



UNITED ENGINEERING INC
Mechanical and Electrical Consulting Engineers

3645 Keele St. #105
Toronto, ON, M3J 1M6
Email: info@u-eng.ca
T: (416) 398-1999
F: (416) 398-1933

SITE SUPPLEMENTAL INSTRUCTION

PROJECT: Forestside Estates
Attmar & Palleschi Drive
Brampton, Ontario

PROJECT NO.: 18-017

CONTRACT: Electrical

DATE: June 04, 2021

SITE SI NO. E-6

THIS SITE SUPPLEMENTAL 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: Revised as per Arch SI A01 and Mech S SI M-2.

1.0 Reference Drawings E-2A/2B (Parking Level - Electrical) Issued

1.1 Revise: Electrical layout as shown, all elevator sump pump location revised.

2.0 Reference Drawings E-3 (Ground Floor - Electrical) Issued
E-4 (2nd Floor – Electrical)
E-5 (3rd Floor – Electrical)

2.1 Revise: Electrical layouts for building D and clarification as shown.

3.0 Reference Drawings E-7 (Roof -Electrical) Issued

3.1 Add: Condensing units for building D as shown.

4.0 Reference Drawings E-8 (Typical Suite Layout -Electrical) Issued

4.1 Add: Typical suite layouts and clarification as shown.

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

5.1 Revise: Risers for building D as shown.

6.0 Reference Drawings E-12 (Single Line Diagram - Electrical) Issued

6.1 Revise: Single line diagram as shown.

Project #18-017
Forestsides Estates

PREPARED BY: _____ *Susan Pan* _____
Susan Pan
Electrical Department

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



- KEY NOTES:**
- ◇ WHEN CONNECTING GARAGE LIGHTS TO "OSS", EACH SENSOR TO BE AS A LIGHT
 - ◇ CO AUDIO/VISUAL REMOTE INDICATOR LIGHT
 - ◇ GENERATOR BLOCK HEATER (CONFIRM LOCATION ON SITE) EBI-19/21
 - ◇ GENERATOR BATTERY CHARGER EBI-17
 - ◇ INSULATE AND ELECTRICALLY TRACE ALL SPRINKLER PIPES AND HEADS IN GENERATOR ROOM FED FROM PANEL EF
 - ◇ TOP OF LOWER STAIR SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
 - ◇ GARBAGE COMPACTOR TRISORT, EXACT LOCATION TBC
 - ◇ 20A TRISORTER CONTROL PANEL
 - ◇ ALL ELECTRICAL DEVICES LOCATED IN GARBAGE ROOM SHOULD BE WEATHER PROOF (TYPICAL)
 - ◇ -1/2" CONDUIT OUTLETS FOR:
 - TELEPHONE
 - ELEVATOR RECALL
 - SECURITY/INTERCOM
 - GEN. HOMING SIGNAL
 CONFIRM EXACT QUANTITY AND TERMINATE ON SITE AS PER THE LOCATION OF CONTROLLER SHOWN IN ELEVATOR SHOP DRAWINGS. COORDINATE WITH ELEVATOR INSTALLER PRIOR TO ROUGH IN.
 - ◇ DISCONNECTS FOR ELEVATOR POWER SUPPLY FED FROM ELEVATOR SPLITTER (SEE) DISCONNECTS FOR GAR LIGHTS (SEE) REFER TO SINGLE LINE DIAGRAM FOR DETAILS. EXACT LOCATION PER ELEVATOR SHOP DRAWINGS.
 - ◇ VANDAL PROOF ELEVATOR SUMP PIT "P-4" (DUPLICATE) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL. EXACT CIRCUITS AS SHOWN
 - ◇ GARAGE EXHAUST FAN, FED FROM MDP1 PROVIDE VANDAL PROOF CONTROL EQUIPMENT, TO BE INTERLOCKED WITH CO SYSTEM (ONE UNIT IN TOP OF THE OTHERS)
 - ◇ VANDAL PROOF SANITARY SUMP PIT C/W PUMP "P-2" (DUPLICATE) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL
 - ◇ NOT USED
 - ◇ PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL DOMESTIC COLD WATER PIPING OUTSIDE HEATED PLENUM (TYPICAL) FED FROM PANEL EF
 - ◇ PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL VERTICAL NON FREEZE HOSE BIB PIPING OUTSIDE HEATED PLENUM (TYPICAL FOR 12) FED FROM PANEL EF
 - ◇ INSULATE AND ELECTRICALLY TRACE EXPOSED PIPING FED FROM PANEL EF
 - ◇ NOT USED
 - ◇ VANDAL PROOF STORM SUMP PIT C/W PUMP "P-3" (DUPLICATE) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL
 - ◇ NOT USED
 - ◇ 1kW HEATER C/W BUILT IN THERMOSTAT IN HEATED PIPE SPACE, BUILDING A AND BUILDING D FED FROM PANEL H1 BUILDING B AND BUILDING C FED FROM PANEL H2 REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION, QUANTITY AND DETAILS.
 - ◇ NOT USED
 - ◇ WIRELESS SIGNAL RECEIVER TO ACTIVATE O/H DOOR AND OR CATAWAS WEATHERPROOF
 - ◇ O/H DOOR CONTROL PANEL TO BE INTERCONNECTED TO FIRE ALARM SYSTEM TO OPEN UPON ACTIVATE OF FIRE ALARM
 - ◇ 20# NON FREEZE HOSE BIB PIPE TO ABOVE PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL VERTICAL NON FREEZE HOSE BIB PIPE TO ABOVE UP TO NFHB (TYPICAL OF 16) FED FROM PANEL EF
 - ◇ SMOKE DETECTOR C/W RELAY FOR ELEVATOR RECALL
 - ◇ WET SPRINKLER PIPING TO BE ELECTRICALLY TRACED AND INSULATED, FED FROM PANEL EF
 - ◇ AIR COMPRESSOR FED FROM PANEL DPEB1 CONFIRM EXACT LOCATION ON SITE
 - ◇ DISCONNECT SWITCH AND 4"x4" JUNCTION BOX 1-1/4" CONDUIT FOR POWER TO MAIN ELECTRICAL ROOM 3/4" CONDUIT FOR COMMUNICATION TO COMMUNICATION ROOM ROUND-IN FOR PROVISION FOR FUTURE GAS CHARGING SYSTEM PLUS CONFIGURATION TO SUIT SUPPLIER PIPE. PROVIDE SEPARATE CHECK METER. REFER TO KSI CHARGING SYSTEMS. FED FROM DP-25.

- NOTES:**
1. ALL INSULATE AND ELECTRICALLY HEAT TRACING TO BE READ IN CONJUNCTION WITH MECHANICAL AND SPRINKLER DRAWINGS.
 2. PROVIDE LOW POWER SUPPLY FOR IRRIGATION CONTROLLER FED FROM M1-38 EXACT IRRIGATION CONTROLLER LOCATION AND POWER REQUIREMENT FOR IRRIGATION PUMP "P-X" TBC BY LANDSCAPE DESIGNER.

GENERAL NOTES:

1. A COMPLETE NETWORKED GAS DETECTION AND CONTROL SYSTEM TO BE PROVIDED AND INSTALLED WHERE THE VENTILATION SYSTEM MAY BE HOOD UP DIRECTLY TO THE GAS DETECTION SYSTEM. (REFER TO GAS DETECTOR SYSTEM TYPICAL INSTALLATION DETAIL FOR MORE INFORMATION).
2. FINAL DRIFT P-TRAPS AND TEST POINTS LOCATIONS MUST BE CO-ORDINATED WITH THE FIRE PROTECTION CONTRACTOR ON SITE. ALL DRIFT P-TRAPS AND TEST POINTS TO BE ELECTRICALLY TRACED AND INSULATED. FED FROM PANEL EF (TYPICAL). REFER TO THE PROTECTION DRAWINGS FOR EXACT LOCATION FOR DRIFT P-TRAPS, TEST CONNECTIONS, TBC AND OTHER PIPE TRACING REQUIREMENT IN THE PROTECTION SYSTEM. AS NOT AVAILABLE AT THE TIME OF TENDER.
3. FINAL EXPOSED P-TRAPS MUST BE CO-ORDINATED WITH MECHANICAL CONTRACTOR ON SITE. ALL EXPOSED P-TRAPS TO BE ELECTRICALLY TRACED AND INSULATED. FED FROM PANEL EF (TYPICAL).
4. PROVIDE LIGHT SENSORS/OCCUPANCY SENSORS WHICH IS (ARE) INTERLOCKED WITH THE OPERATION OF THE EXHAUST FAN SERVING THE ROOM FOR MECHANICAL ROOMS AND STORAGE ROOMS. ELSE PROVIDE SENSORS OPERATION FOR THESE FANS. REFER TO MECHANICAL FAN SCHEDULE FOR FANS TO BE 24RS OPERATION (TYPICAL).
5. ALL OCCUPANCY SENSOR INSTALLATION TO BE AS PER MANUFACTURER RECOMMENDATION.
6. EXIT SIGNS TO BE 5V OR LESS PER FACE.

NO.	BY	DESCRIPTION	DATE
10	SP	ISSUED FOR SITE INSTRUCTION E-6	JUN. 04, 2021
09	SP	ISSUED FOR SITE INSTRUCTION E-1	APR. 13, 2021
08	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION	MAR. 26, 2021
07	SP	ISSUED FOR PERMIT BUILDINGS A, B, C, D	MAR. 03, 2021
06	SP	ISSUED FOR ADD E-4	FEB. 08, 2021
05	SP	ISSUED FOR ADD E-3	JAN. 18, 2021
04	SP	ISSUED FOR PERMIT	SEP. 28, 2020
03	SP	ISSUED FOR ADD E-2	JUN. 15, 2020
02	SP	ISSUED FOR ADD E-1	SEP. 16, 2019
01	SP	ISSUED FOR TENDER	AUG. 02, 2019

REVISIONS

This drawing is an instrument of service, is provided by and is the property of United Engineering Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify United Engineering Inc. of any discrepancy before proceeding. United Engineering Inc. is not responsible for the accuracy of Architectural, structural, interior design, etc., on this drawing. Refer to the appropriate trade drawings before proceeding with any work. Installation must conform to all applicable codes and requirements of the authorities having jurisdiction. This drawing is not to be scaled, all symbols are graphic representations only.

UNITED ENGINEERING INC.
 Mechanical Electrical Consulting Engineers
 3645 Keele Street, Suite 105,
 Toronto, Ontario, M3J 1M6
 Tel: (416) 398 1999, Fax: (416) 398 1933

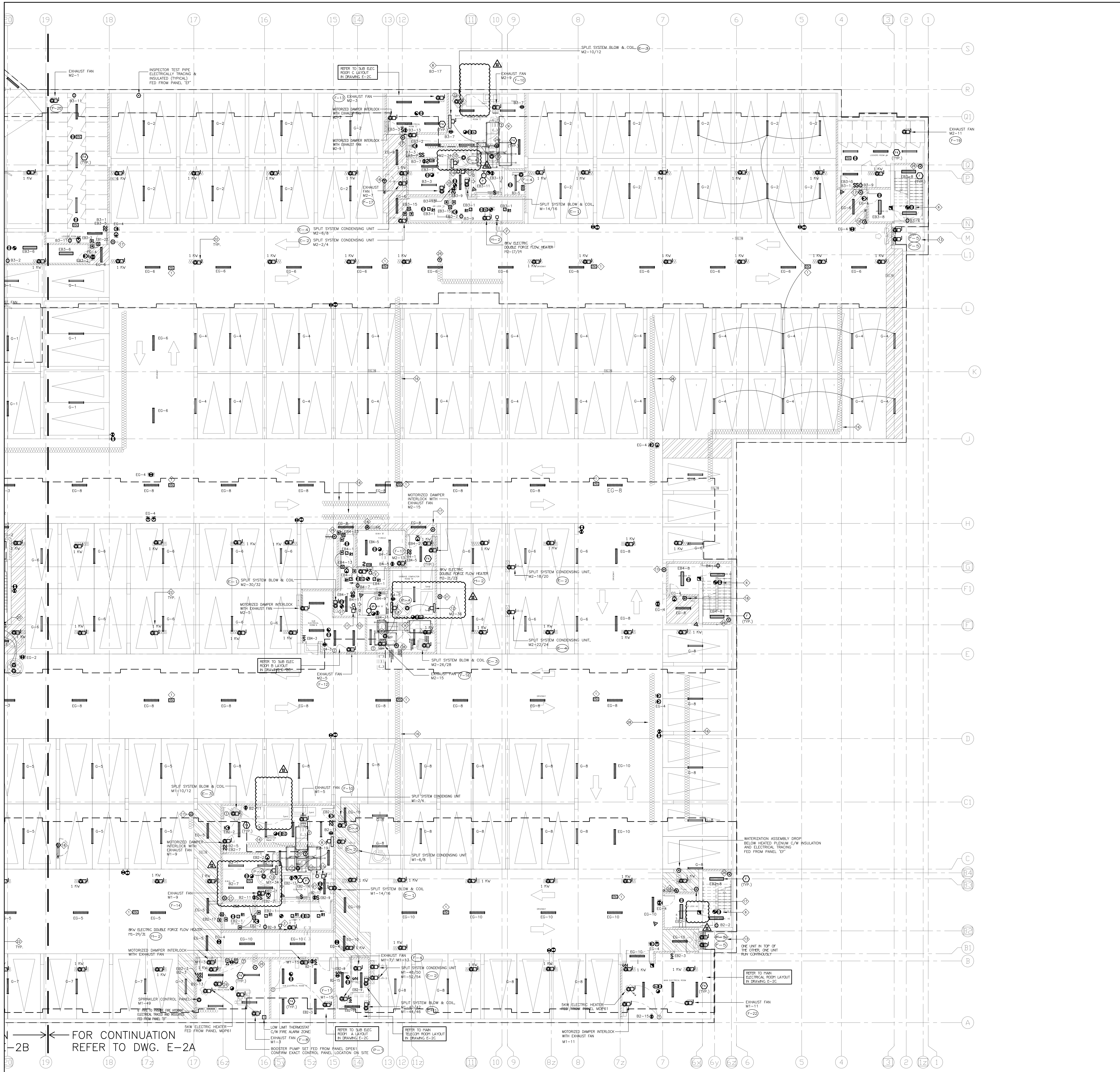
TITLE: **PARKING LEVEL PART A ELECTRICAL**

PROJECT: **BRAMPTON STACKED FORESTSIDE ESTATES**

ATTMAY + PALLESCHI DRIVE
 BRAMPTON, ONTARIO

DRAWN	CHECKED	SCALE
SP	MG	1:100
DATE	PROJECT	DRAWING
MAY, 2019	18-017	E-2A
		OF 16

FOR CONTINUATION → FOR REF
 REFER TO DWG. E-2B



- KEY NOTES:**
- ◇ WHEN CONNECTING GARAGE LIGHTS TO "OSC", EACH SENSOR TO BE AS A LIGHT BURN.
 - ◇ CO AUDIO/VISUAL REMOTE INDICATOR LIGHT.
 - ◇ NOT USED
 - ◇ NOT USED
 - ◇ NOT USED
 - ◇ TOP OF LOWER STAIR SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
 - ◇ GARAGE COMPACTOR TRISORT. EXACT LOCATION TBC FED FROM DP2.
 - ◇ 20A TRISORTER CONTROL PANEL
 - ◇ ALL ELECTRICAL DEVICES LOCATED IN GARAGE ROOM SHOULD BE WEATHER PROOF (TYPICAL)
 - ◇ -1/2" CONDUIT OUTLETS FOR:
 - TELEPHONE
 - ELEVATOR
 - SECURITY INTERCOM
 - GEN. HOMING SIGNAL
 - ◇ CONFIRM EXACT QUANTITY AND TERMINATE ON SITE, AS PER THE LOCATION OF CONTROLLER SHOWN IN ELEVATOR SHOP DRAWINGS. COORDINATE WITH ELEVATOR INSTALLER PRIOR TO ROUGH IN.
 - ◇ DISCONNECTS FOR ELEVATOR POWER SUPPLY FED FROM ELEVATOR SPLITTER SP1 DISCONNECTS FOR CAB LIGHTS ETC. REFER TO SINGLE LINE DIAGRAM FOR DETAILS. EXACT LOCATION PER ELEVATOR SHOP DRAWINGS.
 - ◇ VANDAL PROOF ELEVATOR SUMP PIT "P-4" (DUPLICATE) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL.
 - ◇ GARAGE EXHAUST FAN FED FROM MDP61 PROVIDE VANDAL PROOF CONTROL EQUIPMENT, TO BE INTERLOCKED WITH CO SYSTEM (ONE UNIT IN TOP OF THE OTHER)
 - ◇ VANDAL PROOF SANITARY SUMP PIT C/W PUMP "P-2" (DUPLICATE) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL.
 - ◇ NOT USED
 - ◇ PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL DOMESTIC COLD WATER PIPING OUTSIDE HEATED PLENUM (TYPICAL) FED FROM PANEL "EF"
 - ◇ PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL VERTICAL NON FREEZE HOSE BIB PIPING OUTSIDE HEATED PLENUM (TYPICAL FOR 12) FED FROM PANEL "EF"
 - ◇ INSULATED AND ELECTRICALLY TRACE EXPOSED PIPING FED FROM PANEL "EF"
 - ◇ NOT USED
 - ◇ VANDAL PROOF STORM SUMP PIT C/W PUMP "P-3" (DUPLICATE) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL.
 - ◇ 50P SUMP PUMP DISCHARGE UP ELECTRICALLY TRACED & INSULATED, FED FROM PANEL "EF"
 - ◇ 1KW HEATER C/W BUILT IN THERMOSTAT IN HEATED PIPE SPACE, BUILDING A AND BUILDING D FED FROM PANEL H1 BUILDING B AND BUILDING C FED FROM PANEL H2 REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION, QUANTITY AND DETAILS.
 - ◇ NOT USED
 - ◇ NOT USED
 - ◇ 20K NON FREEZE HOSE BIB PIPE TO ABOVE PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL VERTICAL NON FREEZE HOSE BIB PIPE TO ABOVE UP TO NFHB (TYPICAL FOR 16) FED FROM PANEL "EF"
 - ◇ SMOKE DETECTOR C/W RELAY FOR ELEVATOR REDCALL
 - ◇ WET SPRINKLERED PIPING TO BE ELECTRICALLY TRACED AND INSULATED, FED FROM PANEL "EF"
 - ◇ AIR COMPRESSOR FED FROM PANEL DPE1 CONFIRM EXACT LOCATION ON SITE.

- NOTES:**
1. ALL INSULATE AND ELECTRICALLY TRACE TO BE READ IN CONJUNCTION WITH MECHANICAL AND SPRINKLER DRAWINGS.
 2. PROVIDE 120V POWER SUPPLIER FOR IRRIGATION CONTROLLER FED FROM M1-38 EXACT IRRIGATION CONTROLLER LOCATION AND POWER REQUIREMENT FOR IRRIGATION PUMP "P-X" TBC BY LANDSCAPE DESIGNER.

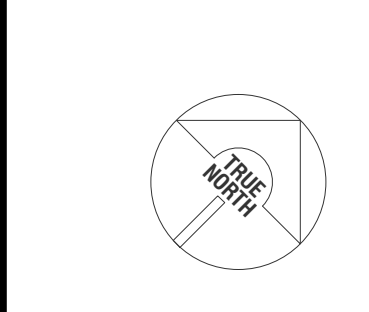
GENERAL NOTES:

1. A COMPLETE NETWORKED GAS DETECTION AND CONTROL SYSTEM TO BE PROVIDED AND INSTALLED WHERE THE VENTILATION SYSTEM WILL BE HOODED UP DIRECTLY TO THE GAS DETECTION SYSTEM. (REFER TO CO INDOOR SYSTEM TYPICAL INSTALLATION DETAIL FOR PIPE INFORMATION).
2. FINAL DRIFT DPT AND TEST POINTS LOCATIONS MUST BE CO-ORDINATED WITH THE FIRE PROTECTION CONTRACTOR ON SITE. ALL DRIFT DPT'S AND TEST POINTS TO BE ELECTRICALLY TRACED AND INSULATED. FED FROM PANEL "EF" (TYPICAL)
3. FINAL DRIFT DPT AND TEST POINTS LOCATIONS MUST BE CO-ORDINATED WITH THE FIRE PROTECTION CONTRACTOR ON SITE. ALL EXPOSED P-TRAPS TO BE ELECTRICALLY TRACED AND INSULATED. FED FROM PANEL "EF" (TYPICAL)
4. PROBE LIGHT SWITCHES/OCCUPANCY SENSORS WHICH IS (ARE) INTRODUCED WITH THE OPERATION OF THE EXHAUST FAN DURING THE ROOF FOR MECHANICAL ROOMS AND STORAGE ROOMS. ELSE PROVIDE OWNERS OPERATION FOR THESE FANS. REFER TO MECHANICAL FAN SCHEDULE FOR FANS TO BE 24HRS OPERATION (TYPICAL)
5. ALL OCCUPANCY SENSOR SCHEDULE TO BE AS PER MANUFACTURER RECOMMENDATION.
6. EXIT SIGNS TO BE 5V OR LESS PER FACE.

NO.	BY	DESCRIPTION	DATE
11	SP	ISSUED FOR SITE INSTRUCTION E-6	JUN. 04, 2021
10	SP	ISSUED FOR SITE INSTRUCTION E-4	MAY. 04, 2021
09	SP	ISSUED FOR SITE INSTRUCTION E-1	APR. 13, 2021
08	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION	MAR. 26, 2021
07	SP	ISSUED FOR PERMIT BUILDINGS A, B, C, D	MAR. 03, 2021
06	SP	ISSUED FOR ADD E-4	FEB. 08, 2021
05	SP	ISSUED FOR ADD E-3	JAN. 18, 2021
04	SP	ISSUED FOR PERMIT	SEP. 28, 2020
03	SP	ISSUED FOR ADD E-2	JUN. 15, 2020
02	SP	ISSUED FOR ADD E-1	SEP. 16, 2019
01	SP	ISSUED FOR TENDER	AUG. 02, 2019

REVISIONS

This drawing is an instrument of service, is provided by and is the property of United Engineering Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify United Engineering Inc. of any discrepancy before proceeding. United Engineering Inc. is not responsible for the accuracy of Architectural, structural, interior design, etc., on this drawing. Refer to the appropriate trade drawings before proceeding with any work. Installation must conform to all applicable codes and requirements of the authorities having jurisdiction. This drawing is not to be scaled, all symbols are graphic representations only.



