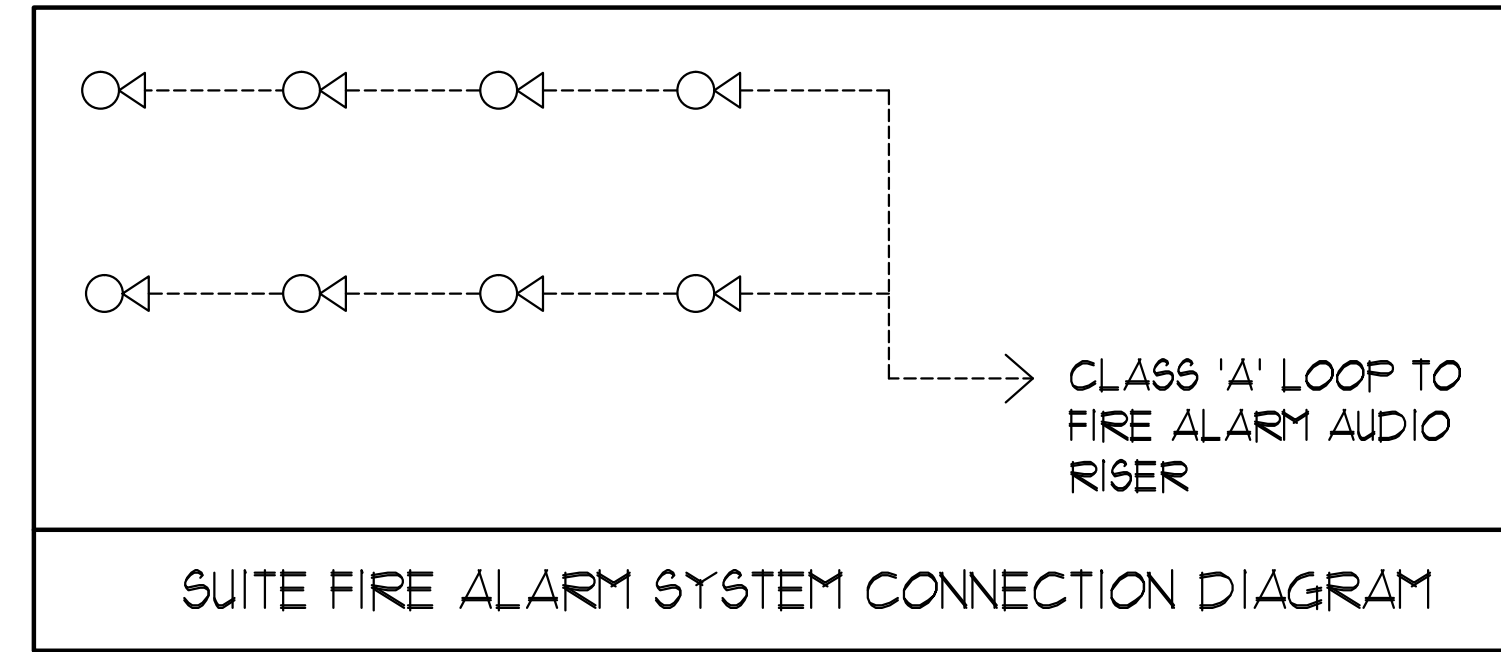




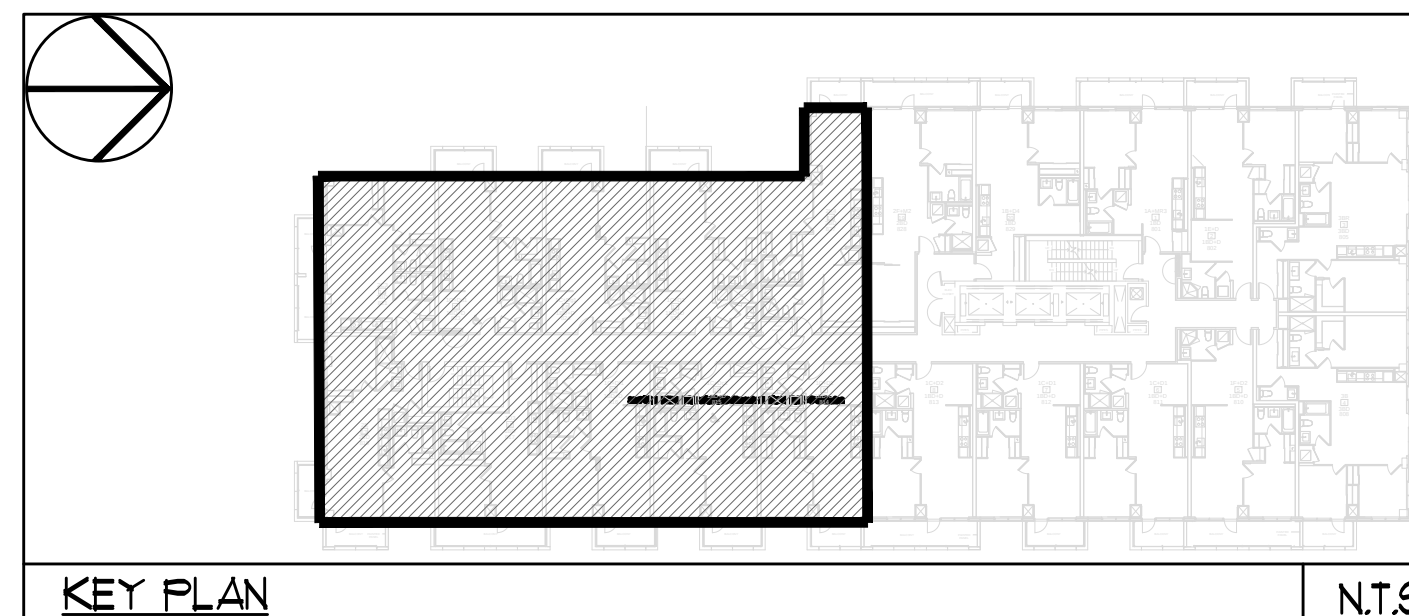
MOUNTING HEIGHT SCHEDULE (DIMENSIONS ARE FROM FINISH FLOOR TO TOP OF WALL BOX)		
OUTLET	SUITES	PUBLIC AREA
RECEPTACLE	18" F.F.F.	18" F.F.F.
KITCHEN COUNTER SPLIT RECEPTACLE	46" F.F.F.	46" F.F.F.
TV/TELEPHONE (MULTI-PORT) OUTLET	18" F.F.F.	18" F.F.F.
LIGHT SWITCH	38" F.F.F.	38" F.F.F.
SECURITY PANEL	62" 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" F.F.F.
FIREFIGHTER'S HANDSET		41" F.F.F.
FULL STATION		41" F.F.F.

