TV/CABLE OUTLET
- TELEPHONE (RJ) CABLE (MULTI-PORT OUTLET)
- DATA OUTLET
- DATA/TELEPHONE OUTLET
- N. SUITE TELECOM BOX (CUB) RECEPTACLE
- WIFI LOCATION
- VIDEO INTERCOM
- RADIO RECEIVER

SECURITY

- INTERCOM / ENTERPHONE
- INTERCOM WITH CAMERA
- PANIC BUTTON / PANIC INTERCOM STATION
- CARD READER
- AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER
- ELECTRIC STRIKE
- MAGLOCK
- DOOR CONTACT / WINDOW CONTACT
- GLASS BREAK DETECTOR
- AUTOMATIC DOOR OPERATOR
- MOTION DETECTOR
- PUSH BUTTON
- SECURITY CAMERA

LIFE SAFETY

- FIRE ALARM SMOKE DETECTOR
- SMOKE ALARM
- FIRE ALARM DUST TYPE SMOKE DETECTOR
- FIRE ALARM HEAT DETECTOR
- FIXED TEMP. 68 °C DEGREE HEAT DETECTOR
- MOISTURE PROOF HEAT DETECTOR
- CO ALARM
- COMBINATION SMOKE & CO ALARM
- CO SENSOR / NO SENSOR
- FIRE ALARM MANUAL PULL STATION
- FIREFIGHTER'S HANDSET
- FIRE ALARM SPEAKER/SNOBE WALL MTD.
- FIRE ALARM SPEAKER/WALL MTD.
- FIRE ALARM SPEAKER/SNOBE CEILING MTD.
- FIRE ALARM SPEAKER/CEILING MTD.
- FIRE ALARM ANNUNCIATOR PANEL
- FIRE ALARM CONTROL PANEL

REVISIONS

NO.	DATE	DESCRIPTION
0001		ISSUED FOR B1-E-3
0002		ISSUED FOR B1-E-3
0003		ISSUED FOR B1-E-3
0004		ISSUED FOR B1-E-3
0005		ISSUED FOR B1-E-3
0006		ISSUED FOR B1-E-3
0007		ISSUED FOR B1-E-3
0008		ISSUED FOR B1-E-3
0009		ISSUED FOR B1-E-3
0010		ISSUED FOR B1-E-3
0011		ISSUED FOR B1-E-3
0012		ISSUED FOR B1-E-3
0013		ISSUED FOR B1-E-3
0014		ISSUED FOR B1-E-3
0015		ISSUED FOR B1-E-3
0016		ISSUED FOR B1-E-3
0017		ISSUED FOR B1-E-3
0018		ISSUED FOR B1-E-3
0019		ISSUED FOR B1-E-3
0020		ISSUED FOR B1-E-3
0021		ISSUED FOR B1-E-3
0022		ISSUED FOR B1-E-3
0023		ISSUED FOR B1-E-3
0024		ISSUED FOR B1-E-3
0025		ISSUED FOR B1-E-3
0026		ISSUED FOR B1-E-3
0027		ISSUED FOR B1-E-3
0028		ISSUED FOR B1-E-3
0029		ISSUED FOR B1-E-3
0030		ISSUED FOR B1-E-3
0031		ISSUED FOR B1-E-3
0032		ISSUED FOR B1-E-3
0033		ISSUED FOR B1-E-3
0034		ISSUED FOR B1-E-3
0035		ISSUED FOR B1-E-3
0036		ISSUED FOR B1-E-3
0037		ISSUED FOR B1-E-3
0038		ISSUED FOR B1-E-3
0039		ISSUED FOR B1-E-3
0040		ISSUED FOR B1-E-3
0041		ISSUED FOR B1-E-3
0042		ISSUED FOR B1-E-3
0043		ISSUED FOR B1-E-3
0044		ISSUED FOR B1-E-3
0045		ISSUED FOR B1-E-3
0046		ISSUED FOR B1-E-3
0047		ISSUED FOR B1-E-3
0048		ISSUED FOR B1-E-3
0049		ISSUED FOR B1-E-3
0050		ISSUED FOR B1-E-3
0051		ISSUED FOR B1-E-3
0052		ISSUED FOR B1-E-3
0053		ISSUED FOR B1-E-3
0054		ISSUED FOR B1-E-3
0055		ISSUED FOR B1-E-3
0056		ISSUED FOR B1-E-3
0057		ISSUED FOR B1-E-3
0058		ISSUED FOR B1-E-3
0059		ISSUED FOR B1-E-3
0060		ISSUED FOR B1-E-3
0061		ISSUED FOR B1-E-3
0062		ISSUED FOR B1-E-3
0063		ISSUED FOR B1-E-3
0064		ISSUED FOR B1-E-3
0065		ISSUED FOR B1-E-3
0066		ISSUED FOR B1-E-3
0067		ISSUED FOR B1-E-3
0068		ISSUED FOR B1-E-3
0069		ISSUED FOR B1-E-3
0070		ISSUED FOR B1-E-3
0071		ISSUED FOR B1-E-3
0072		ISSUED FOR B1-E-3
0073		ISSUED FOR B1-E-3
0074		ISSUED FOR B1-E-3
0075		ISSUED FOR B1-E-3
0076		ISSUED FOR B1-E-3
0077		ISSUED FOR B1-E-3
0078		ISSUED FOR B1-E-3
0079		ISSUED FOR B1-E-3
0080		ISSUED FOR B1-E-3
0081		ISSUED FOR B1-E-3
0082		ISSUED FOR B1-E-3
0083		ISSUED FOR B1-E-3
0084		ISSUED FOR B1-E-3
0085		ISSUED FOR B1-E-3
0086		ISSUED FOR B1-E-3
0087		ISSUED FOR B1-E-3
0088		ISSUED FOR B1-E-3
0089		ISSUED FOR B1-E-3
0090		ISSUED FOR B1-E-3
0091		ISSUED FOR B1-E-3
0092		ISSUED FOR B1-E-3
0093		ISSUED FOR B1-E-3
0094		ISSUED FOR B1-E-3
0095		ISSUED FOR B1-E-3
0096		ISSUED FOR B1-E-3
0097		ISSUED FOR B1-E-3
0098		ISSUED FOR B1-E-3
0099		ISSUED FOR B1-E-3
0100		ISSUED FOR B1-E-3

REVISIONS

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS THE PROPERTY OF THE ENGINEER AND WILL BE RETURNED UPON COMPLETION OF THE WORK.

DRAWINGS ARE NOT TO BE SCALED

NOVA TREND CONSULTANTS

115 West Beaver Creek Road, Unit 31
Richmond Hill, Ontario L4B 3M1
Tel: 905-882-5445
Fax: 905-882-5441
Email: cad@novatrendeng.com

DRAWING TITLE
6/F NORTH FLOOR PLAN
ELECTRICAL LAYOUT

PROJECT FILE
ALEXANDRA PARK

38 CAMERON STREET, BLOCK II
TORONTO ONTARIO

DRAWN BY: S.O. **CHECKED BY:** S.T. **SCALE:** 1:50
DATE: FEB, 13 **PROJECT NUMBER:** 1313 **DRAWING NUMBER:** E-11 OF

