



UNITED ENGINEERING INC
Mechanical and Electrical Consulting Engineers

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SITE INSTRUCTION

PROJECT: HAMPTON MANOR
25 BAKER HILL BLVD
STOUFFVILLE, ONTARIO

PROJECT NO #: 14-016

CONTRACT: Electrical

DATE March 22, 2018

SITE INSTRUCTION NO.: E-21

THIS SITE INSTRUCTION IS NOT TO BE CONSTRUED AS A CHANGE IN THE CONTRACT PRICE, BUT IS ISSUED FOR CLARIFICATION ONLY. IF A CHANGE IN CONTRACT PRICE IS PERCEIVED, PROVIDE AN ITEMIZED BREAKDOWN OF ANY EXTRAS OR CREDITS WITHIN SEVEN (7) WORKING DAYS.

PURPOSE: As per client request.

**1.0 Reference Drawings E-3A (Ground Floor Plan A - Electrical) Issued
E-3B (Ground Floor Plan B - Electrical)**

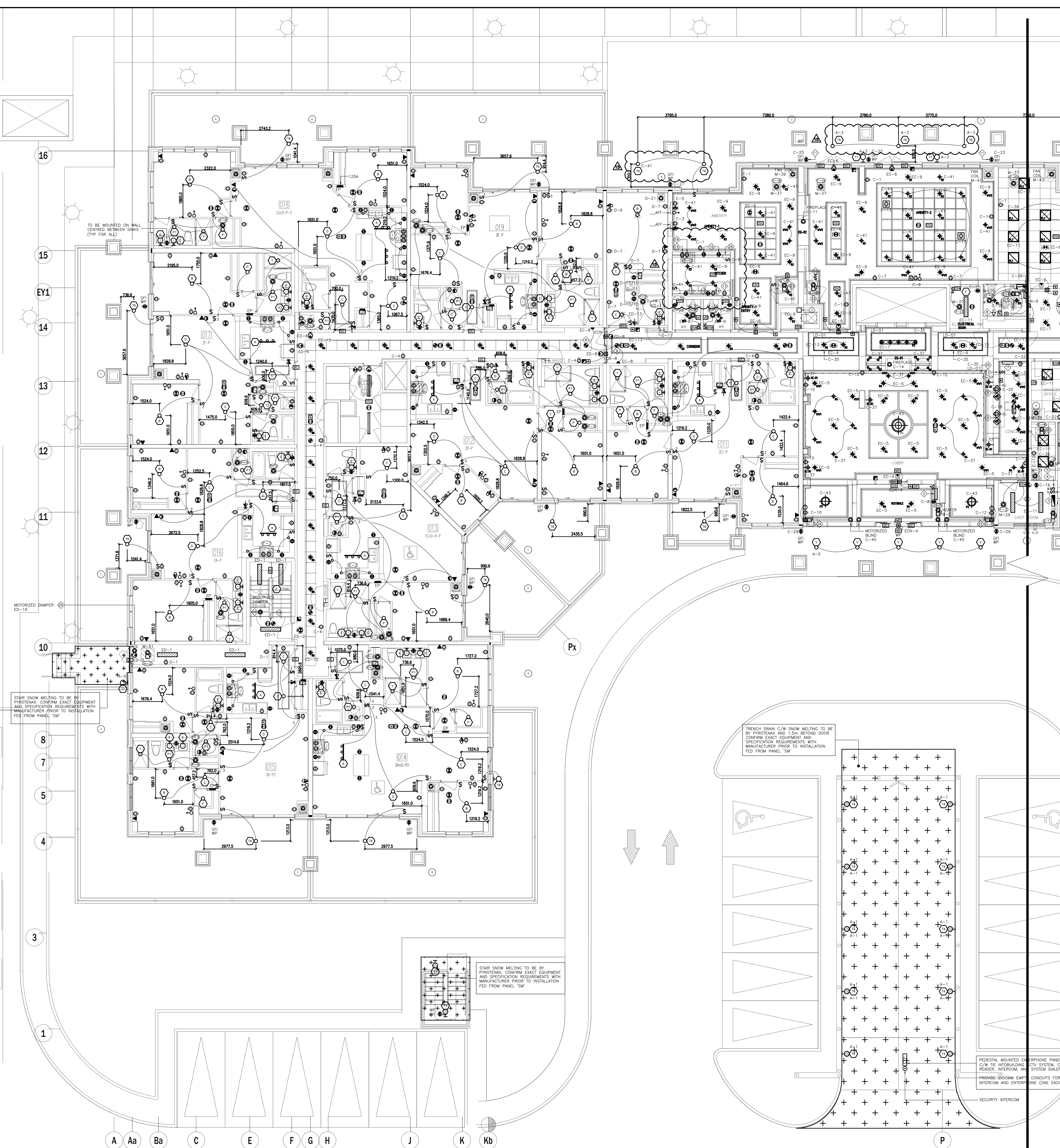
- 1.1 Revise: Exterior lighting fixture layout in amenity area as shown.
Lighting fixture to be surface mount type 'T6'.
- 1.2 Revise: Kitchen electrical layout and notes as shown, connect stove to
circuit: C: 48/50 with a 208V, 2P, 40A breaker.

