



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 August 11, 2017

SITE INSTRUCTION: E-3

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 architectural, interior designer, mechanical changes and client requested revisions.

1.0 Reference Drawing E-1 (Site Plan) Issued

1.1 Relocate: Main incoming communication lines to site conditions

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

- 2.1 Relocate: Four (4) wall mounted receptacles; (1) wall mounted TV outlet; two (2) floor mounted receptacles and two (2) floor mounted data outlets in the Amenity areas.
- 2.2 Delete: One (1) floor mounted receptacle and one (1) floor mounted data outlet in the Amenity area.
- 2.3 Add: One (1) wall mounted TV outlet in the Amenity area.
- 2.4 Revise: Lighting layout in Lobby and Amenity areas to suit interior designers' drawings

3.0 Reference Drawings E-3A & E-3B (Ground Floor) Issued E-4A & E-4B (2nd Floor) Issued E-5A & E-5B (3rd-5th Floor) Issued E-6A & E-6B (6th Floor) Issued E-7A & E-7B (7th Floor) Issued

**Project #14-016
Hampton Manor**

- 3.1 Relocate: Lighting fixtures to suit architectural buckhead in suites
- 3.2 Revise: Dimensions of lighting fixtures in suites as per client request.
- 3.3 Add: Lighting fixture type P1 in laundry and in master bathroom.
- 3.4 Relocate: GFI receptacle outlet to be centered between 2 sinks in master bathroom.
- 3.5 Relocate: Telephone/TV distribution, power and security panels in suite to suit revised architectural background.
- 3.6 Relocate: Lighting fixtures, TV, multiport and phone outlets and receptacles to suit client revisions to Flanders and Glen Cove suites.
- 3.7 Revise: Lighting layout in corridor to suit revised interior designers' drawings.

4.0 Reference Drawing E-8 (MPH) Issued

- 4.1 Relocate: Elevator machine splitter SPE62, conduit location, CO, smoke detectors, lighting fixtures, power outlet, power connections for exhaust fan E-6 and split systems, blower and coil and condensing unit to suit revised location of the elevator machine room.

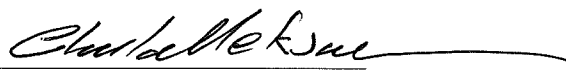
5.0 Reference Drawing E-9B (Details B) Issued

- 5.1 Revise: Interior designer's lighting fixtures schedule.

6.0 Reference Drawing E-12 (Panel) Issued

- 6.1 Revise: Panel schedules C, EC and M

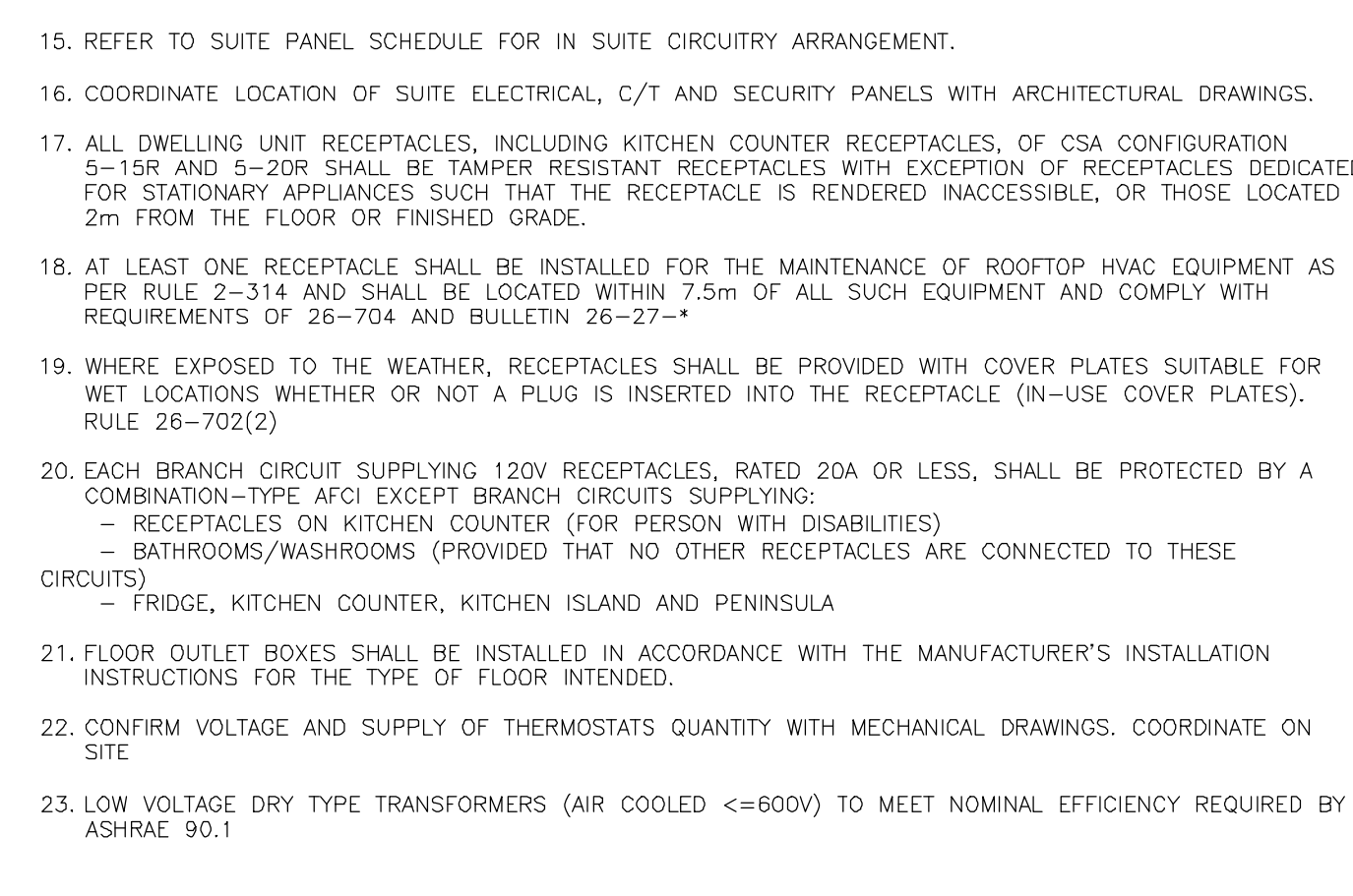
Note: The site instruction & drawings will be uploaded to FTP SITE

PREPARED BY: 
Chula Meksavanh
Electrical Department

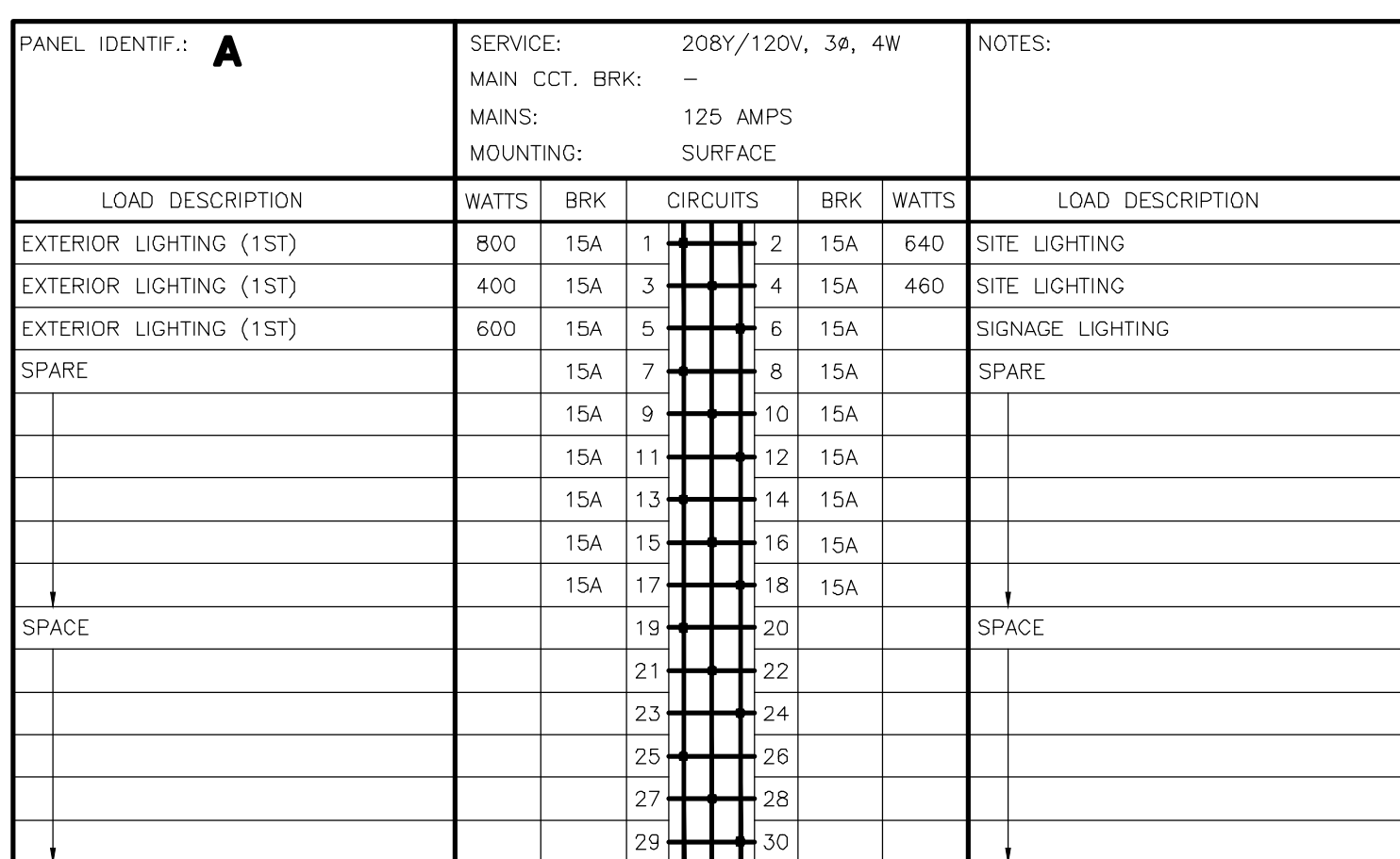
Project #14-016
Hampton Manor

ISSUED TO ROYAL PINE HOMES,
Frank Carogioiello, frank@royalpinehomes.com;
Kelly Watson, Kelly@royalpinehomes.com
FOR DISTRIBUTION TO ALL AFFECTED PARTIES.

cc. GRAZIANI + CORAZZA ARCH. INC.,
Gino Colangelo, GColangelo@gc-architects.com
DINEEN CONSTRUCTION CORP., Ric Wight, rwight@dineen.com



DRAWN CM	CHECKED MG	SCALE 1:200
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-1
		OF 12



FOR CONTINUATION REFER TO DWG. E-2B

KEY NOTES:

- WHEN CONNECTING GARAGE LIGHTS TO "GSC" EACH SENSOR TO BE AS A LIGHT BAY FOR NORMAL LIGHTS. EMERGENCY LIGHTS NOT CONNECTED TO (TYPICAL)
- CO AUDIO/VISUAL INDICATOR
- SMOKE DETECTOR ELEVATOR RECALL CO-ORDINATE WITH ELEVATOR CONTRACTOR
- 20A TRISORTER CONTROL PANEL B-11
- GARBAGE COMPACTOR TRISORT FED FROM DP24
- G/H DOOR OPERATOR FED FROM DPEN21
- DO NOT ENTER SIGNAGE INTERCONNECTED TO FIRE ALARM ECH-2
- G/H DOOR CONTROL PANEL TO BE INTERCONNECTED TO FIRE ALARM SYSTEM TO OPEN UPON ACTIVATION OF FIRE ALARM
- WIRELESS RECEIVER
- IRRIGATION PUMP "P-X" COORDINATE EXACT LOCATION ON SITE WITH LANDSCAPE DESIGNER (X: 00 X: 00/60) FED FROM XXX
- 15A GFI RECEPTACLE FOR THE IRRIGATION CONTROLLER COORDINATE EXACT LOCATION ON SITE WITH LANDSCAPE DESIGNER
- 1" CONDUIT C/W NULL STRING FROM THE IRRIGATION CONTROLLER TO THE WATER SUPPLY POINT OF CONNECTION OUTSIDE THE BUILDING. COORDINATE EXACT LOCATION ON SITE WITH LANDSCAPE DESIGNER (TYPICAL)
- 100W STORM DISCHARGE UP INSULATE & ELECTRICALLY TRACE EXPOSED PIPE THROUGH OUT. FED FROM PANEL "E1"
- 75W SANITARY DISCHARGE UP INSULATE & ELECTRICALLY TRACE EXPOSED PIPE THROUGH OUT. FED FROM PANEL "E1"
- VANDAL PROOF SANITARY SUMP PIT C/W "P-8" (DUPLEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL FED FROM DPEN62
- VANDAL PROOF STORM SUMP PUMP C/W "P-9" (DUPLEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL FED FROM DPEN62
- GARBAGE EXHAUST FAN "P-11" (3-HP 600/3/60) PROVIDE VANDAL PROOF CONTROL EQUIPMENT TO BE INTERLOCKED WITH FLD FROM DPEN21 SYSTEM (TYPICAL FOR 3)
- LIGHTING CONTROL TO BE INTERLOCKED WITH THE OPERATION OF THE EXHAUST FAN (TYPICAL IN LOCKERS)
- VANDAL PROOF ELEVATOR SUMP PIT "P-10" (SIMPLEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL FED FROM PANEL ECH-15
- LOWER STAIR PRESSURIZATION FAN C/W DUCT SMOKE DETECTOR AND FIRE ALARM ZONE EB-8 (STAIR A) EB-8 (STAIR B) EB-10 (STAIR C)
- INSULATE AND ELECTRICALLY TRACE EXPOSED PIPING FED FROM PANEL "E1"
- DRUM DRIP ELECTRICALLY TRACED & INSULATED FED FROM PANEL "E1"
- TOP OF STAIR SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
- 20W NON FREEZE HOSE BIBB INSULATE & ELECTRICALLY TRACE EXPOSED PIPING THRU OUT TO BE FED FROM PANEL "E1" (TYPICAL)
- E1 OUTLET FOR WATER SOFTENER EXACT LOCATION TO BE CONFIRMED ON SITE

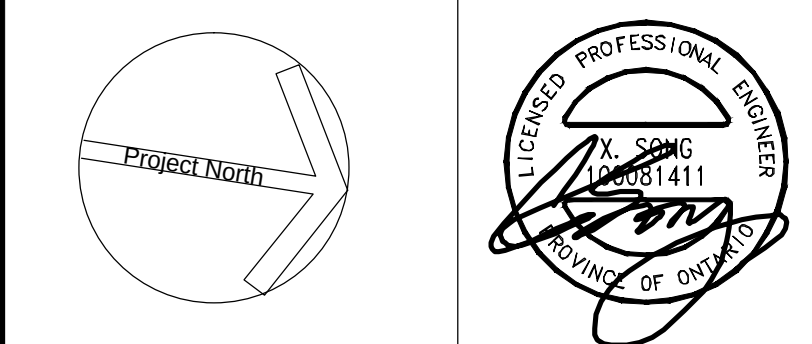
NOTES:

- ALL INSULATE AND ELECTRICALLY HEAT TRACING TO BE READ IN CONJUNCTION WITH MECHANICAL AND SPRINKLER DRAWINGS.
- POWER REQUIREMENT FOR IRRIGATION PUMP "P-X" TBC BY LANDSCAPE DESIGNER.

