



WHEN CONNECTING GARGAGE TUBES TO "DSC", EACH SENSOR BE
 AS A LIGHT BAY.
 (TYPICAL)
 ○ ○ ○ AUDIO/VISUAL REMOTE INDICATOR LIGHT.
 ○ GENERATOR BLOCK HEATER (CONFORM 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 1F
 ○ TOP OF LOWER STAIR SMOKE DETECTOR AND SPEAKER
 C/W FIRE ALARM ZONE
 ○ GARGAGE COMPACTOR TISSORT. EXACT LOCATION TBC
 FED FROM DP26.
 ○ 20A TROISORTER CONTROL PANEL.
 ○ ALL ELECTRICAL DEVICES LOCATED IN GARGAGE ROOM SHOULD
 BE WEATHER PROOF (THE OTHER)
 ○ -1/2" CONDUIT OUTLETS FOR:
 -TELEPHONE
 -ELECTRIC HORN
 -SECURITY/INTERCOM
 -GEN. HORN SIGNAL
 ○ CONFIRM EXACT QUANTITY AND TERMINATE ON SITE AS PER
 THE LOCATION OF CONTROLLER SHOWN IN ELEVATOR SHUT DRAMINGS.
 PROVIDE WIRE WELDER OR INSTALLER TOLER TO ROUGH IN.
 ○ DISCONNECTS FOR ELEVATOR POWER SUPPLY
 FED FROM ELEVATOR SUPPLY SP1
 ○ DISCONNECTS FOR ELEVATOR SHUT DRAMINGS
 REFER TO SINGLE LINE DIAGRAM FOR DETAILS.
 ○ EXACT LOCATION FOR ELEVATOR SHUT DRAMINGS.
 ○ VANDAL PROOF ELEVATOR SHUT PIT "P-2" (DUPLICATE)
 PANEL C/W PADLOCKABLE WIRE CABLE. REFER TO DETAIL
 EXACT CIRCUITS AS SHOWN
 ○ BRIDGE CIRCUIT FOR ELEVATOR FROM MOP1
 PROVIDE VANDAL PROOF CONTROL EQUIPMENT,
 TO BE INTERLOCKED WITH CO SYSTEM
 (ONE UNIT IN EACH OF THE OTHER)
 ○ VANDAL PROOF SANSARY SHUT PIT "C/W PUMP" P-2" (DUPLICATE)
 CONTROL PANEL C/W PADLOCKABLE WIRE CABLE
 REFER TO DETAIL
 ○ FED FROM DP21
 ○ NOT USED
 ○ PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL
 DOMESTIC COLD WATER PIPING OUTSIDE HEATED PLENUM
 (TYPICAL)
 FED FROM PANEL 1F
 ○ PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL
 VERTICAL NON FREEZE HOSE BIP PIPING OUTSIDE HEATED
 PLENUM (TYPICAL FOR 12)
 FED FROM PANEL 1F
 ○ INSULATED AND ELECTRICAL TRACING EXPOSED PIPING
 FED FROM PANEL 1F
 ○ NOT USED
 ○ VANDAL PROOF STORM SUMP PIT C/W PUMP "P-3" (DUPLICATE)
 CONTROL PANEL C/W PADLOCKABLE WIRE CABLE
 REFER TO DETAIL
 ○ FED FROM DP21
 ○ NOT USED
 ○ 10W HEATER C/W BUILT IN THERMOSTAT IN HEATED PIPE SPACE,
 BUILDING A AND BUILDING D FED FROM PANEL 1H
 BUILDING A AND BUILDING D
 REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION,
 QUANTITY AND DETAILS.
 ○ NOT USED
 ○ WIRELESS SIGNAL RECEIVER TO ACTIVATE G/H DOOR AND
 OR GATEWAYS WEATHERPROOF
 ○ G/H DOOR CONTROL PANEL TO BE INTERCONNECTED TO FIRE
 SYSTEM TO OPEN UPON ACTIVATE OF FIRE ALARM
 ○ 200 NON FREEZE HOSE BIP PIPE TO ABOVE PROVIDE INSULATION
 AND ELECTRICAL TRACING ON ALL VERTICAL NON FREEZE HOSE
 BIP PIPE TO ABOVE JF 1F WIRE (TYPICAL OF 12)
 FED FROM PANEL 1F
 ○ SMOKE DETECTOR C/W RELAY FOR ELEVATOR RECALL
 ○ INSULATED, FED FROM PANEL 1F
 ○ AIR COMPRESSOR FED FROM PANEL DP51
 CONFIRM EXACT LOCATION ON SITE
 ○ DISCONNECT SWITCH FOR 44"X4" JUNCTION BOX
 1-1/4" CONDUIT FOR POWER TO COMMUNICATION ROOM
 1-1/4" CONDUIT FOR COMMUNICATION COMMUNICATION ROOM
 ROUGH-IN FOR PROVISION FOR FUTURE C/P DISCHARGE SYSTEM FLUX
 EQUIPMENT OF SUPPLY TIE. PROVIDE SEPARATE CHECK
 METER.
 ○ TO K/S CHARGING STATION FED FROM DP-25.

1. ALL INSULATE AND ELECTRICALLY HEAT TRACING 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.

3. A COMPLETE NETWORKS GAS DETECTION AND CONTROL SYSTEM TO BE PROVIDED AND INSTALLED WHERE THE VENTILATION SYSTEM WILL BE PROVIDED TO THE GAS DETECTION SYSTEM.
(TYPICAL)
4. PROVIDE TO CO-ORDINATOR SYSTEM (TYPICAL) INSTALLATION DETAIL FOR PUMP AND CONTROLS.
5. FINAL DUMP TRIP AND TEST POINTS LOCATIONS MUST BE CO-ORDINATED WITH THE FIRE PROTECTION COORDINATOR OR SITE. ALL DUMP TRIPS AND TEST POINTS TO BE ELECTRICALLY TRACED AND INSULATED.
SEE PROJECT PAGE 17
(TYPICAL)
6. PROVIDE THE PROTECTION DRAWINGS FOR EXACT LOCATION FOR DUMP TRIPS, TEST CONNECTIONS, TIE-INS AND OTHER TIEING. CO-ORDINATE WITH PROTECTION SYSTEMS, AS NOT AVAILABLE AT THE PROJECT PAGE 17.
7. FINAL EXPOSED P-R TRAPS MUST BE CO-ORDINATED WITH DRAWING AND TESTER ON THE EXPOSED P-R TRAPS. ALL EXPOSED P-R TRAPS MUST BE ELECTRICALLY TRACED AND INSULATED.
SEE PROJECT PAGE 17.
8. PROVIDE LIGHT SWITCHES/CONTROLS SENSORS WHICH IS (ARE) REQUIRED TO BE PROVIDED TO THE EXPOSED P-R TRAPS, SPENDING THE ROOM FOR MECHANICAL ROOMS AND STORAGE ROOMS. ELSEWHERE IN THE PROJECT, THE EXPOSED P-R TRAPS ARE NOT REFER TO MECHANICAL P-R TRAPS FOR THE 24 HOURS OPERATION.
(TYPICAL)
9. ALL OCCUPANCY SENSATION DETECTION MUST BE AS PER MANUFACTURER'S RECOMMENDATION
10. EXIT SIGNS TO BE 50 W OR LESS PER FACE.

11	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION #2	JUN. 15, 2021
10	SP	ISSUED FOR SITE INSTRUCTION E-6	JUN. 04, 2021
9	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
NO.	BY	DESCRIPTION	DATE

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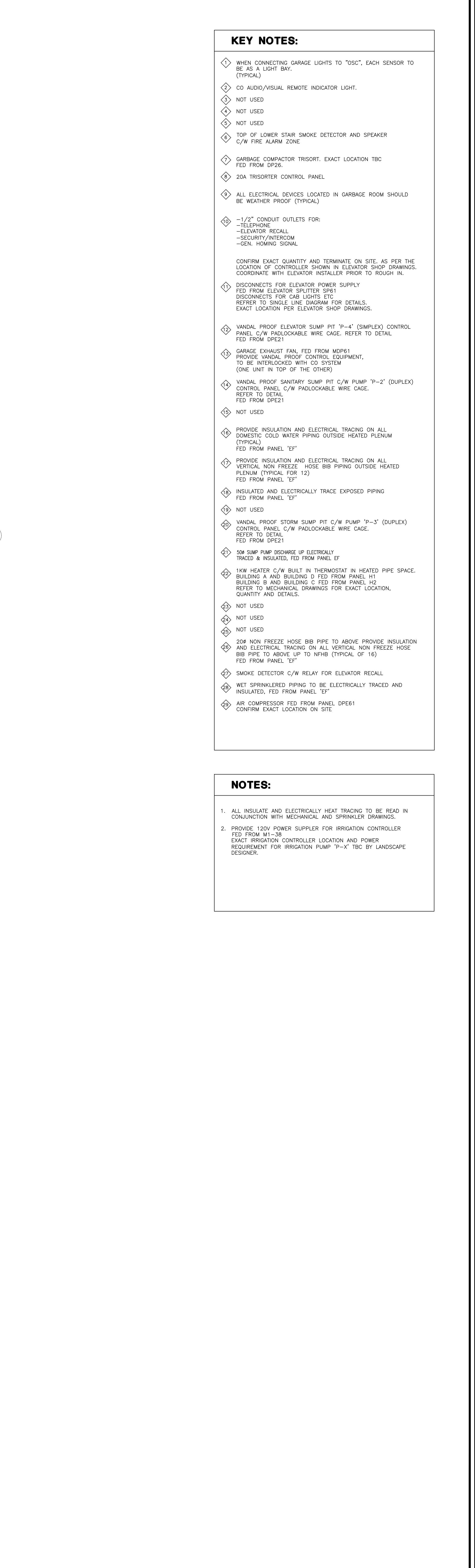


TITLE
PARKING LEVEL PART A
ELECTRICAL

BRAMPTON STACKED
FORESTSIDE ESTATES

ATTMAR + PALLESCHI DRIVE
BRAMPTON, ONTARIO

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



1. A COMPLETE INTERVIEW WAS CONDUCTED AND CONTROL SYSTEMS TO BE PROTECTED WERE IDENTIFIED. THE DETECTION SYSTEMS WILL BE MOVED UP DIRECTLY TO THE GAS DETECTION SYSTEMS. (TECHNICAL)
2. FINAL DRIFT DIPS AND TEST POINTS LOCATIONS WILL BE IDENTIFIED WITH THE FIRE PROTECTION CONTRACTOR ON SITE. ALL DRIFT DIPS AND TEST POINTS TO BE ELECTRICALLY TRACED AND INSULATED. (TECHNICAL)
3. REFER TO FIRE PROTECTION DRAWINGS FOR EXACT LOCATION FOR DRIFT DIPS, TEST CONNECTIONS, PIPES AND OTHER FIRE TRACING. (TECHNICAL)
4. REFER TO GAS DETECTION SYSTEMS AS NOT AVAILABLE AT THE TIME OF THIS REPORT. (TECHNICAL)
5. FINAL EXPLODE-PI TRAPS SHALL BE CO-ORDINATED WITH THE FIRE PROTECTION CONTRACTOR. DRIFT DIPS TO BE ELECTRICALLY TRACED AND INSULATED. (TECHNICAL)
6. PROVIDE LIGHT SWITCHES/OCCUPANCY SENSORS WHICH ARE USED TO CONTROL THE OPERATION OF THE EXHAUST FAN SPRING THE ROOM FOR MECHANICAL ROOMS AND STORAGE ROOMS. (ALSO REFER TO ELECTRICAL CONTRACTOR FOR LIGHTING FIXTURES) REFER TO RECREATIONAL FAN SCHEDULE FOR FANS TO BE SHUTS OPERATION (TECHNICAL)
7. ALL OCCUPANCY SENSOR INSTALLATION TO BE AS PER MANUFACTURER RECOMMENDATION.
8. ENT GTS TO BE ON OR LESS PER PAGE.

WHEN CONNECTING GARAGE LIGHTS TO "OSC", EACH SENSOR TO BE A LIGHT BAY.
(TYPICAL)

◇◇ AUDIO/VISUAL REMOTE INDICATOR LIGHT.

NOT USED

NOT USED

NOT USED

◇◇ TOP OF LOWER STAIR SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE

◇◇ GARBAGE COMPACTOR TRISOOT. EXACT LOCATION TBD FIED FROM DP26.

◇◇ 20A TRANSFORMER CONTROL PANEL

◇◇ ALL ELECTRICAL DEVICES LOCATED IN GARBAGE ROOM SHOULD BE WEATHER PROOF (TYPICAL).

◇◇ -1/2" COND OUTLETS FUED TO:
-TELEPHONE
-ELEVATOR RECALL
-SECURITY/INTERCOM
-FIRE ALARM SIGNAL

CONFIRM EXACT QUANTITY AND TERMINATE ON SITE, AS PER THE ELEVATOR CONTROLLER SHOWN IN ELEVATOR SHOP DRAWINGS. COORDINATE WITH ELEVATOR INSTALLER PRIOR TO ROUGH IN.

◇◇ DISCONNECTS FOR ELEVATOR POWER SUPPLY
FIED FROM ELEVATOR SPLITTER SP1
◇◇ DISCONNECTS FOR CAB LIGHTS ETC.
REFER TO SINGLE LINE DIAGRAM FOR DETAILS.
EXACT LOCATION FOR ELEVATOR SHOP DRAWINGS.

◇◇ VANDAL PROOF ELEVATOR SUMP PIT "P-4" (SIMPLEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL FIED FROM DP21.

◇◇ GARBAGE EXHAUST FAN. FIED FROM MD01
PROVIDE VANDAL FAN PROOF CONTROL EQUIPMENT, TO BE BE INTERLOCKED TO C/O SYSTEM
(ONE UNIT IN PORT OF THE OTHER)

◇◇ VANDAL PROOF SANITARY SUMP PIT C/W PUMP "P-2" (DUPEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL FIED FROM DP21

NOT USED

◇◇ PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL EXPOSED COLD WATER PIPING OUTSIDE HEATED PLENUM (TYPICAL)
FIED FROM PANEL "EF"

◇◇ PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL VERTICAL C/W BB PIPING OUTSIDE HEATED PLENUM (TYPICAL FOR 12)
FIED FROM PANEL "EF"

◇◇ INSULATED AND ELECTRICALLY TRACE EXPOSED PIPING FIED FROM PANEL "EF"

NOT USED

◇◇ VANDAL PROOF STORM SUMP PIT C/W PUMP "P-3" (DUPEX) CONTROL PANEL C/W PADLOCKABLE WIRE CAGE. REFER TO DETAIL FIED FROM DP21

◇◇ 10W SUMP PUMP DISCHARGE IP ELECTRICALLY TRACED & INSULATED. FIED FROM PANEL "EF"

◇◇ 10W HEATER C/W BUILT IN THERMOSTAT IN HEATED PIPE SPACE. BUILDING 4 AND BUILDING 5 FIED FROM PANEL H1. BUILDING 6 AND BUILDING C FIED FROM PANEL H2
REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION, QUANTITY AND DETAILS.

NOT USED

NOT USED

◇◇ 20W NON FREEZE ZONE BB PIPE TO ABOVE PROVIDE INSULATION AND ELECTRICAL TRACING ON ALL VERTICAL NON FREEZE ZONE BB PIPE TO ABOVE UP TO NETH (TYPICAL OF 16)
FIED FROM PANEL "EF"

◇◇ SMOKE DETECTOR C/W RECALL FOR ELEVATOR RECALL

◇◇ NET SPRINKLER RING TO ELEVATOR RECALL AND INSULATED. FIED FROM PANEL "EF"

◇◇ AIR COMPRESSOR FIED FROM PANEL DP01
CONFIRM EXACT LOCATION ON SITE

ALL INSULATE AND ELECTRICALLY HEAT TRACING TO BE READ IN CONJUNCTION WITH MECHANICAL AND SPRINKLER DRAWINGS.

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.

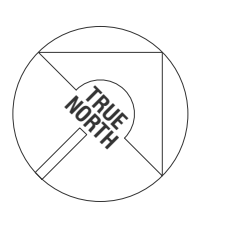
NO.	BY	DESCRIPTION	DATE
12	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION #2	JUN. 15, 2022
11	SP	ISSUED FOR SITE INSTRUCTION E-6	OCT. 04, 2021
10	SP	ISSUED FOR SITE INSTRUCTION E-4	MAY. 04, 2021
09	SP	ISSUED FOR SITE INSTRUCTION E-1	APR. 13, 2021
08	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION	MAR. 26, 2022
07	SP	ISSUED FOR PERMIT BUILDINGS A, B, C, D	MAR. 03, 2022
06	SP	ISSUED FOR ADD E-4	FEB. 08, 2022
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, 2021
02	SP	ISSUED FOR ADD E-1	SEP. 16, 2011
01	SP	ISSUED FOR TENDER	AUG. 02, 2012

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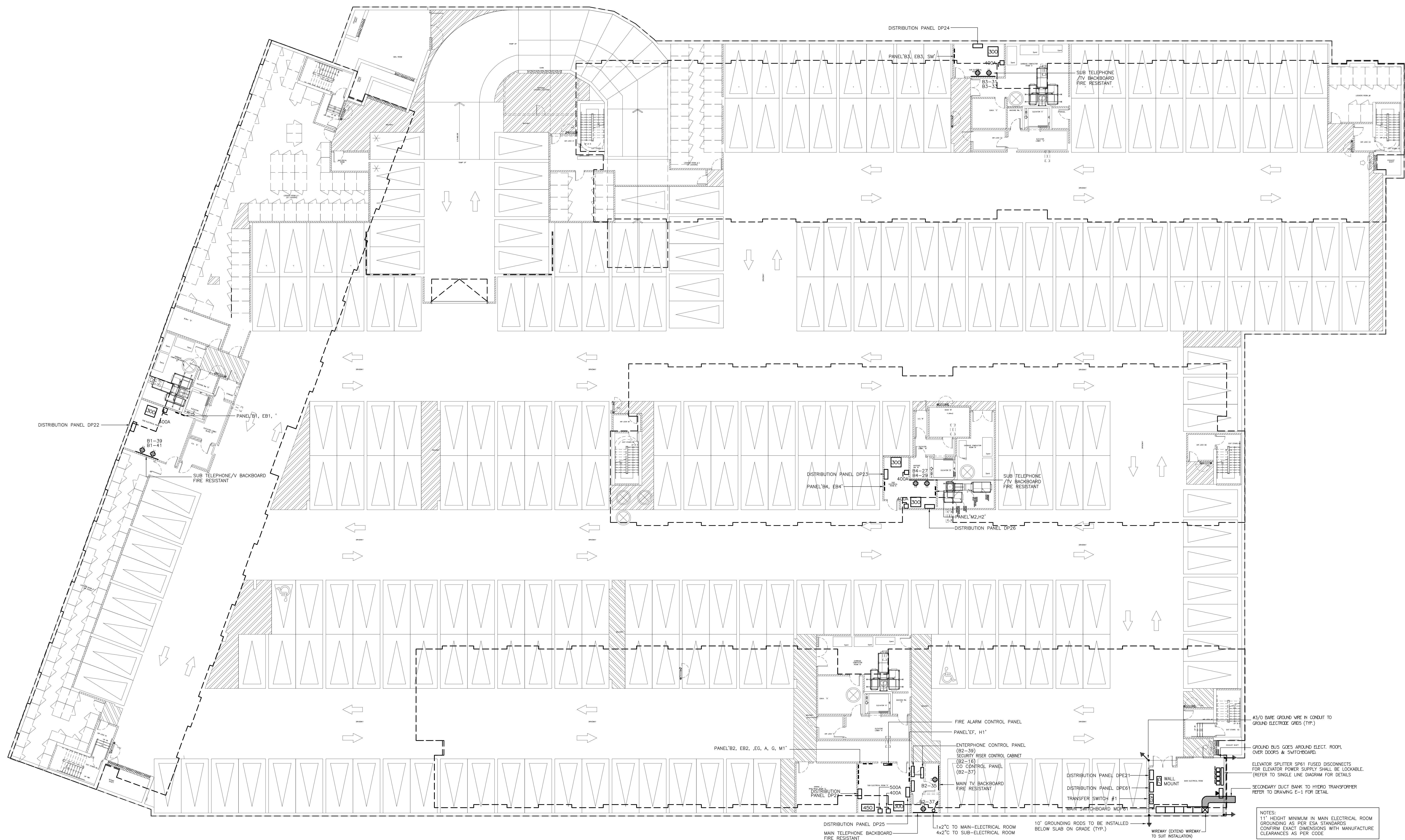


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PROJECT TITLE
PARKING LEVEL PART B
ELECTRICAL

PROJECT
BRAMPTON STACKED
FORESTSIDE ESTATES
ATTMAR + PALLESCI DRIVE
BRAMPTON, ONTARIO

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



NO.	BY	DESCRIPTION	DATE
10	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION #2	JUN. 15, 2021
09	SP	ISSUED FOR SITE INSTRUCTION E-4	MAY. 04, 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

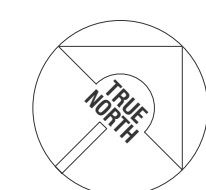
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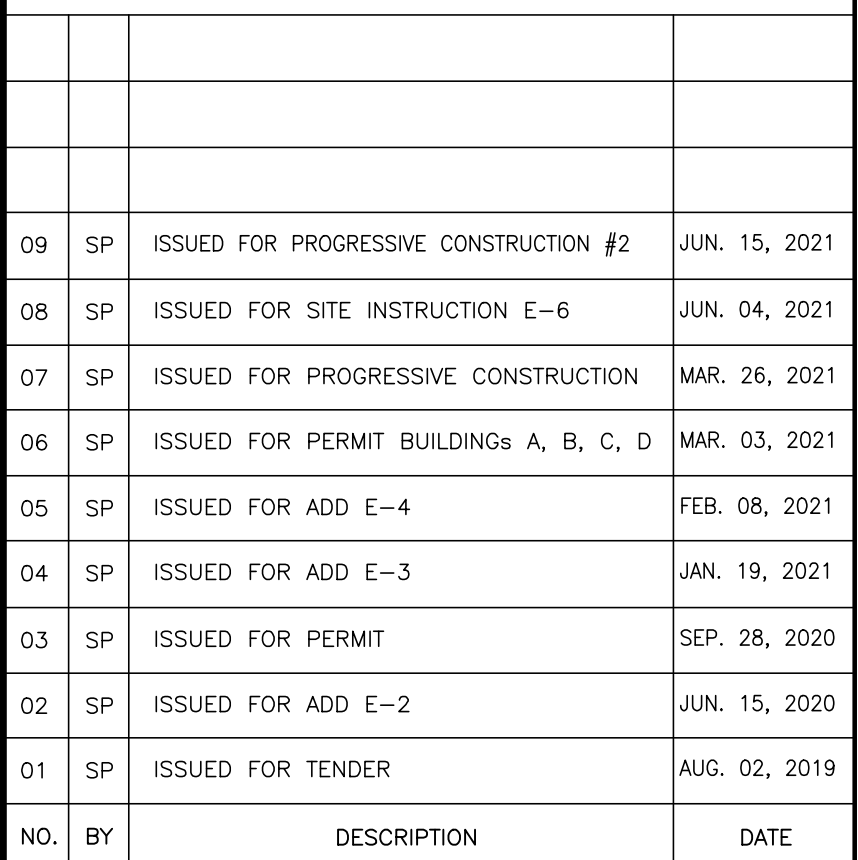
UNITED ENGINEERING INC.
Mechanical Electrical Consulting Engineers
3645 Keele Street, Suite 105,
Toronto, Ontario, M3J 1M6
Tel: (416) 398 1995, Fax: (416) 398 1933