PREPARED BY:

Susan Pan

Susan Pan
Electrical Department

ISSUED TO ROYAL PINE HOMES,
Cinzia Caruso, Cinzia@royalpinehomes.com;
Vince Staffieri, vince@royalpinehomes.com
FOR DISTRIBUTION TO ALL AFFECTED PARTIES.



- ### SUITES' KEY NOTES (TYPICAL)
- 1 DOOR CONTACT
 - 2 SUITE INTRUSION ALARM AND KEYPAD WITH DIGITAL DISPLAY
 - 3 IN SUITE TELEPHONE/TV COMBO DISTRIBUTION PANEL
 - 4 CEILING MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE LIGHT
 - 5 120V U-GROUND DUPLEX RECEPTACLE FOR GENERAL PURPOSES
 - 6 120V U-GROUND DUPLEX RECEPTACLE WITH ONE HALF SWITCH CONTROLLED
 - 7 WALL MOUNTED TELEPHONE OUTLET
 - 8 120V, 15A, RECEPTACLE FOR FRIDGE
 - 9 120V, 20A, T-SLOT RECEPTACLE MOUNTED ABOVE COUNTER TOP (ALL RECEPTACLES LOCATED WITHIN 1.5M OF KITCHEN SINKS ALONG THE WALL BEHIND THE COUNTERS SHALL BE PROTECTED BY GFI BREAKERS OF THE CLASS A TYPE)
 - 10 UNDER COUNTER LIGHTING TYPE TO BE CONFIRMED BY CLIENT
 - 11 250V, 14, 4W, 50A RECEPTACLE FOR RANGE. CONNECT WITH 3/8" BX OR 3/8" THW-19MM CONDUIT
 - 12 RECEPTACLE FOR KITCHEN MICROWAVE AND EXHAUST FAN
 - 13 120V U-GROUND DUPLEX RECEPTACLE FOR DISHWASHER
 - 14 WALL MOUNTED COMBINATION TV/TELEPHONE OUTLET
 - 15 CEILING MOUNTED FIRE ALARM SPEAKER
 - 16 CEILING MOUNTED 120V SMOKE ALARM/CARBON MONOXIDE COMBO DETECTOR (FOR 1ST, 2ND, 3RD, 4TH AND 7TH FLOORS)
 - 17 CEILING MOUNTED 120V SMOKE ALARM DETECTOR (FOR ALL OTHER FLOORS (4TH-5TH))
 - 18 ALL DETECTORS WITHIN SAME SUITE TO BE INTERCONNECTED AND HAVE A VISUAL SIGNALING COMPONENT IN ACCORDANCE WITH CBC
 - 19 DIRECT CONNECTION FOR VERTICAL FAN COIL UNIT REFER TO MECHANICAL DRAWING FOR MORE DETAILS
 - 20 120V U-GROUND DUPLEX GFI RECEPTACLE FOR WASHROOM
 - 21 120V, 15A, RECEPTACLE FOR WASHER
 - 22 250V, 10, 4W, 30A RECEPTACLE FOR DRYER. CONNECT TO 3/8" BX OR 3/8" THW-19MM CONDUIT
 - 23 WALL MOUNTED TV OUTLET
 - 24 DIRECT CONNECTION FOR DRYER EXHAUST FAN
 - 25 DIRECT CONNECTION FOR WASHROOM EXHAUST FAN
 - 26 FLUSH MOUNTED SUITE SERVICE PANEL. SEE DRAWING E-16 FOR SUITE PANEL SCHEDULE
 - 27 120V U-GROUND DUPLEX GFI WEATHER PROOF RECEPTACLE IN BALCONY (TYPICAL FOR 1ST FLOOR AND EXTERIOR BALCONY ONLY)
 - 28 120V U-GROUND DUPLEX WEATHER PROOF RECEPTACLE IN BALCONY (TYPICAL FOR 2ND TO 7TH FLOORS)
- NOTES:
ALSO REFER TO TYPICAL SUITES NOTES ON DRAWING E-08. (ALL RECEPTACLES SHALL BE PROTECTED BY ARC-FAULT INTERRUPTERS)