NO.	BY	DESCRIPTION	DATE
06	CM	ISSUED FOR AS PER SI E-3	2017-08-11
05	CM	ISSUED FOR CONSTRUCTION	2017-08-09
04	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
03	CM	ISSUED FOR PERMIT	2016-12-28
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
**PARKING P1 LEVEL - A
ELECTRICAL**

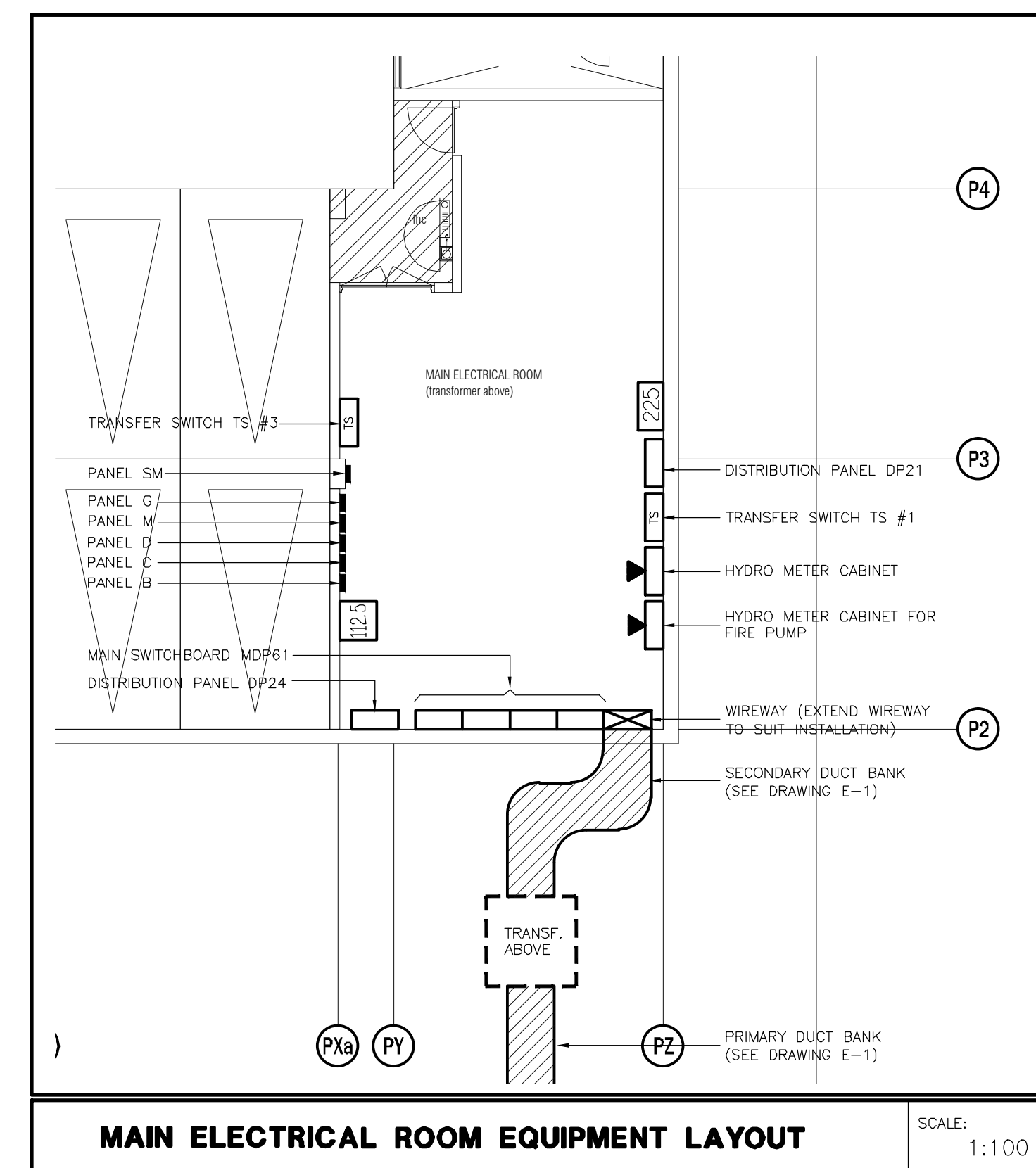
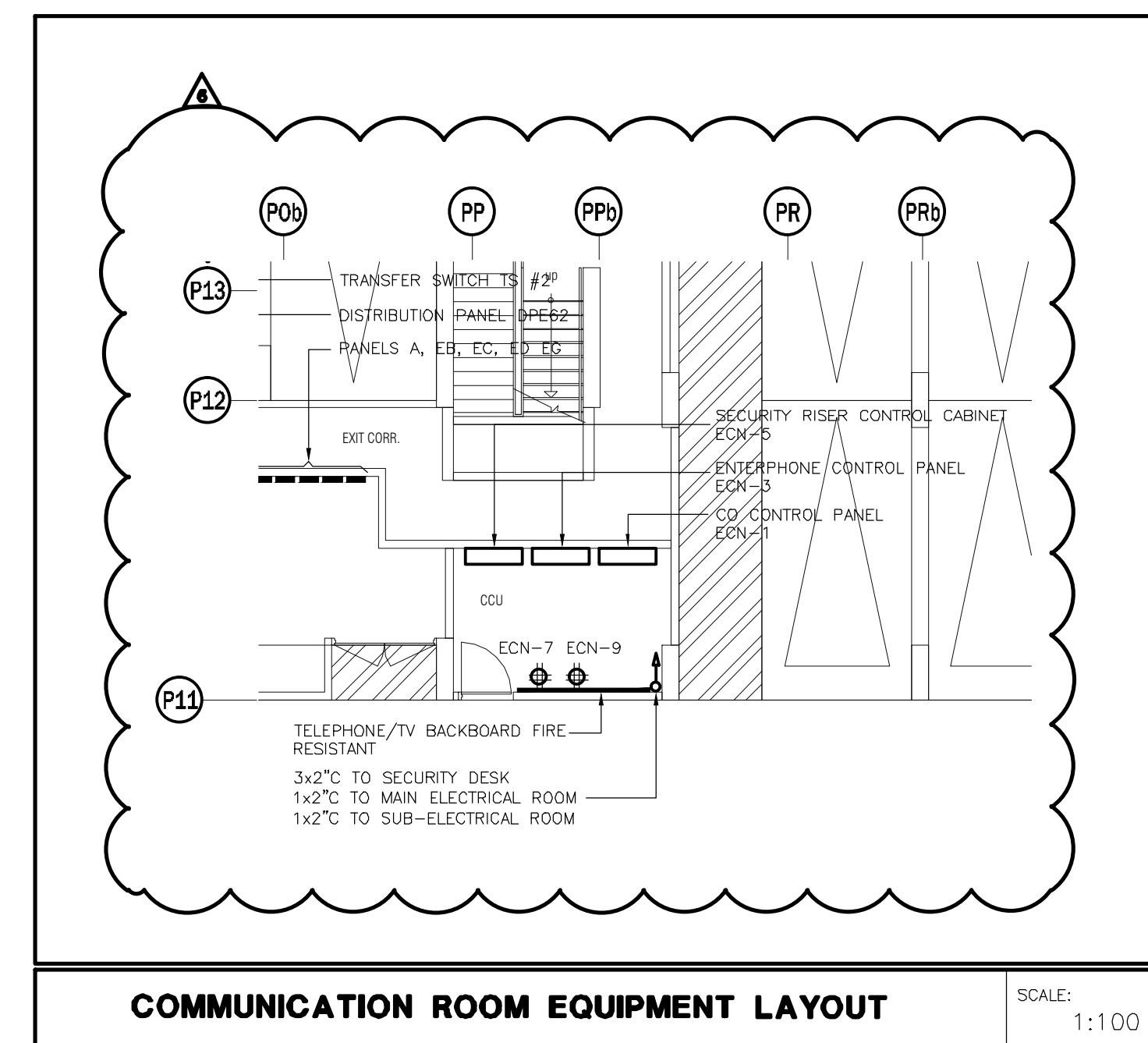
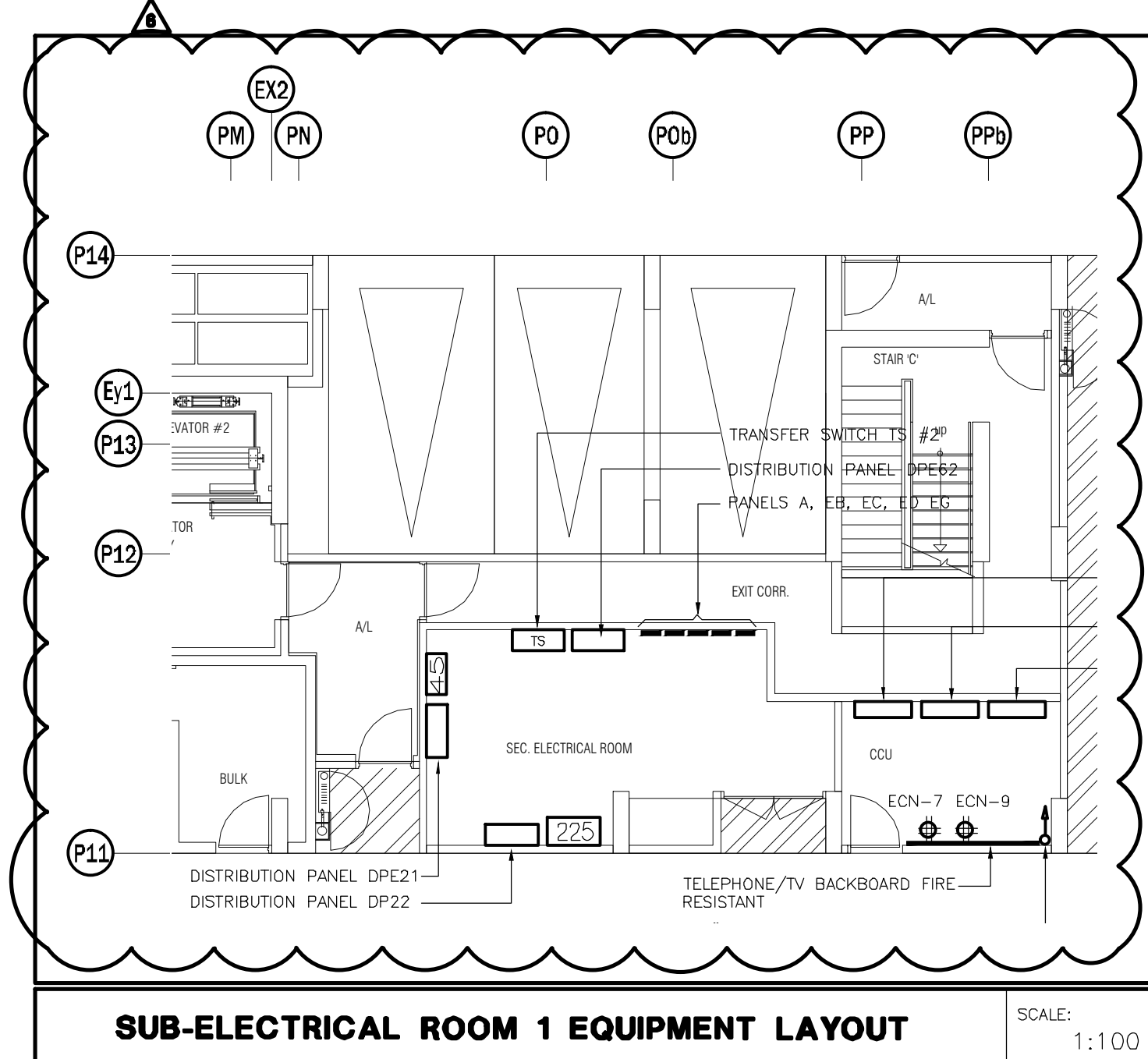
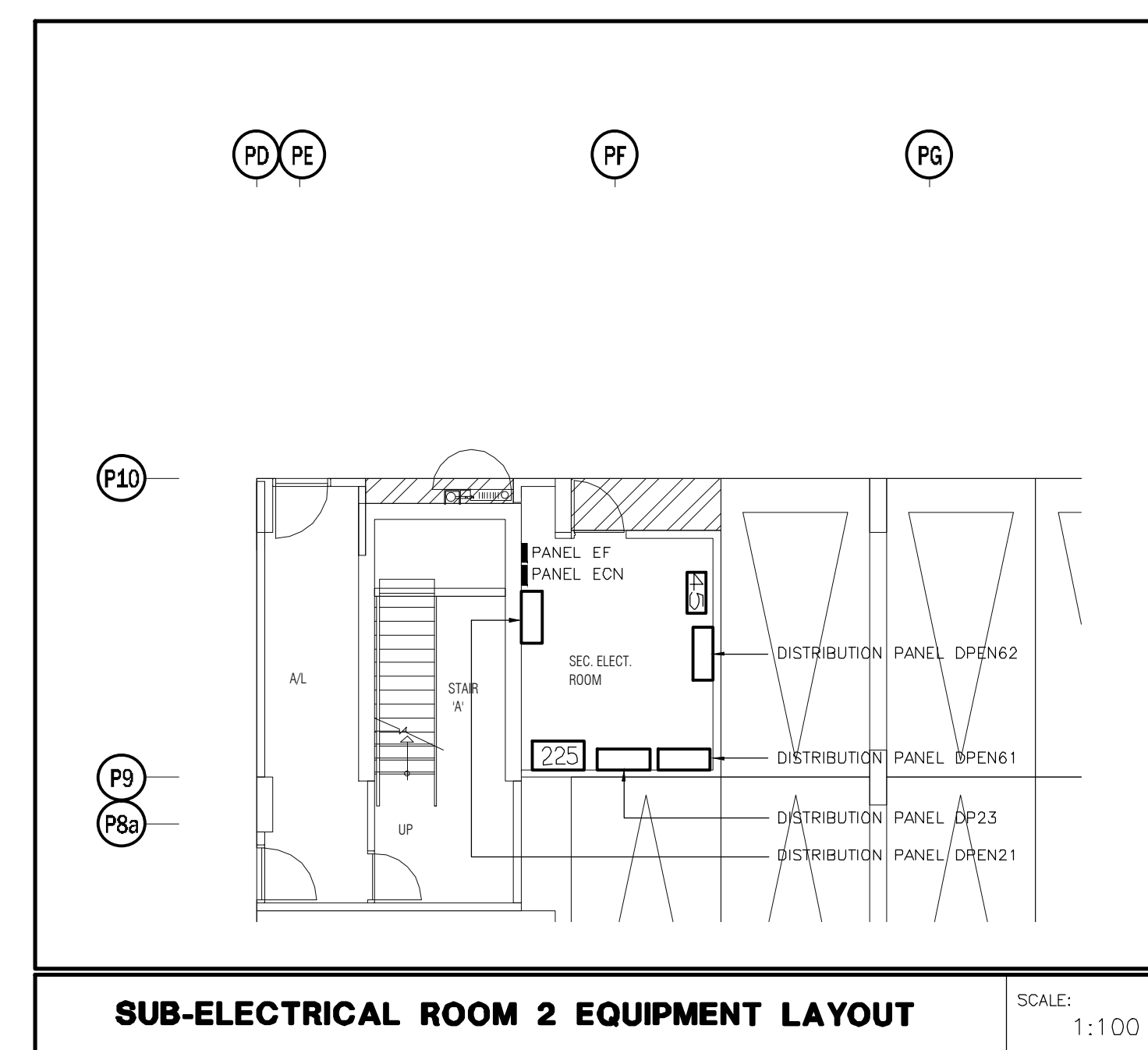
PROJECT
**PROPOSED RESIDENTIAL DEVELOPMENT
25 BAKER HILL BLVD.**

