



UNITED ENGINEERING INC
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SITE INSTRUCTION

PROJECT: HAMPTON MANOR
25 BAKER HILL BLVD
STOUFFVILLE, ONTARIO

PROJECT NO: 14-016

CONTRACT: Electrical

DATE September 12, 2017

SITE INSTRUCTION: E-10

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: To coordinate with the Interior designer and architectural drawings, site conditions and for clarifications.

1.0 Reference Drawing E-2A (Parking P1 Level - A) Issued

- 1.1 Add: Seven (7) type FL1 lighting fixtures, one (1) fire alarm speaker, one (1) smoke detector and two (2) fire alarm strobe lights at exit corridor.
- 1.2 Relocate: One (1) fire alarm speaker and one (1) smoke detector at exit corridor.
- 1.3 Delete: Five (5) type F lighting fixtures at exit corridor.

2.0 Reference Drawing E-3A (Ground Floor Plan - A) Issued

- 2.1 Add: One (1) type V lighting fixture at south exit door.
- 2.2 Clarify: Exterior lighting to be type V lighting fixture outside amenity area.
- 2.3 Add: Exterior lighting type V lighting fixture outside amenity area.
- 2.4 Revise: Exterior lighting to be type V lighting fixture outside amenity area.
- 2.5 Add: LD-01 cove lighting at lobby corridor.
- 2.6 Add: Power connection for motorized blinds at front facade entry two storeys.

**Project #14-016
Hampton Manor**

3.0 Reference Drawing E-3B (Ground Floor Plan - B) Issued

- 3.1 Revise: Two (2) exterior lighting to be type V ceiling mounted lighting fixtures outside dog spa and exit corridor areas.
- 3.2 Delete: Two (2) exterior lighting type T1 wall mounted lighting fixtures outside dog spa and exit corridor areas.

4.0 Reference Drawing E-4B (2nd Floor Plan – B) Issued

- 4.1 Relocate: Two (2) receptacles on balcony.

5.0 Reference Drawing E-5B (3rd-5th Floor Plan – B) Issued

- 5.1 Relocate: Two (2) receptacles on balcony.

6.0 Reference Drawing E-6A (6th Floor Plan – A) Issued

- 6.1 Relocate: One (1) receptacle on balcony.
- 6.2 Add: One (1) receptacle on balcony.

7.0 Reference Drawing E-6B (6th Floor Plan – B) Issued

- 7.1 Relocate: One (1) receptacle on balcony.

8.0 Reference Drawing E-7A (7th Floor Plan – A) Issued

- 8.1 Relocate: Two (2) exterior balcony receptacles and one (1) wall mounted type T6 lighting fixture.
- 8.2 Delete: Two (2) exterior balcony receptacles.

9.0 Reference Drawing E-7B (7th Floor Plan – B) Issued

- 9.1 Relocate: Three (3) exterior balcony receptacles.

10.0 Reference Drawing E-9B (Details - B) Issued

- 10.1 Clarify: Strip cove lighting to be type LD-01.

11.0 Reference Drawing E-12 (Panel Schedules) Issued

- 11.1 Revise: Panel C.

Note: The site instruction & drawings will be uploaded to FTP SITE

Project #14-016
Hampton Manor

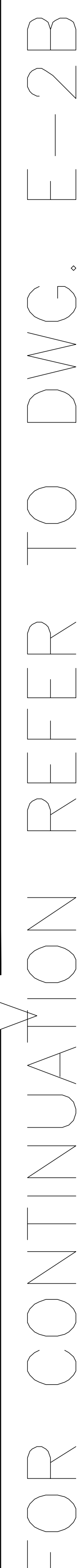
PREPARED BY: _____



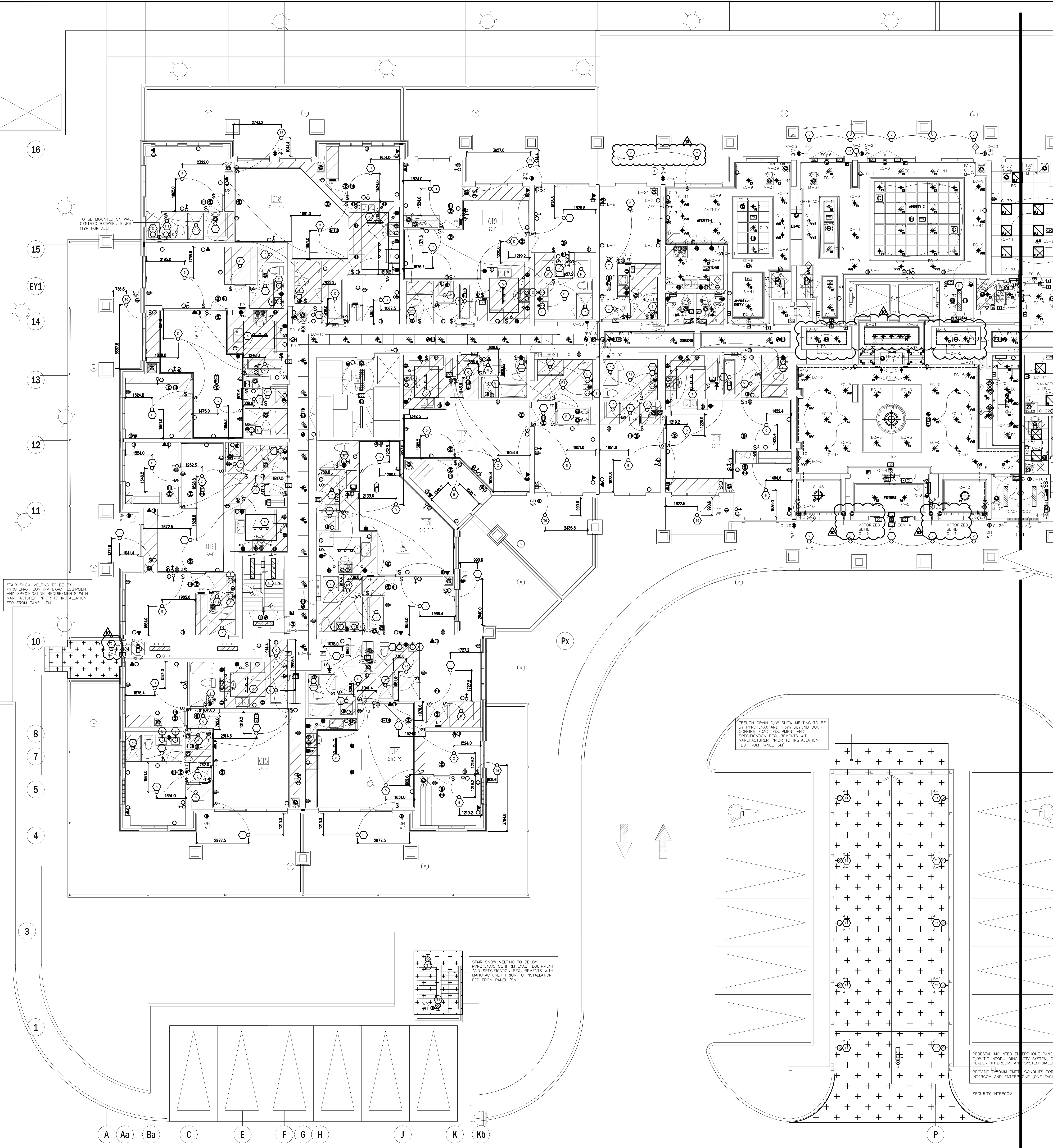
Chula Meksavanh
Electrical Department

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

cc. GRAZIANI + CORAZZA ARCH. INC.,
Gino Colangelo, GColangelo@gc-architects.com
REXCON CONSTRUCTION, Lenny Simonelli, rexcon.construxtion@gmail.com



DRAWN CM	CHECKED MG	SCALE 1:100
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-2A
		OF 12



