



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 09, 2018

SITE INSTRUCTION NO.: E-18

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 site condition.

1.0 Reference Drawing E-3A (Ground Floor A - Electrical) Issued

- 1.1 Add: One 208V, 1P, 40A receptacle for electric cook top in suite 102 & 118, confirm exact location on site with kitchen layout.
- 1.2 Revise: Suite panel size from 100A to 125A for suite 102 & 118. Add one 208V, 1P, 40A breaker in each suite panel for electric cook top.
- 1.3 Add: One wall mounted balcony lighting fixture and delete one ceiling mounted balcony lighting fixture in suite 114.
- 1.4 Add: Two type 'T1' wall mounted exterior lighting fixtures.
Delete one type 'V' ceiling mounted exterior lighting fixture.

2.0 Reference Drawing E-3B (Ground Floor B - Electrical) Issued

- 2.1 Add: One wall mounted balcony lighting fixture and delete one ceiling mounted balcony lighting fixture in suite 107.
- 2.2 Add: One type 'T1' wall mounted exterior lighting fixtures.
- 2.3 Relocate: Two type 'V' ceiling mounted exterior lighting fixtures.

Project #14-016
Hampton Manor

3.0 Reference Drawing E-6A (6th Floor A - Electrical) Issued

- 3.1 Add: One 208V, 1P, 40A receptacle for electric cook top in suite 616, confirm exact location on site with kitchen layout.
One 208V, 1P, 40A breaker in suite panel for electric cook top.
- 3.2 Add: Two ceiling mounted balcony lighting fixtures and delete two wall mounted balcony lighting fixtures for both suite 612 and 613.

4.0 Reference Drawing E-7B (7th Floor B - Electrical) Issued

- 4.1 Add: One 208V, 1P, 40A receptacle for electric cook top in suite 704, 709 & 715. Confirm exact location on site with kitchen layout.
- 4.2 Revise: Suite panel size from 100A to 125A for suite 704, 709 & 715.
Add one 208V, 1P, 40A breaker in each suite panel for electric cook top.
- 4.3 Add: One wall mounted balcony lighting fixture and relocate one ceiling mounted balcony lighting fixture for both suite 710 and 711.

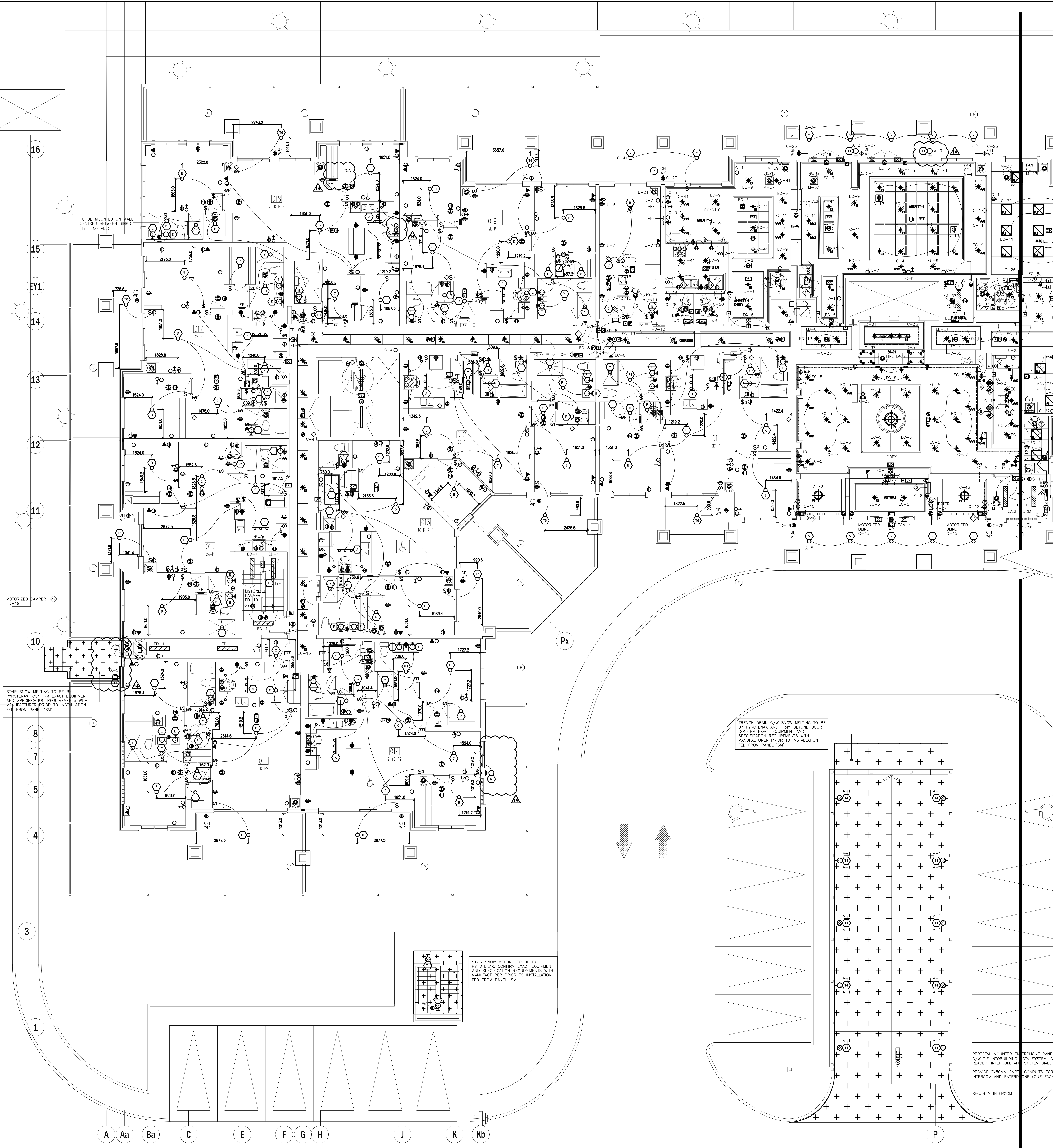
5.0 Reference Drawing E-10 (Risers - Electrical) Issued