**ROYAL PINE HOMES
STOUFFVILLE, ONTARIO**

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

- ◇ WHEN CONNECTING GARAGE LIGHTS TO "OSC" (EACH SENSOR TO BE AS A LIGHT BY FOR NORMAL LIGHTS. EMERGENCY LIGHTS NOT CONNECTED TO SENSORS) ALL REMAIN ON AT ALL TIMES (TYPICAL)
- ◇ CO AUDIO/VISUAL INDICATOR
- ◇ SMOKE DETECTOR ELEVATOR RECALL CO-ORDINATE WITH ELEVATOR CONTRACTOR
- ◇ 25A- TRISORTER CONTROL PANEL
p=1-11
- ◇ GARBAGE COMPACTOR TRISORT FIED FROM DP24
- ◇ 0/1H DOOR OPERATOR FIED FROM DPEN21
- ◇ DO NOT ENTER' SONGME INTERCONNECTED TO FIRE ALARM ECN-2
- ◇ 0/1H DOOR CONTROL PANEL TO BE INTERCONNECTED TO FIRE ALARM SYSTEM TO OPEN UPON ACTIVATION OF FIRE ALARM
- ◇ WIRELESS RECEIVER
- ◇ IRRIGATION PUMP "P-3"
COORDINATE EXACT LOCATION ON SITE WITH LANDSCAPE DESIGNER
(X HP X/P/3/60) FIED FROM XXX
- ◇ 15A GFI RECEPTACLE FOR THE IRRIGATION CONTROLLER
COORDINATE EXACT LOCATION ON SITE WITH LANDSCAPE DESIGNER
- ◇ 1" CONDUIT C/W PLUMB STRING FROM THE IRRIGATION CONTROLLER TO THE WATER SUPPLY POINT OF CONNECTION OUTSIDE THE BUILDING. COORDINATE EXACT LOCATION ON SITE WITH LANDSCAPE DESIGNER
- ◇ 100A STORM DISCHARGE UP INSULATE & ELECTRICALLY TRACE EXPOSED PIPE THROUGH OUT.
FIED FROM PANEL "E3"
- ◇ 75# SANITARY DISCHARGE UP INSULATE & ELECTRICALLY TRACE EXPOSED PIPE THROUGH OUT.
FIED FROM PANEL "E3"
- ◇ VANDAL PROOF- SANITARY SUMP PIT C/W "P-8" (DUPLEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE.
REFER TO DETAIL
FIED FROM DPEN22
- ◇ VANDAL PROOF- STORM SUMP PUMP C/W "P-9" (DUPLEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE.
REFER TO DETAIL
FIED FROM DPEN22
- ◇ GARAGE EXHAUST FAN "T-11" (SHP 600/3/60) PROVIDE VANDAL PROOF CONTROL EQUIPMENT TO BE INTERLOCKED WITH CO SYSTEM
FIED FROM DPW62
(TYPICAL FOR 3)
- ◇ LIGHTING CONTROL TO BE INTERLOCKED WITH THE OPERATION OF THE EXHAUST FAN (TYPICAL IN LOCKER)
REFER TO DETAIL
FIED FROM PANEL ECN-15
- ◇ LOWER STAIR PRESSURIZATION FAN C/W DUCT SMOKE DETECTOR AND FIRE ALARM ZONE
EB-8 (STAIR A)
EB-8 (STAIR B)
EB-10 (STAIR C)
- ◇ INSULATE AND ELECTRICALLY TRACE EXPOSED PIPING
FIED FROM PANEL "E3"
(TYPICAL)
- ◇ DRUM DRIP ELECTRICALLY TRACED & INSULATED
FIED FROM PANEL "E3"
(TYPICAL)
- ◇ TOP OF STAIR
SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
- ◇ 20# NON FREEZE HOSE BIBB INSULATE & ELECTRICALLY TRACE EXPOSED PIPING THRU OUT TO BE FIED FROM PANEL "E3"
(TYPICAL)
- ◇ 6/1 OUTLET FOR WATER SOUTERER
EXACT LOCATION TO BE CONFIRMED ON SITE

1. ALL INSULATE AND ELECTRICALLY HEAT TRACING TO BE READ IN CONJUNCTION WITH MECHANICAL AND SPRINKLER DRAWINGS.
2. POWER REQUIREMENT FOR IRRIGATION PUMP "P-X" TBC BY LANDSCAPE DESIGNER.



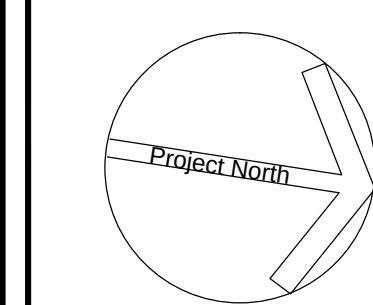
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02	CM	REVISED AS PER ESA COMMENTS AND FOR CLARIFICATION		2016-05-19	
01	CM	ISSUED FOR TENDER		2016-03-15	
Nº.	BY	DESCRIPTION			DATE
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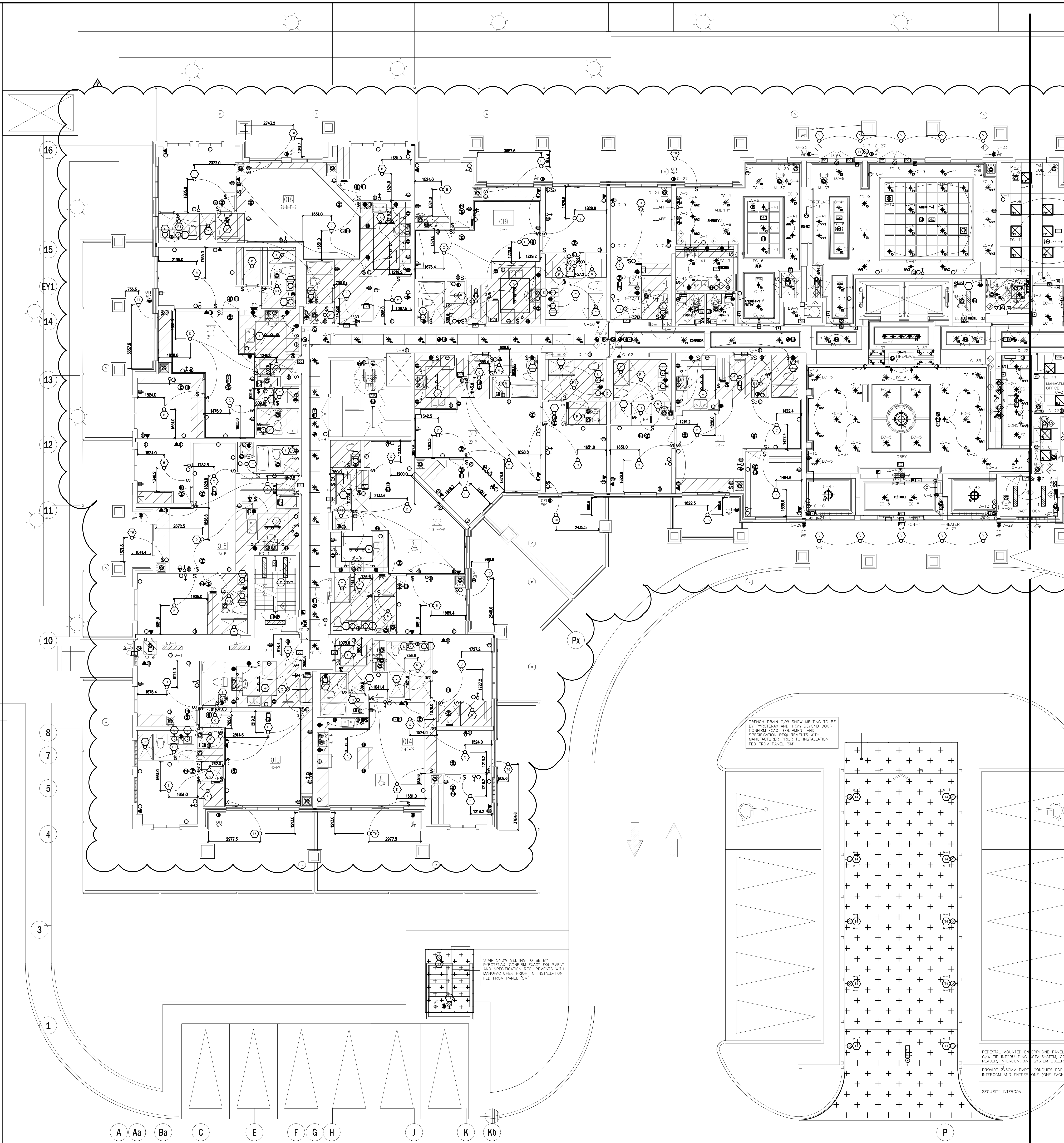
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TITLE	PARKING P1 LEVEL - B ELECTRICAL
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PROJECT
**PROPOSED RESIDENTIAL DEVELOPMENT
25 BAKER HILL BLVD.**

