

1. ELECTRICAL DRAWINGS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, FIRE AND STRUCTURAL DRAWINGS. CONTRACTOR TO ALLOW FOR CONFLICTS AND/OR OMISSIONS AND STRUCTURAL DRAWINGS. CONTRACTOR TO ALLOW FOR COORDINATION TO BE COMPLETED ON SITE.
2. ALL SECURITY CORDING TO BE PROVIDED IN COORDINATION WITH SECURITY SUPPLIER
3. ALL WORK TO BE IN ACCORDANCE WITH HSE/CSA STANDARDS AND AS DIRECTED BY ON SITE INSPECTORS.
4. ALL PENETRATIONS THRU CORE SLAB TO BE SMOKE SEALED IN ACCORDANCE WITH CODE AND MANUFACTURERS INSTRUCTIONS. ALL PENETRATIONS THROUGH SITES TO BE MADE AS CLOSE TO WORK AS POSSIBLE.
5. FINAL DRUM DRIPS LOCATION TO BE CO-ORDINATED WITH THE MECHANICAL CONTRACTOR AND SITE.
6. ALL DRUM DRIPS TO BE ELECTRICALLY TRACED AND INSULATED, FEED FROM PANEL T/2.
7. FINAL EXPOSED T/2-TRIPS MUST BE CO-ORDINATED WITH MECHANICAL CONTRACTOR ON SITE.
8. EXPOSED T/2-TRIPS MUST BE PROTECTED WITH 100MM CONCRETE OR 10MM FIRE RATED BOARD.
9. ALL HEAT TRACING FOR HOT SPRINGERS AND STOPVALS IS REQUIRED TO HAVE A SUPERVISORY SIGNAL ON FIRE ALARM SYSTEM CONTROL PANEL WHEN THERE IS A LOSS OF POWER.
10. COMPLETE NETWORKED GAS DETECTION AND CONTROL SYSTEM TO BE PROVIDED AND INSTALLED WHERE THE VENTILATION SYSTEM IS NOT AVAILABLE. CONTRACTOR TO PROVIDE A SYSTEM, (REFER TO COM MONITOR SYSTEM TYPE INSTALLATION DETAIL FOR MORE INFORMATION).
11. PROVIDE LIGHT SWITCHES (WHICH ARE) INTERLOCKED WITH THE OPERATION OF THE EXHAUST FAN SYSTEM. PROVIDE 100MM CONCRETE OR 10MM FIRE RATED BOARD, OTHERWISE PROVIDE 24HRS OPERATION FOR THE FANS. COORDINATE WITH DR. 15 PRIOR TO RIG-UP.
12. FOR SITE LIGHTING, OPERATIONAL PRACTICES TO BE MADE TO REDUCE LIGHT POLLUTION AND SPILL LIGHT (LIGHT BEYOND AREAS THAT NEED TO BE LEFT FOR SAFETY AND SECURITY REASONS).
13. FURNISH COLLARED LIGHTS, NOT GLASS BALLS, DOWNWARD AND INCLUDES FIXTURES SUCH AS COLLARED OR LOWER SCALE POLE FIXTURES ALONG PEDESTRIANS' ROUTES TO MINIMIZE LIGHT POLLUTION.
14. WHERE CEILING HEIGHT EXCEEDS 15' FIXTURES ARE TO BE STEM OR CHAIN HUNG TO A HEIGHT OF 12' AFF LEAVING GARAGE LIGHT FIXTURES, INTERIOR DESIGN FIXTURES TO BE AS PER INTERIOR DESIGN DRAWINGS.
15. PROVIDE 100MM CONCRETE OR 10MM FIRE RATED BOARD, OTHERWISE PROVIDE 24HRS OPERATION FOR THE EXHAUST FAN SYSTEM. COORDINATE WITH DR. 15 PRIOR TO RIG-UP. PROVIDE 100MM CONCRETE OR 10MM FIRE RATED BOARD, OTHERWISE PROVIDE 24HRS OPERATION FOR THE EXHAUST FAN SYSTEM. COORDINATE WITH DR. 15 PRIOR TO RIG-UP. PROVIDE 100MM CONCRETE OR 10MM FIRE RATED BOARD, OTHERWISE PROVIDE 24HRS OPERATION FOR THE EXHAUST FAN SYSTEM. COORDINATE WITH DR. 15 PRIOR TO RIG-UP.
16. EXIT SIGNS TO BE SW OR LSW PER FACE.
17. REFER TO SUE PANEL SCHEDULE FOR IN SUITE CLOTHING ARRANGEMENT.
18. COORDINATE LOCATION OF SUE ELECTRICAL, C/T AND SECURITY PANELS WITH THE ARCHITECTURAL DRAWINGS.
19. ALL DWELLING UNIT RECEPTABLES, INCLUDING KITCHEN COUNTER RECEPTABLES, OF GAS CONFIGURATION TO BE PROVIDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) SCHEDULE THAT THE RECEPTABLE IS REQUIRED (NECESSARY), OR THOSE LOCATED IN THE KITCHEN AREA TO BE PROVIDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) SCHEDULE.
20. AT LEAST ONE RECEPTABLE SHALL BE INSTALLED FOR THE MAINTENANCE OF ROOFTOP HVAC EQUIPMENT AS PER RULE 2-314 AND SHALL BE LOCATED WITHIN 7.5m OF ALL SUCH EQUIPMENT AND COMPLY WITH RULES 2-314 AND 2-317.
21. WHERE EXPOSED TO THE WEATHER, RECEPTABLES SHALL BE PROVIDED WITH COVER PLATES SUITABLE FOR WEATHER LOCATIONS WHERE NOT A PLUG IS INSERTED INTO THE RECEPTABLE (N-USE COVER PLATES). RULES 2-314 AND 2-317.
22. EACH BACH CLOSET SURPLYING 120V RECEPTABLES, RATED 20A OR LESS, SHALL BE PROTECTED BY A COMBINATION-TYPE AND/ OR EXCEPT BACH CLOSET SURPLYING.
23. RECEPTABLES ON KITCHEN COUNTERS SHALL BE PROVIDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) SCHEDULE.
24. BATHROOMS/WASHROOMS (PROVIDED THAT NO OTHER RECEPTABLES ARE CONNECTED TO THESE CIRCUITS).
25. FRIDGE, KITCHEN COUNTER, KITCHEN ISLAND AND PENINSULA
26. FLOOR OUTLET BOXES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE TYPE OF OUTLET BOX.
27. CONFIRM VOLTAGE AND SUPPLY OF THERMOSTATS QUANTITY WITH MECHANICAL DRAWINGS. COORDINATE ON SITE.
28. LOW VOLTAGE DRY TYPE TRANSFORMERS (AIR COOLED -600V) TO MEET NOMINAL EFFICIENCY REQUIRED BY

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 "GFC" 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
- GARBAGE COMPACTOR TRISORTER FED FROM DP24
- G/H DOOR OPERATOR FED FROM DPEN21
- DO NOT ENTER SIGNAGE INTERCONNECTED TO FIRE ALARM ECN-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 HP X/V/60) FED FROM XXX
- 15A GFI RECEPTACLE FOR THE IRRIGATION CONTROLLER COORDINATE EXACT LOCATION ON SITE WITH LANDSCAPE DESIGNER
- 1" CONDUIT C/W BULL STRING FROM THE IRRIGATION CONTROLLER TO THE WATER SUPPLY POINT OF CONNECTION OUTSIDE THE BUILDING. COORDINATE EXACT LOCATION ON SITE WITH LANDSCAPE DESIGNER (TYPICAL)
- SPARE
- SPARE
- VANDAL PROOF SANITARY SUMP PIT C/W "P-8" (DUPLEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL
- VANDAL PROOF STORM SUMP PUMP C/W "P-9" (DUPLEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL
- GARBAGE EXHAUST FAN "T-11" (5HP 600/3/60) PROVIDE VANDAL PROOF CONTROL EQUIPMENT TO BE INTERLOCKED WITH CO SYSTEM
- REFER TO DETAIL
- 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
- 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 (TYPICAL)
- DRUM DRIP ELECTRICALLY TRACED & INSULATED (TYPICAL)
- TOP OF STAIR
- SMOKE DETECTOR HOSE BIBB INSULATE & ELECTRICALLY TRACE EXPOSED PIPING THRU OUT TO BE FED FROM PANEL "ET"
- 20W NON FREEZE HOSE BIBB INSULATE & ELECTRICALLY TRACE EXPOSED PIPING THRU OUT TO BE FED FROM PANEL "ET"
- GFI OUTLET FOR WATER SOFTENER EXACT LOCATION TO BE COORDINATED ON SITE
- VERTICAL STORM PIPES, INSULATE & ELECTRICALLY TRACE, FED FROM PANEL "ET"

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.

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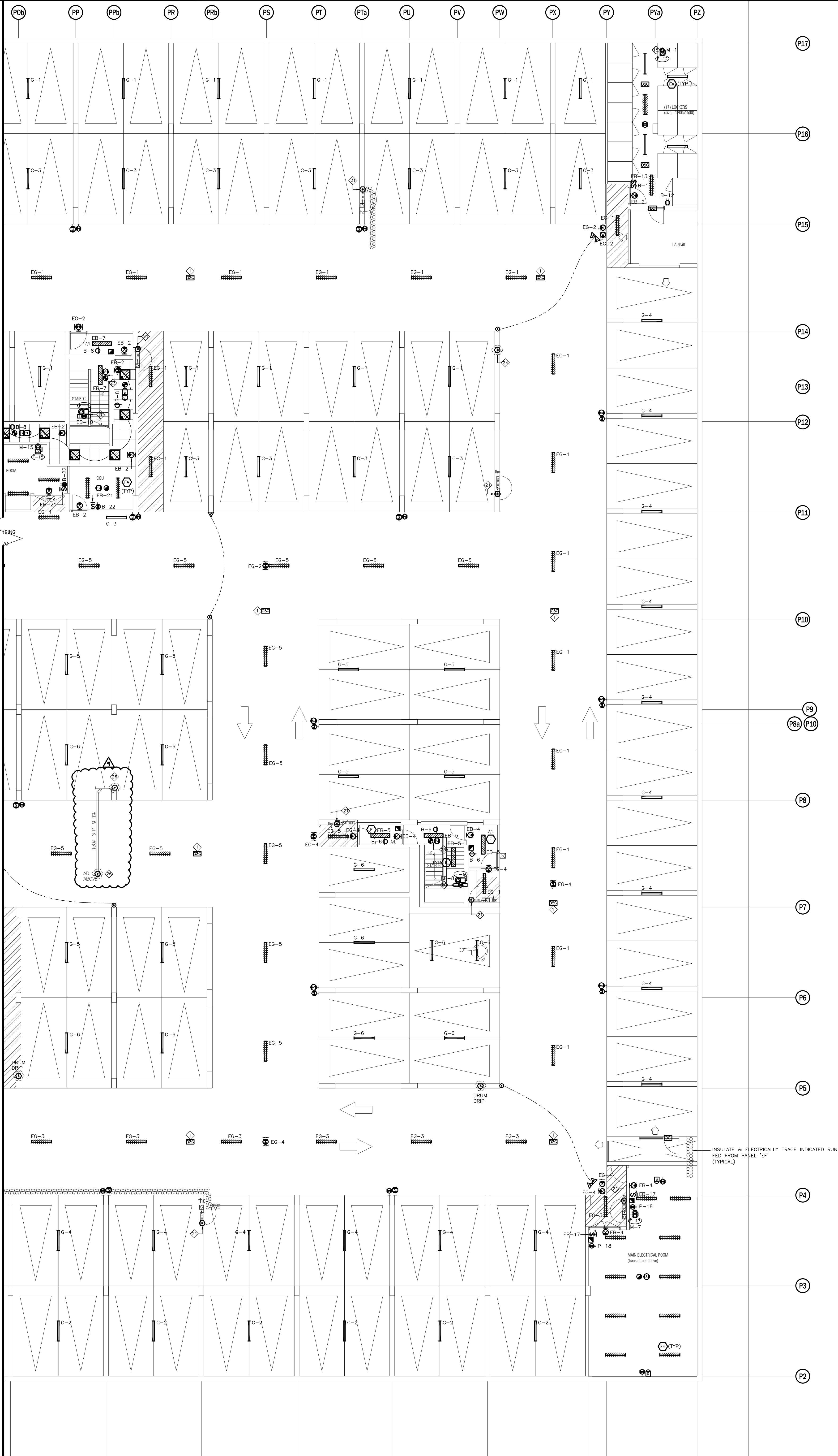
TITLE
**PARKING P1 LEVEL - A
ELECTRICAL**

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

**ROYAL PINE HOMES
STOUFFVILLE, ONTARIO**

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

FOR CONTINUATION REFER TO DWG. E-2A

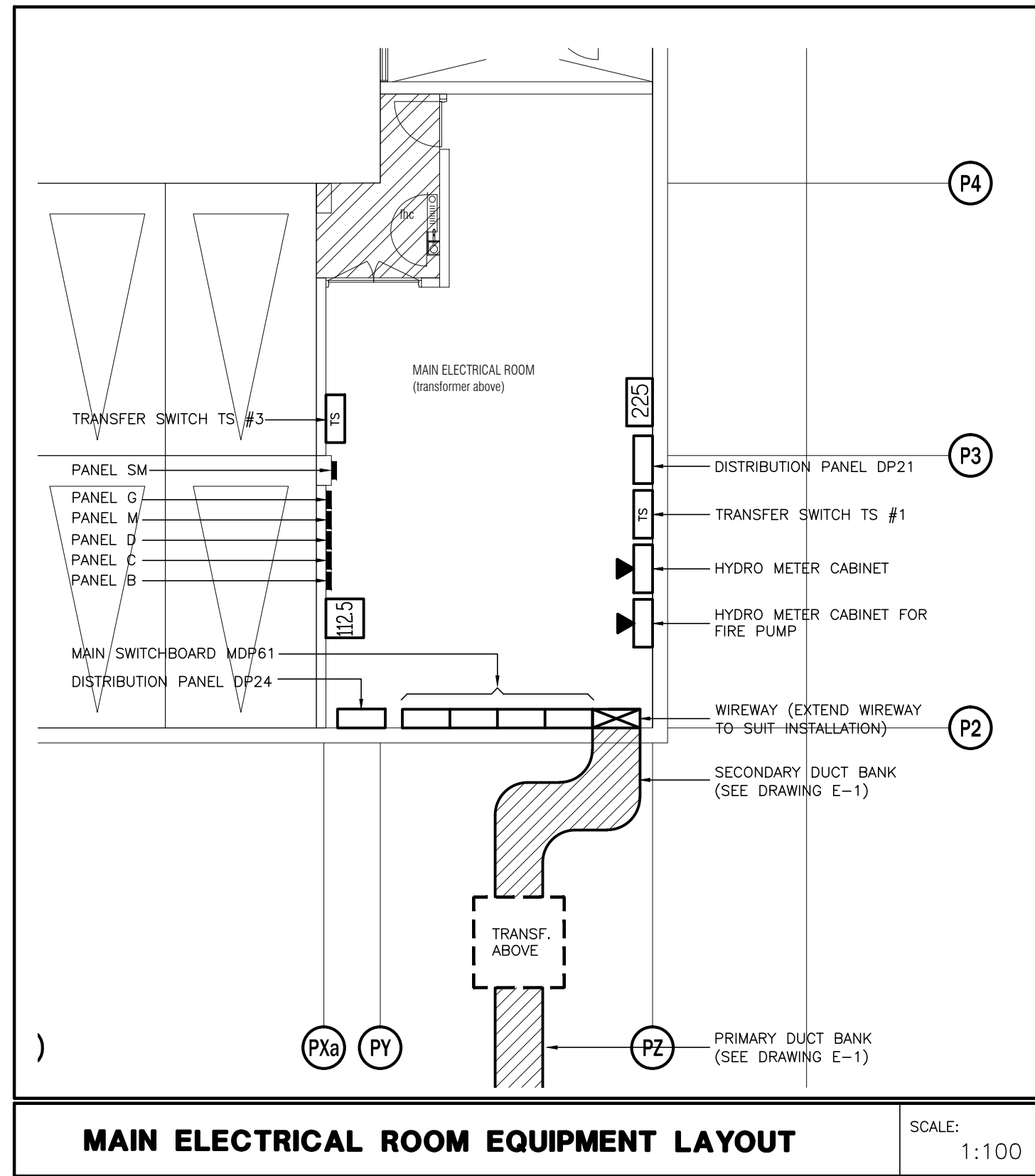
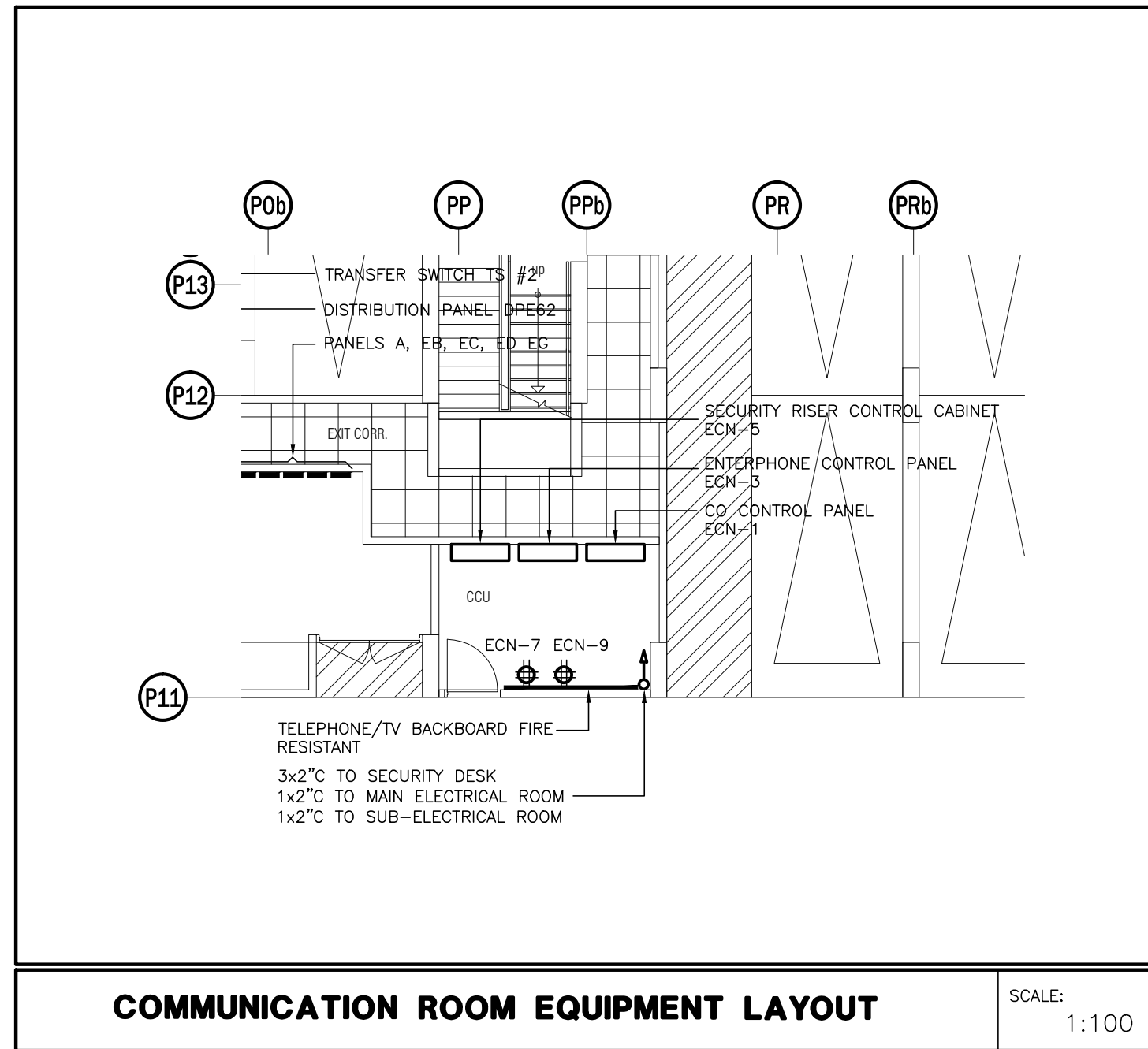
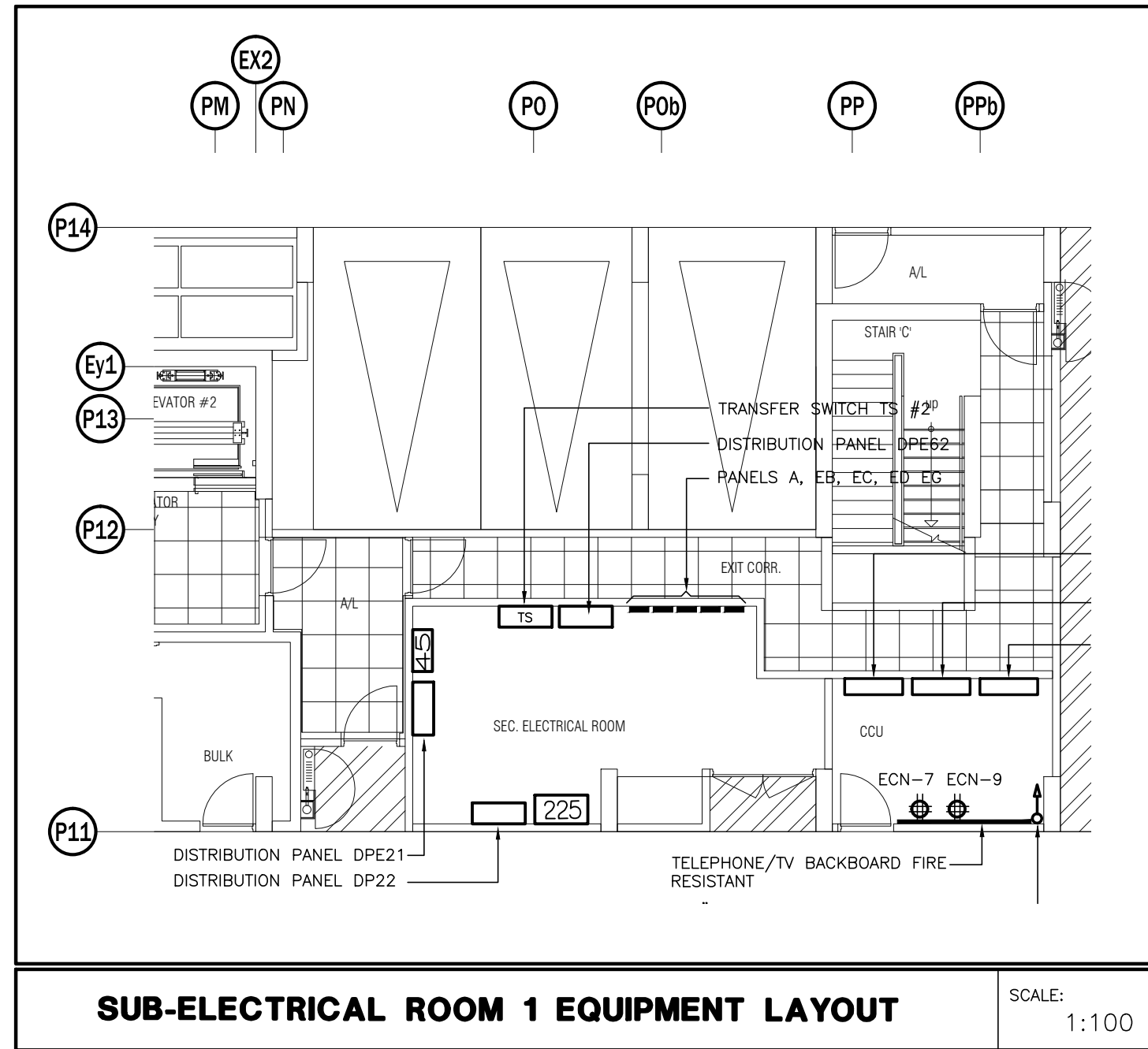
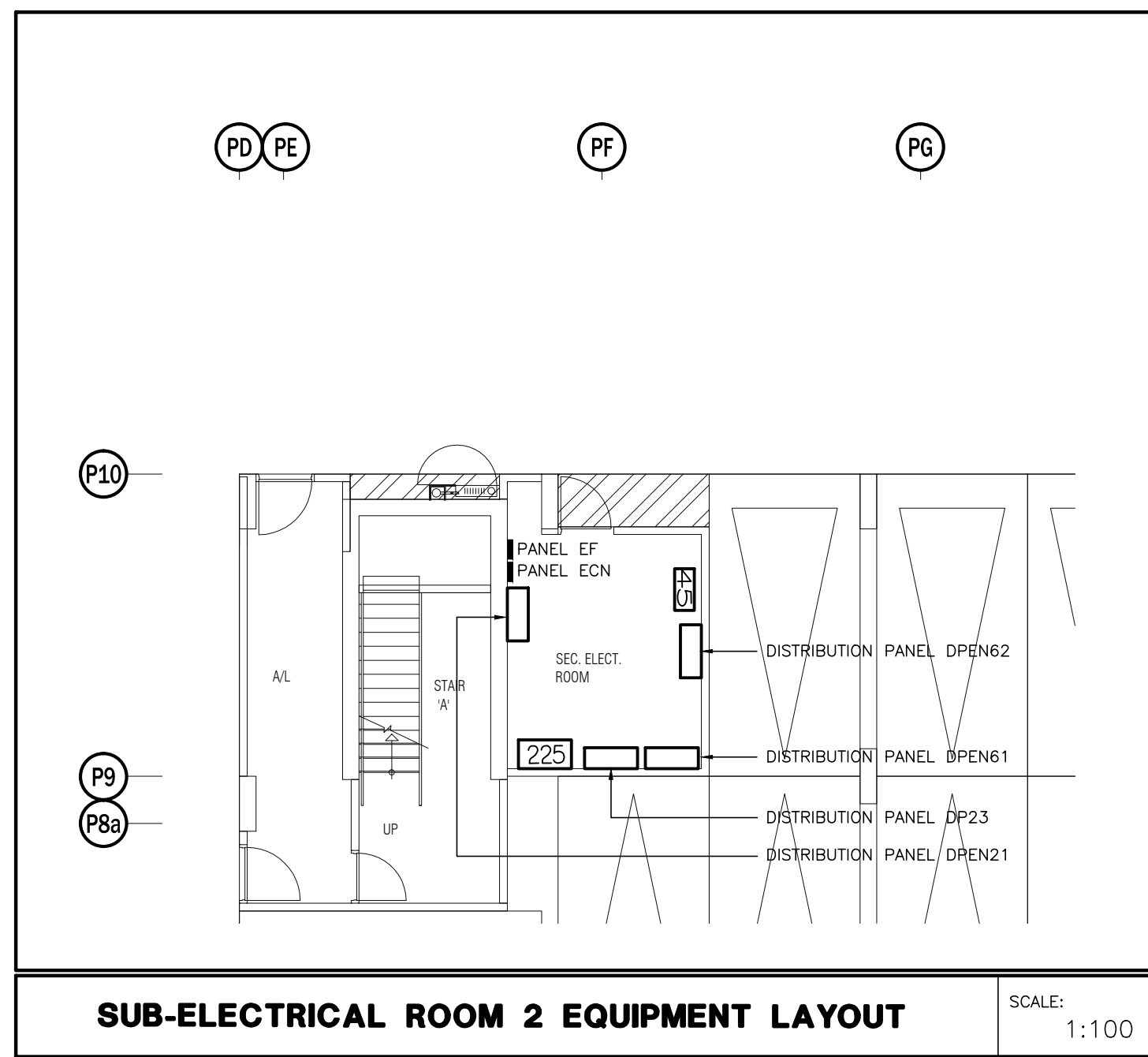


KEY NOTES:

- ◇ WHEN CONNECTING GARAGE LIGHTS TO "OSC" EACH SENSOR TO BE AS A LIGHT BAY FOR NORMAL LIGHTS. EMERGENCY LIGHTS NOT CONNECTED TO SENSORS AND REMAIN ON AT ALL TIMES.
- ◇ CO AUDIO/VISUAL INDICATOR
- ◇ SMOKE DETECTOR ELEVATOR RECALL CO-ORDINATE WITH ELEVATOR CONTRACTOR
- ◇ SDA TRISORTER CONTROL PANEL
- ◇ GARAGE COMPACTOR TRISORT FED FROM DP24
- ◇ O/H DOOR OPERATOR FED FROM DPEN21
- ◇ 'DO NOT ENTER' SIGNAGE INTERCONNECTED TO FIRE ALARM ECN-2
- ◇ O/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 HP X/X/60) FED FROM XXX
- ◇ 15A GFI RECEPTACLE FOR THE IRRIGATION CONTROLLER COORDINATE EXACT LOCATION ON SITE WITH LANDSCAPE DESIGNER
- ◇ 1" CONDUIT C/W PULL STRING FROM THE IRRIGATION CONTROLLER TO THE WATER SUPPLY POINT OF CONNECTION OUTSIDE THE BUILDING. COORDINATE EXACT LOCATION ON SITE WITH LANDSCAPE DESIGNER (TYPICAL)
- ◇ SPARE
- ◇ SPARE
- ◇ VANDAL PROOF SANITARY SUMP PIT C/W 'P-8' (DUPLEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL FED FROM DPEN2
- ◇ VANDAL PROOF STORM SUMP PUMP C/W 'P-9' (DUPLEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL FED FROM DPEN2
- ◇ GARAGE EXHAUST FAN 'F-11' (5HP 600/3/60) PROVIDE VANDAL PROOF CONTROL EQUIPMENT TO BE INTERLOCKED WITH CO SYSTEM FED FROM DPEN2 (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 ECN-15
- ◇ LOWER STAIR PRESSURIZATION FAN C/W DUCT SMOKE DETECTOR AND FIRE ALARM ZONE
- ◇ EB-8 (STAIR A)
- ◇ EB-9 (STAIR B)
- ◇ EB-10 (STAIR C)
- ◇ INSULATE AND ELECTRICALLY TRACE EXPOSED PIPING FED FROM PANEL 'EF' (TYPICAL)
- ◇ DRUM DRIP ELECTRICALLY TRACED & INSULATED FED FROM PANEL 'EF' (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 FED FROM PANEL 'EF' (TYPICAL)
- ◇ GFI OUTLET FOR WATER SOFTENER EXACT LOCATION TO BE COORDINATED ON SITE
- ◇ VERTICAL STORM PIPES INSULATE & ELECTRICALLY TRACE FED FROM PANEL 'EF' (TYPICAL)

NOTES:

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.