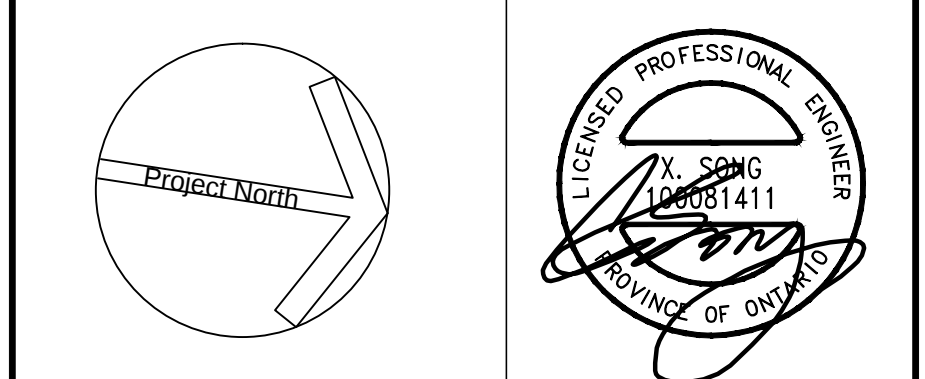
- ### GENERAL KEY NOTES
- 1 JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
 - 2 ENTERPHONE PANEL C/W TIE INTO BUILDING CCTV SYSTEM, CARD READER, INTERCOM, AND SYSTEM DIALER
 - 3 CACF FIRE ALARM CONTROL PANEL
 - 4 KEY SWITCH ELEVATOR RECALL CO-ORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR
 - 5 FIRE ALARM MASTER OPERATION SWITCH FOR FIRE DEPARTMENT MASTER CONTROL
 - 6 CONFIRM POWER AND COMMUNICATION REQUIREMENTS AT CONCIERGE DESK WITH CLIENT. PROVIDE 4x2" CONDUIT TO COMMUNICATION ROOM
 - 7 BUILDING STATUS ANNUNCIATOR PANEL
 - 8 EMERGENCY BUTTON C/W INTERCONNECTION TO CONCIERGE
 - 9 DOOR HOLD OPEN DEVICE INTERCONNECTED TO FIRE ALARM SYSTEM TO RELEASE UPON ACTIVATION OF FIRE ALARM SYSTEM INTERCONNECTED TO LOCALIZED SMOKE DETECTORS
 - 10 TOP OF STAIR
 - 11 SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
 - 12 GFI WATERPROOF BLD RECEPTACLE TO BE INSTALLED AT LEAST 1M AWAY FROM GAS CONNECTION. COORDINATE EXACT LOCATION ON SITE (TYPICAL FOR 2)
 - 13 FIREPLACE'S CONTROL REQUIREMENT AND LOCATION TBC
 - 14 FRIDGE
 - 15 C-32
 - 16 DISHWASHER
 - 17 C-42
 - 18 SPLIT COUNTER RECEPTACLES
 - 19 SPLIT COUNTER RECEPTACLES
 - 20 NO USE
 - 21 MICRO/FAN
 - 22 C-46
 - 23 STOVE
 - 24 C-48/50
 - 25 SPLIT SYSTEM E-8 (STORAGE)
 - 26 M-42/44
 - 27 SPLIT SYSTEM E-8 (WC)
 - 28 M-46/48
 - 29 SPLIT SYSTEM E-8 (AMENITY)
 - 30 M-50/52
 - 31 SPLIT SYSTEM E-8 (AMENITY)
 - 32 M-54/56
 - 33 BASEBOARD HEATER
 - 34 M-23
 - 35 BASEBOARD HEATER
 - 36 COVE LIGHTING "LD-01"
 - 37 CACF ROOM IS REQUIRED TO CONTAIN THE FOLLOWING CONTROLS:
 - 1. A MEANS TO CONTROL THE VOICE COMMUNICATION SYSTEM
 - 2. A MEANS TO INDICATE AUDIBLE AND VISUAL ALARM SIGNALS
 - 3. A MEANS TO INDICATE VISUALLY THAT ELEVATORS ARE ON EMERGENCY RECALL
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 - 9. A MEANS TO INDICATE VISUALLY INDIVIDUAL SPRINKLER SYSTEM WATER FLOW SIGNALS
 - 10. A SWITCH TO SILENCE THE AUDIBLE PORTION OF A SUPERVISORY SIGNAL OR A TROUBLE SIGNAL
 - 11. CONTROLS TO STOP AIR HANDLING SYSTEMS
 - 12. CONTROLS TO INITIATE EMERGENCY PRESSURIZATION AIR SUPPLIES
 - 13. CONTROLS TO OPERATE POWERED DOOR OPERATORS AND/OR MOTORIZED FIRE DAMPERS FORMING PART OF A PRESSURIZATION/RELIEF SYSTEM
 - 38 CONFIRM ALL DIMENSIONS OF LIGHTING FIXTURES ON SITE WITH CLIENT PRIOR TO ROUGH-IN
 - 39 MOTORIZED DAMPER TO BE INTERCONNECTED WITH LOWER PRESS FAN AND RELEASED UPON THE ACTIVATION OF FIRE ALARM (TYPICAL FOR 6)