ROYAL PINE HOMES
STOUFFVILLE, ONTARIO

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



- ### SUITES' KEY NOTES (TYPICAL)
- 1 DOOR CONTACT
 - 2 SUITE INTRUSION ALARM AND KEYPAD WITH DIGITAL DISPLAY
 - 3 120V U-GROUND DUPLEX RECEPTACLE FOR GENERAL PURPOSES
 - 4 IN SUITE TELEPHONE/TV COMBO DISTRIBUTION PANEL
 - 5 WALL MOUNTED COMBINATION TV/TELEPHONE OUTLET
 - 6 DIRECT CONNECTION FOR WASHROOM EXHAUST FAN
 - 7 120V, 20A, T-SLOT RECEPTACLE MOUNTED ABOVE COUNTER TOP (ALL RECEPTACLES LOCATED WITHIN 1.0M OF KITCHEN SINKS ALONG THE WALL BEHIND THE COUNTERS SHALL BE PROTECTED BY GFI BREAKERS OF THE CLASS A TYPE)
 - 8 120V, 15A, RECEPTACLE FOR FRIDGE
 - 9 250V, 10, 4W, 30A, RECEPTACLE FOR RANGE. CONNECT WITH 3/4" BX OR 3/4" THW-19MM CONDUIT
 - 10 RECEPTACLE FOR KITCHEN MICROWAVE AND EXHAUST FAN
 - 11 WALL MOUNTED TV OUTLET
 - 12 120V U-GROUND DUPLEX RECEPTACLE FOR DISHWASHER
 - 13 WALL MOUNTED TELEPHONE OUTLET
 - 14 CEILING MOUNTED FIRE ALARM SPEAKER
 - 15 CEILING MOUNTED 120V SMOKE ALARM/CARBON MONOXIDE COMBO DETECTOR (FOR 1ST, 2ND AND 7TH FLOORS ONLY)
 - 16 CEILING MOUNTED 120V SMOKE ALARM DETECTOR (FOR ALL OTHER FLOORS (3RD-6TH))
 - 17 ALL DETECTORS WITHIN SAME SUITE TO BE INTERCONNECTED AND HAVE A VISUAL SIGNALING COMPONENT IN ACCORDANCE WITH CBC
 - 18 FLUSH MOUNTED SUITE SERVICE PANEL. SEE DRAWING E-16 FOR SUITE PANEL SCHEDULE
 - 19 DIRECT CONNECTION FOR VERTICAL FAN COIL UNIT. REFER TO MECHANICAL DRAWING FOR MORE DETAILS
 - 20 120V U-GROUND DUPLEX RECEPTACLE WITH ONE HALF SWITCH CONTROLLED
 - 21 DIRECT CONNECTION FOR DRYER EXHAUST FAN
 - 22 120V, 15A, RECEPTACLE FOR WASHER
 - 23 250V, 10, 4W, 30A, RECEPTACLE FOR DRYER. CONNECT TO 3/4" BX OR 3/4" THW-19MM CONDUIT
 - 24 120V U-GROUND DUPLEX GFI RECEPTACLE FOR WASHROOM
 - 25 120V U-GROUND DUPLEX GFI WEATHER PROOF RECEPTACLE IN BALCONY (TYPICAL FOR 1ST FLOOR AND EXTERIOR BALCONY ONLY)
 - 26 120V U-GROUND DUPLEX WEATHER PROOF RECEPTACLE IN BALCONY (TYPICAL FOR 2ND TO 7TH FLOOR)
 - 27 UNDER COUNTER LIGHTING TYPE TO BE CONFIRMED BY CLIENT
 - 28 CEILING MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE LIGHT
- 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 FED FROM ECN-11
 - 3 CACF FIRE ALARM CONTROL PANEL FED FROM DP62
 - 4 KEY SWITCH ELEVATOR RECALL CO-ORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR
 - 5 FIRE ALARM MASTER OPERATION SWITCH FOR FIRE DEPARTMENT MASTER CONTROL FED FROM ECN-13
 - 6 CONFIRM POWER AND COMMUNICATION REQUIREMENTS AT CONCEERGE DESK WITH CLIENT. PROVIDE 4x2" CONDUIT TO COMMUNICATION ROOM
 - 7 BUILDING STATUS ANNUNCIATOR PANEL
 - 8 EMERGENCY BUTTON C/W INTERCONNECTION TO CONCEERGE
 - 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 BBQ 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 C-32
 - 15 DISHWASHER C-42
 - 16 SPLIT COUNTER RECEPTACLES C-34/36
 - 17 SPLIT COUNTER RECEPTACLES C-38/40
 - 18 COOKTOP C-44
 - 19 MICRO/FAN C-46
 - 20 STOVE C-48
 - 21 SPLIT SYSTEM E-8 (STORAGE) M-42/44
 - 22 SPLIT SYSTEM E-8 (WC) M-46/48
 - 23 SPLIT SYSTEM E-8 (AMENITY) M-50/52
 - 24 SPLIT SYSTEM E-8 (AMENITY) M-54/56
 - 25 BASEBOARD HEATER M-23
 - 26 BASEBOARD HEATER M-25
 - 27 UNDER COUNTER LIGHTING TO BE CONFIRMED BY CLIENT/INTERIOR DESIGNER
 - 28 CACF 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 TRANSFER 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 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
 - 29 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, CONCEERGE 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

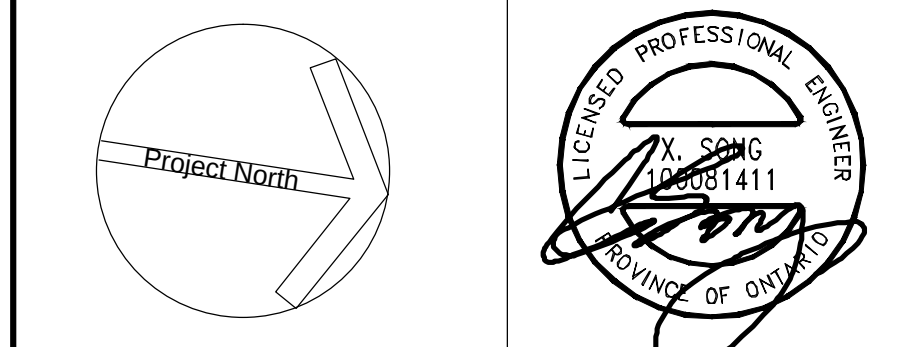
NO.	BY	DESCRIPTION	DATE
07	CM	ISSUED FOR AS PER SI E-3	2017-08-11
08	CM	ISSUED FOR CONSTRUCTION	2017-08-09
09	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
10	CM	ISSUED FOR PERMIT	2016-12-28
11	CM	REVISED AS PER ADD E-1	2016-12-12
12	CM	REVISED AS PER ESA COMMENTS AND FOR CLARIFICATION	2016-05-19
13	CM	ISSUED FOR TENDER	2016-03-15

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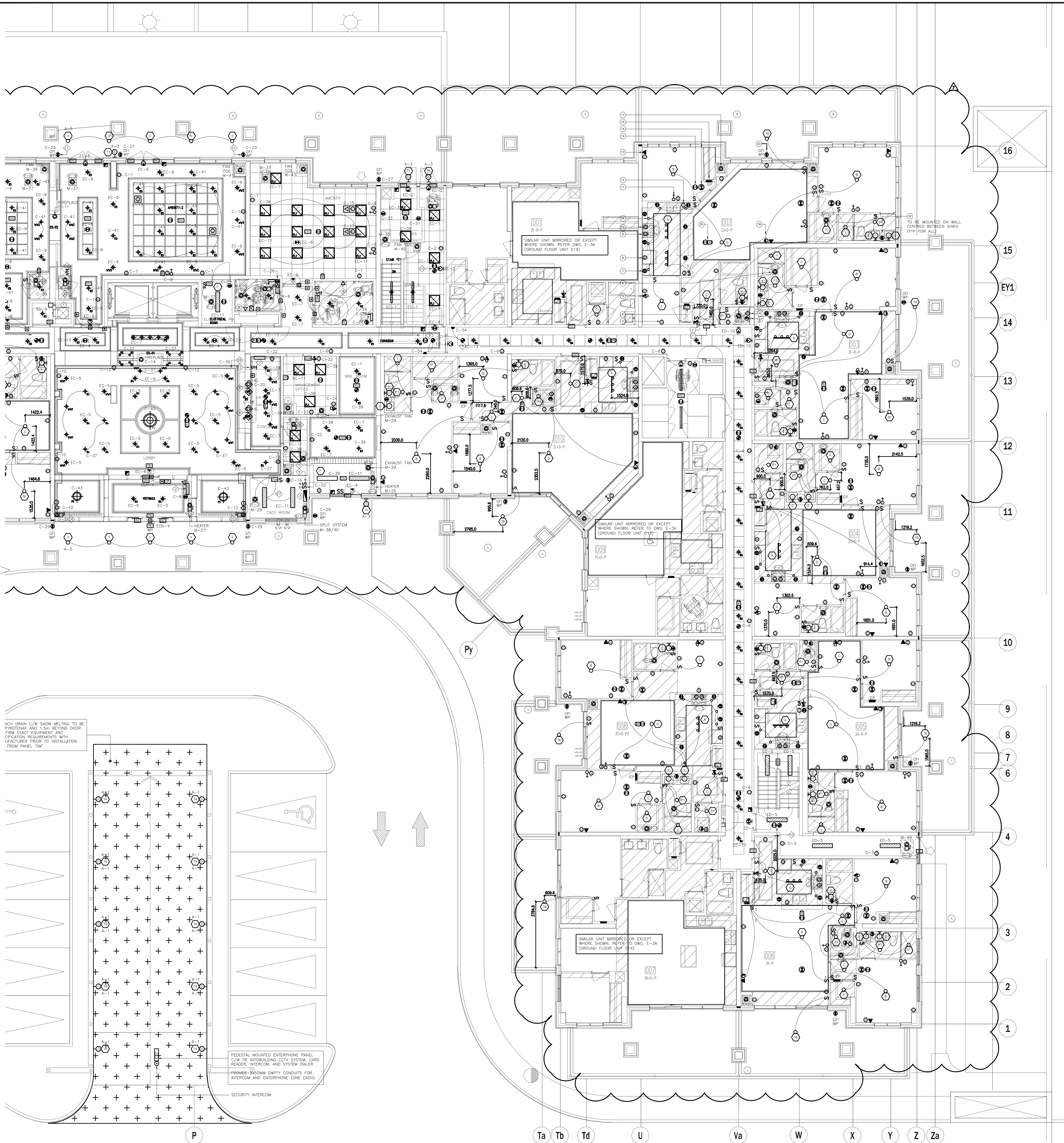
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3345 Reels Street, Suite 105,
Toronto, Ontario, M3J 1M6
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TITLE	GROUND FLOOR PLAN - A ELECTRICAL		
PROJECT	PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
	ROYAL PINE HOMES STOUFFVILLE, ONTARIO		
DRAWN	CM	CHECKED	MG
DATE	SEPT. 2015	PROJECT	14-016
		SCALE	1:75
		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
- 120V U-GROUND DUPLEX RECEPTACLE FOR GENERAL PURPOSES
- IN SUITE TELEPHONE/TV COMBO DISTRIBUTION PANEL
- WALL MOUNTED COMBINATION TV/TELEPHONE OUTLET
- DIRECT CONNECTION FOR WASHROOM EXHAUST FAN
- 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)
- 120V, 15A, RECEPTACLE FOR FRIDGE
- 250V, 16, 4W, 50A, RECEPTACLE FOR RANGE, CONNECT WITH 3/8" BX OR 3/8" THW-19MM CONDUIT
- RECEPTACLE FOR KITCHEN MICROWAVE AND EXHAUST FAN
- WALL MOUNTED TV OUTLET
- 120V U-GROUND DUPLEX RECEPTACLE FOR DISHWASHER
- WALL MOUNTED TELEPHONE OUTLET
- CEILING MOUNTED FIRE ALARM SPEAKER
- CEILING MOUNTED 120V SMOKE ALARM/CARBON MONOXIDE COMBO DETECTOR (FOR 1ST, 2ND AND 7TH FLOORS ONLY)
- CEILING MOUNTED 120V SMOKE ALARM DETECTOR (FOR ALL OTHER FLOORS (3RD-6TH))
- ALL DETECTORS WITHIN SAME SUITE TO BE INTERCONNECTED AND HAVE A VISUAL SIGNALING COMPONENT IN ACCORDANCE WITH CBC
- FLUSH MOUNTED SUITE SERVICE PANEL, SEE DRAWING E-16 FOR SUITE PANEL SCHEDULE
- DIRECT CONNECTION FOR VERTICAL FAN COIL UNIT (REFER TO MECHANICAL DRAWING FOR MORE DETAILS)
- 120V U-GROUND DUPLEX RECEPTACLE WITH ONE HALF SWITCH CONTROLLED
- DIRECT CONNECTION FOR DRYER EXHAUST FAN
- 120V, 15A, RECEPTACLE FOR WASHER
- 250V, 10, 4W, 30A, RECEPTACLE FOR DRYER, CONNECT TO 3/4" BX OR 3/4" THW-19MM CONDUIT
- 120V U-GROUND DUPLEX GFI RECEPTACLE FOR WASHROOM
- 120V U-GROUND DUPLEX GFI, WEATHER PROOF RECEPTACLE IN BALCONY (TYPICAL FOR 1ST FLOOR AND EXTERIOR BALCONY ONLY)
- 120V U-GROUND DUPLEX WEATHER PROOF RECEPTACLE IN BALCONY (TYPICAL FOR 2ND TO 7TH FLOOR)
- UNDER COUNTER LIGHTING TYPE TO BE CONFIRMED BY CLIENT
- CEILING MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE LIGHT

NOTES:

ALSO REFER TO TYPICAL SUITES NOTES ON DRAWING E-9B. (ALL RECEPTACLES SHALL BE PROTECTED BY AFCI-AULT INTERRUPTERS)

GENERAL KEY NOTES

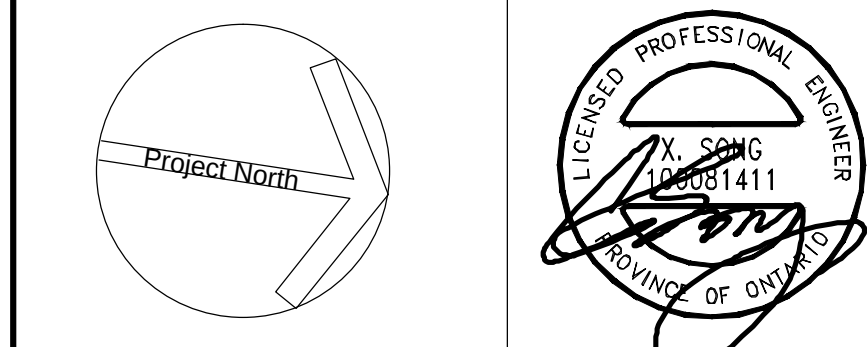
- JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
- INTERPHONE PANEL C/W TIE INTO BUILDING CCTV SYSTEM, CARD READER, INTERCOM, AND SYSTEM DIALER (FED FROM ECN-11)
- CACF: FIRE ALARM CONTROL PANEL (FED FROM DPE2)
- KEY SWITCH ELEVATOR RECALL CO-ORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR
- FIRE ALARM MASTER 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
- UNDER COUNTER LIGHTING TO BE CONFIRMED BY CLIENT/INTERIOR DESIGNER
- CACF ROOM IS REQUIRED TO CONTAIN THE FOLLOWING CONTROLS:
 - A MEANS TO CONTROL THE VOICE COMMUNICATION SYSTEM
 - 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
 - MEANS TO COMMUNICATE WITH ELEVATOR ELEVATOR CAR
 - 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 INVOKE 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.