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 ISA COMMENTS AND FOR CLARIFICATION	2016-05-19
01	CM	ISSUED FOR TENDER	2016-03-15

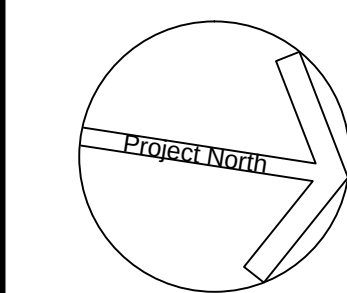
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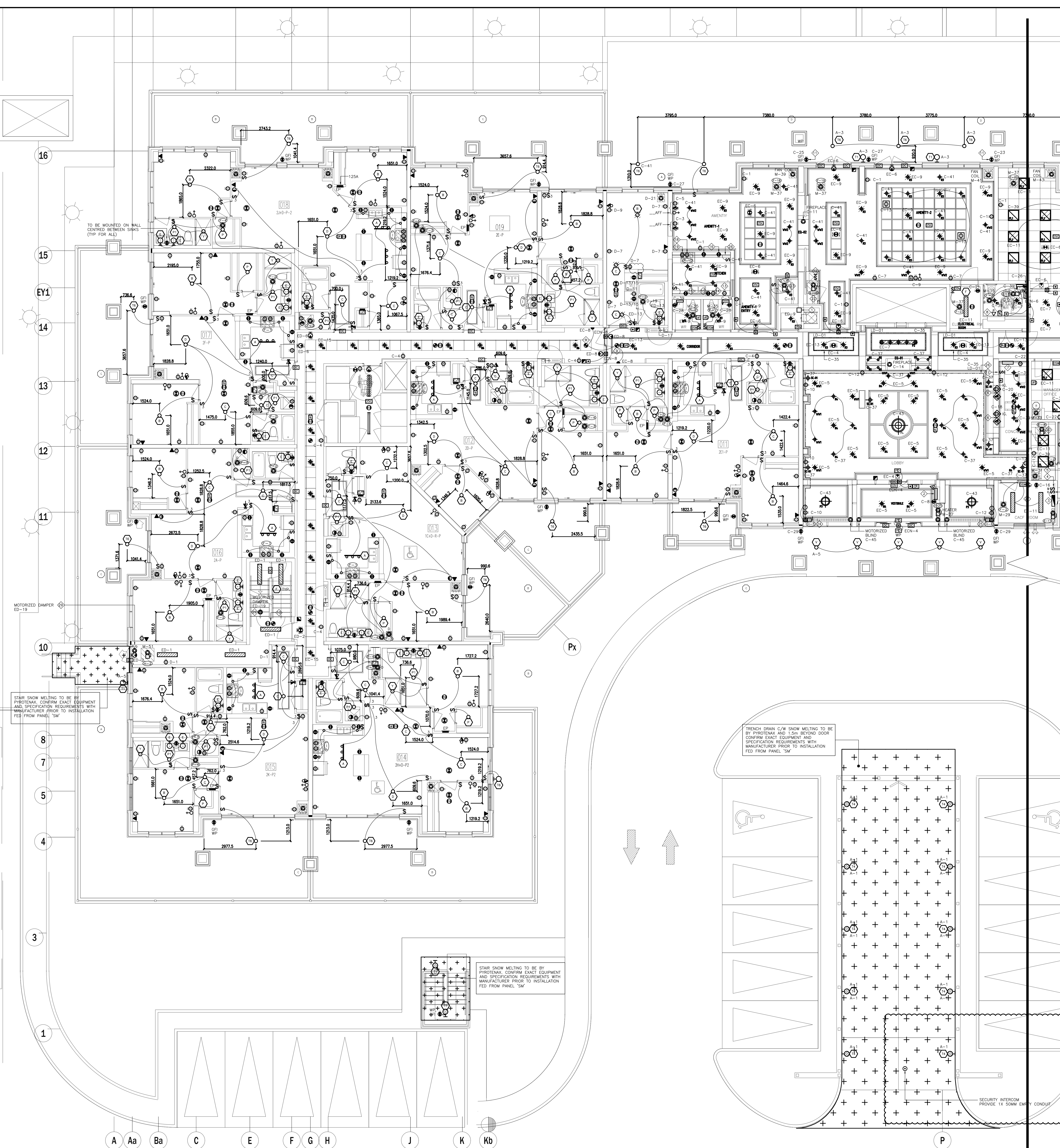
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TITLE		PARKING P1 LEVEL - B ELECTRICAL			
PROJECT		PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.			
		ROYAL PINE HOMES STOUFFVILLE, ONTARIO			
DRAWN	CM	CHECKED	MG	SCALE	1:100
DATE		PROJECT		DRAWING	E-2B
SEPT. 2015		14-016		OF	12



- 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, 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 CACF FIRE ALARM CONTROL PANEL
 - 4 KEY SWITCH ELEVATOR RECALL CO-ORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR
 - 5 FIRE ALARM MASTER OPERATION SWITCH FOR FIRE DEPARTMENT MASTER CONTROL
 - 6 CONFIRM POWER AND COMMUNICATION REQUIREMENTS AT CONCIERGE DESK WITH CLIENT. PROVIDE 4x2" CONDUIT TO COMMUNICATION ROOM
 - 7 BUILDING STATUS ANNUNCIATOR PANEL
 - 8 EMERGENCY BUTTON C/W INTERCONNECTION TO CONCIERGE
 - 9 DOOR HOLD OPEN DEVICE INTERCONNECTED TO FIRE ALARM SYSTEM TO RELEASE UPON ACTIVATION OF FIRE ALARM SYSTEM INTERCONNECTED TO LOCALIZED SMOKE DETECTORS
 - 10 TOP OF STAIR
 - 11 SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
 - 12 GFI WATERPROOF BLD RECEPTACLE TO BE INSTALLED AT LEAST 1M AWAY FROM GAS CONNECTION. COORDINATE EXACT LOCATION ON SITE (TYPICAL FOR 2)
 - 13 FIREPLACE'S CONTROL REQUIREMENT AND LOCATION TBC
 - 14 FRIDGE
 - 15 DISHWASHER
 - 16 SPLIT COUNTER RECEPTACLES
 - 17 SPLIT COUNTER RECEPTACLES
 - 18 NO USE
 - 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 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 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 SYSTEMS
 - 12. CONTROLS TO INIATE 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
15	SP	REVISED AS PER SI E-21	2018-03-22
14	SP	REVISED AS PER SI E-18	2018-03-08
13	CM	REVISED AS PER SI E-17	2017-12-19
12	CM	REVISED AS PER SI E-14	2017-11-17
11	CM	REVISED AS PER SI E-13	2017-10-18
10	CM	REVISED AS PER SI E-10	2017-09-12
09	CM	REVISED AS PER SI E-8	2017-08-29
08	CM	REVISED AS PER SI E-4	2017-08-17
07	CM	REVISED AS PER SI E-3	2017-08-11
06	CM	ISSUED FOR CONSTRUCTION	2017-08-09
05	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
04	CM	ISSUED FOR PERMIT	2016-12-28
03	CM	REVISED AS PER ADD E-1	2016-12-12
02	CM	REVISED AS PER ESA COMMENTS AND FOR CLARIFICATION	2016-05-19
01	CM	ISSUED FOR TENDER	2016-03-15

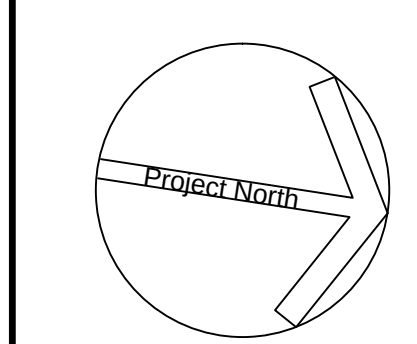
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TITLE	GROUND FLOOR PLAN - A ELECTRICAL		
PROJECT	PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
	ROYAL PINE HOMES STOUFFVILLE, ONTARIO		
DRAWN	CM	CHECKED	MG
DATE	SEPT. 2015	PROJECT	14-016
		SCALE	1:75
		DRAWING	E-3A
		OF	12

FOR CONTINUATION REFER TO DWG. E-3A



SUITES' KEY NOTES (TYPICAL)

- DOOR CONTACT
- SUITE INTRUSION ALARM AND KEYPAD WITH DIGITAL DISPLAY
- 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, 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)
- UNDER COUNTER LIGHTING TYPE TO BE CONFIRMED BY CLIENT
- 250V, 18, 4W, 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/COMBINATION MONOXIDE COMBO DETECTOR (FOR 1ST, 2ND, 3RD, 4TH AND 7TH FLOORS)
- ALL DETECTORS WITHIN SAME SUITE TO BE INTERCONNECTED AND HAVE A VISUAL SIGNALING COMPONENT IN ACCORDANCE WITH CBC
- DIRECT CONNECTION FOR VERTICAL FAN COIL UNIT. REFER TO MECHANICAL DRAWING FOR MORE DETAILS
- 120V U-GROUND DUPLEX GFI RECEPTACLE FOR WASHROOM
- 120V, 15A, RECEPTACLE FOR WASHER
- 250V, 10, 4W, 30A, RECEPTACLE FOR DRYER. CONNECT TO 3/8" BX OR 3/8" THW-19MM CONDUIT
- WALL MOUNTED TV OUTLET
- DIRECT CONNECTION FOR DRYER EXHAUST FAN
- DIRECT CONNECTION FOR WASHROOM EXHAUST FAN
- FLUSH MOUNTED SUITE SERVICE PANEL. SEE DRAWING E-16 FOR SUITE PANEL SCHEDULE
- 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 FLOORS)

NOTES:

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

GENERAL KEY NOTES

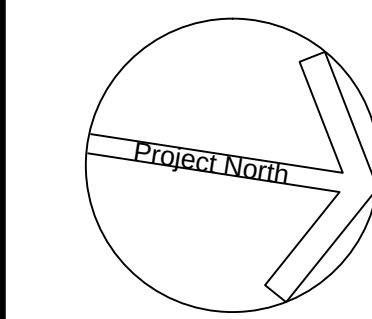
- JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
- ENTERPHONE PANEL C/W TIE INTO BUILDING CCTV SYSTEM, CARD READER, INTERCOM, AND SYSTEM DIALER
- CACF FIRE ALARM CONTROL PANEL
- KEY SWITCH ELEVATOR RECALL CO-ORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR
- FIRE ALARM MASTER OPERATION SWITCH FOR FIRE DEPARTMENT MASTER CONTROL
- CONFIRM POWER AND COMMUNICATION REQUIREMENTS AT CONCIERGE DESK WITH CLIENT. PROVIDE 4x2" CONDUIT TO COMMUNICATION ROOM
- BUILDING STATUS ANNUNCIATOR PANEL
- EMERGENCY BUTTON C/W INTERCONNECTED 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 BRD 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
- NO USE.
- MICRO/FAN
- C-46
- STOVE
- C-48/50
- 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-4
- 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 EVERY 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 INFLATE 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.
- 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, CONCIERGE AND CORRIDORS. REFER TO THE INTERIOR DESIGNER'S DRAWINGS FOR EXACT LOCATION, REQUIREMENTS, MOUNTING HEIGHT AND LIGHTING SPECIFICATION.

NO.	BY	DESCRIPTION	DATE
15	SP	REVISED AS PER SI E-28	2018-08-10
14	SP	REVISED AS PER SI E-26	2018-07-10
13	SP	REVISED AS PER SI E-21	2018-03-22
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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TITLE
**GROUND FLOOR PLAN - B
ELECTRICAL**

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

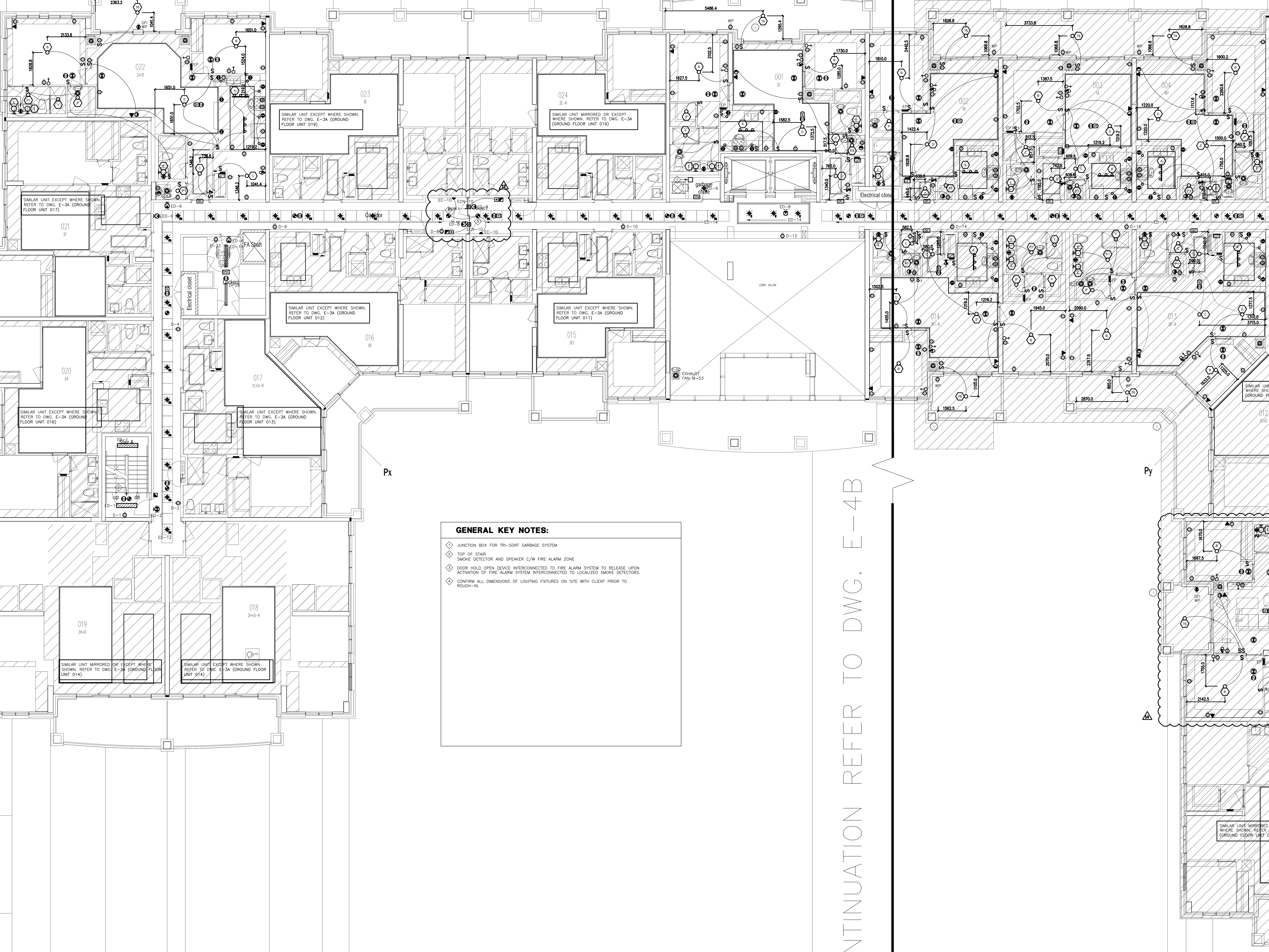
**ROYAL PINE HOMES
STOUFFVILLE, ONTARIO**

DRAWN	CM	CHECKED	MG	SCALE	1:75
DATE	SEPT. 2015	PROJECT	14-016	DRAWING	E-3B
				OF	12

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TO BE MOUNTED ON WALL
CONTROL BETWEEN SINKS
(TYP FOR ALL)



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.

FOR CONTINUATION REFER TO DWG. E-4B

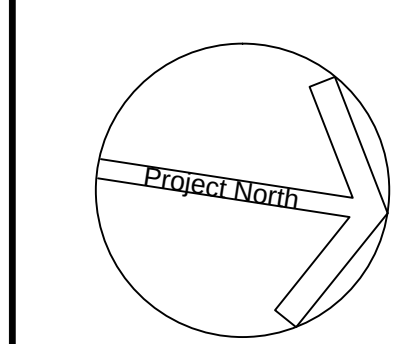
NO.	BY	DESCRIPTION	DATE
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11	CM	REVISED AS PER SI E-13	2017-10-18
10	CM	REVISED AS PER SI E-12	2017-10-11
09	CM	REVISED AS PER SI E-3	2017-08-11
08	CM	ISSUED FOR CONSTRUCTION	2017-08-09
07	CM	PROGRESS FOR CONSTRUCTION	2017-07-18
06	CM	ISSUED FOR PERMIT	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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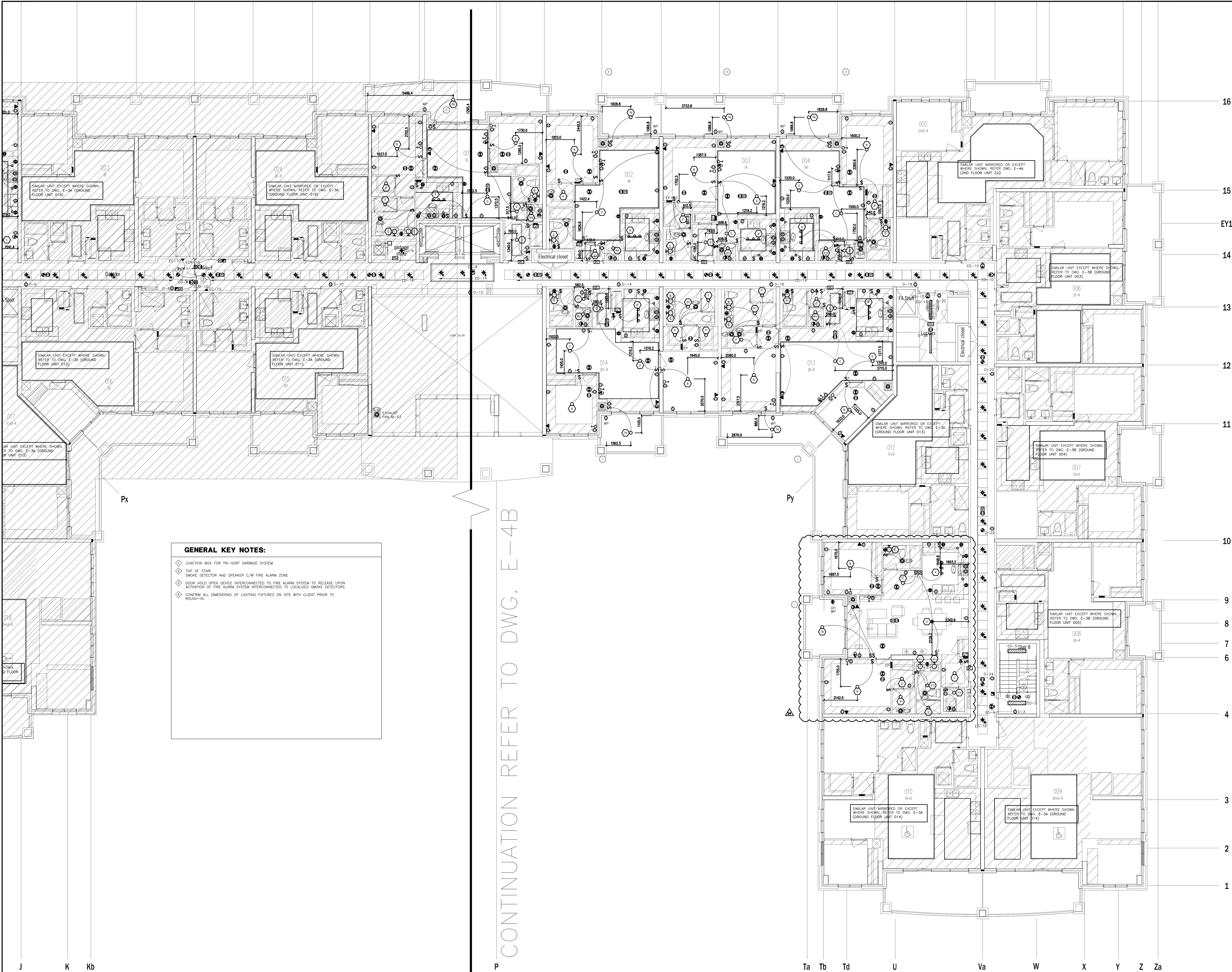
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TITLE 2ND FLOOR PLAN - A ELECTRICAL		
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
LOCATION ROYAL PINE HOMES STOUFFVILLE, ONTARIO		
DRAWN CM	CHECKED MG	SCALE 1:75
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-4A OF 12



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.

NO.	BY	DESCRIPTION	DATE
14	SP	REVISED AS PER SI E-20	2018-03-13
13	CM	REVISED AS PER SI E-12	2017-10-11
12	CM	REVISED AS PER SI E-10	2017-09-12
11	CM	REVISED AS PER SI E-9	2017-08-31
10	CM	REVISED AS PER SI E-4	2017-08-17
09	CM	REVISED 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

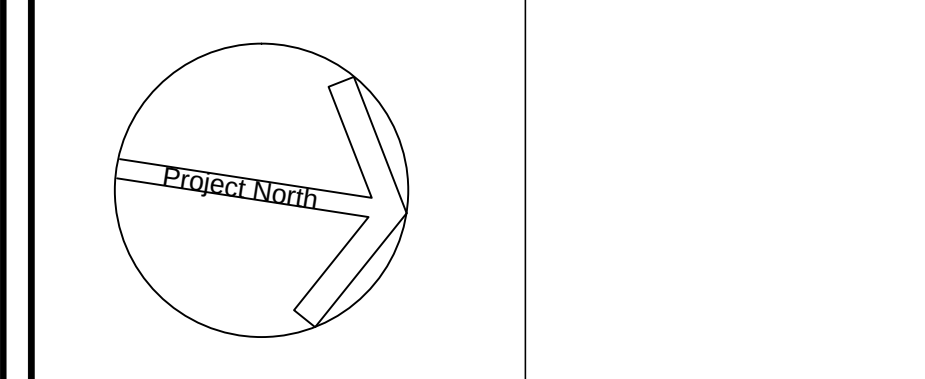
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TITLE 2ND FLOOR PLAN - B ELECTRICAL		
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.		
ROYAL PINE HOMES STOUFFVILLE, ONTARIO		
DRAWN CM	CHECKED MG	SCALE 1:75
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-4B OF 12

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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
- ◆ DOOR HOLD OPEN DEVICE INTERCONNECTED TO FIRE ALARM SYSTEM TO RELEASE UPON ACTUATION 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.
- ◆ CEILING MOUNTED 120V SMOKE ALARM/CARBON MONOXIDE COMBO DETECTOR IN ALL SUITES ON 3RD FLOOR.
- ◆ CEILING MOUNTED 120V SMOKE ALARM DETECTOR IN ALL SUITES ON 4TH AND 5TH FLOORS

FOR CONTINUATION REFER TO DWG. E-5B

NO.	BY	DESCRIPTION	DATE
12	CM	REVISED AS PER SI E-14	2017-11-17
11	CM	REVISED AS PER SI E-12	2017-10-11
10	CM	REVISED AS PER SI E-6	2017-08-28
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 ADDENDUM 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

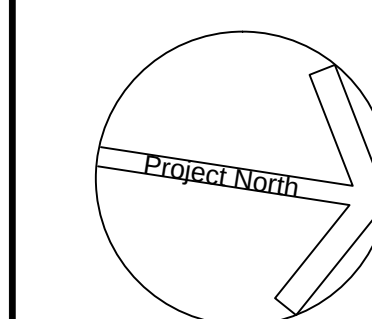
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Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE
**3RD-5TH FLOOR PLANS - 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-5A
		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
11	SP	REVISED AS PER SI E-18	2018-03-08
10	CM	REVISED AS PER SI E-14	2017-11-17
09	CM	REVISED AS PER SI E-12	2017-10-11
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

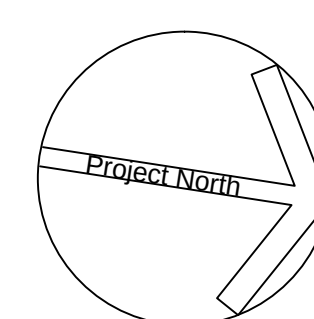
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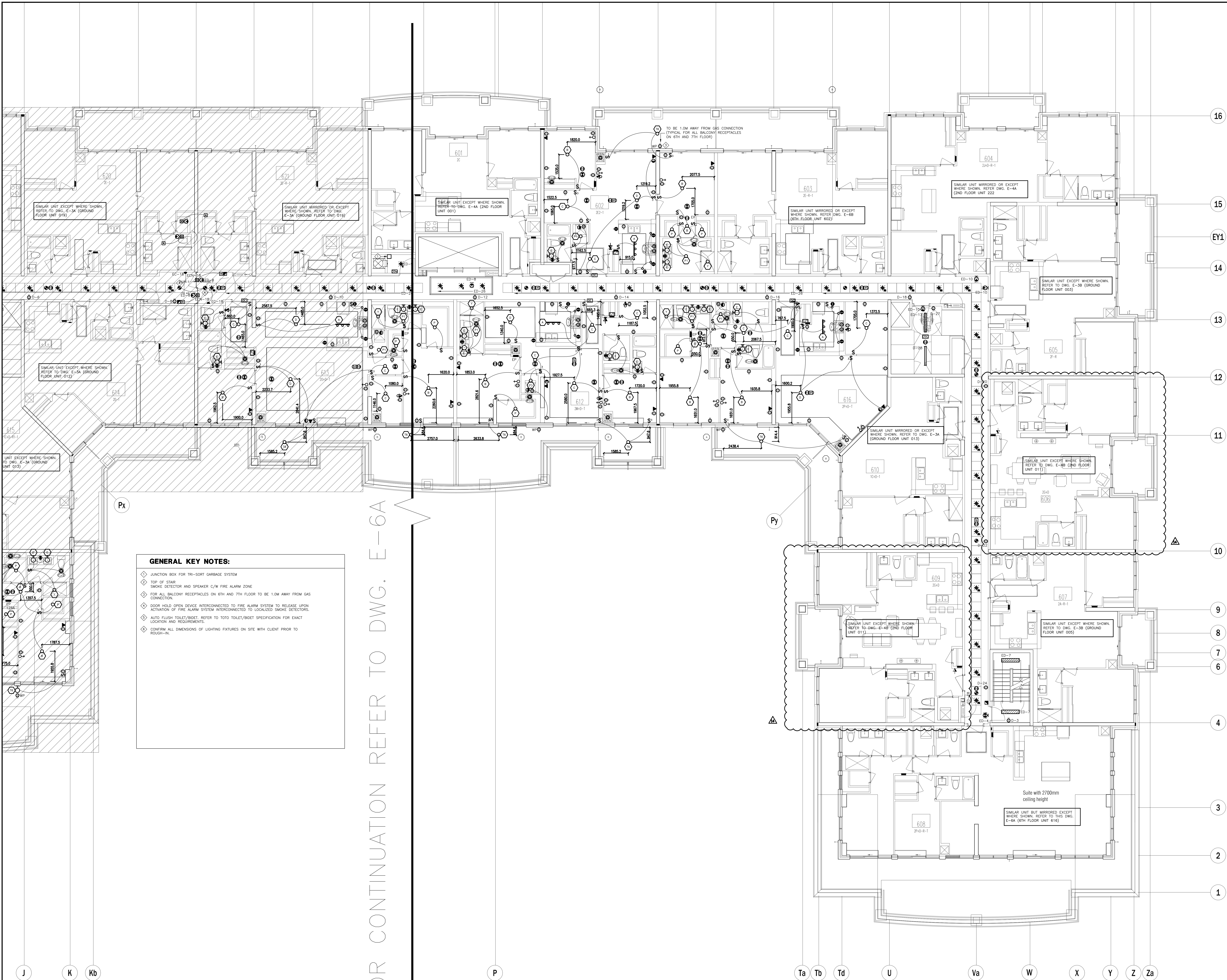
United Engineering Inc.
Mechanical Electrical Consulting Engineers
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TITLE
**6TH FLOOR PLAN - A
ELECTRICAL**

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



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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 TOTO TOILET/BIDET SPECIFICATION FOR EXACT LOCATION AND REQUIREMENTS.
- ◇ CONFIRM ALL DIMENSIONS OF LIGHTING FIXTURES ON SITE WITH CLIENT PRIOR TO ROUGH-IN.