TITLE
**PARKING LEVEL
ELECTRICAL ROOM LAYOUT**

PROJECT
**BRAMPTON STACKED
FORESTSIDE ESTATES**
**ATTMAR + PALLESCHI DRIVE
BRAMPTON, ONTARIO**

DRAWN SP	CHECKED MG	SCALE 1:50
DATE MAY, 2019	PROJECT 18-017	DRAWING E-2C OF 16

- ✓ INTERPHONE PANEL, C/W THE INTERBELLING CCTV SYSTEM, CARD READER, SYSTEM PANEL, CARD READER, CONFIRM EXACT LOCATION ON DATE, WEATHER PROOF
- ✓ JUNCTION BOX FOR TR-SORT CABLE 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)
- ✓ 0/1H DOOR CONTROL PANELS TO BE INTERCONNECTED TO FIRE ALARM SYSTEM TO OPEN UPON ACTIVATION OF FIRE ALARM
- ✓ 0/1H DOOR OPERATOR FEED FROM DPZ1
- ✓ 'DO NOT ENTER' SIGNAGE INTERCONNECTED TO FIRE ALARM FEED FROM 103-10
- ✓ WIRELESS SMOKE RECEPTOR TO ACTIVATE 0/1H DOOR AND/OR GATEWAYS, WEATHER PROOF
- ✓ FOR CEILING LIGHTING LIGHT/FIRE ALARM REFLECTOR TO 2ND FLOOR
- ✓ 200 W NON FREEZE HOSE BOP PIPING FROM BELOW COMPLETE WITH ELECTRICAL TRACING, TRIP AND INSULATION
- ✓ RED PIPING PANEL, 10"
- ✓ 120W ELECTRIC 14-1"
- ✓ TRIPLE FLOW HOT HEATER
- ✓ CIGARET AS SHOWN
- ✓ NOT USED
- ✓ BUILDING STATUS ANNUNCIATOR
- ✓ FIRE DET APPROVED FIRE SMOKE LIGHTS TO BE INTERCONNECTED TO FIRE ALARM SYSTEM TO IDENT ACTIVATED BUILDING
- ✓ START BOPBS FOR SPECIAL MEASURES
- ✓ CIGARETS: 01-34/ 02-34/ 03-30/ 04-30
- ✓ SMOKE DETECTOR C/W RELAY FOR ELEVATOR RELAY



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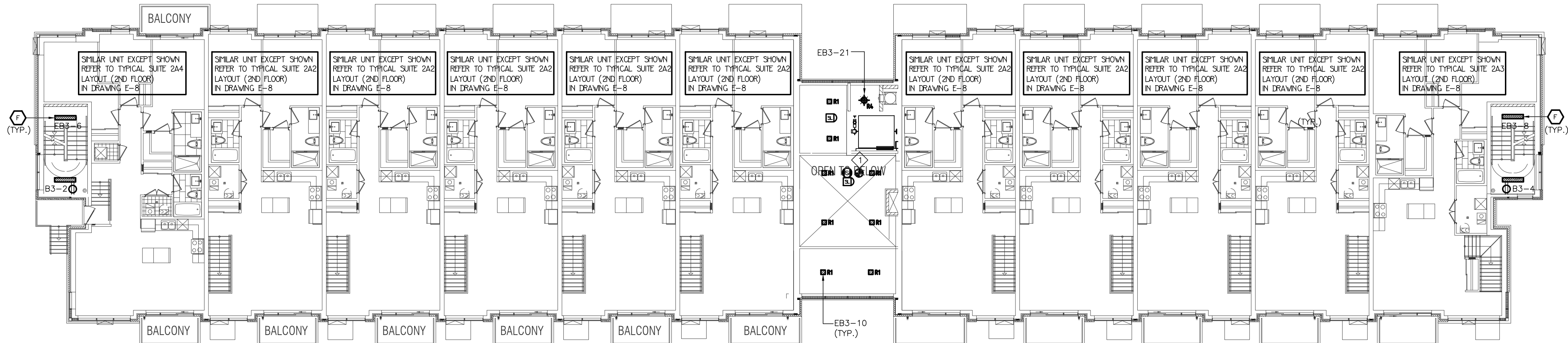
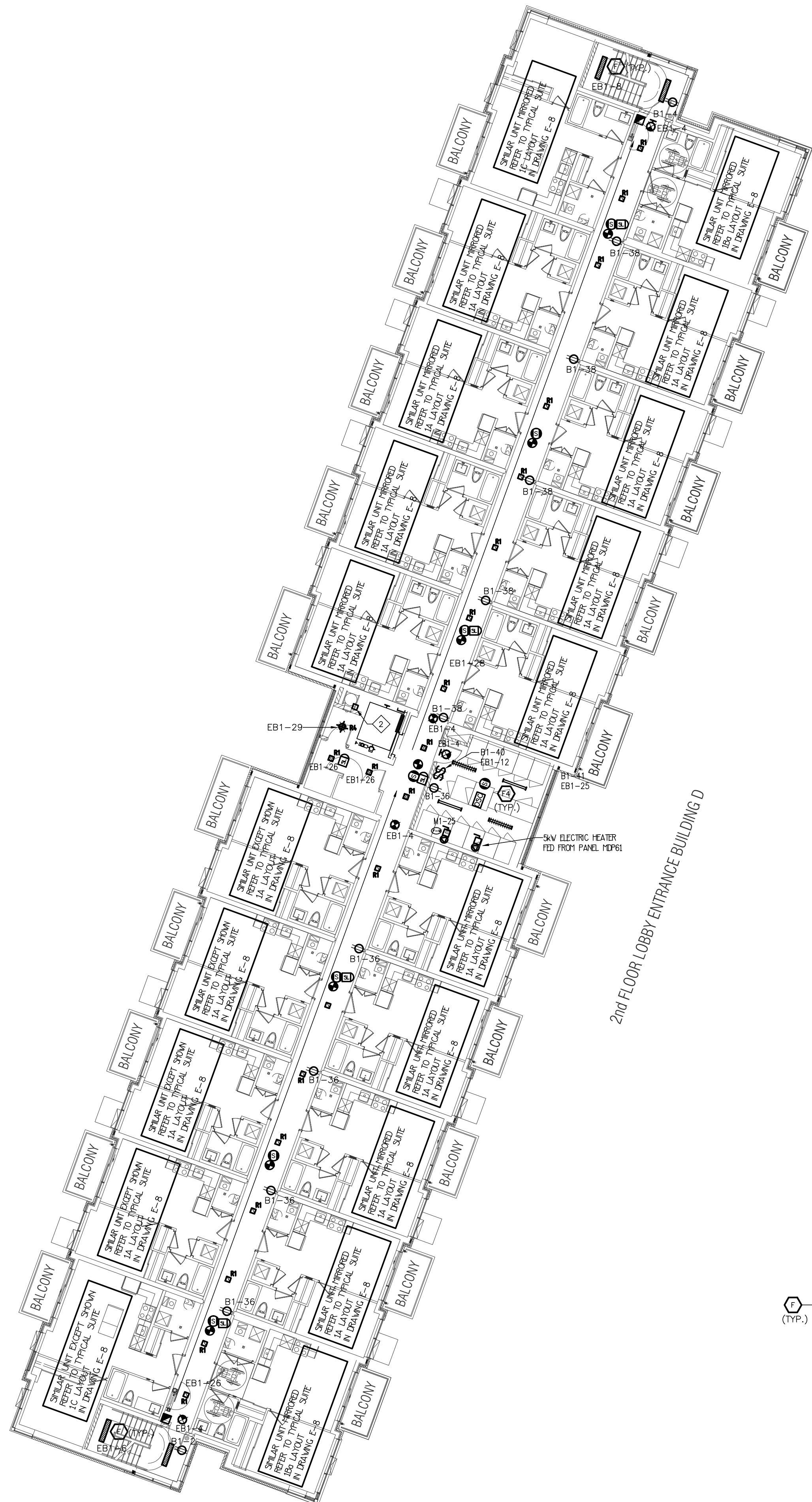
**BRAMPTON STACKED
FORESTSIDE ESTATES**

**ATTMAR + PALLESCHI DRIVE
BRAMPTON, ONTARIO**

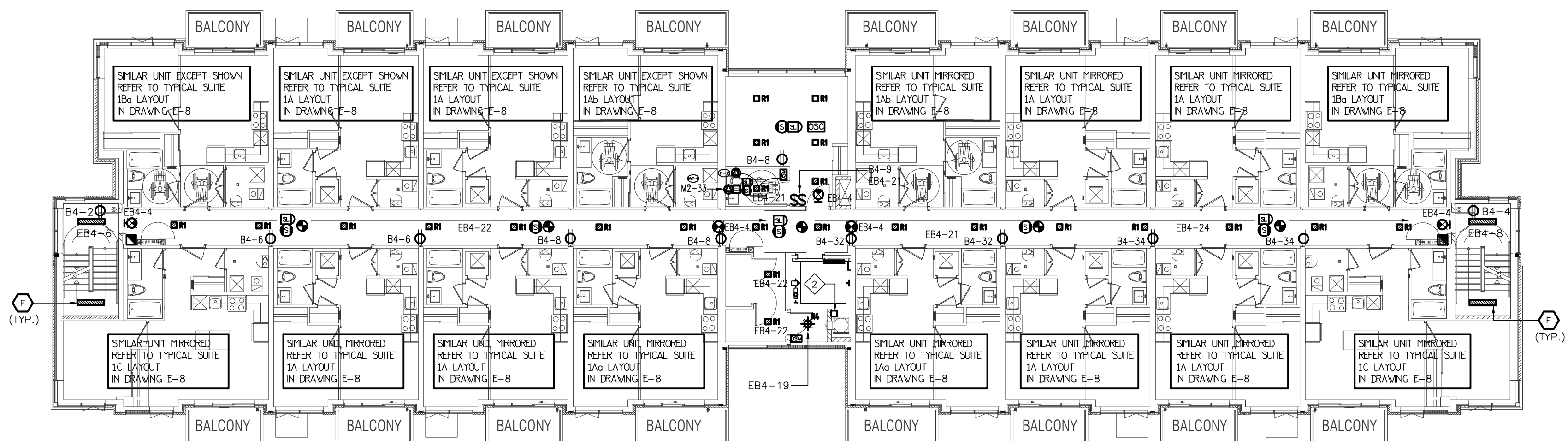
DRAWN SP	CHECKED MG	SCALE 1:150
DATE MAY, 2019	PROJECT 18-017	DRAWING E-3
		OF 16

KEY NOTES

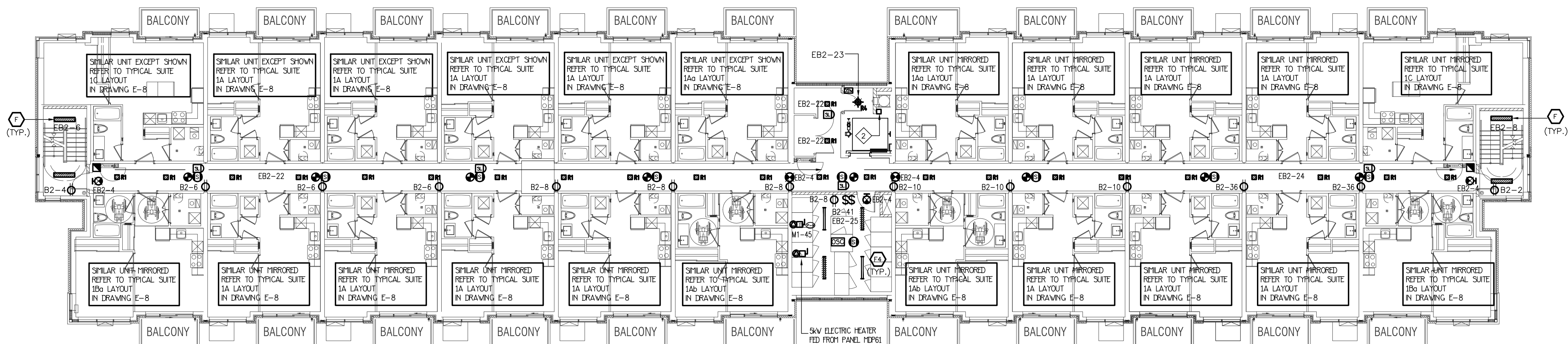
- ◇ SMOKE DETECTOR C/W RELAY FOR ELEVATOR RECALL
◇ JUNCTION BOX FOR TRH-SORT GARBAGE SYSTEM



2nd FLOOR LOBBY ENTRANCE BUILDING C



2nd FLOOR LOBBY ENTRANCE BUILDING B

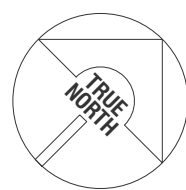


2ND FLOOR LOBBY ENTRANCE BUILDING A

NO.	BY	DESCRIPTION	DATE
07	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION #2	JUN. 15, 2021
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	JUNE 15, 2020
01	SP	ISSUED FOR TENDER	AUG. 02, 2019

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TITLE
**2ND FLOOR PLAN
ELECTRICAL**

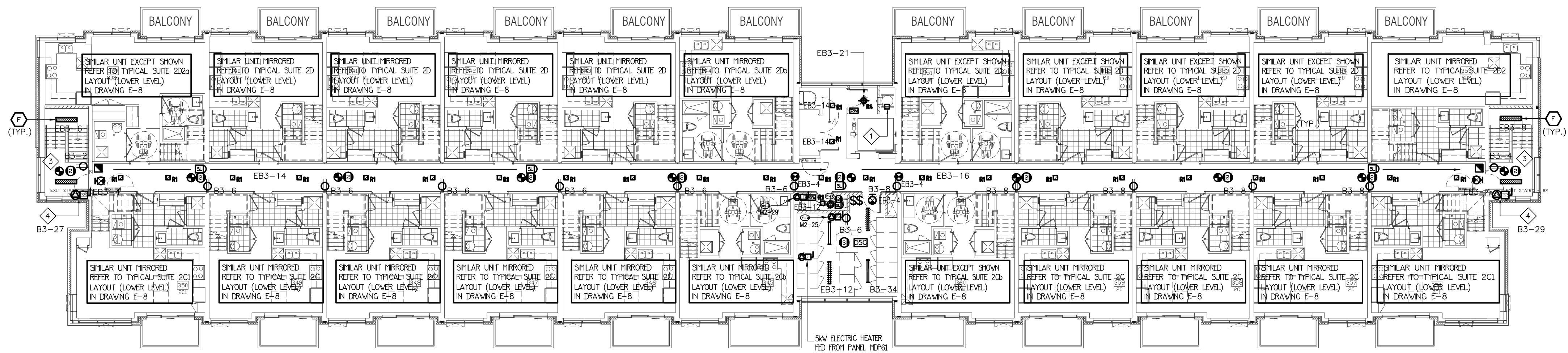
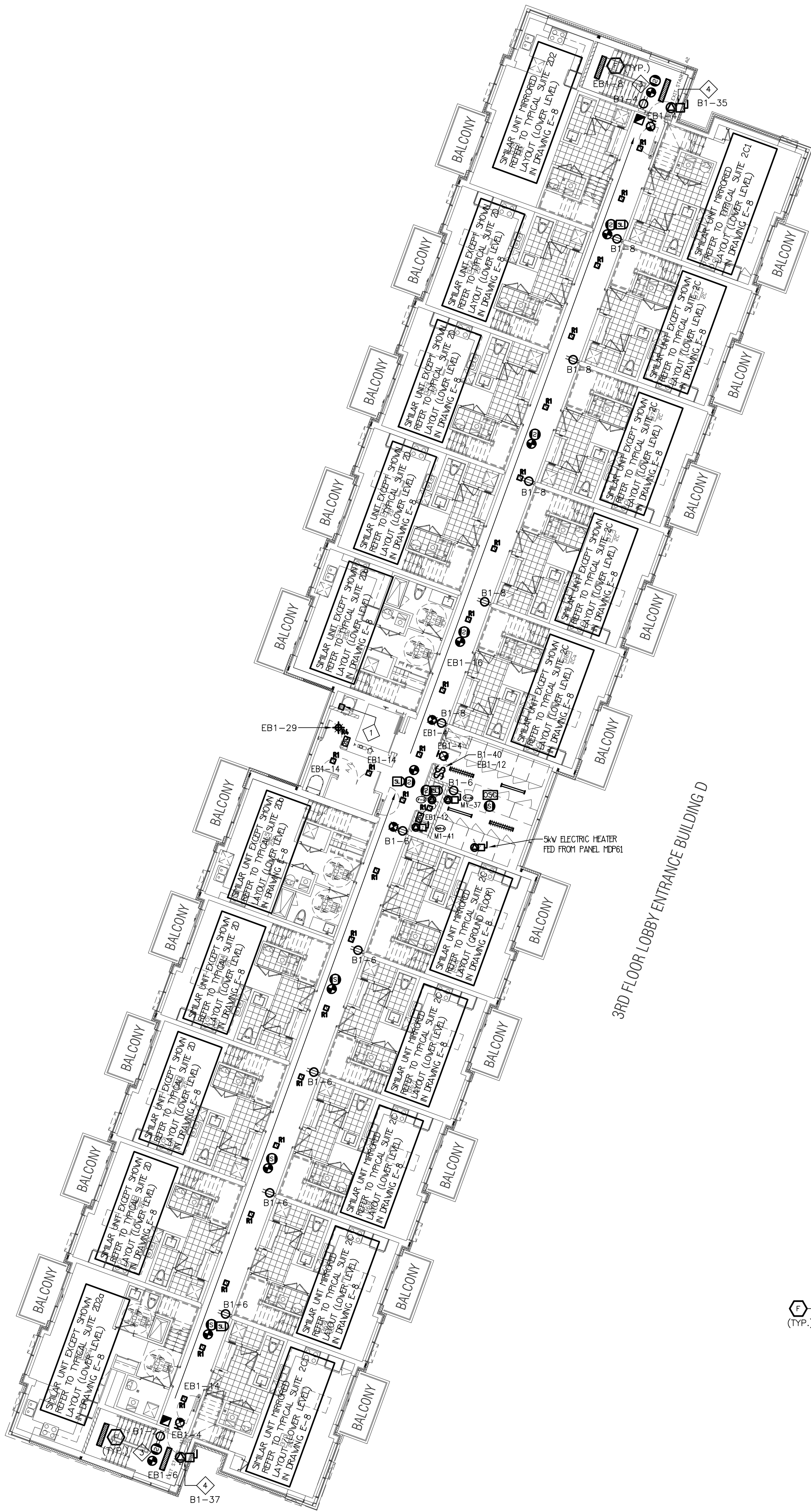
PROJECT
**BRAMPTON STACKED
FORESTSIDE ESTATES**

**ATTMAR + PALLESCHI DRIVE
BRAMPTON, ONTARIO**

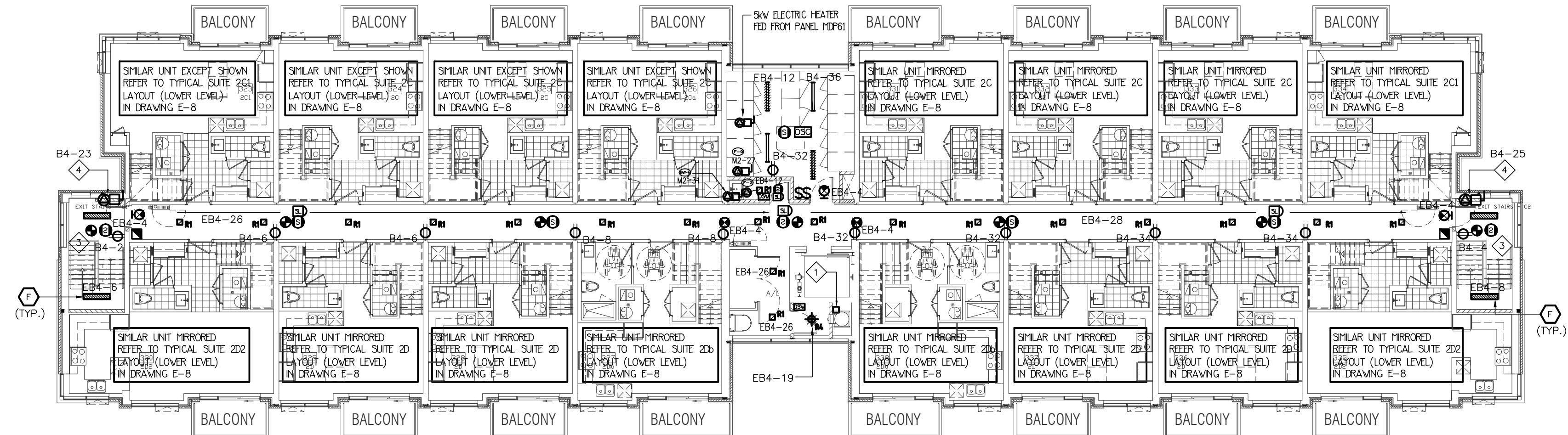
DRAWN	CHECKED	SCALE
SP	MG	1:150
DATE	PROJECT	DRAWING
MAY, 2019	18-017	E-4
		OF 16

KEY NOTES

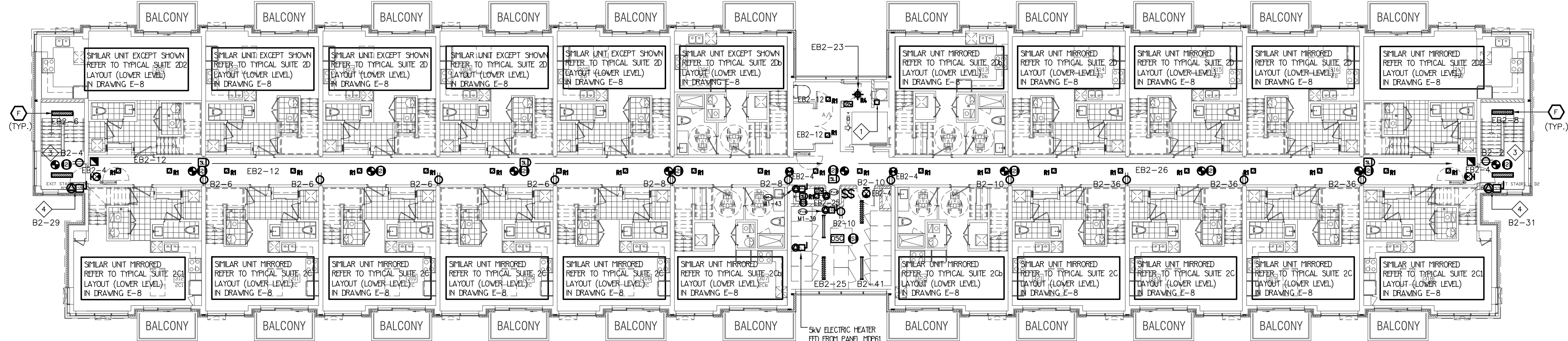
- JUNCTION BOX FOR TR-SORT CARGAGE SYSTEM
- NOT USED
- TOP OF STAIR SMOKE DETECTOR AND SPEAKER C/W FIRE ALARM ZONE
- 1.0KW ELECTRIC BASEBOARD HEATER



3RD FLOOR LOBBY ENTRANCE BUILDING C



3RD FLOOR LOBBY ENTRANCE BUILDING B



3RD FLOOR LOBBY ENTRANCE BUILDING A

NO.	BY	DESCRIPTION	DATE
09	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION #2	JUN. 15, 2021
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