GENERAL AREA CIRCUITING - TABLE #1		
LIGHTING FIXTURE LOCATION	CCT. #	RECEPTACLE LOCATION
P4 TO P1 - EXIT SIGNS	EX-XX	LOBBY (P4 TO P1)
G/F TO 10/F - EXIT SIGNS	EX-XX	STAIR "A" (B/F2 F/F2)
11/F TO ROOF - EXIT SIGNS	EX-XX	STAIR "B" (MPH3021242118/19) FLOORS
LOBBY (P4 TO P1)	EX-XX	STAIR "B" (12363 P/F4) FLOORS
STAIR "A" (P4 TO G/F)	EX-XX	STAIR "C" (MPH30212421) FLOORS
CORRIDOR	EX-XX	STAIR "C" (181512563) FLOORS
-	EX-XX	STAIR "D" (P/F4) FLOORS
-	EX-XX	STAIR "E" (P/F) FLOOR
-	EX-XX	CORRIDOR

- 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 #1 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 DWELLING 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 #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.

- 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/W 115V, 1P, 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 #9 ON DUG. E-35 FOR BISORTER/TRISORTER 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 26-110(a)(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 DUG. E-35.
 - 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
	CEILING MOUNTED WALL MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE
	POLE MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE
	TRACK LIGHT
	STRIP LIGHT
	UNDER CABINET FLUORESCENT LIGHT FIXTURE
	CEILING MOUNTED WALL MOUNTED EXIT SIGN
	EMERGENCY BATTERY PACK
	OCCUPANCY SENSOR POWER PACKS
	SINGLE/DOUBLE POLE, SINGLE/DOUBLE THROW TOGGLE SWITCH RESPECTIVELY
	3-WAY/4-WAY SWITCHES 3-WAY/4-WAY/FLYOUT LIGHT, OTHER SWITCHED LIGHT RESPECTIVELY
	MASTER LIGHTING SHUT-OFF SWITCH
	SENSOR WALL SWITCH FIRE SELF POWERED
	OCCUPANCY SENSOR CEILING MOUNTED
POWER	
	REGULAR DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE GROUND FAULT INTERRUPT
	SINGLE RECEPTACLE TYPE AND CONFIGURATION AS SPECIFIED FOR DRYER
	CONNECTION FOR OVERCURRENT PROTECTION
	ABOVE COUNTER DEVICE
	CEILING MOUNTED DEVICES
	FLOOR MOUNTED DEVICES
	DISCONNECT SWITCH NON-FUSED
	DISCONNECT SWITCH FUSED
	COPERNATION STARTER
	FRACTIONAL MOTOR/FAN 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
	IN-SUITE TELECOM BOX C/W RECEPTACLE
	UPI 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
	MAGNETIC STRIKE
	DOOR CONTACT / WINDOW CONTACT
	AUTOMATIC DOOR OPERATOR
	MOTION DETECTOR
	PUSH BUTTON
	SECURITY CAMERA
LIFE SAFETY	
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM DUCT TYPE SMOKE DETECTOR
	FIRE ALARM HEAT DETECTOR
	FIXED TYPE 68°C/158°F SMOKE HEAT DETECTOR
	MOISTURE PROOF HEAT DETECTOR
	CO ALARM
	COMBINATION SMOKE & CO ALARM
	CO SENSOR / NO SENSOR
	FIRE ALARM MANUAL PULL STATION
	FIREFIGHTER'S HATCHET
	FIRE ALARM STROBES HORN WALL MTD.
	FIRE ALARM HORN WALL MTD.
	FIRE ALARM SPEAKER STROBE CEILING MTD.
	FIRE ALARM SPEAKER CEILING MTD.
	FIRE ALARM ANNUNCIATION PANEL
	FIRE ALARM CONTROL PANEL



NOVA TREND	115 West Beaver Creek Road, Unit 31 Richmond Hill, Ontario L4B 3H1 Tel: 905-882-5445 Fax: 905-882-5447 Email: cadd@novatrendeng.com
PROJECT TITLE	8/F SOUTH 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-20
SCALE	1:50
DATE	FEB, 13
PROJECT NUMBER	1313
DRAWING NUMBER	E-20
SCALE	1:50