- ### 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, 18, 4W, 50A RECEPTACLE FOR RANGE. CONNECT WITH 3/4" 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 AND 7TH FLOORS ONLY)
 - 17. CEILING MOUNTED 120V SMOKE ALARM DETECTOR (FOR ALL OTHER FLOORS (3RD-6TH))
 - 18. ALL DETECTORS WITHIN SAME SUITE TO BE INTERCONNECTED AND HAVE A VISUAL SIGNALING COMPONENT IN ACCORDANCE WITH CEC
 - 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, 18, 4W, 30A RECEPTACLE FOR DRYER. CONNECT TO 3/4" 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-9B. (ALL RECEPTACLES SHALL BE PROTECTED BY AFCI-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. GFCI 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 CONCERGE DESK WITH CLIENT. PROVIDE 4x2" CONDUIT TO COMMUNICATION ROOM
 - 7. BUILDING STATUS ANNUNCIATOR PANEL
 - 8. EMERGENCY BUTTON C/W INTERCONNECTION TO CONCERGE
 - 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 WEATHERPROOF BLDG 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. C-34/36
 - 20. SPLIT COUNTER RECEPTACLES
 - 21. C-38/40
 - 22. COOKTOP
 - 23. C-44
 - 24. MICRO/FAN
 - 25. C-46
 - 26. STOVE
 - 27. C-48
 - 28. SPLIT SYSTEM E-8 (STORAGE)
 - 29. M-42/44
 - 30. SPLIT SYSTEM E-8 (WC)
 - 31. M-46/48
 - 32. SPLIT SYSTEM E-8 (AMEN)
 - 33. M-50/52
 - 34. SPLIT SYSTEM E-8 (AMEN)
 - 35. M-54/56
 - 36. BASEBOARD HEATER
 - 37. M-23
 - 38. BASEBOARD HEATER
 - 39. M-25
 - 40. COVE LIGHTING "LD-01"
 - 41. C-35
 - 42. GFCI 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
 - 43. CONFIRM ALL DIMENSIONS OF LIGHTING FIXTURES ON SITE WITH CLIENT PRIOR TO ROUGH-IN.

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
10	CM	ISSUED FOR AS PER SI E-10	2017-09-12
09	CM	ISSUED FOR AS PER SI E-8	2017-08-29
08	CM	ISSUED FOR AS PER SI E-4	2017-08-17
07	CM	ISSUED FOR 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 ESA COMMENTS AND FOR CLARIFICATION	2016-12-12
02	CM	REVISED AS PER ESA COMMENTS AND FOR CLARIFICATION	2016-05-19
01	CM	ISSUED FOR TENDER	2016-03-15

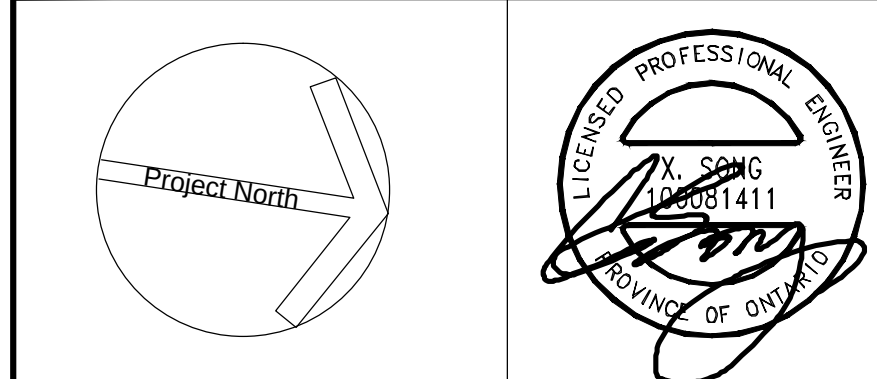
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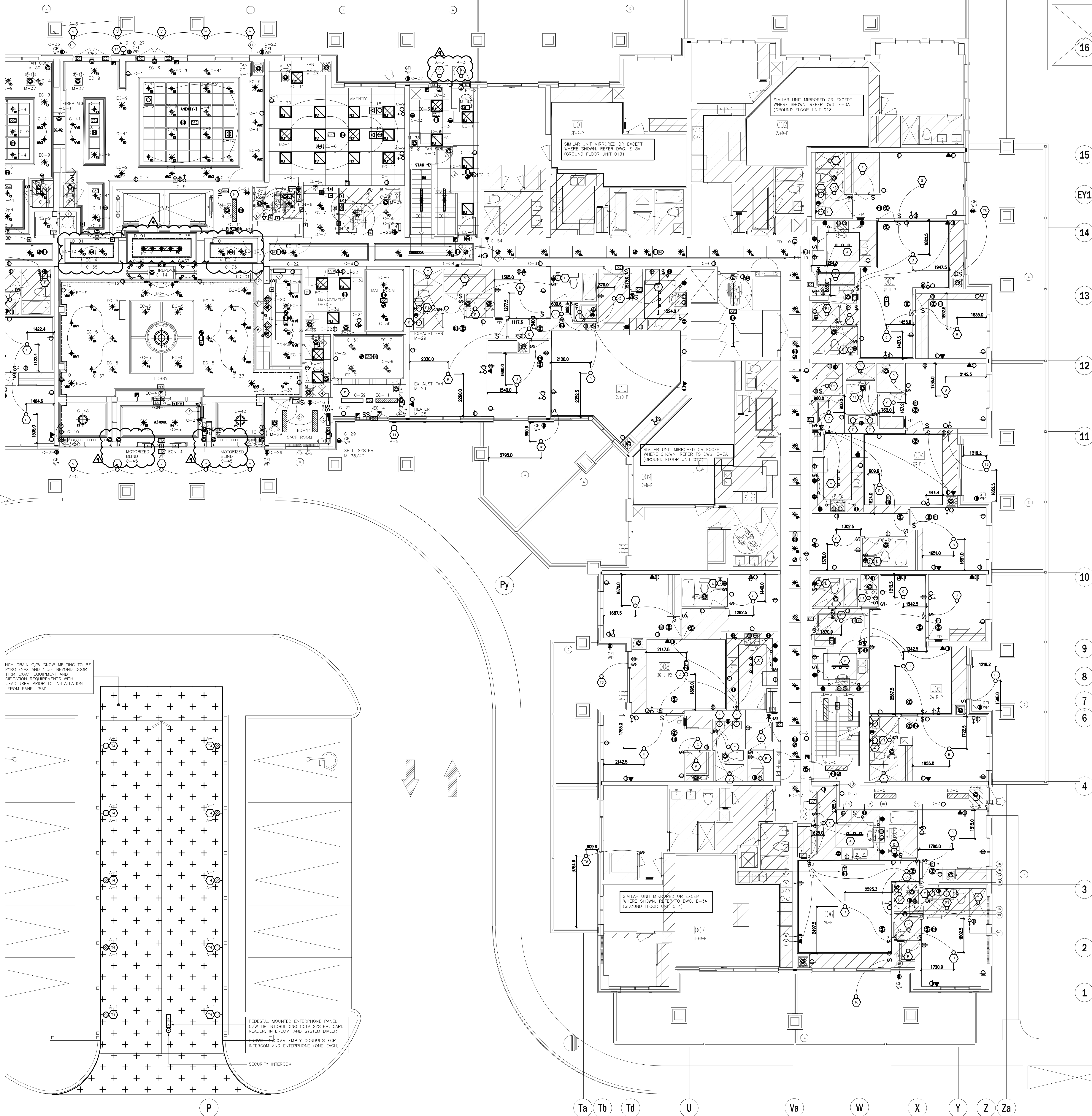
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TITLE GROUND FLOOR PLAN - A ELECTRICAL			
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.			
DRAWN CM			
CHECKED MG			
SCALE 1:75			
DATE SEPT. 2015			
PROJECT 14-016			
DRAWING E-3A			
OF 12			