NO.	BY	DESCRIPTION	DATE
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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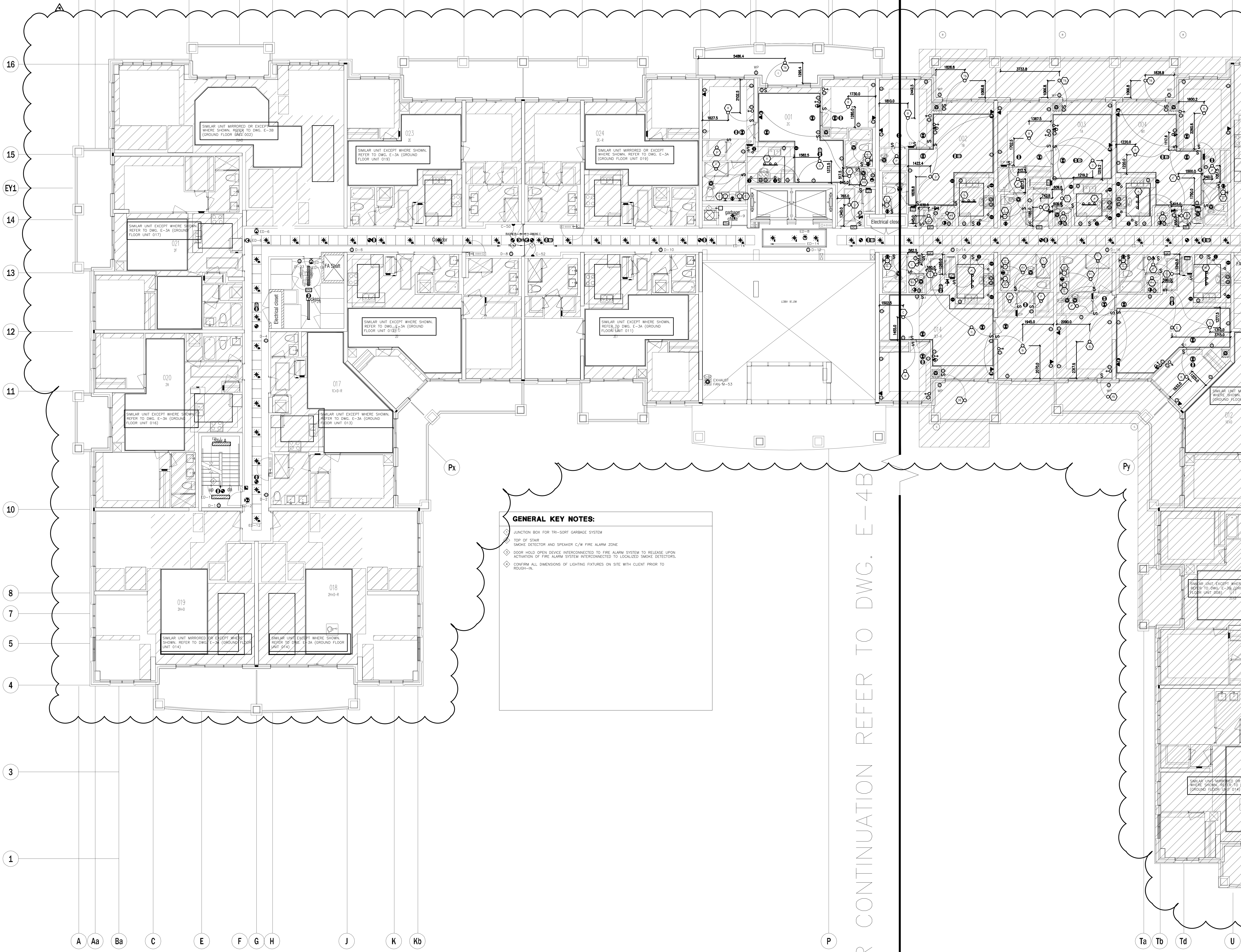
United Engineering Inc.
Mechanical Electrical Consulting Engineers
3445 Reels Street, Suite 105,
Toronto, Ontario, M3J 1M6
Tel: (416) 398 1999, Fax: (416) 398 1933

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:

- 1. JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
- 2. TOP OF STAIR
- 3. SMOKE DETECTOR AND SPEAKER C/N FIRE ALARM ZONE
- 4. DOOR HOLD OPEN DEVICE INTERCONNECTED TO FIRE ALARM SYSTEM TO RELEASE UPON ACTIVATION OF FIRE ALARM SYSTEM INTERCONNECTED TO LOCALIZED SMOKE DETECTORS
- 5. CONFIRM ALL DIMENSIONS OF LIGHTING FIXTURES ON SITE WITH CLIENT PRIOR TO INSTALLATION

FOR CONTINUATION REFER TO DWG. E-4B

NO.	BY	DESCRIPTION	DATE
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

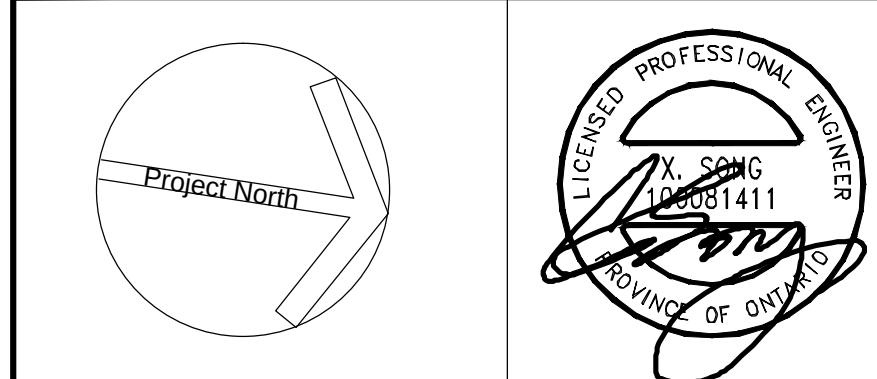
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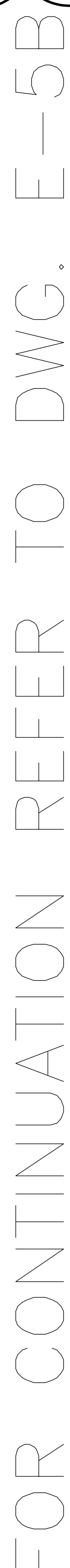
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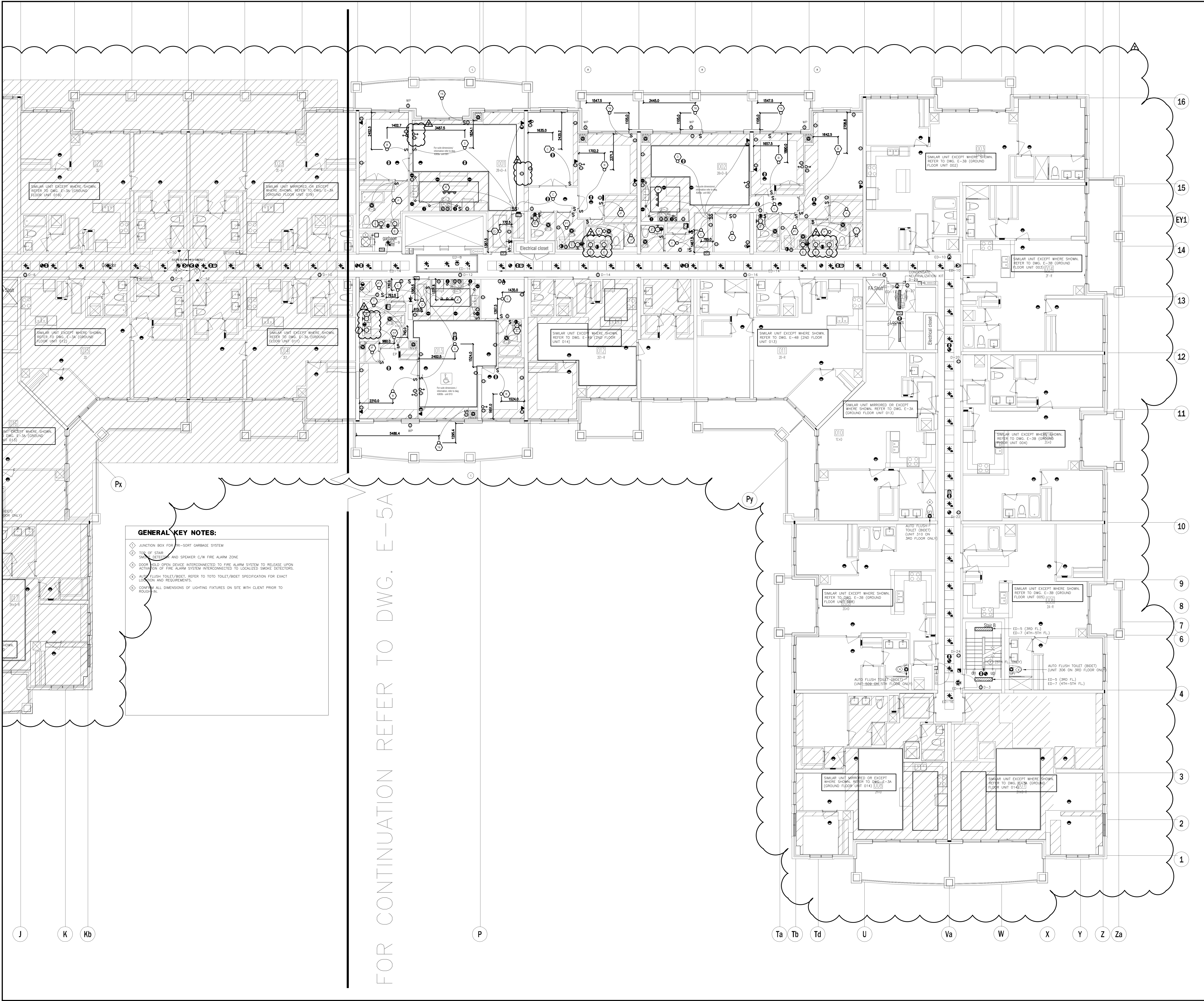


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TITLE 2ND FLOOR PLAN - A ELECTRICAL		
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
LOCATION ROYAL PINE HOMES STOUFFVILLE, ONTARIO		
DRAWN CM	CHECKED MG	SCALE 1:75
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-4A OF 12



DRAWN CM	CHECKED MG	SCALE 1:75
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-5A
		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.
- ◆ 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 INSTALLATION.

NO.	BY	DESCRIPTION	DATE
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 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

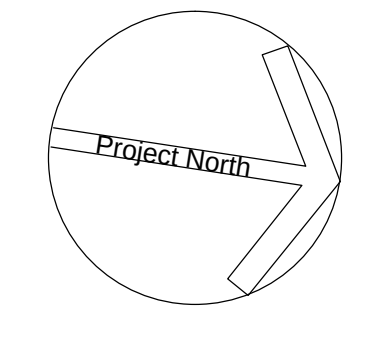
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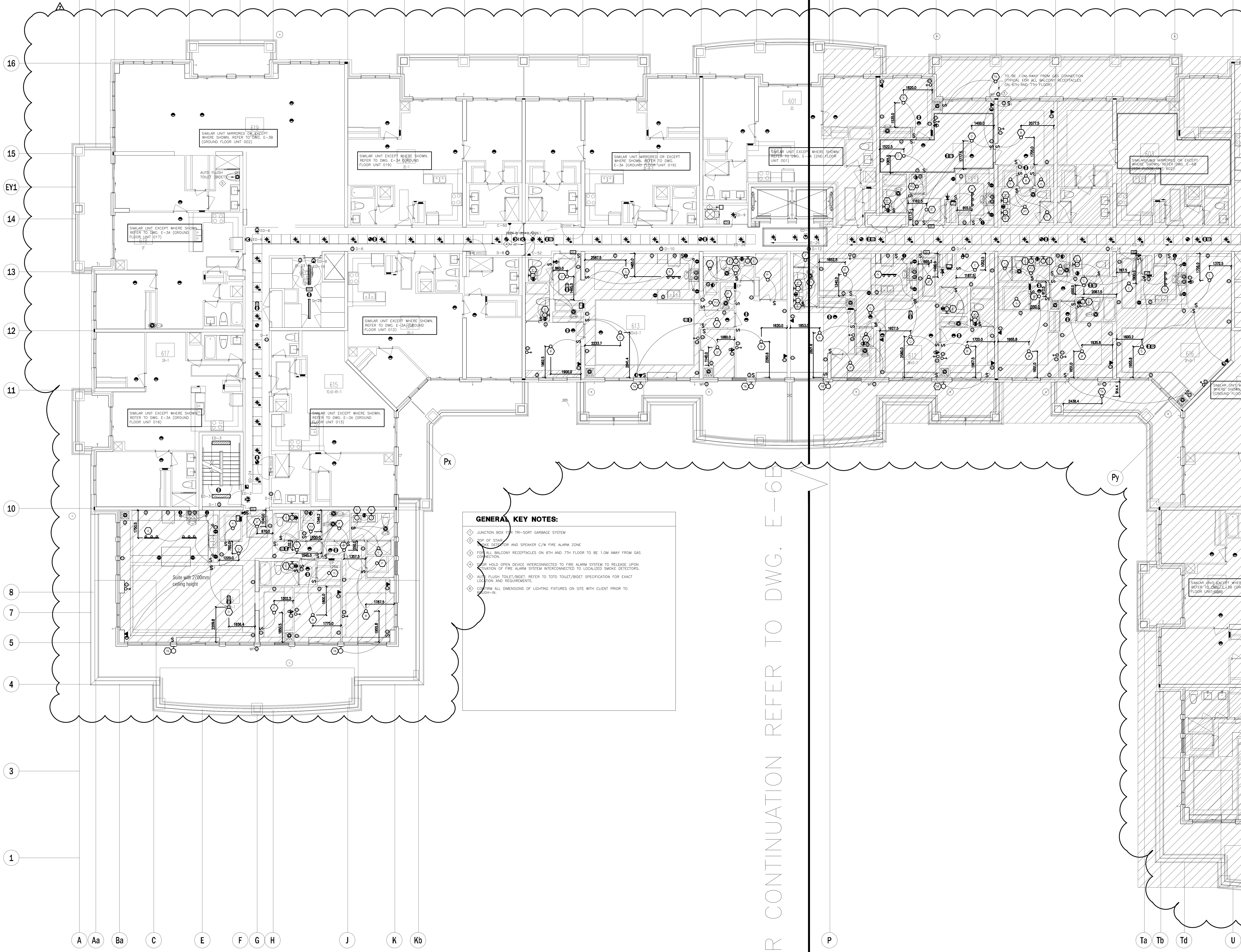
TITLE
3RD-5TH FLOOR PLANS - B
ELECTRICAL

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-5B
		OF 12



GENERAL KEY NOTES:

