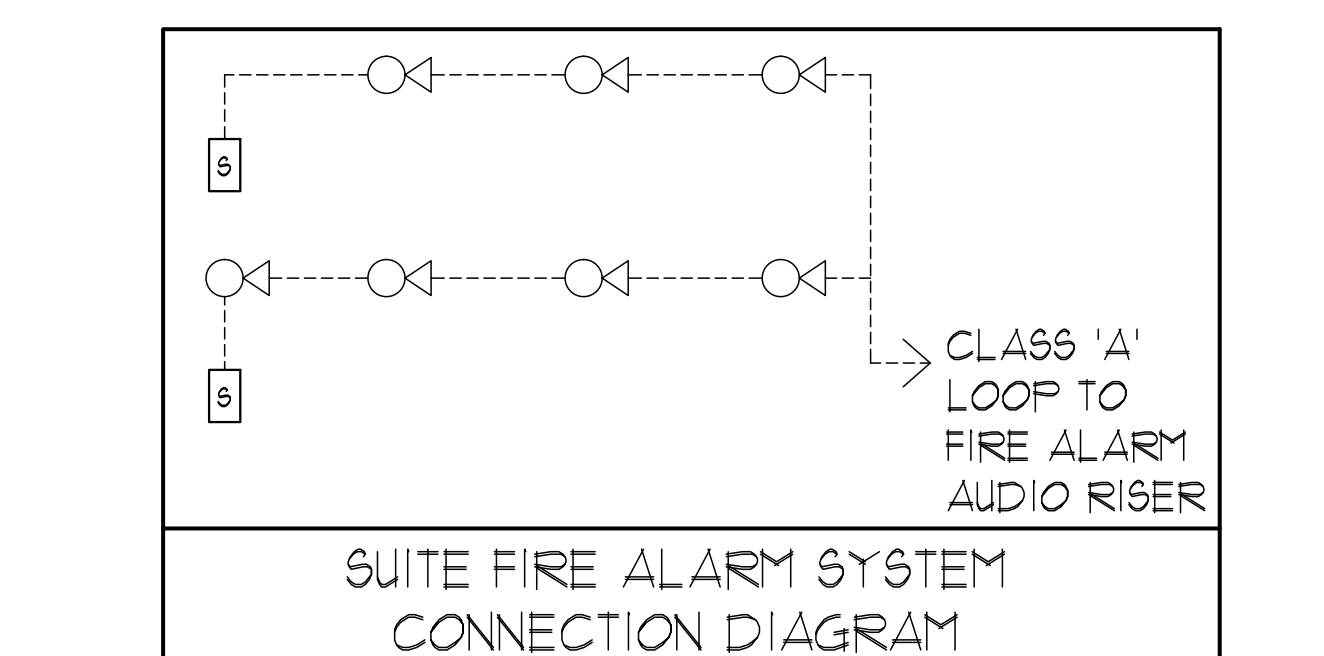


GENERAL AREA CIRCUITING - TABLE #1

| LIGHTING FIXTURE LOCATION | CCT.# |
|-------------------------------------|-------------------------------------------------------------------------|
| P2 TO P1 - EXIT SIGNS | E-1 |
| G/F TO MPH - EXIT SIGNS | E-3 |
| MPH - EXIT SIGNS | ER-1 |
| STAIR 'A' (P2 TO G/F) | E-5 |
| STAIR 'B' (P2 TO G/F) | E-7 |
| STAIR 'J' (G/F TO 4/F) | E-9 |
| STAIR 'J' (5/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) 4 MPH (G/F) | ER-3ER-5R-1TR-1B |
| | E-2E-4E-6E-10E-12E-14E-16 |
| | B1-2B1-4B1-6B1-8B1-10B1-12B1-14B1-16B1-18B1-20B1-22B1-24B1-26B1-28B1-30 |
| CORRIDOR (2/F 4 3/F) | E-24 |
| CORRIDOR (4/F 4 5/F) | E-26 |
| CORRIDOR (6/F 4 7/F) | E-28 |
| CORRIDOR (8/F TO 11/F) | E-30 |
| CORRIDOR (12/F TO 14/F) | E-32 |
| CORRIDOR 4 LOCKER (2/F) | B-46 |
| CORRIDOR (3/F) | B-48 |
| CORRIDOR (4/F) | B-50 |
| CORRIDOR (5/F 4 6/F) | B-52 |
| CORRIDOR (17/F 4 8/F) | B-54 |
| CORRIDOR (9/F TO 11/F) | B-56 |
| CORRIDOR (12/F TO 14/F) | B-58 |
| CORRIDOR (3/F) | B-50 |
| CORRIDOR (5/F 4 6/F) | B-52 |
| CORRIDOR (17/F 4 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-8ER-10 |
| EXTERIOR SITE | E1-E11-3E1-5E1-7E1-4E1-6 |
| RECEPTACLE LOCATION | CCT.# |
| ELEC. N. CLOSET (G/F TO 9/F) | B-2 |
| ELEC. N. CLOSET (2/F TO 9/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 (P2 TO 8/F) | B-10 |
| CORRIDOR (2/F TO 8/F) | B-12B-14B-16B-18B-20B-22B-24 |
| CORRIDOR (2/F TO 5/F) | B-26B-28 |
| ELEV. LOBBY (9 TO 14/F) | B-30 |
| CORRIDOR (9/F TO 14/F) | B-32B-34B-36B-38 |
| STAIR A (G/F) 4 J (9/F,6/F,3/F) | B-40 |
| STAIR F (14/F,11/F,8/F,5/F,2/F) | B-42 |
| STAIR H (14/F,11/F,8/F,5/F,2/F) | B-44 |
| STAIR 'K' 4 MPH | B-42 |