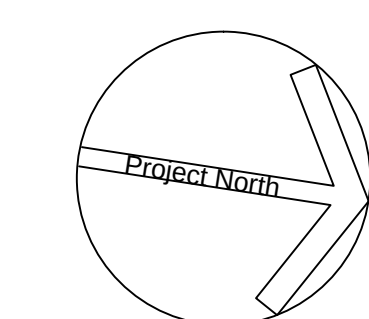
NO.	BY	DESCRIPTION	DATE
14	SP	REVISED AS PER SI E-20	2018-03-13
13	SP	REVISED AS PER SI E-18	2018-03-08
12	CM	REVISED AS PER SI E-14	2017-11-17
11	CM	REVISED AS PER SI E-12	2017-10-11
10	CM	REVISED AS PER SI E-10	2017-09-12
09	CM	REVISED AS PER SI E-9	2017-08-31
08	CM	REVISED AS PER SI E-4	2017-08-17
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 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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3345 Reels Street, Suite 105,
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Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE	6TH 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-6B
		OF	12

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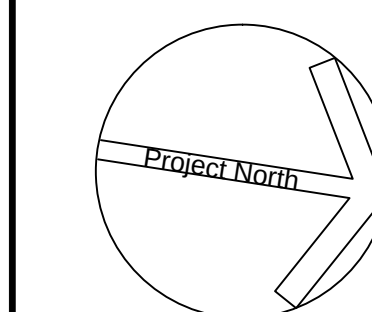
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FOR CONTINUATION REFER TO DWG. E-7B

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.



United Engineering Inc.
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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	SCALE 1:75
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-7A OF 12

NO.	BY	DESCRIPTION	DATE
12	SP	REVISED AS PER SI E-27	2018-07-12
11	CM	REVISED AS PER SI E-14	2017-11-17
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

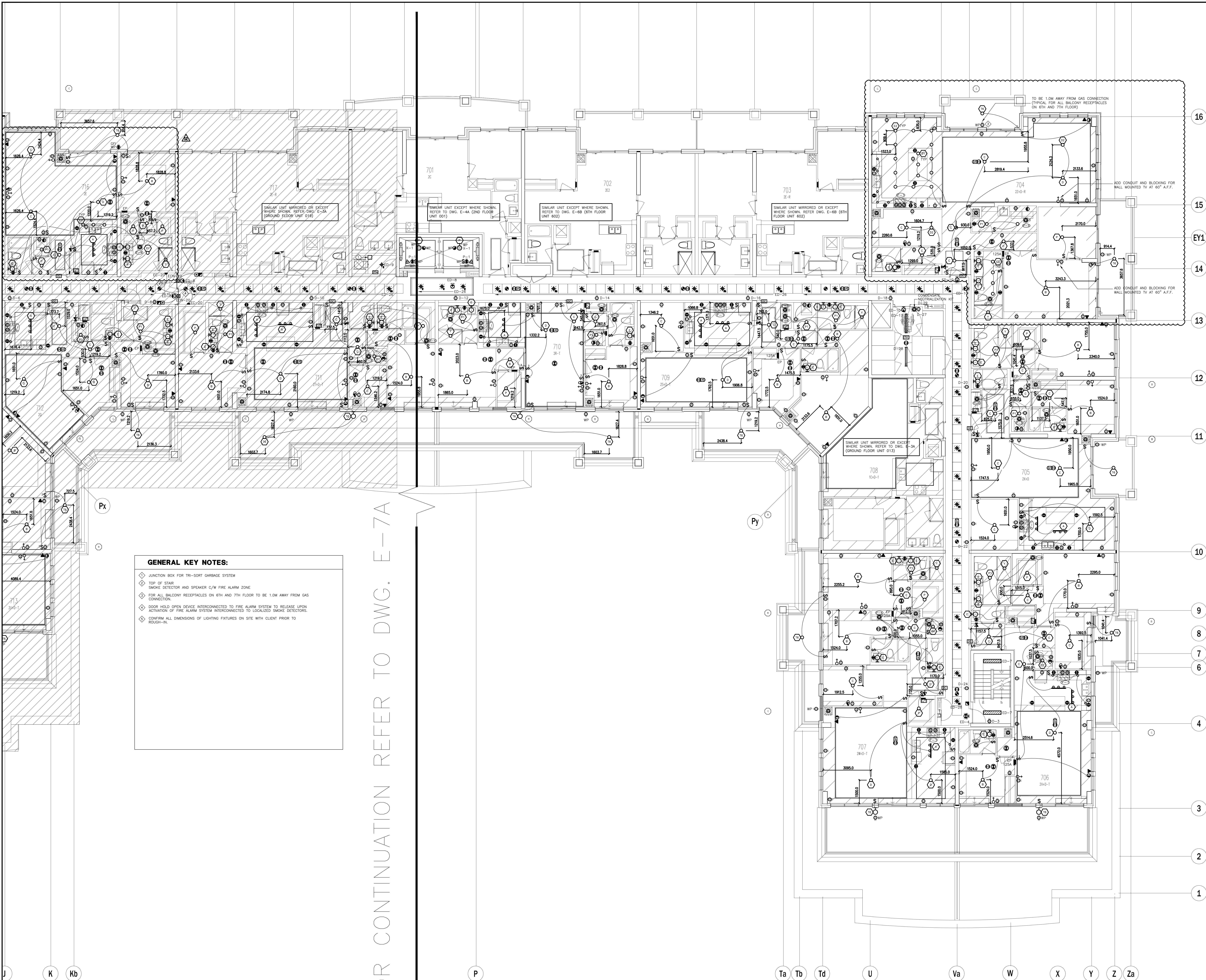
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GENERAL KEY NOTES:

- ◆ 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
12	SP	REVISED AS PER SI E-23	2018-06-08
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

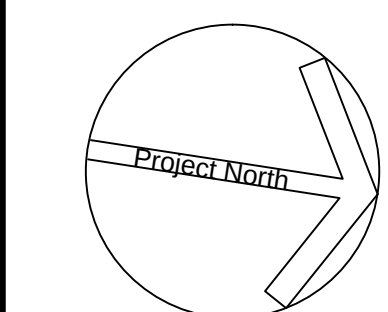
REVISIONS

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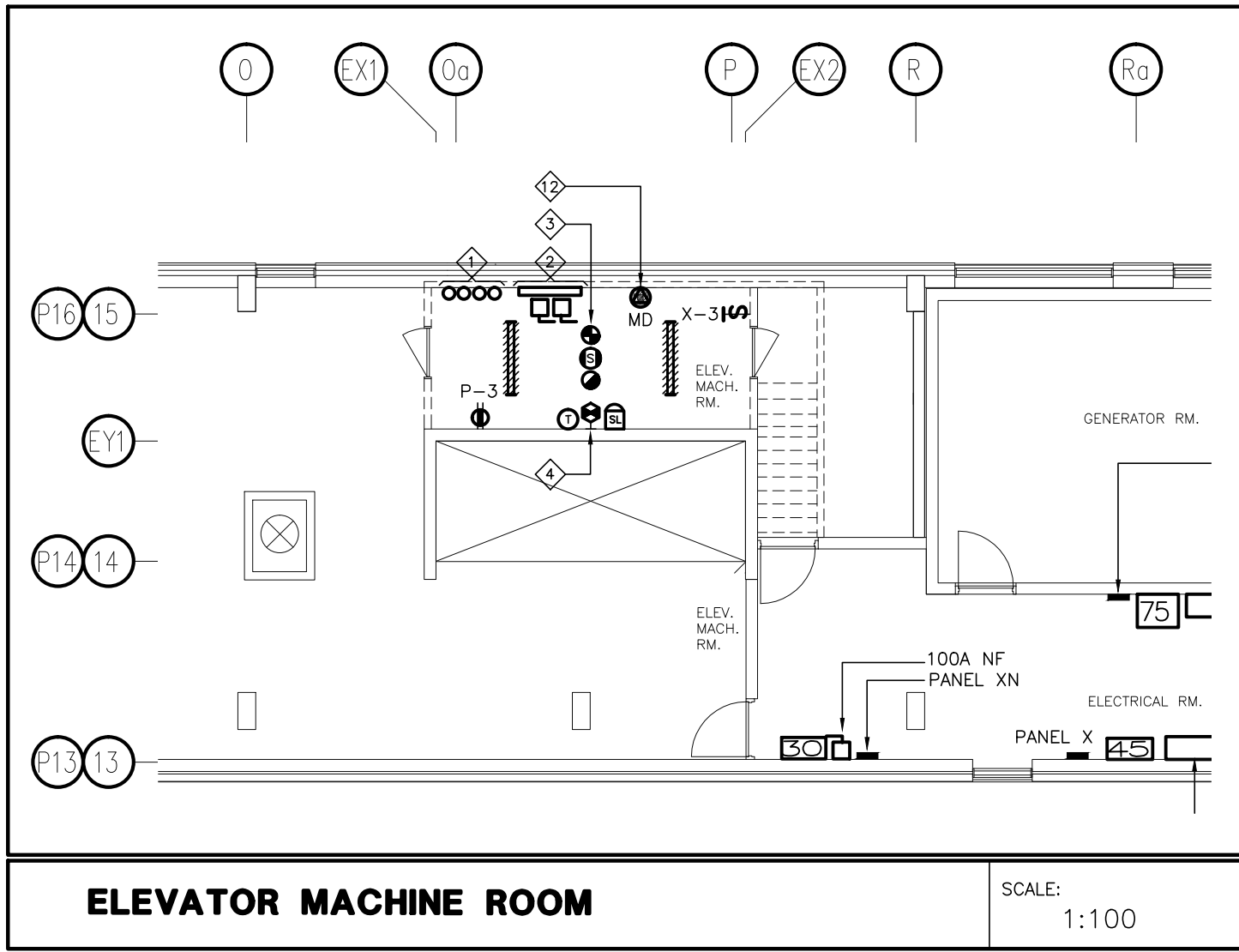
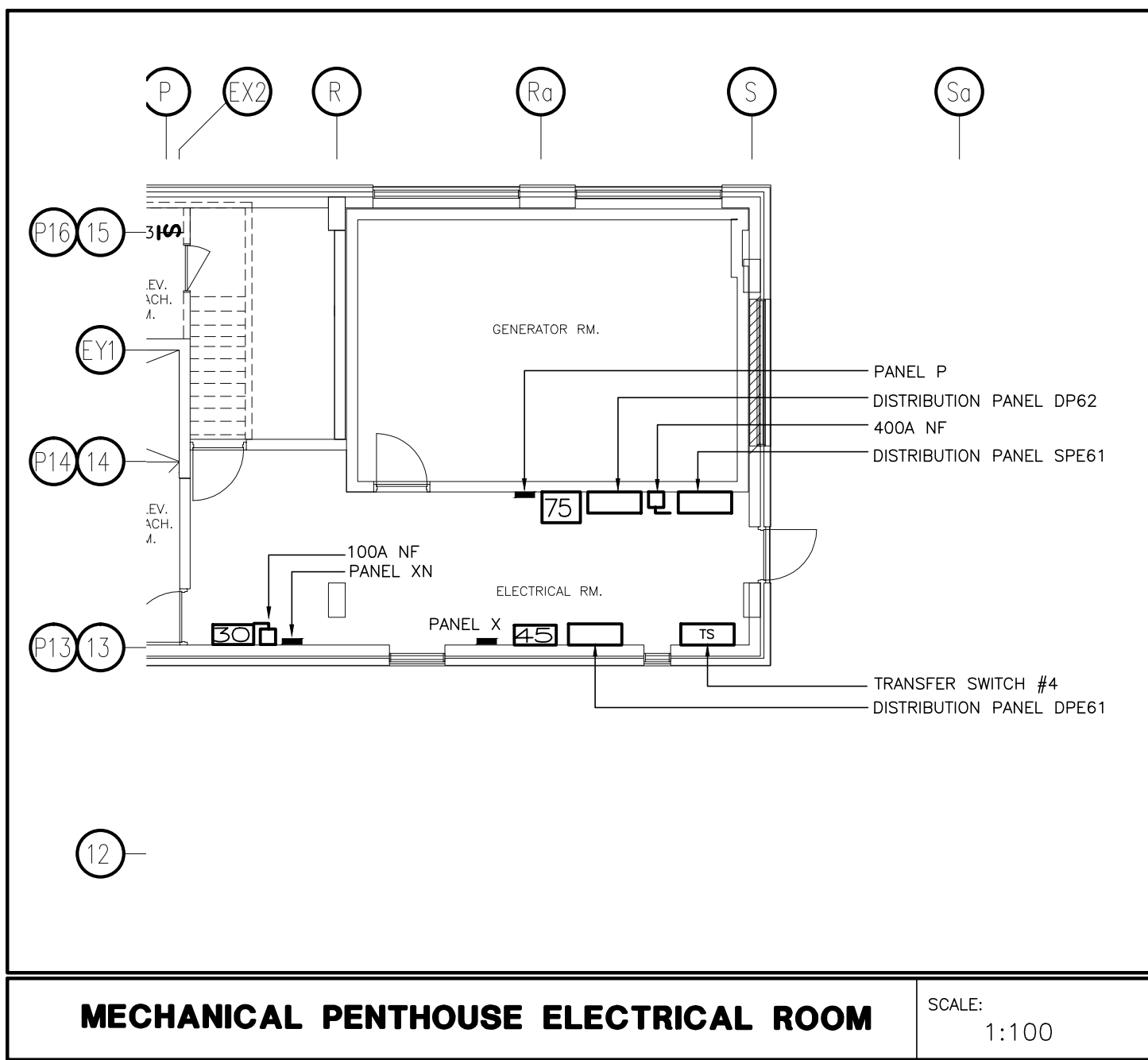
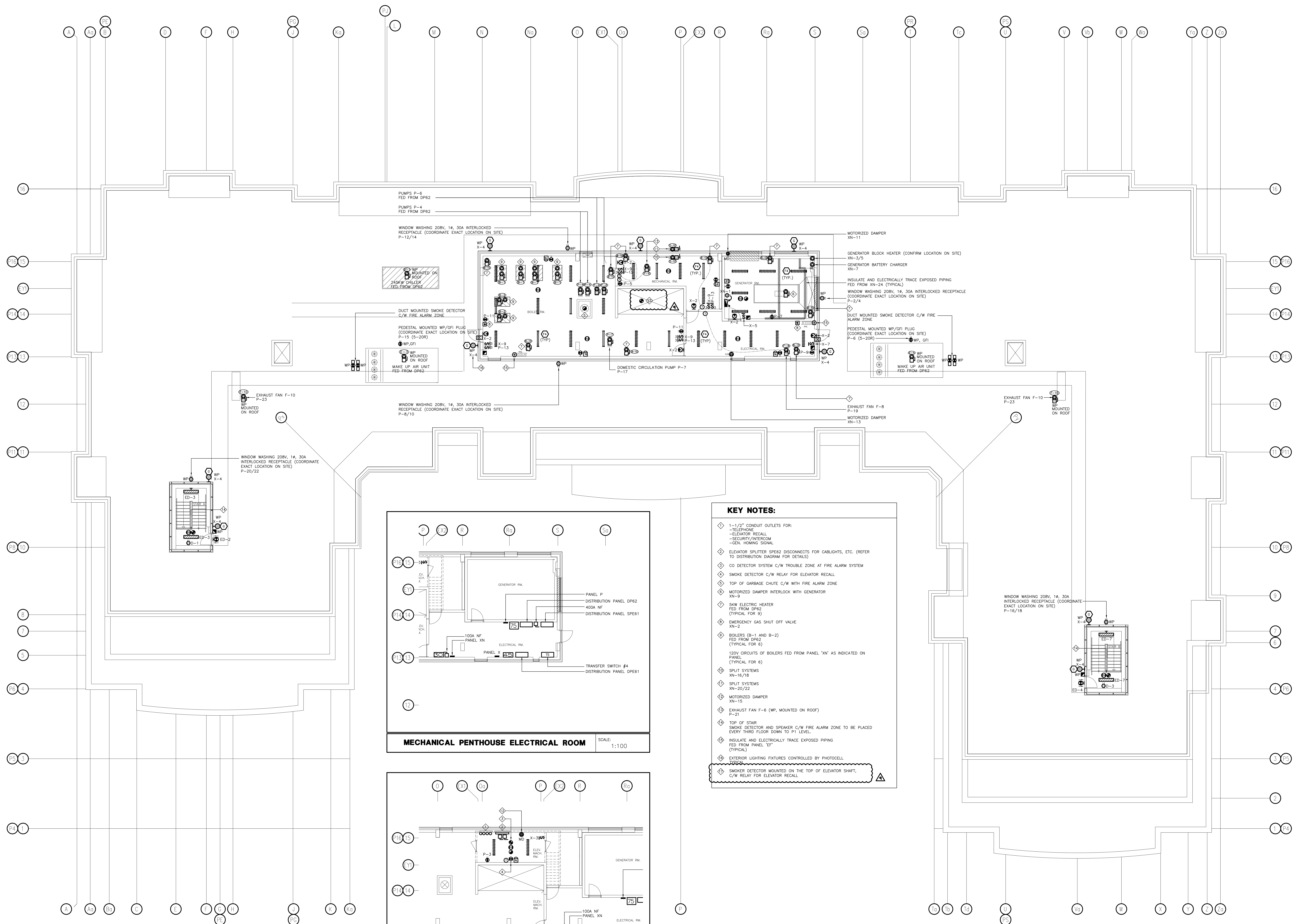
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Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE					
7TH FLOOR PLAN - 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-7B	
				OF	
				12	



- KEY NOTES:**
- 1-1/2" CONDUIT OUTLETS FOR:
 - TELEPHONE
 - ELEVATOR RECALL
 - SECURITY/INTERCOM
 - GEN. HOISTING SIGNAL
 - ELEVATOR SPLITTER SPE62 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 DP62 (TYPICAL FOR 6)
 - 120V CIRCUITS OF BOILERS FED FROM PANEL "XN" AS INDICATED ON PANEL (TYPICAL FOR 6)
 - SPLIT SYSTEMS XN-16/18
 - SPLIT SYSTEMS XN-20/22
 - MOTORIZED DAMPER XN-15
 - 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)
 - EXTERIOR LIGHTING FIXTURES CONTROLLED BY PHOTOCELL
 - SMOKE DETECTOR MOUNTED ON THE TOP OF ELEVATOR SHFT, C/W RELAY FOR ELEVATOR RECALL

NO.	BY	DESCRIPTION	DATE
09	SP	REVISED AS PER SI E-30	2018-10-01
08	SP	REVISED AS PER SI E-25	2018-06-20
07	SP	REVISED AS PER SI E-23	2018-05-03
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

NO.	BY	DESCRIPTION	DATE
01	CM	ISSUED FOR TENDER	2016-03-15

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3645 Keele Street, Suite 105,
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TITLE
MECHANICAL PENTHOUSE ELECTRICAL