FOR CONTINUATION REFER TO DWG. E-3A



SUITES' KEY NOTES (TYPICAL)

- DOOR CONTACT
- SUITE INTRUSION ALARM AND KEYPAD WITH DIGITAL DISPLAY
- IN SUITE TELEPHONE/TV COMBO DISTRIBUTION PANEL
- CEILING MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE LIGHT
- 120V U-GROUND DUPLEX RECEPTACLE FOR GENERAL PURPOSES
- 120V U-GROUND DUPLEX RECEPTACLE WITH ONE HALF SWITCH CONTROLLED
- WALL MOUNTED TELEPHONE OUTLET
- 120V, 15A, RECEPTACLE FOR FRIDGE
- 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)
- UNDER COUNTER LIGHTING TYPE TO BE CONFIRMED BY CLIENT
- 250V, 18, 48, 50A, RECEPTACLE FOR RANGE, CONNECT WITH 3/8" BX OR 3/8" THW-19MM CONDUIT
- RECEPTACLE FOR KITCHEN MICROWAVE AND EXHAUST FAN
- 120V U-GROUND DUPLEX RECEPTACLE FOR DISHWASHER
- WALL MOUNTED COMBINATION TV/TELEPHONE OUTLET
- CEILING MOUNTED FIRE ALARM SPEAKER
- CEILING MOUNTED 120V SMOKE ALARM/CARBON MONOXIDE COMBO DETECTOR (FOR 1ST, 2ND AND 7TH FLOORS ONLY)
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- ALL DETECTORS WITHIN SAME SUITE TO BE INTERCONNECTED AND HAVE A VISUAL SIGNALING COMPONENT IN ACCORDANCE WITH CODE
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- 250V, 10, 4W, 30A, RECEPTACLE FOR DRYER, CONNECT TO 3/8" BX OR 3/8" THW-19MM CONDUIT
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- 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-9B. (ALL RECEPTACLES SHALL BE PROTECTED BY AFCI-AULT INTERRUPTERS)

GENERAL KEY NOTES

- JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
- ENTERPHONE PANEL C/W TIE INTO BUILDING CCTV SYSTEM, CARD READER, INTERCOM, AND SYSTEM DIALER FED FROM ECN-11
- CAC: FIRE ALARM CONTROL PANEL FED FROM DPE2
- KEY SWITCH ELEVATOR RECALL CO-ORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR
- FIRE ALARM MASTER OPERATION SWITCH FOR FIRE DEPARTMENT MASTER CONTROL FED FROM ECN-13
- CONFIRM POWER AND COMMUNICATION REQUIREMENTS AT CONCIERGE DESK WITH CLIENT. PROVIDE 4x2" CONDUIT TO COMMUNICATION ROOM
- BUILDING STATUS ANNUNCIATOR PANEL
- EMERGENCY BUTTON C/W INTERCONNECTION TO CONCIERGE
- DOOR HOLD OPEN DEVICE INTERCONNECTED TO FIRE ALARM SYSTEM TO RELEASE UPON ACTIVATION OF FIRE ALARM SYSTEM INTERCONNECTED TO LOCALIZED SMOKE DETECTORS
- TOP OF STAIR SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
- GFI WATERPROOF BRG RECEPTACLE TO BE INSTALLED AT LEAST 1M AWAY FROM GAS CONNECTION. COORDINATE EXACT LOCATION ON SITE (TYPICAL FOR 2)
- FIREPLACE 'S' CONTROL, REQUIREMENT AND LOCATION TBC
- FRIDGE C-32
- DISHWASHER C-42
- SPLIT COUNTER RECEPTACLES C-34/36
- SPLIT COUNTER RECEPTACLES C-38/40
- COOKTOP C-44
- MICRO/FAN C-46
- STOVE C-48
- SPLIT SYSTEM E-8 (STORAGE) M-42/44
- SPLIT SYSTEM E-8 (WC) M-46/48
- SPLIT SYSTEM E-8 (AMENITY) M-50/52
- SPLIT SYSTEM E-8 (AMENITY) M-54/56
- BASEBOARD HEATER M-23
- BASEBOARD HEATER M-25
- COVE LIGHTING 'LD-01' C-36
- CAC: ROOM IS REQUIRED TO CONTAIN THE FOLLOWING CONTROLS:
 - 4 MEANS TO CONTROL THE VOICE COMMUNICATION SYSTEM
 - 2 MEANS TO INDICATE AUDIBLE AND VISUAL ALARM SIGNALS
 - MEANS TO INDICATE VISUALLY THAT ELEVATORS ARE ON EMERGENCY RECALL
 - MEANS TO TRANSMIT ALARM SIGNALS TO THE FIRE DEPARTMENT
 - MEANS TO RELEASE HOLD-OPEN DEVICES
 - MEANS TO MANUALLY ACTIVATE ALARM SIGNALS
 - MEANS TO SILENCE ALARM SIGNALS
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 - MEANS TO INDICATE VISUALLY INDIVIDUAL SPRINKLER SYSTEM WATER FLOW SIGNALS
 - A SWITCH TO SILENCE THE AUDIBLE PORTION OF A SUPERVISORY SIGNAL OR A TROUBLE SIGNAL
 - CONTROLS TO STOP AIR HANDLING SYSTEMS
 - CONTROLS TO INITIATE EMERGENCY PRESSURIZATION AIR SUPPLIES
 - CONTROLS TO OPERATE POWERED DOOR OPERATORS AND/OR MOTORIZED FIRE DAMPERS FORMING PART OF A PRESSURIZATION/RELIEF SYSTEM
- CONFIRM ALL DIMENSIONS OF LIGHTING FIXTURES ON SITE WITH CLIENT PRIOR TO ROUGH-IN.

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

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09	CM	ISSUED FOR AS PER SI E-10	2017-09-12
08	CM	ISSUED FOR AS PER SI E-4	2017-08-17
07	CM	ISSUED FOR 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