- 5.1 Revise: Suites power riser.

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 FLOOR)
- NOTES:
ALSO REFER TO TYPICAL SUITES NOTES ON DRAWING E-08. (ALL RECEPTACLES SHALL BE PROTECTED BY ARC-FAULT INTERRUPTERS)

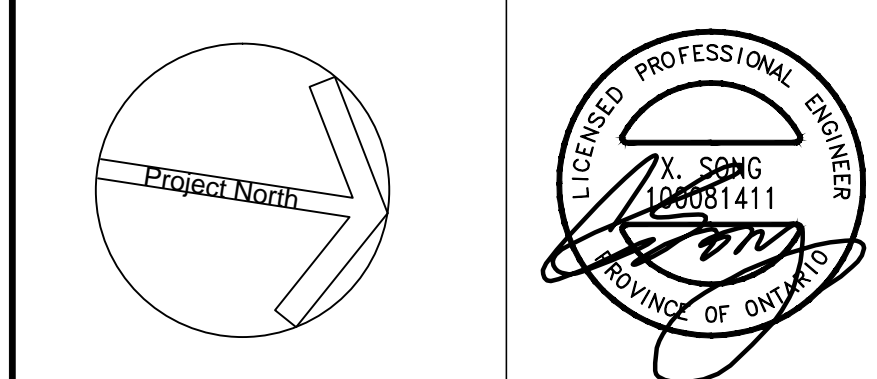
- ### GENERAL KEY NOTES
- 1 JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
 - 2 ENTERPHONE PANEL C/W TIE INTO BUILDING CCTV SYSTEM, CARD READER, INTERCOM, AND SYSTEM DIALER
 - 3 QACF FIRE ALARM CONTROL PANEL
 - 4 KEY SWITCH ELEVATOR RECALL CO-ORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR
 - 5 FIRE ALARM 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 DISHWASHER
 - 16 SPLIT COUNTER RECEPTACLES
 - 17 SPLIT COUNTER RECEPTACLES
 - 18 COOKTOP
 - 19 MICRO/FAN
 - 20 STOVE
 - 21 SPLIT SYSTEM E-8 (STORAGE)
 - 22 SPLIT SYSTEM E-8 (WC)
 - 23 SPLIT SYSTEM E-8 (AMENITY)
 - 24 SPLIT SYSTEM E-8 (AMENITY)
 - 25 BASEBOARD HEATER
 - 26 BASEBOARD HEATER
 - 27 COVE LIGHTING "LD-01"
 - 28 QACF ROOM IS REQUIRED TO CONTAIN THE FOLLOWING CONTROLS:
 - 1. A MEANS TO CONTROL THE VOICE COMMUNICATION SYSTEM
 - 2. MEANS TO INDICATE AUDIBLE AND VISUAL ALARM SIGNALS
 - 3. MEANS TO INDICATE VISUALLY THAT ELEVATORS ARE ON EMERGENCY RECALL
 - 4. MEANS TO TRANSMIT ALARM SIGNALS TO THE FIRE DEPARTMENT
 - 5. MEANS TO RELEASE HOLD-OPEN DEVICES
 - 6. MEANS TO MANUALLY ACTIVATE ALARM SIGNALS
 - 7. MEANS TO SILENCE ALARM SIGNALS
 - 8. MEANS TO COMMUNICATE WITH EVERY ELEVATOR CAR
 - 9. 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 SYSTEM
 - 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
 - 29 CONFIRM ALL DIMENSIONS OF LIGHTING FIXTURES ON SITE WITH CLIENT PRIOR TO ROUGH-IN
 - 30 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 CONCERGE 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
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