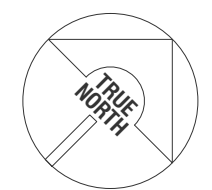
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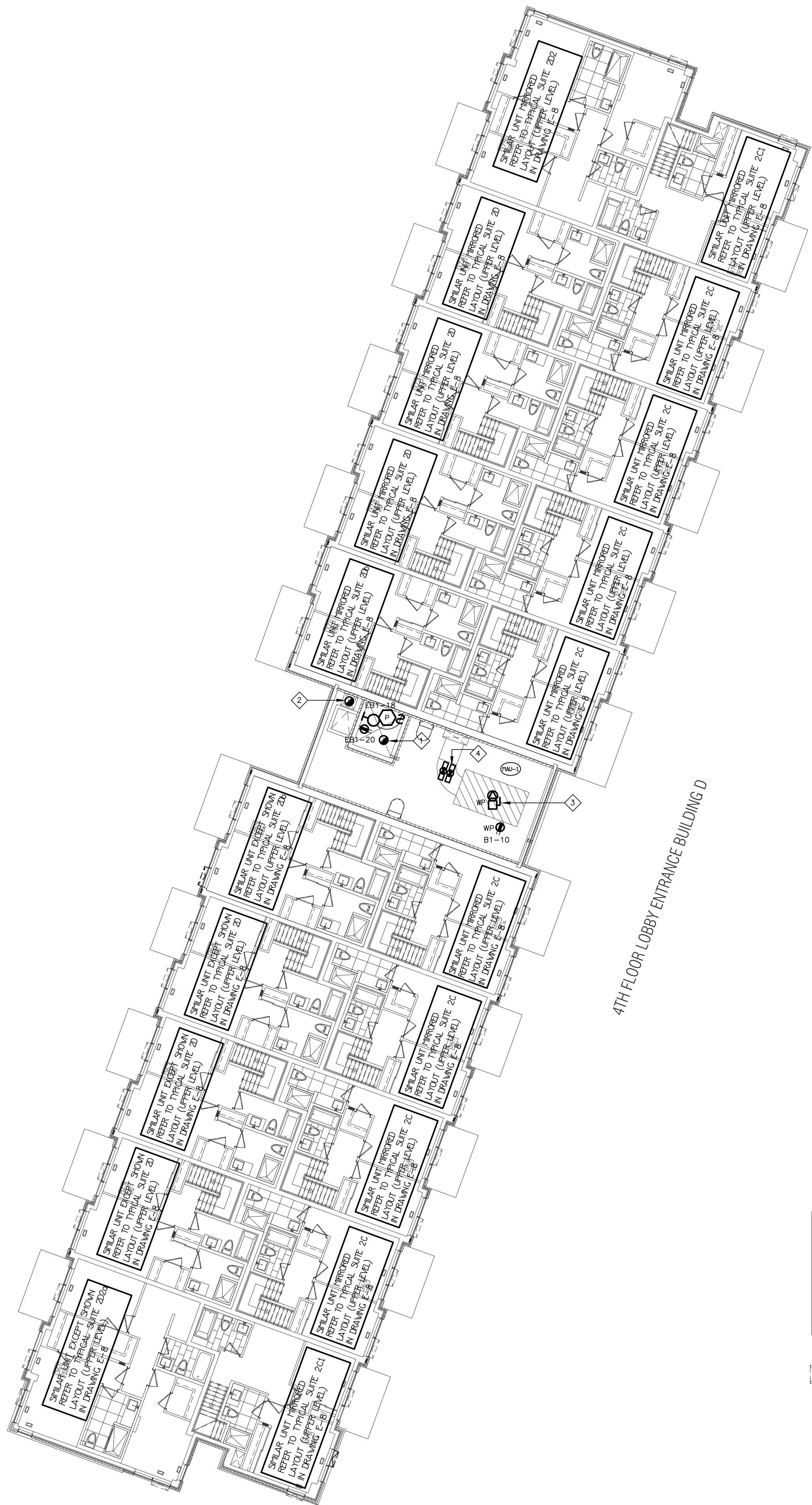


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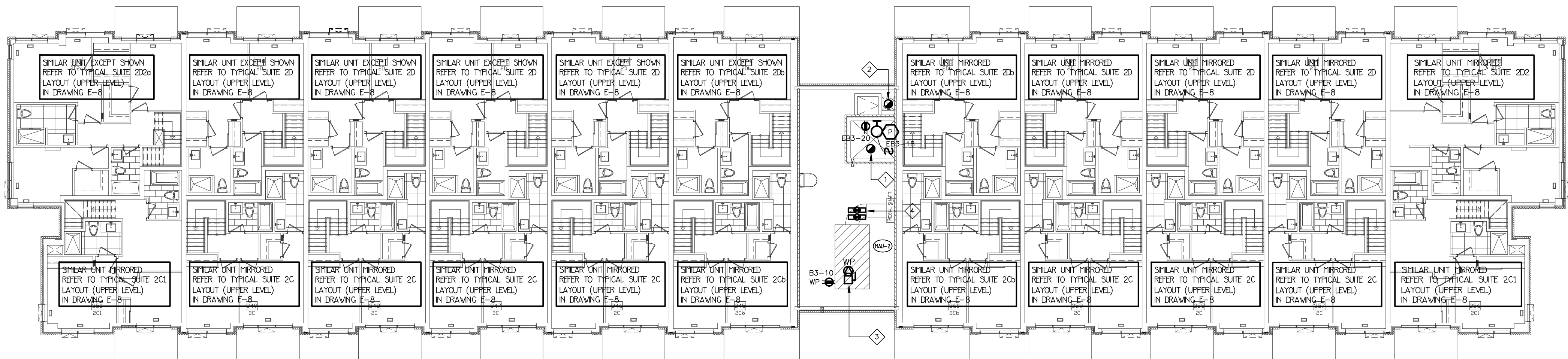
TITLE			3RD FLOOR PLAN ELECTRICAL		
PROJECT					
BRAMPTON STACKED FORESTSIDE ESTATES					
ATTMAR + PALLESCHI DRIVE BRAMPTON, ONTARIO					
DRAWN SP		CHECKED MG		SCALE 1:150	
DATE MAY, 2019		PROJECT 18-017		DRAWING E-5	
				OF 16	

KEY NOTES

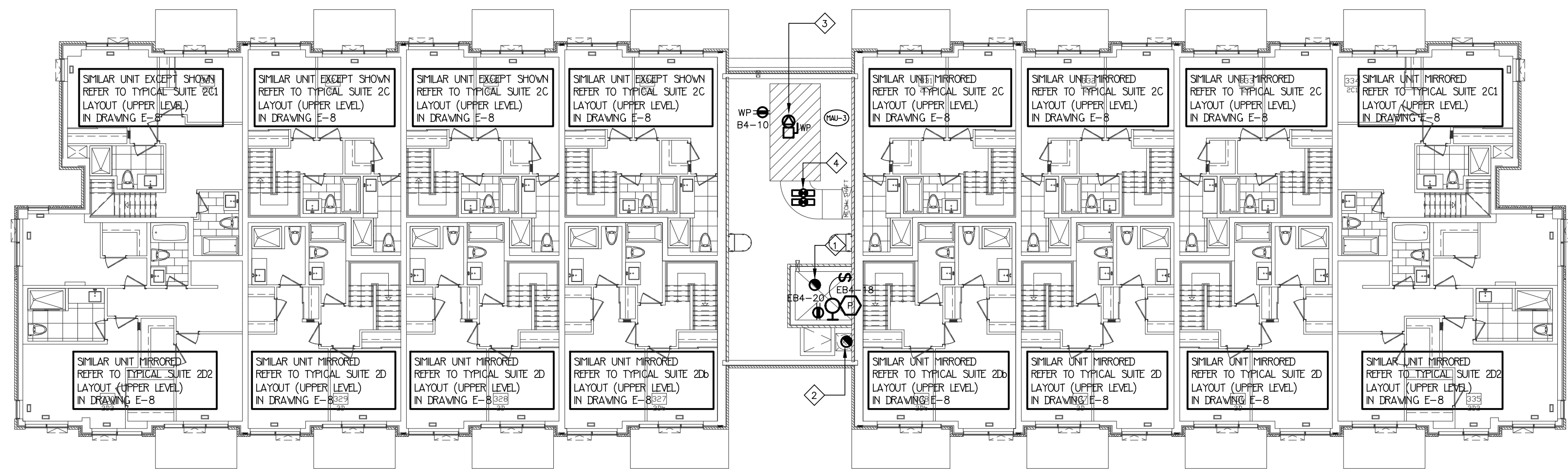
- ELEVATOR SHAFT HEAT DETECTOR AT TOP OF SHAFT
- HEAT DETECTOR AT THE TOP OF GARBAGE CHUTE C/W FIRE ALARM ZONE
- MAKE UP AIR UNIT (MOUNTED ON ROOF) FED FROM ROOF
- DUCT MOUNTED SMOKE DETECTOR C/W FIRE ALARM ZONE



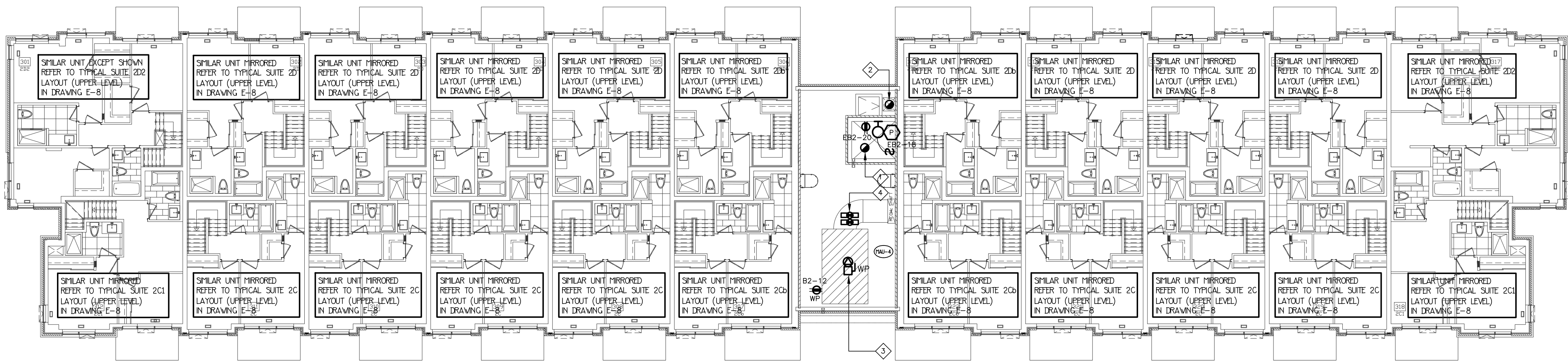
4TH FLOOR LOBBY ENTRANCE BUILDING D



4TH FLOOR LOBBY ENTRANCE BUILDING C



4TH FLOOR LOBBY ENTRANCE BUILDING B



4TH FLOOR LOBBY ENTRANCE BUILDING A

NO.	BY	DESCRIPTION	DATE
09	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION #2	JUN. 15, 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

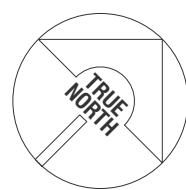
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Tel: (416) 398 1995, Fax: (416) 398 1933

TITLE
**4TH FLOOR PLAN
ELECTRICAL**

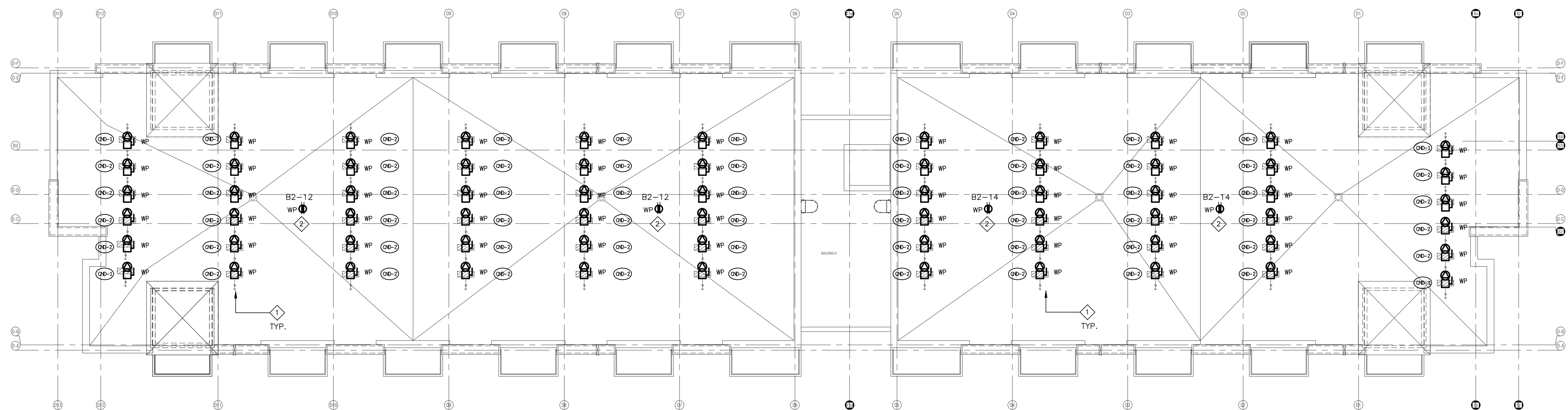
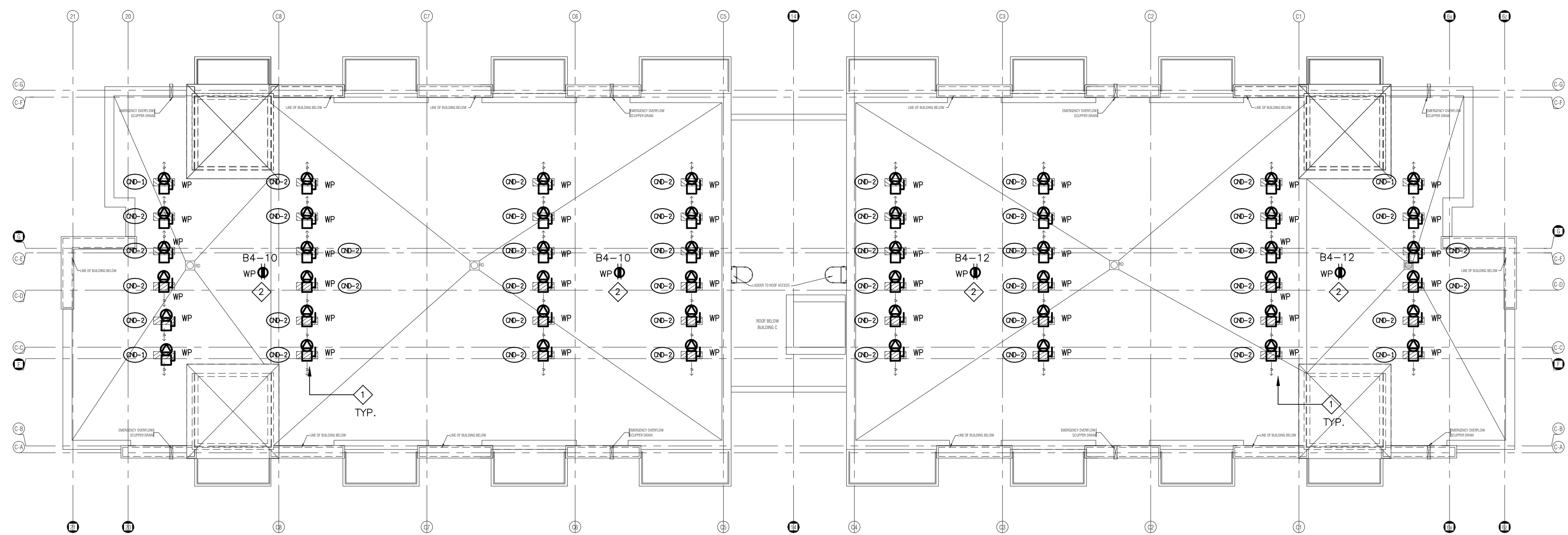
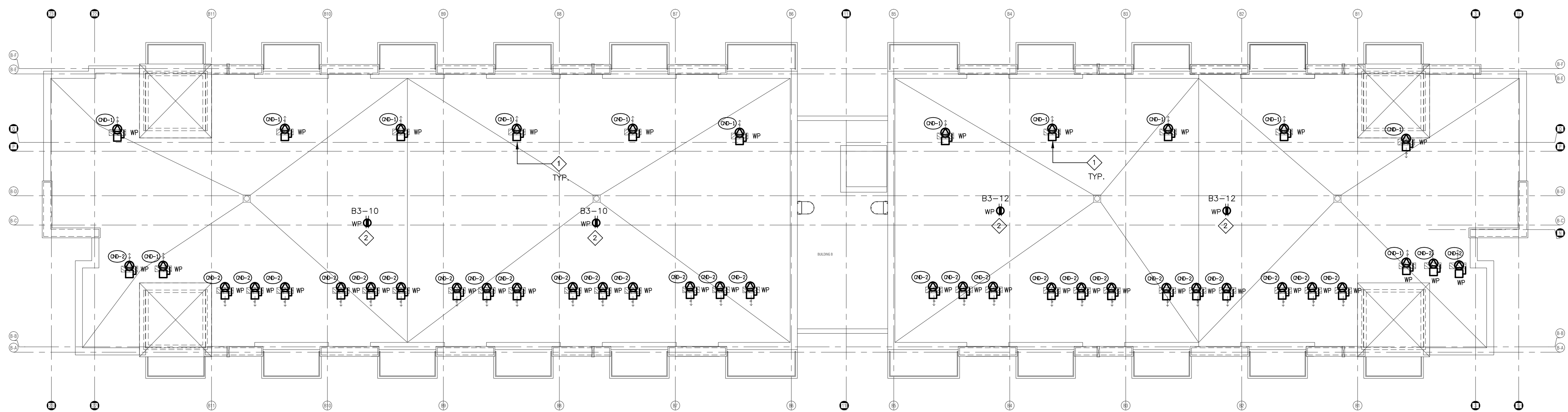
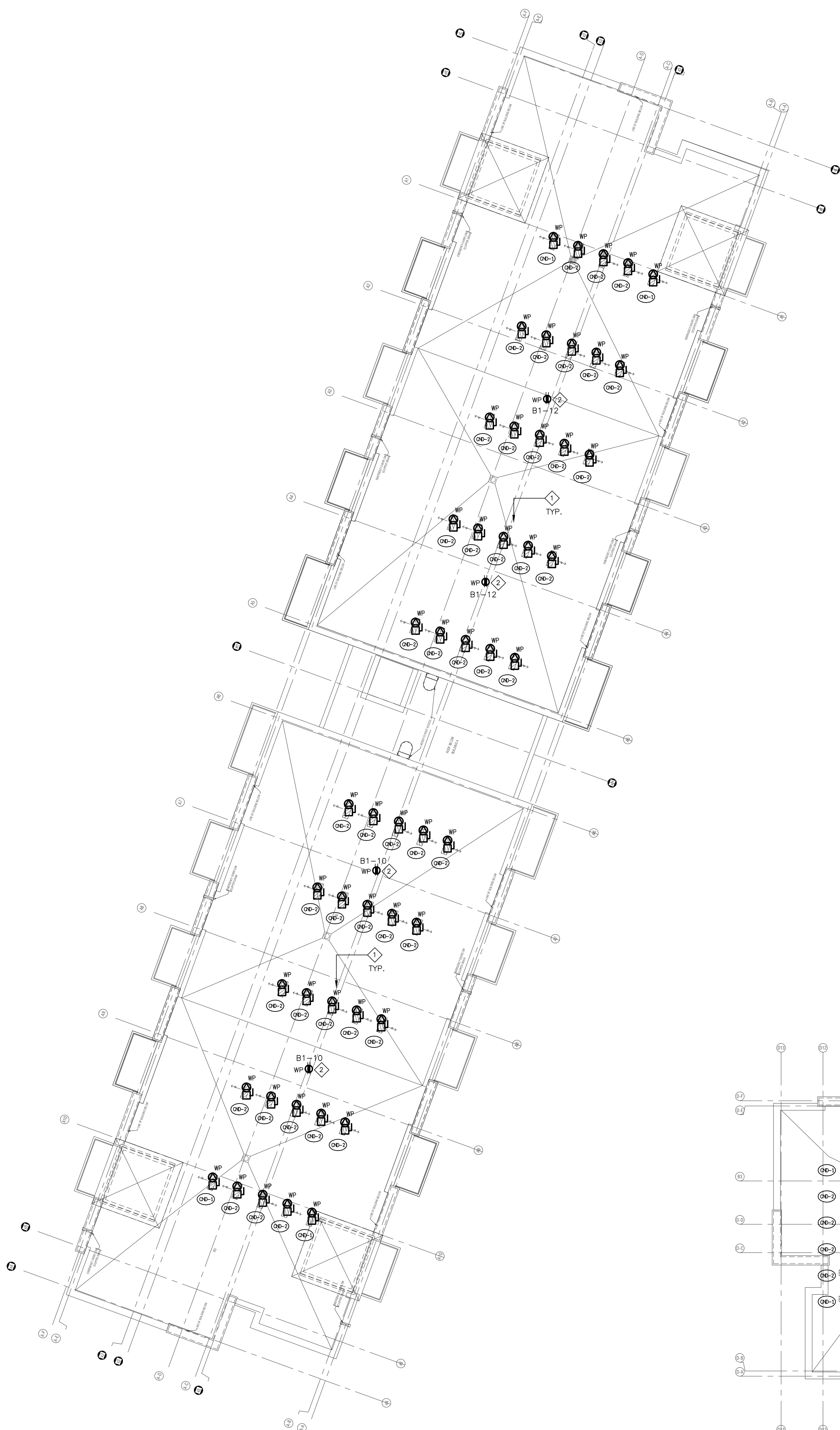
PROJECT
**BRAMPTON STACKED
FORESTSIDE ESTATES**

ATTMAR + PALLESCHI DRIVE
BRAMPTON, ONTARIO

DRAWN	CHECKED	SCALE
SP	MG	1:150
DATE	PROJECT	DRAWING
MAY, 2019	18-017	E-6
		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
09	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION #2	JUN. 15, 2021
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