UNITED ENGINEERING INC.
 Mechanical Electrical Consulting Engineers
 3645 Keele Street, Suite 105,
 Toronto, Ontario, M3J 1M6
 Tel: (416) 398 1999, Fax: (416) 398 1933

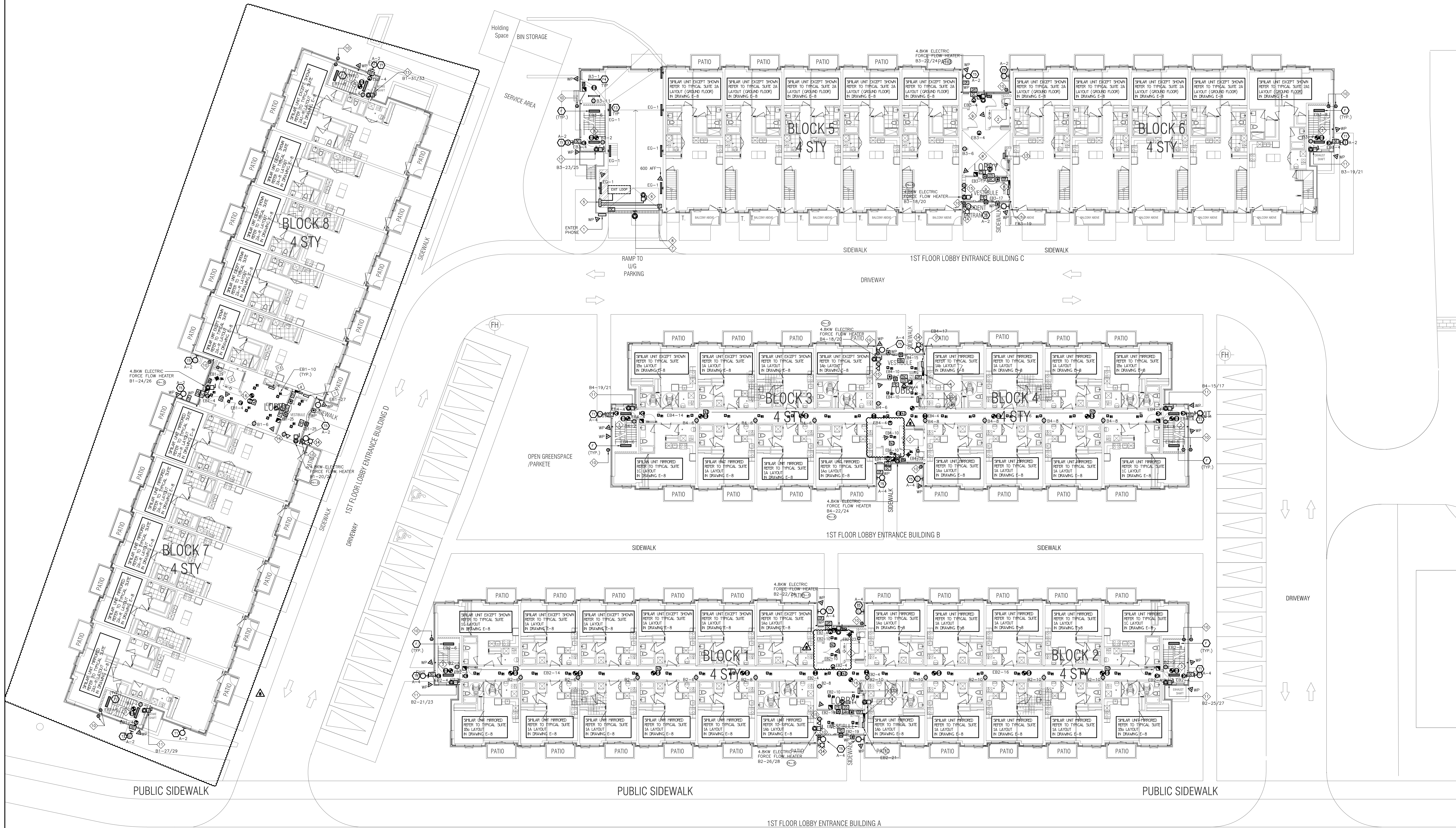
TITLE: **PARKING LEVEL PART B ELECTRICAL**
 PROJECT: **BRAMPTON STACKED FORESTSIDE ESTATES**
 ATTAMAR + PALLESCI DRIVE
 BRAMPTON, ONTARIO

DATE	PROJECT	SCALE	DRAWING
MAY, 2019	18-017	1:100	E-2B
			OF 16

FOR CONTINUATION REFER TO DWG. E-2A

KEY NOTES

- ◇ ENTERPHONE PANEL C/W THE INTERBUILDING CCTV SYSTEM, CARD READER, AND SYSTEM DIALER. CONFIRM EXACT LOCATION ON SITE. WEATHER PROOF
- ◇ JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
- ◇ TOP OF STAIR
- ◇ SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
- ◇ FIRE ALARM ANNUNCIATOR (ALL FIRE ALARM ANNUNCIATOR TO BE STAINLESS STEEL - TYPICAL)
- ◇ O/H DOOR CONTROL PANEL TO BE INTERCONNECTED TO FIRE ALARM SYSTEM TO OPEN UPON ACTIVATION OF FIRE ALARM
- ◇ O/H DOOR OPERATOR FED FROM DPE#1
- ◇ "DO NOT ENTER" SIGNAGE INTERCONNECTED TO FIRE ALARM FED FROM B3-10
- ◇ WIRELESS SIGNAL RECEIVER TO ACTIVATE O/H DOOR AND/OR GATEARMS. WEATHERPROOF
- ◇ FOR CEILING LAYOUT LIGHT/FIRE ALARM REFER TO 2ND FLOOR
- ◇ 200 NON FREEZE HOSE BB PIPING FROM BELOW COMPLETE WITH ELECTRICAL TRACING AND INSULATION
- ◇ 120V ELECTRIC 1H-T TRIPLE FORCE FLOW HEATER ORGAT AS SHOWN
- ◇ NOT USED
- ◇ BUILDING STATUS ANNUNCIATOR
- ◇ FIRE DEPT APPROVED FIRE SMOKE LIGHTS TO BE INTERCONNECTED TO FIRE ALARM SYSTEM TO IDENTIFY ACTIVATED BUILDING
- ◇ SMART BONES FOR SPECIAL DELIVERIES, CROCKETS: B1-34/ B2-34/ B3-33/ B4-30
- ◇ SMOKE DETECTOR C/W RELAY FOR ELEVATOR RESCAL



NO.	BY	DESCRIPTION	DATE
08	SP	ISSUED FOR SITE INSTRUCTION E-6	JUN. 04, 2021
07	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION	MAR. 26, 2021
06	SP	ISSUED FOR PERMIT BUILDINGS A, B, C, D	MAR. 03, 2021
05	SP	ISSUED FOR ADD E-4	FEB. 08, 2021
04	SP	ISSUED FOR ADD E-3	JAN. 19, 2021
03	SP	ISSUED FOR PERMIT	SEP. 28, 2020
02	SP	ISSUED FOR ADD E-2	JUN. 15, 2020
01	SP	ISSUED FOR TENDER	AUG. 02, 2019

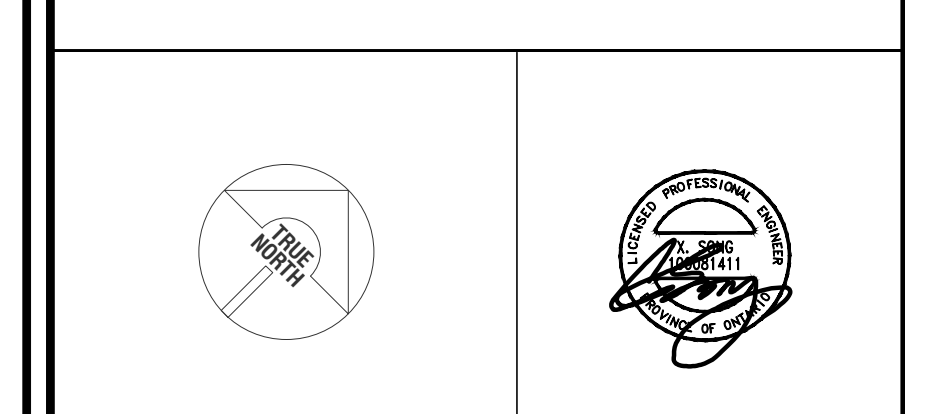
REVISIONS

This drawing is an instrument of service, is provided by and is the property of United Engineering Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify United Engineering Inc. of any discrepancy before proceeding.

United Engineering Inc. is not responsible for the accuracy of Architectural, structural, interior design, etc., on this drawing.

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

This drawing is not to be scaled, all symbols are graphic representations only.



UNITED ENGINEERING INC.
 Mechanical Electrical Consulting Engineers
 3645 Keele Street, Suite 105,
 Toronto, Ontario, M3J 1M6
 Tel: (416) 398 1999, Fax: (416) 398 1933

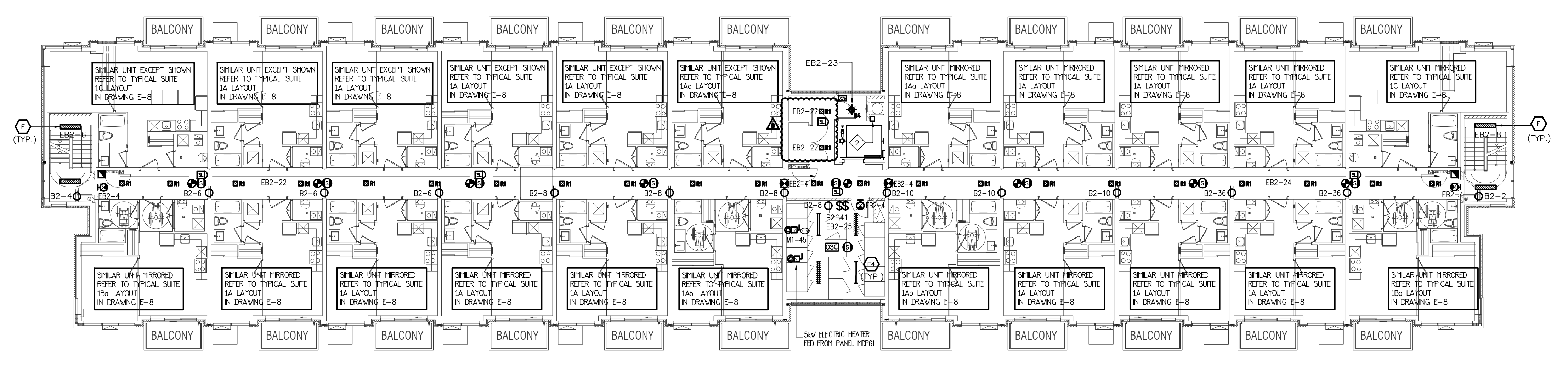
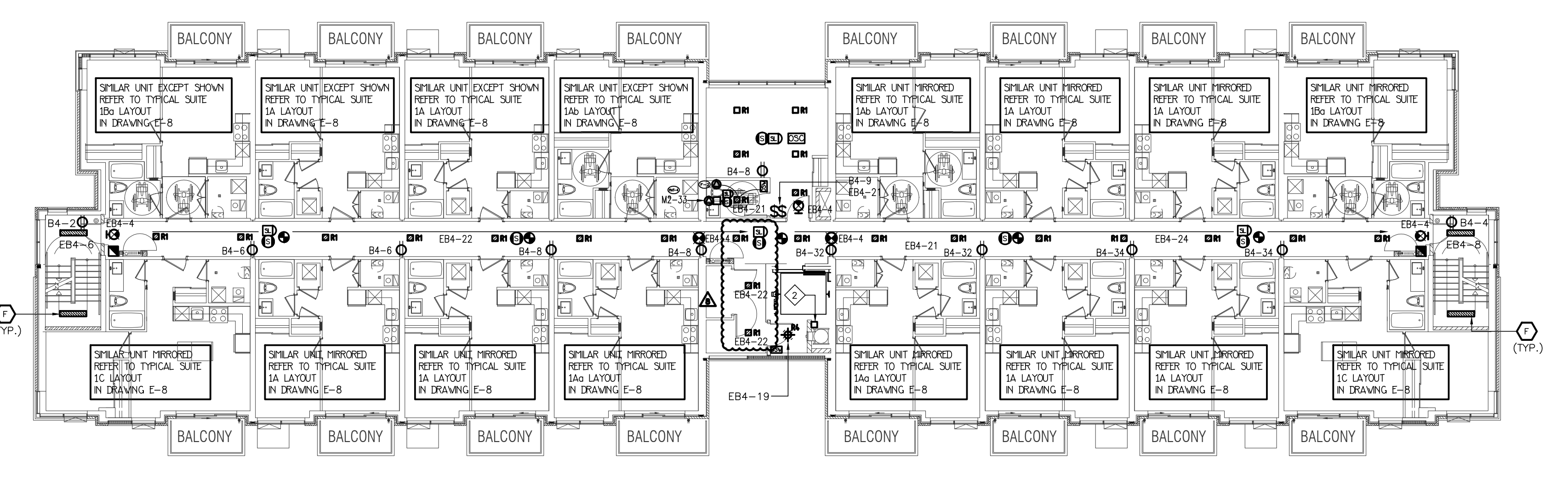
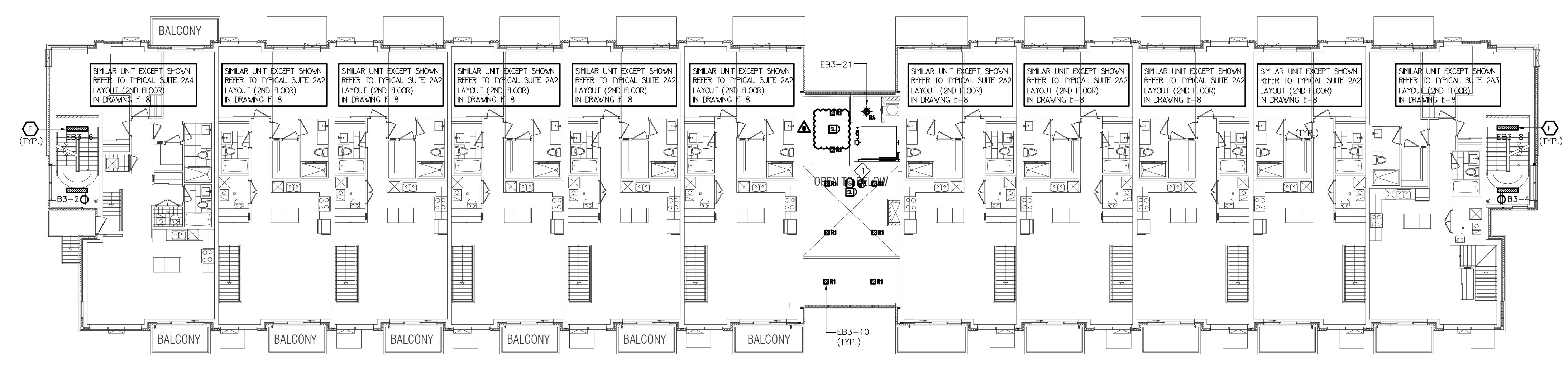
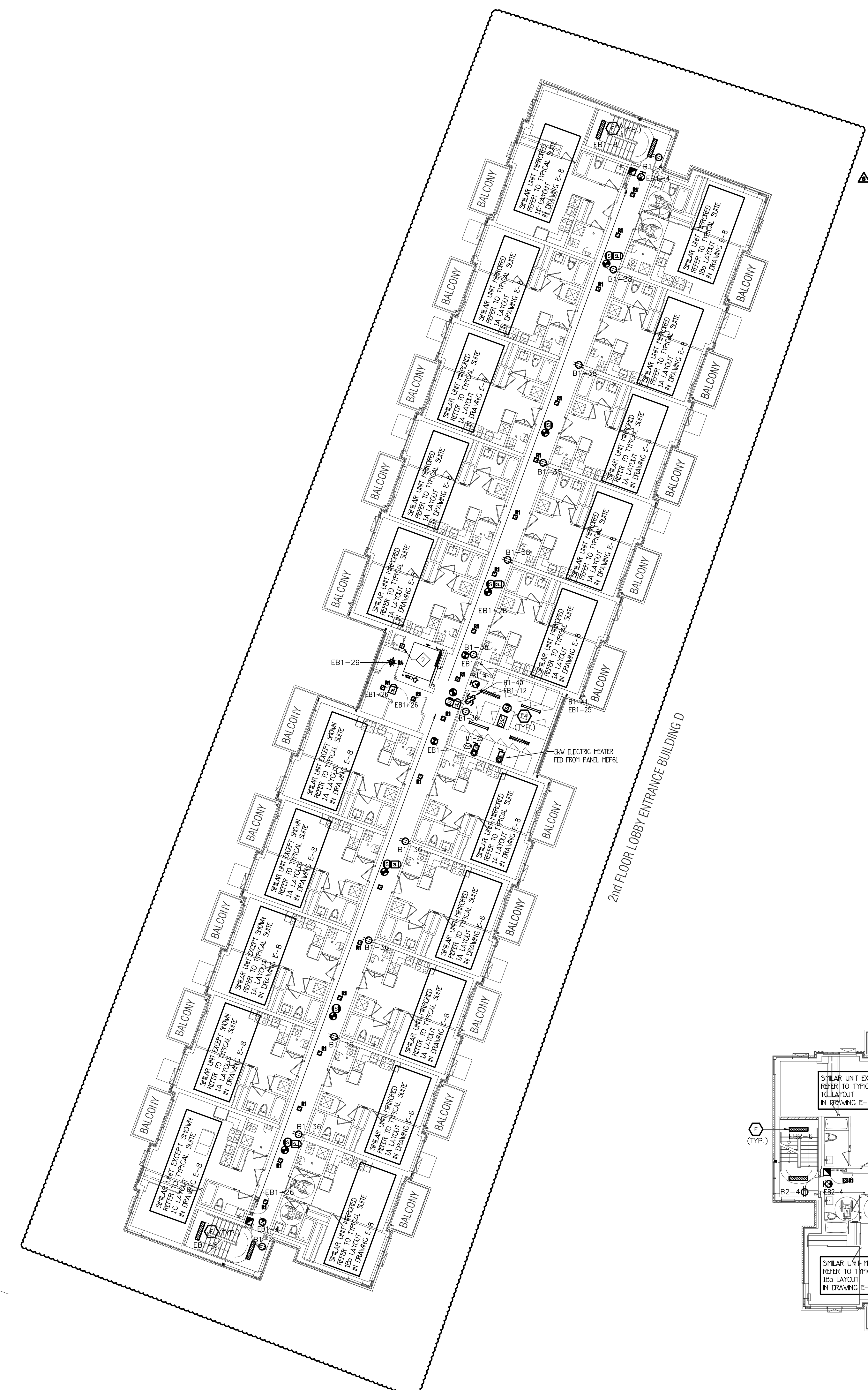
TITLE: **GROUND FLOOR PLAN ELECTRICAL**

PROJECT: **BRAMPTON STACKED FORESTSIDE ESTATES**

ATTMAY + PALLESCHI DRIVE
 BRAMPTON, ONTARIO

DRAWN	CHECKED	SCALE
SP	MG	1:50
DATE	PROJECT	DRAWING
MAY, 2019	18-017	E-3
		OF 16

KEY NOTES	
	SMOKE DETECTOR C/W RELAY FOR ELEVATOR RECALL
	JUNCTION BOX FOR TRW-SORT GARBAGE SYSTEM



2nd FLOOR LOBBY ENTRANCE BUILDING C

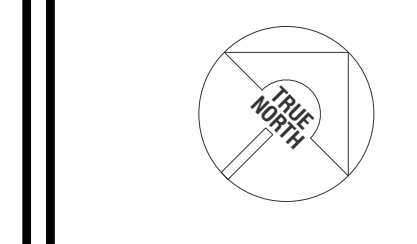
2nd FLOOR LOBBY ENTRANCE BUILDING B

2ND FLOOR LOBBY ENTRANCE BUILDING A

NO.	BY	DESCRIPTION	DATE
08	SP	ISSUED FOR SITE INSTRUCTION E-6	JUN. 04, 2021
07	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION	MAR. 26, 2021
06	SP	ISSUED FOR PERMIT BUILDING A, B, C, D	MAR. 03, 2021
05	SP	ISSUED FOR ADD E-4	FEB. 08, 2021
04	SP	ISSUED FOR ADD E-3	JAN. 19, 2021
03	SP	ISSUED FOR PERMIT	SEP. 28, 2020
02	SP	ISSUED FOR ADD E-2	JUNE 15, 2020
01	SP	ISSUED FOR TENDER	AUG. 02, 2019