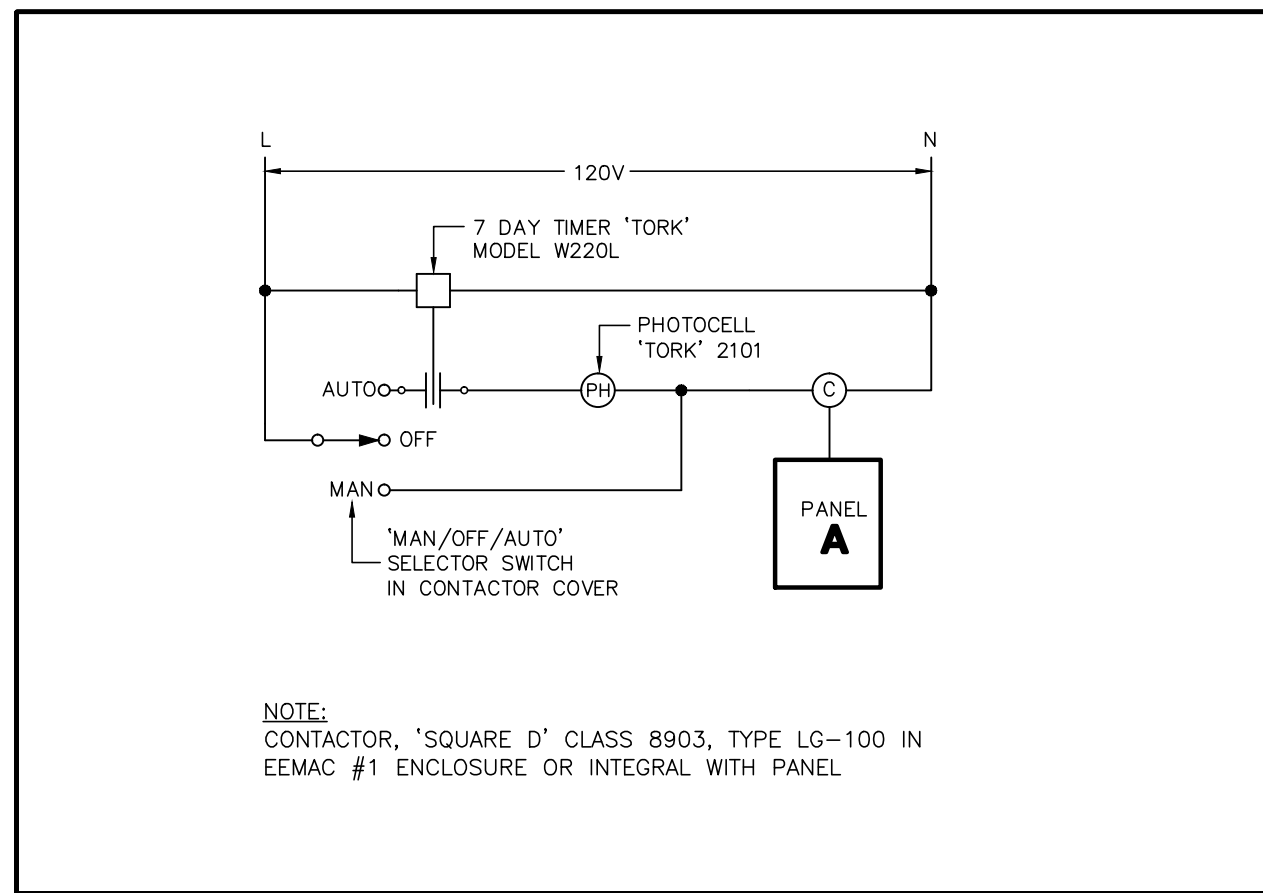
PROJECT
**PROPOSED RESIDENTIAL DEVELOPMENT
25 BAKER HILL BLVD.**

**ROYAL PINE HOMES
STOUFFVILLE, ONTARIO**

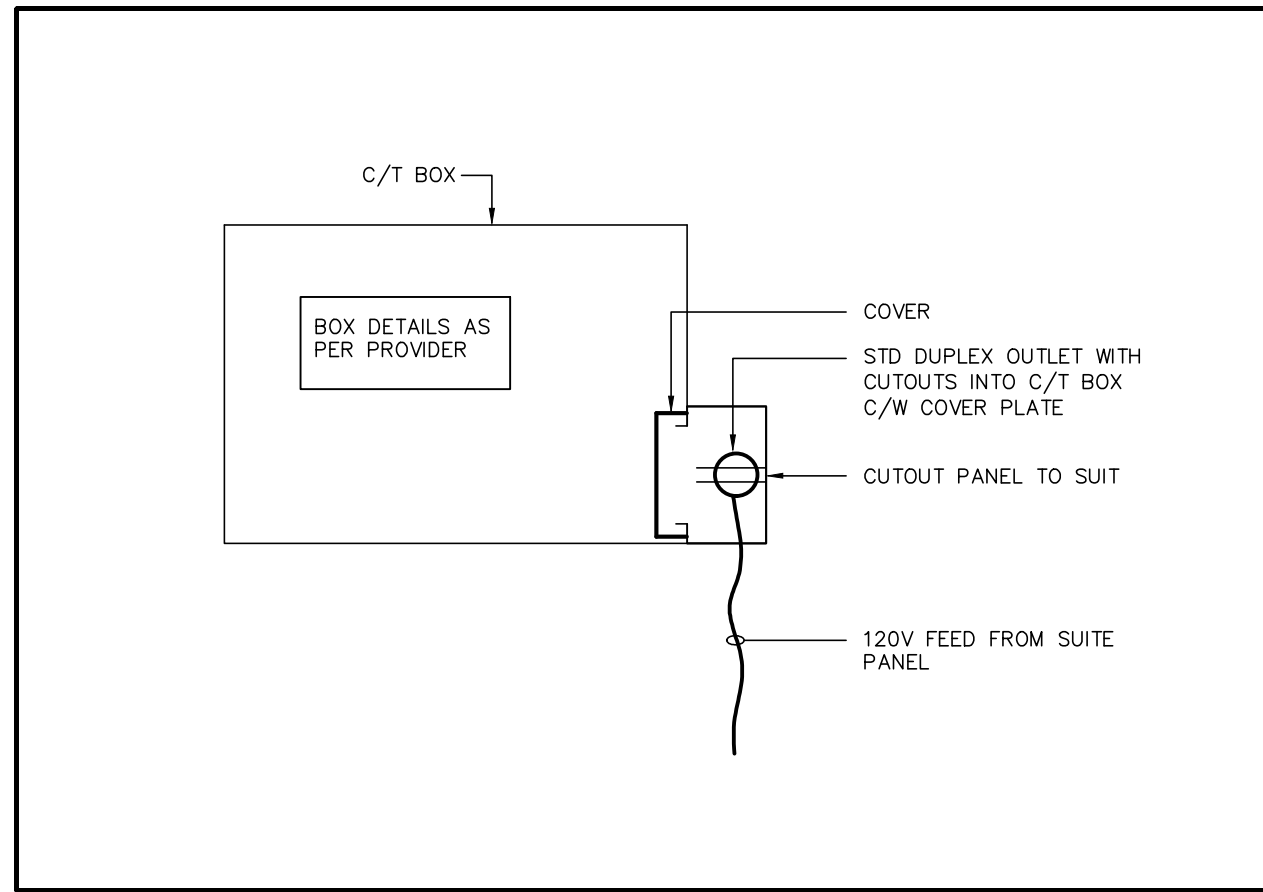
DRAWN	CHECKED	SCALE
CM	MG	1:100

DATE	PROJECT	DRAWING
SEPT. 2015	14-016	E-8

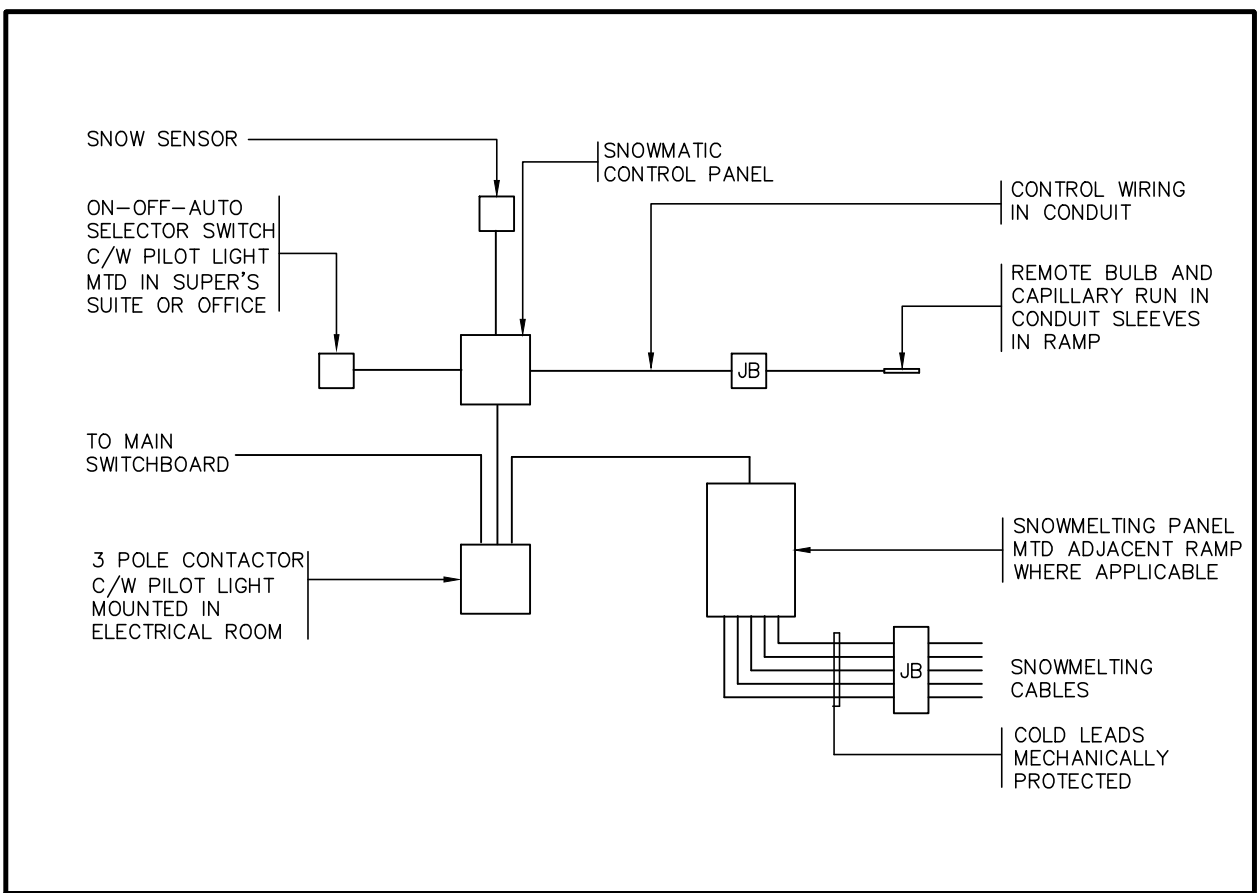
OF 12



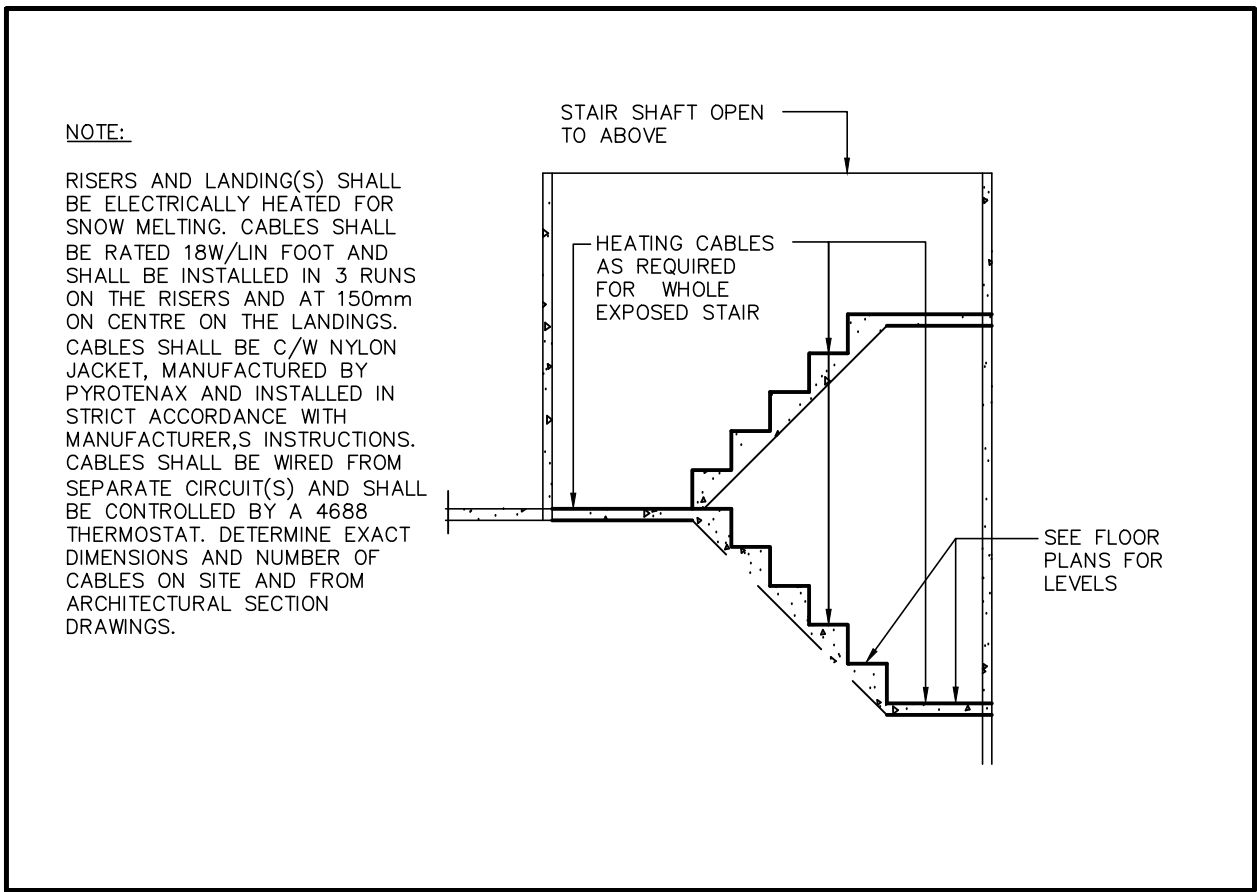
SITE PLAN LIGHTING CONTROL SCALE: N.T.S.



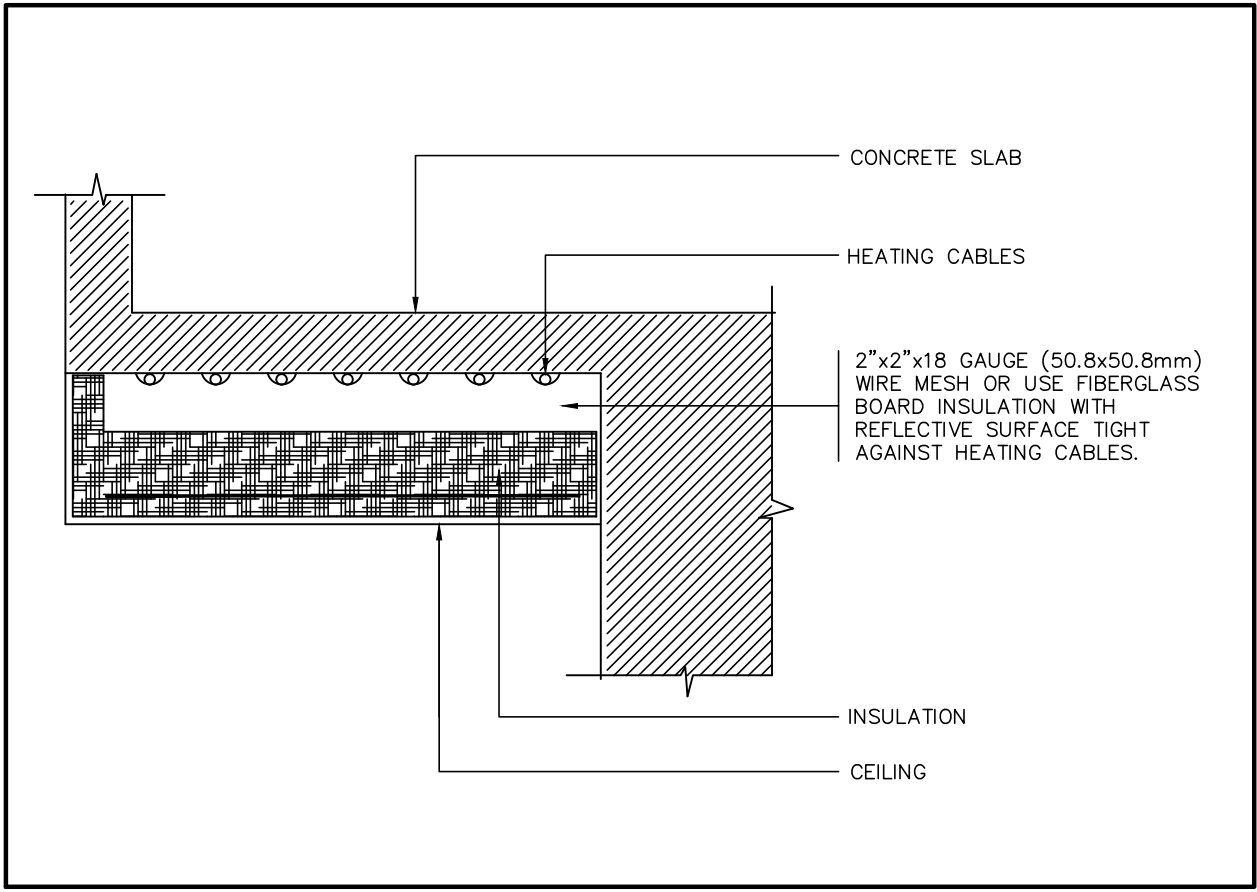
C/T BOX IN SUITE DETAIL SCALE: N.T.S.



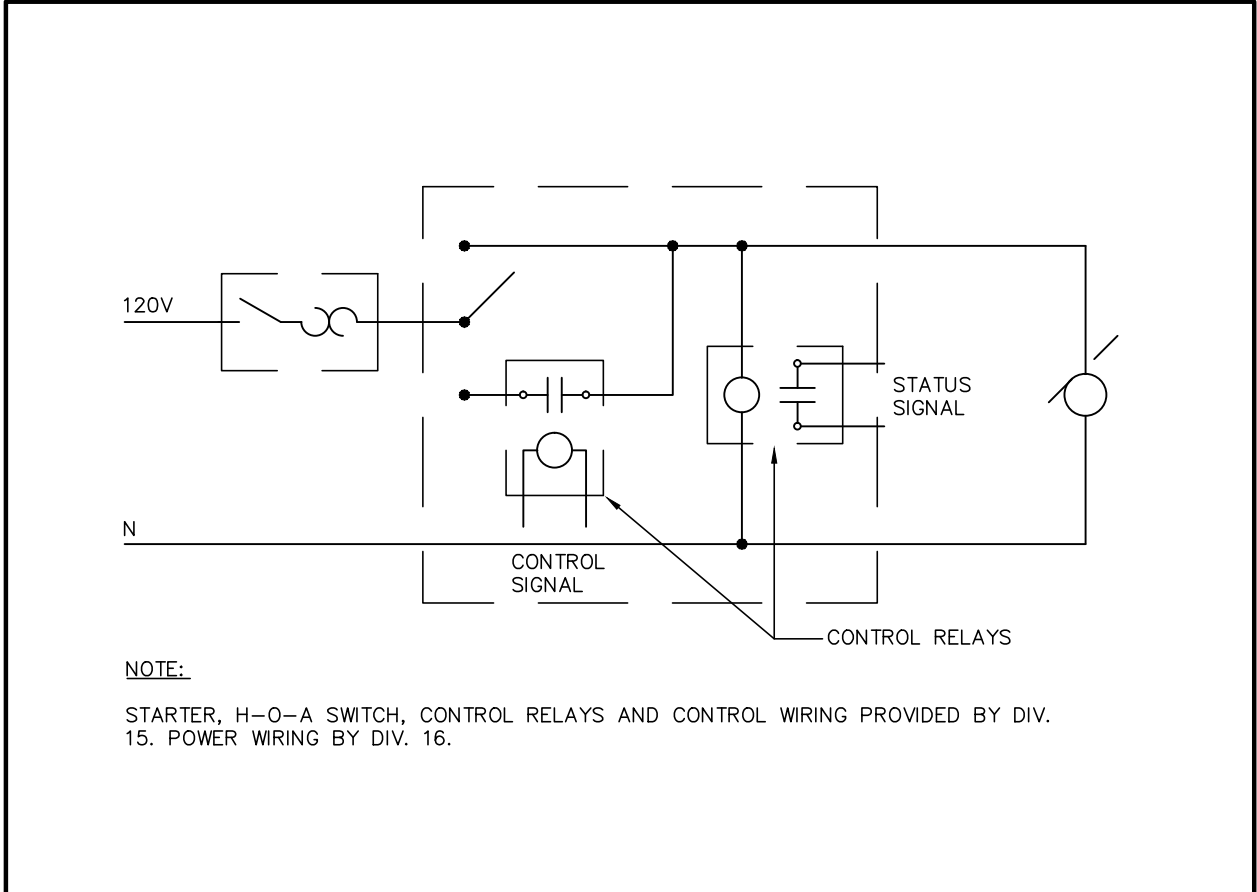
SNOW MELTING CONTROL DIAGRAM SCALE: N.T.S.



EXPOSED STAIRWELL SNOW MELTING (TYP.) SCALE: N.T.S.



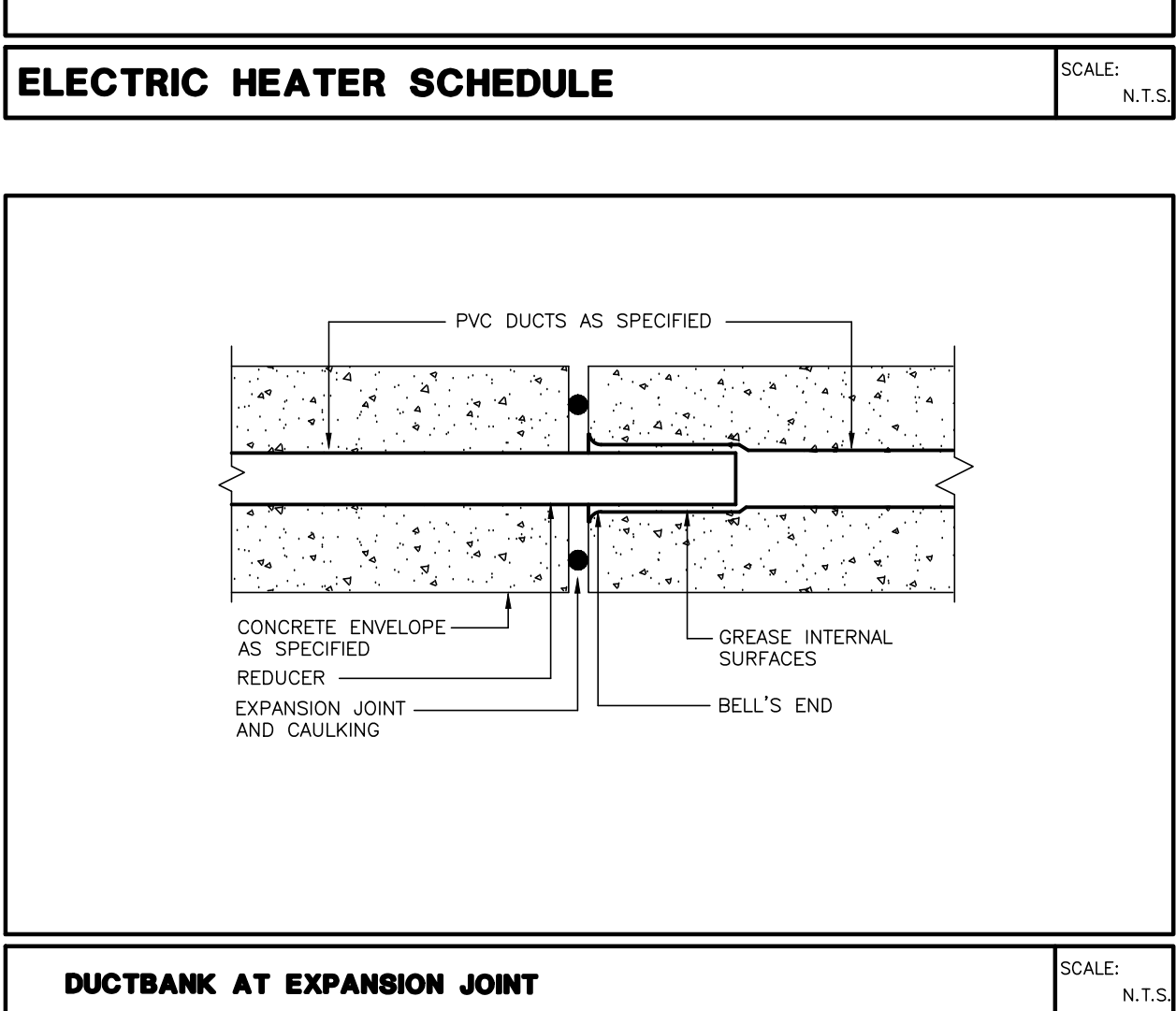
FLOOR SLAB WARMING DETAIL SCALE: N.T.S.



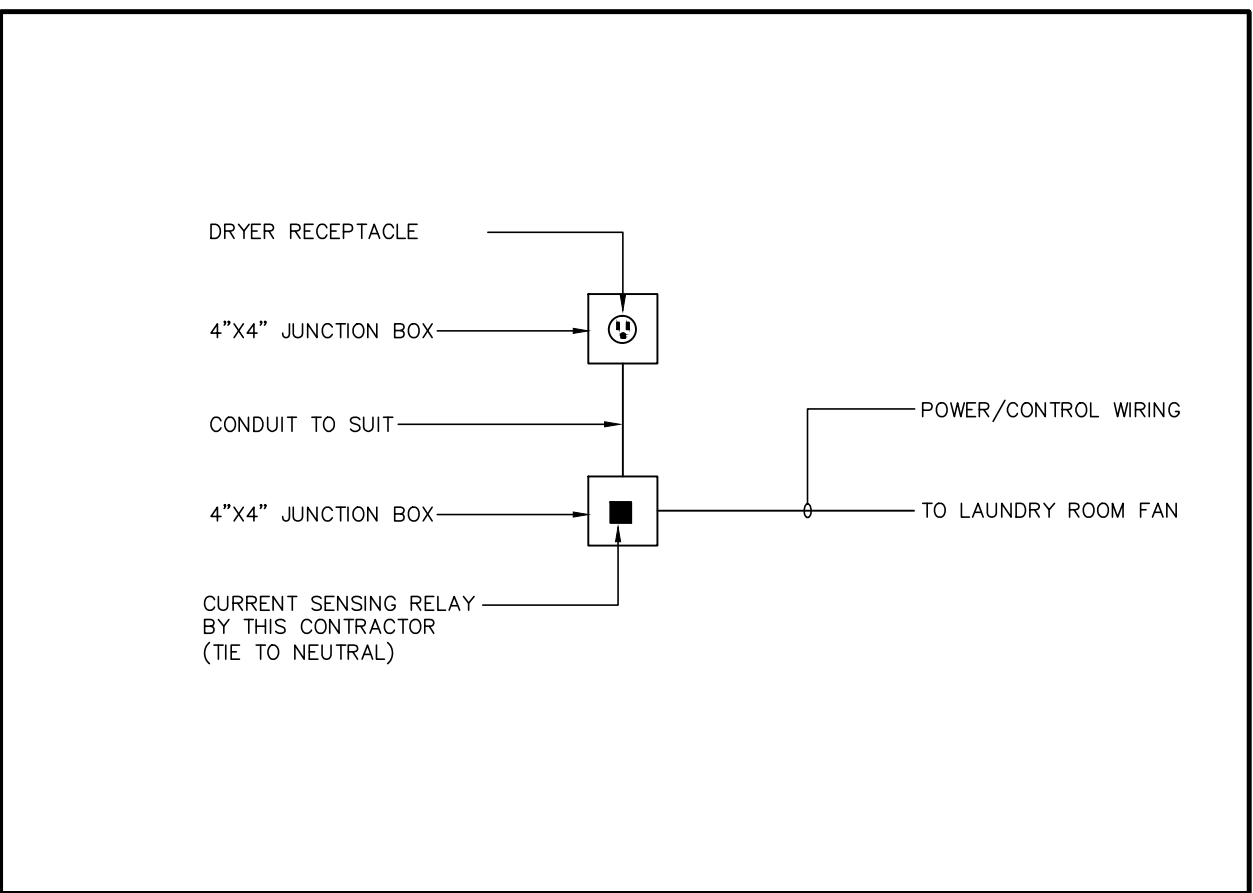
MANUAL STARTER SCHEMATIC SCALE: N.T.S.

TYPE	DESCRIPTION	MANUFACTURE/MODULE	REMARKS
A	BASEBOARD HEATER	STELPRO-B	1. ALL HEATERS C/W BUILT IN START UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
B	FORCE FLOW HEATER	STELPRO-WF	
C	UNIT HEATER	STELPRO-SH	
D	CEILING FORCE FLOW HEATER	STELPRO-CH	2. WATGAGE INDICATED ON THE DRAWINGS.
E	KICK SPACE HEATER	STELPRO-CH	
F	PATIO DOOR HEATER	STELPRO-PDH	
G	DRIFT BARRIER	STELPRO-DB	3. VOLTAGE TO SUIT SOURCE PANEL.
H	CONVECTION HEATER	STELPRO-SL	

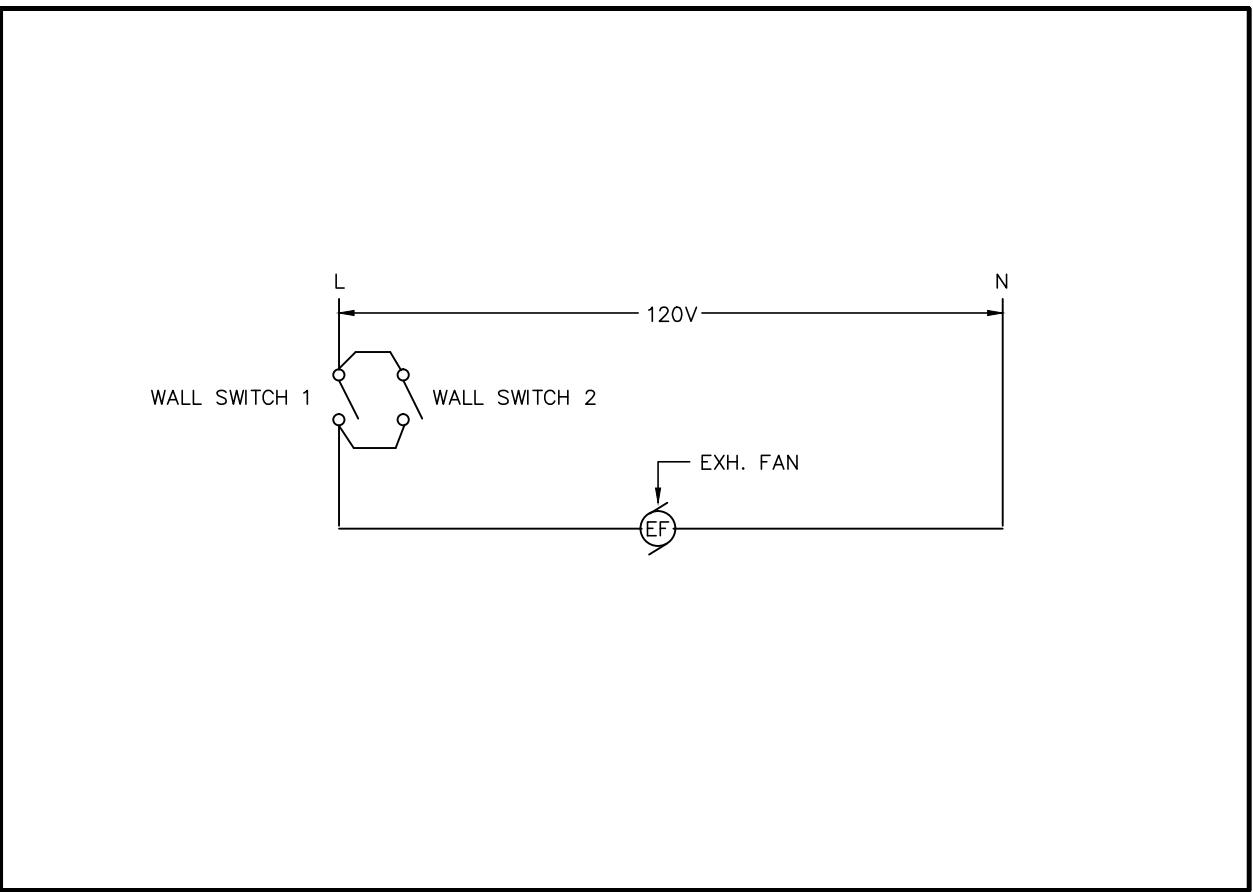
ELECTRIC HEATER SCHEDULE SCALE: N.T.S.