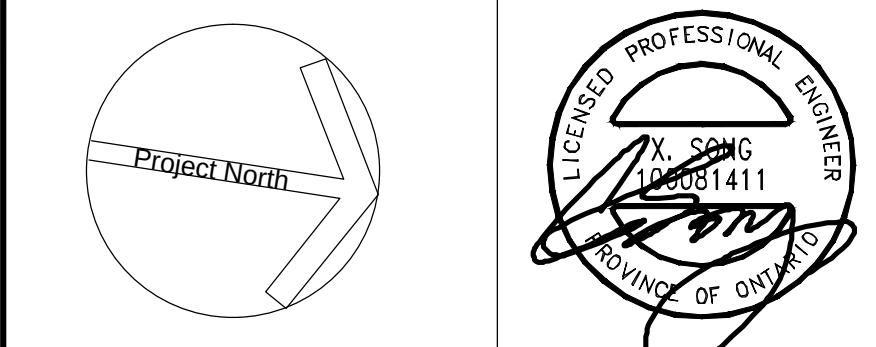
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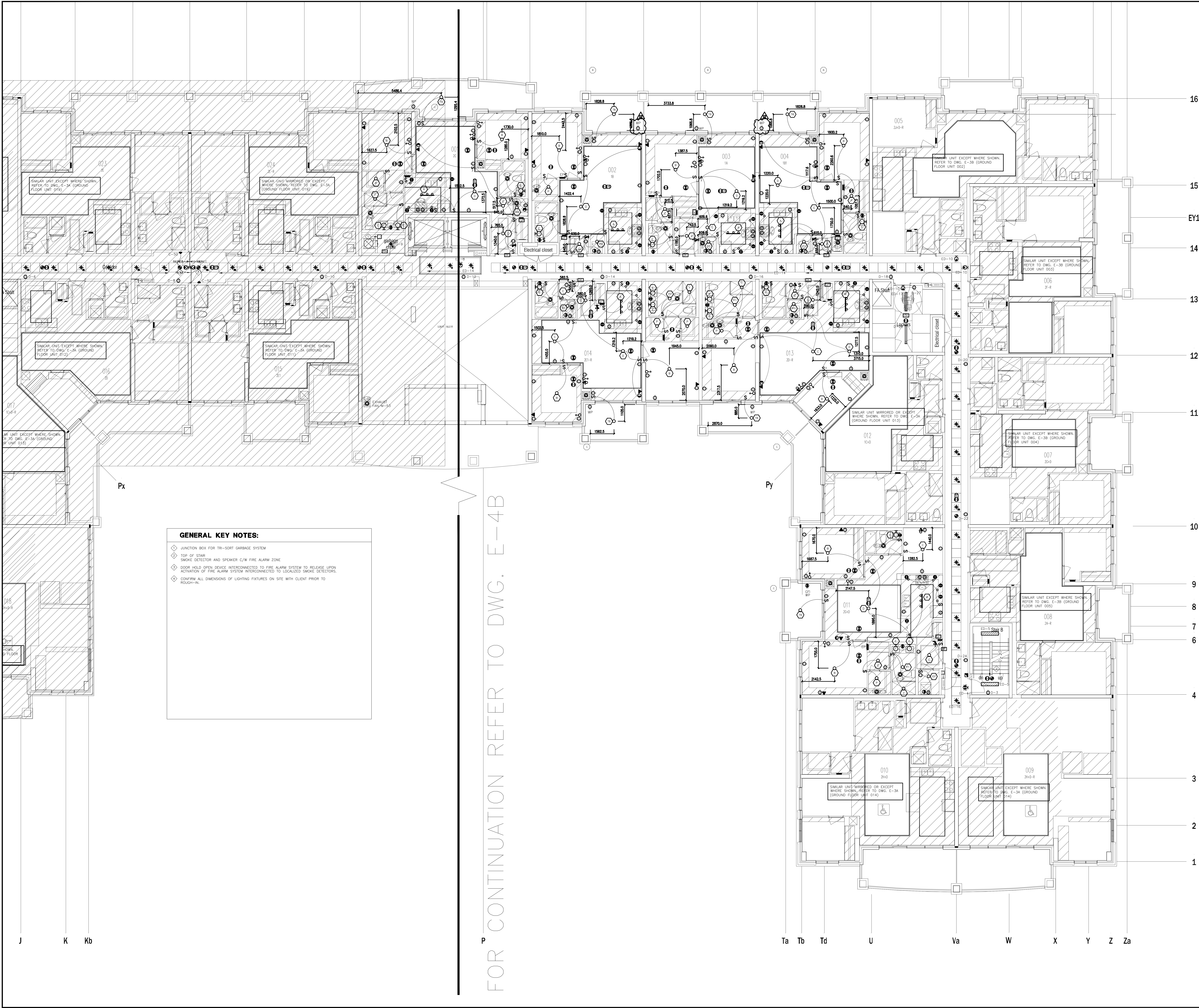
United Engineering Inc.
Mechanical Electrical Consulting Engineers
3545 Keele Street, Suite 105,
Toronto, Ontario, M3J 1M6
Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE
**GROUND FLOOR PLAN - B
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-3B
		OF 12



- GENERAL KEY NOTES:**
- ⬢ JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
 - ⬢ TOP OF STAIR
 - ⬢ SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
 - ⬢ 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.

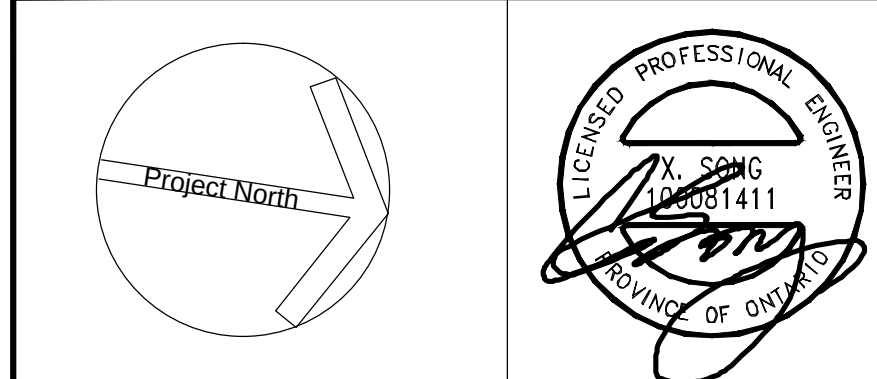
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11	CM	ISSUED FOR AS PER SI E-9	2017-08-31
10	CM	ISSUED FOR AS PER SI E-4	2017-08-17
09	CM	ISSUED FOR AS PER SI E-3	2017-08-11
08	CM	ISSUED FOR CONSTRUCTION	2017-08-09
07	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
06	CM	ISSUED FOR PERMIT	2016-12-28
05	CM	REVISED AS PER ADDENDUM E-1	2016-12-12
04	CM	REVISED AS PER SI E-2	2016-10-04
03	CM	REVISED AS PER SI E-1	2016-08-22
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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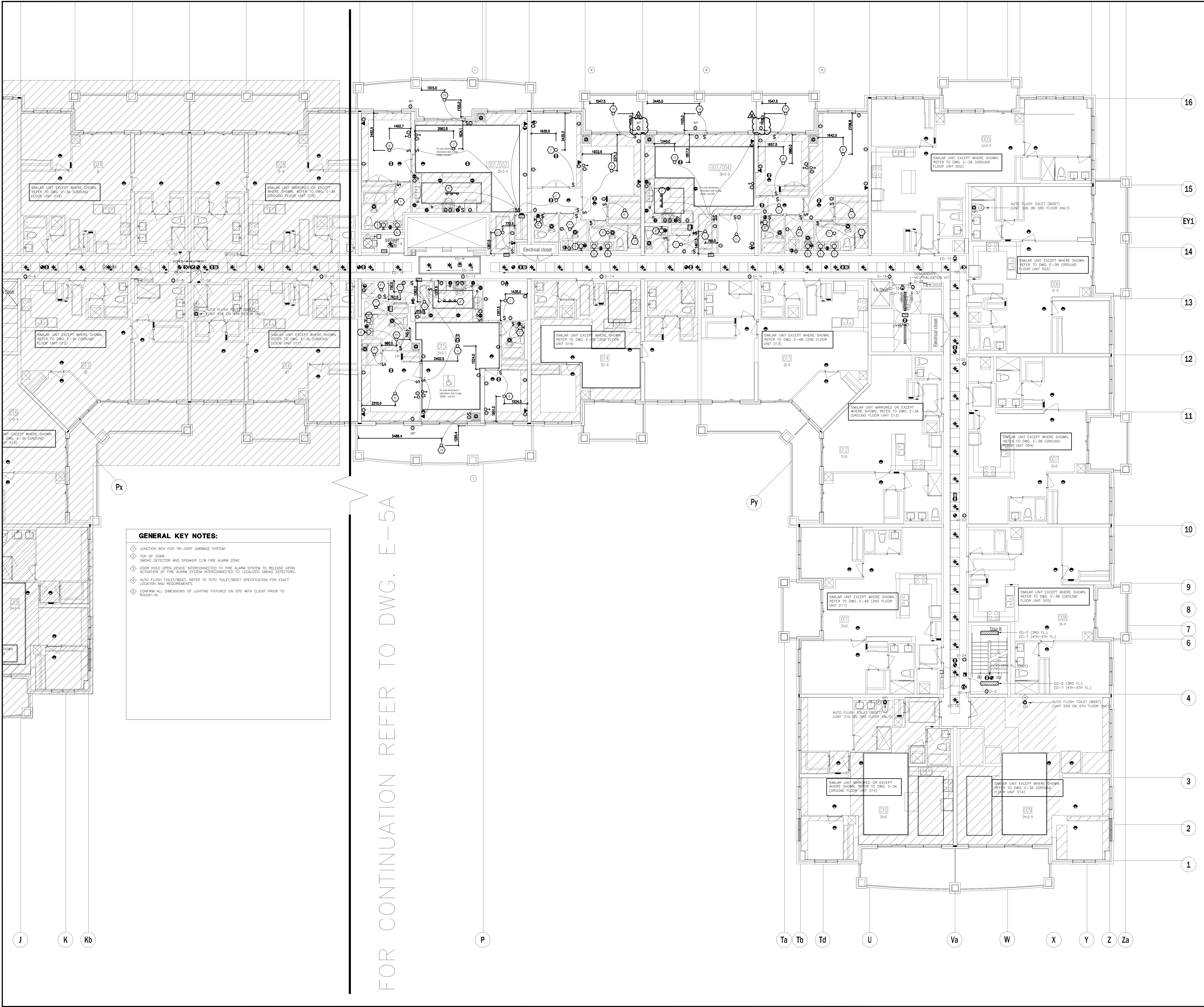
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TITLE 2ND FLOOR PLAN - B ELECTRICAL		
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
ROYAL PINE HOMES STOUFFVILLE, ONTARIO		
DRAWN CM	CHECKED MG	SCALE 1:75
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-4B OF 12