REVISIONS

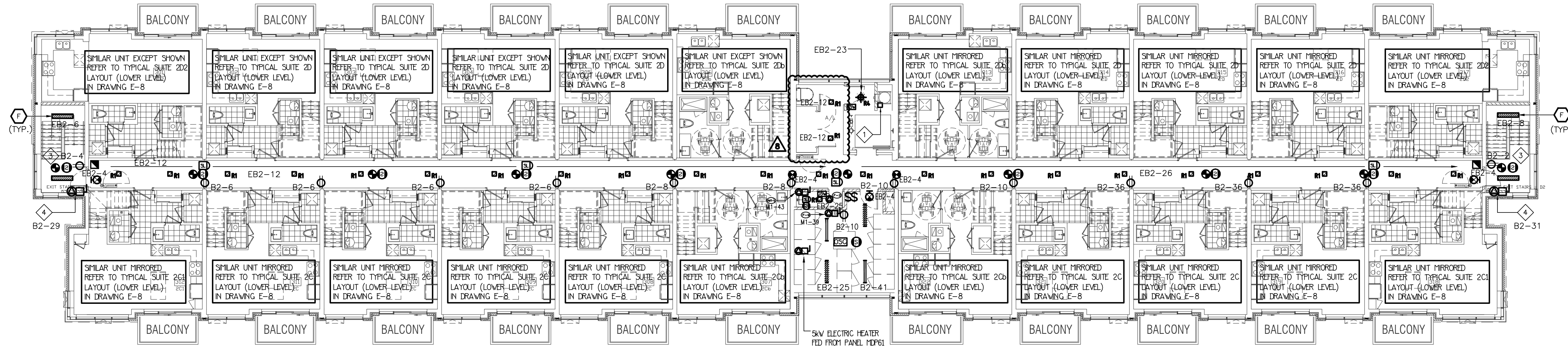
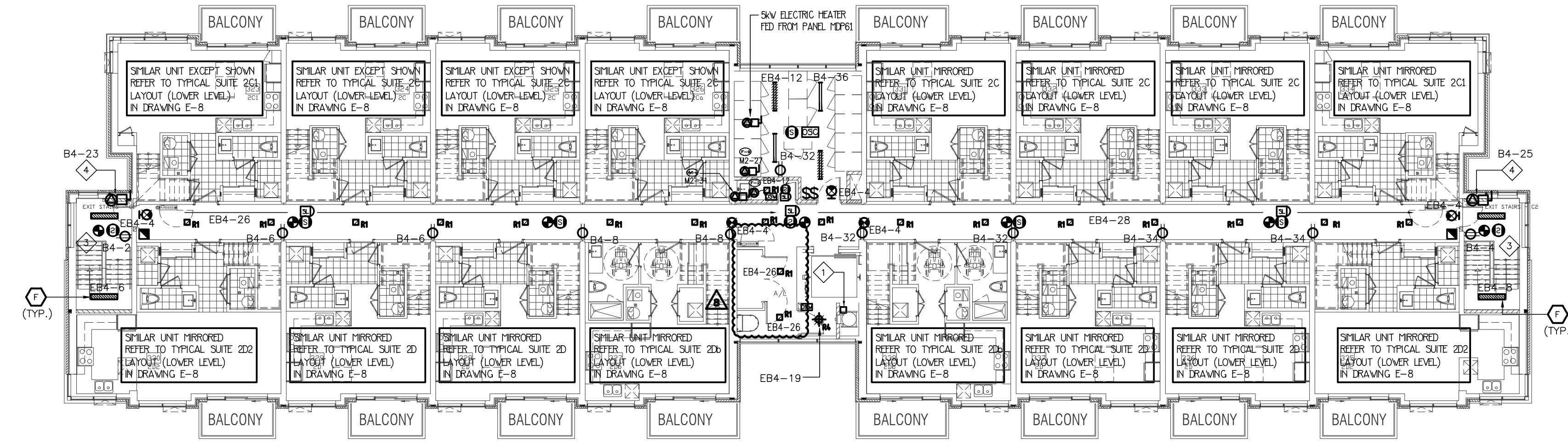
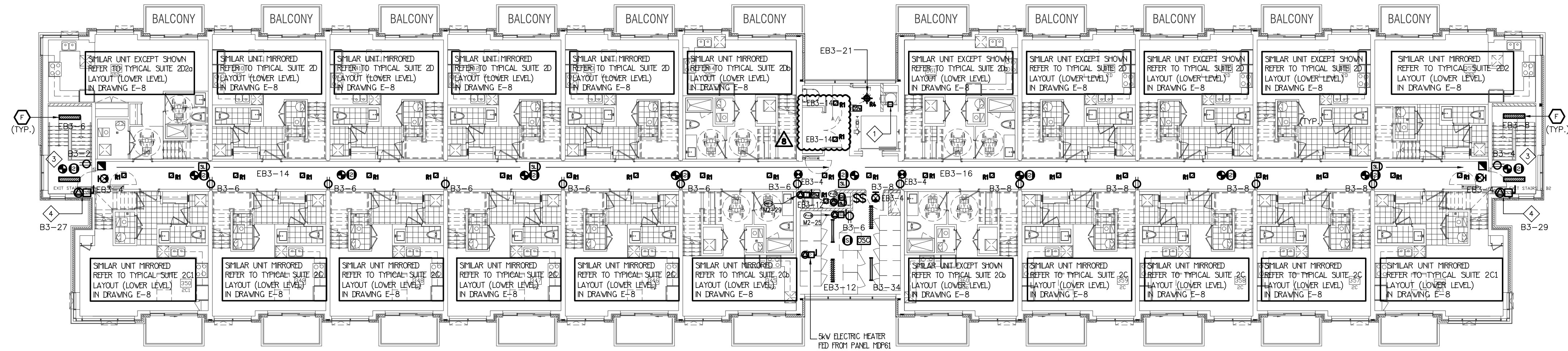
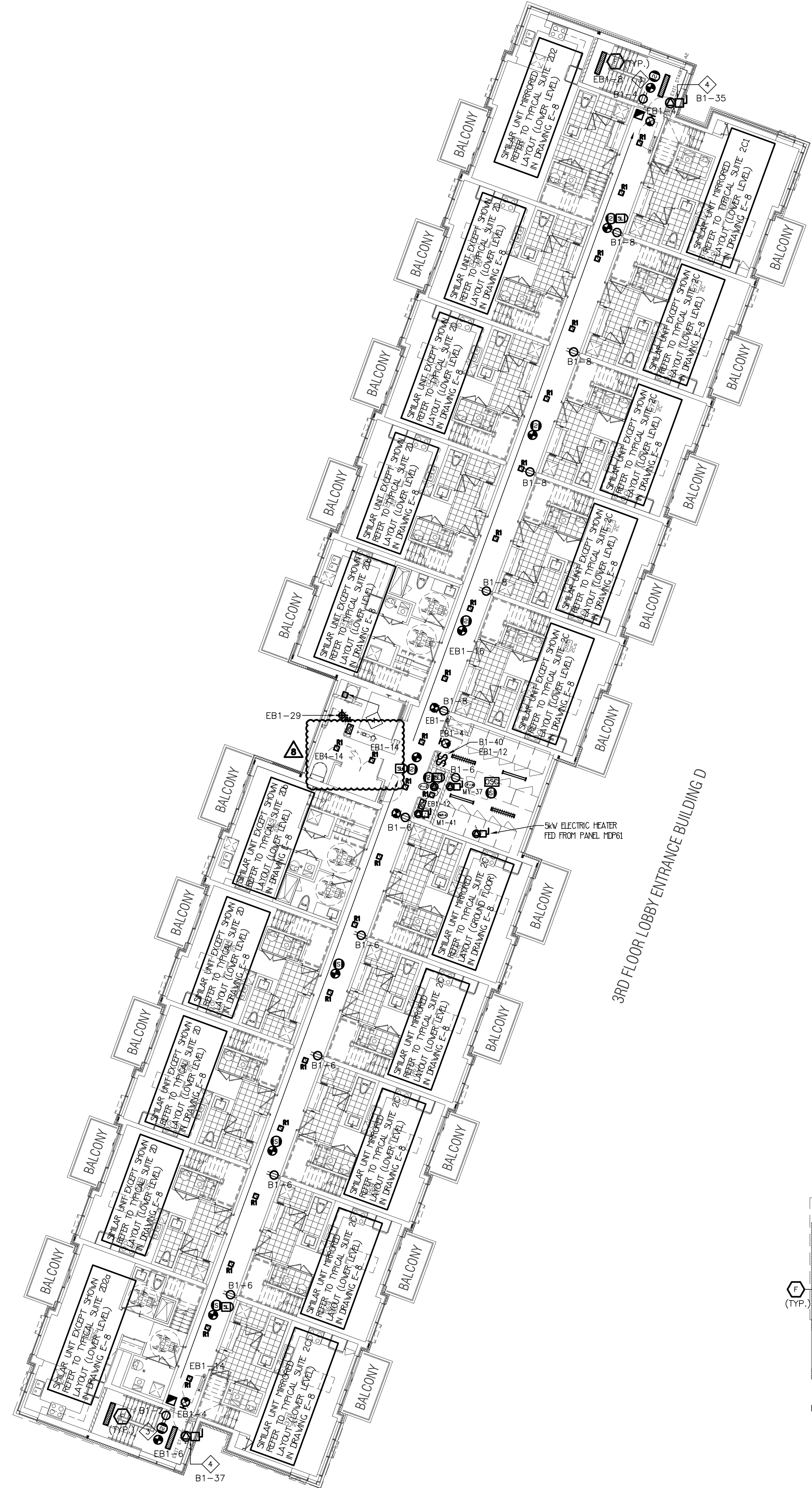
This drawing is an instrument of service, is provided by and is the property of United Engineering Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify United Engineering Inc. of any discrepancy before proceeding. United Engineering Inc. is not responsible for the accuracy of Architectural, structural, interior design, etc., on this drawing. Refer to the appropriate trade drawings before proceeding with any work. Installation must conform to all applicable codes and requirements of the authorities having jurisdiction. This drawing is not to be scaled, all symbols are graphic representations only.



UNITED ENGINEERING INC.
 Mechanical Electrical Consulting Engineers
 3645 Keele Street, Suite 105,
 Toronto, Ontario, M3J 1M6
 Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE	2ND FLOOR PLAN ELECTRICAL		
PROJECT	BRAMPTON STACKED FORESTSIDE ESTATES		
	ATTMAR + PALLESCHI DRIVE BRAMPTON, ONTARIO		
DRAWN	CHECKED	SCALE	
SP	MG	1:50	
DATE	PROJECT	DRAWING	
MAY, 2019	18-017	E-4	
		OF	16

KEY NOTES	
	JUNCTION BOX FOR TRI-SORT GARBAGE SYSTEM
	NOT USED
	TOP OF STAIR SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
	1.0kW ELECTRIC BASEBOARD HEATER



3RD FLOOR LOBBY ENTRANCE BUILDING C

3RD FLOOR LOBBY ENTRANCE BUILDING B

3RD FLOOR LOBBY ENTRANCE BUILDING A

NO.	BY	DESCRIPTION	DATE
08	SP	ISSUED FOR SITE INSTRUCTION E-6	JUN. 04, 2021
07	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION	MAR. 26, 2021
06	SP	ISSUED FOR PERMIT BUILDINGS A, B, C, D	MAR. 03, 2021
05	SP	ISSUED FOR ADD E-4	FEB. 08, 2021
04	SP	ISSUED FOR ADD E-3	JAN. 19, 2021
03	SP	ISSUED FOR PERMIT	SEP. 28, 2020
02	SP	ISSUED FOR ADD E-2	JUN. 15, 2020
01	SP	ISSUED FOR TENDER	AUG. 02, 2019

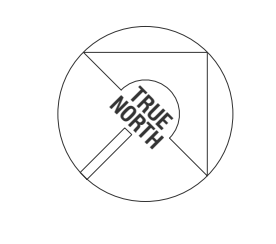
REVISIONS

This drawing is an instrument of service, is provided by and is the property of United Engineering Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify United Engineering Inc. of any discrepancy before proceeding.

United Engineering Inc. is not responsible for the accuracy of Architectural, structural, interior design, etc. on this drawing.

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

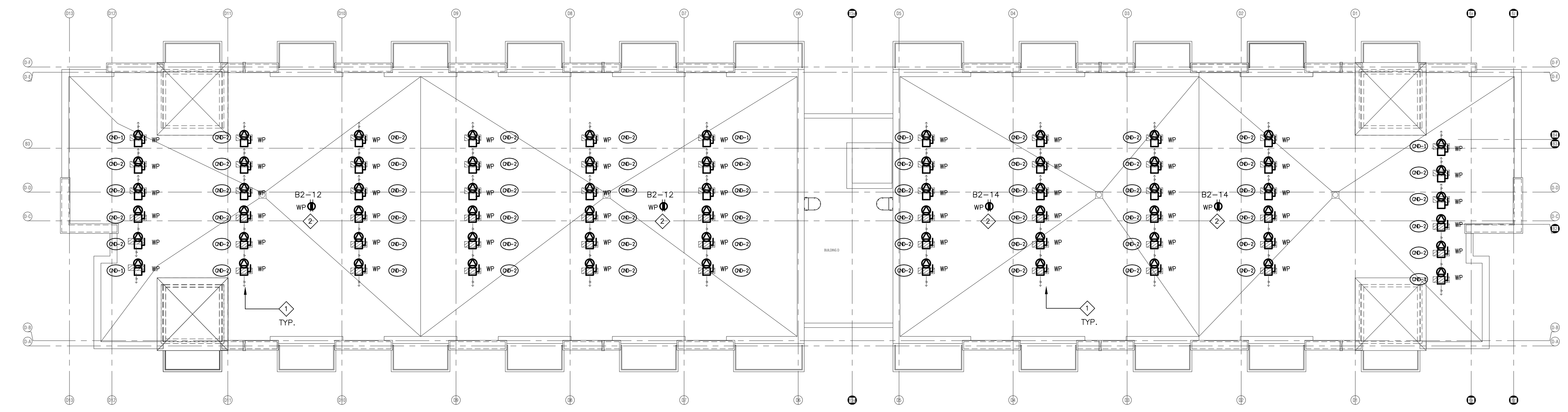
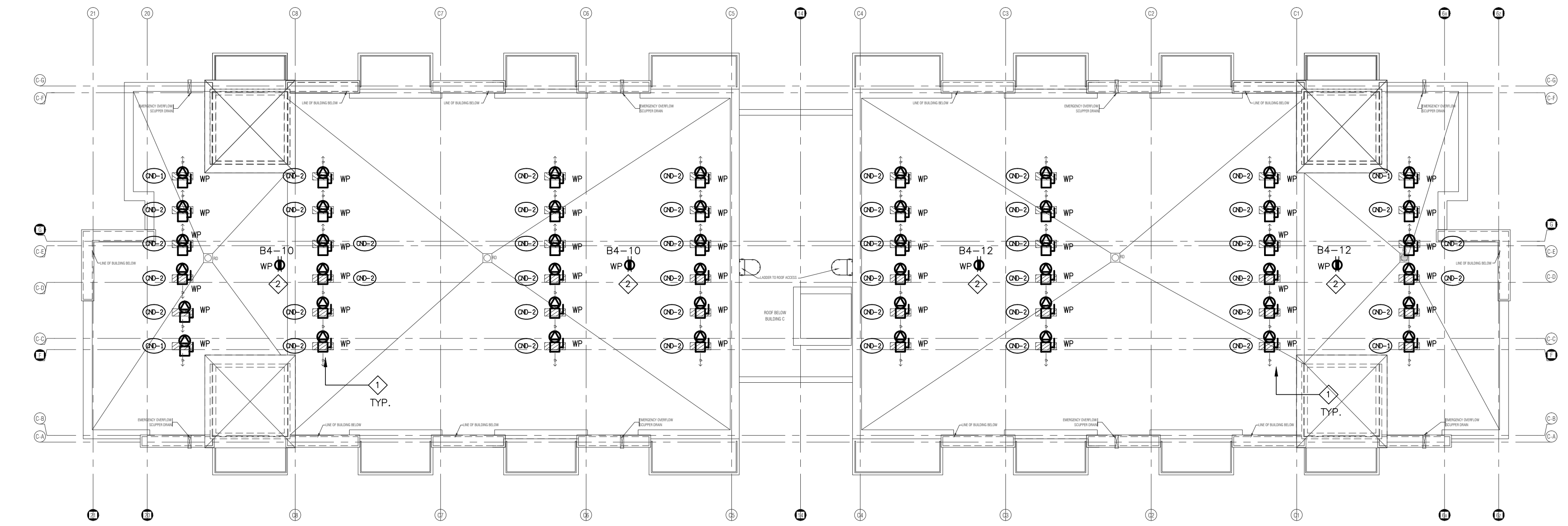
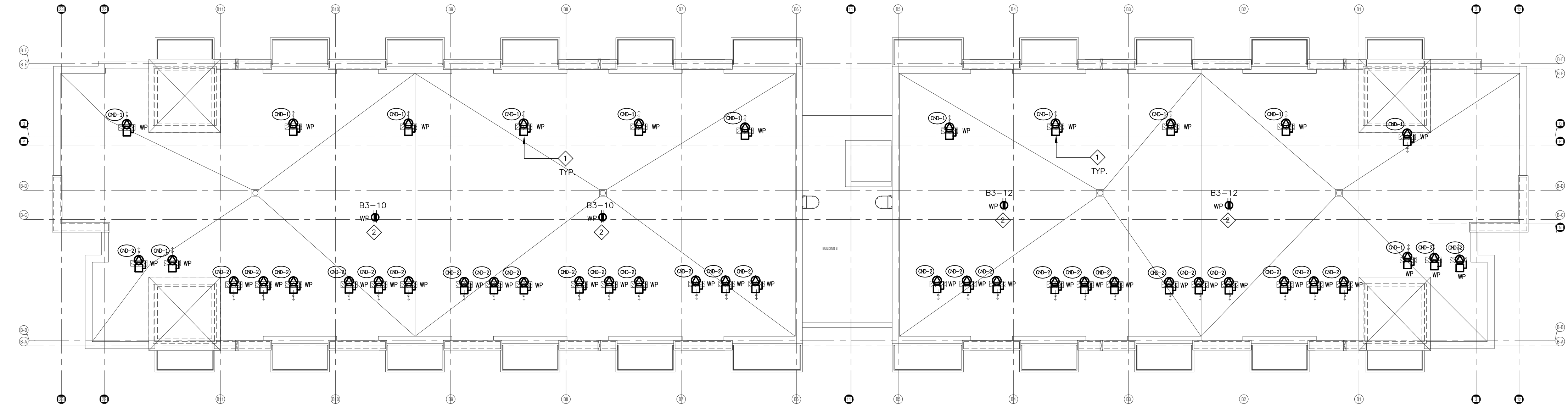
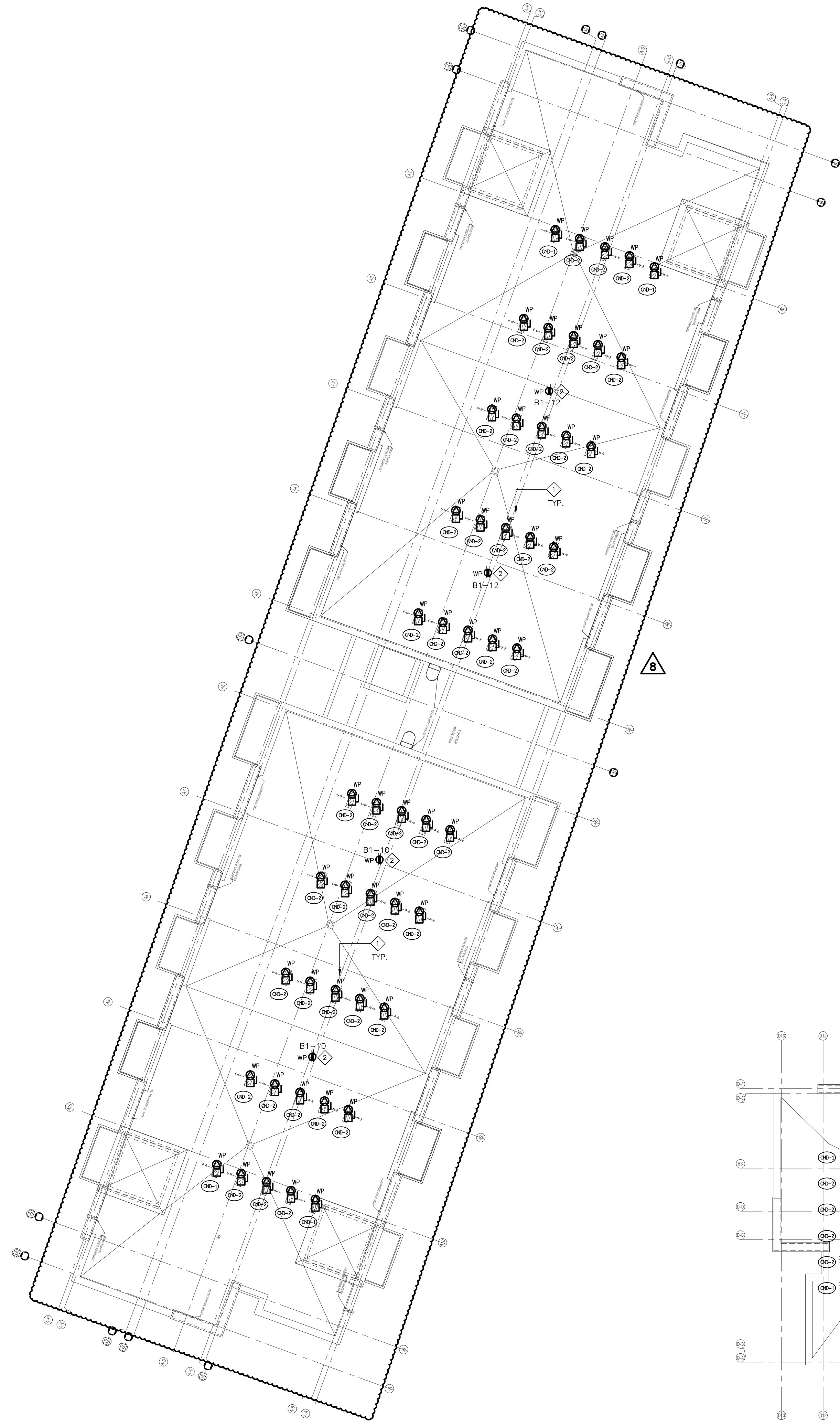
This drawing is not to be scaled, all symbols are graphic representations only.



UNITED ENGINEERING INC.
 Mechanical Electrical Consulting Engineers
 3645 Keele Street, Suite 105,
 Toronto, Ontario, M3J 1M6
 Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE	3RD FLOOR PLAN ELECTRICAL		
PROJECT	BRAMPTON STACKED FORESTSIDE ESTATES		
	ATTMAR + PALLESCHI DRIVE BRAMPTON, ONTARIO		
DRAWN	CHECKED	SCALE	
SP	MG	1:150	
DATE	PROJECT	DRAWING	
MAY, 2019	18-017	E-5	
		OF	16

KEY NOTES	
	CONDENSING UNIT FED FROM STACKED HOUSE SUITE PANEL REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION AND QUANTITY
	WEATHER-PROOF PEDESTAL MOUNTED RECEPTACLES



NO.	BY	DESCRIPTION	DATE
08	SP	ISSUED FOR SITE INSTRUCTION E-6	JUN. 04, 2021
07	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION	MAR. 26, 2021
05	SP	ISSUED FOR PERMIT BUILDINGS A, B, C, D	MAR. 03, 2021
04	SP	ISSUED FOR ADD E-3	JAN. 19, 2021
03	SP	ISSUED FOR PERMIT	SEP. 28, 2020
02	SP	ISSUED FOR ADD E-2	JUN. 15, 2020
01	SP	ISSUED FOR TENDER	AUG. 02, 2019

REVISIONS

This drawing, is an instrument of service, is provided by and is the property of United Engineering Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify United Engineering Inc. of any discrepancy before proceeding. United Engineering Inc. is not responsible for the accuracy of Architectural, structural, interior design, etc., on this drawing. Refer to the appropriate trade drawings before proceeding with any work. Installation must conform to all applicable codes and requirements of the authorities having jurisdiction. This drawing is not to be scaled, all symbols are graphic representations only.