- ◆ JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
- ◆ TOP OF STAIR
- ◆ SMOKE EXTRACTOR AND SPEAKER C/W FIRE ALARM ZONE
- ◆ FOR ALL BALCONY RECEPTACLES ON 6TH AND 7TH FLOOR TO BE 1.0M AWAY FROM GAS CONNECTION
- ◆ REFER 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 CONSTRUCTION

FOR CONTINUATION REFER TO DWG. E-6B

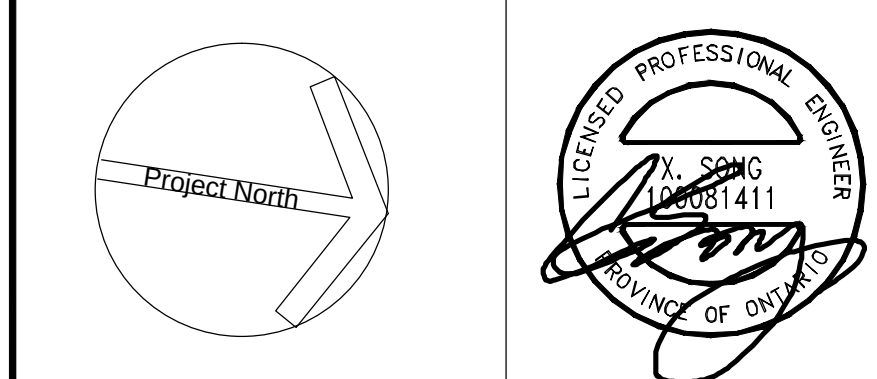
NO.	BY	DESCRIPTION	DATE
07	CM	ISSUED FOR AS PER SI E-3	2017-08-11
06	CM	ISSUED FOR CONSTRUCTION	2017-08-09
05	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
04	CM	ISSUED FOR PERMIT	2016-12-28
03	CM	REVISED AS PER ADDENDUM E-1	2016-12-12
02	CM	REVISED AS PER ESA COMMENTS AND FOR CLARIFICATION	2016-05-19
01	CM	ISSUED FOR TENDER	2016-03-15

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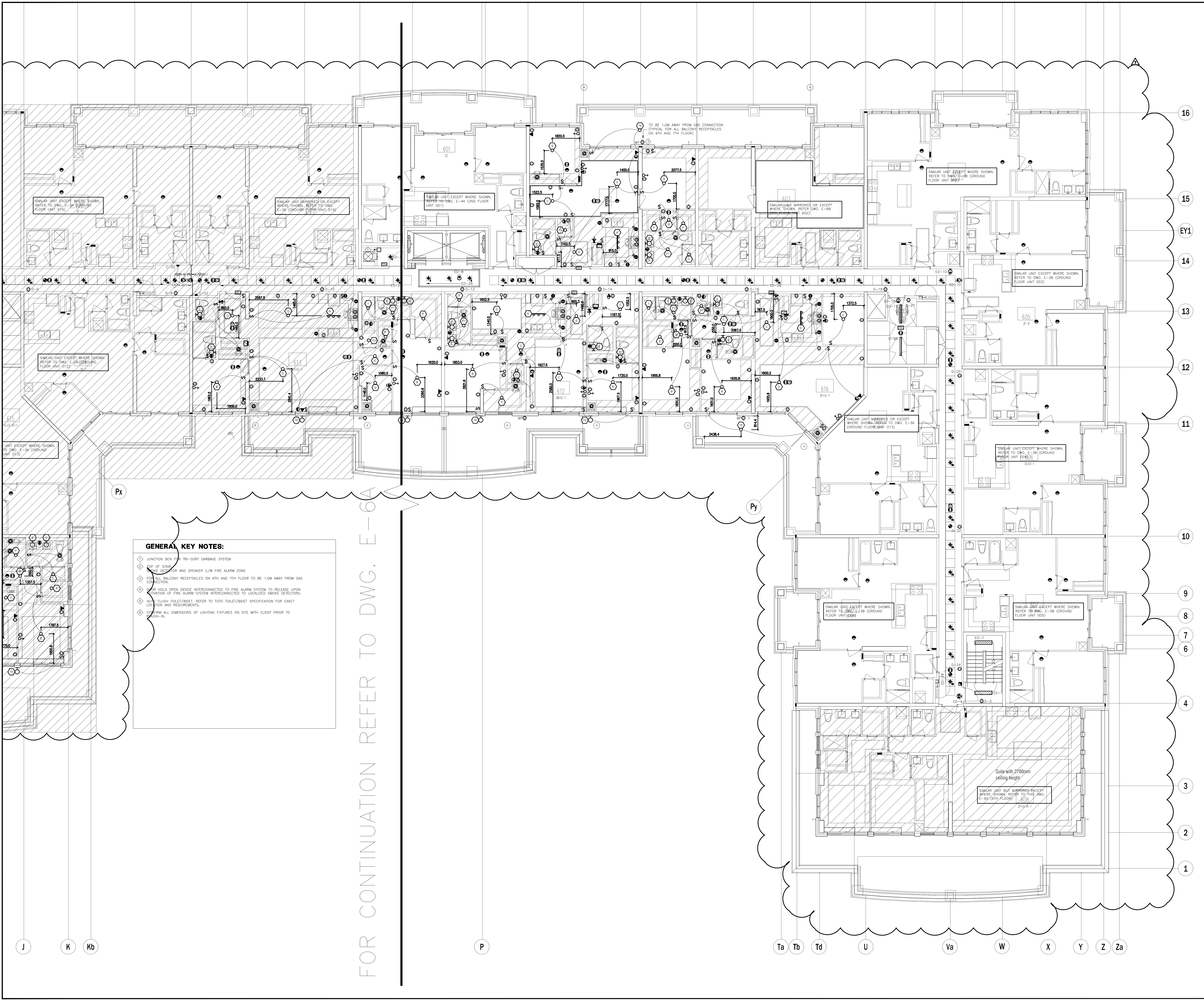
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TITLE			6TH FLOOR PLAN - A ELECTRICAL		
PROJECT					
PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.					
ROYAL PINE HOMES STOUFFVILLE, ONTARIO					
DRAWN		CHECKED		SCALE	
CM		MG		1:75	
DATE		PROJECT		DRAWING	
SEPT. 2015		14-016		E-6A	
				OF	
				12	



GENERAL KEY NOTES:

- ◆ JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
- ◆ TOP OF STAIR
- ◆ FIRE 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.
- ◆ TOILET 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 WORK-BE.

FOR CONTINUATION REFER TO DWG. E-6A

NO.	BY	DESCRIPTION	DATE
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

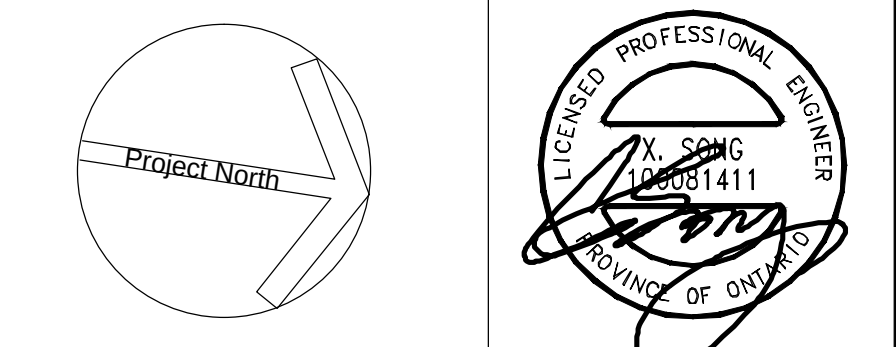
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TITLE
**6TH FLOOR PLAN - B
ELECTRICAL**

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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FOR CONTINUATION REFER TO DWG. E-7B

Ta Tb Td U

GENERAL KEY NOTES:

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

NO.	BY	DESCRIPTION	DATE
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

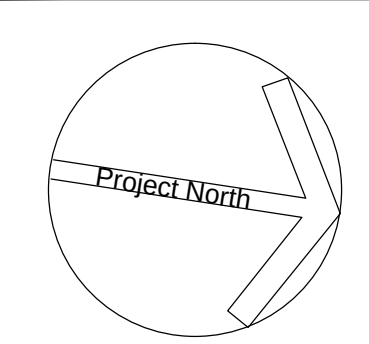
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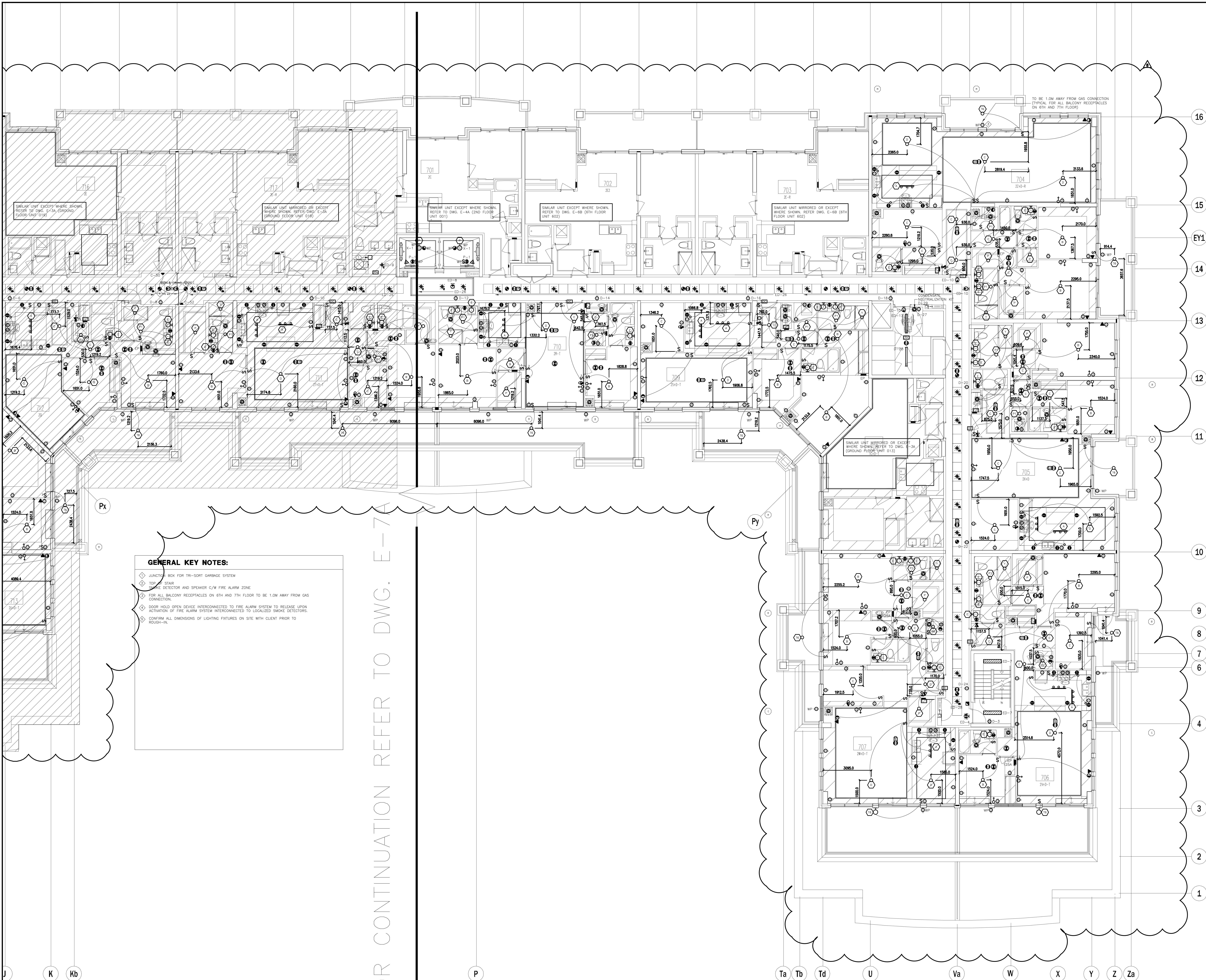
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TITLE	7TH FLOOR PLAN - A ELECTRICAL		
PROJECT	PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
	ROYAL PINE HOMES STOUFFVILLE, ONTARIO		
DRAWN	CM	CHECKED	MG
DATE	SEPT. 2015	PROJECT	14-016
		SCALE	1:75
		DRAWING	E-7A
		OF	12



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

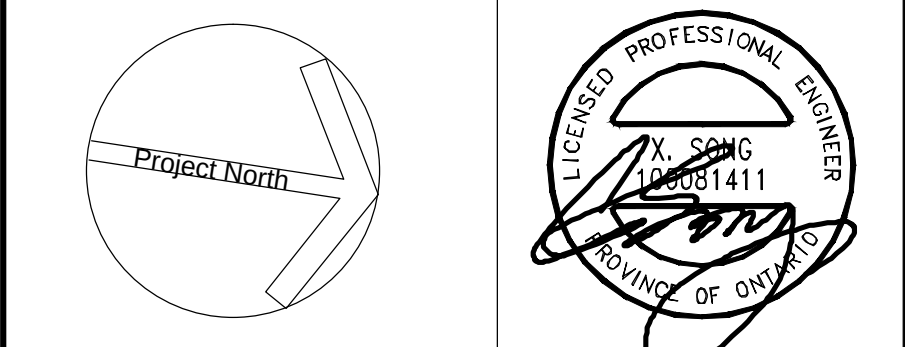
NO.	BY	DESCRIPTION	DATE
08	CM	ISSUED FOR AS PER SI E-3	2017-08-11
07	CM	ISSUED FOR CONSTRUCTION	2017-08-09
06	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
05	CM	ISSUED FOR PERMIT	2016-12-28
04	CM	REVISED AS PER ADD E-1	2016-12-12
03	CM	REVISED AS PER SI E-2	2016-10-04
02	CM	REVISED AS PER ESA COMMENTS AND FOR CLARIFICATION	2016-05-19
01	CM	ISSUED FOR TENDER	2016-03-15