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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 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

NO.	BY	DESCRIPTION	DATE
08	CM	ISSUED FOR AS PER SI E-10	2017-09-12
07	CM	ISSUED FOR 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

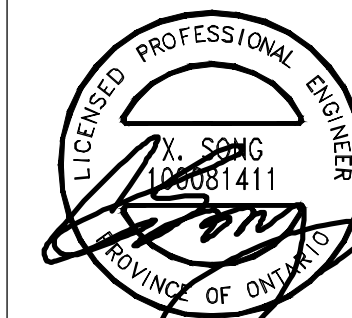
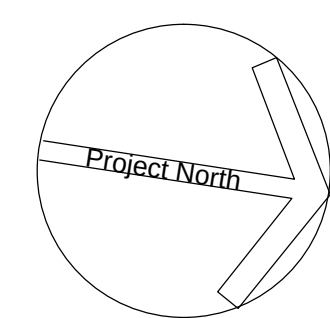
REVISIONS

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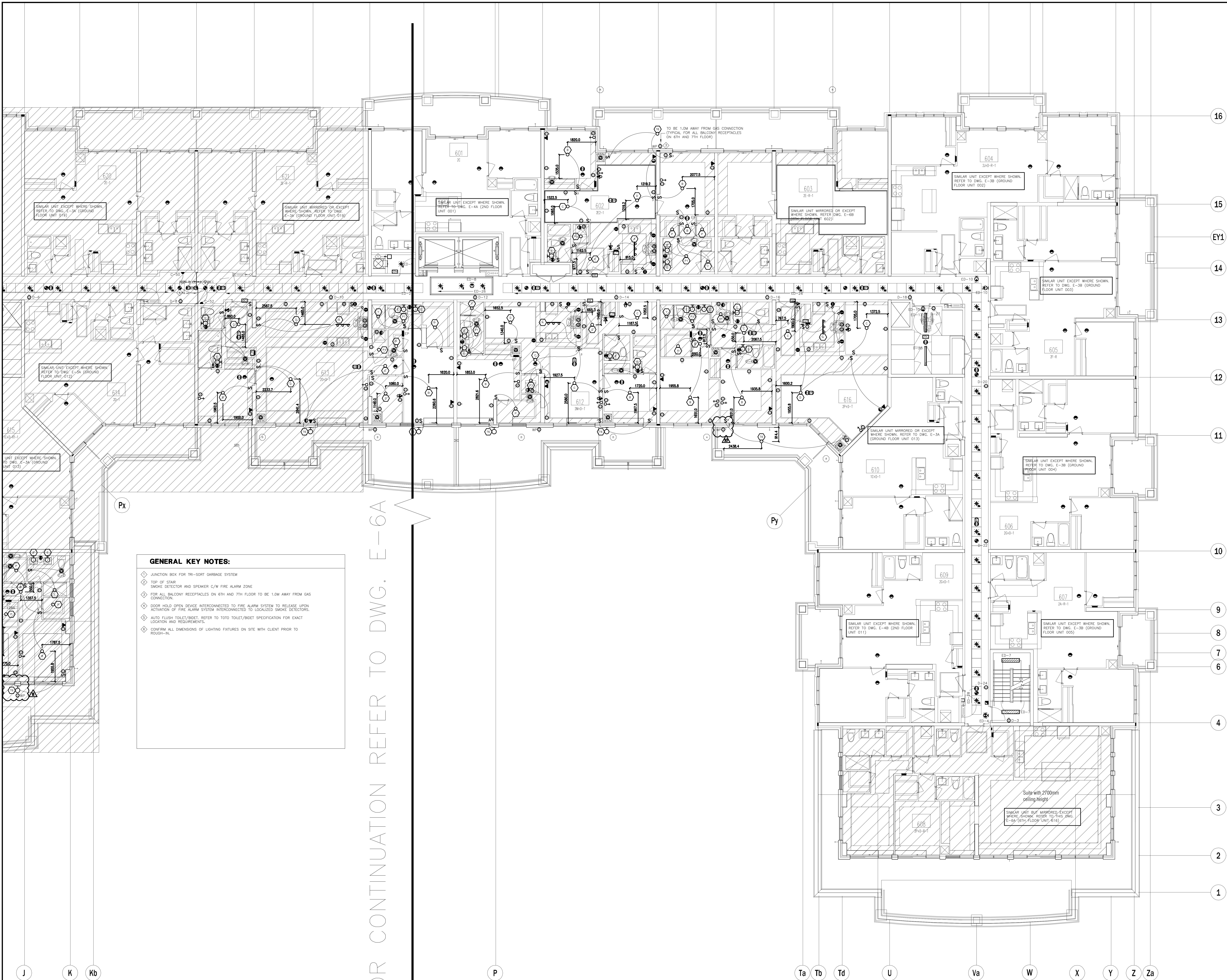
United Engineering Inc.
Mechanical Electrical Consulting Engineers
3245 Keele Street, Suite 105,
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Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE
**6TH 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-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.
- ◆ 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.

NO.	BY	DESCRIPTION	DATE
10	CM	ISSUED FOR AS PER SI E-10	2017-09-12
09	CM	ISSUED FOR AS PER SI E-9	2017-08-31
08	CM	ISSUED FOR AS PER SI E-4	2017-08-17
07	CM	ISSUED FOR 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

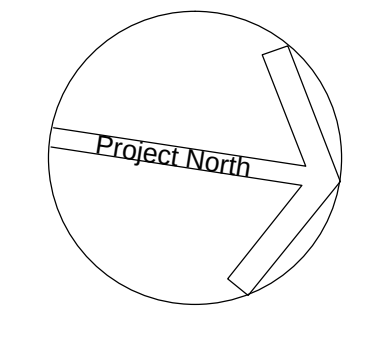
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TITLE: **6TH FLOOR PLAN - B ELECTRICAL**