UNITED ENGINEERING INC.
 Mechanical Electrical Consulting Engineers
 3645 Keele Street, Suite 105,
 Toronto, Ontario, M3J 1M6
 Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE **ROOF PLAN ELECTRICAL**

PROJECT **BRAMPTON STACKED FORESTSIDE ESTATES**

**ATTMAR + PALLESCHI DRIVE
 BRAMPTON, ONTARIO**

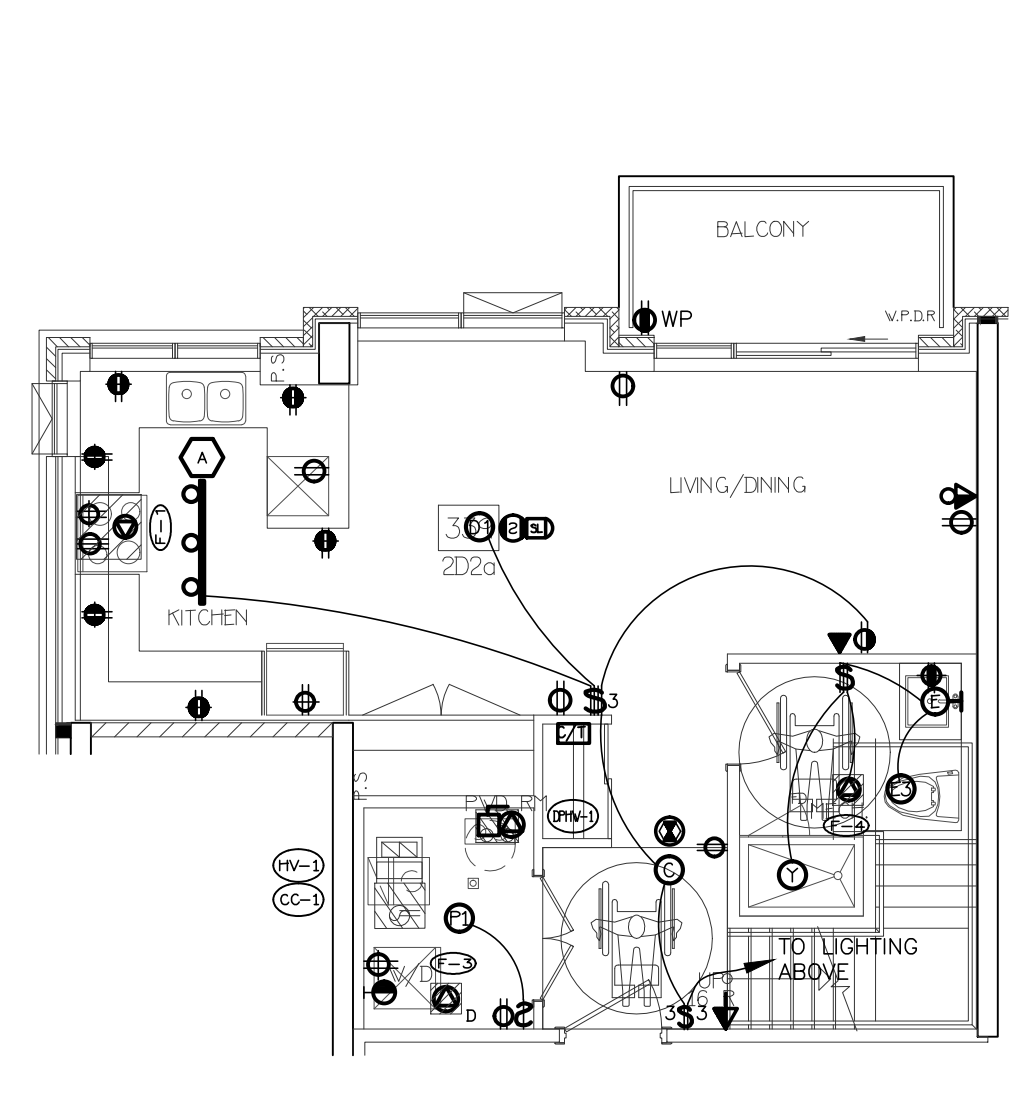
DRAWN	CHECKED	SCALE
SP	MG	1:50
DATE	PROJECT	DRAWING
MAY, 2019	18-017	E-7
		OF 16

KEY NOTES

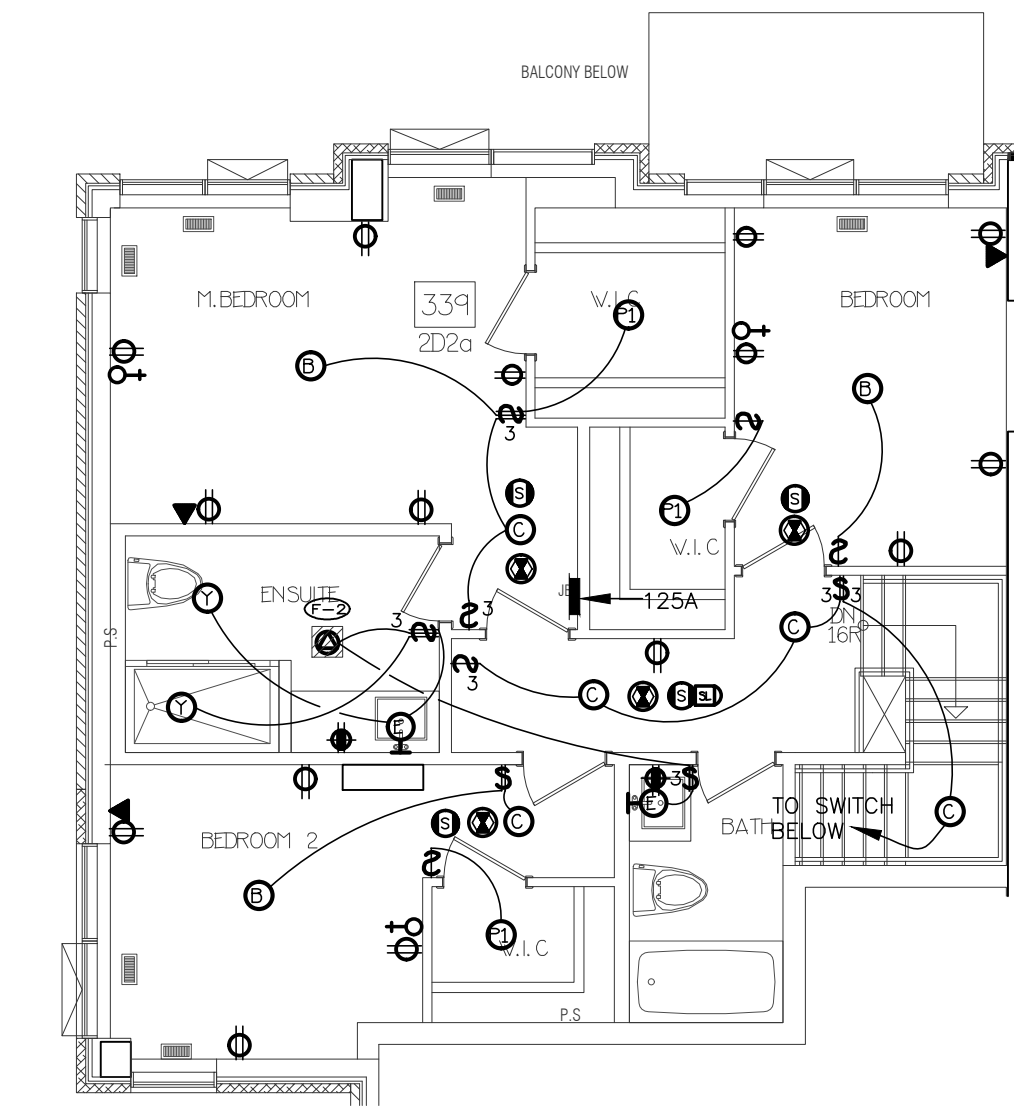
- ◇ PATIO EXTERIOR LIGHTING ONLY ON GROUND FLOOR

SUITES' KEY NOTES (TYPICAL)

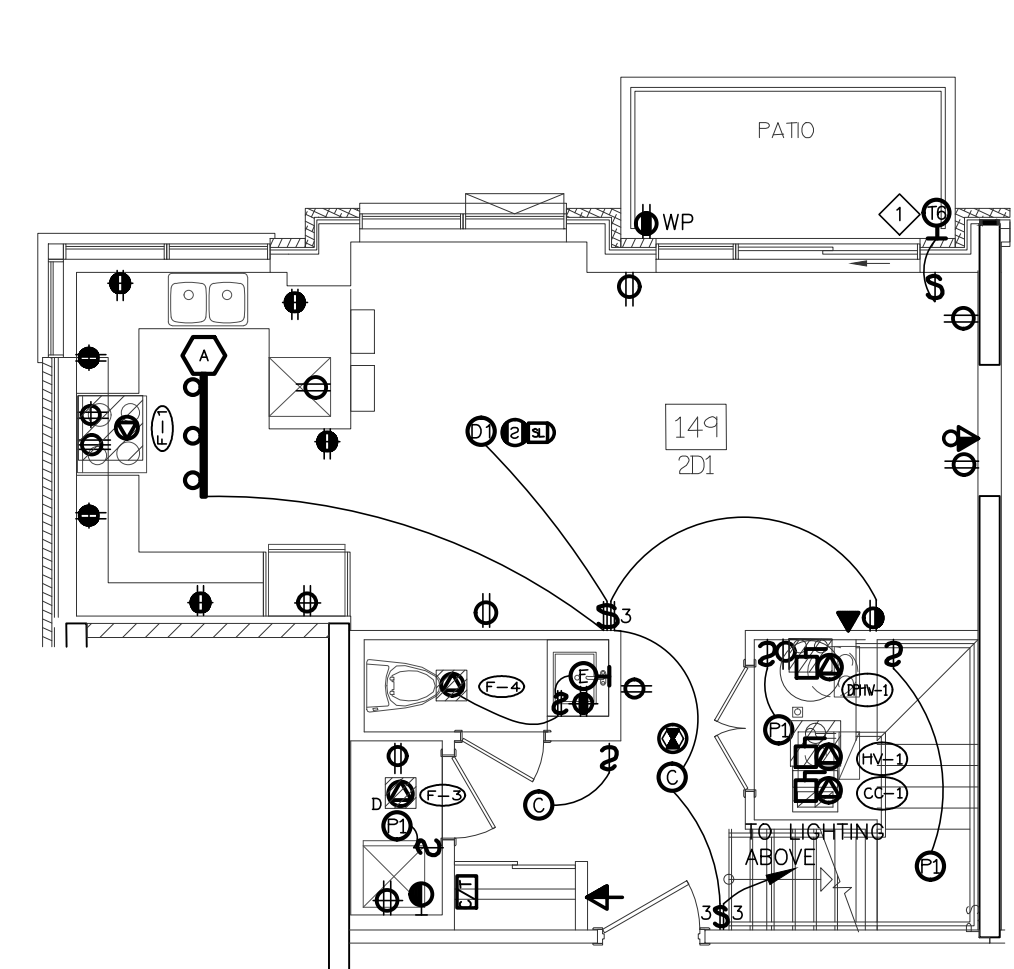
- ① NOT USED
 - ② SUITE INTRUSION ALARM AND KEYPAD WITH DIGITAL DISPLAY
 - ③ IN SUITE TELEPHONE/TV COMBO DISTRIBUTION PANEL
 - ④ CEILING MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE LIGHT
 - ⑤ 120V U-GROUND DUPLEX RECEPTACLE FOR GENERAL PURPOSES
 - ⑥ 120V U-GROUND DUPLEX RECEPTACLE WITH ONE HALF SWITCH CONTROLLED
 - ⑦ WALL MOUNTED TELEPHONE OUTLET
 - ⑧ 120V, 15A, RECEPTACLE FOR FRIDGE
 - ⑨ 120V, 20A, 1-SLOT RECEPTACLE MOUNTED ABOVE COUNTER TOP (ALL RECEPTACLES LOCATED WITHIN 1.5M OF KITCHEN SINKS ALONG THE WALL BEHIND THE COUNTERTOPS SHALL BE PROTECTED BY GFI BREAKERS OF THE CLASS A TYPE)
 - ⑩ TOWNHOUSE EXTERIOR LIGHTING, TYPE TO BE CONFIRMED (TYPICAL), REFER TO ARCHITECTURE ELEVATION DRAWING FOR EXACT LOCATION AND QUANTITY
 - ⑪ 250V, 1φ, 4W, 30A, RECEPTACLE FOR RANGE, CONNECT WITH 3/4" BX OR 3/8" THW-19MM CONDUIT
 - ⑫ RECEPTACLE FOR KITCHEN MICROWAVE AND EXHAUST FAN
 - ⑬ 120V U-GROUND DUPLEX RECEPTACLE FOR DISHWASHER
 - ⑭ WALL MOUNTED COMBINATION TV/TELEPHONE OUTLET
 - ⑮ CEILING MOUNTED FIRE ALARM SPEAKER
 - ⑯ CEILING MOUNTED 120V SMOKE ALARM/CARBON MONOXIDE COMBO DETECTOR
- ALL DETECTORS WITHIN SAME SUITE TO BE INTERCONNECTED AND HAVE A VISUAL SIGNALING COMPONENT IN ACCORDANCE WITH Q05
- ⑰ DIRECT CONNECTION FOR ERV UNIT AT HIGH LEVEL, PROVIDE RECEPTACLES IF REQUIRED, REFER TO MECHANICAL DRAWING FOR MORE DETAILS
 - ⑱ DIRECT CONNECTION FOR AIR HANDLE UNIT, REFER TO MECHANICAL DRAWING FOR MORE DETAILS
 - ⑲ 120V U-GROUND DUPLEX GFI RECEPTACLE FOR WASHROOM
 - ⑳ 120V, 15A, RECEPTACLE FOR WASHER
 - ㉑ 250V, 1φ, 4W, 30A, RECEPTACLE FOR DRYER, CONNECT TO 3/4" BX OR 3/8" THW-19MM CONDUIT
 - ㉒ WALL MOUNTED TV OUTLET
 - ㉓ DIRECT CONNECTION FOR DRYER EXHAUST FAN
 - ㉔ DIRECT CONNECTION FOR WASHROOM EXHAUST FAN
 - ㉕ RECESSED TYPE 0.5KW HEATER
 - ㉖ PUSH BUTTON (DOOR RINGER)
 - ㉗ SIGNAL TRANSFER
 - ㉘ SIGNAL BUZZER
 - ㉙ FLUSH MOUNTED SUITE SERVICE PANEL, SEE DRAWING E-13 FOR SUITE PANEL SCHEDULE
 - ㉚ 120V U-GROUND DUPLEX GFI, WEATHER PROOF RECEPTACLE IN BALCONY (TYPICAL FOR 1ST FLOOR AND EXTERIOR BALCONY ONLY)
 - ㉛ 120V U-GROUND DUPLEX WEATHER PROOF RECEPTACLE IN BALCONY (TYPICAL FOR 2ND TO 4TH FLOOR)
 - ㉜ DIRECT CONNECTION FOR CONDENSING UNIT/COOLING COIL, LOCATION OF CONDENSING UNIT SHOWN IN DRAWING E-24V/28 & E-24V/78, REFER TO MECHANICAL DRAWING FOR MORE DETAILS, CONFIRM EXACT FEEDER REQUIREMENT WITH UNIT SHOP DRAWING
 - ㉝ DIRECT CONNECTION FOR CONDENSING COMBI BOILER, REFER TO MECHANICAL DRAWING FOR MORE DETAILS
- NOTES:
ALSO REFER TO TYPICAL SUITES NOTES ON DRAWING E-xx. (ALL RECEPTACLES SHALL BE PROTECTED BY ARC-FAULT INTERRUPTERS)