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TITLE GROUND FLOOR PLAN -- A ELECTRICAL		
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
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)

- 1 DOOR CONTACT
- 2 SUITE INTRUSION ALARM AND KEYPAD WITH DIGITAL DISPLAY
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- 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, 1-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
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NOTES:
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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
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- 12 GFI WATERPROOF BRD 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 SPLIT COUNTER RECEPTACLES
- 18 SPLIT COUNTER RECEPTACLES
- 19 COOKTOP
- 20 MICRO/FAN
- 21 STOVE
- 22 SPLIT SYSTEM E-8 (STORAGE)
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NO.	BY	DESCRIPTION	DATE
12	SP	REVISED AS PER SI E-18	2018-03-08
11	CM	REVISED AS PER SI E-17	2017-12-19
10	CM	REVISED AS PER SI E-15	2017-11-23
09	CM	REVISED AS PER SI E-10	2017-09-12
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

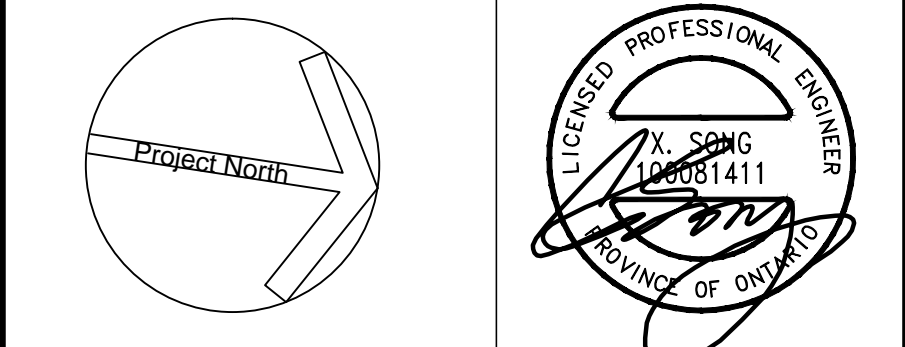
REVISIONS

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Refer to the appropriate trade drawings before proceeding with any work. Installation must conform to all applicable codes and requirements of the authorities having jurisdiction.