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-6B
				OF	12

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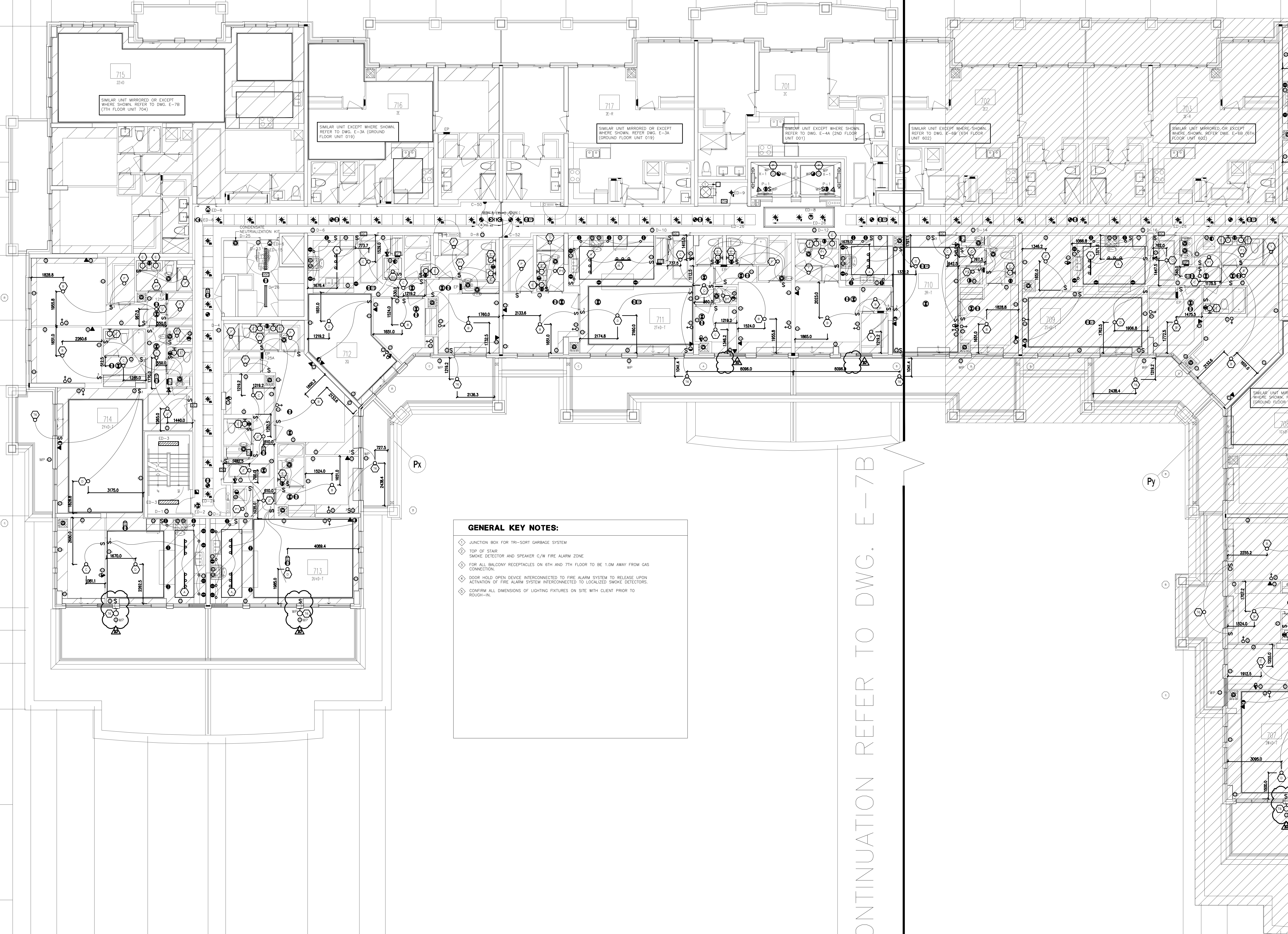
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U



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
10	CM	ISSUED FOR AS PER SI E-10	2017-09-12
09	CM	ISSUED FOR AS PER SI E-4	2017-08-17
08	CM	ISSUED FOR 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

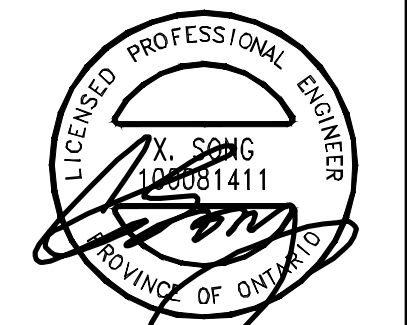
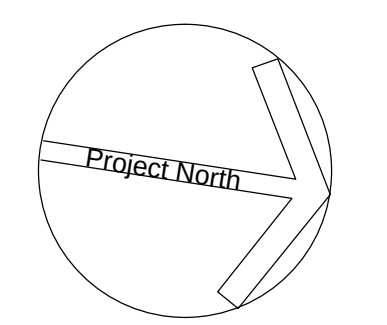
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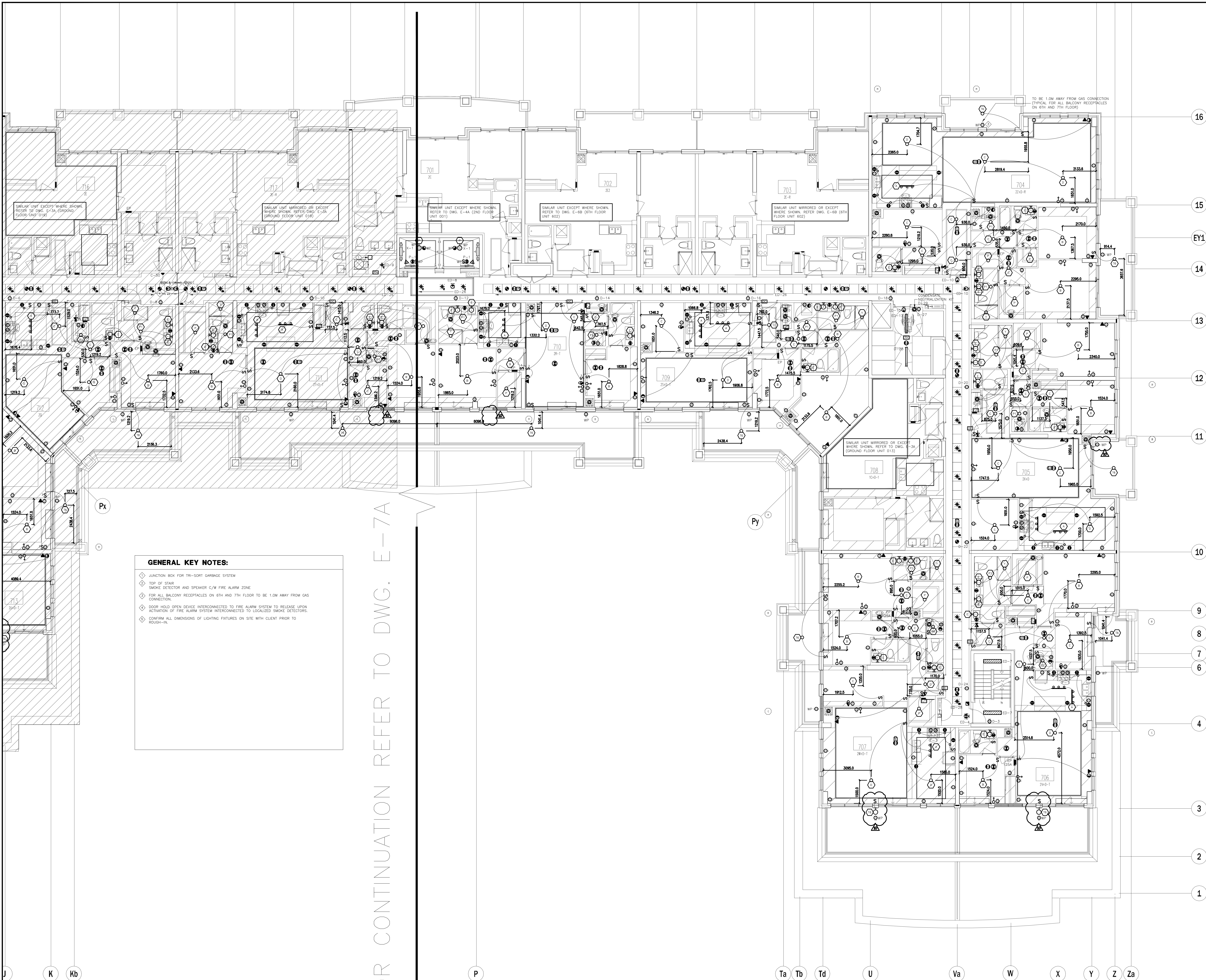
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TITLE
**7TH FLOOR PLAN - A
ELECTRICAL**

PROJECT
**PROPOSED RESIDENTIAL DEVELOPMENT
25 BAKER HILL BLVD.**

**ROYAL PINE HOMES
STOUFFVILLE, ONTARIO**

DRAWN	CHECKED	SCALE
CM	MG	1:75
DATE	PROJECT	DRAWING
SEPT. 2015	14-016	E-7A
		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.