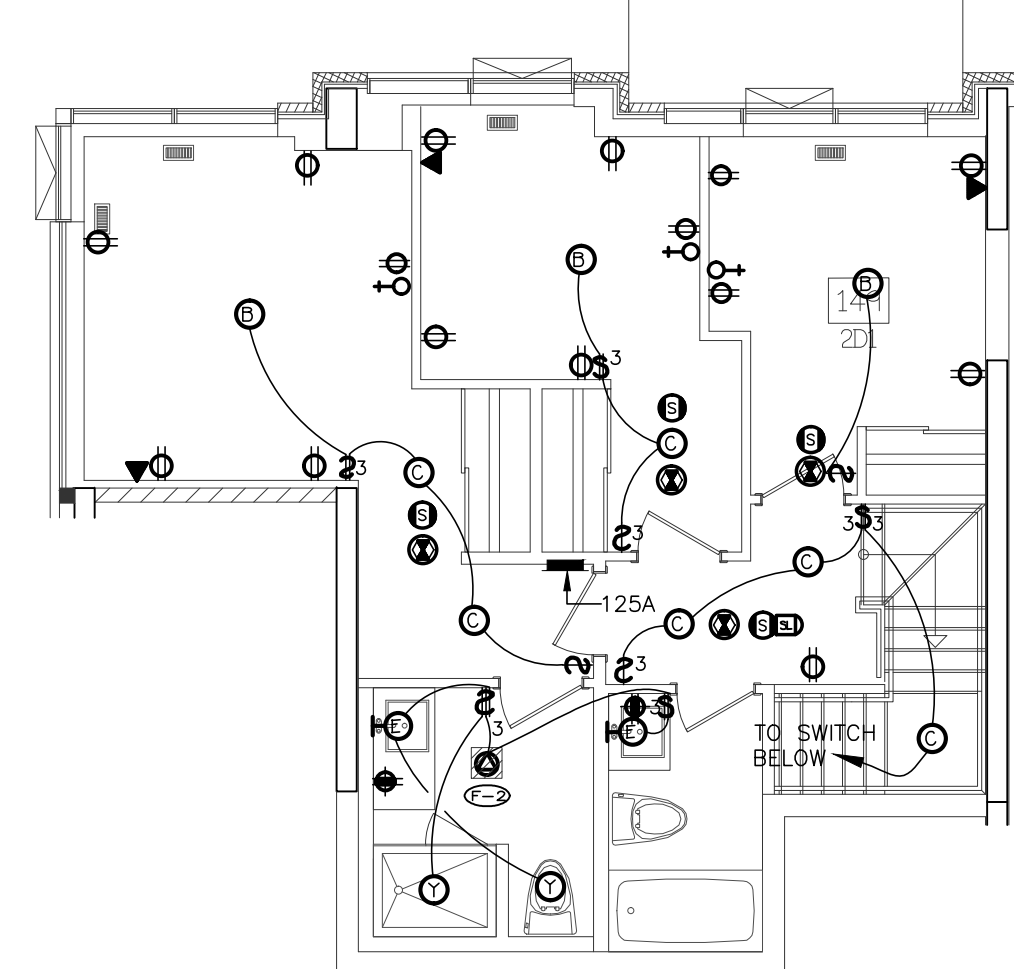
21 SUITE LAYOUT TYPE 2D2a LOWER LEVEL



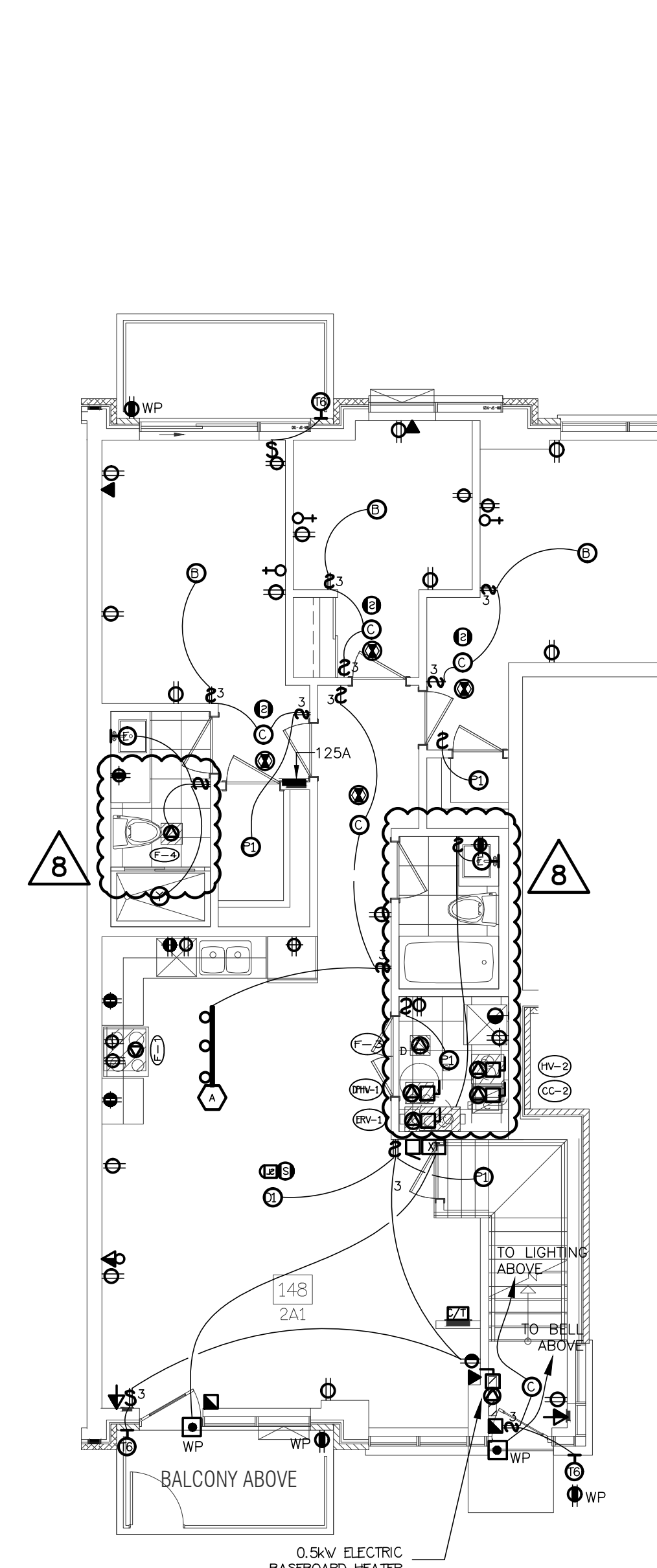
22 SUITE LAYOUT TYPE 2D2a UPPER LEVEL



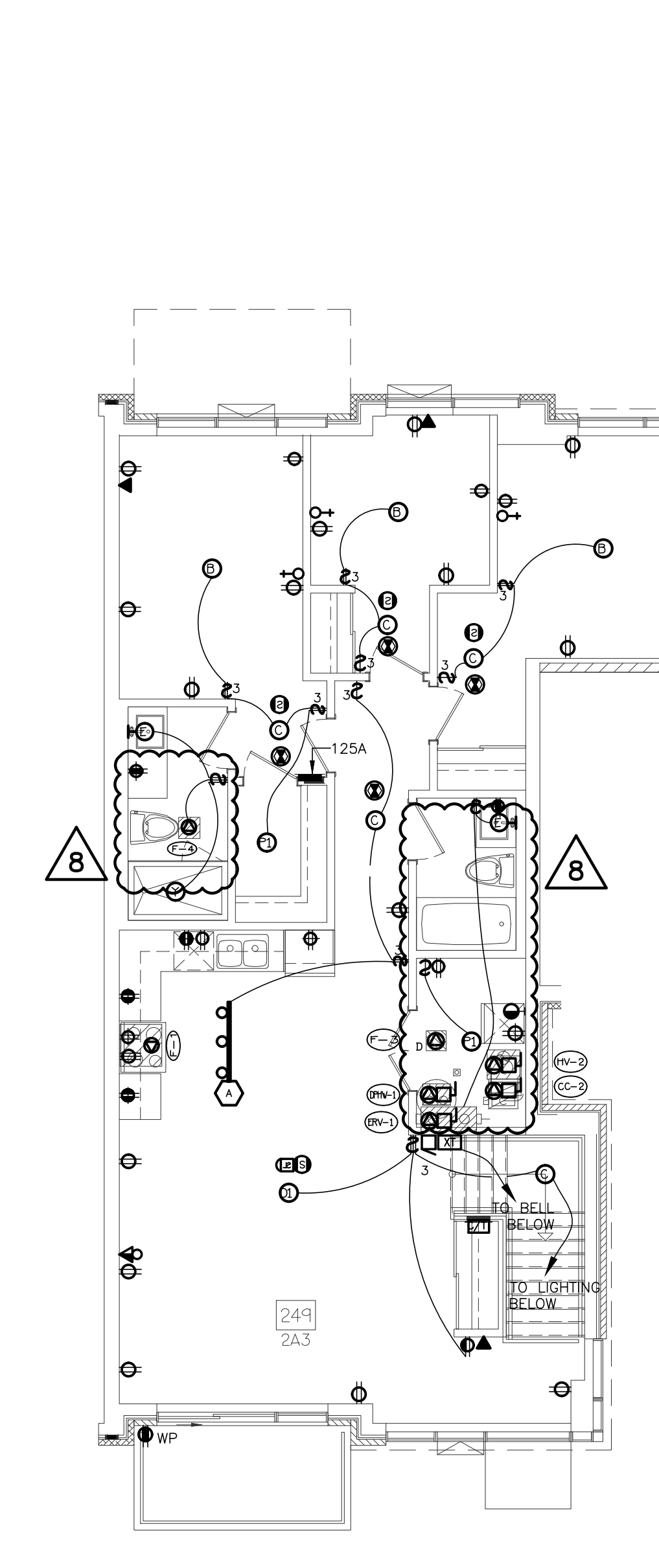
17 SUITE LAYOUT TYPE 2D1 LOWER LEVEL



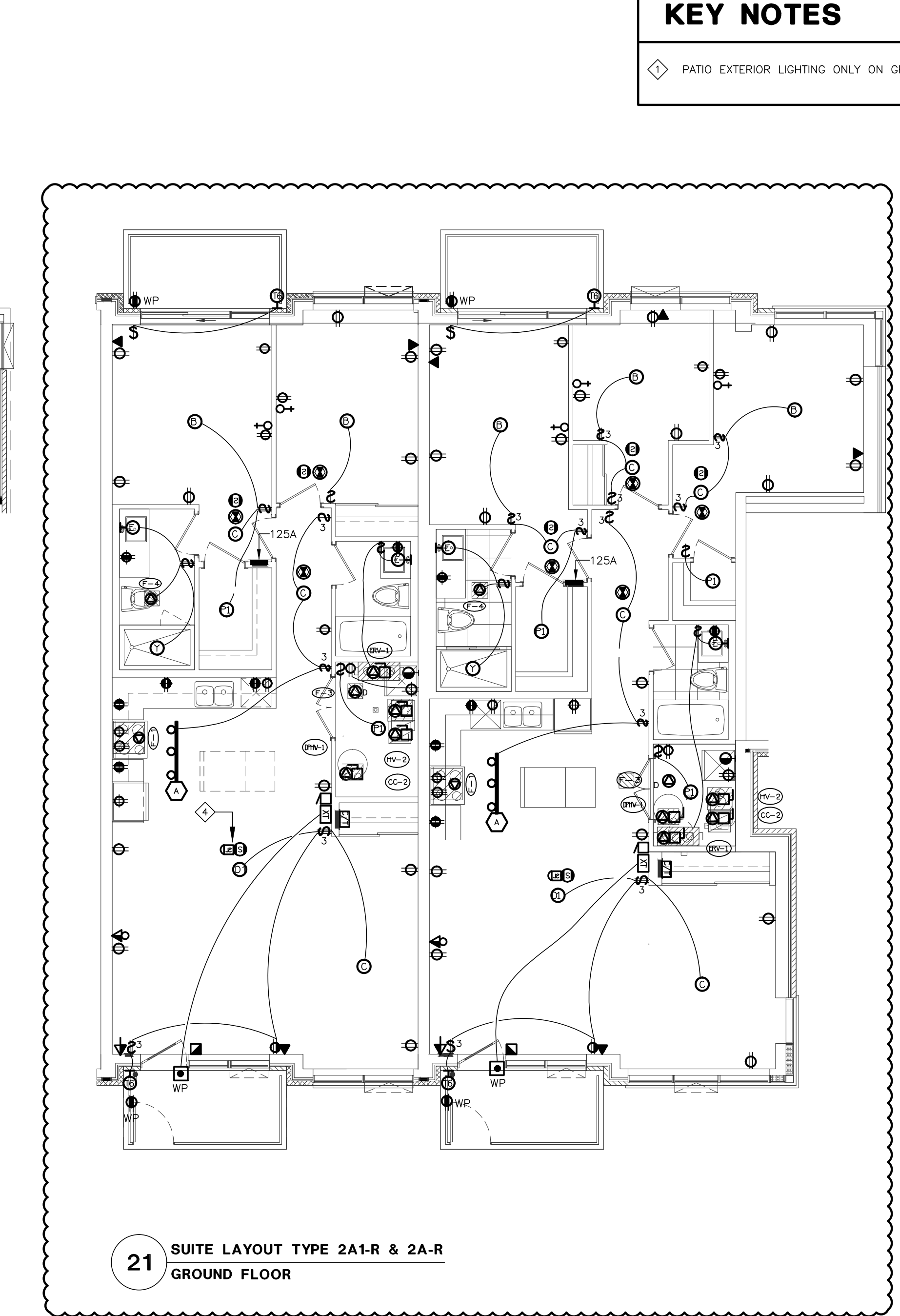
18 SUITE LAYOUT TYPE 2D1 UPPER LEVEL



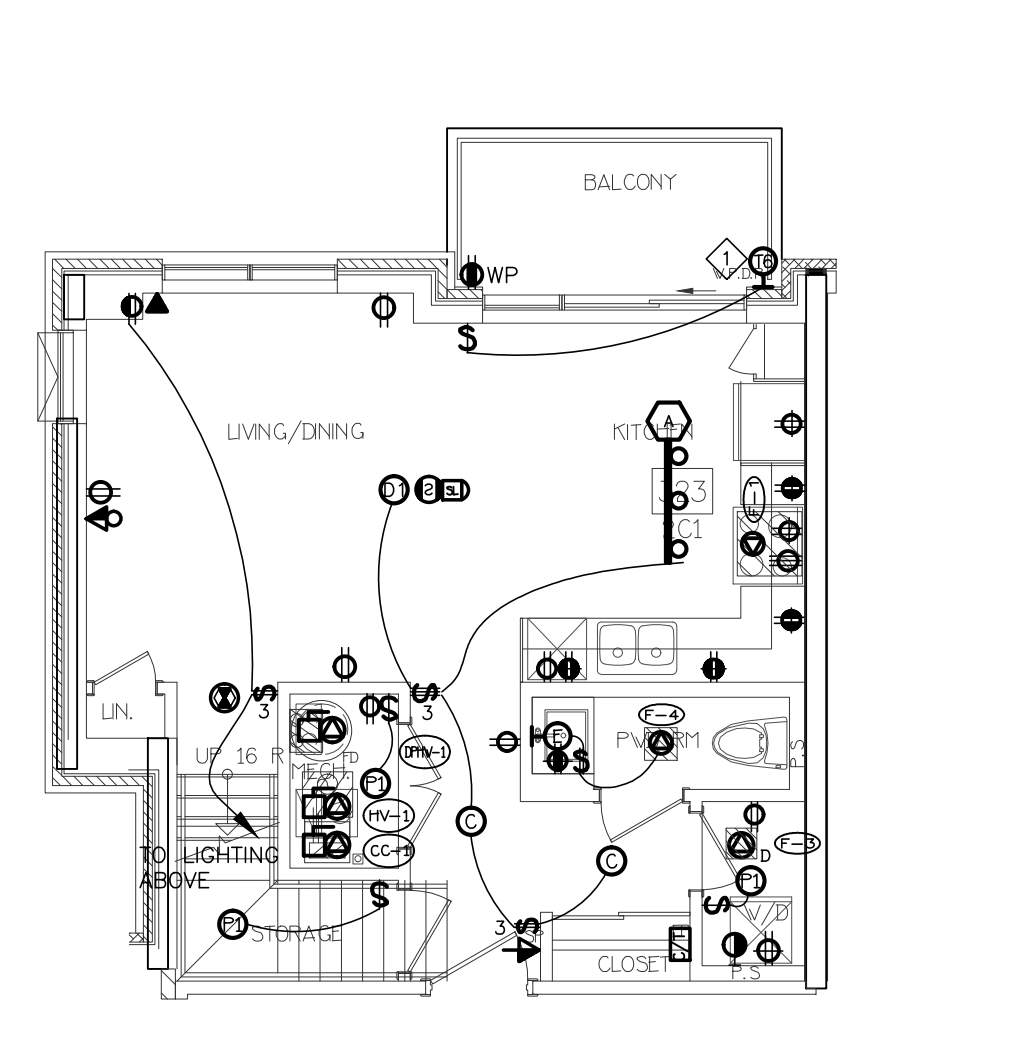
19 SUITE LAYOUT TYPE 2A1 & 2A3 GROUND FLOOR



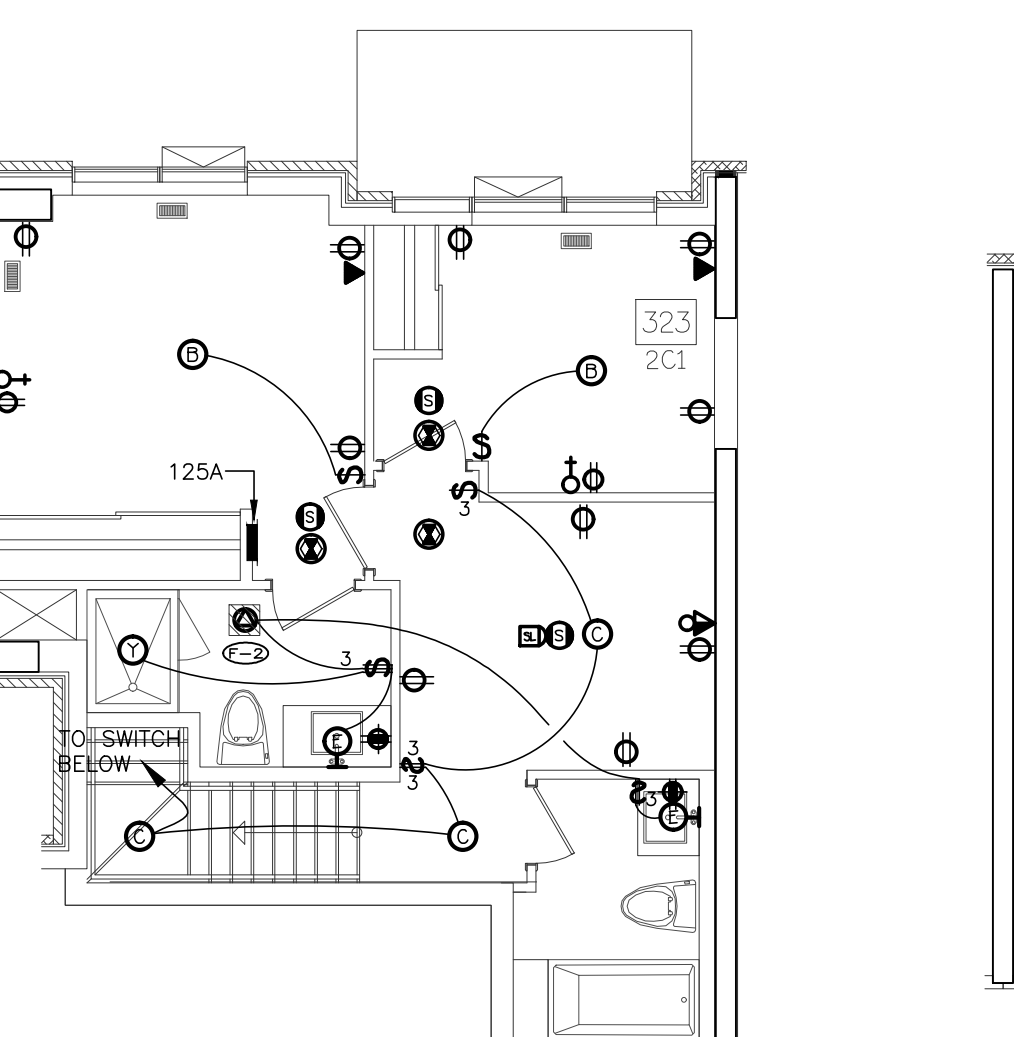
20 SUITE LAYOUT TYPE 2A3 SECOND FLOOR



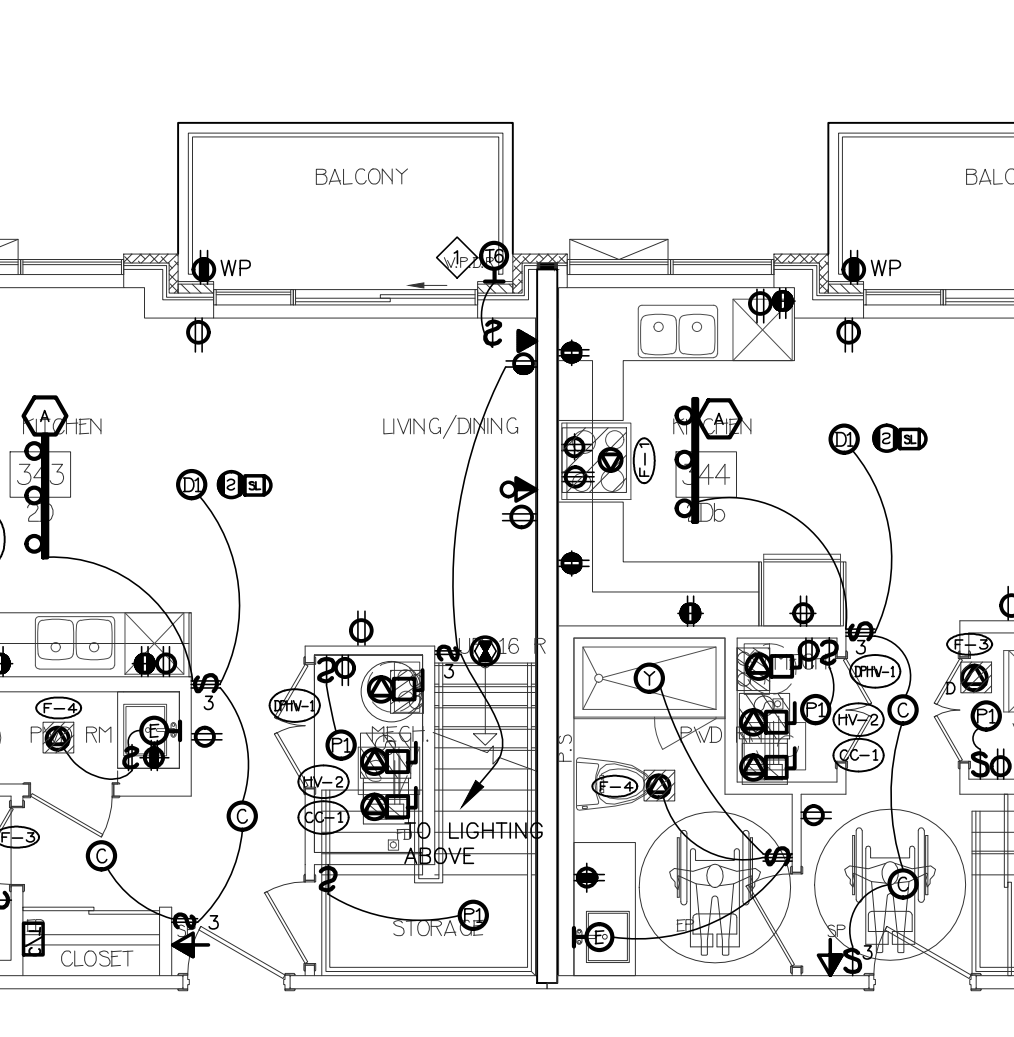
21 SUITE LAYOUT TYPE 2A1-R & 2A-R GROUND FLOOR



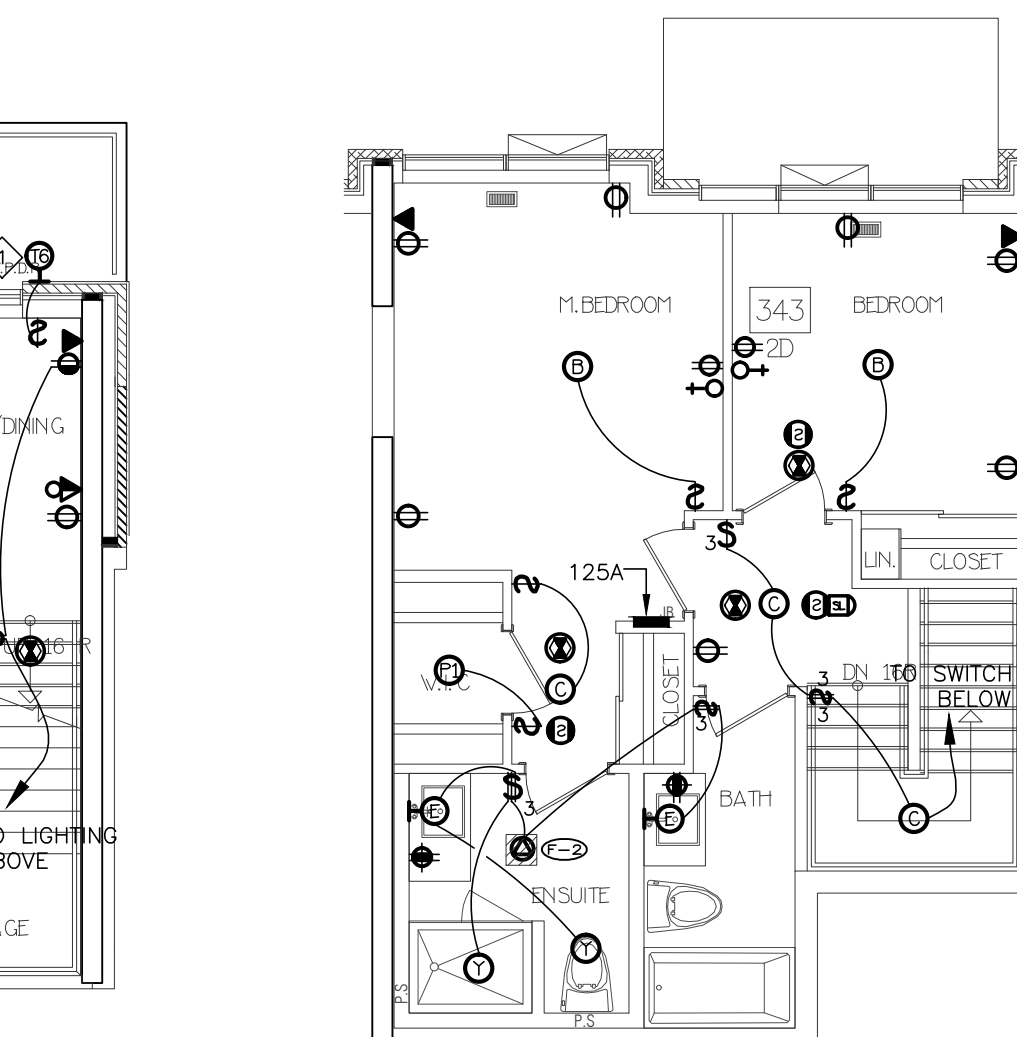
11 SUITE LAYOUT TYPE 2C1 LOWER LEVEL



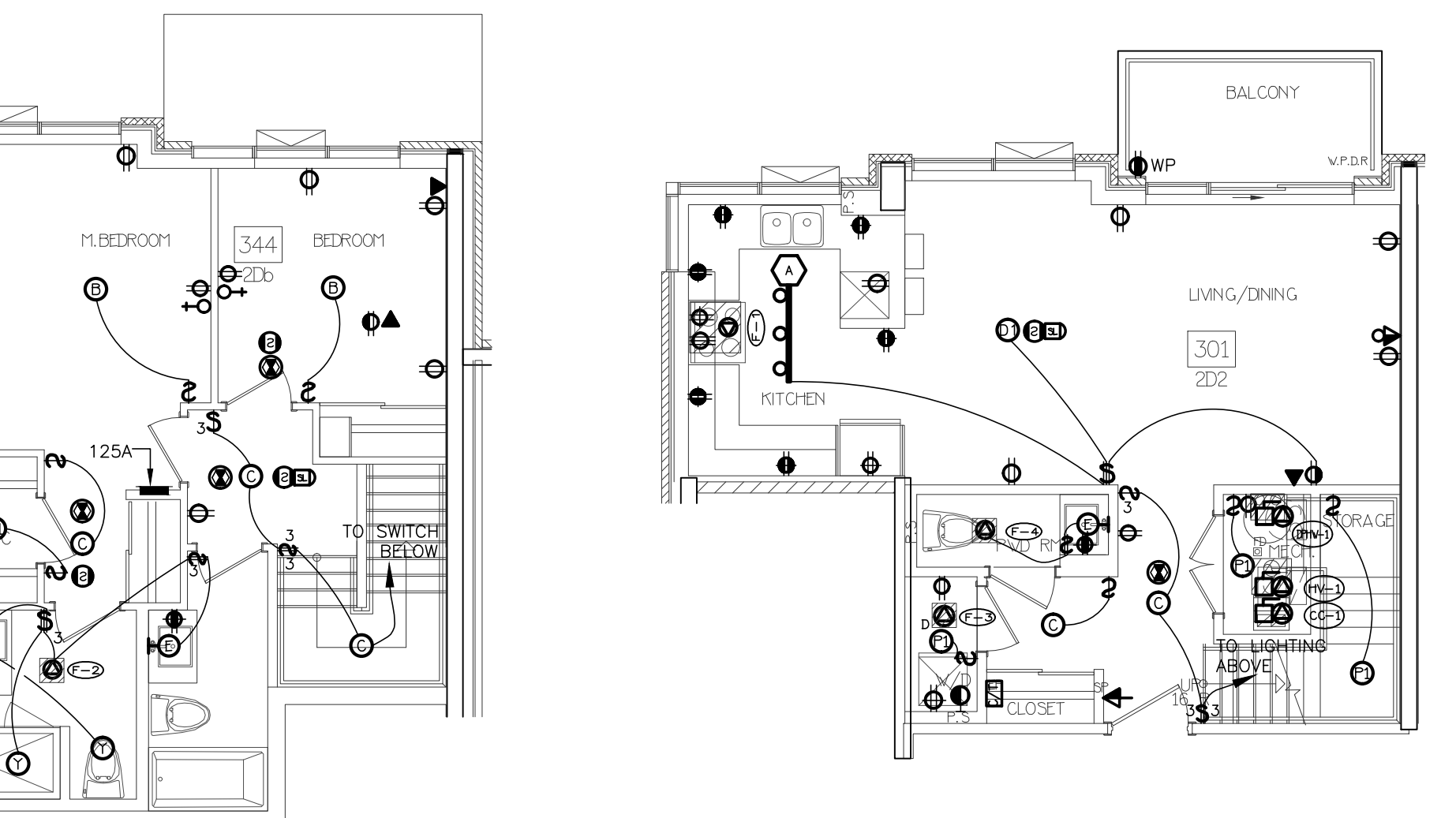
12 SUITE LAYOUT TYPE 2C1 UPPER LEVEL



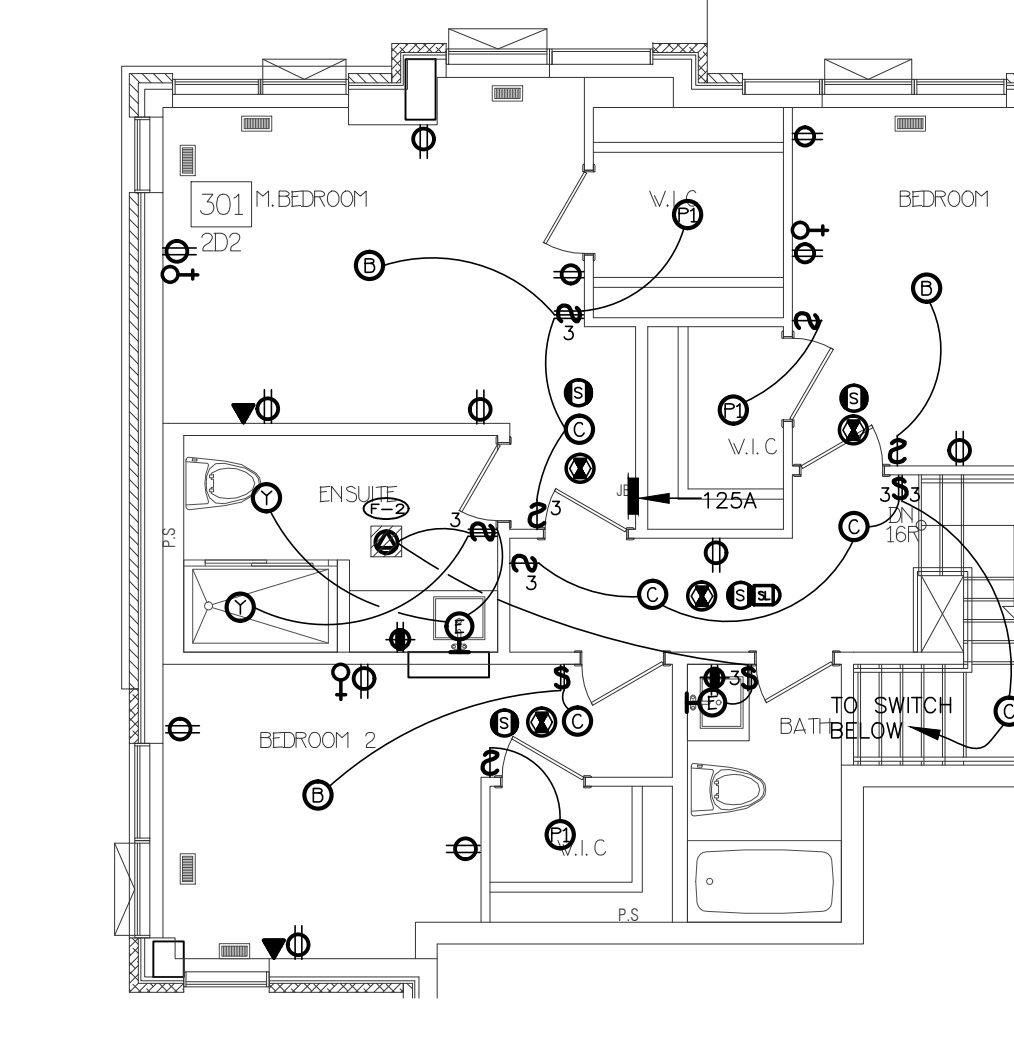
13 SUITE LAYOUT TYPE 2D & 2Db LOWER LEVEL