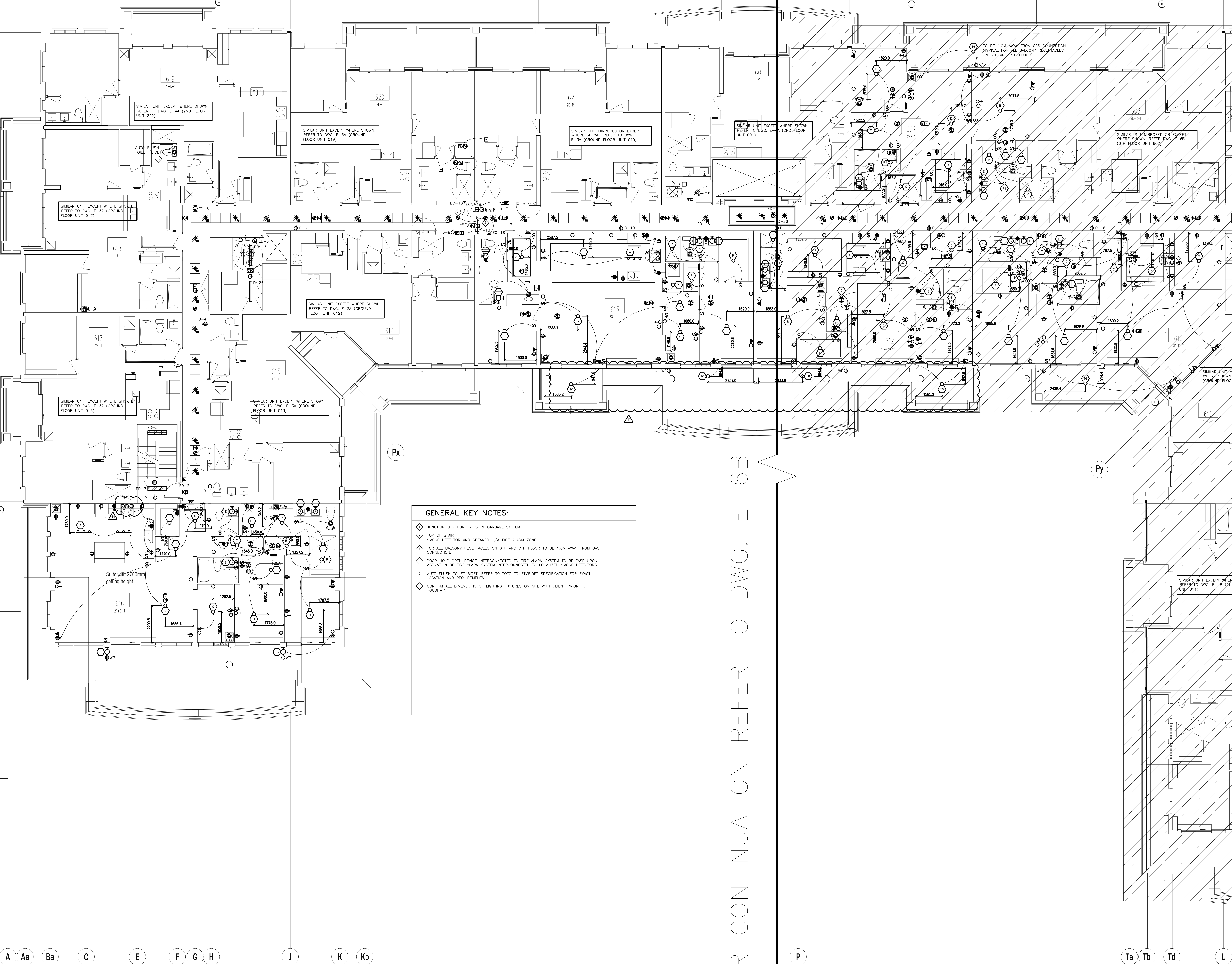
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Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE GROUND FLOOR PLAN - B ELECTRICAL		
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
DRAWN CM		
CHECKED MG		
SCALE 1:75		
DATE SEPT. 2015		
PROJECT 14-016		
DRAWING E-3B		
OF 12		

16
15
EY1
14
13
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11
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8
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1



GENERAL KEY NOTES:

- ◆ JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
- ◆ TOP OF STAIR SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
- ◆ FOR ALL BALCONY RECEPTACLES ON 6TH AND 7TH FLOOR TO BE 1.0M AWAY FROM GAS CONNECTION
- ◆ DOOR HOLD OPEN DEVICE INTERCONNECTED TO FIRE ALARM SYSTEM TO RELEASE UPON ACTIVATION OF FIRE ALARM SYSTEM INTERCONNECTED TO LOCALIZED SMOKE DETECTORS
- ◆ AUTO FLUSH TOILET/BIDET, REFER TO TOTO TOILET/BIDET SPECIFICATION FOR EXACT LOCATION AND REQUIREMENTS
- ◆ CONFIRM ALL DIMENSIONS OF LIGHTING FIXTURES ON SITE WITH CLIENT PRIOR TO ROUGH-IN