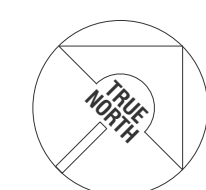
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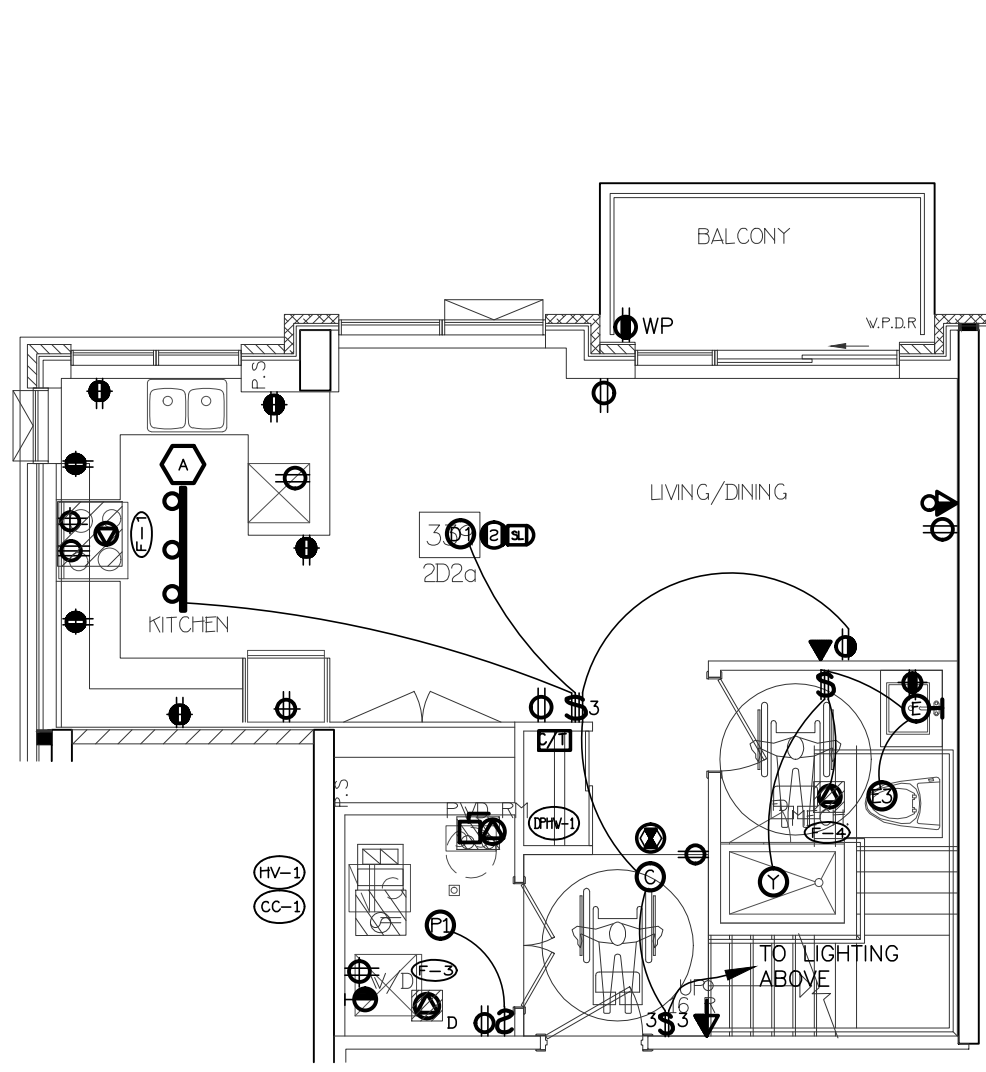


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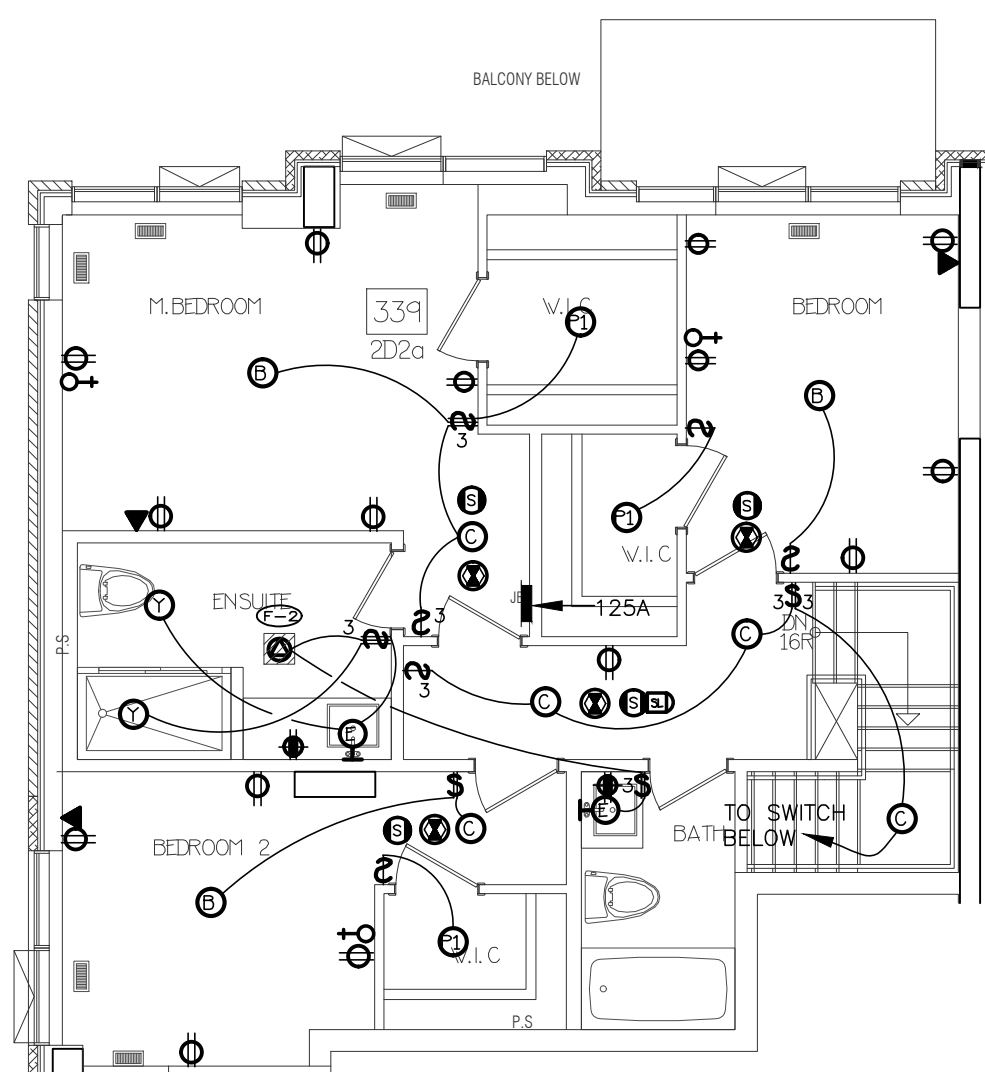
TITLE
**ROOF PLAN
ELECTRICAL**

PROJECT
**BRAMPTON STACKED
FORESTSIDE ESTATES**
**ATTMAR + PALLESCHI DRIVE
BRAMPTON, ONTARIO**

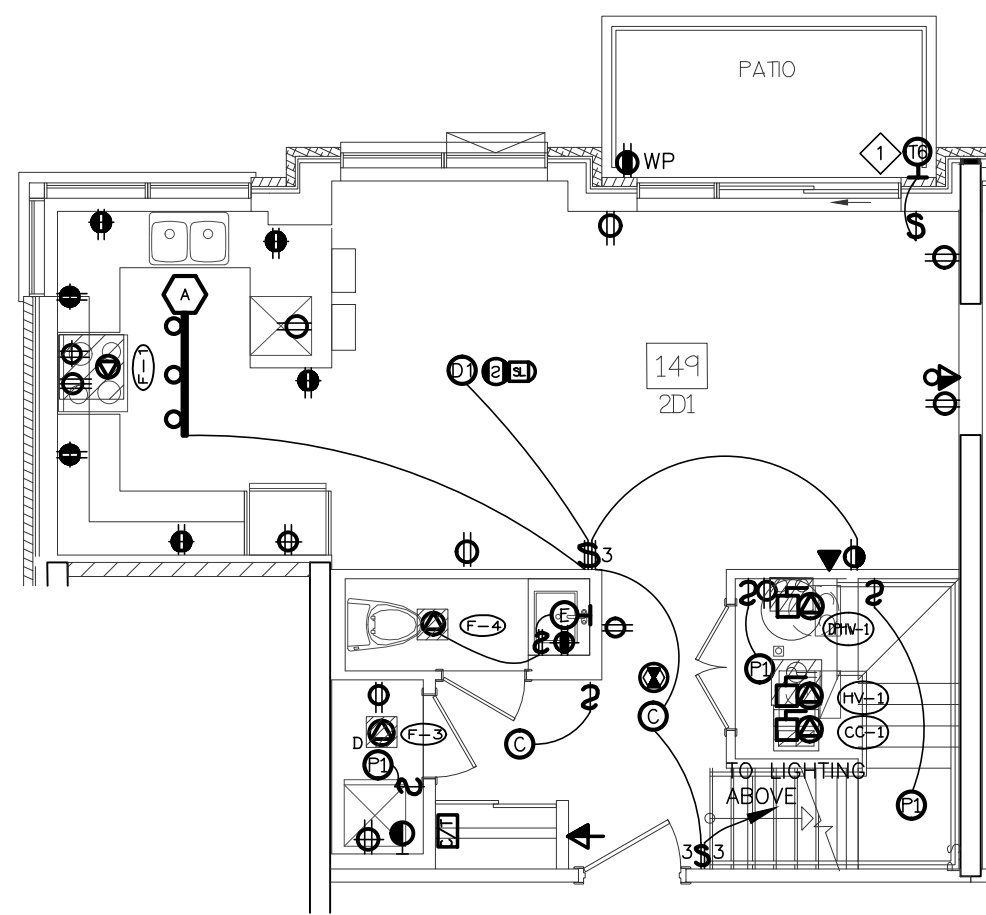
DRAWN SP	CHECKED MG	SCALE 1:150
DATE MAY, 2019	PROJECT 18-017	DRAWING E-7 OF 16



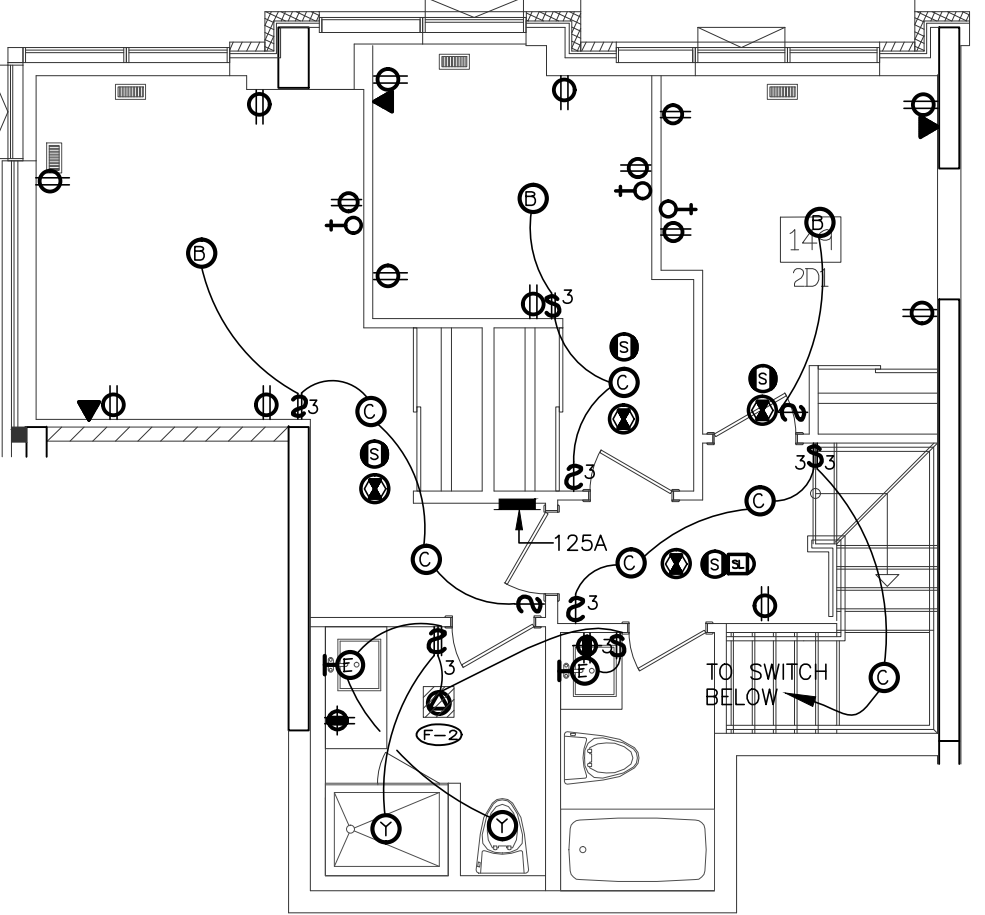
21 SUITE LAYOUT TYPE 2D2a
LOWER LEVEL



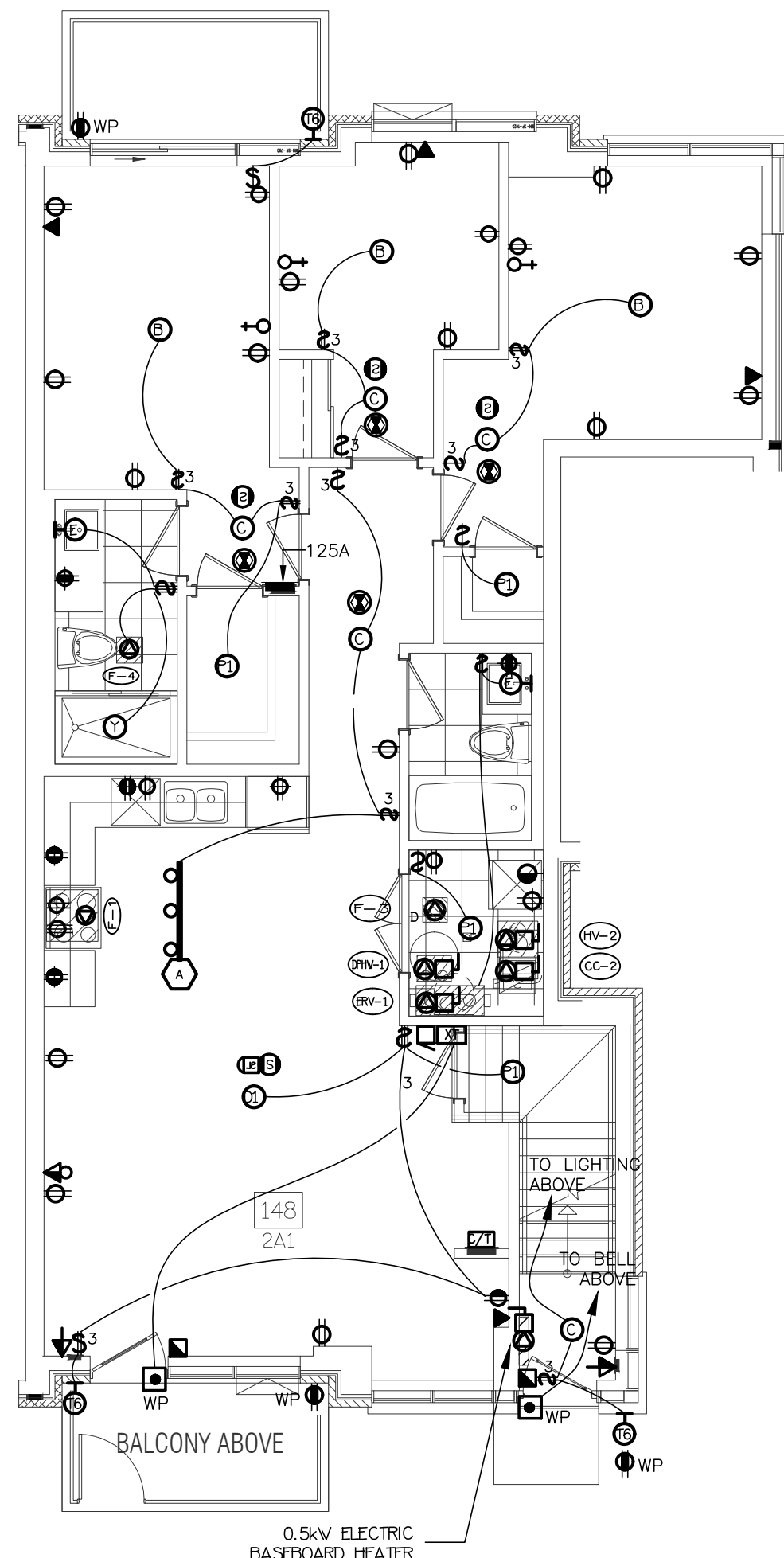
22 SUITE LAYOUT TYPE 2D2a
UPPER LEVEL



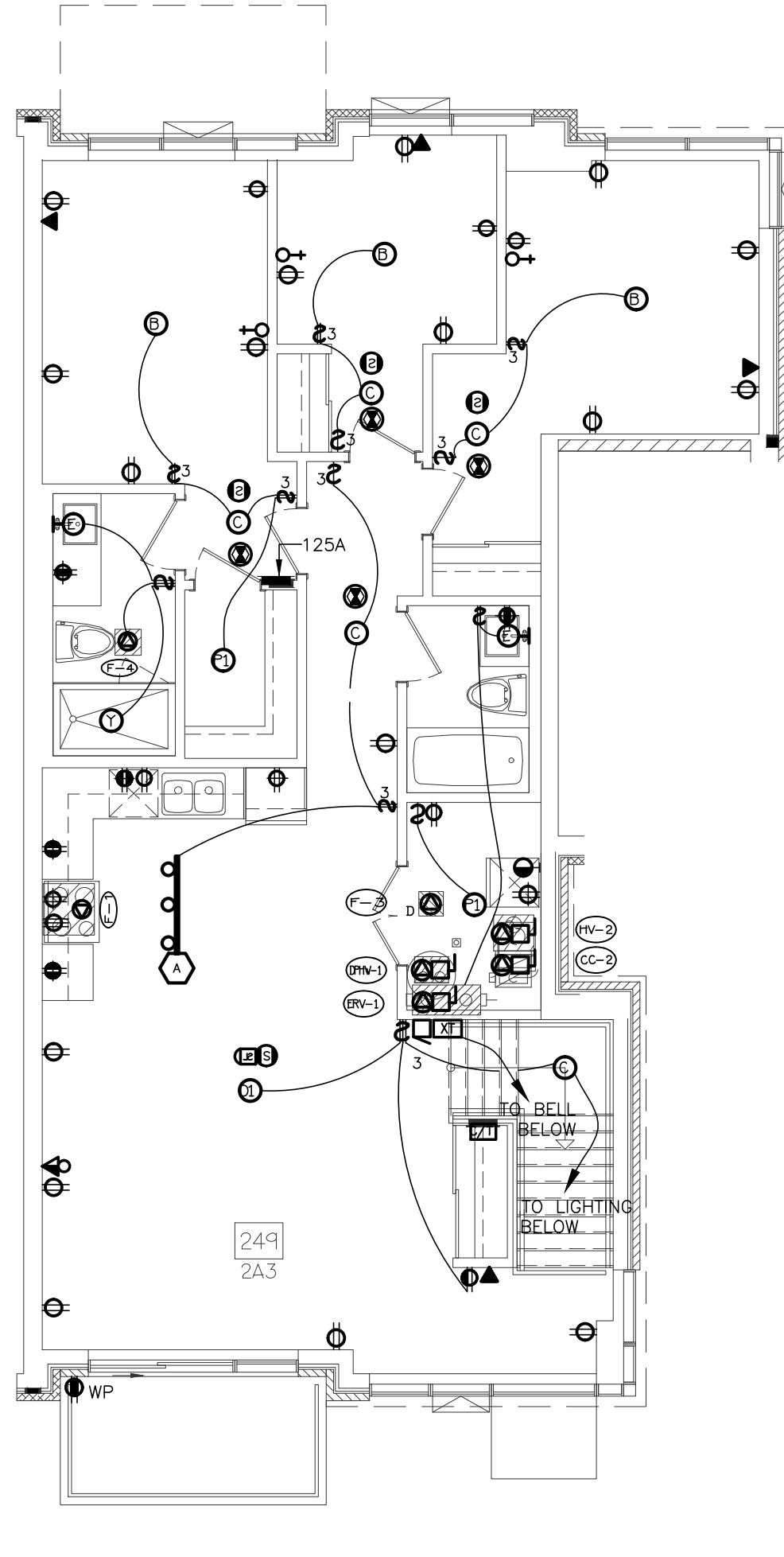
17 SUITE LAYOUT TYPE 2D1
LOWER LEVEL



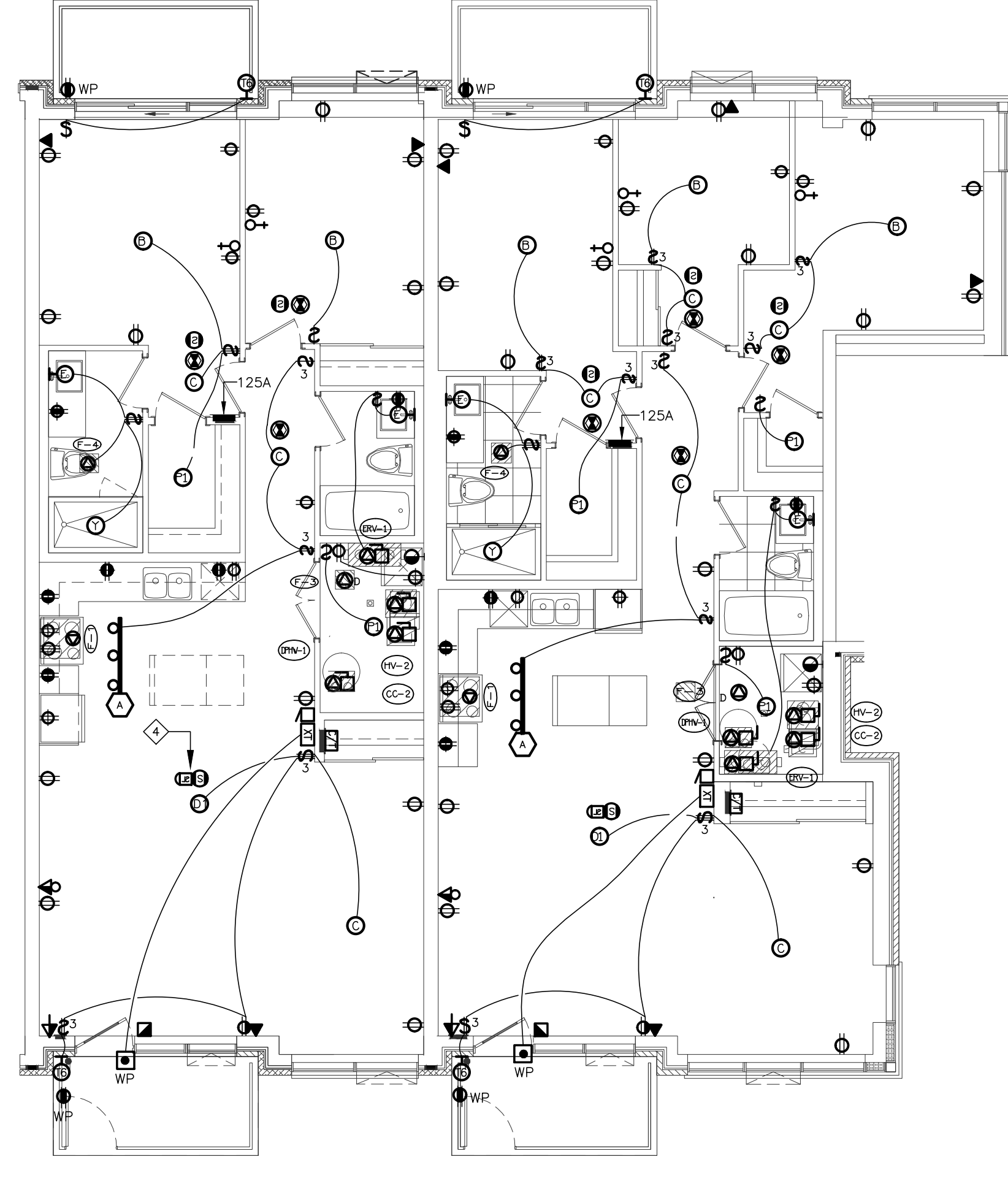
18 SUITE LAYOUT TYPE 2D1
UPPER LEVEL



19 SUITE LAYOUT TYPE 2A1 & 2A3
GROUND FLOOR



20 SUITE LAYOUT TYPE 2A3
SECOND FLOOR



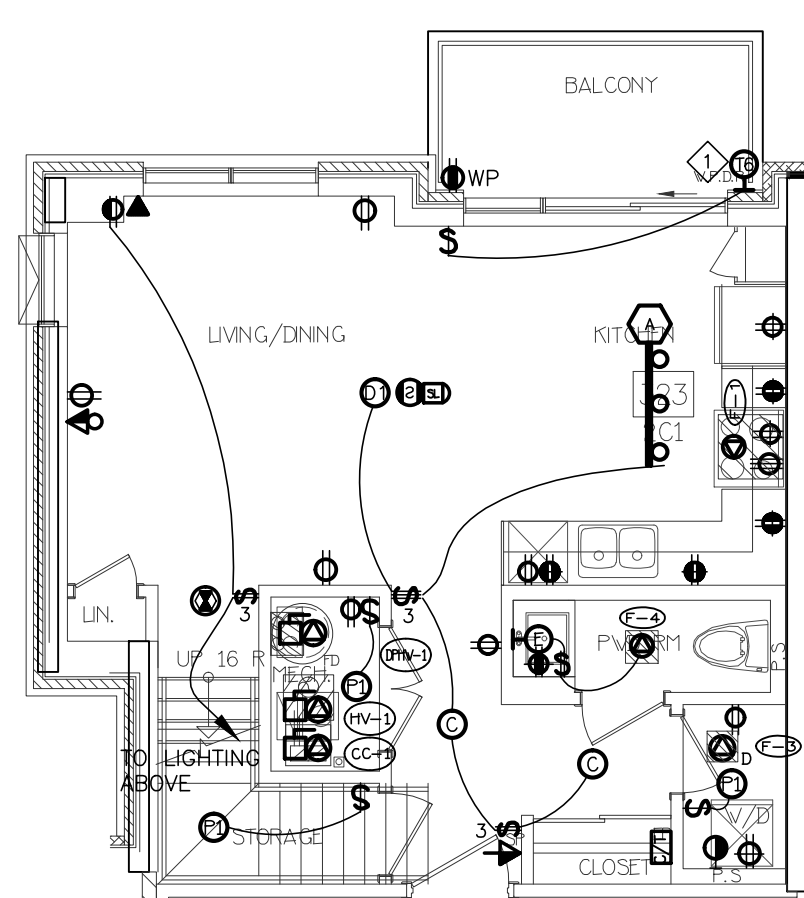
21 SUITE LAYOUT TYPE 2A1-R & 2A-R
GROUND FLOOR