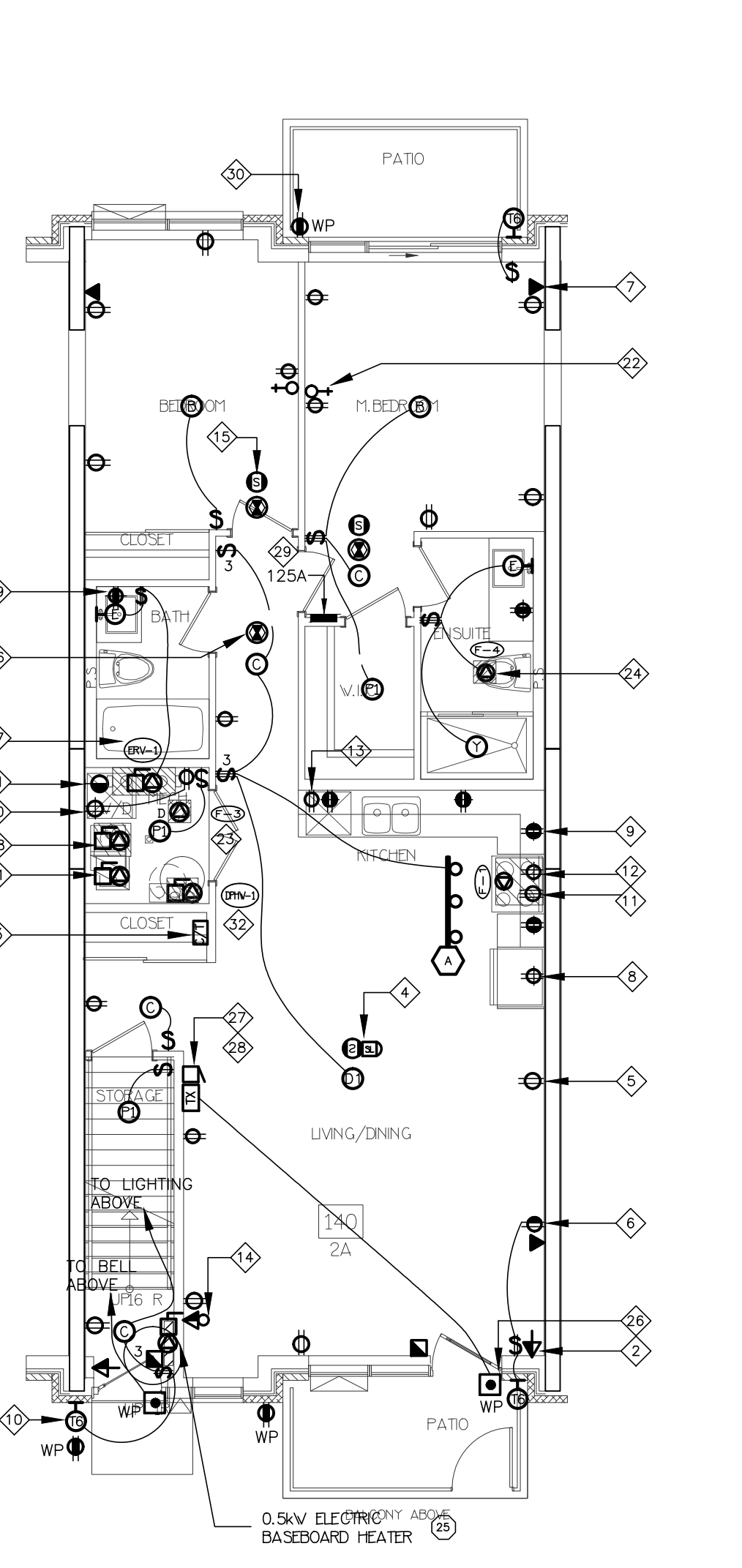
14 SUITE LAYOUT TYPE 2D & 2Db UPPER LEVEL



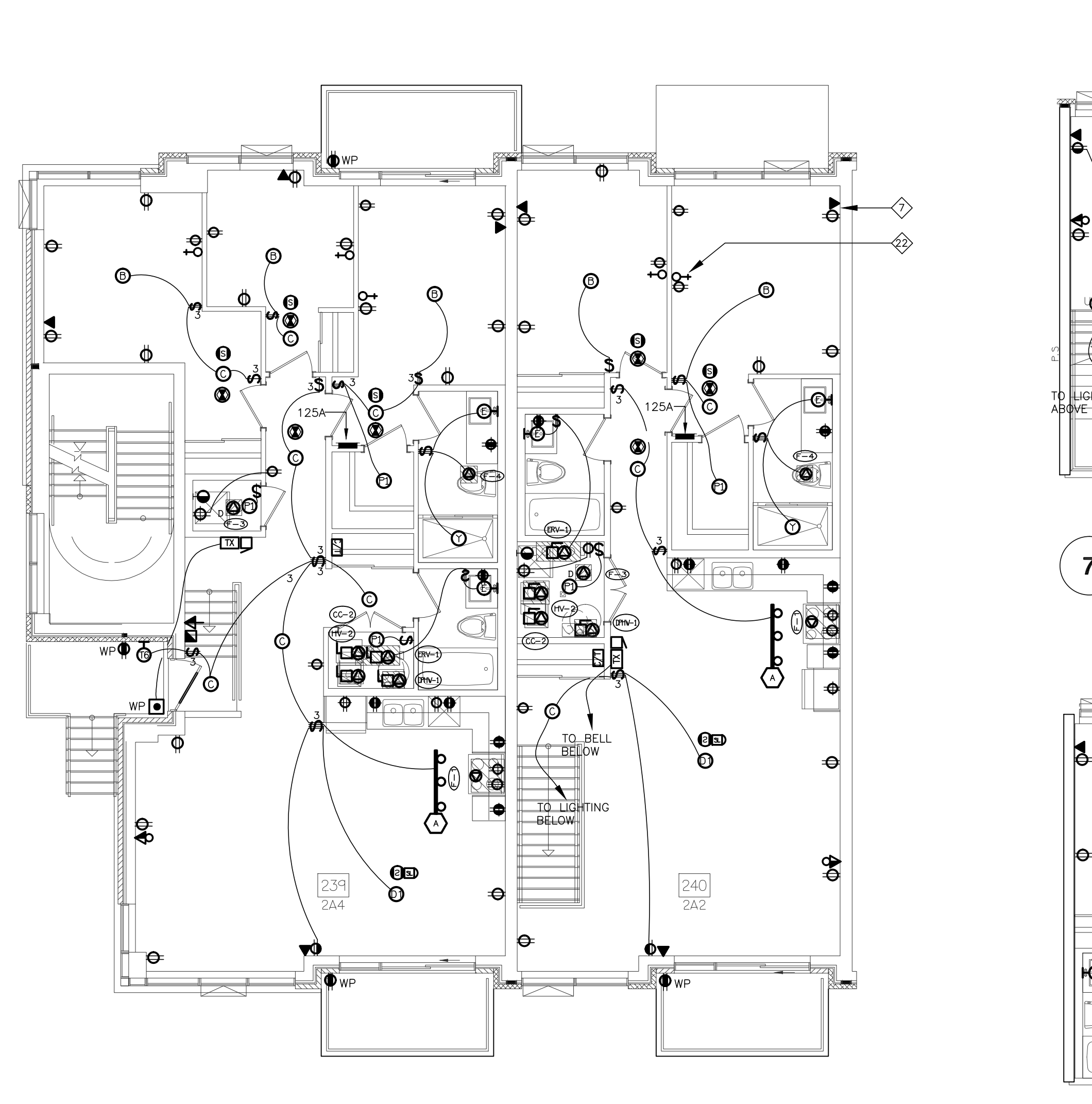
15 SUITE LAYOUT TYPE 2D2 LOWER LEVEL



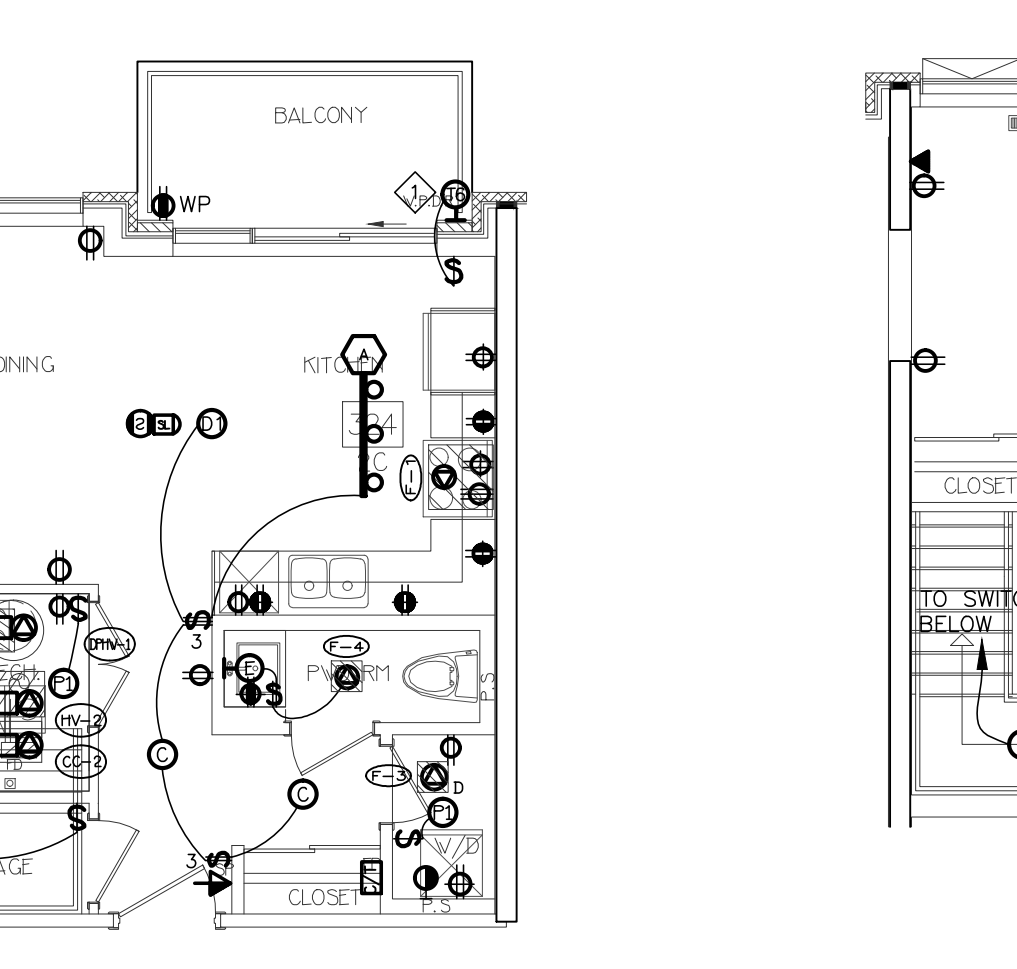
16 SUITE LAYOUT TYPE 2D2 UPPER LEVEL



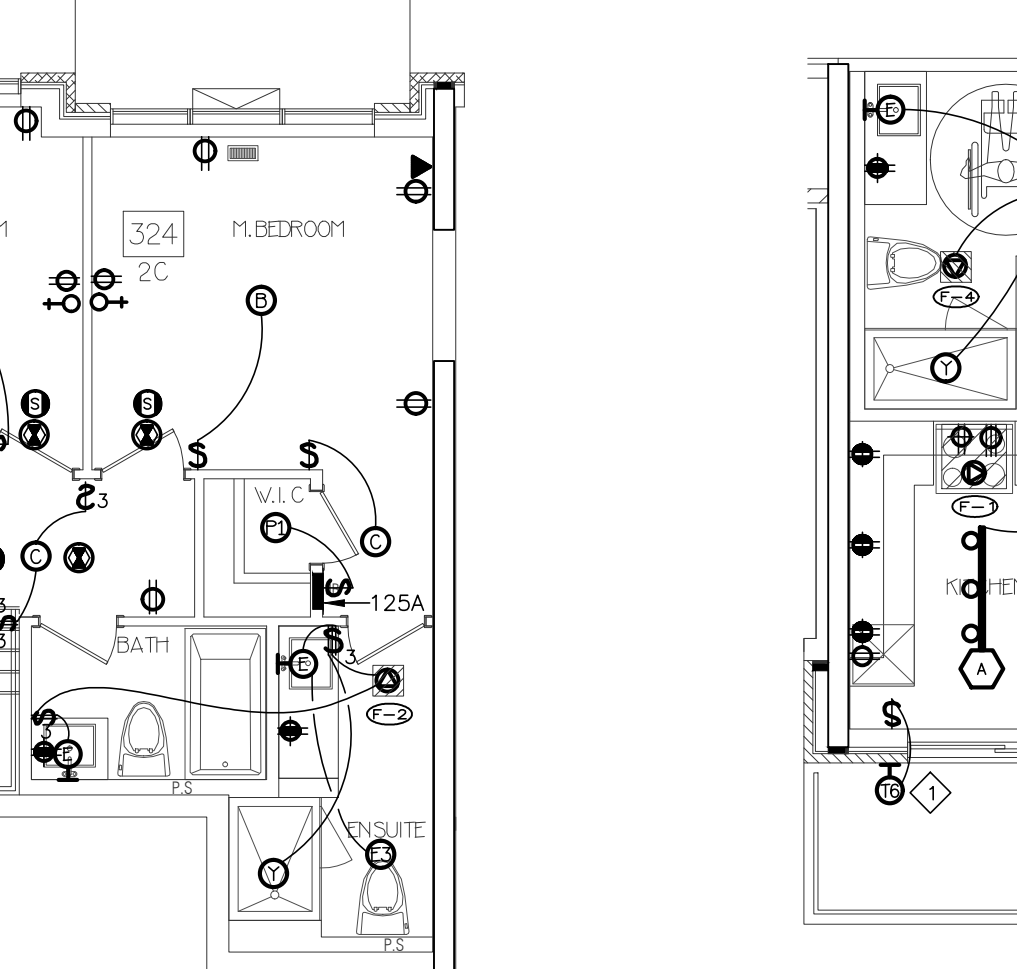
1 SUITE LAYOUT TYPE 2A & 2A2 GROUND FLOOR



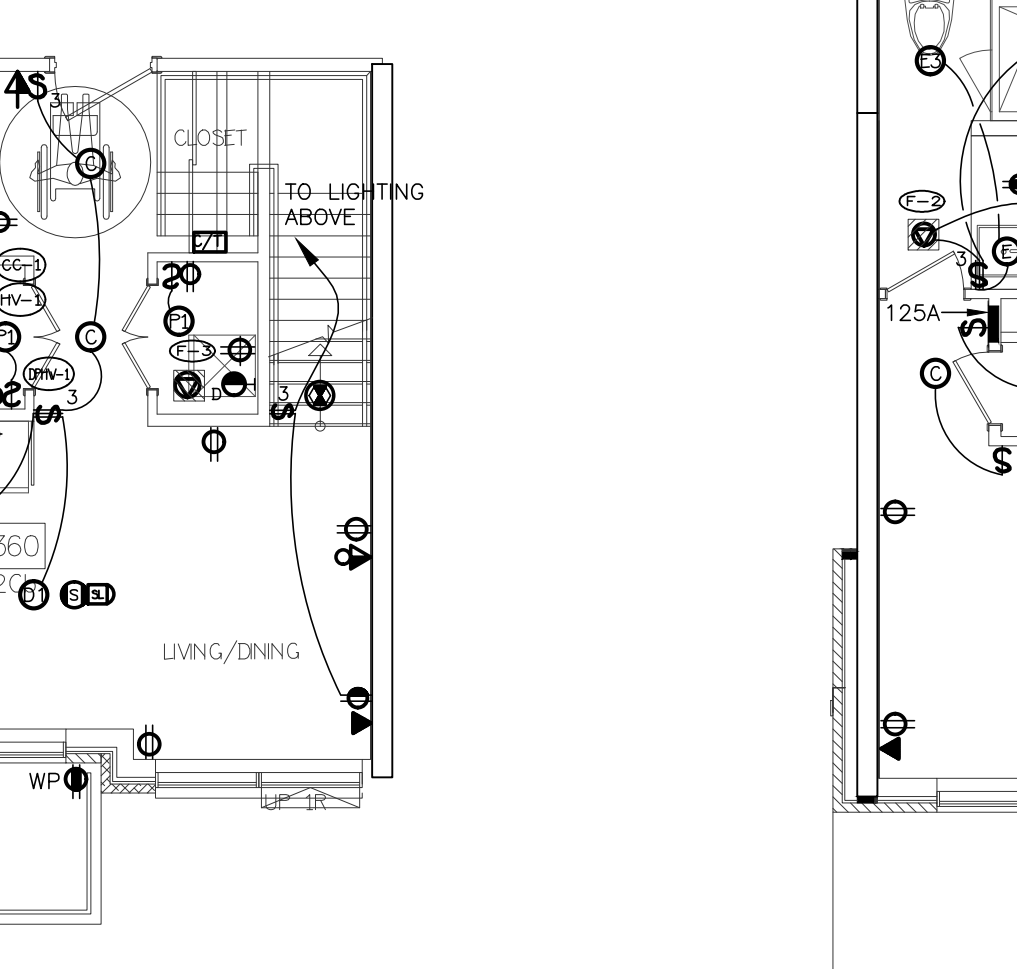
2 SUITE LAYOUT TYPE 2A4 & 2A2 SECOND FLOOR



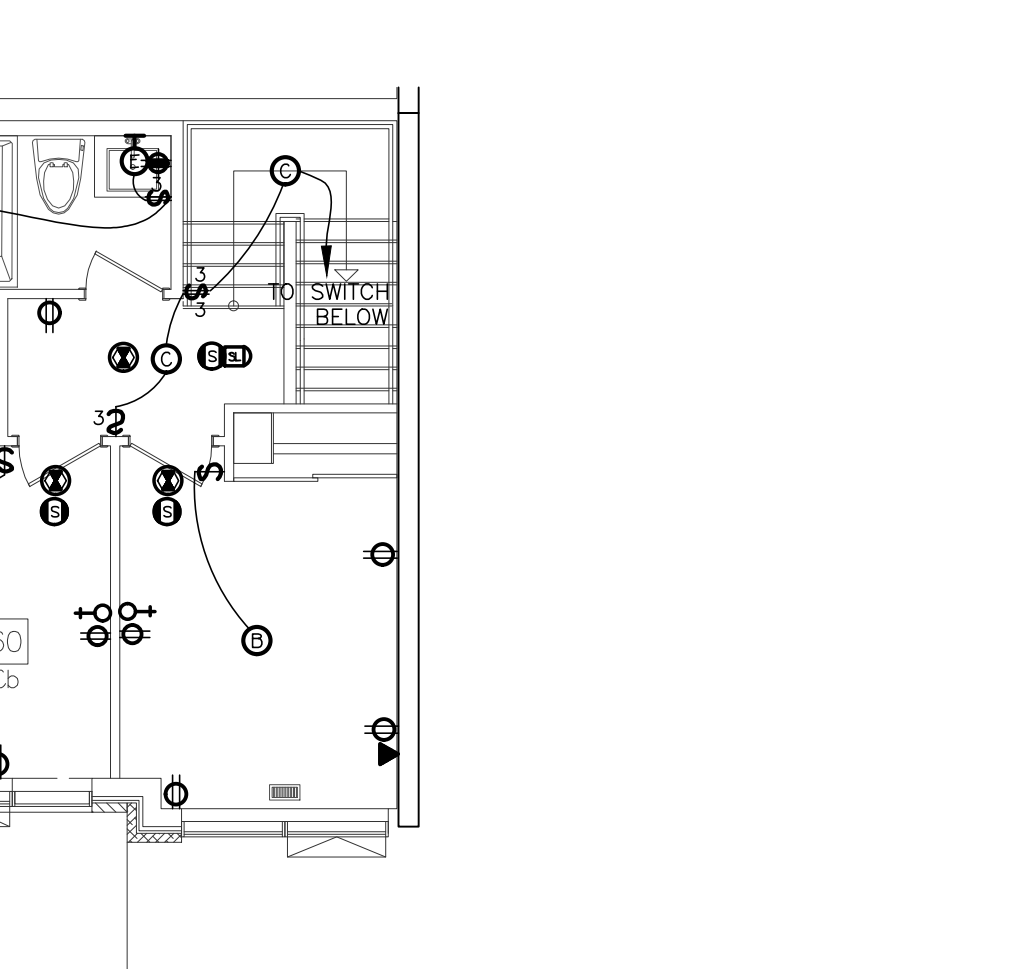
7 SUITE LAYOUT TYPE 2C & 2Ca LOWER LEVEL