1. ELECTRICAL DRAWINGS TO BE READ IN CONJUNCTION WITH THE INTERIOR DESIGNER'S DRAWINGS IN AREAS SUCH AS LOBBY, AMENITY, MANAGEMENT OFFICE, MAIL CONCOURSE AND CORRIDORS. REFER TO THE INTERIOR DESIGNER'S DRAWINGS FOR EXACT LOCATION, REQUIREMENTS, MOUNTING HEIGHT AND LIGHTING SPECIFICATION.

FOR CONTINUATION REFER TO DWG. E-3B

NO.	BY	DESCRIPTION	DATE
15	SP	REVISED AS PER SI E-21	2018-03-22
14	SP	REVISED AS PER SI E-18	2018-03-08
13	CM	REVISED AS PER SI E-17	2017-12-19
12	CM	REVISED AS PER SI E-14	2017-11-17
11	CM	REVISED AS PER SI E-13	2017-10-18
10	CM	REVISED AS PER SI E-10	2017-09-12
09	CM	REVISED AS PER SI E-8	2017-08-29
08	CM	REVISED AS PER SI E-4	2017-08-17
07	CM	REVISED AS PER SI E-3	2017-08-11
06	CM	ISSUED FOR CONSTRUCTION	2017-08-09
05	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
04	CM	ISSUED FOR PERMIT	2016-12-28
03	CM	REVISED AS PER ADD E-1	2016-12-12
02	CM	REVISED AS PER ESA COMMENTS AND FOR CLARIFICATION	2016-05-19
01	CM	ISSUED FOR TENDER	2016-03-15