FOR CONTINUATION REFER TO DWG. E-7A

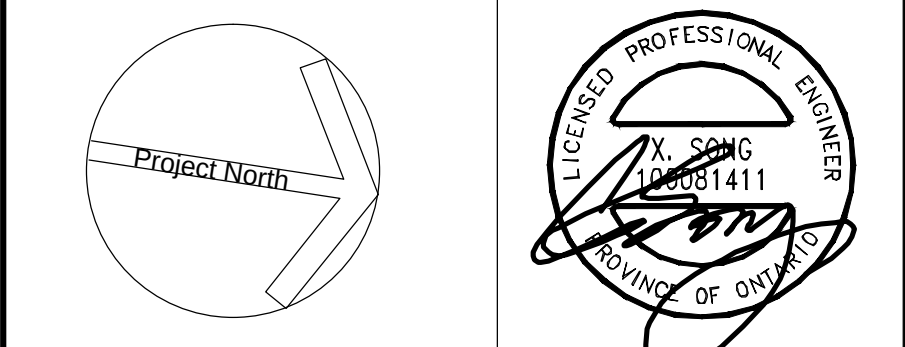
NO.	BY	DESCRIPTION	DATE
10	CM	ISSUED FOR AS PER SI E-10	2017-09-12
09	CM	ISSUED FOR AS PER SI E-4	2017-05-17
08	CM	ISSUED FOR AS PER SI E-3	2017-08-11
07	CM	ISSUED FOR CONSTRUCTION	2017-08-09
06	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
05	CM	ISSUED FOR PERMIT	2016-12-28
04	CM	REVISED AS PER ADD E-1	2016-12-12
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	MG
DATE	SEPT. 2015	PROJECT	14-016
		SCALE	1:75
		DRAWING	E-7B
		OF	12

PANEL IDENTIF	B	SERVICE: 208Y/120V, 3ø, 4ø MAIN CTT. BRK: 225 AMPS MOUNTING: SURFACE					NOTES:
		LOCATION:					
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
	LIGHTING - LOCKERS (P1)	15A	1	2	15A		RECEPTABLES - LOBBY ELEVATORS
	LIGHTING - LOCKERS (P1)	15A	3	4	15A		RECEPTABLES - STAR A (P1)
	LIGHTING - MECH. RM. (P1)	15A	5	6	15A		RECEPTABLES - STAR B (P1)
	LGT. - GARBAGE/REC/BUCK (P1)	15A	7	8	15A		RECEPTABLES - STAR C (P1)
	REC - GARBAGE/REC/BUCK (P1)	15A	9	10	15A		RECEPTABLES - STAR D (P1)
	TRISORT - GARBAGE (P1)	20A	11	12	15A		SPARE
	RECEPT. - ELEVATOR LOBBY (P1)	15A	13	14	15A		RECEPT. - LOCKERS (P1)
	SPARE	15A	15	16	15A		RECEPT. - LOCKERS (P1)
		15A	17	18	15A		RECEPTABLE - MAIN ELEC. (P3)
		15A	19	20	15A		RECEPTABLE - MECH. RM. #1 (P1)
		15A	21	22	15A		REC. - SUB-ELEC. 1/COMM. (P1)
		15A	23	24	15A		RECEPTABLE - SUB-ELEC. 2 (P1)
		15A	25	26	15A		SPARE
		15A	27	28	15A		SPARE
		15A	29	30	15A		SPACE
		15A	31	32			
		15A	33	34			
		15A	35	36			
		15A	37	38			
		15A	39	40			
		15A	41	42			

PANEL IDENTIF:	C	SERVICE: 208Y/120V, 3ø, 4W MAIN CTT. BRK: 225 AMPS MOUNTING: SURFACE	NOTES:			
			LOCATION:			
LOAD DESCRIPTION	WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
RECEPTABLES - AMENITY (1ST)	15A	1	2	15A		RECEPTABLES - STAR C (1ST)
RECEPTABLES - AMENITY (1ST)	15A	3	4	15A		RECEPTABLES - CORRIDOR (1ST)
RECEPTABLES - AMENITY (1ST)	15A	5	6	15A		RECEPTABLES - CORRIDOR (1ST)
RECEPTABLES - AMENITY (1ST)	15A	7	8	15A		RECEPTABLES - ENTRANCE (1ST)
TV RECEPTABLES-AMENITY (1ST)	15A	9	10	15A		RECEPTABLES - LOBBY (1ST)
FIREPLACE - AMENITY (1ST)	15A	11	12	15A		RECEPTABLES - LOBBY (1ST)
FLOOR REC. - AMENITY (1ST)	15A	13	14	15A		FIREPLACE REC. - LOBBY (1ST)
FL EQUIP REC - AMENITY (1ST)	15A	15	16	15A		RECEPTABLE - CAFET ROOM (1ST)
FL EQUIP REC - AMENITY (1ST)	15A	17	18	15A		CONDENSE FL REC - (1ST)
SPARE	15A	19	20	15A		CONDENSE FL REC - (1ST)
ELECTRICAL RM - AMENITY (1ST)	15A	21	22	15A		REC. - M OFFICE/MAIL (1ST)
EXT. BBQ REC - AMENITY (1ST)	15A	23	24	15A		RECEPTABLES - M OFFICE (1ST)
EXT. BBQ REC - AMENITY (1ST)	15A	25	26	15A		GFI RECEPTABLES - WC (1ST)
EXTERIOR REC. - AMENITY (1ST)	15A	27	28	15A		GFI RECEPTABLES - WC (1ST)
EXTERIOR REC. - AMENITY (1ST)	15A	29	30	15A		SPARE
GFI RECEPTABLE-DOG SPA (1ST)	15A	31	32	15A		FRIDGE - AMENITY (1ST)
GFI RECEPTABLE-DOG SPA (1ST)	15A	33	34	15A		COUNTER REC - AMENITY (1ST)
LIGHTING - LOBBY (1ST)	15A	35	36	15A		COUNTER REC - AMENITY (1ST)
LIGHTING - AMENITY (1ST)	15A	37	38	15A		COUNTER REC - AMENITY (1ST)
LIGHTING - AMENITY (1ST)	15A	39	40	15A		COUNTER REC - AMENITY (1ST)
LIGHTING - AMENITY (1ST)	15A	41	42	15A		DISHWASHER - AMENITY (1ST)