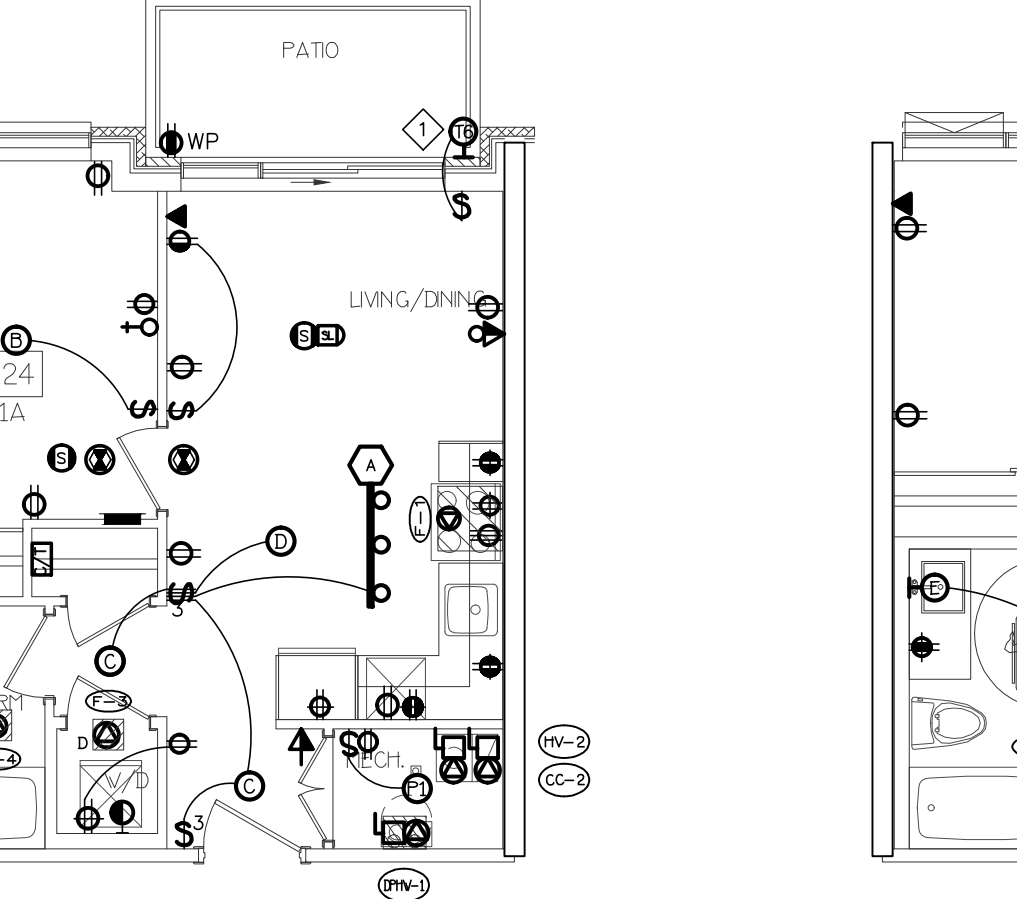
8 SUITE LAYOUT TYPE 2C & 2Ca UPPER LEVEL



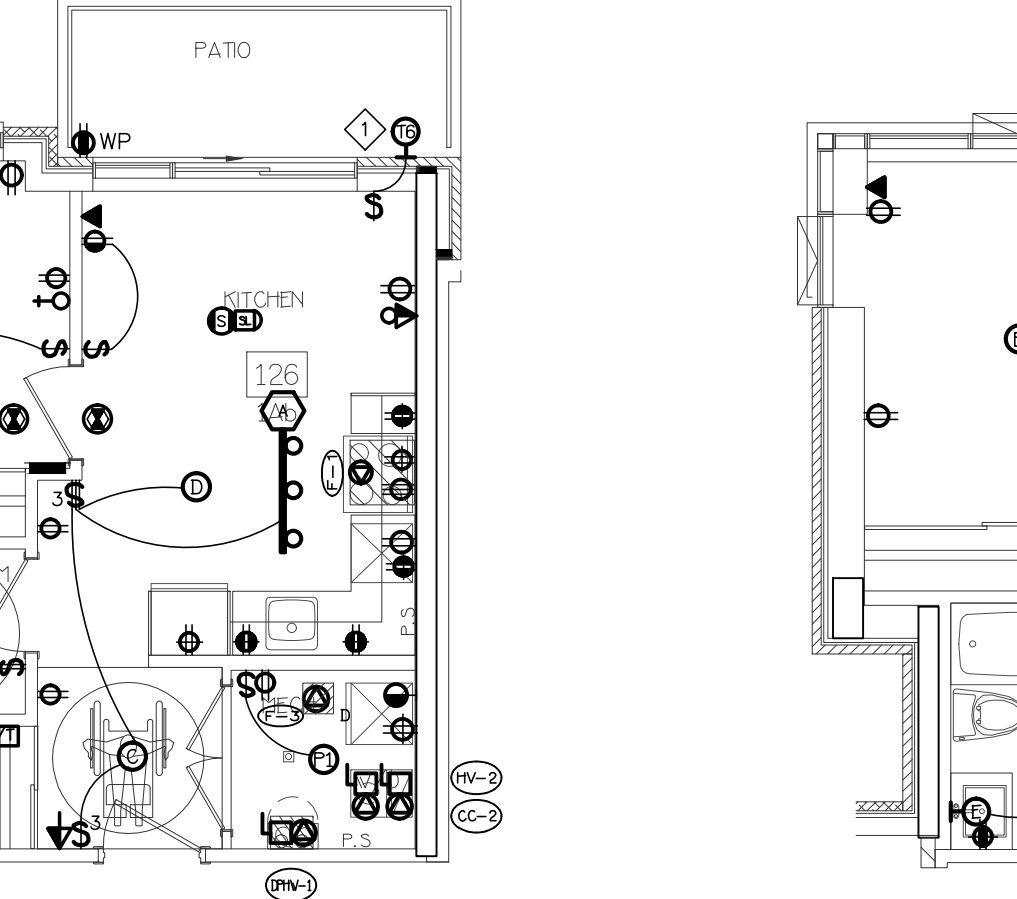
9 SUITE LAYOUT TYPE 2Cb LOWER LEVEL



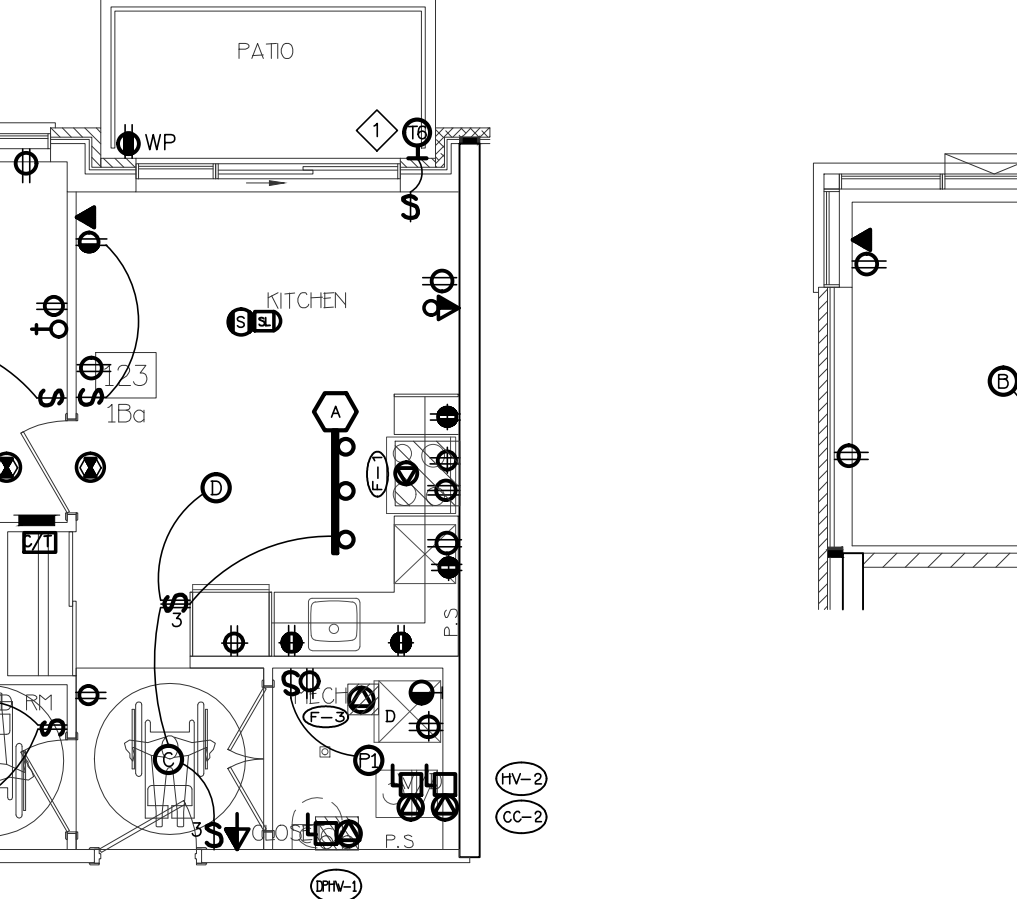
10 SUITE LAYOUT TYPE 2Cb UPPER LEVEL



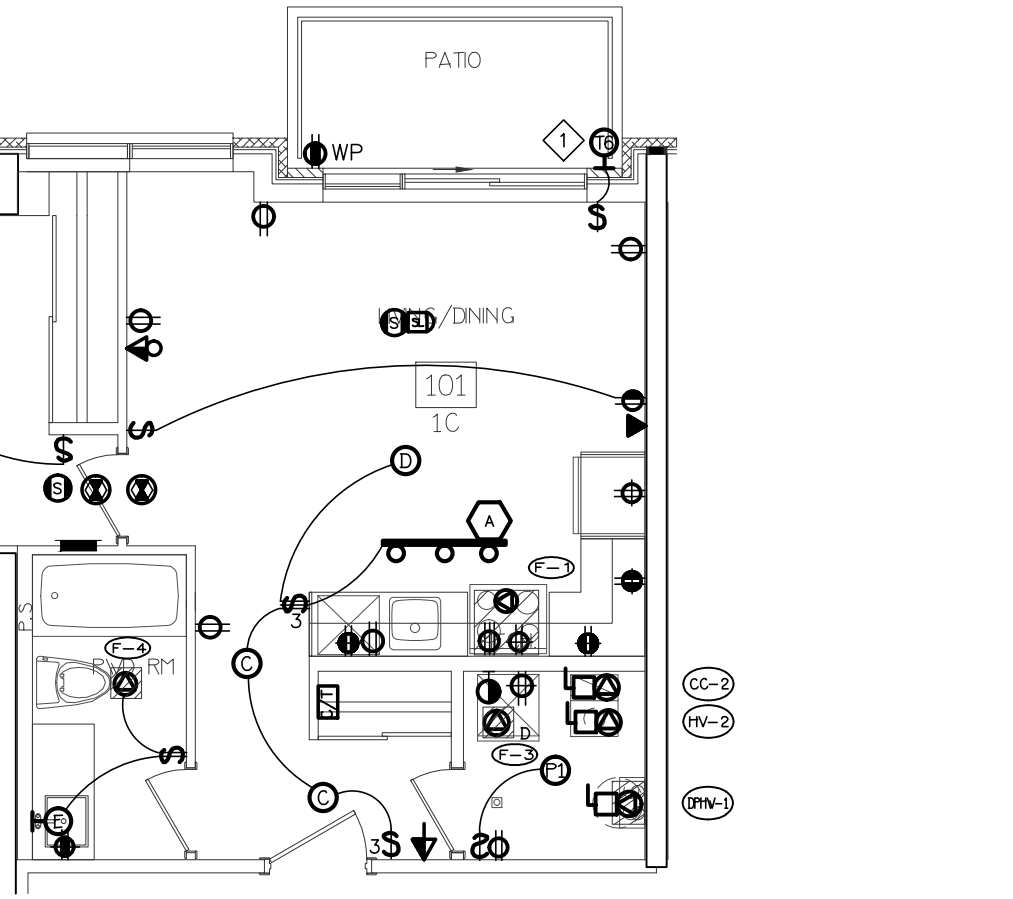
3 SUITE LAYOUT TYPE 1A & 1Aa ONE FLOOR LEVEL



