



GENERAL NOTES - RESIDENTIAL:

ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH MECHANICAL, STRUCTURAL, ARCHITECTURAL AND LANDSCAPE DRAWINGS, AND COMPLY WITH ALL AFFILIABLE NOTES.

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. STAIRWAY WALL MOUNTED EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED @ 1' AFF.

4. 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.

5. FOR STORAGE ROOM VENTILATION SYSTEM DIV. 15 TO PROVIDE CONDUIT, WIRING AND SWITCH (3) TO START/STOP FAN AND DAMPER. FAN AND 120V ACTUATOR TO BE SUPPLIED AND INSTALLED BY DIV. 15.

6. 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 120V ACTUATOR TO BE SUPPLIED AND INSTALLED BY DIV. 15.

7. 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.

8. REFER TO SUITE PANEL SCHEDULES FOR INSUITE CIRCUIT ARRANGEMENT.

9. ALL DWELLING UNIT RECEPTABLES EXCEPT IN KITCHEN SHALL BE TAMPER PROOF.

10. PROVIDE GROUND FLOOR PROTECTION FOR SUITE KITCHEN AND WASHROOM RECEPTABLES WITHIN 1500mm OF SINK.

11. [CS] DATA, E-35 FOR TELECOM JUNCTION BOX INSTALLATION.

12. [DS] DRYER, E-35 FOR TELECOM JUNCTION BOX INSTALLATION.

13. ALL SMOKE ALARMS WITHIN THE SUITE SHALL BE HARDWIRED TOGETHER AND TO A ISA, IF CIRCUIT BREAKER AHEAD OF OTHER LOADS.

14. ALL DWELLING UNIT RECEPTABLES, INCLUDING KITCHEN COUNTER RECEPTABLES, OF CSA CONFIGURATION 5-15R AND 5-20R SHALL BE TAMPER RESISTANT RECEPTABLES WITH EXCEPTION OF RECEPTABLES DEDICATED FOR STATIONARY APPLIANCES SUCH THAT THE RECEPTABLE IS RENDERED INACCESSIBLE, OR THOSE LOCATED ABOVE 2m FROM THE FLOOR OR FINISHED GRADE. RULE 26-112(g) 26-112(n) BULLETIN 26-25-4.