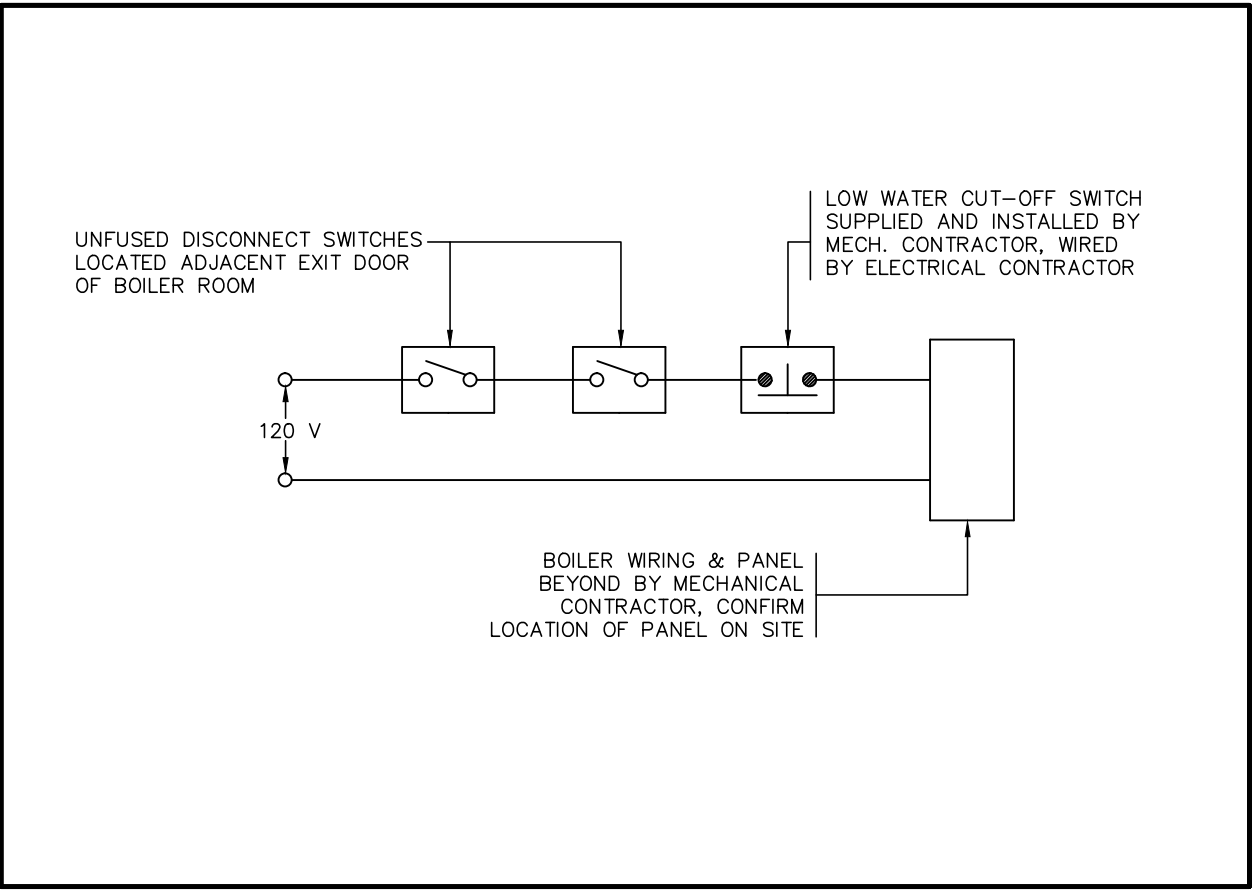
DUCTBANK AT EXPANSION JOINT SCALE: N.T.S.



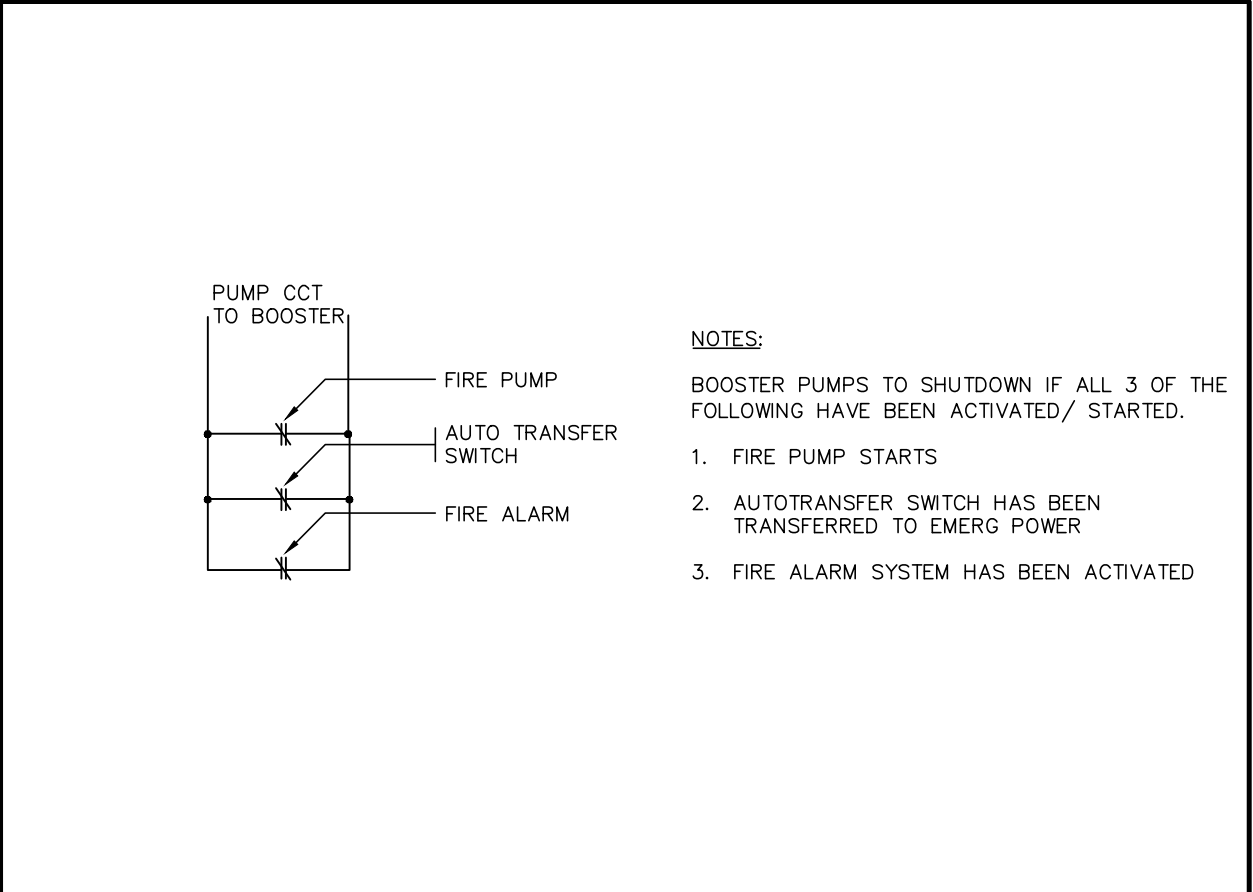
TYPICAL SUITE LAUNDRY EXHAUST FAN SCALE: N.T.S.



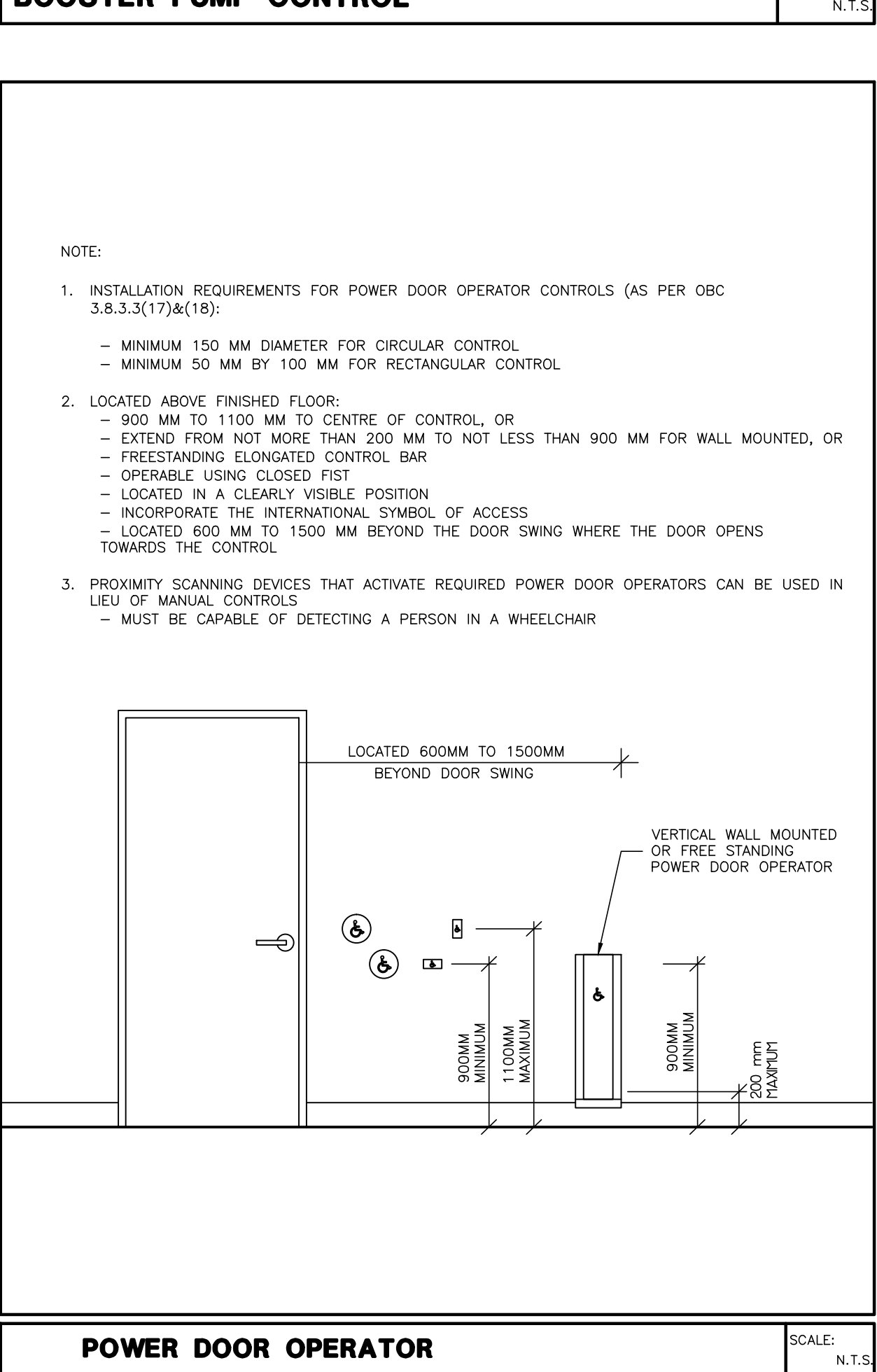
EXHAUST FAN CONTROL FROM TWO LOCATIONS SCALE: N.T.S.



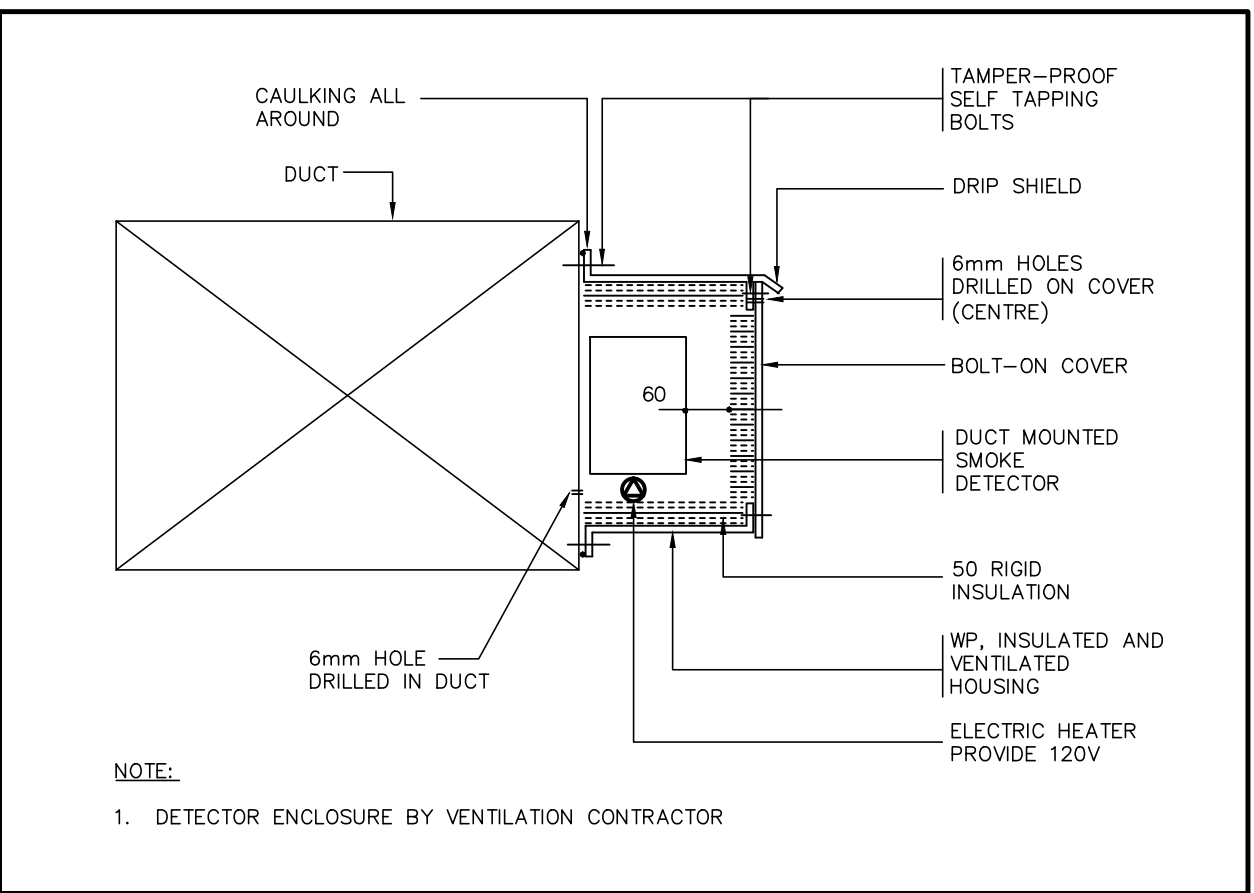
BOILER CONTROL SCHEMATIC SCALE: N.T.S.



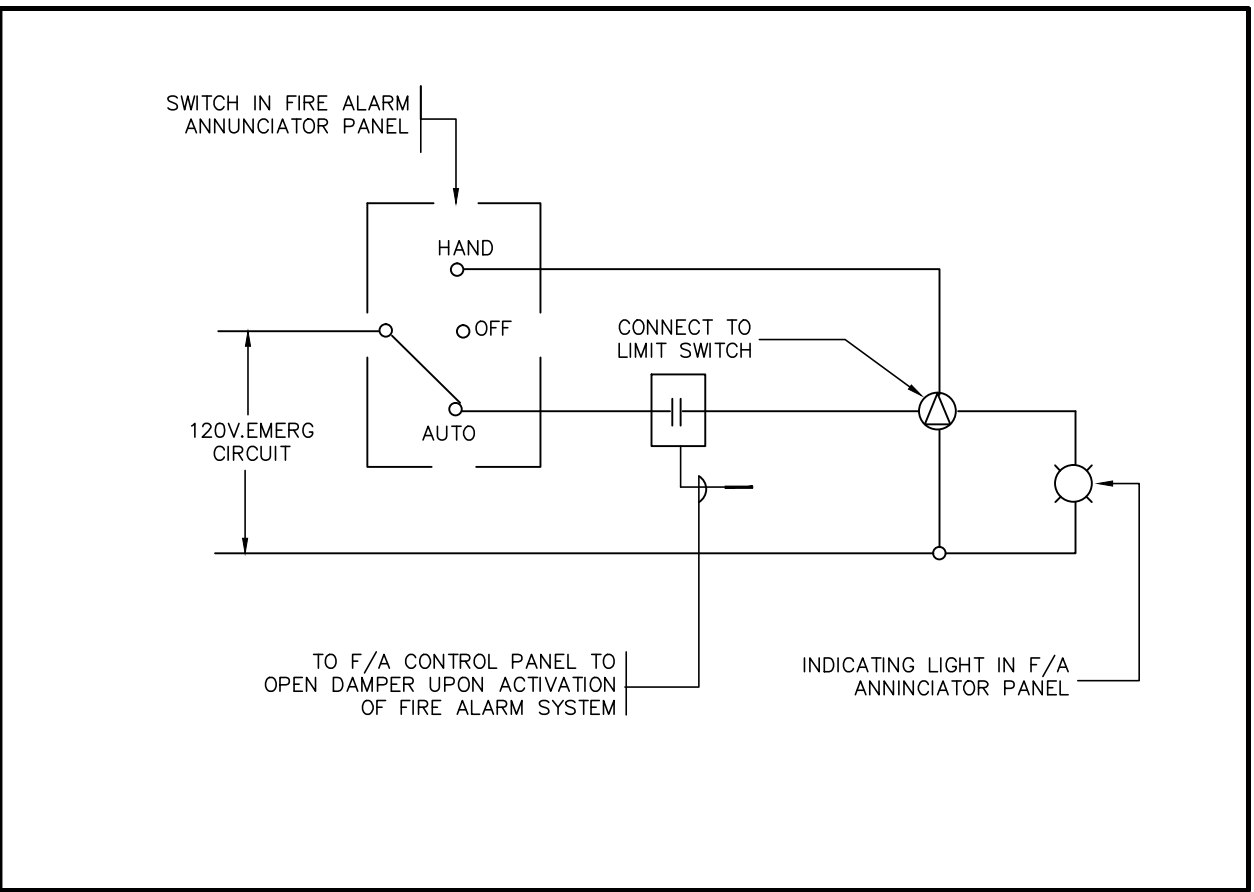
BOOSTER PUMP CONTROL SCALE: N.T.S.



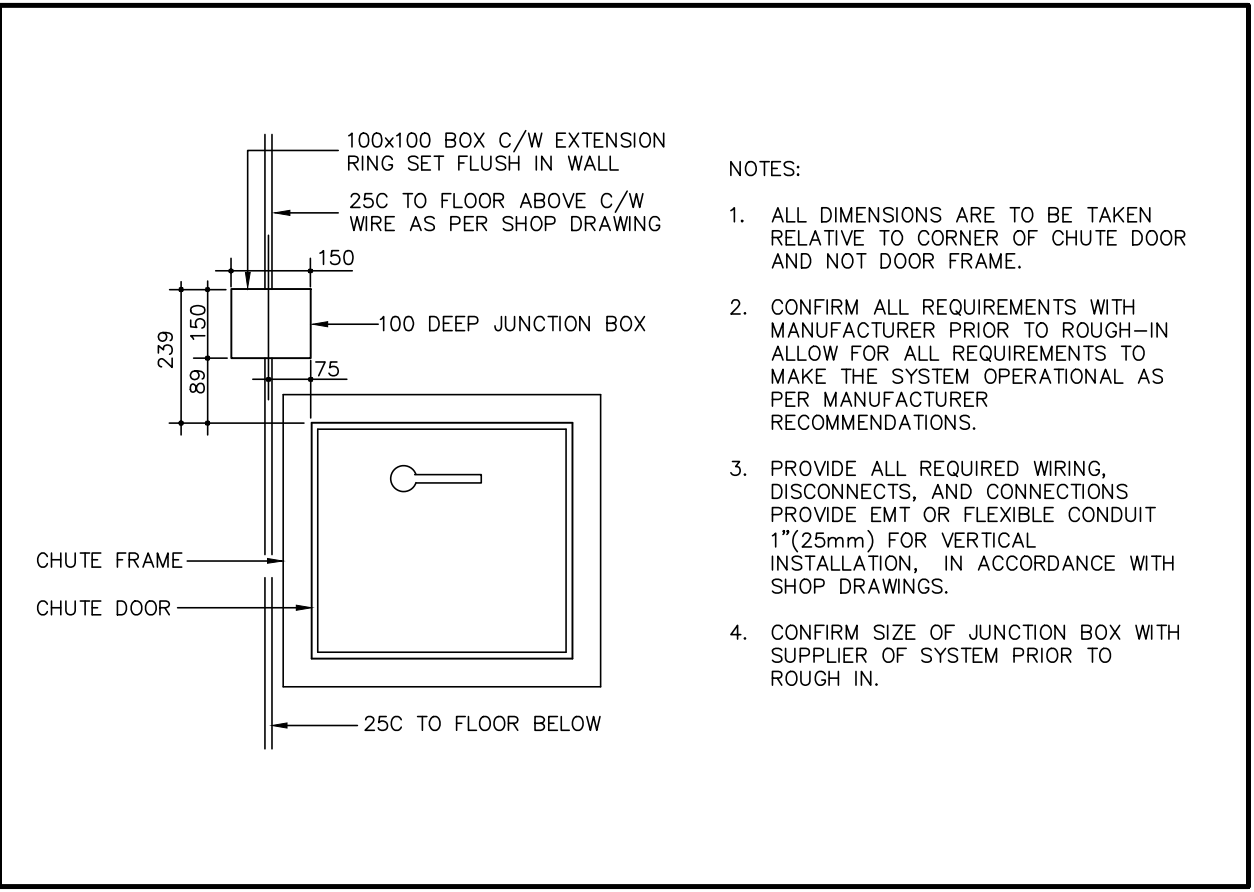
POWER DOOR OPERATOR SCALE: N.T.S.



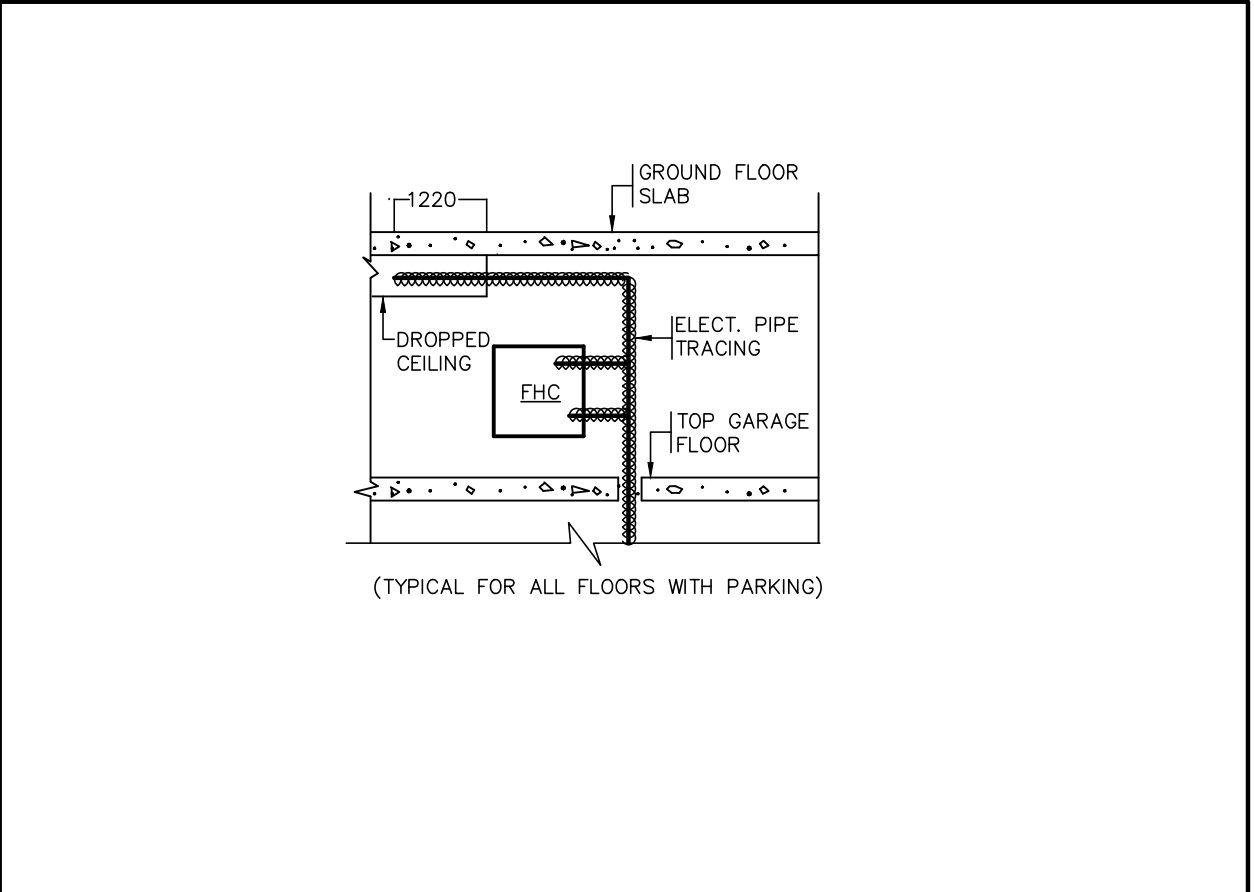
DUCT MTD DETECTOR ENCLOSURE DTL SCALE: N.T.S.



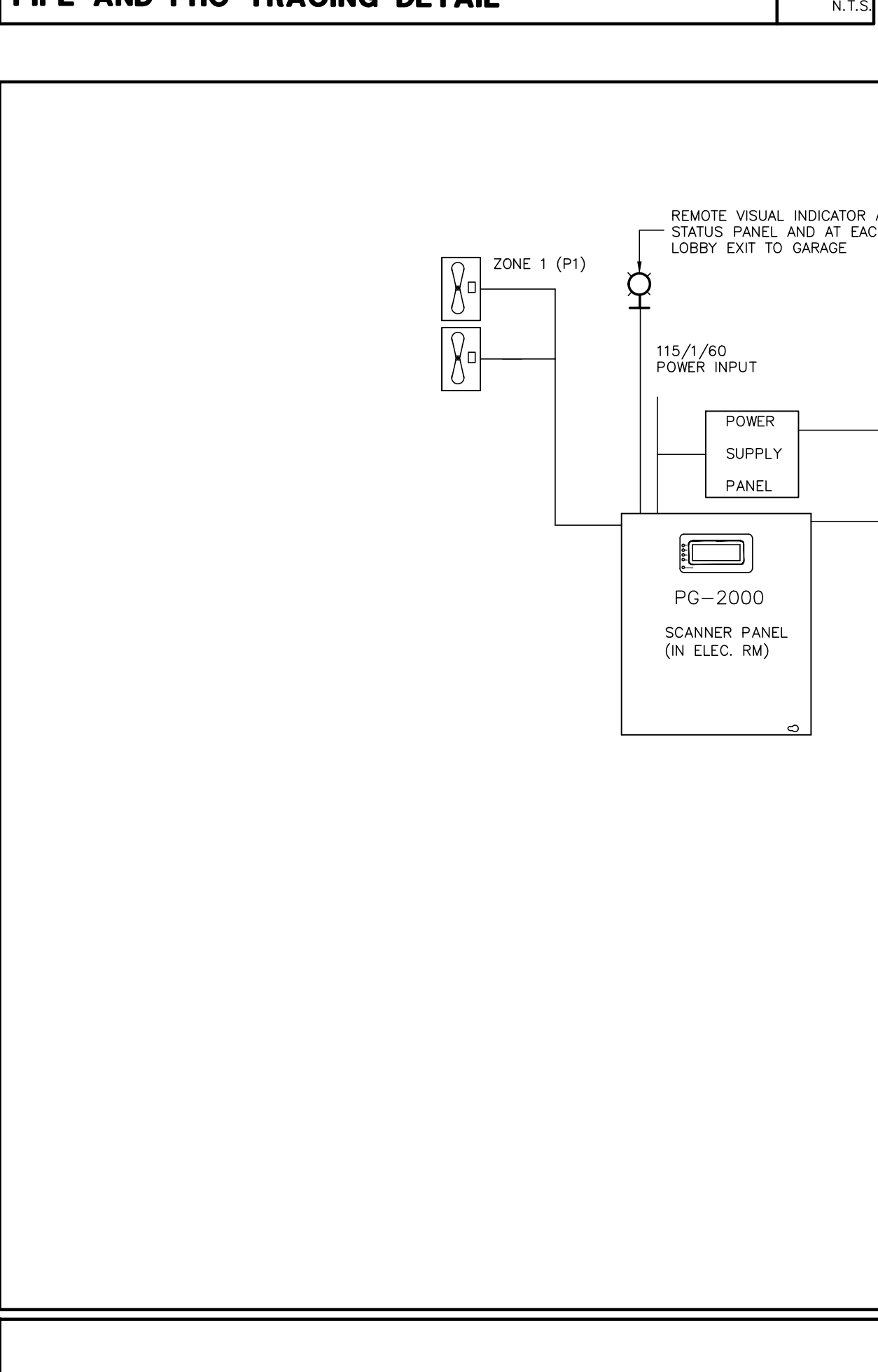
SMOKE RELIEF DAMPER CONTROL SCALE: N.T.S.