KEY NOTES

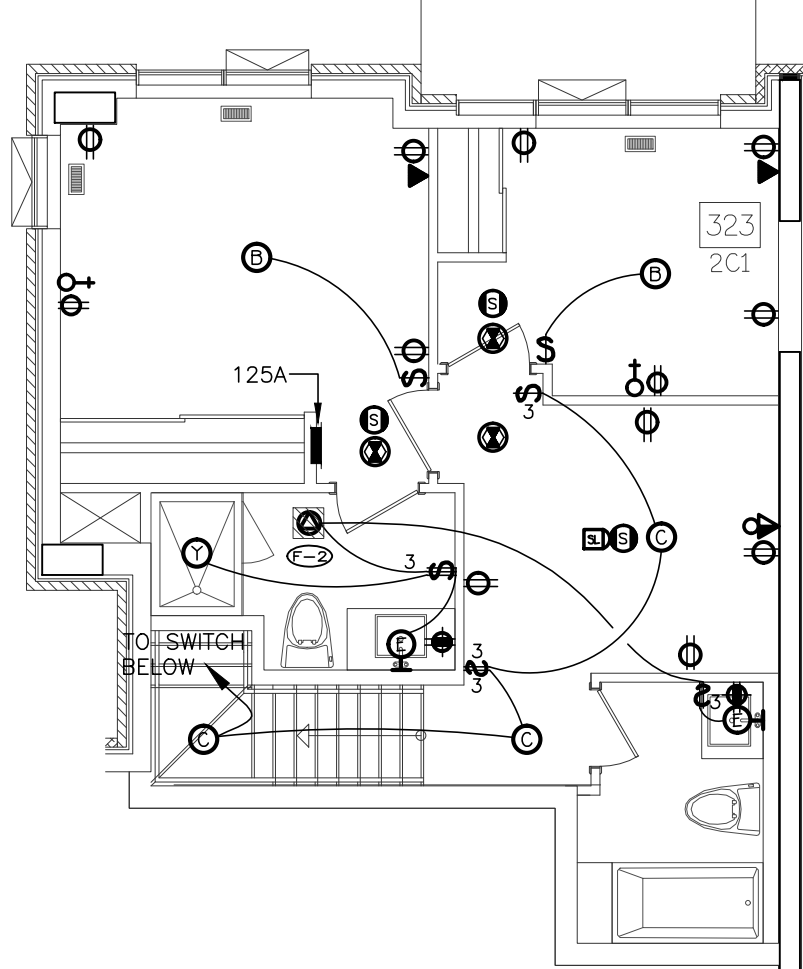
◇ PATIO EXTERIOR LIGHTING ONLY ON GROUND FLOOR

SUITES' KEY NOTES (TYPICAL)

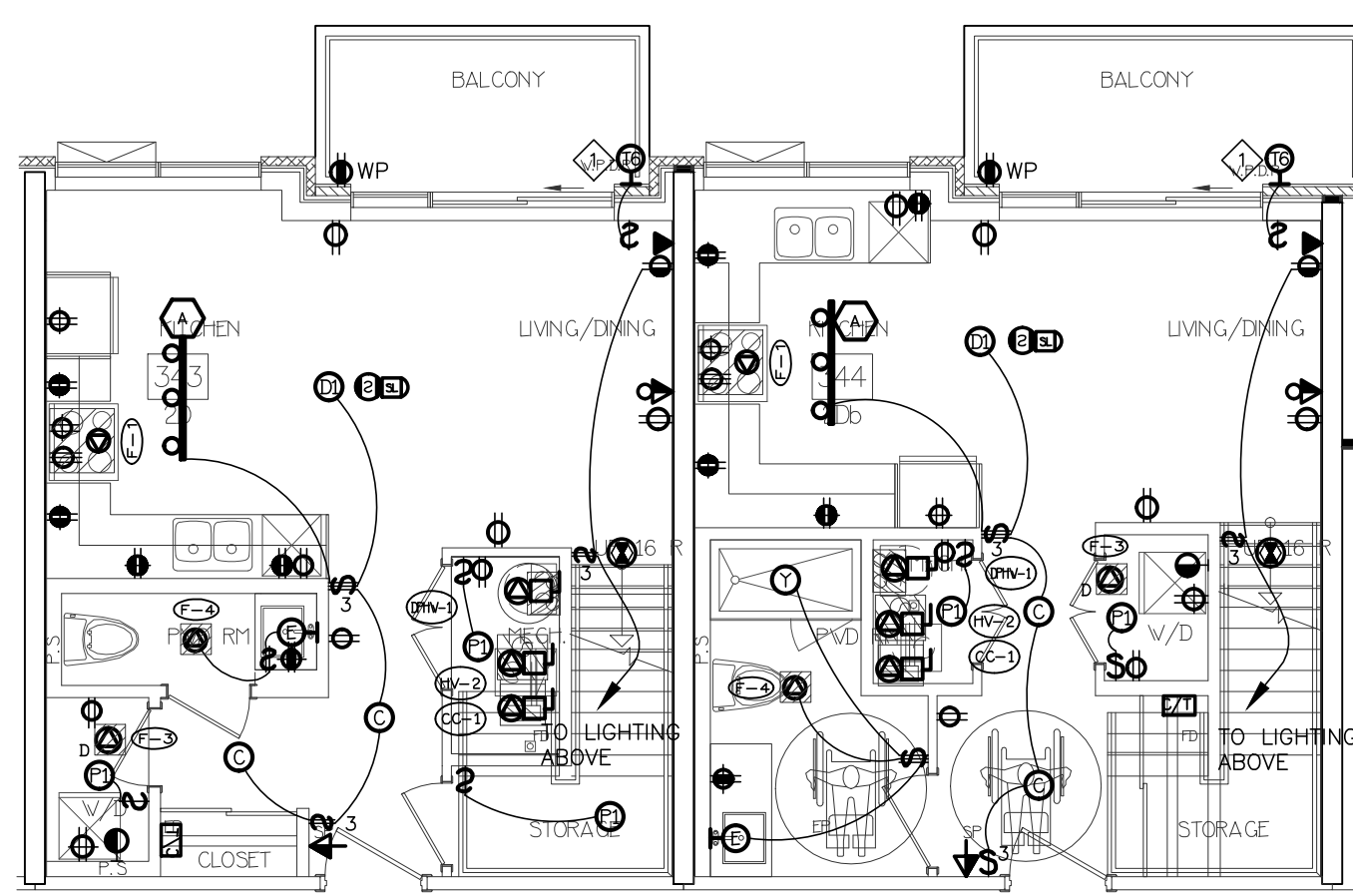
- NOT USED
 - SUITE INTRUSION/ALARM AND KEYPAD WITH DIGITAL DISPLAY
 - IN SUITE TELEPHONE/TV COMBO DISTRIBUTION PANEL
 - CEILING MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE LIGHT
 - 120V U-GROUND DUPLEX RECEPTACLE FOR GENERAL PURPOSES
 - 120V U-GROUND DUPLEX RECEPTACLE WITH ONE HALF SWITCH CONTROLLED
 - WALL MOUNTED TELEPHONE OUTLET
 - 120V, 15A, RECEPTACLE FOR FRIDGE
 - 120V, 20A, T-SLOT RECEPTACLE MOUNTED ABOVE COUNTER TOP (ALL RECEPTACLES LOCATED WITHIN 1.5M OF KITCHEN SINKS ALONG THE WALL BEHIND THE COUNTERS SHALL BE PROTECTED BY GFI BREAKERS OF THE CLASS A TYPE)
 - TOWNHOUSE EXTERIOR LIGHTING, TYPE TO BE CONFIRMED (TYPICAL), REFER TO ARCHITECTURE ELEVATION DRAWING FOR EXACT LOCATION AND QUANTITY
 - 250V, 1P, 4W, 50A, RECEPTACLE FOR RANGE, CONNECT WITH 3/4" BX OR 3/4" THW-19MM CONDUIT
 - RECEPTACLE FOR KITCHEN MICROWAVE AND EXHAUST FAN
 - 120V U-GROUND DUPLEX RECEPTACLE FOR DISHWASHER
 - WALL MOUNTED COMBINATION TV/TELEPHONE OUTLET
 - CEILING MOUNTED FIRE ALARM SPEAKER
 - CEILING MOUNTED 120V SMOKE ALARM/CARBON MONOXIDE COMBO DETECTOR
- ALL DETECTORS WITHIN SAME SUITE TO BE INTERCONNECTED AND HAVE A VISUAL SIGNALING COMPONENT IN ACCORDANCE WITH OBC
- DIRECT CONNECTION FOR ERV UNIT AT HIGH LEVEL, PROVIDE RECEPTACLES IF REQUIRED, REFER TO MECHANICAL DRAWING FOR MORE DETAILS
 - DIRECT CONNECTION FOR AIR HANDLE UNIT, REFER TO MECHANICAL DRAWING FOR MORE DETAILS
 - 120V U-GROUND DUPLEX GFI RECEPTACLE FOR WASHROOM
 - 120V, 15A, RECEPTACLE FOR WASHER
 - 250V, 1P, 4W, 30A, RECEPTACLE FOR DRYER, CONNECT WITH 3/4" BX OR 3/4" THW-19MM CONDUIT
 - WALL MOUNTED TV OUTLET
 - DIRECT CONNECTION FOR DRYER EXHAUST FAN
 - DIRECT CONNECTION FOR WASHROOM EXHAUST FAN
 - RECESSED TYPE 0.5KW HEATER
 - PUSH BUTTON (DOOR RINGER)
 - SIGNAL TRANSFER
 - SIGNAL BUZZER
 - FLUSH MOUNTED SUITE SERVICE PANEL, SEE DRAWING E-13 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 4TH FLOOR)
 - DIRECT CONNECTION FOR CONDENSING UNIT/COOLING COIL, LOCATION OF CONDENSING UNIT SHOWN IN DRAWING E-24/25 & E-26/27, REFER TO MECHANICAL DRAWING FOR MORE DETAILS, CONFIRM EXACT FEEDER REQUIREMENT WITH UNIT SHOP DRAWING
 - DIRECT CONNECTION FOR CONDENSING COMB. 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-FULT INTERRUPTERS)



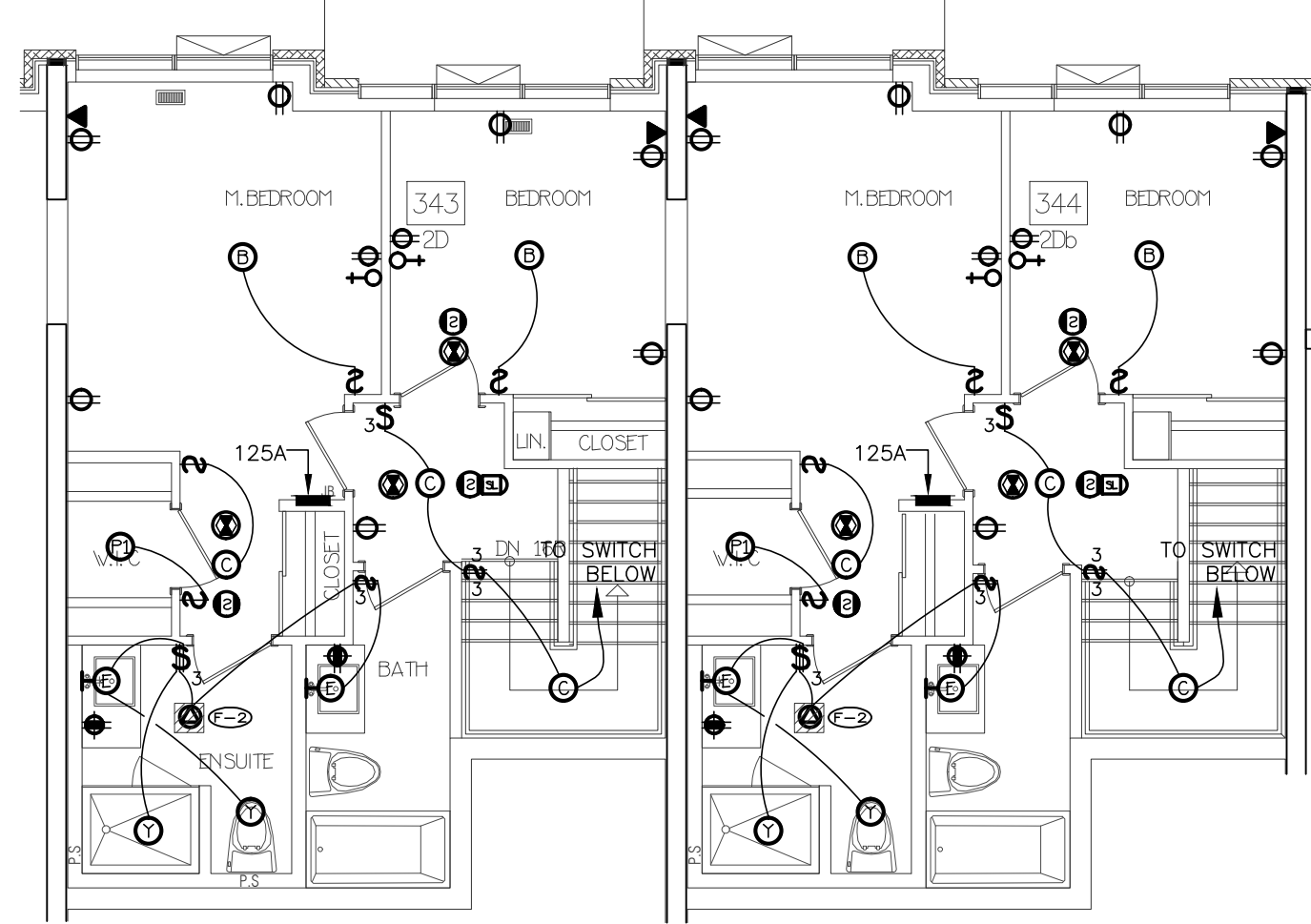
11 SUITE LAYOUT TYPE 2C1
LOWER LEVEL



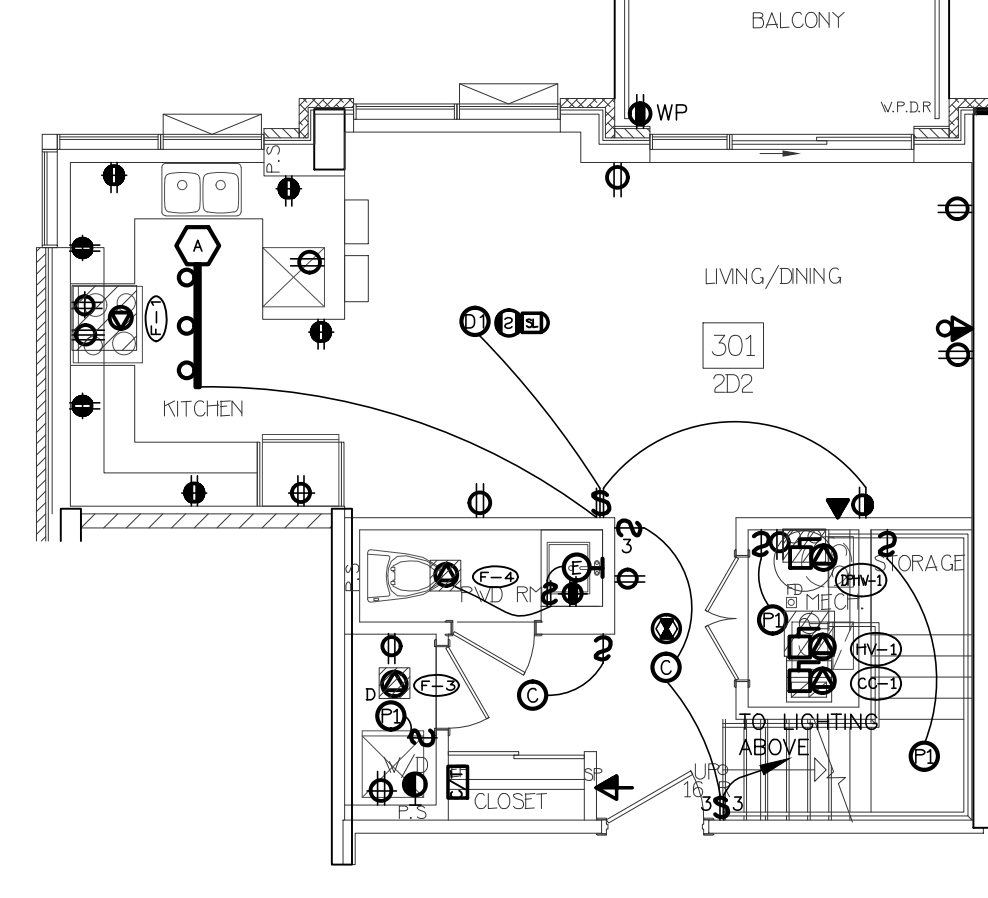
12 SUITE LAYOUT TYPE 2C1
UPPER LEVEL



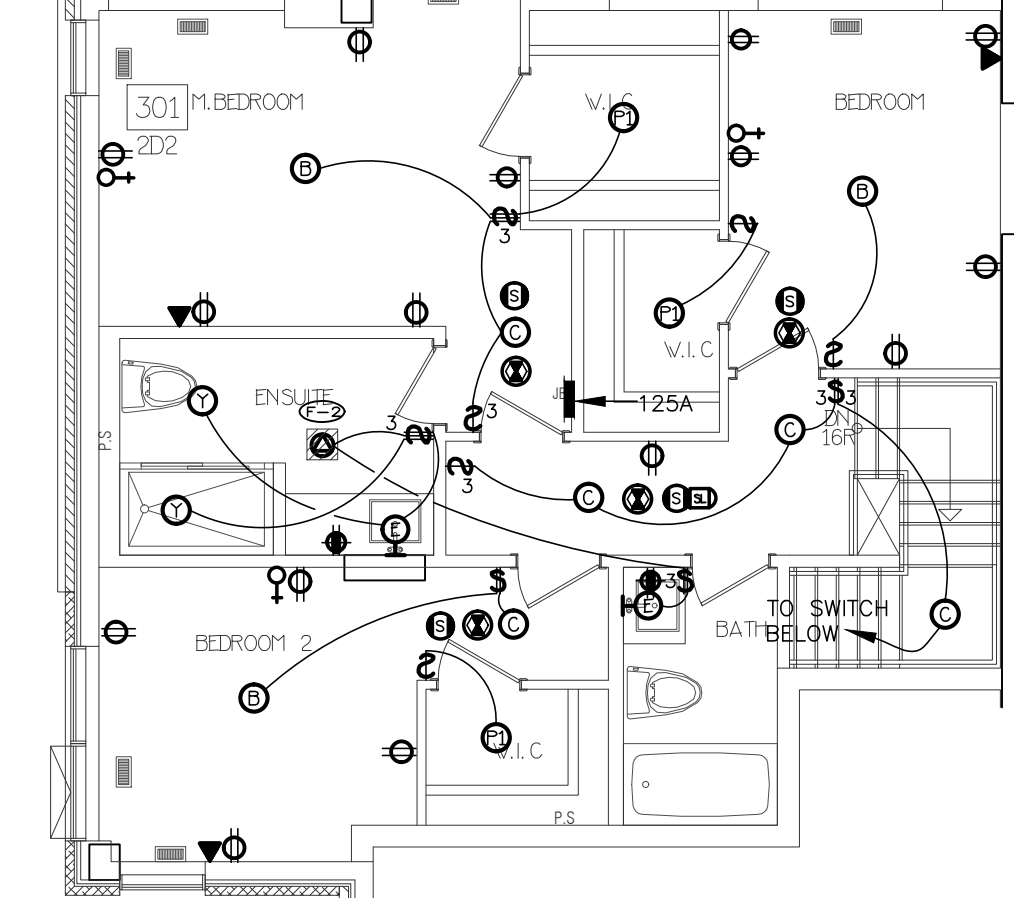
13 SUITE LAYOUT TYPE 2D & 2Db
LOWER LEVEL



