

[illegible]

- GENERAL NOTES - RESIDENTIAL:**
1. ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH MECHANICAL, STRUCTURAL, ARCHITECTURAL, AND LANDSCAPE DRAWINGS.
 2. CONTRACTOR SHALL RUN CABLES WITHIN CEILING SLAB OR ENCLOSURES TO RETAIN 2 HOUR FIRE PROTECTION RATING FOR ALL LOADS THAT CONNECT TO EMERGENCY POWER.
 3. FIRE ALARM RISERS SHALL BE RUN IN 2 HOUR FIRE RATED ELECTRICAL CLOSET. REFER TO DUG. E-32 FOR RISER DIAGRAM AND DETAILS.
 4. STAIRWAY WALL MOUNTED EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED @ 7' AFF.
 5. 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.
 6. FOR STORAGE ROOM VENTILATION SYSTEM, DIV. 16 TO PROVIDE CONDUIT, WIRING AND SWITCH (5) TO START/STOP FAN AND DAMPER. FAN AND 110V ACTUATOR TO BE SUPPLIED AND INSTALLED BY DIV. 15.
 7. 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.
 8. 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.
 9. REFER TO SUITE PANEL SCHEDULES FOR INSUITE CIRCUIT ARRANGEMENT.
 10. ALL DUELLING UNIT RECEPTACLES EXCEPT IN KITCHEN SHALL BE TAMPER PROOF.
 11. PROVIDE GROUND FAULT PROTECTION FOR SUITE KITCHEN AND WASHROOM RECEPTACLES WITHIN 1500mm OF SINK.
 12. [CB] PROVIDE TELECOMMUNICATION BOX C/W BUILT-IN RECEPTACLE FOR TELECOMMUNICATION. TELECOMMUNICATION BOX SHALL BE COMPLIANT WITH THE TELECOM SERVICE PROVIDER SPECIFICATION. REFER TO DETAIL #5 ON DUG. E-35 FOR TELECOM JUNCTION BOX INSTALLATION.
 13. [DS] DRYER SENSOR TO START DRYER VENTILATION FAN AUTOMATICALLY WHEN DRYER IS RUNNING.

KEY NOTES - RESIDENTIAL:

- ① FOR CIRCUITING, REFER TO TABLE "A".
- ② 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.
- ③ REFER TO SUPERVISAL VALVE AND FLOW SWITCH SCHEDULE ON DUG. E-XX FOR DETAILS ON TYPICAL FLOORS.
- ④ PROVIDE TELECOMMUNICATION BACKBOARD C/W 15v, 1v, 15A RECEPTACLE AS PER COMMUNICATION RISER DIAGRAM ON DUG. E-31.
- ⑤ CONTRACTOR SHALL REFER TO ELECTRICAL SINGLE LINE DIAGRAM ON DUG. E-30 AND SDP RISER ON DUG. E-31 FOR SDP LOCATIONS AND DISTRIBUTION.
- ⑥ PROVIDE CONDUIT AS PER RISER SCHEDULE "A" ON DUG. E-35 FOR BISORTER/TRISORTER CIGER SYSTEM.
- ⑦ ALL SUITE DOOR CONTACTS WILL COMPLETE WITH INTRUSION ALARM SYSTEM THAT CONTACT TO THE CONCIERGE STATION.
- ⑧ DESIGNATED "LAUNDRY RECEPTACLE" AS DEFINED BY ESA CODE 26-1201(a)(1), 26-1201(b) AND ESA BULLETIN 26-26-07 (WITHIN 3m RADIUS OF LAUNDRY CLOSET). RECEPTACLE SHALL BE CONNECTED TO A DEDICATED CIRCUIT. SEE DETAIL "A" ON DUG. E-35.
- ⑨ SWITCHES, RECEPTACLES, ETC., TO BE INSTALLED AS TO NOT INTERFERE WITH THE OPENING AND OPERATION OF SLIDING DOOR.