FOR CONTINUATION REFER TO DWG. E-6B

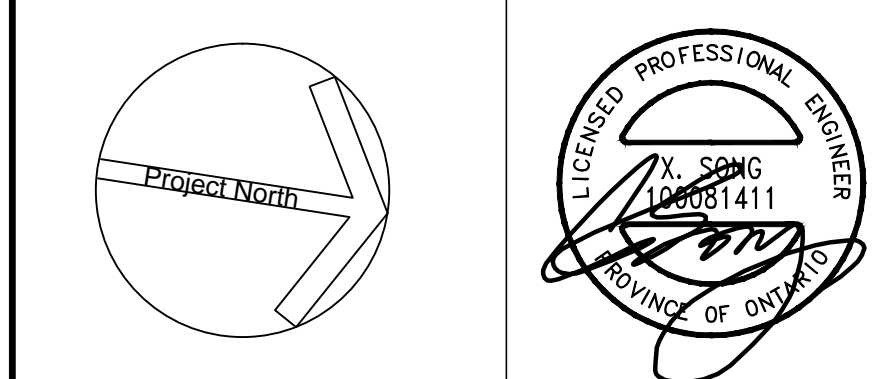
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08	CM	REVISED AS PER SI E-10	2017-09-12
07	CM	REVISED AS PER SI E-3	2017-08-11
06	CM	ISSUED FOR CONSTRUCTION	2017-08-09
05	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
04	CM	ISSUED FOR PERMIT	2016-12-28
03	CM	REVISED AS PER ADDENDUM E-1	2016-12-12
02	CM	REVISED AS PER ESA COMMENTS AND FOR CLARIFICATION	2016-05-19
01	CM	ISSUED FOR TENDER	2016-03-15

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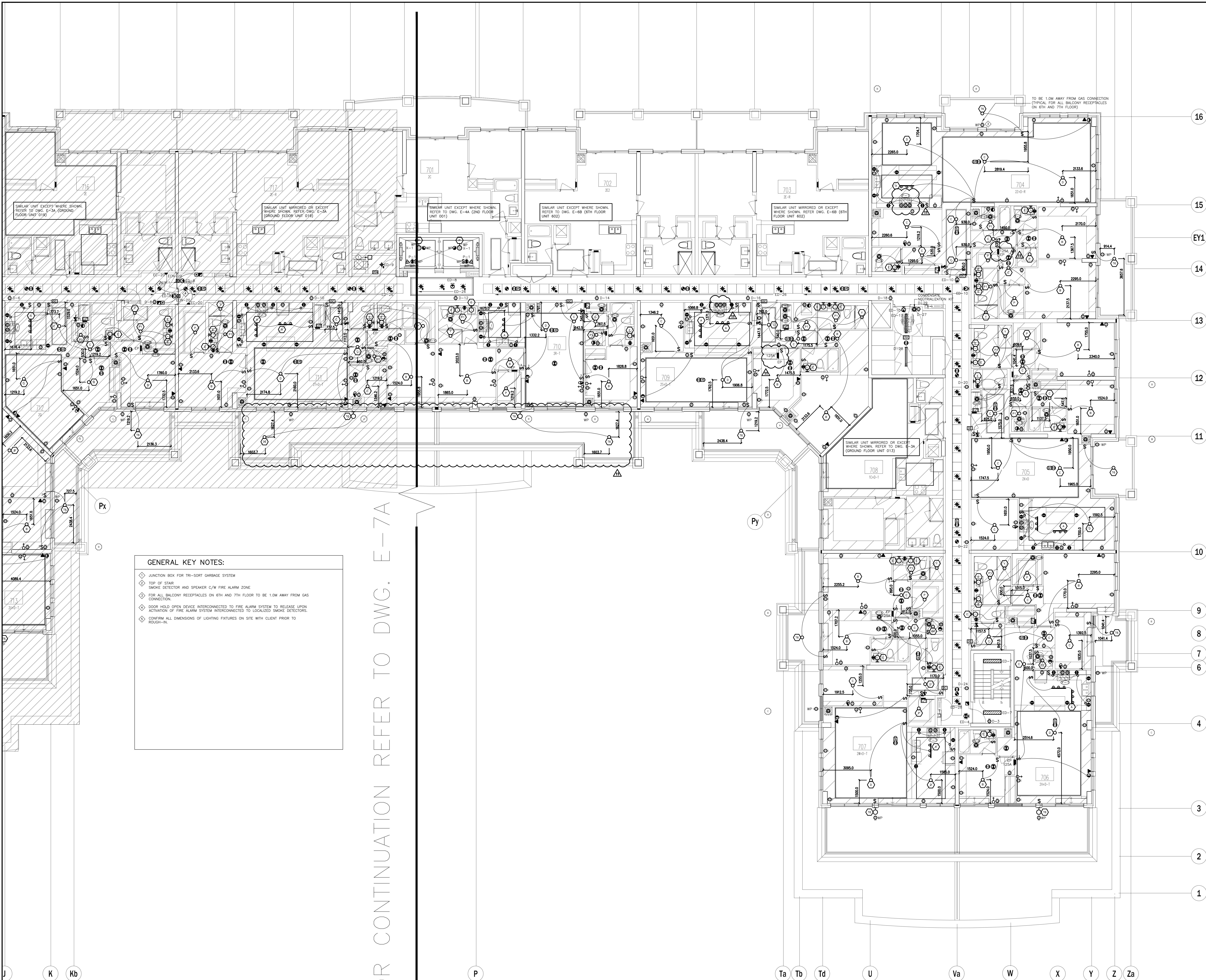
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TITLE	6TH FLOOR PLAN - A ELECTRICAL
PROJECT	PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.
LOCATION	ROYAL PINE HOMES STOUFFVILLE, ONTARIO
DRAWN	CM
CHECKED	MG
DATE	SEPT. 2015
SCALE	1:75
DRAWING	E-6A
OF	12