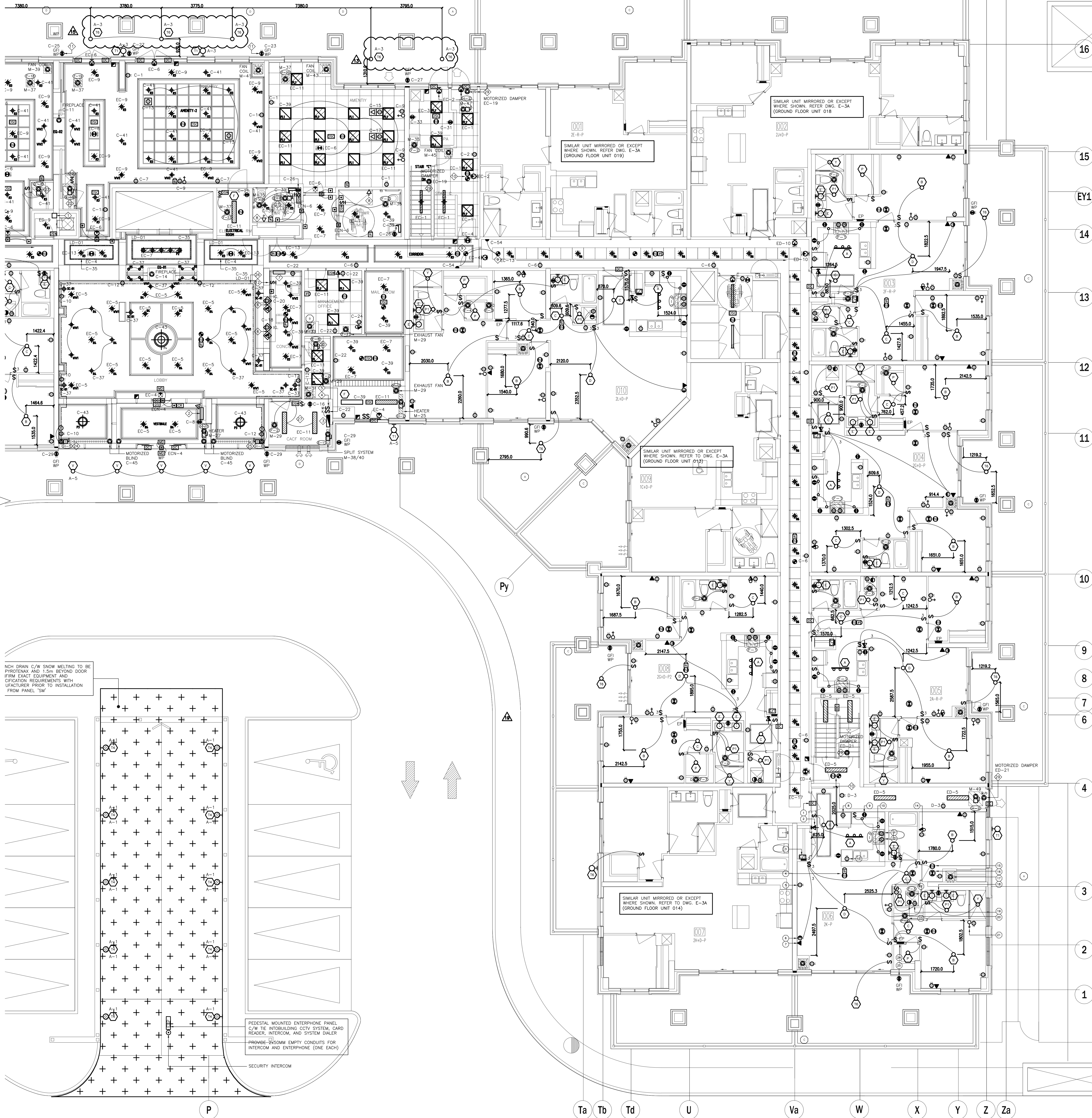
REVISIONS		
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TITLE GROUND FLOOR PLAN -- A ELECTRICAL		
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
ROYAL PINE HOMES STOUFFVILLE, ONTARIO		
DRAWN CM	CHECKED MG	SCALE 1:75
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-3A
		OF 12

FOR CONTINUATION REFER TO DWG. E-3A



SUITES' KEY NOTES (TYPICAL)

- DOOR CONTACT
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GENERAL KEY NOTES

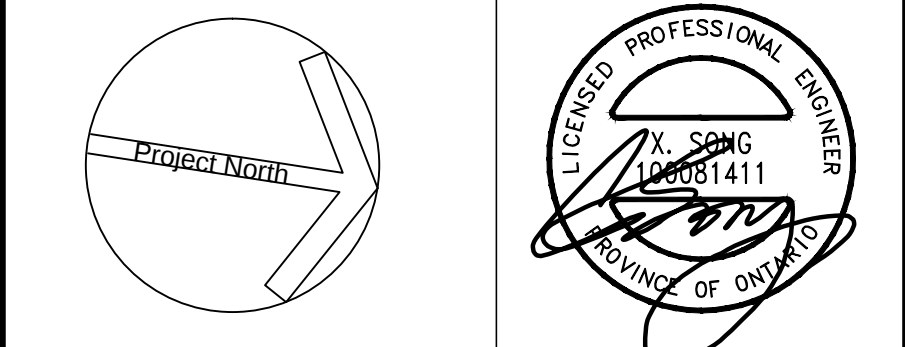
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02	CM	REVISED AS PER ESA COMMENTS AND FOR CLARIFICATION	2016-05-19
01	CM	ISSUED FOR TENDER	2016-03-15

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