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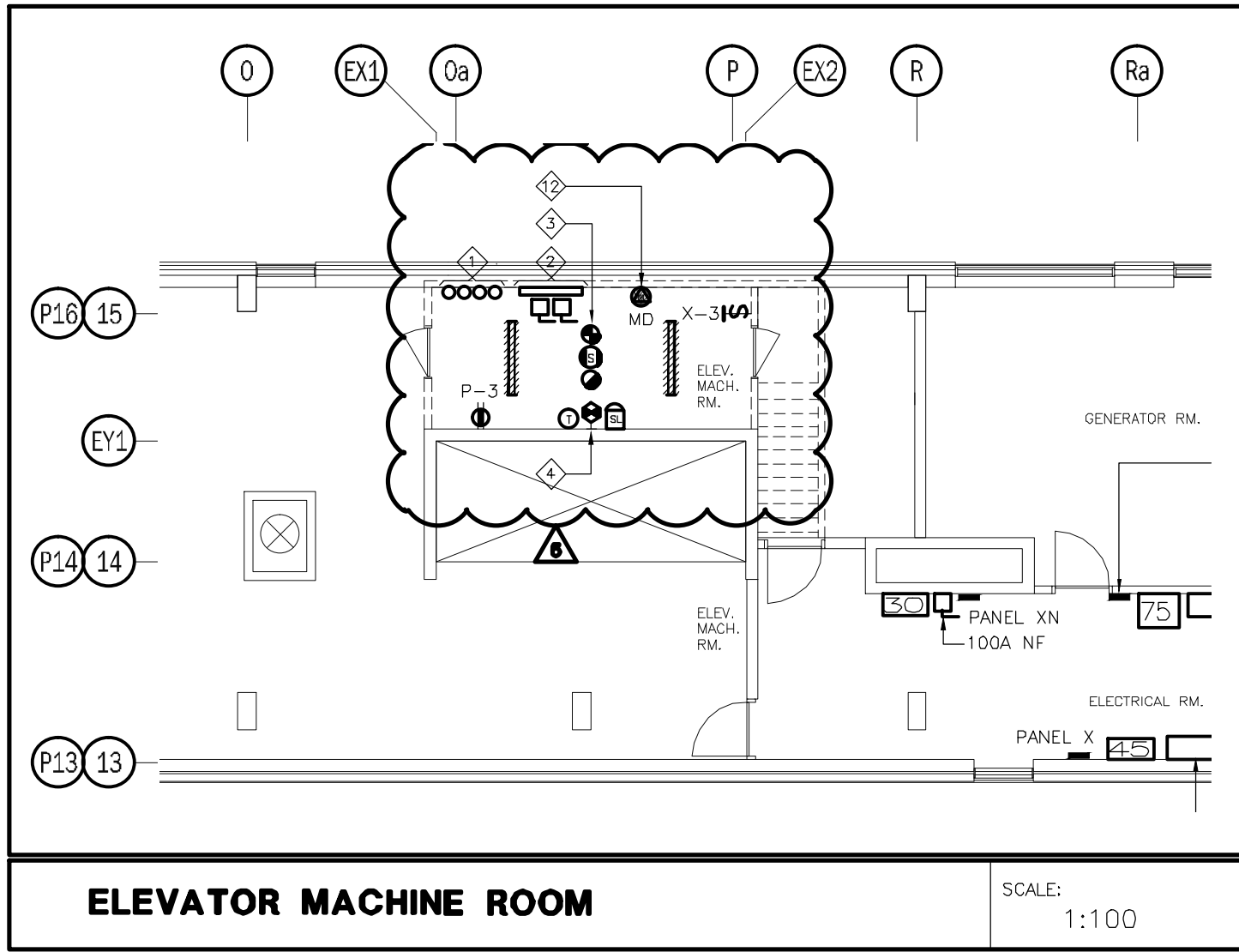
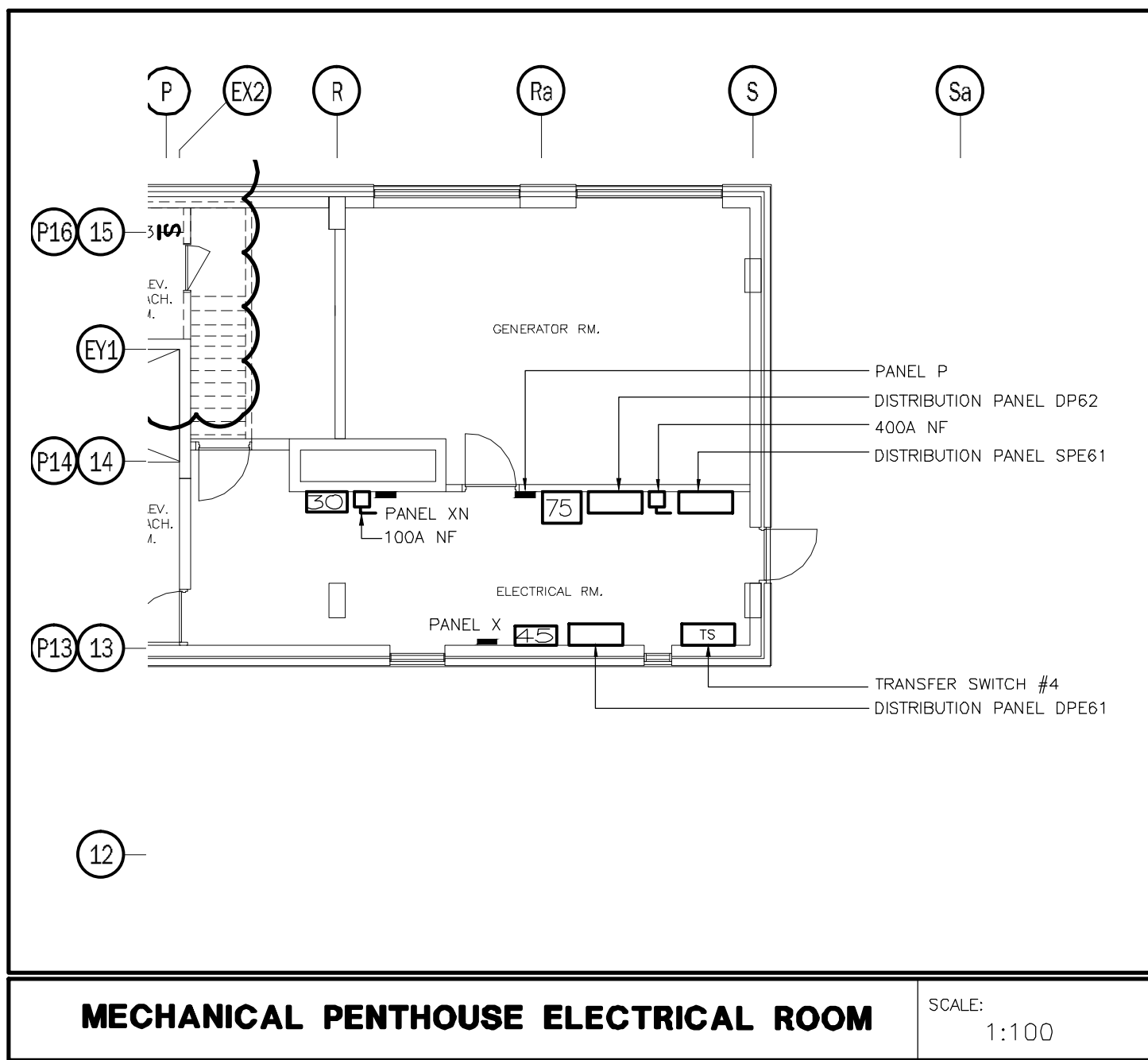
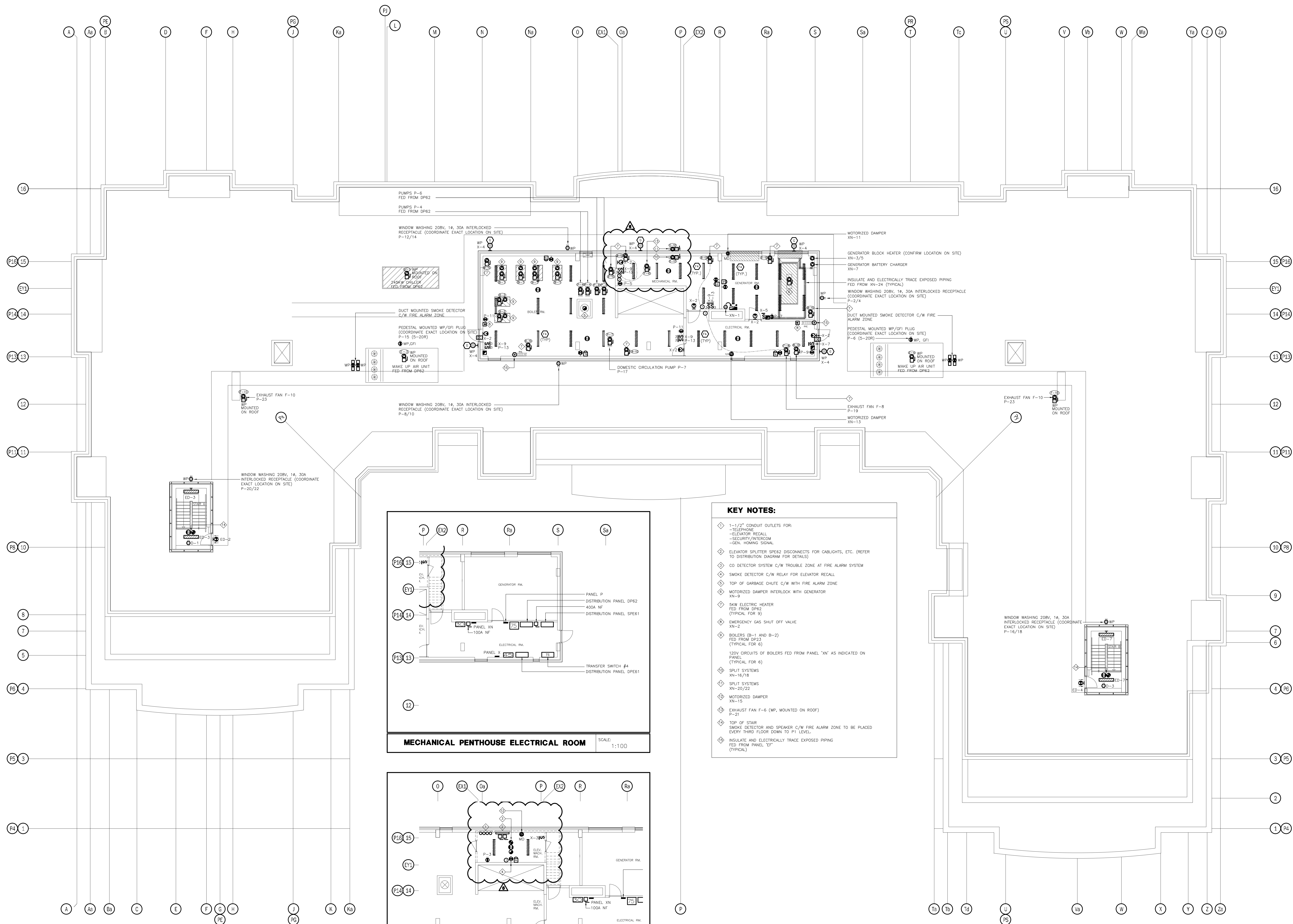
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Mechanical Electrical Consulting Engineers
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TITLE 7TH FLOOR PLAN - B ELECTRICAL		
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
LOCATION ROYAL PINE HOMES STOUFFVILLE, ONTARIO		
DRAWN CM	CHECKED MG	SCALE 1:75
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-7B
		OF 12



KEY NOTES:

- 1-1/2" CONDUIT OUTLETS FOR:
 - TELEPHONE
 - ELEVATOR RECALL
 - SECURITY/INTERCOM
 - GEN. HOUSING SIGNAL
- ELEVATOR SPLITTER SPEK2 DISCONNECTS FOR CABLIGHTS, ETC. (REFER TO DISTRIBUTION DIAGRAM FOR DETAILS)
- CO DETECTOR SYSTEM C/W TROUBLE ZONE AT FIRE ALARM SYSTEM
- SMOKE DETECTOR C/W RELAY FOR ELEVATOR RECALL
- TOP OF GARBAGE CHUTE C/W WITH FIRE ALARM ZONE
- MOTORIZED DAMPER INTERLOCK WITH GENERATOR
- SHW ELECTRIC HEATER FED FROM DP62 (TYPICAL FOR 9)
- EMERGENCY GAS SHUT OFF VALVE XN-2
- BOILERS (B-1 AND B-2) FED FROM DP23 (TYPICAL FOR 6)
- 120V CIRCUITS OF BOILERS FED FROM PANEL "XN" AS INDICATED ON PANEL (TYPICAL FOR 6)
- SPLIT SYSTEMS XN-14/18
- SPLIT SYSTEMS XN-20/22
- MOTORIZED DAMPER XN-15
- EXHAUST FAN F-6 (WP, MOUNTED ON ROOF) P-21
- TOP OF STAIR SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE TO BE PLACED EVERY THIRD FLOOR DOWN TO P1 LEVEL.
- INSULATE AND ELECTRICALLY TRACE EXPOSED PIPING FED FROM PANEL "EP" (TYPICAL)

NO.	BY	DESCRIPTION	DATE
06	CM	REVISED AS PER SI E-3	2017-08-11
05	CM	ISSUED FOR CONSTRUCTION	2017-08-09
04	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
03	CM	ISSUED FOR PERMIT	2016-12-28
02	CM	REVISED AS PER ESA COMMENTS AND FOR CLARIFICATION	2016-05-19
01	CM	ISSUED FOR TENDER	2016-03-15

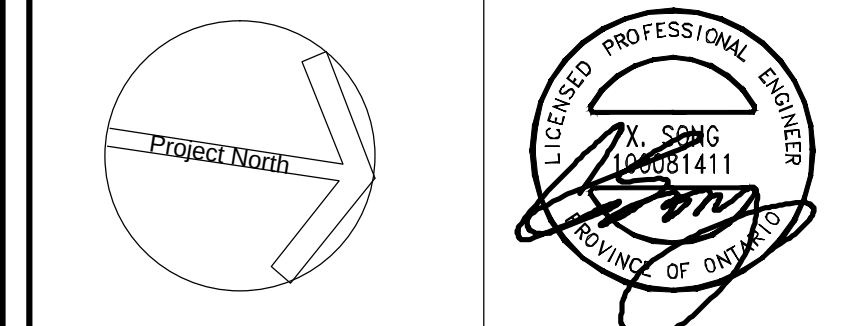
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Tel: (416) 598 1999, Fax: (416) 598 1935