15. ALL BEDROOM RECEPTABLES SHALL BE CONNECTED TO ARC-FAULT CIRCUIT BREAKERS (AFGI).

16. RECEPTABLES 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 26-122(e).

ELECTRICAL LEGEND

LIGHTING



FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED



NIGHT LIGHT OR CONNECTED TO EMERGENCY POWER



CEILING MOUNTED WALL MOUNTED LIGHT FIXTURE, INSCRIPTED LETTER DEVOTED TO



ROULE MOUNTED LIGHT FIXTURE, INSCRIPTED LETTER DEVOTES TYPE



TRACK LIGHT



UNDER CABINET FLUORESCENT LIGHT FIXTURE



CEILING MOUNTED WALL MOUNTED EXIT SIGN



EMERGENCY BATTERY PACK



OCCUPANCY SENSOR POWER PLUGS



SINGLE/DOUBLE POLE ANGLE/LIGHT FIXTURE THROUGH FLOOR PLATE RESPECTIVELY



THROUGH FLOOR PLATE RESPECTIVELY



THROUGH FLOOR PLATE RESPECTIVELY



MASTER LIGHTING SWITCH OFF-OUT



SENSOR WALL SWITCH PIR, SELF POWERED



OCCUPANCY SENSOR CEILING MOUNTED

POWER



REGULAR DUPLEX RECEPTABLE



DUPLEX RECEPTABLE, GROUND FLOOR INTERRUPT AS SPECIFIED FOR ORDER



3-WIRE SLOT DUPLEX RECEPTABLE



SINGLE RECEPTABLE, TYPE AND CONFIGURATION AS SPECIFIED FOR ORDER



CONNECTION FOR OVEN/COOKTOP



ABOVE COUNTER DEVICE



CEILING MOUNTED DEVICES



FLOOR MOUNTED DEVICES



DISCONNECT SWITCH, NON-FUSED



DISCONNECT SWITCH, FUSED



COMBINATION SWITCH



FRACTIONAL HORSEPOWER DIRECT CONNECTION



DIRECT CONNECTION, SINGLE PHASE



DIRECT CONNECTION, THREE PHASE



HEATING



DRYER SYMBOL



HEAT TRACE



ELECTRIC HEATER



ELECTRICAL PANEL / SECURITY PANEL

TELECOMMUNICATION



TYPICAL OUTLET



TELEPHONE OUTLET



DATA OUTLET



TELEPHONE OUTLET



DATA OUTLET



TELEPHONE OUTLET



DATA OUTLET



TELEPHONE OUTLET



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SECURITY



INTERCOM / ENTRANCE



PANIC BUTTON / PANIC INTERCOM STATION



CAR ALARM



AUTOMATIC RELEASE CARD ACCESS/READER



ELECTRIC STRIKE



MAGNETIC



DOOR CONTACT / WINDOW CONTACT



AUTOMATIC DOOR OPERATOR



MOTION DETECTOR



PUSH BUTTON



SECURITY CAMERA

LIFE SAFETY

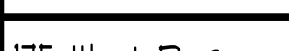
KEY NOTES - RESIDENTIAL:

- 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/U 1B5, 1P, 1B4 RECEPTACLE AS PER COMMUNICATION RISER DIAGRAM ON DUG. E-31.
- CONTRACTOR SHALL REFER TO ELECTRICAL SINGLE LINE DIAGRAM ON DUG. E-30 AND RISE RISER ON DUG. F-31 FOR RISE LOCATIONS, AND

- ⑥ PROVIDE CONDUIT AS PER RISER DETAIL #3 ON DWG. E-35 FOR BISOETER/TRISOETER CONTROL 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 26-110(e)(1), 26-120(b) 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.

[illegible]

GENERAL AREA CIRCUITING - TABLE #1				DATE	DESCRIPTION	BY
THANK YOU FOR PROVIDING YOUR OWN FORMAL DATA ABOVE						
REVISIONS						
CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING. THE ENGINEER SHALL BE THE GRADING AND PROPERTY OF THE ENGINEER AND THAT BE RETURNED TO HIM/HER UPON COMPLETION OF THE WORK.						
DRAWINGS ARE NOT TO BE SCALED						
LIGHTING FIXTURE LOCATION	CCT #	RECEPTACLE LOCATION	CCT #			
P4 TO P1 - EXIT SIGNS	EX-XX	LOBBY (P4 TO P1)	EX-XX			
G/F TO I/O/F - EXIT SIGNS	EX-XX	STAIR "A" (5/F,2/F,2/F)	EX-XX			
I/O/F TO ROOF - EXIT SIGNS	EX-XX	STAIR "B" (1/F,3/2,1/2,1/2,1/2,1/2) FLOORS	EX-XX			
LOBBY (P4 TO P1)	EX-XX	STAIR "B" (1/2,3/2,3/2,1/2,1/2) FLOORS	EX-XX			
STAIR "A" (P4 TO G/F)	EX-XX	STAIR "B" (1/2,3/2,3/2,1/2,1/2) FLOORS	EX-XX			
CORRIDOR	EX-XX	STAIR "C" (1/2,3/2,3/2,1/2) FLOORS	EX-XX			
	EX-XX	STAIR "D" (P1/F,4) FLOORS	EX-XX			
	EX-XX	STAIR "E" (P1) FLOOR	EX-XX			
	EX-XX	CORRIDOR	EX-XX			

					
	175 West Beaver Creek Road Unit 31 Richmond Hill, Ontario L4B 3M1 Tel: 905 882-5445 Fax: 905 882-5441 Email: cadd@novatrendeng.com				
	DRAWING TITLE 10/F FLOOR PLAN ELECTRICAL LAYOUT				
	PROJECT TITLE ALEXANDRA PARK XXXX TORONTO ONTARIO				
DRAWN BY: S.O.		CHECKED BY: S.T.		SCALE 1:50	
DATE FEB. 13		PROJECT NUMBER 1313		DRAWING NUMBER E-24 OF	