GENERAL KEY NOTES:

- ◆ JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
- ◆ TOP OF STAIR SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
- ◆ FOR ALL BALCONY RECEPTACLES ON 6TH AND 7TH FLOOR TO BE 1.0M AWAY FROM GAS CONNECTION.
- ◆ DOOR HOLD OPEN DEVICE INTERCONNECTED TO FIRE ALARM SYSTEM TO RELEASE UPON ACTIVATION OF FIRE ALARM SYSTEM INTERCONNECTED TO LOCALIZED SMOKE DETECTORS.
- ◆ CONFIRM ALL DIMENSIONS OF LIGHTING FIXTURES ON SITE WITH CLIENT PRIOR TO ROUGH-IN.

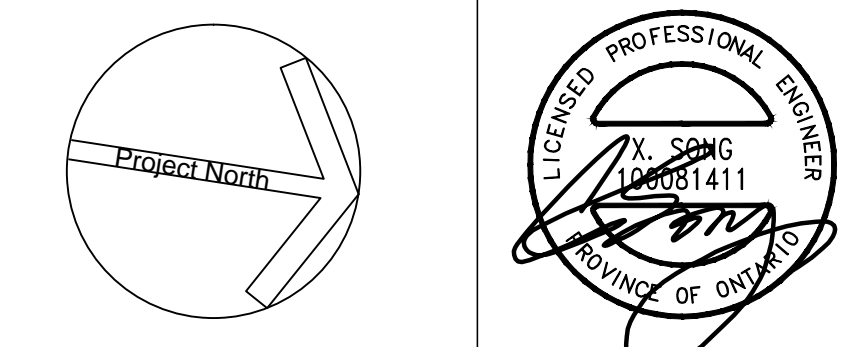
NO.	BY	DESCRIPTION	DATE
11	SP	REVISED AS PER SI E-18	2018-03-08
10	CM	REVISED AS PER SI E-10	2017-09-12
09	CM	REVISED AS PER SI E-4	2017-08-17
08	CM	REVISED AS PER SI E-3	2017-08-11
07	CM	ISSUED FOR CONSTRUCTION	2017-08-09
06	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
05	CM	ISSUED FOR PERMIT	2016-12-28
04	CM	REVISED AS PER ADD E-1	2016-12-12
03	CM	REVISED AS PER SI E-2	2016-10-04
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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TITLE		7TH FLOOR PLAN – B ELECTRICAL	
PROJECT			
PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.			
ROYAL PINE HOMES STOUFFVILLE, ONTARIO			
DRAWN	CM	CHECKED	SCALE
		MG	1:75
DATE		PROJECT	DRAWING
SEPT. 2015		14-016	E-7B
			OF
			12

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