4 SUITE LAYOUT TYPE 1Ab ONE FLOOR LEVEL



5 SUITE LAYOUT TYPE 1Ba ONE FLOOR LEVEL



6 SUITE LAYOUT TYPE 1C ONE FLOOR LEVEL

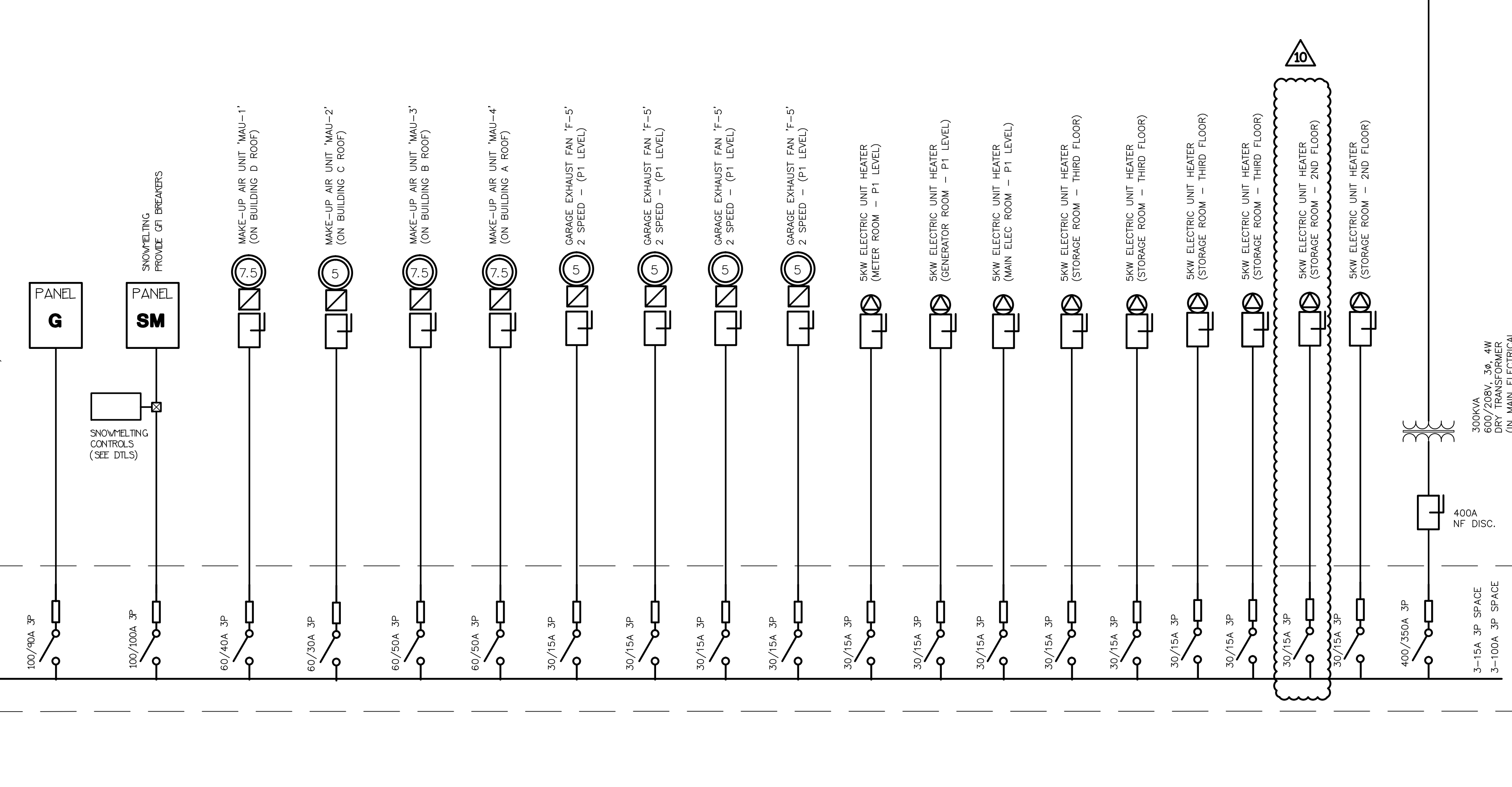
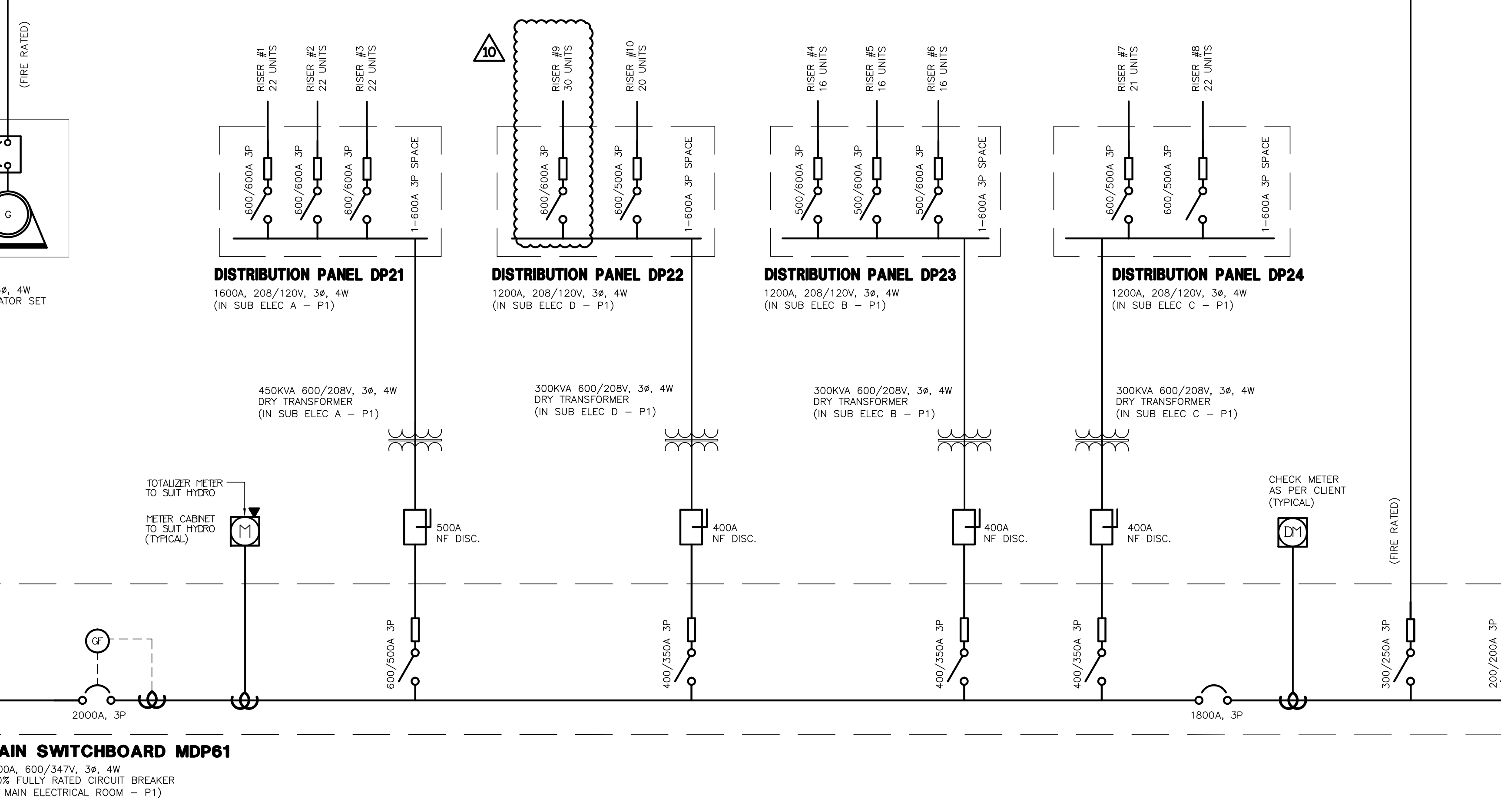
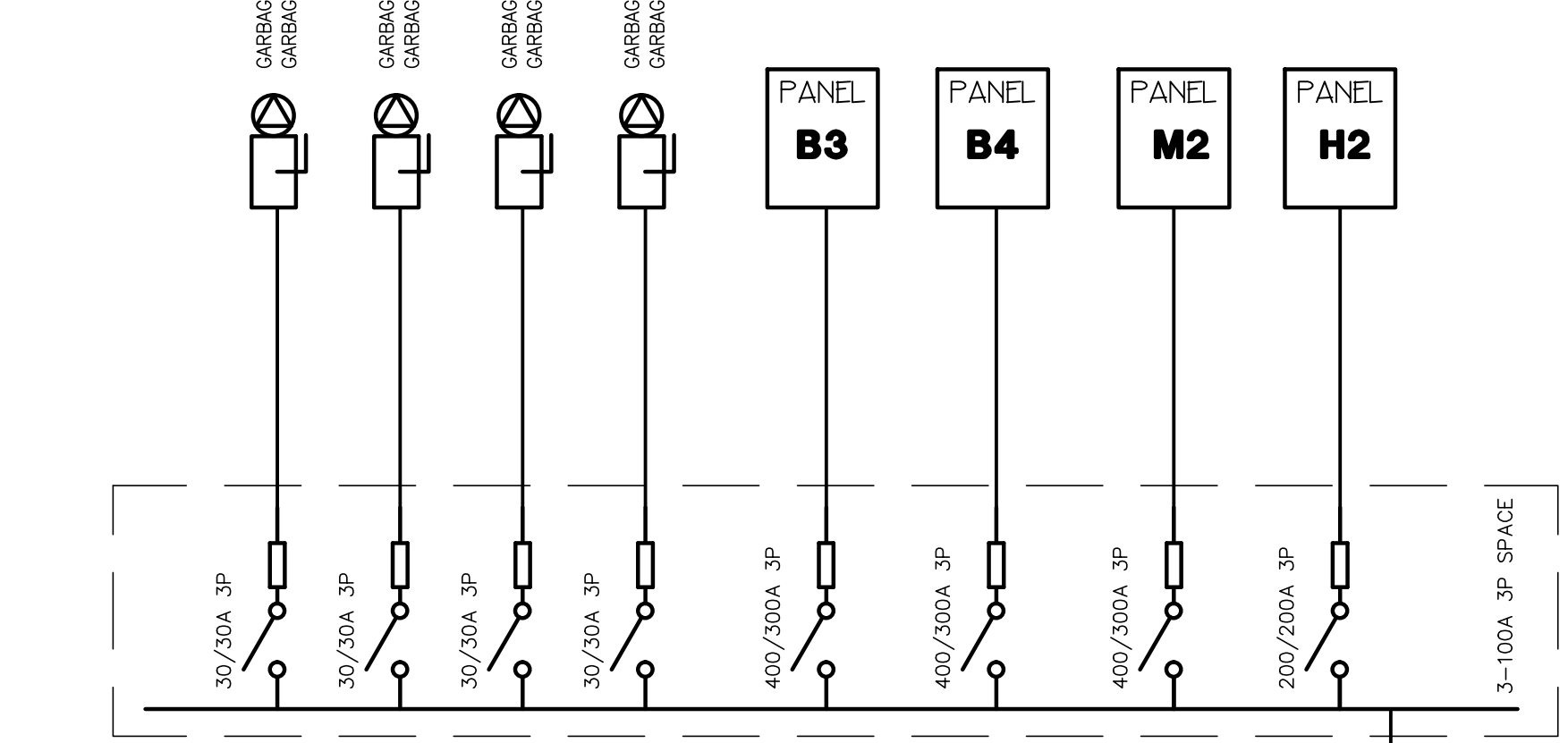
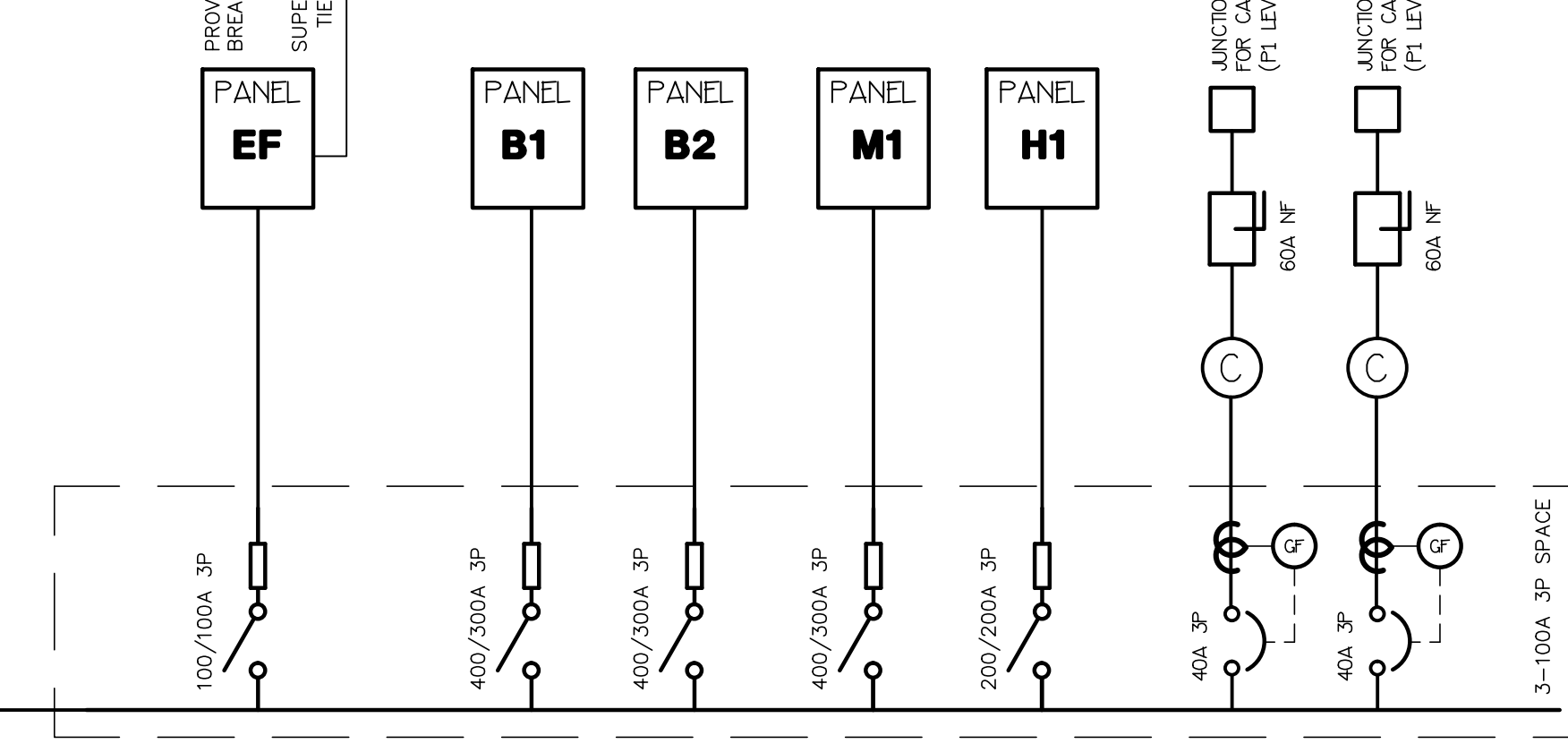
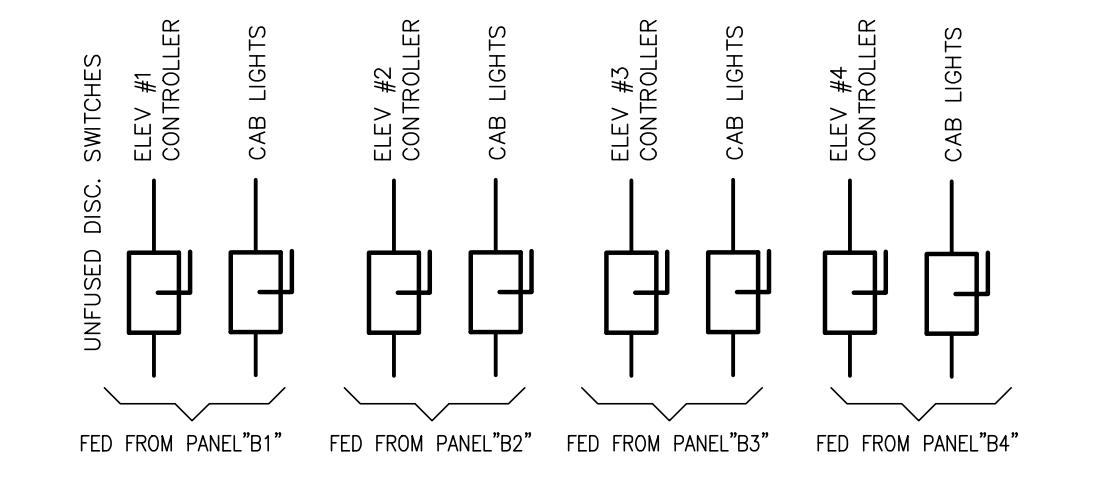
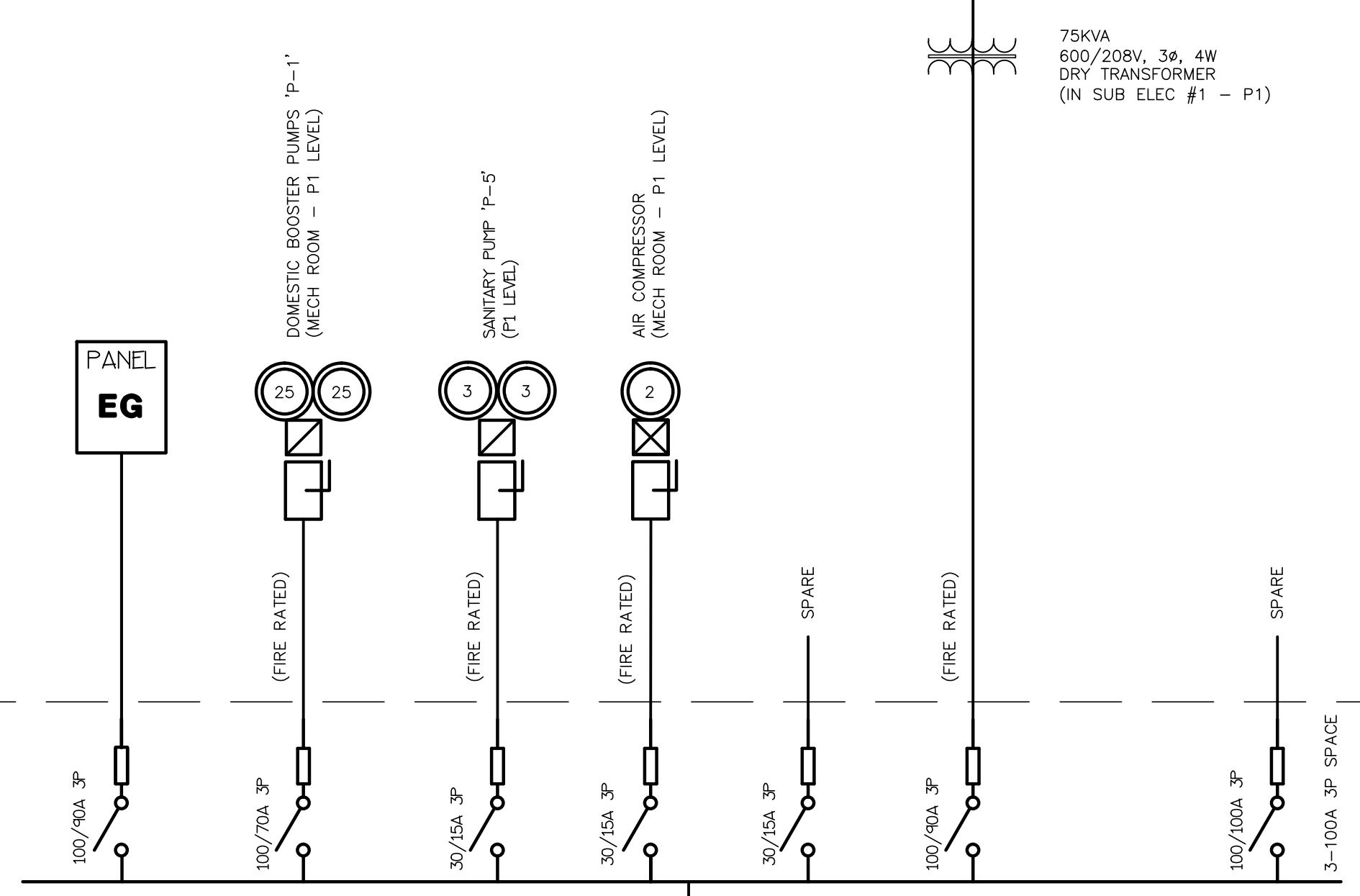
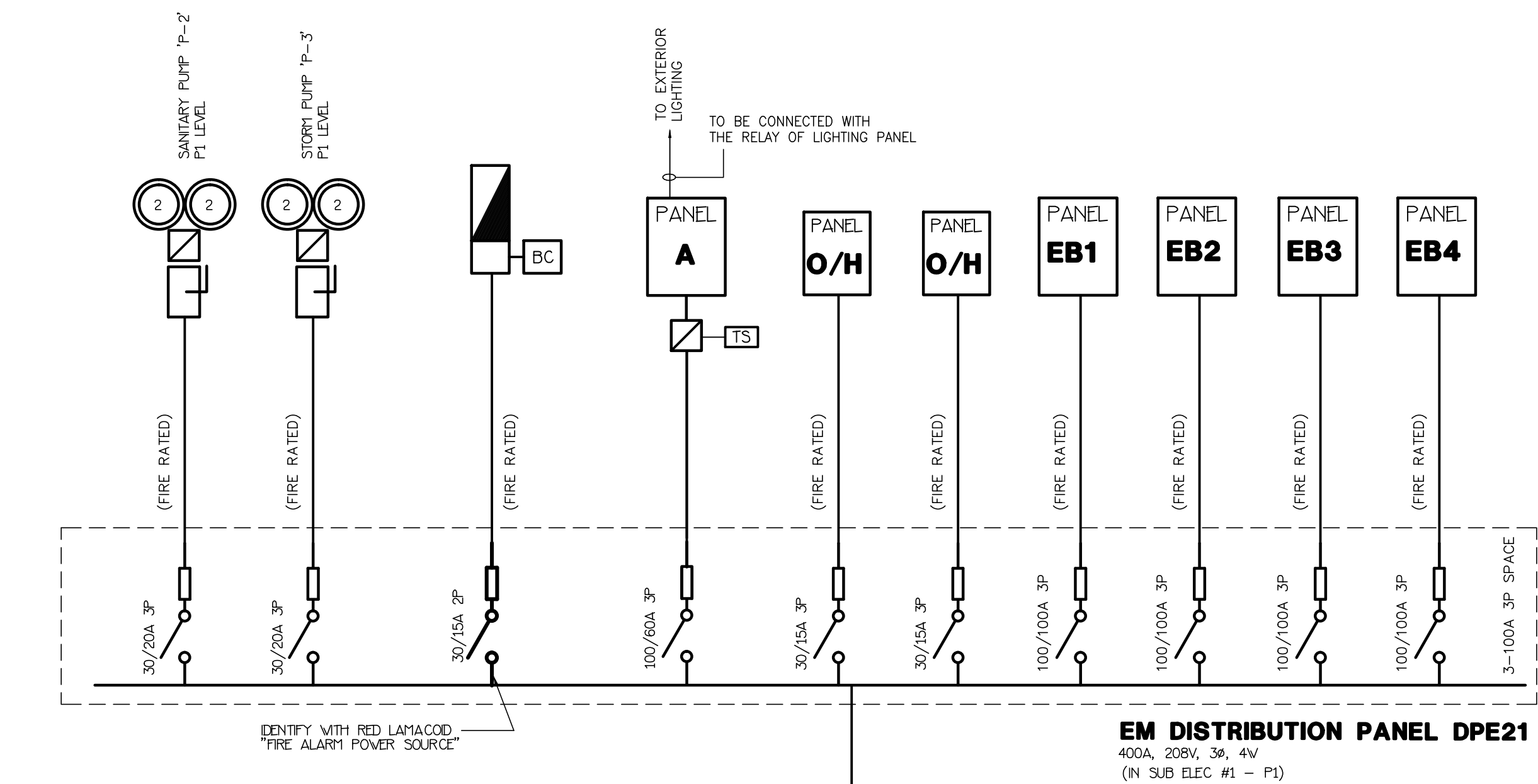
NO.	BY	DESCRIPTION	DATE
08	SP	ISSUED FOR SITE INSTRUCTION E-6	JUN. 04, 2021
07	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION	MAR. 26, 2021
06	SP	ISSUED FOR ADD E-5	MAR. 26, 2021
05	SP	ISSUED FOR PERMIT BUILDINGS A, B, C, D	MAR. 03, 2021
04	SP	ISSUED FOR ADD E-3	JAN. 19, 2021
03	SP	ISSUED FOR PERMIT	SEP. 28, 2020
02	SP	ISSUED FOR ADD E-2	JUN. 15, 2020
01	SP	ISSUED FOR TENDER	AUG. 02, 2019

REVISIONS		
NO.	BY	DESCRIPTION

This drawing is an instrument of service, is provided by and is the property of United Engineering Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify United Engineering Inc. of any discrepancy before proceeding. United Engineering Inc. is not responsible for the accuracy of Architectural, structural, interior design, etc., on this drawing. Refer to the appropriate trade drawings before proceeding with any work. Installation must conform to all applicable codes and requirements of the authorities having jurisdiction. This drawing is not to be scaled, all symbols are graphic representations only.

UNITED ENGINEERING INC.
Mechanical Electrical Consulting Engineers
3645 Keele Street, Suite 105,
Toronto, Ontario, M3J 1M6
Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE		TYPICAL SUITE LAYOUT ELECTRICAL	
PROJECT		BRAMPTON STACKED FORESTSIDE ESTATES	
DRAWN		CHECKED	SCALE
SP	MG		1/75
DATE		PROJECT	DRAWING
MAY, 2019	18-017		E-8
			OF 16



BREAKER OR FUSE AND CONDUITS	CONDUCTORS	BREAKER OR FUSE AND CONDUITS	CONDUCTORS
15A, 20A	3(0) #12-16C + #12 GROUNDING	250A	3(0) #250MCM-63C + #4 GROUNDING
30A, 35A	3(4) #10-16C + #10 GROUNDING	300A	3(0) #350MCM-63C + #4 GROUNDING
40A, 50A	3(4) #8-21C + #10 GROUNDING	350A	3(0) #350MCM-78C + #3 GROUNDING
60A	3(4) #8-21C + #10 GROUNDING	400A	3(0) #400MCM-78C + #3 GROUNDING
75A, 80A	3(4) #8-21C + #8 GROUNDING	550A	2 RUNS OF 3(0) #550MCM-63C + #2 GROUNDING
90A, 100A	3(4) #8-21C + #8 GROUNDING	600A	2 RUNS OF 3(0) #600MCM-63C + #1 GROUNDING
125A	3(4) #7-41C + #8 GROUNDING	700A	2 RUNS OF 3(0) #700MCM-78C + #1 GROUNDING
150A	3(4) #7-41C + #8 GROUNDING	800A	3 RUNS OF 3(0) #800MCM-63C + #1 GROUNDING
175A	3(4) #7-41C + #8 GROUNDING	900A	3 RUNS OF 3(0) #900MCM-63C + #2 GROUNDING
200A	3(4) #7-41C + #8 GROUNDING	1000A	4 RUNS OF 3(0) #1000MCM-63C + #2 GROUNDING
225A	3(4) #7-41C + #8 GROUNDING	1200A	4 RUNS OF 3(0) #1200MCM-63C + #2 GROUNDING
		1600A	5 RUNS OF 3(0) #1600MCM-78C + #4 GROUNDING

PRIMARY BREAKER OR FUSE	SECONDARY CONDUCTOR AND CONDUIT
30kVA	4#2-53C + #6 GROUNDING
45kVA	4#2-53C + #6 GROUNDING
75kVA	4#2-53C + #6 GROUNDING
90kVA	4#3-50MCM CORFLEX + #4 GROUNDING
112.5kVA	4#3-50MCM CORFLEX + #3 GROUNDING
225kVA	2 RUNS OF 3(0) #225MCM CORFLEX + #3 GROUNDING
300kVA	3 RUNS OF 3(0) #300MCM CORFLEX + #2 GROUNDING
450kVA	4 RUNS OF 3(0) #450MCM CORFLEX + #2 GROUNDING

SERVICE SECONDARY CONDUCTORS IN CONCRETE ENCASED DUCTBANK	DUCTBANK IN SLAB	DUCTBANK IN SOIL
500kVA (600A)	2 RUNS OF 350MCM	2 RUNS OF 350MCM
750kVA (900A)	3 RUNS OF 500MCM	3 RUNS OF 500MCM
1000kVA (1200A)	3 RUNS OF 750MCM	4 RUNS OF 500MCM
1500kVA (1800A)	4 RUNS OF 750MCM	6 RUNS OF 500MCM

- GENERAL NOTES**
- EMERGENCY FEEDERS TO BE PROTECTED FOR A MINIMUM OF TWO HOURS AND TO BE IN PROTECTABLE ENCLAVES OR STANDARD CABLES IN A FIRE RATED ENCLOSURE ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. CONCRETE ENCASED CONDUITS (MIN 75MM) WHERE POSSIBLE AND APPROVED WILL BE ACCEPTABLE.
 - NOTE FOR BOILER PUMPS:
BOILER PUMP SIZES AND VOLTAGE TO BE CONFIRMED ON SITE WITH DV, IS AND TO SUIT SHOP DRAWINGS. FEEDERS TO BE SIZED ACCORDINGLY AND FED FROM APPROPRIATE PANEL, 150/200V PANEL WITH MECHANICAL, FENTHOUSE.
 - FEEDERS MARKED THUS "X" TO BE VERIFIED FROM SHOP DRAWINGS. FEEDERS AND BREAKERS SIZED ACCORDINGLY TO SUIT.
 - ALL GROUNDING AND BONDING CONDUCTOR REQUIREMENTS TO BE IN ACCORDANCE WITH CODE, TO BE AS PER TABLES 16 AND 17 AND TO SUIT INSPECTOR'S REQUESTS.
 - RATINGS OF ALL MECHANICAL EQUIPMENT TO BE CONFIRMED FROM MANUFACTURER'S SHOP DRAWINGS PRIOR TO ROUGH-IN.
 - PROVIDE A 32MM EMT CONDUIT C/W PULL STRING FROM CABINET TO THE CT COMPARTMENT OF MAIN SWITCHBOARD.
 - PROVIDE A 19MM EMT CONDUIT C/W PULL STRING AND PLASTIC BUSHINGS FROM THE TELEPHONE BOXES TO THE UPPER RIGHT CORNER OF THE CABINET. SUPPLY AND INSTALL A RJ11 (4-PIN) JACK IN UPPER RIGHT HAND CORNER.
 - PROVIDE A 120V DUPLEX RECEPTACLE IN THE BOTTOM RIGHT CORNER OF THE CABINET.
 - ELECTRICAL CONTRACTOR TO PROVIDE "TORONTO" HYDR0 WITH TWO SETS OF SWITCHBOARD DRAWINGS FOR APPROVAL AND ONE COPY TO ESA.

ESTIMATED LOAD BREAKDOWN

LOAD DESCRIPTION	KW
SUITES	327.4
A/C UNIT	517.5
ELEVATORS	60
MISC. LIGHTS	60
MISC. POWER	60
MECHANICAL	180
RETAIL SPACES	0
MISC. HEATING	256
RESTAURANTS	0
TOTAL	1460.9

ANTICIPATED TRANSFORMER SIZE: 2000 KVA
SERVICE SWITCHBOARD: 2000A, 600/347V, 3 PHASE, 4 WIRE FULL RATED

- NOTES**
- 3 WIRES ARE USED FOR ALL 3 PHASE MOTORS AND TRANSFORMER PRIMARY. 4 WIRES FOR OTHER LOADS. FEEDERS ARE UP TO 100 FEET LONG. ADJUST SIZES ACCORDINGLY LONGER TO ADJUST THE VOLTAGE DROP TO CODE REQUIREMENT.
 - ALL CABLES SHOWN ARE COPPER. ALUMINUM CONDUCTORS CAN BE USED IF APPROVED BY THE ENGINEER. ADJUST RATINGS TO SUIT.
 - CABLES AND CONDUCTORS TO BE APPROVED FOR TYPE OF DUTY TO PREVENT UNDERGROUND, DRY LOCATION, HAZARDOUS AREA, ETC.) TO SUIT CODE REQUIREMENT.
 - CABLE SIZE AND DUCTBANK DETAILS TO HYDR0 AND ESA STANDARDS. ALLOW FOR COORDINATION.
 - ELECTRICAL CONTRACTOR TO PROVIDE COORDINATION STUDY TO ENGINEER PRIOR TO ORDER, INCLUDING MANUFACTURER'S RECOMMENDATIONS.
 - ELECTRICAL CONTRACTOR TO PROVIDE TWO SETS OF SWITCHBOARD DISTRIBUTION DRAWINGS TO TORONTO HYDR0 AND ONT. COPY TO ESA FOR APPROVAL.
 - ELECTRICAL CONTRACTOR TO GROUNDING SYSTEM TO SUIT HYDR0 & ESA.
 - SHORT CIRCUIT: TO SUIT COORDINATION STUDY.

NO.	BY	DESCRIPTION	DATE
10	SP	ISSUED FOR SITE INSTRUCTION E-6	JUN. 04, 2021
09	SP	ISSUED FOR SITE INSTRUCTION E-5	MAY. 12, 2021
08	SP	ISSUED FOR SITE INSTRUCTION E-1	APR. 13, 2021
07	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION	MAR. 26, 2021
06	SP	ISSUED FOR ADD E-5	MAR. 26, 2021
05	SP	ISSUED FOR PERMIT BUILDINGS A, B, C, D	MAR. 03, 2021
04	SP	ISSUED FOR ADD E-3	JAN. 19, 2021
03	SP	ISSUED FOR PERMIT	SEP. 28, 2020
02	SP	ISSUED FOR ADD E-2	JUN. 15, 2020
01	SP	ISSUED FOR TENDER	AUG. 02, 2019

REVISIONS

This drawing is an instrument of service, is provided by and is the property of United Engineering Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify United Engineering Inc. of any discrepancy before proceeding. United Engineering Inc. is not responsible for the accuracy of Architectural, structural, interior design, etc., on this drawing. Refer to the appropriate trade drawings before proceeding with any work. Installation must conform to all applicable codes and requirements of the authorities having jurisdiction. This drawing is not to be scaled, all symbols are graphic representations only.

UNITED ENGINEERING INC.
Mechanical Electrical Consulting Engineers
3645 Keele Street, Suite 105,
Toronto, Ontario M3J 1M6
Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE
SINGLE LINE DIAGRAM
ELECTRICAL

PROJECT
BRAMPTON STACKED
FORESTSIDE ESTATES

**ATTMAY + PALLESCHI DRIVE
BRAMPTON, ONTARIO**

DRAWN	CHECKED	SCALE	NTS
SP	MG		

DATE
MAY, 2019

PROJECT
18-017

DRAWING
E-12

OF
16