ELECTRICAL LEGEND	
LIGHTING	
	FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED
	NIGHT LIGHT OR LIGHT CONNECTED TO EMERGENCY POWER
	LIGHTING MOUNTED/MOUNTED LIGHT FIXTURE, NOBRIER LETTER DENOTES TYPE
	MOUNTED LIGHT FIXTURE, NOBRIER LETTER DENOTES TYPE
	CEILING LIGHT OUTLET
	TRACK LIGHT
	SPOT LIGHT
	UNDER CABINET FLUORESCENT LIGHT FIXTURE
	CEILING MOUNTED/MOUNTED EXIT SIGN
	EMERGENCY BATTERY PACK
	SENSOR POWER PACK
	THREE POLE SINGLE THROW/THREE THROW TOGGLE SWITCH RESPECTIVELY
	THREE POLE SINGLE THROW/THREE THROW TOGGLE SWITCH WITH BREAK, OTHER SWITCHES LIGHTED RESPECTIVELY
	MASTER LIGHTING SHUT-OFF SWITCH
	SENSOR WALL SWITCH, SELF POWERED
	OCCUPANCY SENSOR, SELF POWERED
POWER	
	REGULAR DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE, GROUND FAULT INTERRUPT
	15-20 AMP DUPLEX RECEPTACLE
	SINGLE RECEPTACLE, TYPE AND CONFIGURATION AS SPECIFIED
	CONNECTION FOR OVEN/COOKTOP
	ABOVE COUNTER DEVICE
	CEILING MOUNTED DEVICES
	DOOR MOUNTED DEVICES
	DISCONNECT SWITCH, NON-FUSED
	DISCONNECT SWITCH, FUSED
	COMBINATION STARTER
	FRACTIONAL, NONFRACTIONAL, DIRECT CONNECTION
	DIRECT CONNECTION, SINGLE PHASE
	DIRECT CONNECTION, THREE PHASE
	THERMOSTAT
	FIRE ALARM SENSOR
	HEAT TRACE
	ELECTRICAL HEATER
	ELECTRICAL PANEL / SECURITY PANEL
TELECOMMUNICATION	
	TYABLE OUTLET
	PHONE OUTLET
	TELEPHONY CABLE (MULTI-POINT) OUTLET
	DATA OUTLET
	DATA OUTLET, MULTI-POINT
	IN SUITE TELECOM BOX, CAN BE RECEPTACLE
	UP LOCATION
	VOICE CONTROL
	RADIO RECEIVER
SECURITY	
	INTERCOM / INTERPHONE
	INTERCOM WITH CAMERA
	PANIC BUTTON / PANIC INTERCOM STATION
	CARD READER
	ELECTRONIC RELEASE CARD ACCESS/RADIO
	ALARM
	MAGLOCK
	DOOR CONTACT / WINDOW CONTACT
	FIRE ALARM DOOR OPERATOR
	MOTION DETECTOR
	PUSH BUTTON
	SECURITY CAMERA
LIFE SAFETY	
	FIRE ALARM SMOKE DETECTOR
	SMOKE ALARM
	FIRE ALARM DELAY TIME SMOKE DETECTOR
	FIRE ALARM SMOKE DETECTOR
	FIXED TEMP 88 °C DEGREE HEAT DETECTOR
	MOISTURE PROOF HEAT DETECTOR
	ALARM
	COMBINATION SMOKE & CO ALARM
	CO SENSOR / NO SENSOR
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM PULL STATION
	FIRE ALARM STROBE/HORN, WALL, MID.
	FIRE ALARM HORN, WALL, MID.
	FIRE ALARM SPEAKER/NOISE CEILING, MID.
	FIRE ALARM SPEAKER, CEILING, MID.
	FIRE ALARM WARNING HORN, PANEL, MID.
	FIRE ALARM CONTROL, PANEL, MID.

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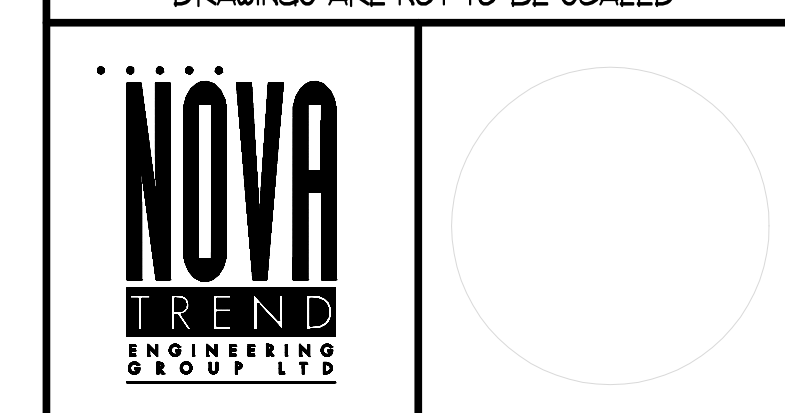
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DATE	NO.	DESCRIPTION	BY

MARK VOID ALL PRINTS DATED PREVIOUS TO FINAL DATE ABOVE

REVISIONS

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

DRAWINGS ARE NOT TO BE SCALED



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DRAWING TITLE:
9/F NORTH FLOOR PLAN
ELECTRICAL LAYOUT

PROJECT TITLE:
ALEXANDRA PARK

XXX TORONTO	ONTARIO
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DATE: FEB, 13	PROJECT NUMBER: 1313	DRAWING NUMBER: E-23 OF
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