TITLE MECHANICAL PENTHOUSE ELECTRICAL		
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
OWNER ROYAL PINE HOMES STOUFFVILLE, ONTARIO		
DRAWN CM	CHECKED MG	SCALE 1:100
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-8
		OF 12

PANEL IDENTIF:	SERVICE: MAIN CCT. BRK: 208Y/120V, 3ø, 4W MANS: 225 AMPS MOUNTING: SURFACE	NOTES: ** LOCK ON BREAKER
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-ELECT. 1/COMM. (P1)
	15A 23 24 15A	RECEPTABLE - SUB-ELECT. 2 (P1)
	15A 25 26 15A	SPARE
	15A 27 28 15A	SPARE
	15A 29 30 15A	SPARE
	31 32	SPACE
	33 34	
	35 36	
	37 38	
	39 40	
	41 42	

PANEL IDENTIF:	SERVICE: MAIN CCT. BRK: 208Y/120V, 3ø, 4W MANS: 225 AMPS MOUNTING: SURFACE	NOTES: ** LOCK ON BREAKER
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 'F-9' SA
LIGHTING - STAIR C (P1)	15A 7 8 15A	LOWER STAIR PRESS FAN 'F-9' SB
LIGHTING - STAIR D (P1)	15A 9 10 15A	LOWER STAIR PRESS FAN 'F-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	
	15A 29 30 15A	
	31 32	SPACE
	33 34	
	35 36	
	37 38	
	39 40	
	41 42	

PANEL IDENTIF:	SERVICE: MAIN CCT. BRK: 120/208V, 1ø, 3ø MANS: 125 AMPS MOUNTING: RECESSED	NOTES:
LOAD DESCRIPTION	WATTS BRK CIRCUITS BRK WATTS	LOAD DESCRIPTION
LTC, RECEPT. & SMOKE ALARM	1000 15A 1 2 15A** 1000	KITCHEN GFI SPLIT RECEPTACLE **
LIGHTING & RECEPTABLES	1000 15A 3 4 2P	SPLIT RECEPTACLE
LIGHTING & RECEPTABLES	1000 15A 5 6 15A	1000 SPLIT RECEPTACLE
LIGHTING & RECEPTABLES	1000 15A 7 8 2P	
LIGHTING & RECEPTABLES	1000 15A 9 10 50A	6000 FANGE (3 #)
EXTERIOR REC. GFI AS REQUIRED	500 15A 11 12 2P	
GFI RECEPTACLE	1000 15A 13 14 15A	800 FRIDGE
FAN COIL UNIT **	1000 15A** 15	16 30A 3000 DRYER
FAN COIL UNIT **	1000 15A** 17	18 2P
AUTO FLUSH TOILET *	15A 19	20 15A 1000 WASHER
SPARE	15A 21	22 15A 1000 DISHWASHER
SEPARATE RECEPTACLE **	500 15A 23	24 15A** BATHRM. HEATER (TOP FLOOR)**
COMBO MICROWAVE HOOD/FAN **	15A** 25	26 15A** 1000 MICROWAVE
DRYER EXHAUST FAN	15A 27	28 15A** 1000 SPLIT RECEPTACLE
WINDOW A/C UNIT **	1000 15A 29	30 2P
SPARE	15A 31	32
	15A 33	34
	15A 35	36
	15A 37	38
	15A 39	40
	15A 41	42

NOTES:

- CONFIRM ELEC. REQUIREMENTS WITH UNITS SHOP DWGS. (FOR EACH DIFFERENT SUITE/UNIT)
- WHERE APPLICABLE AND REQUIRED, REFER TO UNITS LAYOUTS. ELSE, PROVIDE SPARES
- PANELS C/W "PLUG-IN" OR BOLT-ON BREAKERS
- PANELS SHALL BE SUITABLE FOR THE USE OF DOUBLE BREAKERS WHICH SHALL BE USED SHOULD THE ACTUAL PROPORTION OF REQUIRED CIRCUITS/EMPTY SPACE EXCEED CODE REQUIREMENTS.
- PROVIDE FIRE STOPPING IN CONDUIT AT PANEL AND IN ELECTRICAL CLOSET IN ACCORDANCE TO CODE

PANEL IDENTIF:	SERVICE: MAIN CCT. BRK: 120/208V, 1ø, 3ø MANS: 100 AMPS MOUNTING: SURFACE	NOTES:
LOAD DESCRIPTION	WATTS BRK CIRCUITS BRK WATTS	LOAD DESCRIPTION
LTC, RECEPT. & SMOKE ALARM	1000 15A 1 2 15A** 1000	KITCHEN GFI SPLIT RECEPTACLE **
LIGHTING & RECEPTABLES	1000 15A 3 4 2P	
LIGHTING & RECEPTABLES	1000 15A 5 6 15A	1000 SPLIT RECEPTACLE
LIGHTING & RECEPTABLES	1000 15A 7 8 2P	
LIGHTING & RECEPTABLES	1000 15A 9 10 50A	6000 FANGE (3 #)
EXTERIOR REC. GFI AS REQUIRED	500 15A 11 12 2P	
GFI RECEPTACLE	1000 15A 13 14 15A	800 FRIDGE
FAN COIL UNIT **	1000 15A** 15	16 30A 3000 DRYER
FAN COIL UNIT **	1000 15A** 17	18 2P
AUTO FLUSH TOILET *	15A 19	20 15A 1000 WASHER
SPARE	15A 21	22 15A 1000 DISHWASHER
SEPARATE RECEPTACLE **	500 15A 23	24 15A** BATHRM. HEATER (TOP FLOOR)**
COMBO MICROWAVE HOOD/FAN **	15A** 25	26 15A** 1000 MICROWAVE
DRYER EXHAUST FAN	15A 27	28 15A** 1000 SPLIT RECEPTACLE
WINDOW A/C UNIT **	1000 15A 29	30 2P
SPARE	15A 31	32
	15A 33	34
	15A 35	36
	15A 37	38
	15A 39	40
	15A 41	42

NOTES:

- CONFIRM ELEC. REQUIREMENTS WITH UNITS SHOP DWGS. (FOR EACH DIFFERENT SUITE/UNIT)
- WHERE APPLICABLE AND REQUIRED, REFER TO UNITS LAYOUTS. ELSE, PROVIDE SPARES
- PANELS C/W "PLUG-IN" OR BOLT-ON BREAKERS
- PANELS SHALL BE SUITABLE FOR THE USE OF DOUBLE BREAKERS WHICH SHALL BE USED SHOULD THE ACTUAL PROPORTION OF REQUIRED CIRCUITS/EMPTY SPACE EXCEED CODE REQUIREMENTS.
- PROVIDE FIRE STOPPING IN CONDUIT AT PANEL AND IN ELECTRICAL CLOSET IN ACCORDANCE TO CODE

PANEL IDENTIF:	SERVICE: MAIN CCT. BRK: 208Y/120V, 3ø, 4W MANS: 225 AMPS MOUNTING: SURFACE	NOTES: ** LOCK ON BREAKER
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 - CACF ROOM (1ST)
	15A 17 18 15A	CONCEGE FL REC - (1ST)
	15A 19 20 15A	CONCEGE FL REC - (1ST)
	15A 21 22 15A	REC. - M OFFICE/MAL (1ST)
	15A 23 24 15A	RECEPTABLES - M OFFICE (1ST)
EXT. BBO REC - AMENITY (1ST)	15A 25 26 15A	GFI RECEPTABLES - WC (1ST)
EXT. BBO REC - AMENITY (1ST)	15A 27 28 15A	GFI RECEPTABLES - WC (1ST)
EXTERIOR REC. - AMENITY (1ST)	15A 29 30 15A	SPARE
GFI RECEPTABLE-DOO SPA (1ST)	15A 31 32 15A	FRIDGE - AMENITY (1ST)
GFI RECEPTABLE-DOO SPA (1ST)	15A 33 34 15A	COUNTER REC - AMENITY (1ST)
LIGHTING - LOBBY (1ST)	15A 35 36 15A	
LIGHTING - LOBBY (1ST)	15A 37 38 15A	
LIGHTING - AMENITY (1ST)	15A 39 40 15A	
LIGHTING - AMENITY (1ST)	15A 41 42 15A	DISHWASHER - AMENITY (1ST)
LIGHTING - AMENITY (1ST)	15A 43 44 15A	COOKTOP - AMENITY (1ST)
SPARE	15A 45 46 15A	MICRO/HOOD FAN - AMENITY
	15A 47 48 15A	STOVE - AMENITY (1ST)
	15A 49 50 15A	DOOR HOLD OPEN DEVICE
	15A 51 52 15A	DOOR HOLD OPEN DEVICE
	15A 53 54 15A	DOOR HOLD OPEN DEVICE
	15A 55 56 15A	SPARE
	15A 57 58 15A	SPARE
	15A 59 60 15A	SPARE
	61 62	SPACE
	63 64	
	65 66	
	67 68	
	69 70	
	71 72	

PANEL IDENTIF:	SERVICE: MAIN CCT. BRK: 208Y/120V, 3ø, 4W MANS: 225 AMPS MOUNTING: SURFACE	NOTES: ** LOCK ON BREAKER
LOAD DESCRIPTION	WATTS BRK CIRCUITS BRK WATTS	LOAD DESCRIPTION
LIGHTING - STAR C (1ST FL)	15A 1 2 15A	EXIT SIGNS -STAR C (1ST) ***
LIGHTING - DOO SPA (1ST FL)	15A 3 4 15A	EXIT SIGNS - LOBBY (1ST) ***
LIGHTING - LOBBY (1ST FL)	15A 5 6 15A	EXIT SIGNS - AMENITY (1ST) ***
LIGHTING - LOBBY (1ST FL)	15A 7 8 15A	SPARE
LIGHTING - LOBBY (1ST FL)	15A 9 10 15A	
LIGHTING - AMENITY (1ST FL)	15A 11 12 15A	
LIGHTING - CORRIDOR (1ST FL)	15A 13 14 15A	
LIGHTING - CORRIDOR (1ST FL)	15A 15 16 15A	
LIGHTING - CORRIDOR (1ST FL)	15A 17 18 15A	
SPARE	15A 19 20 15A	
	15A 21 22 15A	
	15A 23 24 15A	
	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:	SERVICE: MAIN CCT. BRK: 208Y/120V, 3ø, 4W MANS: 225 AMPS MOUNTING: SURFACE	NOTES:
LOAD DESCRIPTION	WATTS BRK CIRCUITS BRK WATTS	LOAD DESCRIPTION
CO CONTROL PANEL	15A 1 2 15A	DO NOT ENTER SIGN (P1)
ENTERPHONE CONTROL PANEL	15A 3 4 15A	AUTO DOOR OPENER ENTR.(1ST)
SECURITY REER CONTROL PANEL	15A 5 6 15A	AUTO DOOR OPENER (GND WC)
TEL./TV RECEPTABLES	15A 7 8 15A	SPARE
TEL./TV RECEPTABLES	15A 9 10 15A	
ENTERPHONE PANEL-MAN ENTR.	15A 11 12 15A	
MASTER OPERATING SWITCH FOR F/A	15A 13 14 15A	
ELEVATOR PUMP PUMP P-10 (P1)	15A 15 16 15A	
SPARE	15A 17 18 15A	
	15A 19 20 15A	
	15A 21 22 15A	
	15A 23 24 15A	
	25 26	SPACE
	27 28	
	29 30	
	31 32	
	33 34	
	35 36	
	37 38	
	39 40	
	41 42	

PANEL IDENTIF:	SERVICE: MAIN CCT. BRK: 208Y/120V, 3ø, 4W MANS: 225 AMPS MOUNTING: SURFACE	NOTES:
LOAD DESCRIPTION	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
SPARE	31 32 15A	
	33 34 15A	
	35 36 15A	
	37 38 15A	
	39 40 15A	
	41 42 15A	

PANEL IDENTIF:	SERVICE: MAIN CCT. BRK: 208Y/120V, 3ø, 4W MANS: 225 AMPS MOUNTING: SURFACE	NOTES:
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-PH)	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-PH)	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 (6TH-7TH)
	15A 25 26 15A	LIGHTING - CORRIDOR (6TH-7TH)
	15A 27 28 15A	LIGHTING - CORRIDOR (6TH-7TH)
	15A 29 30 15A	SPACE
	31 32	
	33 34	
	35 36	
	37 38	
	39 40	
	41 42	

PANEL IDENTIF:	SERVICE: MAIN CCT. BRK: 208Y/120V, 3ø, 4W MANS: 225 AMPS MOUNTING: SURFACE	NOTES:
LOAD DESCRIPTION	WATTS BRK CIRCUITS BRK WATTS	LOAD DESCRIPTION
HEAT TRACING AS REQUIRED	15A 1 2 15A	HEAT TRACING AS REQUIRED
	15A 3 4 15A	
	15A 5 6 15A	
	15A 7 8 15A	
	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	
	15A 27 28 15A	
	15A 29 30 15A	
	31 32 15A	
	33 34 15A	
	35 36 15A	
	37 38 15A	
	39 40 15A	
	41 42 15A	

PANEL IDENTIF:	SERVICE: MAIN CCT. BRK: 208Y/120V, 3ø, 4W MANS: 225 AMPS MOUNTING: SURFACE	NOTES:
LOAD DESCRIPTION	WATTS BRK CIRCUITS BRK WATTS	LOAD DESCRIPTION
SNOW MELT AS REQUIRED	15A 1 2 15A	SNOW MELT AS REQUIRED
	15A 3 4 15A	
	15A 5 6 15A	
	15A 7 8 15A	
	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	
	15A 27 28 15A	
	15A 29 30 15A	
	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: 600/347V, 3ø, 4W MAIN CCT. BRK: MANS: 225 AMPS MOUNTING: SURFACE					NOTES:	
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOCATION:	
LIGHTING - GARAGE (P1)		15A	1	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			
SPACE		25	26				SPACE	
		27	28					
		29	30					
		31	32					
		33	34					
		35	36					
		37	38					
		39	40					
		41	42					