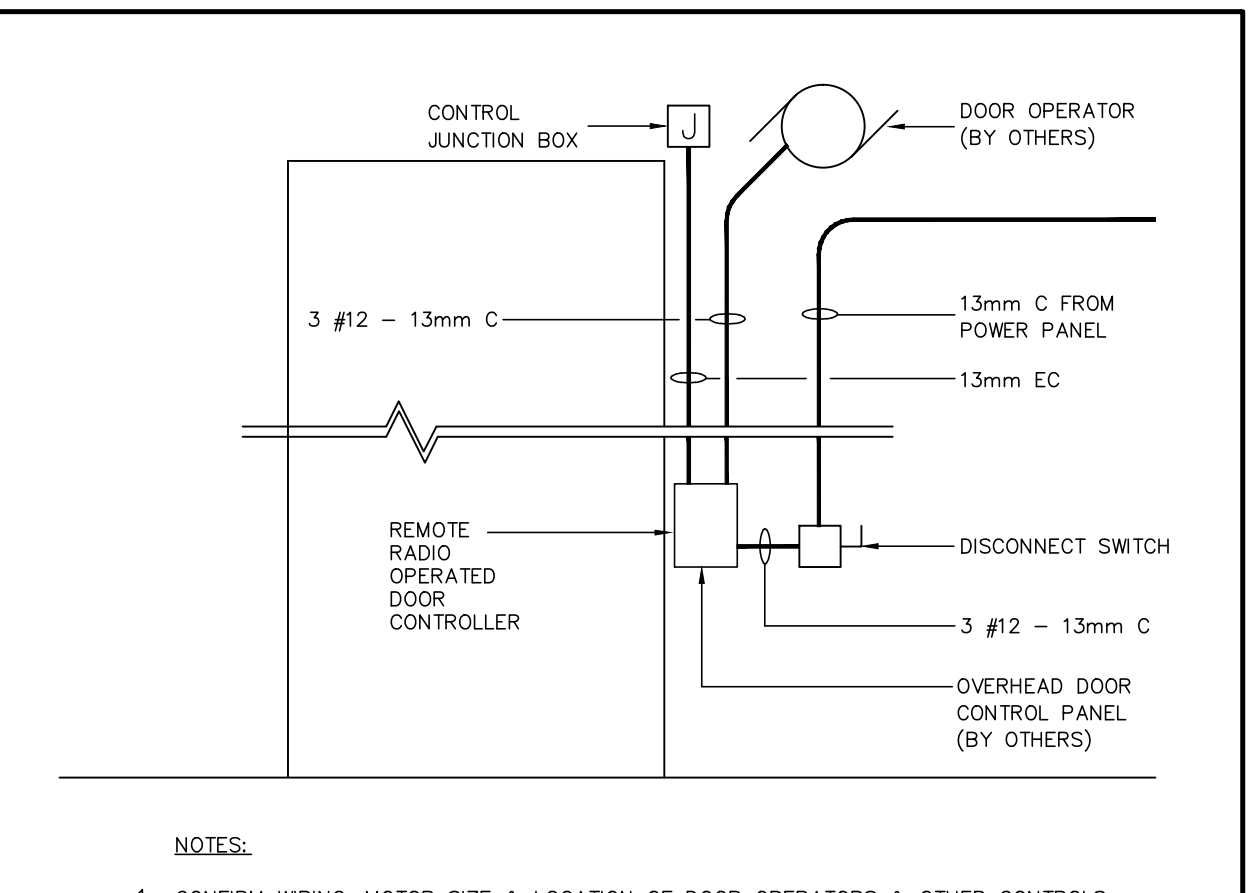
JB LOCATION FOR GARBAGE RECYCLING SYSTEM SCALE: N.T.S.



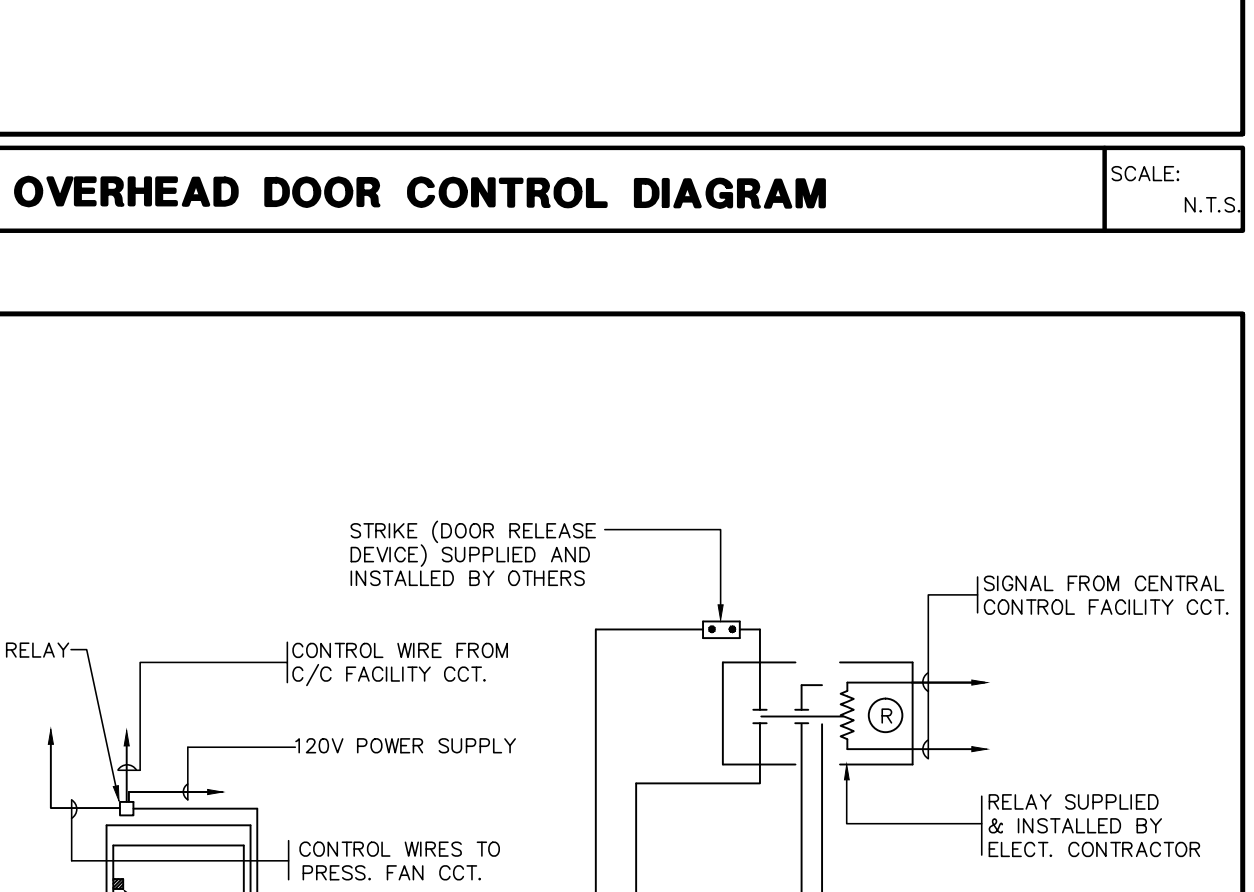
PIPE AND FHC TRACING DETAIL SCALE: N.T.S.



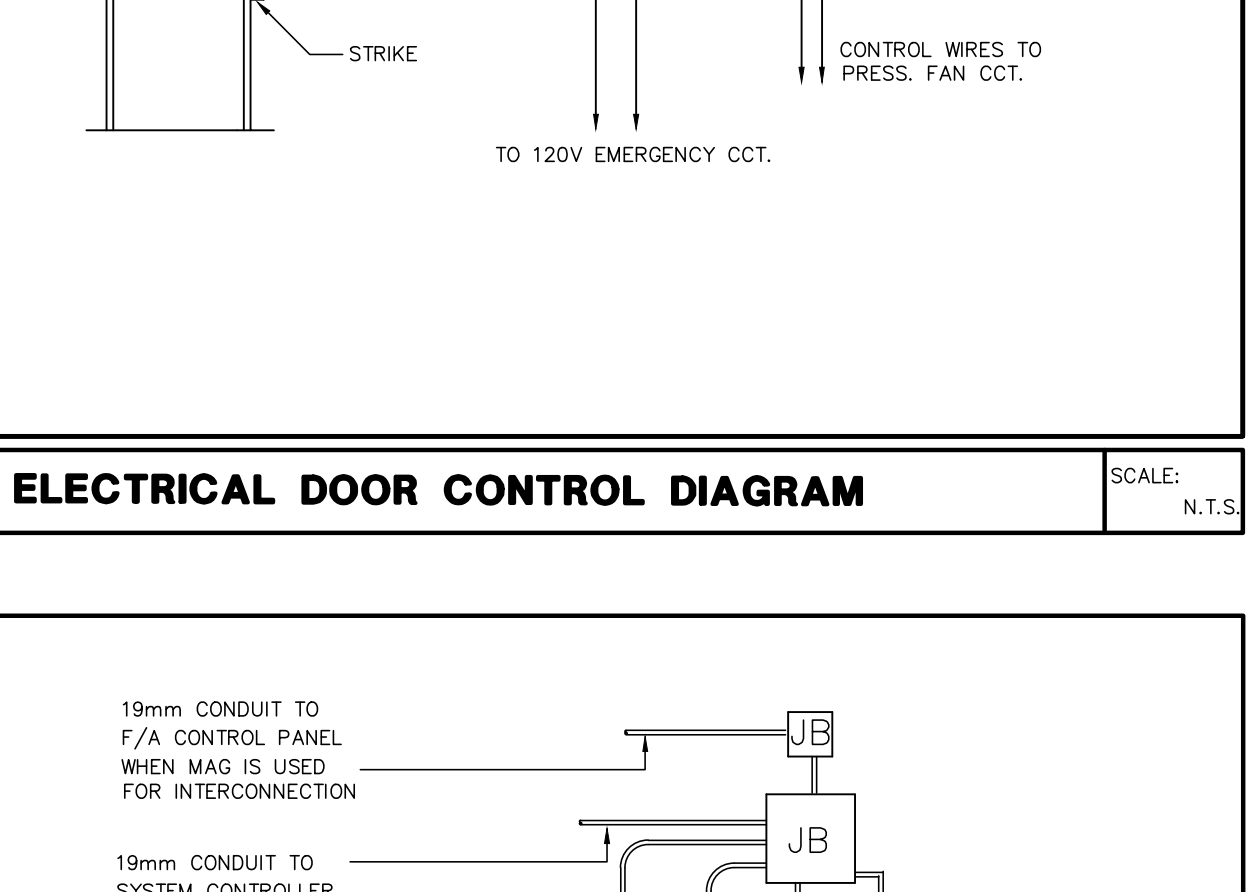
CO MONITOR SYSTEM TYPICAL INSTALLATION SCALE: N.T.S.



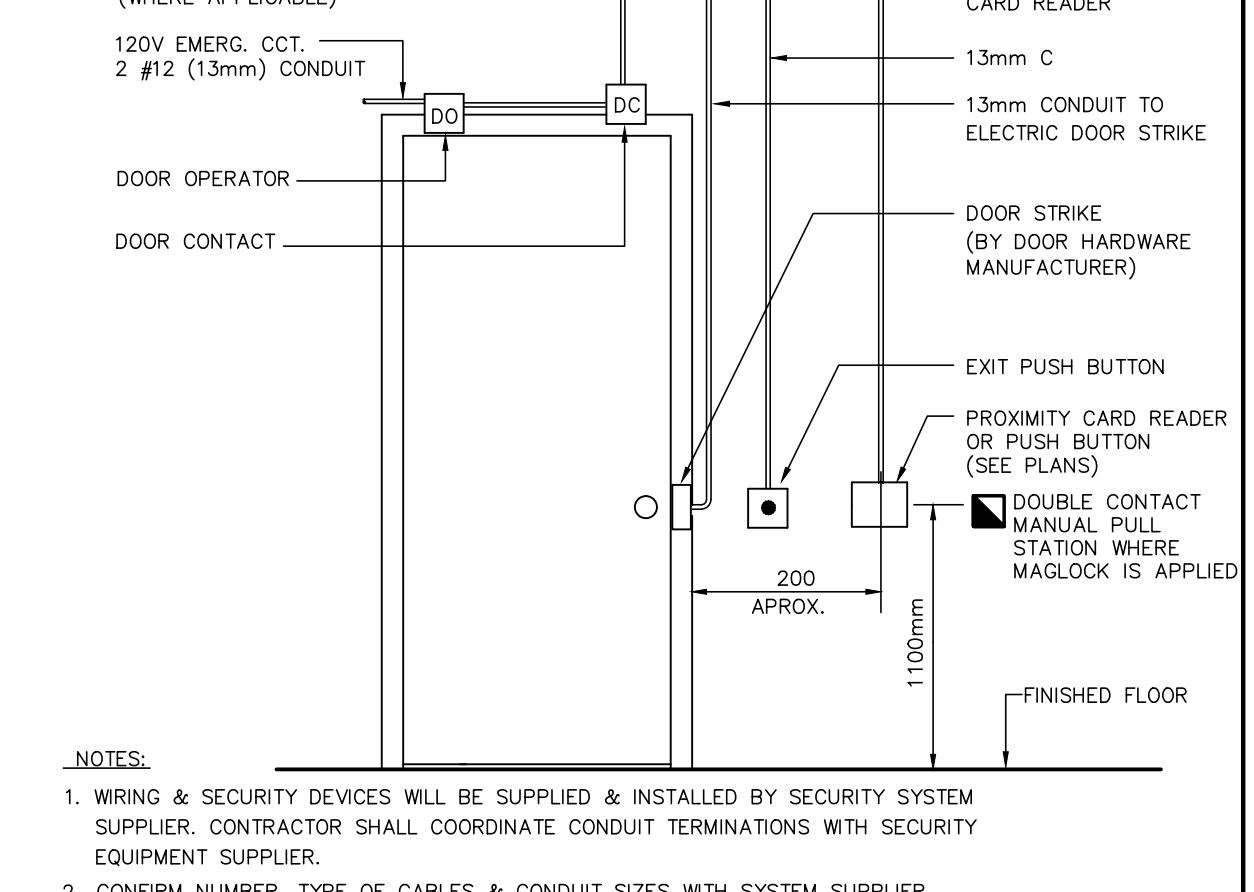
OVERHEAD DOOR CONTROL DIAGRAM SCALE: N.T.S.



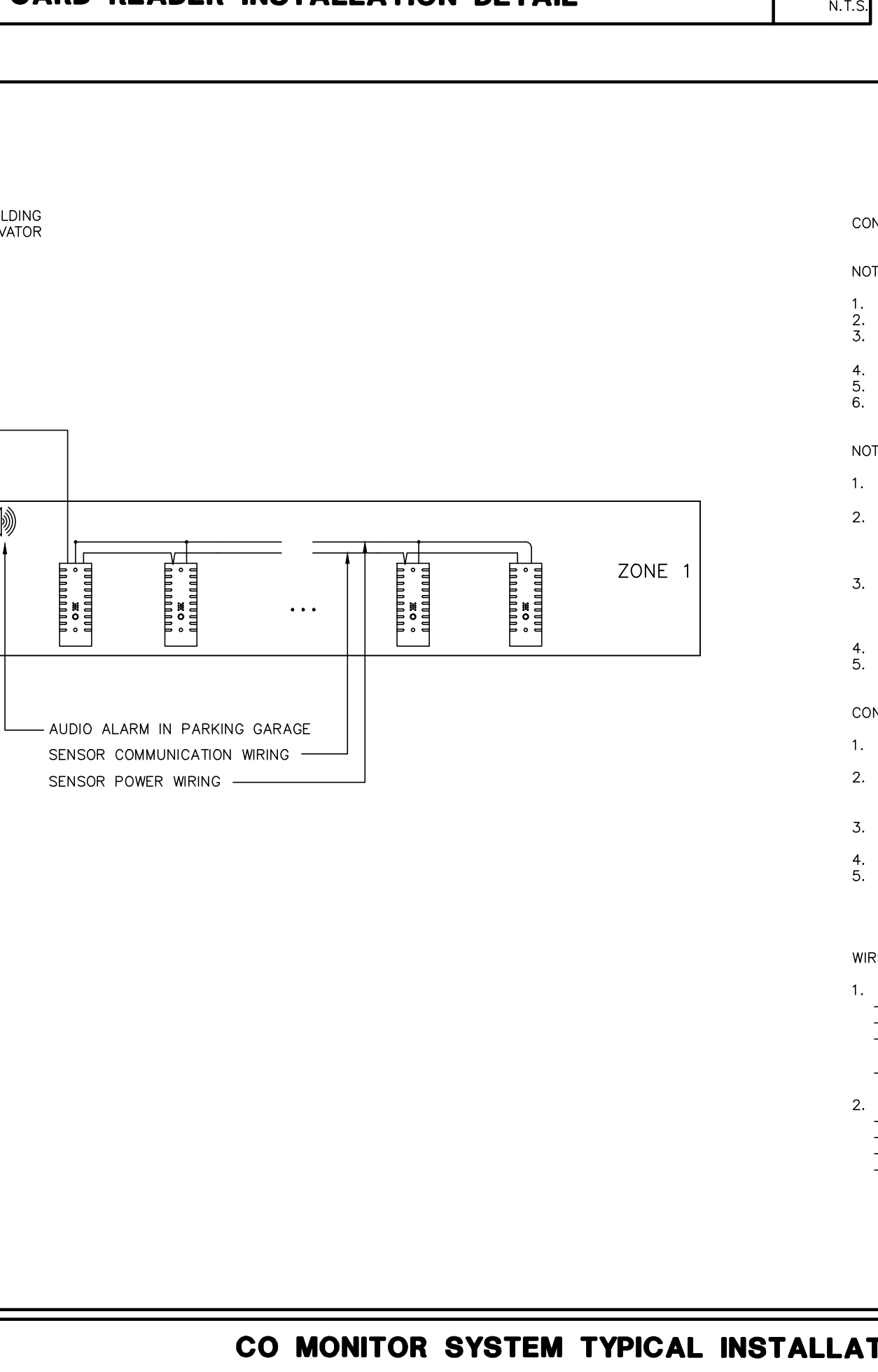
ELECTRICAL DOOR CONTROL DIAGRAM SCALE: N.T.S.



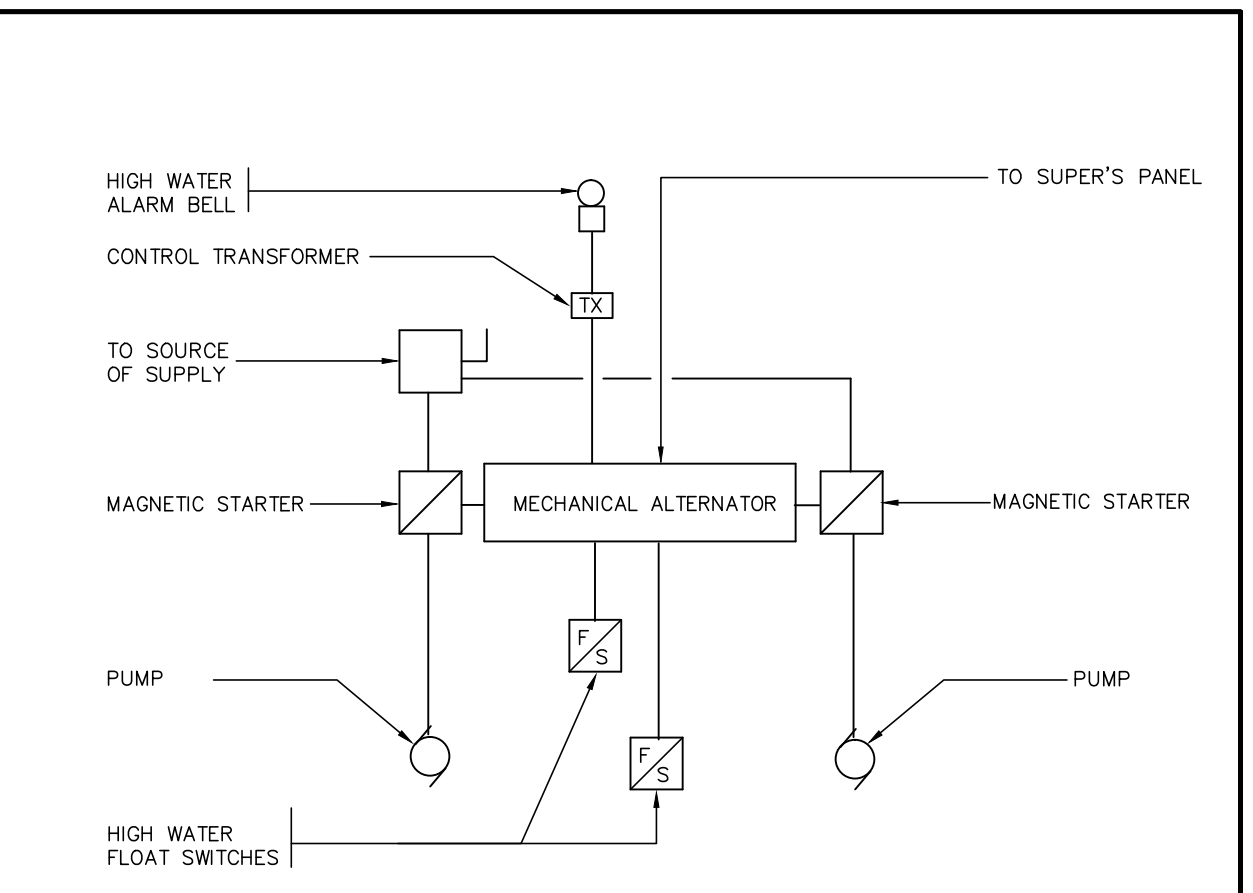
CARD READER INSTALLATION DETAIL SCALE: N.T.S.



PRESSURIZATION FAN CONTROL DIAGRAM SCALE: N.T.S.



DUPLEX PUMP WIRING DIAGRAM SCALE: N.T.S.



SIMPLEX PUMP WIRING DIAGRAM SCALE: N.T.S.

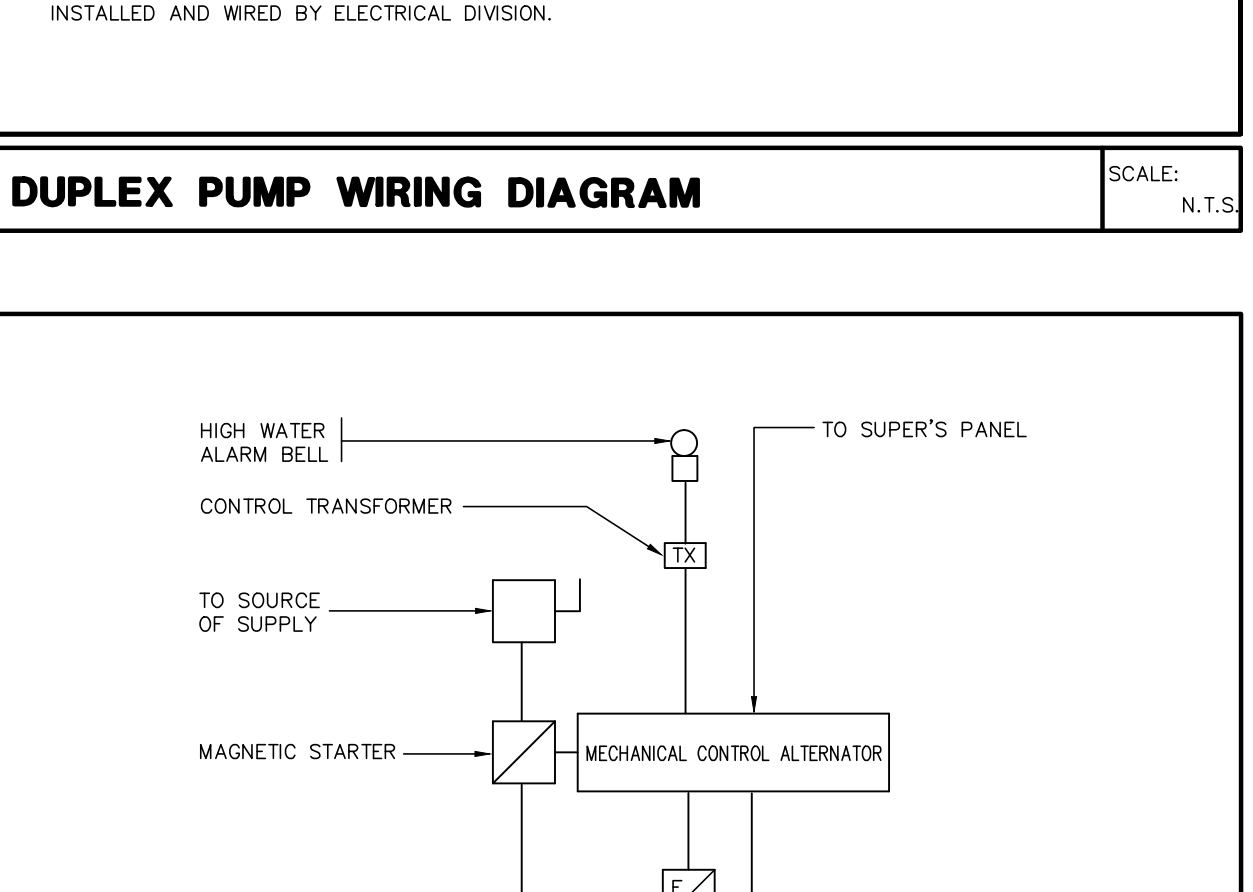


Diagram SCALE: N.T.S.