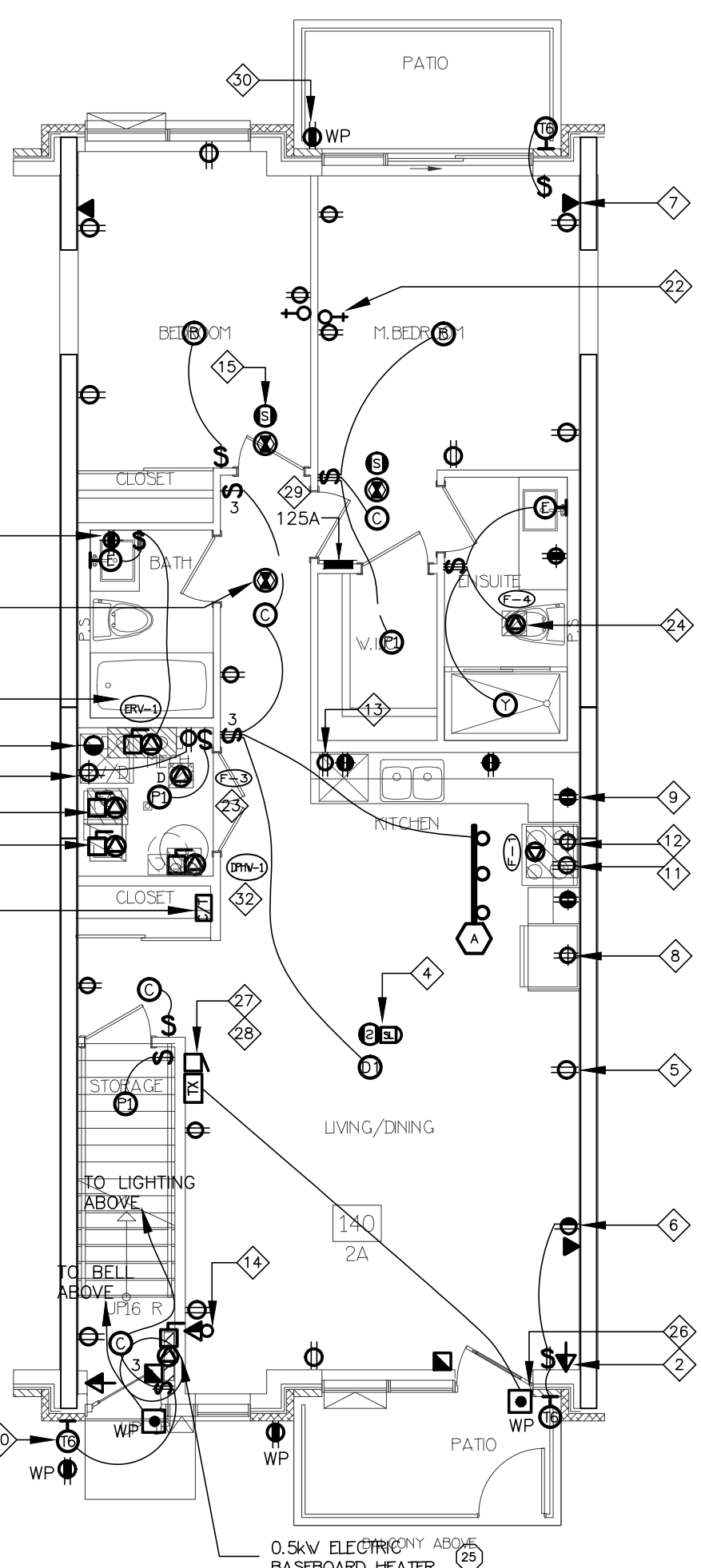
14 SUITE LAYOUT TYPE 2D & 2Db
UPPER LEVEL



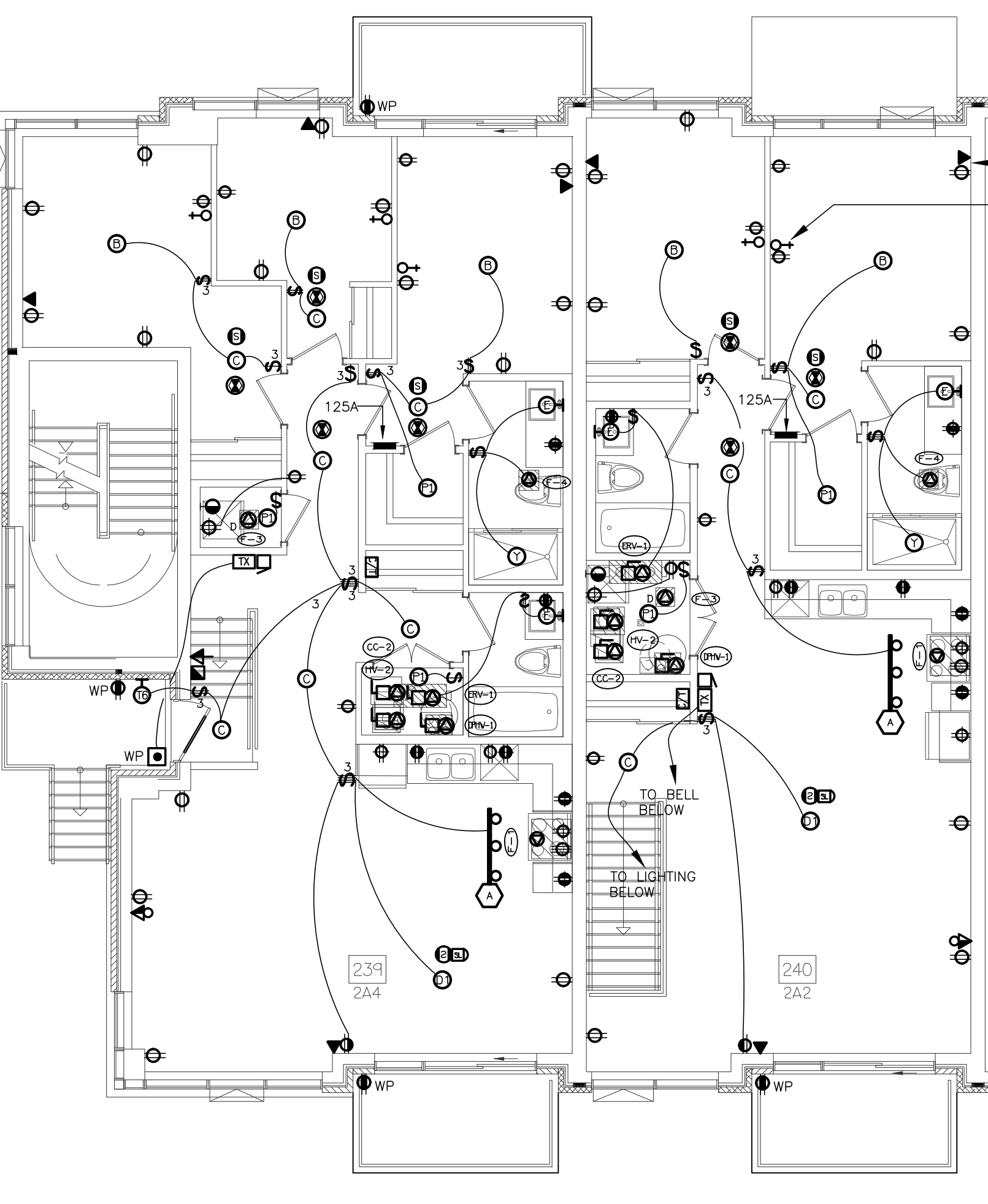
15 SUITE LAYOUT TYPE 2D2
LOWER LEVEL



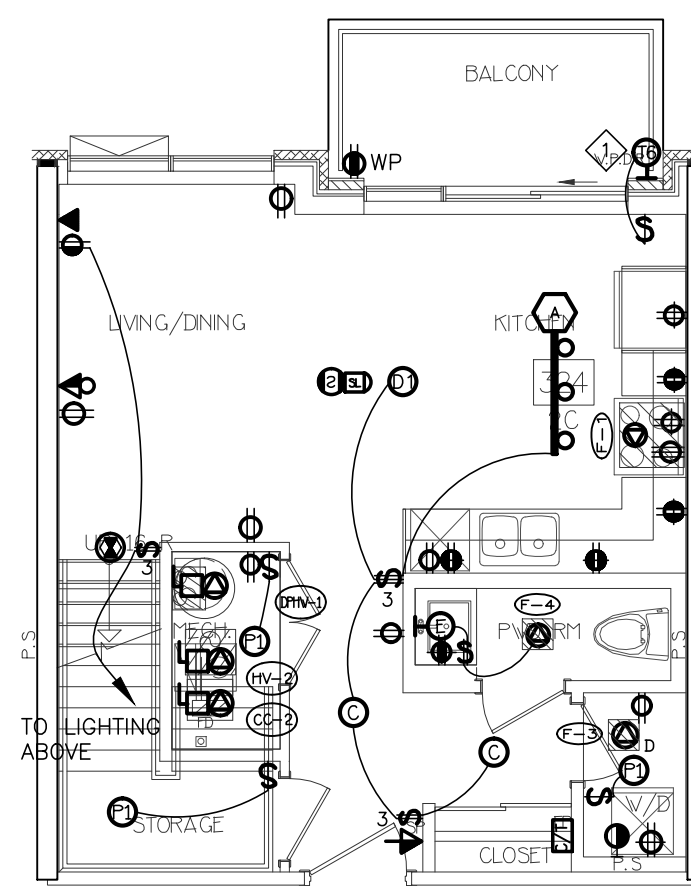
16 SUITE LAYOUT TYPE 2D2
UPPER LEVEL



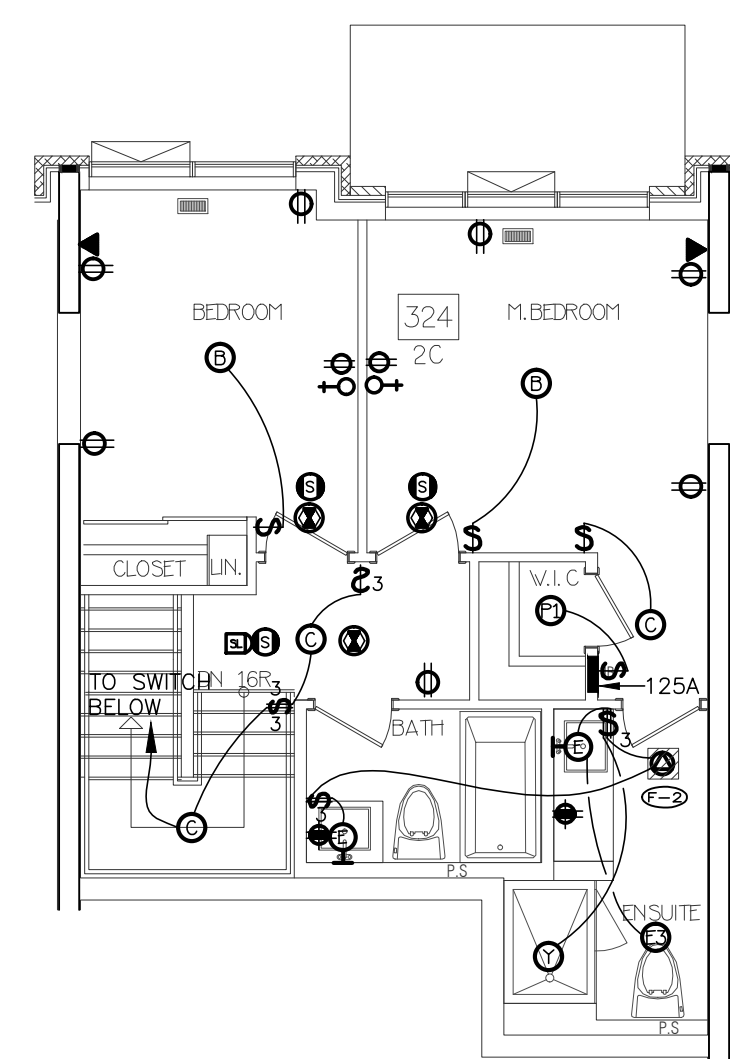
1 SUITE LAYOUT TYPE 2A & 2A2
GROUND FLOOR



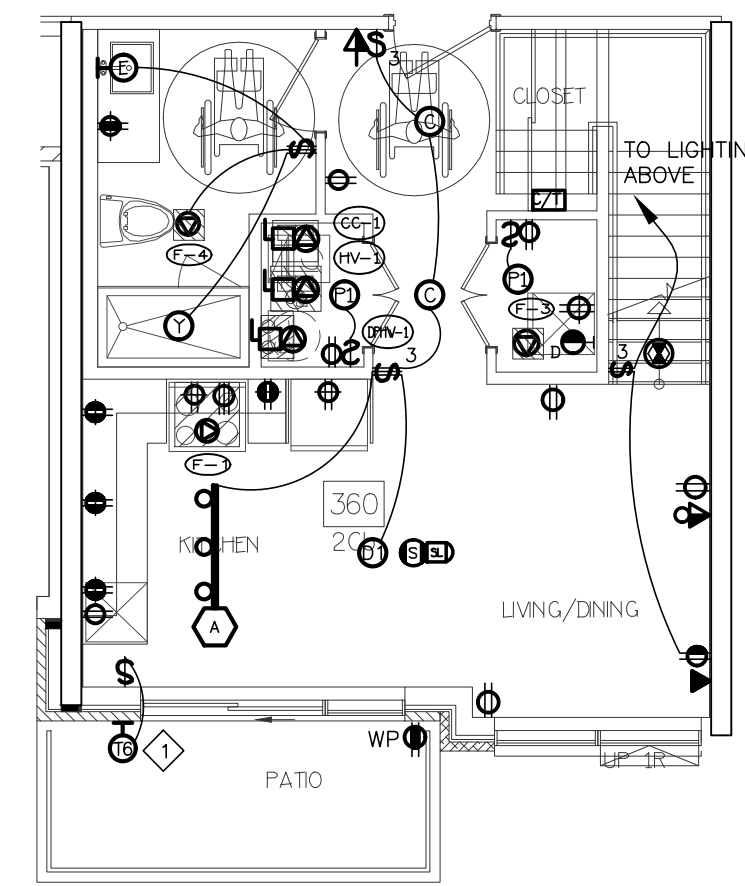
2 SUITE LAYOUT TYPE 2A4 & 2A2
SECOND FLOOR



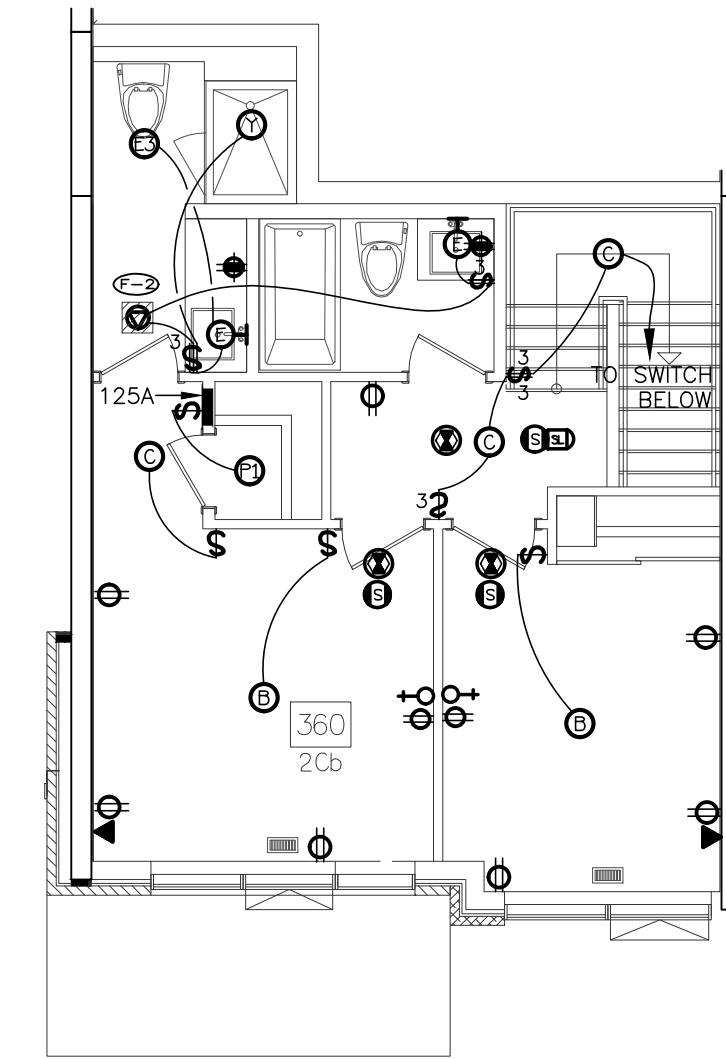
7 SUITE LAYOUT TYPE 2C & 2Ca
LOWER LEVEL



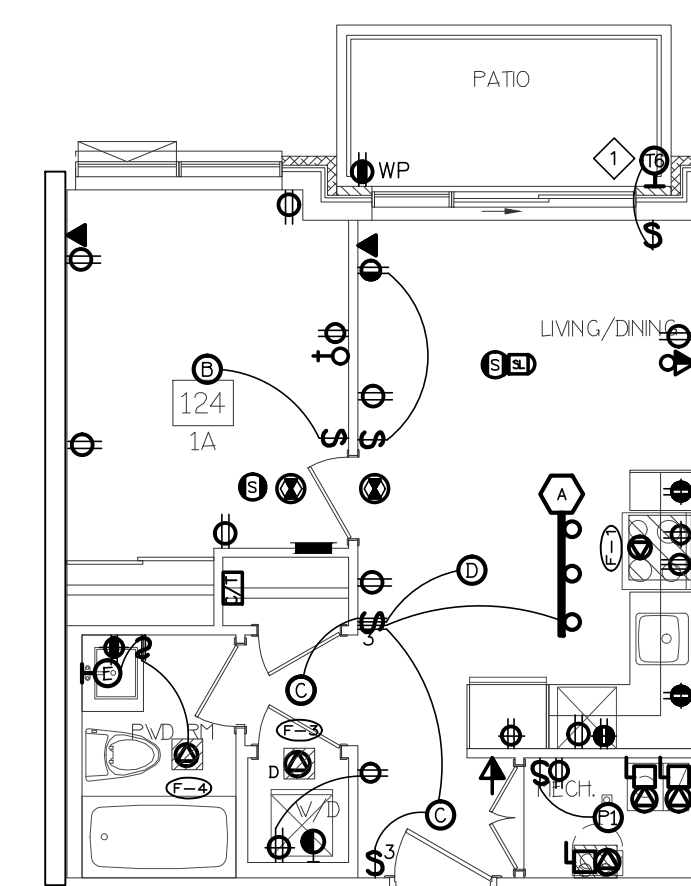
8 SUITE LAYOUT TYPE 2C & 2Ca
UPPER LEVEL



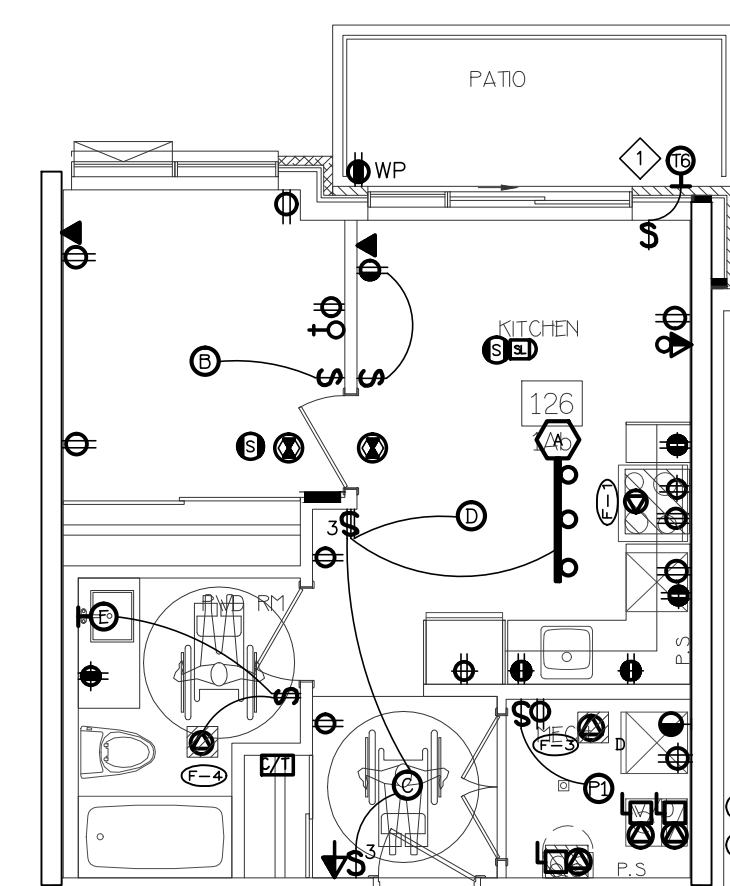
9 SUITE LAYOUT TYPE 2Cb
LOWER LEVEL



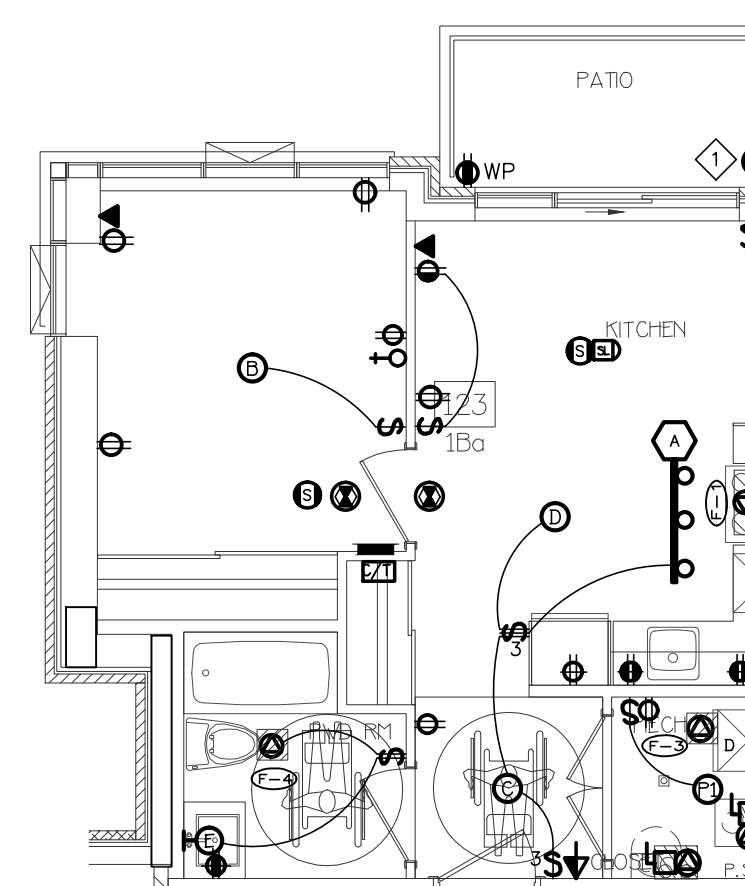
10 SUITE LAYOUT TYPE 2Cb
UPPER LEVEL



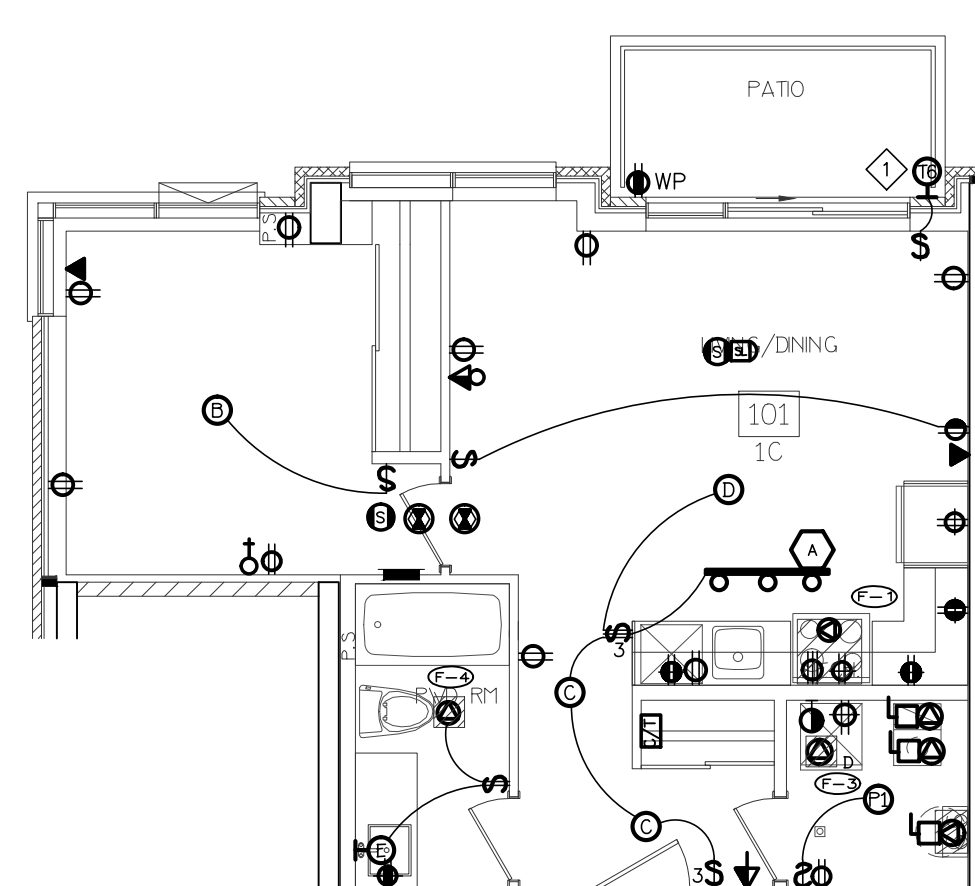
3 SUITE LAYOUT TYPE 1A & 1Aa
ONE FLOOR LEVEL