PANEL IDENTIF:	D	SERVICE: 208Y/120V, 3ø, 4W MAIN CTT. BRK: 225 AMPS MOUNTING: SURFACE					NOTES:
		LOAD DESCRIPTION		LOCATION:			
		WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
	STAIR A RECEPTABLES (2ND-7TH)	15A	1	2	15A		CORRIDOR RECEPT. (2ND-7TH)
	STAIR B RECEPTABLES (2ND-7TH)	15A	3	4	15A		CORRIDOR RECEPT. (2ND-7TH)
	SPARE	15A	5	6	15A		CORRIDOR RECEPT. (2ND-7TH)
	RECEPTABLES - GUESS RM (1ST)	15A	7	8	15A		CORRIDOR RECEPT. (2ND-7TH)
	RECEPTABLES - GUESS RM (1ST)	15A	9	10	15A		CORRIDOR RECEPT. (2ND-7TH)
	DISHWASHER - GUESS RM (1ST)	15A	11	12	15A		CORRIDOR RECEPT. (2ND-7TH)
	COUNTER REC - GUESS RM (1ST)	15A	13	14	15A		CORRIDOR RECEPT. (2ND-7TH)
	COUNTER REC - GUESS RM (1ST)	15A	15	16	15A		CORRIDOR RECEPT. (2ND-7TH)
	WC GFI REC. - GUESS RM (1ST)	15A	17	18	15A		CORRIDOR RECEPT. (2ND-7TH)
	WC EX FAN - GUESS RM (1ST)	15A	19	20	15A		CORRIDOR RECEPT. (2ND-7TH)
	FAN COIL - GUESS RM (1ST)	15A	21	22	15A		CORRIDOR RECEPT. (2ND-7TH)
	RECEPTABLE LOCKERS (2ND-7TH)	15A	23	24	15A		CORRIDOR RECEPT. (2ND-7TH)
	CONDENSATE NEUTRALIZATION KIT	15A	25	26	15A		LIGHTING - LOCKER (2ND-7TH)
	RECEPTABLE LOCKERS (2ND-7TH)	15A	27	28	15A		LIGHTING - LOCKER (2ND-7TH)
	CONDENSATE NEUTRALIZATION KIT	15A	29	30	15A		SPARE
	SPACE	15A	31	32	15A		
		15A	33	34	15A		
		15A	35	36	15A		
		15A	37	38	15A		
		15A	39	40	15A		
		15A	41	42	15A		

PANEL IDENTIFIER		SERVICE: 600Y/347V, 3ø, 4W MAIN CCT. BRK: 225 AMPS MOUNTING: SURFACE						NOTES:
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOCATION:	LOAD DESCRIPTION
	LIGHTING - GARAGE (P1)	15A	1	2	15A			LIGHTING - GARAGE (P1)
	LIGHTING - GARAGE (P1)	15A	3	4	15A			LIGHTING - GARAGE (P1)
	LIGHTING - GARAGE (P1)	15A	5	6	15A			LIGHTING - GARAGE (P1)
	SPARE	15A	7	8	15A			SPARE
		15A	9	10	15A			
		15A	11	12	15A			
		15A	13	14	15A			
		15A	15	16	15A			
		15A	17	18	15A			
		15A	19	20	15A			
		15A	21	22	15A			
		15A	23	24	15A			
		15A	25	26	15A			
	SPARE	27	28					SPARE
		29	30					
		31	32					
		33	34					
		35	36					
		37	38					
		39	40					
		41	42					

PANEL IDENTIF:	SERVICE: 208Y/120V, 3ø, 4W MAIN CTT. BRK: MOUNTING: 225 AMPS SURFACE					NOTES:	
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOCATION:
RECEPTABLE - ELEVATOR				1	2	30	WINDOW WASHING REC. - MPH
REC. - MPH ELEVATOR CONTROL		15A	3	4		2P	
RECEPT. - MPH MECH. RM.		15A	5	6	20A		RECEPTABLES - PEDESTAL MTD.
RECEPT. - MPH GENERATOR RM.		15A	7	8	30		WINDOW WASHING REC. - MPH
RECEPTABLE - MPH ELEC RM.		15A	9	10	2P		
RECEPTABLES - MPH BOILER RM.		15A	11	12	30		WINDOW WASHING REC. - MPH
LIGHTING - MPH MECH/BOILER		15A	13	14	2P		
RECEPTABLES - PEDESTAL MTD.		20A	15	16	30		WINDOW WASHING REC. - MPH
DOMESTIC CIRCULATION PUMP P-7		15A	17	18	2P		
EXHAUST FAN F-8		15A	19	20	30		WINDOW WASHING REC. - MPH
EXHAUST FAN F-6		15A	21	22	30		
EXHAUST FANS F-10		15A	23	24	15A		SPARE
SPARE		15A	25	26	15A		
		15A	27	28	15A		
		15A	29	30	15A		
		31		32			SPACE
		33		34			
		35		36			
		37		38			
		39		40			
		41		42			

PANEL IDENTIF	EB	SERVICE: 208Y/120V, 3ø, 4W			NOTES: *** LOOK UP BREAKER		
		MAIN CTT. BRK: 225 AMPS	MOUNTING: SURFACE	BRK	WATTS	LOCATION:	
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
LIGHTING - LOBBY ELEVATORS		15A	1	2	15A		EXIT SIGNS - (P1) ***
LIGHTING - STAIR A (P1)		15A	3	4	15A		EXIT SIGNS - (P1) ***
LIGHTING - STAIR B (P1)		15A	5	6	15A		LOWER STAIR PRESS FAN 'Y'-9' SA
LIGHTING - STAIR C (P1)		15A	7	8	15A		LOWER STAIR PRESS FAN 'Y'-9' SB
LIGHTING - STAIR D (P1)		15A	9	10	15A		LOWER STAIR PRESS FAN 'Y'-9' SC
SPARE		15A	11	12	15A		SPARE
LIGHTING - LOCKERS (P1)		15A	13	14	15A		
LIGHTING - LOCKERS (P1)		15A	15	16	15A		
LIGHTING - MAIN ELEC. (P1)		15A	17	18	15A		
LIGHTING - MECH. RM. (P1)		15A	19	20	15A		
LGT. - SUB-ELEC./COMM. (P1)		15A	21	22	15A		
LGT. - GARBAGE/REC/BUCK (P1)		15A	23	24	15A		
SPARE		15A	25	26	15A		
		15A	27	28			
		15A	29	30			
		15A	31	32			SPACE
		15A	33	34			
		15A	35	36			
		15A	37	38			
		15A	39	40			
		15A	41	42			

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PANEL IDENTIF	ED	SERVICE:		208Y/120V, 3ø, 4W		NOTES:	
		MAIN CTT. BRK:	WATTS:	225 AMPS	SURFACE		
		MOUNTING:				LOCATION:	
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
LIGHTING - STAIR A (1ST-3RD)		15A	1	2	15A		EXIT SIGNS STAIR A (1ST-7TH) ***
LIGHTING - STAIR A (4TH-6TH)		15A	3	4	15A		EXIT SIGNS STAIR B (1ST-7TH) ***
LIGHTING - STAIR B (1ST-3RD)		15A	5	6	15A		EXIT SIGNS CORRIDOR (1ST-7TH) ***
LIGHTING - STAIR B (4TH-6TH)		15A	7	8	15A		EXIT SIGNS CORRIDOR (1ST-7TH) ***
LIGHTING - GARBAGE CHUTE		15A	9	10	15A		EXIT SIGNS CORRIDOR (1ST-7TH) ***
SPARE		15A	11	12	15A		LIGHTING - CORRIDOR (2ND-3RD)
LIGHTING - GUESS RM. (1ST)		15A	13	14	15A		LIGHTING - CORRIDOR (2ND-3RD)
LIGHTING - LOCKER (2ND-7TH)		15A	15	16	15A		LIGHTING - CORRIDOR (2ND-3RD)
LIGHTING - LOCKER (2ND-7TH)		15A	17	18	15A		LIGHTING - CORRIDOR (4TH-5TH)
SPARE		15A	19	20	15A		LIGHTING - CORRIDOR (4TH-5TH)
		15A	21	22	15A		LIGHTING - CORRIDOR (4TH-5TH)
		15A	23	24	15A		LIGHTING - CORRIDOR (4TH-5TH)
		15A	25	26	15A		LIGHTING - CORRIDOR (4TH-5TH)
		15A	27	28	15A		LIGHTING - CORRIDOR (4TH-5TH)
		15A	29	30			SPACE
		15A	31	32			
		15A	33	34			
		15A	35	36			
		15A	37	38			
		15A	39	40			
		15A	41	42			