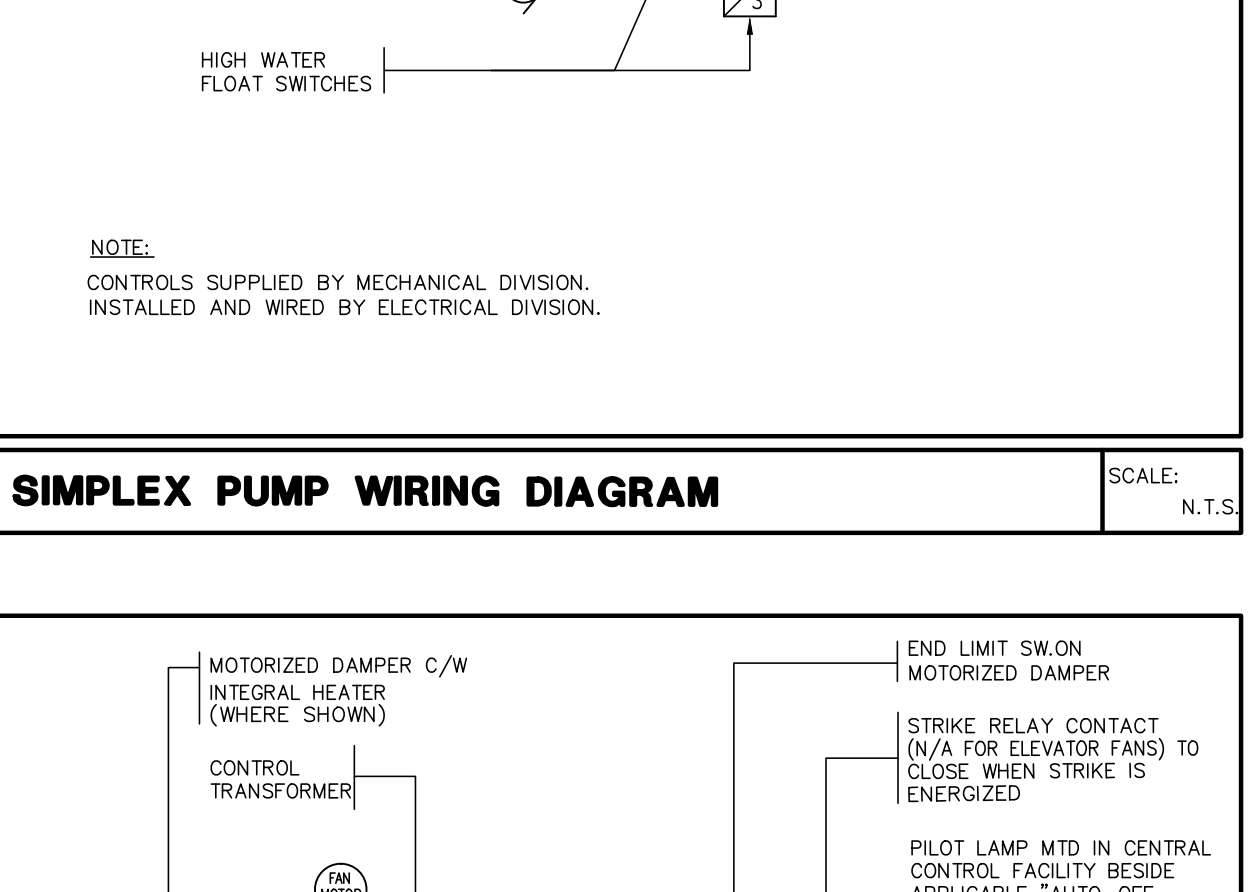


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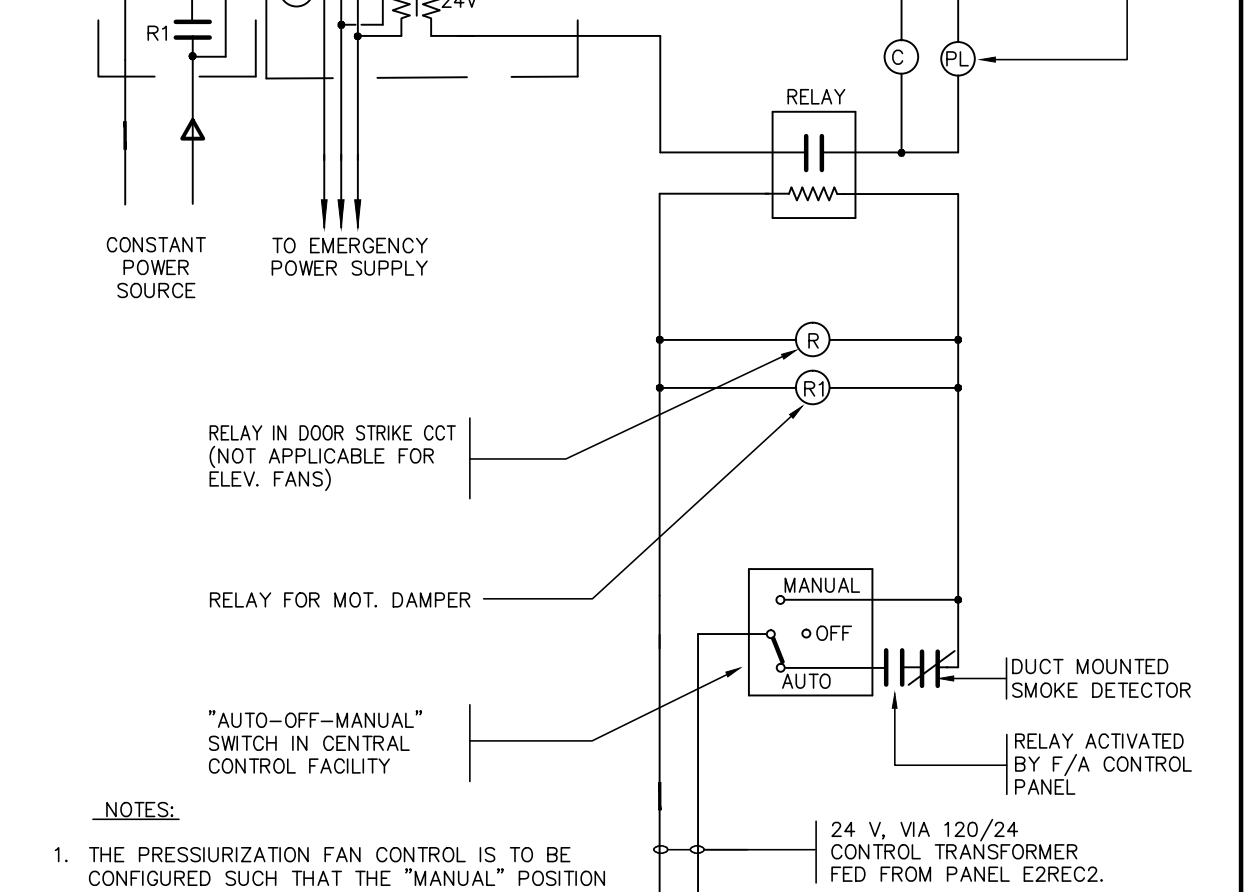


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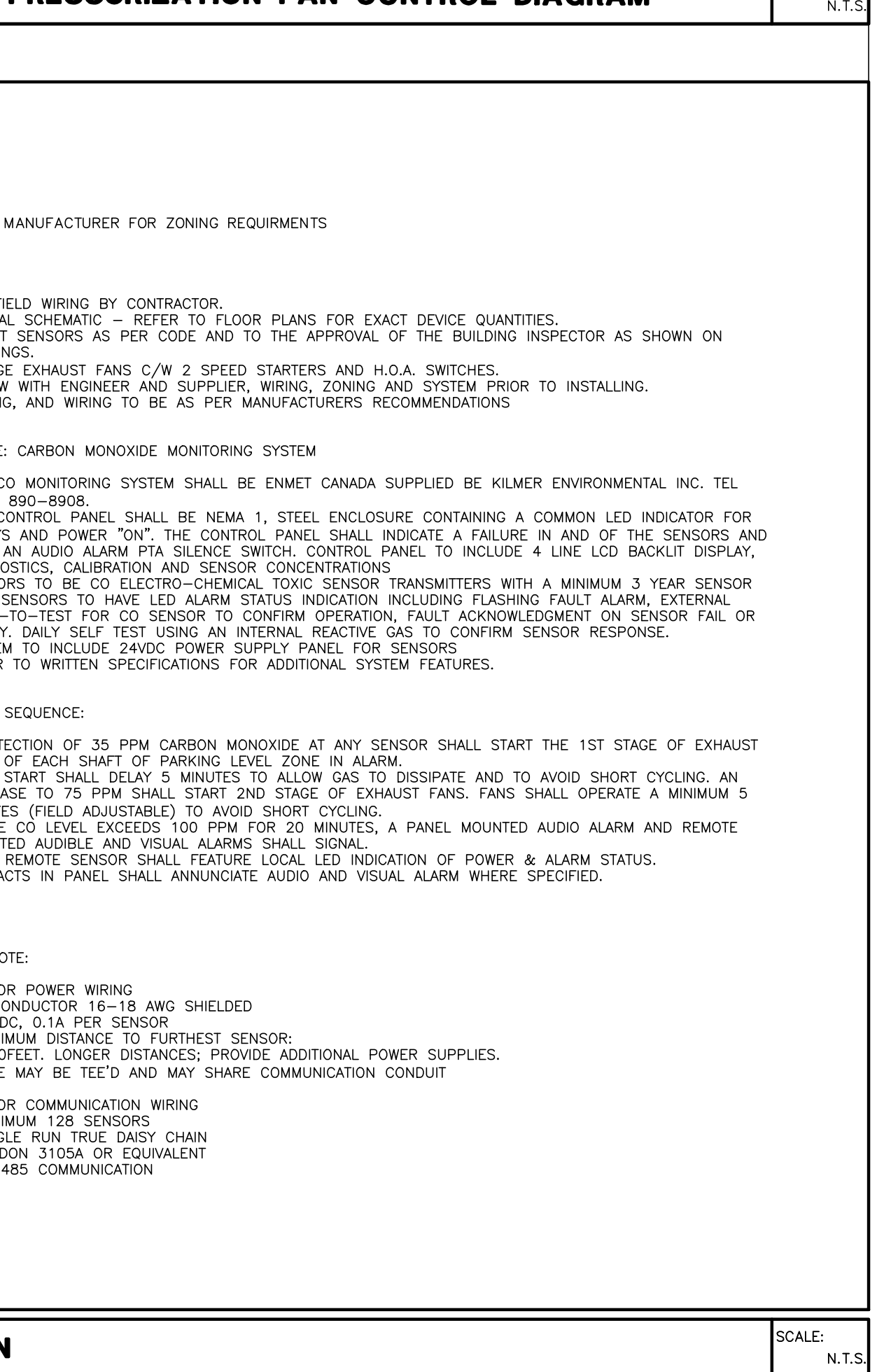


Diagram SCALE: N.T.S.

NO.	BY	DESCRIPTION	DATE
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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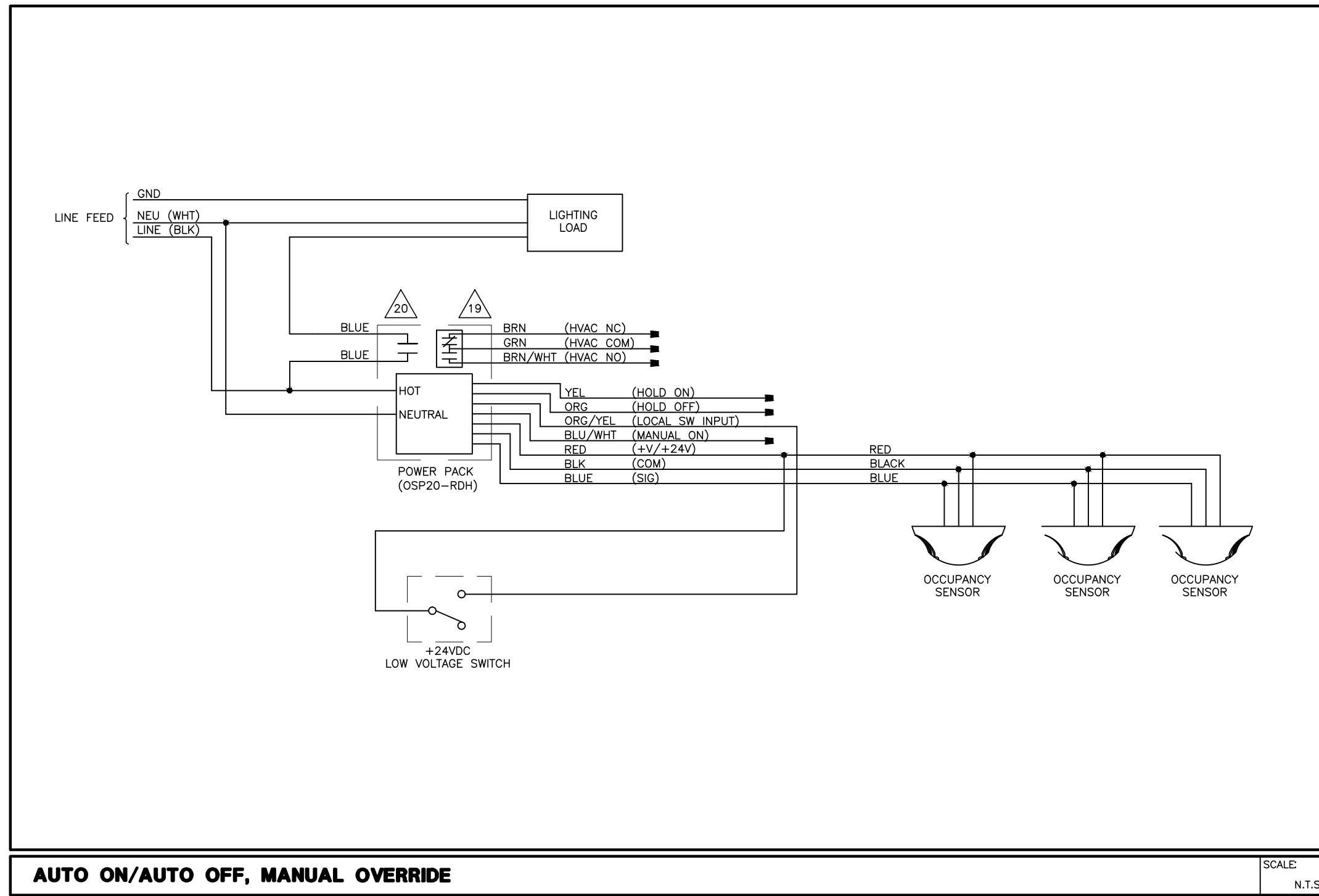
TITLE: DETAILS - A ELECTRICAL

PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT 25 BAKER HILL BLVD.

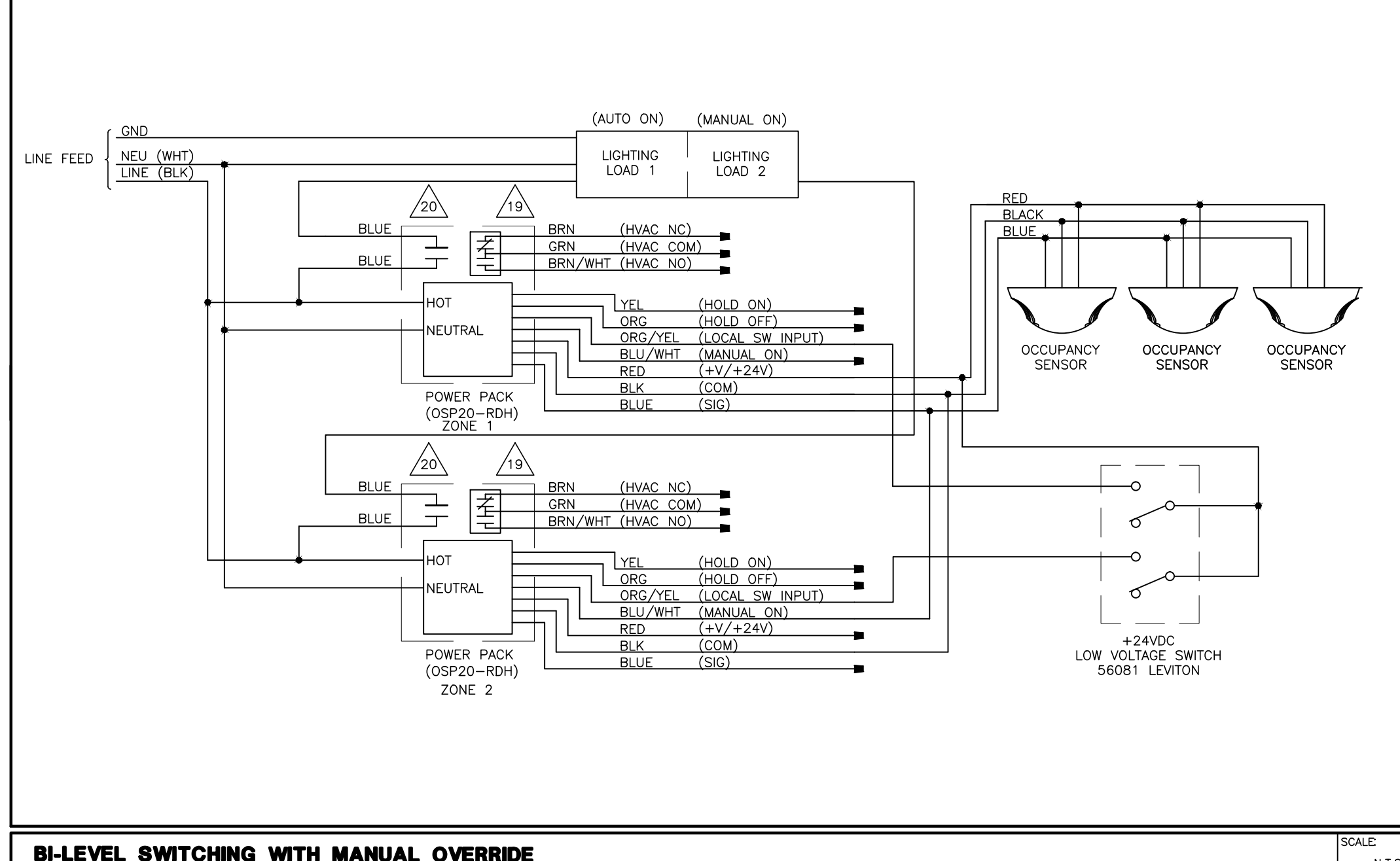
ROYAL PINE HOMES STOUFFVILLE, ONTARIO

DRAWN: CM CHECKED: MG SCALE: N.T.S.

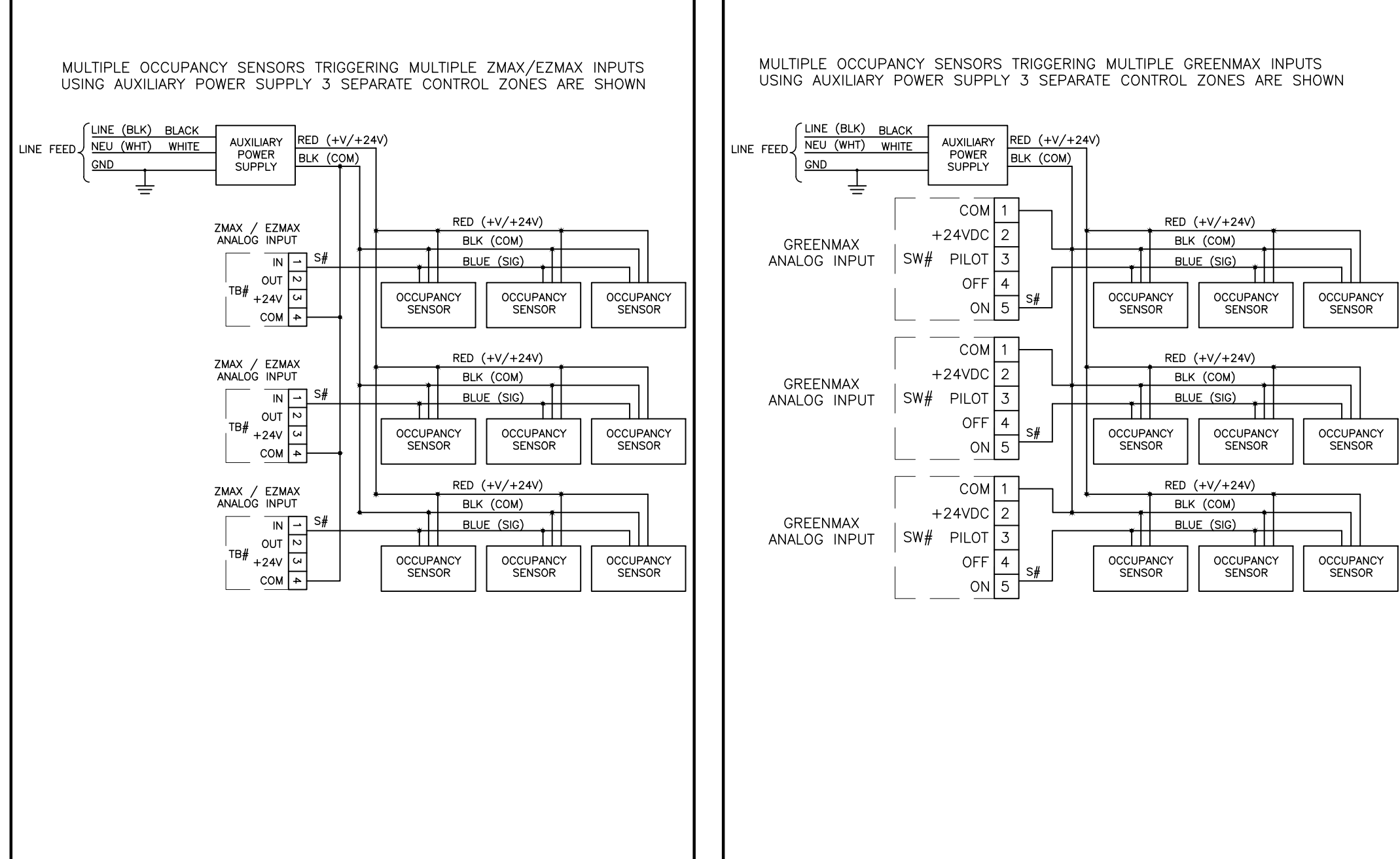
DATE: SEPT. 2015 PROJECT: 14-016 DRAWING: E-9A OF 12



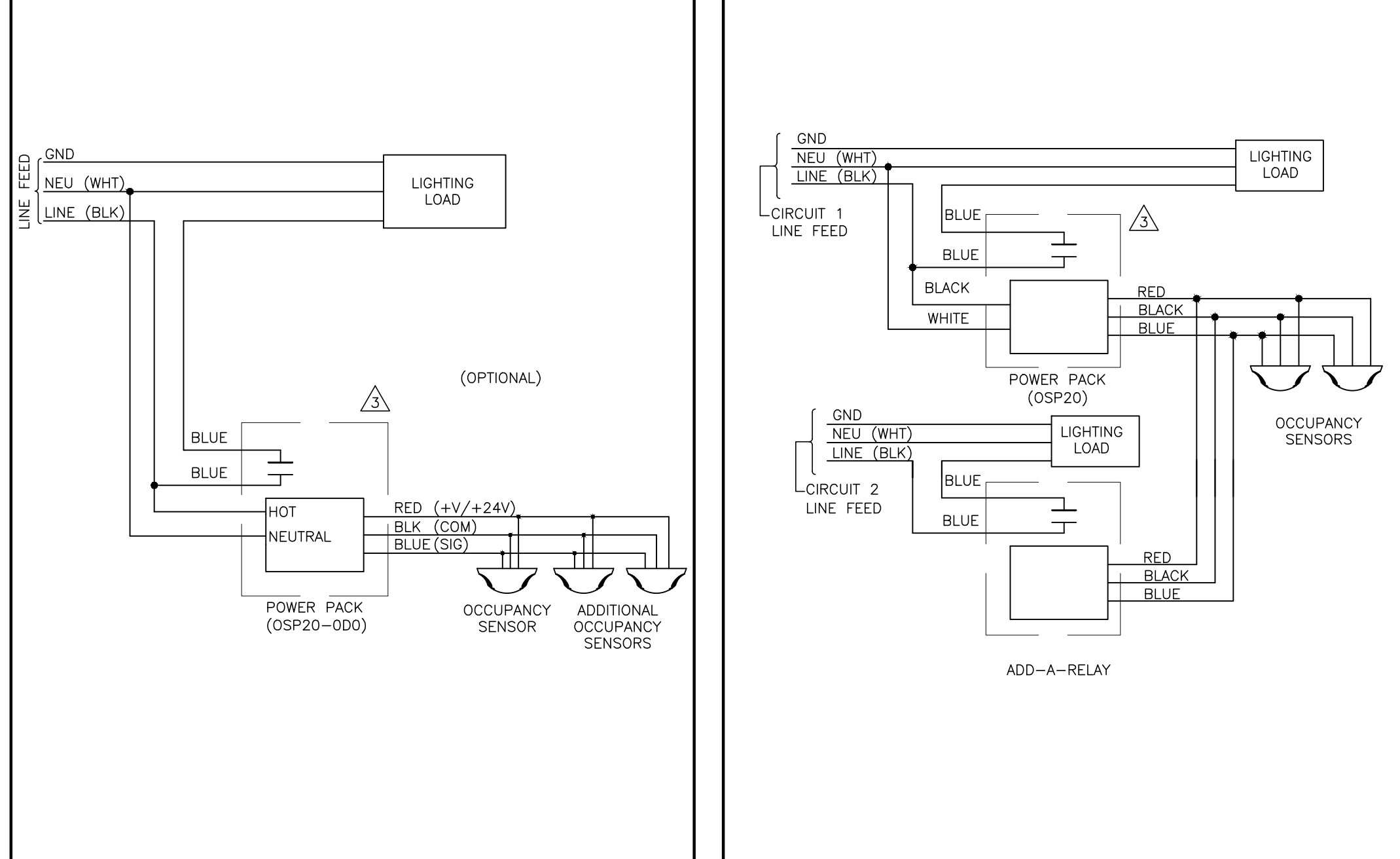
3 OR LESS SENSORS WITHOUT MANUAL OVERRIDE SCALE: N.T.S.