- 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 OBTAIN 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 @ 7' AFF. MIN.
 - FOR STORAGE ROOM VENTILATION SYSTEM, DIV. 16 TO PROVIDE CONDUIT, WIRING 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 RECEPTACLES EXCEPT IN KITCHEN SHALL BE TAMPER PROOF.
 - PROVIDE GROUND FAULT PROTECTION FOR SUITE KITCHEN AND WASHROOM RECEPTACLES WITHIN 1500mm OF SINK.
 - FOR 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, 1P CIRCUIT BREAKER AHEAD OF OTHER LOADS.
 - ALL OUTDOOR RECEPTACLES SHALL BE WEATHERPROOF (LEGRADE CAT# 3232TRUR-GRY FOR NON-GFCI) AND CAT# 1B35TRUR-GRY FOR GFCI) AND SHALL BE EQUIPPED WITH A WHILE IN USE CAST ALUMINUM COVERPLATE (LEGRADE CAT# WUCASTI) COVERPLATE.

- KEY NOTES - INSUITE:**
- DESIGNATED "LAUNDRY RECEPTACLE" AS DEFINED BY ESA CODE 26-1100(e)(11), 26-1201(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 DUG. E-35.
 - SUITE DOOR CONTACTS AND GLASS BREAK DETECTOR WILL COMPLETE WITH INTRUSION ALARM SYSTEM THAT CONTACT TO THE CONCIERGE 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.



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-FORT 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. HANDBET | | 1200 MM AFF. |
| PULL STATION | | 1200 MM AFF. |

ELECTRICAL LEGEND

LIGHTING

- FLUORESCENT LIGHT FIXTURE TYPE AS INDICATED
- NIGHT LIGHT OR 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
- STREP LIGHT
- UNDER CABINET FLUORESCENT LIGHT FIXTURE
- CEILING MOUNTED WALL MOUNTED EXIT SIGN
- SINGLE/ALTERNATE EMERGENCY LAMP REPORT HEAD
- EMERGENCY BATTERY PACK
- OCCUPANCY SENSOR POWER RACKS
- SINGLE/DOUBLE POLE SINGLE/DOUBLE THROUGH TROUBLE SWITCH RESPECTIVELY
- 13" X 18" 1" DISCONNECT SWITCH-START/STOP LIGHT, OTHER SWITCHES 17"
- 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-POLE 4-WIRE DUPLEX RECEPTACLE
- SINGLE RECEPTACLE TYPE AND CONFIGURATION AS SPECIFIED FOR DRIVER
- CONNECTION FOR OVERHEAD/COCKPIT
- ABOVE COUNTER DEVICE
- CEILING MOUNTED DEVICES
- FLOOR MOUNTED DEVICES
- DISCONNECT SWITCH NON-FUSED
- DISCONNECT SWITCH FUSED
- COMBINATION STARTER
- FRACTIONAL MOTOR/FA DIRECT CONNECTION
- DIRECT CONNECTION SINGLE PHASE
- DIRECT CONNECTION THREE PHASE
- THERMOSTAT
- DRYER SENSOR
- HEAT TRACE
- ELECTRICAL HEATER
- ELECTRICAL PANEL / SECURITY PANEL

TELECOMMUNICATION

- TV/CABLE OUTLET
- TELEPHONE OUTLET
- TELEPHONE/CABLE (MULTI-PORT OUTLET)
- DATA OUTLET
- DATA/TELEPHONE OUTLET
- N 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
- GLASS BREAK DETECTOR
- GLASS BREAK DETECTOR
- AUTOMATIC DOOR OPERATOR
- MOTION DETECTOR
- PUSH BUTTON
- SECURITY CAMERA

LIFE SAFETY

- FIRE ALARM SMOKE DETECTOR
- SPOKE ALARM
- FIRE ALARM DUCT TYPE SPOKE DETECTOR
- FIRE ALARM HEAT DETECTOR
- FIRE ALARM HEAT DETECTOR
- POSSIBLE PROOF HEAT DETECTOR
- CO ALARM
- COMBINATION SPOKE 4 CO ALARM
- CO SENSOR / NO SENSOR
- FIRE ALARM MANUAL PULL STATION
- FIREFIGHTER'S HANDSET
- 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

REVISIONS

| NO. | DATE | DESCRIPTION | BY |
|-----|------|-------------|----|
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| | | | |

NOVA PROFESSIONAL ENGINEER
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8/F NORTH FLOOR PLAN ELECTRICAL LAYOUT

PROJECT: ALEXANDRA PARK
 38 CAMERON STREET, BLOCK 11 TORONTO ONTARIO

DATE: FEB. 13 1313
 SCALE: 1:50
 DRAWING NUMBER: E-21

Drawing Name: \CADD\ENER\Current\Draw\131315 - Alexandra Park\04\1315E-021 (8/F ELEC) (4) Rev: Sep 23, 2014 - 2:27pm