4 SUITE LAYOUT TYPE 1Ab
ONE FLOOR LEVEL



5 SUITE LAYOUT TYPE 1Ba
ONE FLOOR LEVEL

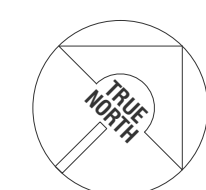


6 SUITE LAYOUT TYPE 1C
ONE FLOOR LEVEL

NO.	BY	DESCRIPTION	DATE
09	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION #2	JUN. 15, 2021
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

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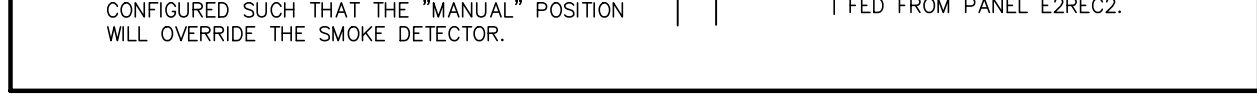
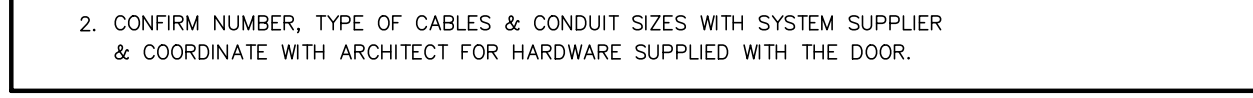
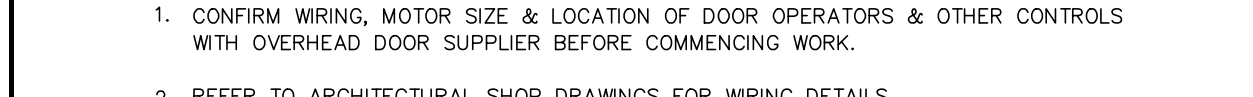


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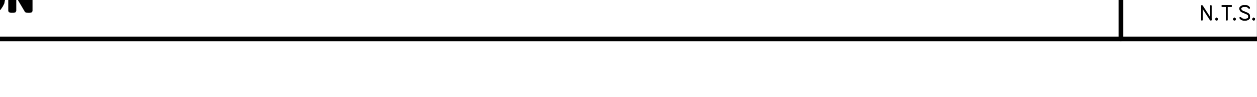
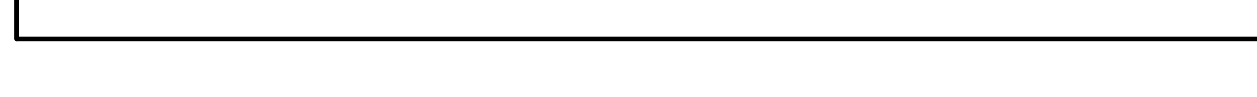
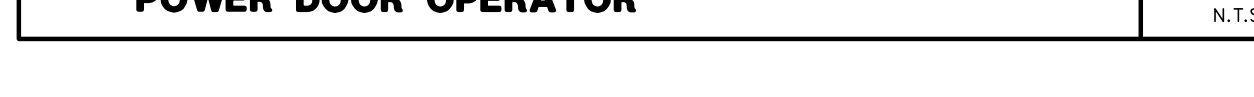
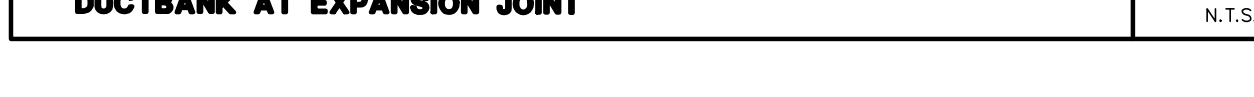
TITLE
**TYPICAL SUITE LAYOUT
ELECTRICAL**

PROJECT
**BRAMPTON STACKED
FORESTSIDE ESTATES**
ATTMAR + PALLESCHI DRIVE
BRAMPTON, ONTARIO

DRAWN SP	CHECKED MG	SCALE 1:75
DATE MAY, 2019	PROJECT 18-017	DRAWING E-8
		OF 16



ELECTRIC HEATER SCHEDULE	SCALE: N.T.S.
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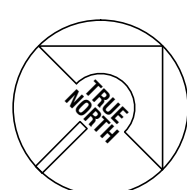
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TITLE DETAILS A ELECTRICAL

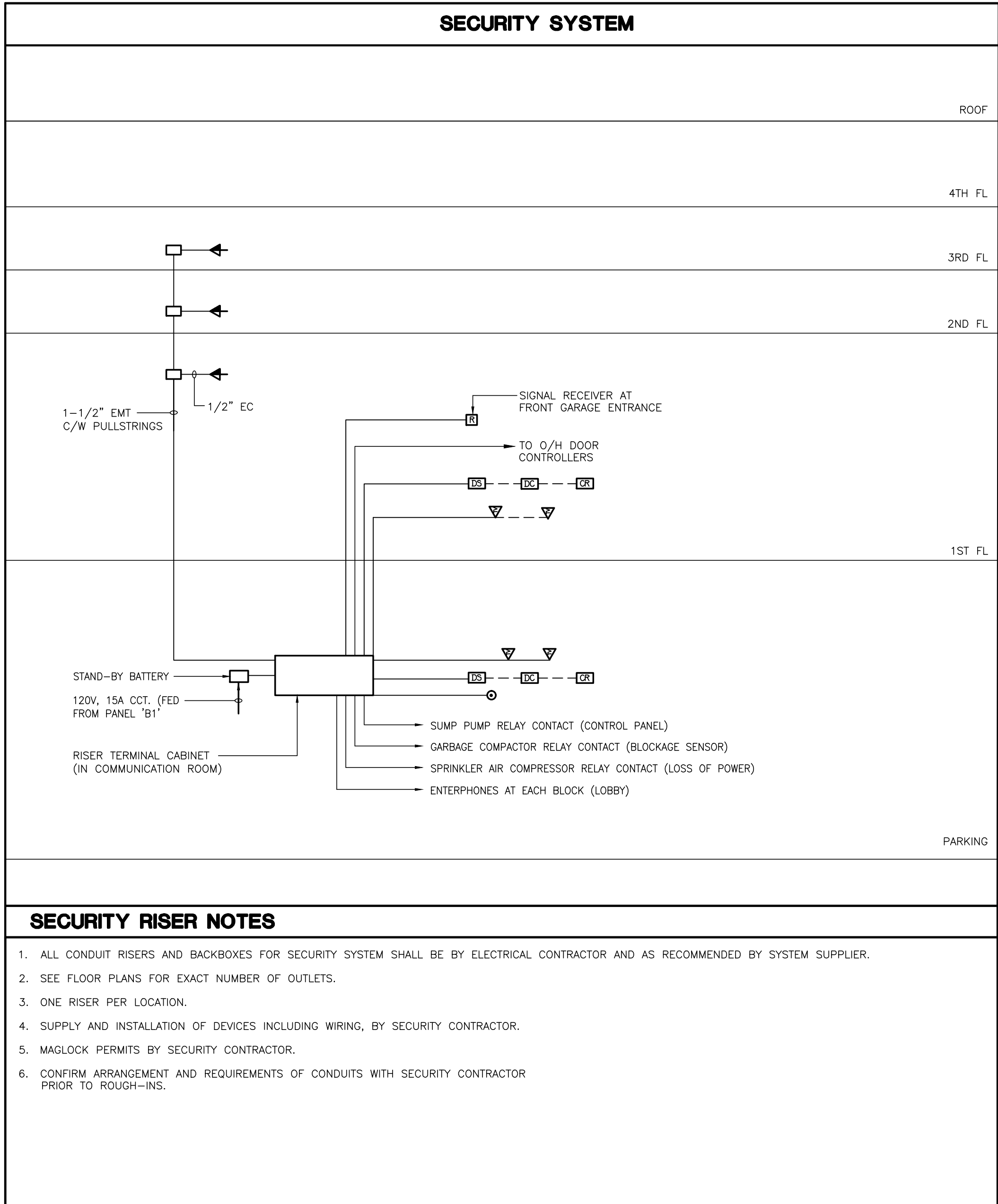
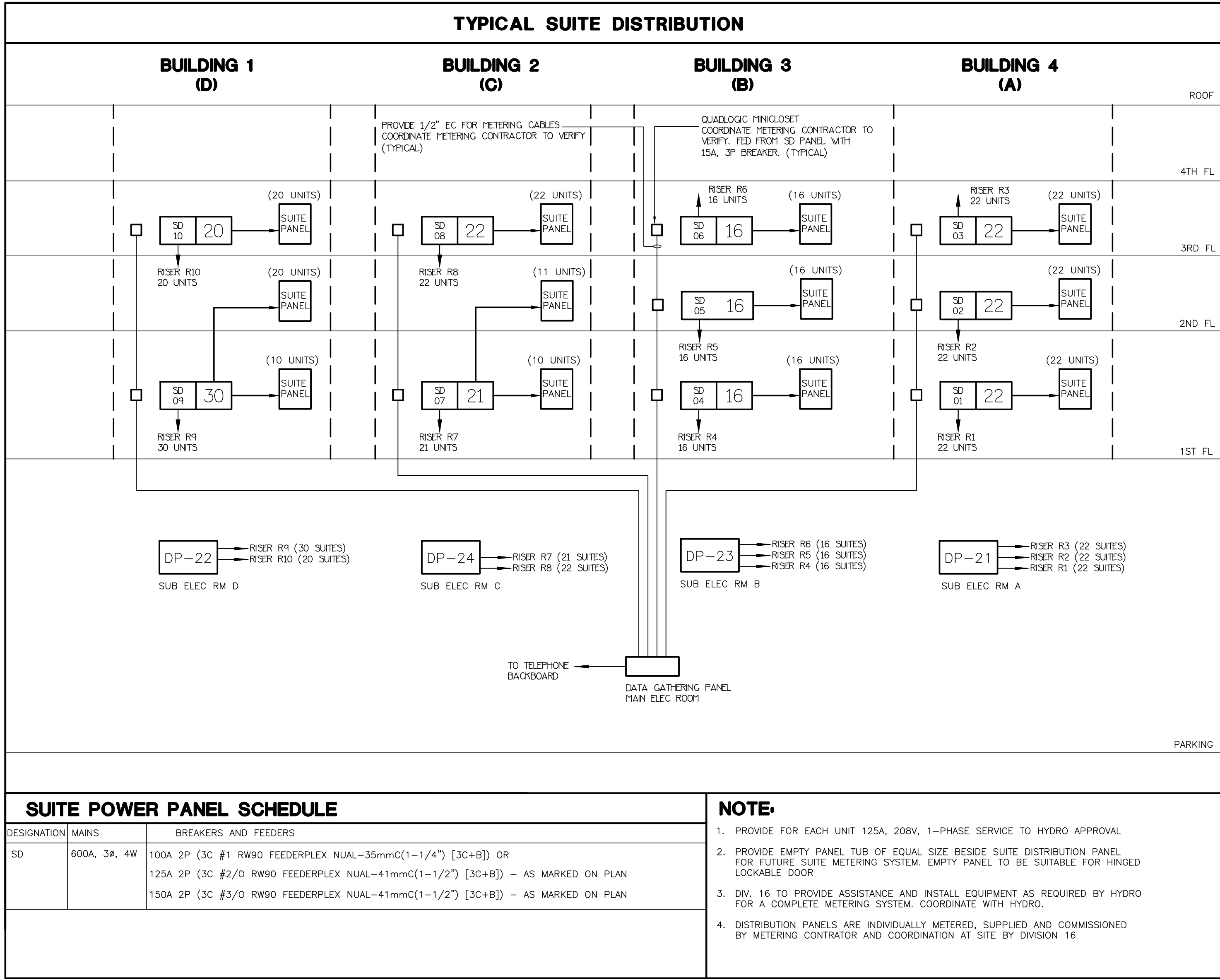
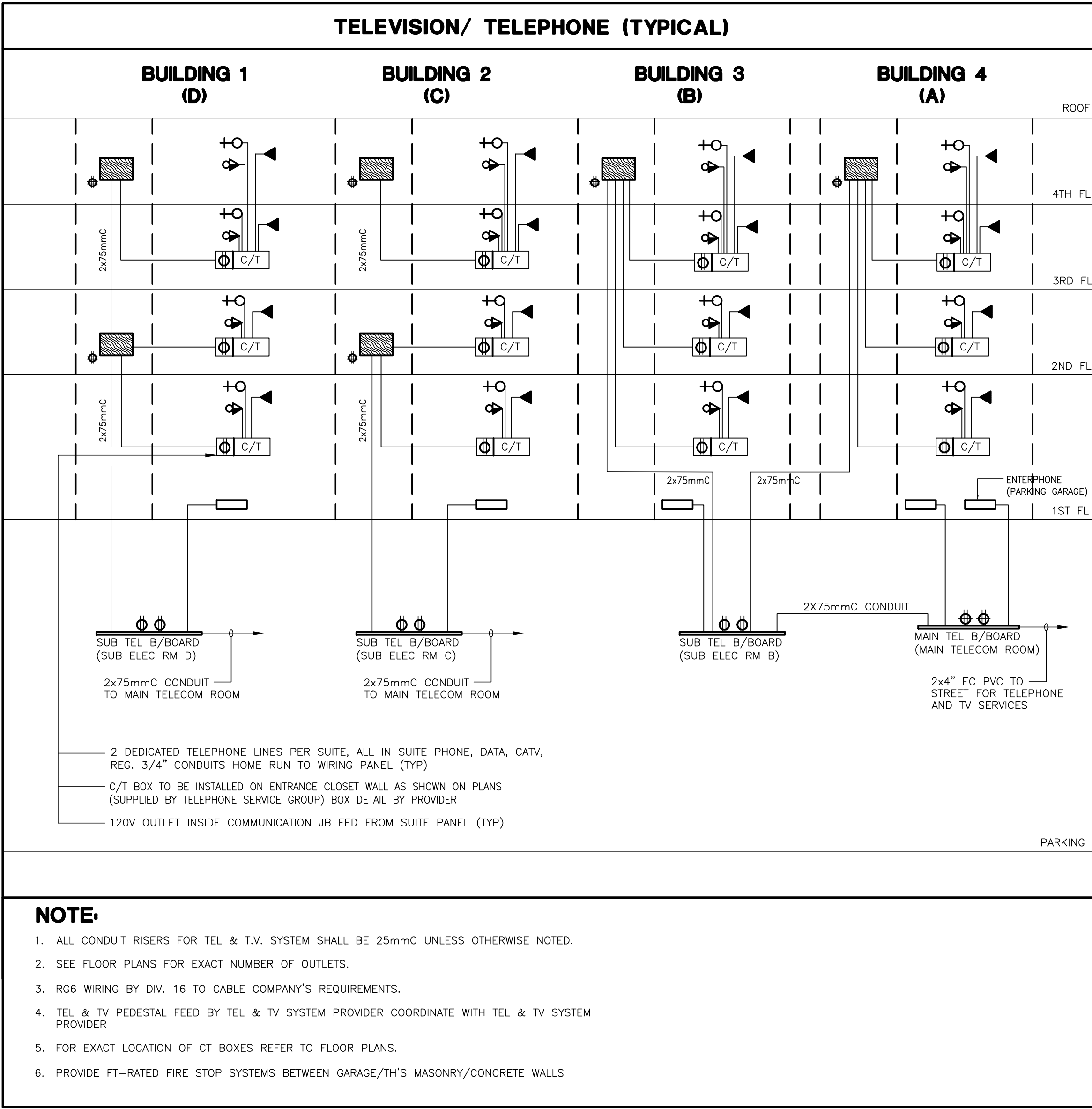
PROJECT

BRAMPTON STACKED
FORESTSIDE ESTATES

ATTMAR + PALLESCHI DRIVE
BRAMPTON, ONTARIO

DRAWN SP	CHECKED MG	SCALE N.T.S.
DATE MAY, 2019	PROJECT 18-017	DRAWING E-9A
		OF 16

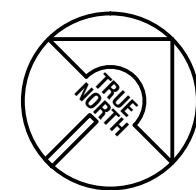
[illegible]



METERING NOTES (ELECTRICAL AND WATER SUBMETERING)	
1. ALL METERING EQUIPMENT (TRANSPONDERS, METER BASES, CT'S, TEST BLOCK, AND CABINETS) ARE TO BE SUPPLIED BY OTHERS. POWER REQUIREMENTS (FUSED DISCONNECTS, SPLITTER, DISCONNECT SWITCHED, AND DATA CABLING TO BE SUPPLIED BY ELECTRICAL CONTRACTOR. 2. DIVISION 16 TO INSTALL METERING SYSTEM AND COMPONENTS. 3. ALLOW FOR COORDINATION WITH METERING PROVIDER PRIOR TO ROUGH-IN OF METERING SYSTEM. 4. DIV. 16 TO PROVIDE SUITE DISTRIBUTION PANELS C/V WIREWAY AND ALLOW FOR INSTALLATION OF ASSOCIATED METERING EQUIPMENT (SEE NOTE #4) PROVIDED BY OTHERS 5. ALL CONDUITS FOR METERING EQUIPMENT BY DIV. 16. 6. PROVIDE EMPTY PANEL TUB OF EQUAL SIZE BESIDE SUITE DISTRIBUTION SUITE METERING SYSTEM. EMPTY PANEL TO BE PANEL FOR FUTURE SUITABLE FOR HINGED LOCKABLE DOOR	7. ALLOW FOR 12 CT DONUTS PER BOX, AND 2 CT DONUTS PER SUITE. PROVIDE A SEPARATE PRICE TO INSTALL DONUTS (SUPPLIED BY OTHERS) AT TIME OF SUITE FEEDER INSTALLATION 8. ALLOW FOR 12 CT DONUTS PER BOX, AND 2 CT DONUTS PER SUITE. CONTRACTOR TO PROVIDE AND INSTALL EMPTY METER BOX(S) TO METER SYSTEM SUPPLIER 9. COORDINATE THE INSTALLATION OF SUITE METERING SYSTEM WITH CLIENT. ALLOW FOR ALL COSTS ASSOCIATED WITH COORDINATION 10. COORDINATE THE INSTALLATION OF TAMPERPROOF CHECK METERING TO CLIENT'S APPROVAL. ALLOW FOR COORDINATION WITH SYSTEM SUPPLIER 11. ALL THE SD-+ PANELS ARE INDIVIDUALLY METERED, SUPPLIED AND COMMISSIONED BY METERING CONTRACTOR. PANEL INSTALLATION & COORDINATION AT SITE BY DIV.16
WATER SUBMETERING NOTES (FOR INFORMATION ONLY, CONFIRM WITH MEETRING SERVICE PROVIDER)	
1. PROVIDE CONDUIT NETWORK FOR METERING SYSTEM AS PER METERING SHOP DRAWINGS AND/OR BASE BUILDING ELECTRICAL DRAWINGS. 2. INSTALL METERING WIRE (18 AWG, 2-CONDUCTOR) THROUGHOUT METERING NETWORK AND TERMINATE AT EACH METER LOCATION. METERING WIRE IS SUPPLIED TO ELECTRODIAN BY PROVIDENT. METERING NETWORK WILL TYPICALLY FOLLOW PLUMBING RISERS VERTICALLY FOR 10-15 FLOORS, AND THEN BE CAST IN-SLAB FOR HORIZONTAL RUNS TO METERING SYSTEM METERING CLOSET(S). 3. PROVIDE 120 VAC POWER SUPPLY AT SELECTED ELECTRICAL CLOSET FOR INSTALLATION OF PROVIDENT METERING SYSTEM METERING CLOSET(S). 4. PROVIDE CONDUIT FOR CAT-5 CABLE FROM METERING CLOSET(S) TO LOCATION OF BUILDING INTERNET CONNECTION (EG. COMMUNICATIONS ROOMS AND/OR PROPERTY MANAGEMENT OFFICE) A. DATASHEET FOR ULTRAFLOW THERMAL METER (FLOW COMPONENT) B. DATASHEET FOR UNICOODER IN-SUITE WATER METER	