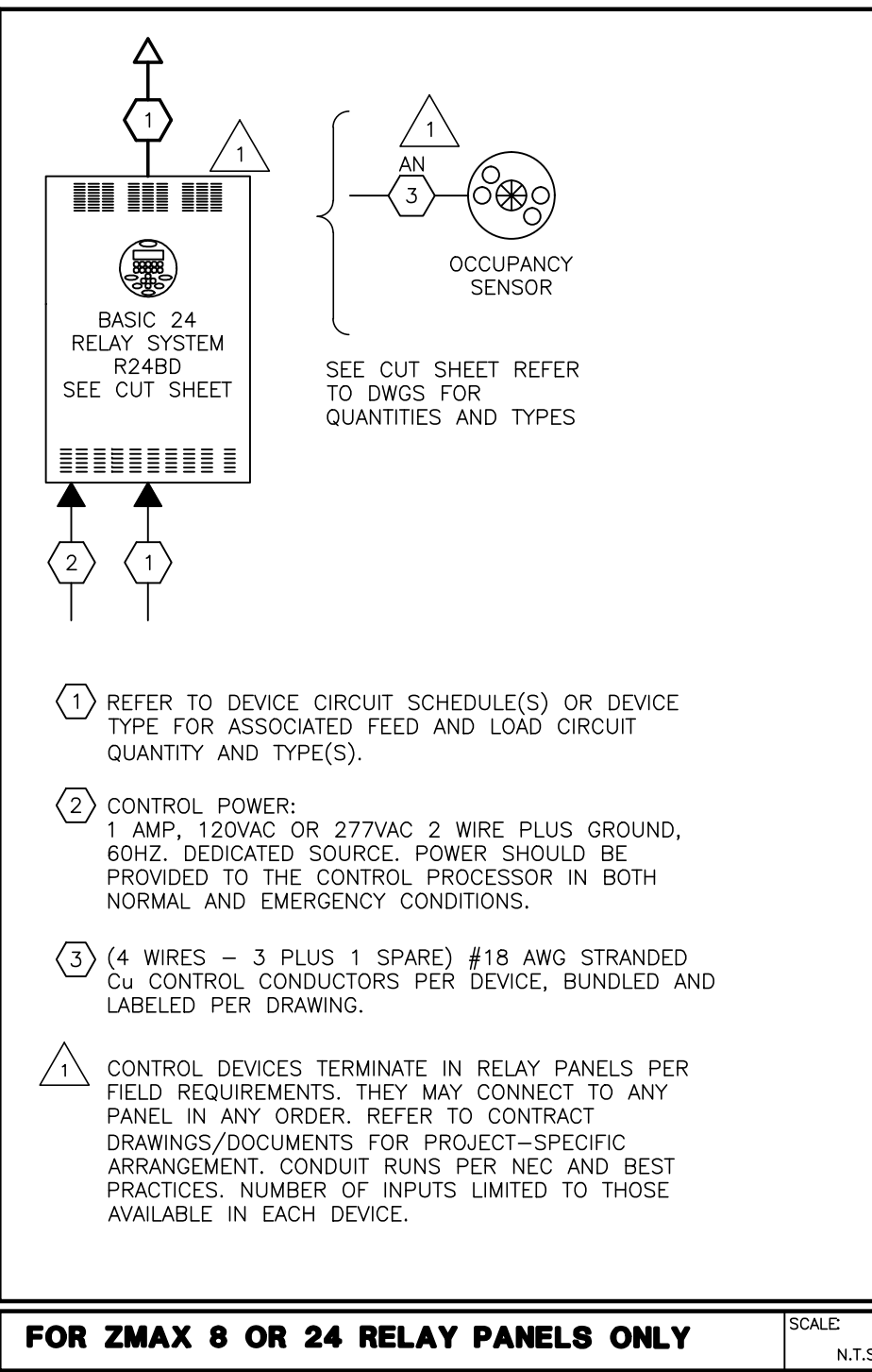
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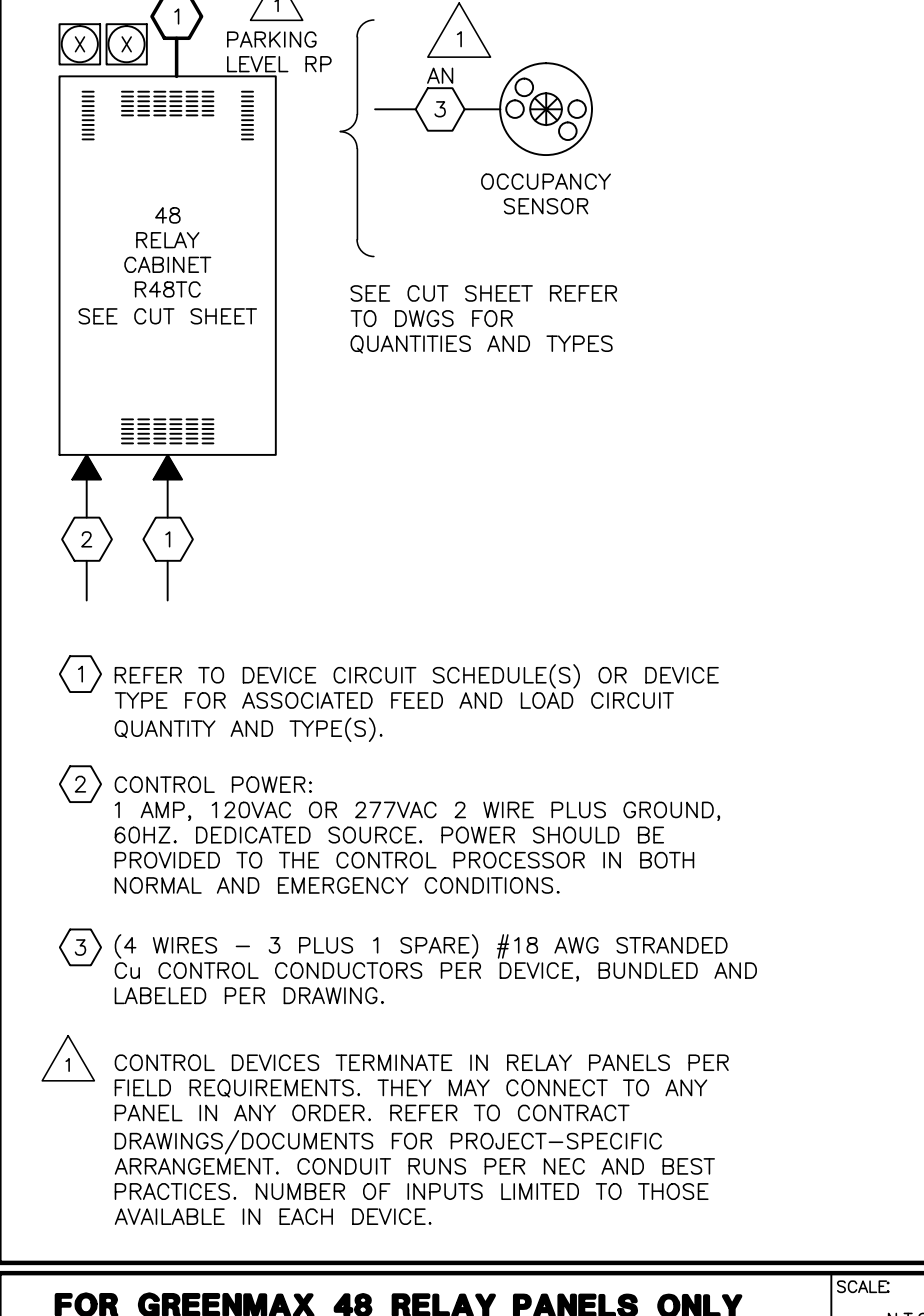
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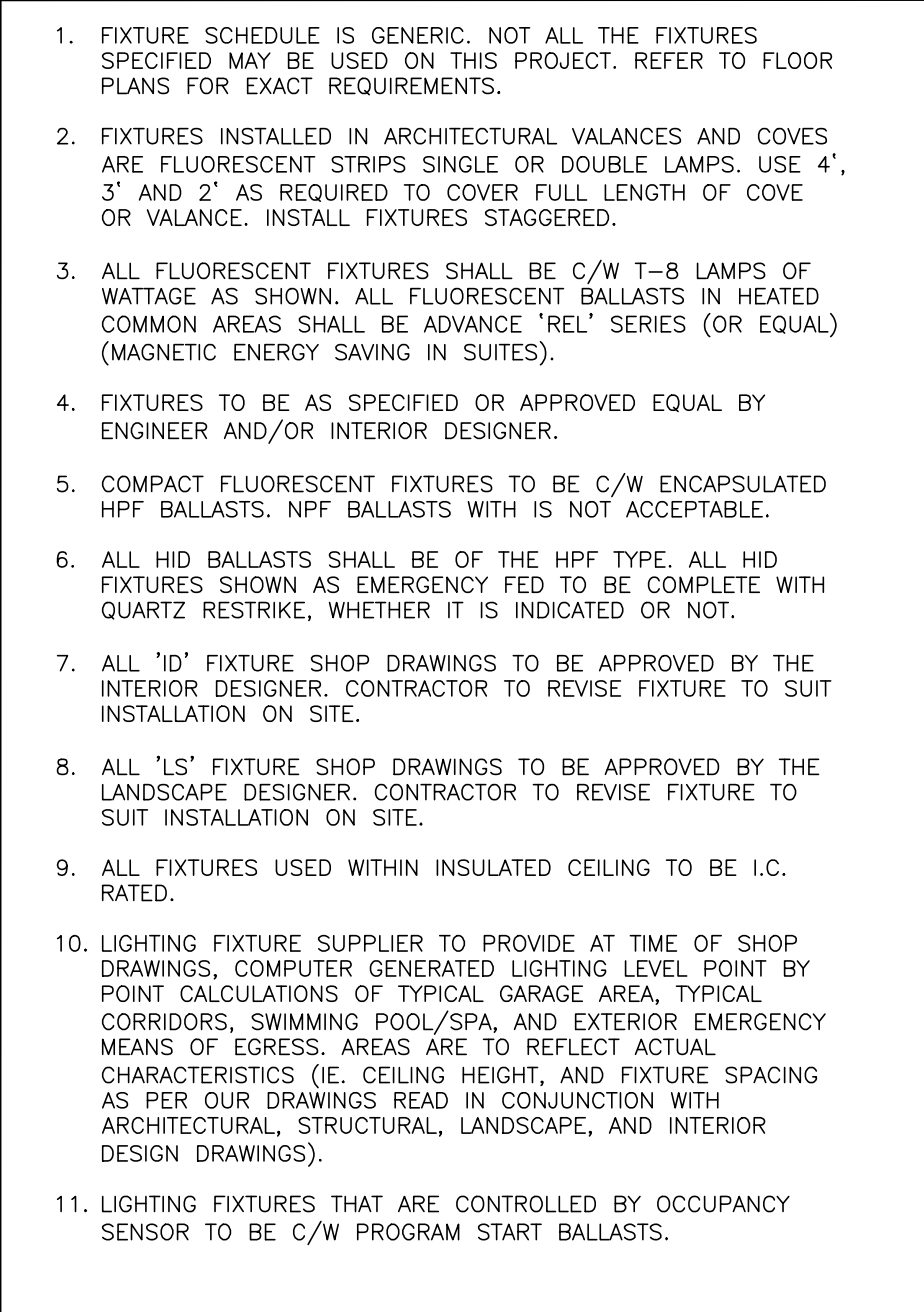
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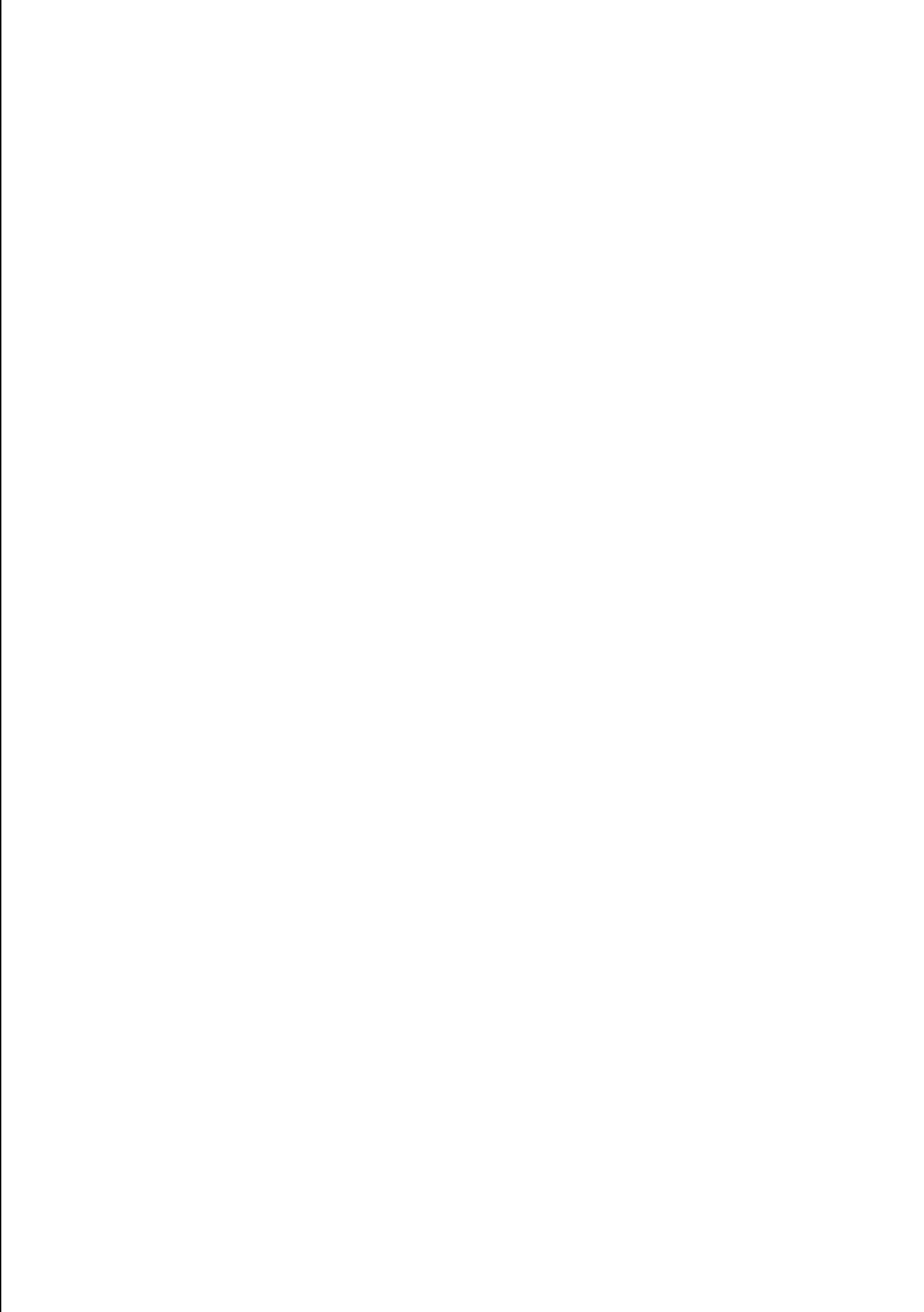
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3 OR LESS SENSORS WITHOUT MANUAL OVERRIDE SCALE: N.T.S.



3 OR LESS SENSORS WITHOUT MANUAL OVERRIDE SCALE: N.T.S.



3 OR LESS SENSORS WITHOUT MANUAL OVERRIDE SCALE: N.T.S.

INTERIOR DESIGN LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION	LAMPS	VOLT	MOUNTING	LOCATION	REMARKS			
A	PURA LIGHTING: RECESSED LED DOWN LIGHT SINGLE ROUND 3" CUB LED DOWN LIGHT P-RDL-10-A-12-WH-DM-30K	LED 1x12W	120V	SUSPENDED	P1 PARKING				
B	RECESSED POT LIGHT	T80	120V	RECESSED	MANAGEMENT/LOBBY				
C	PURA LIGHTING: RECESSED LED DOWN LIGHT SINGLE ROUND 3" CUB LED DOWN LIGHT P-RDL-10-A-12-WH-DM-30K	LED 1x12W	120V	RECESSED	LOBBY AND AMENITY AREAS				
D	PURA LIGHTING: MULTIPLE DOWN LIGHT LED 120V C/W P-RML-10-A-12-WH-DM-30K-FB-VT	LED 1x20W	120V	RECESSED	LOBBY AND AMENITY AREAS				
E	RECESSED POT LIGHT	T80	120V	RECESSED	LOBBY PRELAPSE				
F	PURA LIGHTING: RECESSED LED DOWN LIGHT SINGLE ROUND 3" CUB LED DOWN LIGHT P-RDL-10-A-12-WH-DM-30K	LED 1x12W	120V	RECESSED	CORRIDOR (CORRIDOR TO 7TH FL.)				
G	WALL WASHER FIXTURE SERIES: NON K2 BAR HANGER 300075, FINISH: WHITE	T80	120V	DOWNLIGHT WASHER	LOBBY				
H	PURA LIGHTING: 4" LED DOWNLIGHT WALL WASHER P-LRW-04W-DM-30K-800-NA	LED LUMENS: 800lm	120V	DOWNLIGHT WASHER	AMENITY AREAS				
I	PURA LIGHTING: LINEAR FLUORESCENT LED PROPER P-LDR-24-F-40-ND-120-30K	40W	120V	RECESSED	AMENITY AREAS				
J	PENDANT LIGHT	T80	120V	SUSPENDED	ELEVATOR LOBBY				
K	PENDANT LIGHT	T80	120V	SUSPENDED	FRONT LOBBY				
L	PURA LIGHTING: CUSTOM PENDANT LIGHT	T80	120V	SUSPENDED	MAIN LOBBY				
M	WALL SCENE	T80	120V		MAIN LOBBY				

SCALE: N.T.S.

LANDSCAPE LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION	LAMPS	VOLT	MOUNTING	LOCATION	REMARKS			
PHILIPS LUMEC	MTC-48W16L64K-02-LE4-120-DMG-COLTX POLE: SP540-15-COLTX	48W LED	120V	REFER TO LIGHTING OUT SHEET	SITE PLAN V DISTRIBUTION				
PHILIPS LUMEC	MTC-100W16L64K-02-LE2-120-DMG-HS-COLTX POLE: SP540-15-COLTX	16W LED	120V	REFER TO LIGHTING OUT SHEET	SITE PLAN V DISTRIBUTION				
PHILIPS RFM-72W32LE4K-02-4-UNN-DMG-RCD-COL		72W LED	120V	REFER TO LIGHTING OUT SHEET	SITE PLAN V DISTRIBUTION				
PHILIPS RFM-72W32LE4K-02-5-UNN-DMG-RCD-COL		72W LED	120V	REFER TO LIGHTING OUT SHEET	SITE PLAN V DISTRIBUTION				
PHILIPS LUMEC	CALBY-50MH-120-COLTX	50W MH	120V	REFER TO LIGHTING OUT SHEET	SITE PLAN				

SCALE: N.T.S.

TYPE	DESCRIPTION	LAMPS	VOLT	MOUNTING	LOCATION	REMARKS
	PHILIPS LUMEC MPTC-48W16LED4K-G2-LE4-120-DMG-COLTX P.O.E. SP540-15-COLTX	48W LED	120	REFER TO LIGHTING CUT SHEET	SITE PLAN	TYPE IV DISTRIBUTION
	PHILIPS LUMEC MPTC-18W16LED4K-G2-LE2-120-DMG-HS-COLTX P.O.E. SP540-15-COLTX	16W LED	120	REFER TO LIGHTING CUT SHEET	SITE PLAN	TYPE II DISTRIBUTION
	PHILIPS RFM-72W32LED4K-G2-4-UNV-DMG-RCD-COL	72W LED	120	REFER TO LIGHTING CUT SHEET	SITE PLAN	TYPE IV DISTRIBUTION
	PHILIPS RFM-72W32LED4K-G2-5-UNV-DMG-RCD-COL	72W LED	120	REFER TO LIGHTING CUT SHEET	SITE PLAN	TYPE V DISTRIBUTION
	CAUSEY-50W-120-COLTX BOLLARD	50W MH	120	REFER TO LIGHTING CUT SHEET	SITE PLAN	

PANEL IDENTIF:	B	SERVICE: 208Y/120V, 3ø, 4W MAIN CTT. BRK: - MANS: 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-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	SPACE
	31	32		
	33	34		
	35	36		
	37	38		
	39	40		
	41	42		

PANEL IDENTIFY:	EB	SERVICE: MAIN CTT. BRK: 208Y/120V, 3ø, 4W MANS: MOUNTING: 225 AMPS SURFACE	NOTES: ** LOCK ON BREAKER LOCATION:	
LOAD DESCRIPTION	WATTS	BRK CIRCUITS	BRK WATTS	LOAD DESCRIPTION
LIGHTING - LOBBY ELEVATORS	15A 1	2	15A	EXIT SIGNS - (P1) ***
LIGHTING - STAR A (P1)	15A 3	4	15A	EXIT SIGNS - (P1) ***
LIGHTING - STAR B (P1)	15A 5	6	15A	LOWER STAR PRESS FAN "F-9" SA
LIGHTING - STAR C (P1)	15A 7	8	15A	LOWER STAR PRESS FAN "F-9" SB
LIGHTING - STAR D (P1)	15A 9	10	15A	LOWER STAR 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 29	30		
	31	32		SPARE
	33	34		
	35	36		
	37	38		
	39	40		
	41	42		

PANEL IDENTIFY:	SUITE (TYPICAL)	SERVICE: 120/208V, 1ø, 3ø MAIN CTT. BRK: 100 AMPS MOUNTING: RECESSED				NOTES:	
		LOCATION:					
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
LTC., RECEPT. & SMOKE ALARM	1000	15A	1	2	15A**	1000	KITCHEN GF 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	RANGE (3 #ø)
EXTERIOR REC. GF AS REQUIRED	500	15A	11	12	2P		
GF RECEPTACLE	1000	15A	13	14	15A	800	FREGE
FAN COIL UNIT *	1000	15A	15	16	30A	3000	DRYER
FAN COIL UNIT **	1000	15A**	17	18	2P		
AUTO FLUSH TOILET *	15A	19	20	20	15A	1000	WASHER
SPARE	15A	21	22	22	15A	1000	DISHWASHER
SEPARATE RECEPTACLE **	500	15A	23	24	15A**	1000	BATHRM. HEATER (TOP FLOOR)**
COMBO MICROWAVE HOOD/FAN **	15A**	25	26	26	15A**	1000	MICROWAVE
DRYER EXHAUST FAN	15A	27	28	28	15A**	1000	SPLIT RECEPTACLE
WINDOW A/C UNIT **	1000	15A	29	30	2P		
SPARE	15A	31	32	32			SPACE
	15A	33	34	34			
	15A	35	36	36			
	15A	37	38	38			
	15A	39	40	40			
	15A	41	42	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 IDENTIFY:	C	SERVICE: MAIN CTT. BRK: 208Y/120V, 3ø, 4W MANS: MOUNTING: 225 AMPS SURFACE	NOTES: LOCATION:	
LOAD DESCRIPTION	WATTS	BRK CIRCUITS	BRK WATTS	LOAD DESCRIPTION
RECEPTABLES - AMENITY (1ST)	15A 1	2	15A	RECEPTABLES - STAIR 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)
FL EQUIP REC. - AMENITY (1ST)	15A 17	18	15A	CONDERGE FL REC. - (1ST)
SPARE	15A 19	20	15A	CONDERGE FL REC. - (1ST)
ELECTRICAL RM. - AMENITY (1ST)	15A 21	22	15A	REC. - M OFFICE/MAL (1ST)
EXT. BBQ REC. - AMENITY (1ST)	15A 23	24	15A	RECEPTABLES - M OFFICE (1ST)
EXT. BBQ REC. - AMENITY (1ST)	15A 25	26	15A	GF RECEPTABLES - WC (1ST)
EXTERIOR REC. - AMENITY (1ST)	15A 27	28	15A	GF RECEPTABLES - WC (1ST)
EXTERIOR REC. - AMENITY (1ST)	15A 29	30	15A	SPARE
GF RECEPTABLE-DOO SPA (1ST)	15A 31	32	15A	FRIDGE - AMENITY (1ST)
GF 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	COUNTER REC. - AMENITY (1ST)
LIGHTING - AMENITY (1ST)	15A 39	40	15A	
LIGHTING - AMENITY (1ST)	15A 41	42	15A	DISHWASHER - AMENITY (1ST)
LIGHTING - AMENITY (1ST)	15A 43	44	15A	SPARE
MOTORIZED BLINDS-LOBBY (1ST)	15A 45	46	15A	MICRO/HOOD FAN - AMENITY
SPARE	15A 47	48	40A	STOVE - AMENITY (1ST)
	15A 49	50	40A	
	15A 51	52	15A	SPARE
	15A 53	54	15A	
	15A 55	56	15A	
	15A 57	58	15A	
	15A 59	60	15A	
	61	62		
	63	64		
	65	66		
	67	68		
	69	70		
	71	72		

PANEL IDENTIF:	EC	SERVICE:	208Y/120V, 3ø, 4W		NOTES:	
		MAIN CTT. BRK:	=	225 AMPS SURFACE		
		MANS:	MOUNTING:		LOCATION:	
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	DOOR HOLD OPEN DEVICE - GR
LIGHTING - LOBBY (1ST FL)		15A	9	10	15A	DOOR HOLD OPEN DEVICE - 2ND
LIGHTING - AMENITY (1ST FL)		15A	11	12	15A	DOOR HOLD OPEN DEVICE - 3RD
LIGHTING - CORRIDOR (1ST FL)		15A	13	14	15A	DOOR HOLD OPEN DEVICE - 4TH
LIGHTING - CORRIDOR (1ST FL)		15A	15	16	15A	DOOR HOLD OPEN DEVICE - 5TH
LIGHTING - CORRIDOR (1ST FL)		15A	17	18	15A	DOOR HOLD OPEN DEVICE - 6TH
DOOR HOLD OPEN DEVICE - 7TH		15A	19	20	15A	DOOR HOLD OPEN DEVICE - 7TH
DOOR HOLD OPEN DEVICE - 7TH		15A	21	22	15A	SPARE
		15A	23	24	15A	
		15A	25	26	15A	
		15A	27	28	15A	
		15A	29	30	15A	
SPACE		31	32	32		SPACE
		33	34	34		
		35	36	36		
		37	38	38		
		39	40	40		
		41	42	42		

PANEL IDENTIF:	ECN	SERVICE: MAIN CTT. BRK: MANS: MOUNTING:	208Y/120V, 3ø, 4W = 225 AMPS SURFACE	NOTES:		
				LOCATION:		
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 RISER CONTROL PANEL		15A	5	6	15A	AUTO DOOR OPENER (GND WC)
TEL./TV RECEPTABLES		15A	7	8	15A	AUTO DOOR OPENER (GND)
TEL./TV RECEPTABLES		15A	9	10	15A	AUTO DOOR OPENER (2ND)
ENTERPHONE PANEL-MAIN ENTR.		15A	11	12	15A	AUTO DOOR OPENER (3RD)
MASTER OPERATING SWITCH FOR F/A		15A	13	14	15A	AUTO DOOR OPENER (4TH)
ELEVATOR SUMP PUMP P-10 (P1)		15A	15	16	15A	AUTO DOOR OPENER (5TH)
SPARE		15A	17	18	15A	AUTO DOOR OPENER (6TH)
		15A	19	20	15A	AUTO DOOR OPENER (7TH)
		15A	21	22	15A	SPARE
		15A	23	24	15A	
		15A	25	26	15A	
		15A	27	28	15A	
		15A	29	30	15A	
			31	32		
			33	34		
			35	36		
			37	38		
			39	40		
			41	42		
SPACE						SPACE

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

PANEL IDENTIFY	ED	SERVICE:		208Y/120V, 3ø, 4W		NOTES:	
		MAIN CTT. BRK:	-	MANS:	225 AMPS SURFACE		
		MOUNTING:				LOCATION:	
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
LIGHTING - STAR A (1ST-3RD)		15A	1	2	15A		EXIT SIGNS STAR A (1ST-7TH) **
LIGHTING - STAR B (4TH-PH)		15A	3	4	15A		EXIT SIGNS STAR B (1ST-7TH) **
LIGHTING - STAR B (1ST-3RD)		15A	5	6	15A		EXIT SIGNS CORRIDOR (1ST-7TH) ***
LIGHTING - STAR 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)
MOTORIZED DAMPERS STAR A		15A	19	20	15A		LIGHTING - CORRIDOR (4TH-5TH)
MOTORIZED DAMPERS STAR B		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
		15A	31	32			
		15A	33	34			
		15A	35	36			
		15A	37	38			
		15A	39	40			
		15A	41	42			

PANEL IDENTIFY: EF		SERVICE: 208Y/120V, 3ø, 4W MAIN CTT. BRK: - MANS: MOUNTING: 225 AMPS SURFACE				NOTES:	
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
HEAT TRACING AS REQUIRED		15A 1	1	2	15A		HEAT TRACING AS REQUIRED
		15A 3	2	4	15A		
		15A 5	3	6	15A		
		15A 7	4	8	15A		
		15A 9	5	10	15A		
		15A 11	6	12	15A		
		15A 13	7	14	15A		
		15A 15	8	16	15A		
		15A 17	9	18	15A		
		15A 19	10	20	15A		
		15A 21	11	22	15A		
		15A 23	12	24	15A		
		15A 25	13	26	15A		
		15A 27	14	28	15A		
		15A 29	15	30	15A		
		15A 31	16	32	15A		
		15A 33	17	34	15A		
		15A 35	18	36	15A		
		15A 37	19	38	15A		
		15A 39	20	40	15A		
		15A 41	21	42	15A		

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