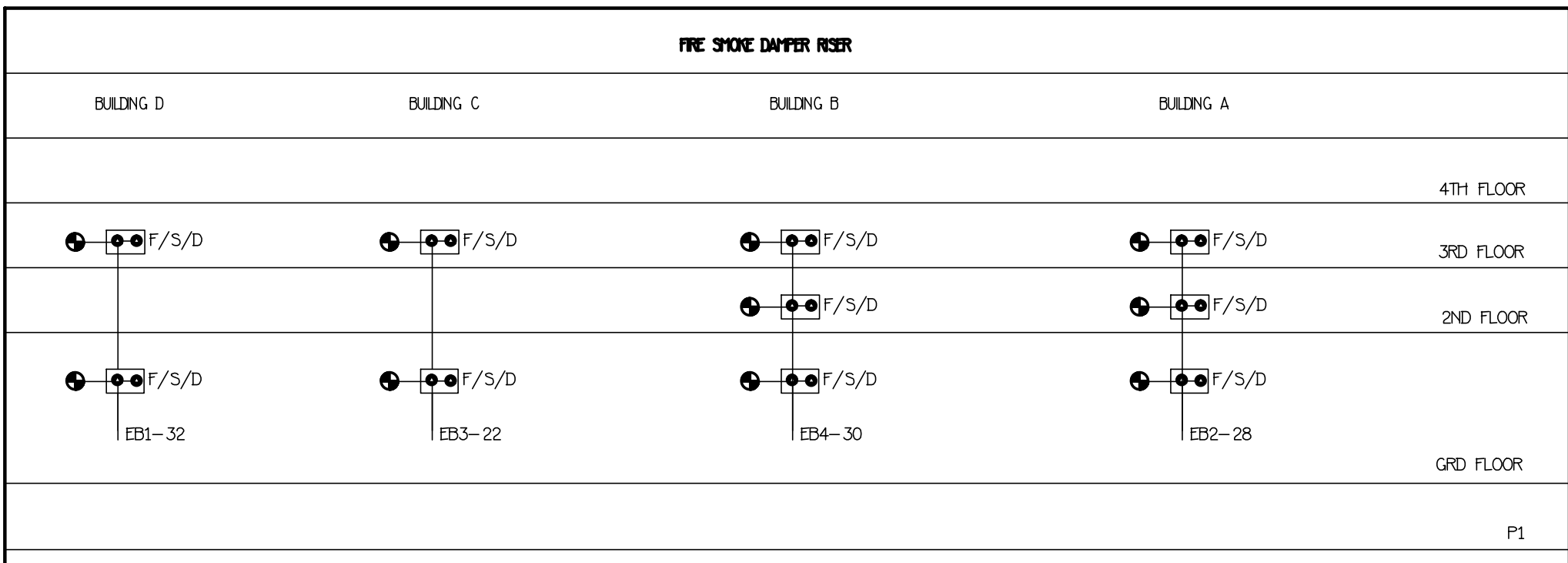
NO.	BY	DESCRIPTION	DATE
10	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION #2	JUN. 15, 2021
08	SP	ISSUED FOR SITE INSTRUCTION E-6	JUN. 04, 2021
07	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION	MAR. 26, 2021
06	SP	ISSUED FOR PERMIT BUILDINGS A, B, C, D	MAR. 03, 2021
05	SP	ISSUED FOR ADD E-4	FEB. 08, 2020
04	SP	ISSUED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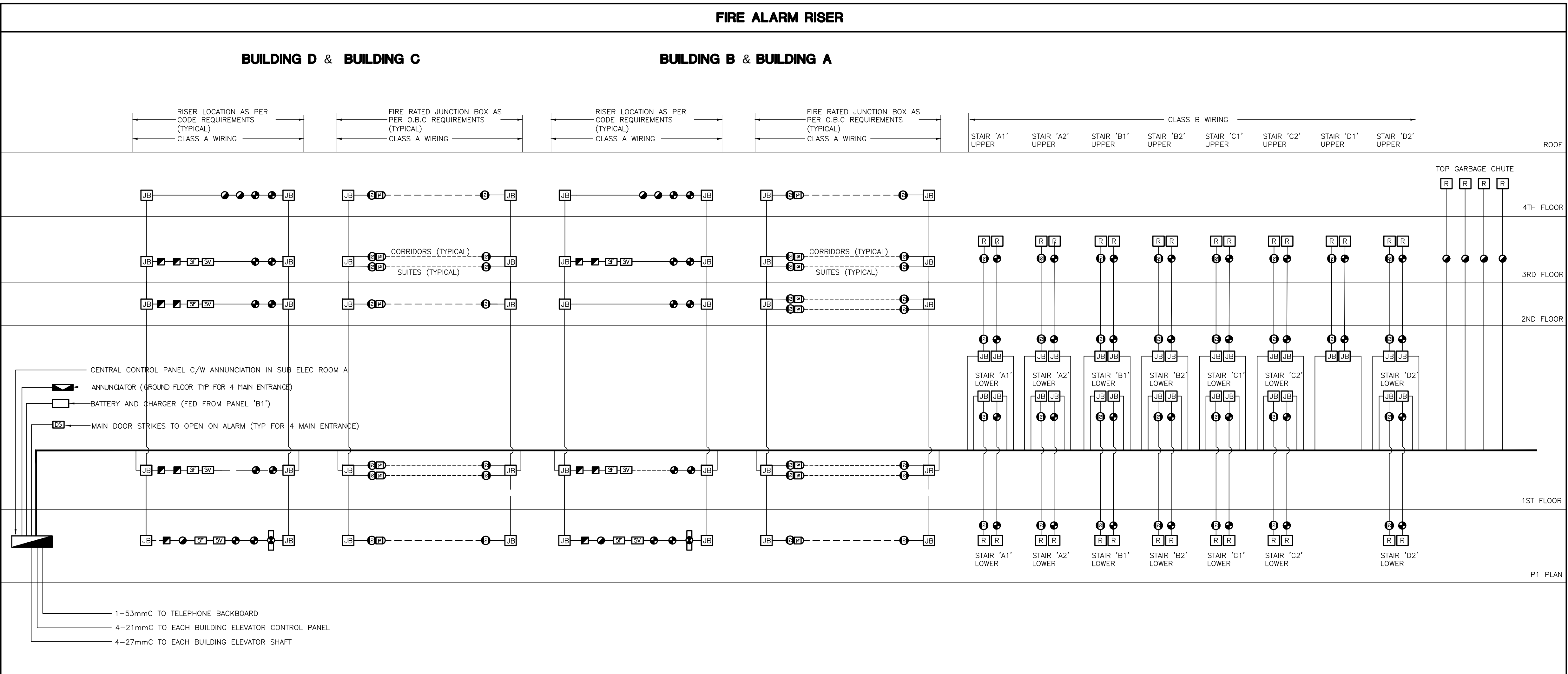


UNITED ENGINEERING INC. Mechanical Electrical Consulting Engineers 3645 Keele Street, Suite 105, Toronto, Ontario, M3J 1M6 Tel: (416) 398 1995, Fax: (416) 398 1933	
TITLE	RISERS ELECTRICAL
PROJECT	BRAMPTON STACKED FORESTSIDE ESTATES ATTMAR + PALLESCHI DRIVE BRAMPTON, ONTARIO
DRAWN SP	CHECKED MG
DATE MAY, 2019	SCALE NTS
	DRAWING E-10
	OF 16

FIRE ALARM SCHEDULE	
ALARM ZONES	
CCT #	DESCRIPTION
1	PARKING GARAGE - P1
2	PARKING GARAGE - P1
3	ELEVATOR LOBBY BUILDING A - P1
4	ELEVATOR LOBBY BUILDING B - P1
5	ELEVATOR LOBBY BUILDING C - P1
6	ELEVATOR LOBBY BUILDING D - P1
7	MAIN ELECTRICAL ROOM - P1 LEVEL
8	SUB-ELECTRICAL ROOM A - P1 LEVEL
9	SUB-ELECTRICAL ROOM B - P1 LEVEL
10	SUB-ELECTRICAL ROOM C - P1 LEVEL
11	SUB-ELECTRICAL ROOM D - P1 LEVEL
12	COMMUNICATION ROOM - P1 LEVEL
13	MECHANICAL ROOM - P1 LEVEL
14	SPARE
15	GENERATOR ROOM - P1 LEVEL
16	GARBAGE ROOM - P1 LEVEL
17	GARBAGE ROOM - P1 LEVEL
18	GARBAGE ROOM - P1 LEVEL
19	GARBAGE ROOM - P1 LEVEL
20-23	1ST FLOOR TO 4TH FLOOR (BUILDING D)
24	ELEVATOR SHAFT (BUILDING D)
25-28	1ST FLOOR TO 4TH FLOOR (BUILDING C)
29	SPARE
30	ELEVATOR SHAFT (BUILDING C)
31-34	1ST FLOOR TO 4TH FLOOR (BUILDING B)
35	ELEVATOR SHAFT (BUILDING B)
36-39	1ST FLOOR TO 4TH FLOOR (BUILDING A)
40	ELEVATOR SHAFT (BUILDING A)
41	STAIR 'A1' UPPER STAIR
42	STAIR 'A1' TOP OF UPPER STAIR
43	STAIR 'A1' LOWER STAIR
44	STAIR 'A1' TOP OF LOWER STAIR
45	STAIR 'A2' UPPER STAIR
46	STAIR 'A2' TOP OF UPPER STAIR
47	STAIR 'A2' LOWER STAIR
48	STAIR 'A2' TOP OF LOWER STAIR
49	STAIR 'B1' UPPER STAIR
50	STAIR 'B1' TOP OF UPPER STAIR
51	STAIR 'B1' LOWER STAIR
52	STAIR 'B1' TOP OF LOWER STAIR
53	STAIR 'B2' UPPER STAIR
54	STAIR 'B2' TOP OF UPPER STAIR
55	STAIR 'B2' LOWER STAIR
56	STAIR 'B2' TOP OF LOWER STAIR
57	STAIR 'C1' UPPER STAIR
58	STAIR 'C1' TOP OF UPPER STAIR
59	STAIR 'C1' LOWER STAIR
60	STAIR 'C1' TOP OF LOWER STAIR
61	STAIR 'C2' UPPER STAIR
62	STAIR 'C2' TOP OF UPPER STAIR
63	STAIR 'C2' LOWER STAIR
64	STAIR 'C2' TOP OF LOWER STAIR
65	STAIR 'D1' UPPER STAIR
66	STAIR 'D1' TOP OF UPPER STAIR
67	STAIR 'D2' UPPER STAIR
68	STAIR 'D2' TOP OF UPPER STAIR
69	STAIR 'D2' LOWER STAIR
70	STAIR 'D2' TOP OF LOWER STAIR
71	FRESH AIR UNIT DUCT DETECTOR (BUILDING A)
72	FRESH AIR UNIT DUCT DETECTOR (BUILDING B)
73	FRESH AIR UNIT DUCT DETECTOR (BUILDING C)
74	FRESH AIR UNIT DUCT DETECTOR (BUILDING D)
75	SPARE
76	MAIN SPRINKLER FLOW ALARM
77	PARKING GARAGE LEVEL-1 SPRINKLER FLOW ALARM
78	WET SPRINKLER LINE TO GARBAGE ROOM FLOW ALARM
79	WET SPRINKLER LINE TO GARBAGE ROOM FLOW ALARM
80	WET SPRINKLER LINE TO GARBAGE ROOM FLOW ALARM
81	WET SPRINKLER LINE TO GARBAGE ROOM FLOW ALARM
82	SPARE
83	BUILDING A SPRINKLER SYSTEM FLOW ALARM
84	BUILDING B SPRINKLER SYSTEM FLOW ALARM
85	BUILDING C SPRINKLER SYSTEM FLOW ALARM
86	BUILDING D SPRINKLER SYSTEM FLOW ALARM
87	SPRINKLER RISER IN GARBAGE CHUTE FLOW ALARM (BUILDING A)
88	SPRINKLER RISER IN GARBAGE CHUTE FLOW ALARM (BUILDING B)
89	SPRINKLER RISER IN GARBAGE CHUTE FLOW ALARM (BUILDING C)
90	SPRINKLER RISER IN GARBAGE CHUTE FLOW ALARM (BUILDING D)
91	SPARE
92	SPARE
93	SPARE
	SPARE 25%



SMOKE DAMPER AND COMBINATION SMOKE AND FIRE DAMPER NOTES.	
1. A SMOKE DETECTOR SHALL BE INSTALLED WITHIN 1.5M HORIZONTALLY TO EACH SMOKE DAMPER AND COMBINATION OF SMOKE AND FIRE DAMPER.	
2. THE SMOKE DAMPER AND COMBINATION SMOKE AND FIRE DAMPER SHALL BE AUTOMATICALLY CLOSED UPON A SIGNAL FROM AN ADJACENT SMOKE DETECTOR DESCRIBE IN ITEM 1.	
3. THE SMOKE DAMPER AND COMBINATION OF SMOKE AND FIRE DAMPER SHALL BE CONNECTED WITH AN EMERGENCY POWER SUPPLIES.	



TROUBLE ZONES	
CCT #	DESCRIPTION
1	MAIN INCOMING SPRINKLER LINE LOSS OF PRESSURE - 1
2	MAIN INCOMING SPRINKLER LINE LOSS OF PRESSURE - 2
3	GEN-SET-COMMON TROUBLE
4	GENERATOR BREAKER "OFF"
5	GENERATOR RUNNING
6	LOSS OF PRESSURE OF INCOMING GAS LINE FOR GENSET
7	LOSS OF PRESSURE OF GAS LINE TO GENSET
8	FIRE LINES TRACING POWER LOSS
9	COMPRESSOR LOSS OF POWER
10	COMPRESSOR LOSS OF AIR
11-12	DRY SPINKLER LOSS OF AIR PRESSURE IN P1 PARKING LEVEL
13	TRANSFER SWITCH #1 NOT IN 'AUTO'
14	LOW TEMP. T-STAT IN MECHANICAL ROOM - P1 LEVEL
15	HIGH CO LEVEL DETECTION IN PARKING GARAGE
16	PIPE TRACING LOSS OF POWER **
17	SNOW MELTING LOSS OF POWER **
	SPARE 25%
	** NUMBER OF ZONES TO SUIT CODE REQUIREMENT

FIRE ALARM RISER NOTES	
1. PROVIDE WIRING FOR SPRINKLER FLOW SWITCHES, PRESSURE SWITCHES AND SUPERVISED VALVES (NOT SHOWN ON ELECTRICAL DRAWINGS; EXACT LOCATIONS SHALL BE VERIFIED ON SITE) AND CONNECT TO CORRESPONDING ZONE OF FIRE ALARM SYSTEM.	
2. PROVIDE END OF LINE RESISTOR FOR EACH ZONE.	
3. SEE FLOOR PLANS FOR EXACT NUMBER AND LOCATION OF FIRE ALARM DEVICES.	
4. FIRE ALARM PULL STATIONS SHALL BE RED IN COLOR; MOUNTING HEIGHT: 1200MM AFF.	
5. SEE ALSO APPLICABLE NOTES DETAILS AND SEQUENCE OF OPERATION ON 'DETAILS' DRAWINGS.	
6. ALL F/A SIGNAL WIRING SHALL BE WIRED TO CONFORM TO CLASS 'A' STANDARDS.	
7. FIRE ALARM SPEAKER CIRCUITS TO BE CLASS A.	
8. PROVIDE SEPARATE SECOND CLASS A SIGNAL CIRCUIT PER FLOOR SO THAT ONE CIRCUIT IS FOR THE CORRIDORS AND ONE CIRCUIT IS FOR THE SUITES.	
9. ALL FIRE ALARM RECALL FROM MANUAL DEVICES AND AUTOMATICALLY INITIATED DEVICES TO BE AS PER CODE AND TSSA REQUIREMENTS.	
10. ADD CONTROL PANEL EXPANSION BOX AS PER MANUFACTURERS RECOMMENDATIONS AND SYSTEM REQUIREMENTS WITHIN BUILDING CAGT TO HAVE A COMPLETE AND FULLY FUNCTIONAL INTEGRATED FIRE ALARM SYSTEM.	
11. ALLOW FOR ALL COSTS ASSOCIATED WITH VERIFICATION AS REQUIRED.	
12. ELECTRICAL SUPERVISION	
ELECTRICAL SUPERVISION OF THE AUTOMATIC SPRINKLER SYSTEM IS REQUIRED TO INDICATE A SUPERVISORY SIGNAL ON THE FIRE ALARM ANNUNCIATOR/CONTROL PANEL FOR THE FOLLOWING:	
- MOVEMENT OF A VALVE HANDLE THAT CONTROLS THE SUPPLY OF WATER TO SPRINKLERS, AND - LOSS OF EXCESS WATER PRESSURE REQUIRED TO PREVENT FALSE ALARMS IN A WET SYSTEM, - LOSS OF AIR PRESSURE IN A DRY FIRE SYSTEM, - LOSS OF POWER TO AN AUTOMATICALLY STARTING FIRE PUMP, - A TEMPERATURE APPROACHING THE FREEZING POINT OF A DRY PIPE VALVE ENCLOSURE, - LOSS OF POWER TO A HEAT TRACING CABLE SERVING: - A STANDPIPE RISER - A SPRINKLER LINE, AND - AN EXIT OR MEANS OF EGRESS TO KEEP IT FREE FROM ICE AND SNOW	

FIRE ALARM SCHEDULE NOTES	
1. PROVIDE ON-OFF-AUTO SELECTOR SWITCHES IN ANNUNCIATOR PANEL FOR REMOTE CONTROL OF MUA'S, GARAGE EXHAUST FANS, PRESSURIZATION FANS, AND CONTROL FOR ALL ELEVATOR AND STAIR PRESSURIZATION AS WELL AS THE AMENITY AREA AIRFLOW SMOKE EXHAUST SYSTEM.	
2. PROVIDE FAN SHUT-DOWN RELAYS TO DE-ENERGIZE ALL SUPPLY AIR FANS (EXCEPT MUA'S TO PUBLIC CORRIDOR) ON FIRE ALARM MUA'S TO PROVIDE MAKE UP AIR TO PUBLIC CORRIDOR TO REMAIN OPERATIONAL AFTER THE ACTIVATION OF THE FIRE ALARM.	
3. ELEVATOR RECALL ADJACENT CENTRAL FACILITY.	
5. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF SUPERVISED VALVES.	
6. SYSTEM TO CONFORM WITH O.B.C. SECTION 3.2.4.16 AND TO LOCAL AUTHORITY HAVING JURISDICTION.	
7. ALL AUDIBLE SIGNAL WIRING TO CONFORM TO CLASS 'A' SPECIFICATIONS.	
8. IN SUITE WHERE APPLICABLE THE SPEAKERS SHALL BE CAPABLE TO BE SILENCED AS REQUIRED BY CODES OR THE EQUIPMENT SHALL BE IN ACCORDANCE WITH OBC 3.2.4.19(15).	

ELECTRICALLY SUPERVISED VALVE SCHEDULE					
SUPERVISED VALVE NO.	SYSTEM	LOCATION	SUPERVISED VALVE NO.	SYSTEM	LOCATION
<u><SV#1></u>	INLET DOUBLE CHECK VALVE ASSEMBLY ISOLATION	METER ROOM	<u><SV#6></u>	BUILDING '3' (BUILDING B) GARBAGE CHUTE SYSTEM ISOLATION	PARKING GARAGE
<u><SV#2></u>	OUTLET DOUBLE CHECK VALVE ASSEMBLY ISOLATION	METER ROOM	<u><SV#17></u>	BUILDING '3' (BUILDING B) SPRINKLER SYSTEM ISOLATION	BUILDING '3' (BUILDING B) 1ST FLOOR
<u><SV#3></u>	WET SYSTEM ISOLATION	METER ROOM	<u><SV#18></u>	ISOLATION FSP BUILDING 2 (BUILDING C)	PARKING GARAGE
<u><SV#4></u>	P-1 LEVEL WEST U/G GARAGE DRY SPRINKLERS	METER ROOM	<u><SV#19></u>	ISOLATION FSP BUILDING 2 (BUILDING C)	PARKING GARAGE
<u><SV#5></u>	P-1 LEVEL WEST U/G GARAGE DRY SPRINKLERS	METER ROOM	<u><SV#20></u>	ISOLATION FSP BUILDING 2 (BUILDING C)	PARKING GARAGE
<u><SV#6></u>	ISOLATION FSP BUILDING 4 (BUILDING A)	PARKING GARAGE	<u><SV#21></u>	ISOLATION FSP PARKING GARAGE	PARKING GARAGE
<u><SV#7></u>	ISOLATION FSP BUILDING 4 (BUILDING A)	PARKING GARAGE	<u><SV#22></u>	BUILDING '3' (BUILDING C) GARBAGE CHUTE SYSTEM ISOLATION	PARKING GARAGE
<u><SV#8></u>	ISOLATION FSP BUILDING 4 (BUILDING A)	PARKING GARAGE	<u><SV#23></u>	BUILDING '2' (BUILDING C) SPRINKLER SYSTEM ISOLATION	BUILDING '2' (BUILDING C) 1ST FLOOR
<u><SV#9></u>	ISOLATION FSP PARKING GARAGE	PARKING GARAGE	<u><SV#24></u>	ISOLATION FSP BUILDING 1 (BUILDING D)	PARKING GARAGE
<u><SV#10></u>	BUILDING '4' (BUILDING A) GARBAGE CHUTE SYSTEM ISOLATION	PARKING GARAGE	<u><SV#25></u>	ISOLATION FSP BUILDING 1 (BUILDING D)	PARKING GARAGE
<u><SV#11></u>	BUILDING '4' (BUILDING A) SPRINKLER SYSTEM ISOLATION	BUILDING '4' 1ST FLOOR	<u><SV#26></u>	ISOLATION FSP BUILDING 1 (BUILDING D)	PARKING GARAGE
<u><SV#12></u>	ISOLATION FSP BUILDING 3 (BUILDING B)	PARKING GARAGE	<u><SV#27></u>	ISOLATION FSP PARKING GARAGE	PARKING GARAGE
<u><SV#13></u>	ISOLATION FSP BUILDING 3 (BUILDING B)	PARKING GARAGE	<u><SV#28></u>	BUILDING '1' (BUILDING D) GARBAGE CHUTE SYSTEM ISOLATION	PARKING GARAGE
<u><SV#14></u>	ISOLATION FSP BUILDING 3 (BUILDING B)	PARKING GARAGE	<u><SV#29></u>	BUILDING '1' (BUILDING D) SPRINKLER SYSTEM ISOLATION	BUILDING '1' (BUILDING D) 1ST FLOOR
<u><SV#15></u>	ISOLATION FSP PARKING GARAGE	PARKING GARAGE		SPARE	
	SPARE			SPARE	
				SPARE 25%	
NOTE 1. PROVIDE ALLOWANCE FOR ADDITIONAL SUPERVISED VALVES UPON SUBMISSION OF SPRINKLER SHOP DRAWINGS					

09	SP	ISSUED FOR PROGRESSIVE CONSTRUCTION #2	JUN. 15, 2021
08	SP	ISSUED FOR SI E-3	MAY. 03, 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
NO.	BY	DESCRIPTION	DATE

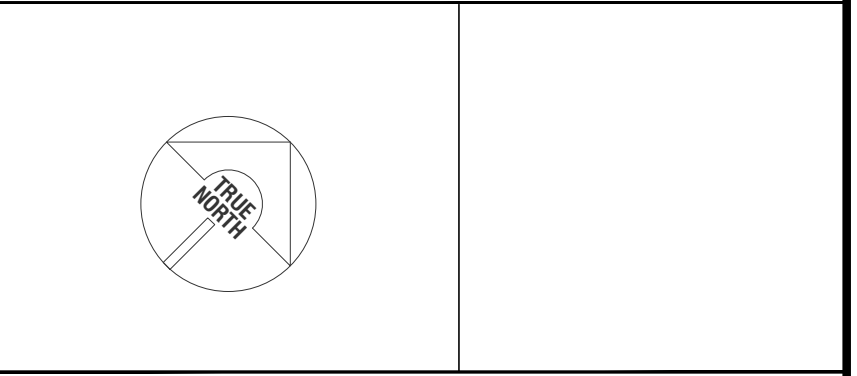
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TITLE
**FIRE ALARM SYSTEM
ELECTRICAL**

PROJECT
**BRAMPTON STACKED
FORESTSIDE ESTATES**
**ATTMAR + PALLESCHI DRIVE
BRAMPTON, ONTARIO**

DRAWN SP	CHECKED MG	SCALE NTS
DATE MAY, 2019	PROJECT 18-017	DRAWING E-11 OF 16

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

PANEL IDENTIF: B1	SERVICE: MAIN CTT. BRK: 208Y/120V, 3ø, 4W MANS: 400 AMPS SURFACE MOUNTING:	NOTES: 60 CIRCUITS LOCATION:			
	WATTS	BRK	CIRCUITS	BRK	WATTS
LOAD DESCRIPTION					LOAD DESCRIPTION
LIGHTING – LOCKERS (P1)	15A	1	2	15A	RECEPTACLES – STAR A (2Ø–3Ø)
LIGHTING – LOCKERS (P1)	15A	3	4	15A	RECEPTACLES – STAR B (Ø1–3Ø)
REC – STORAGE (P1)	15A	5	6	15A	RECEPTACLES – CORRIDOR (ØØ–3Ø)
REC – SUB ELEC RM D (P1)	15A	7	8	15A	RECEPTACLES – CORRIDOR (ØØ)
LIGHTING – GARBAGE RM (P1)	15A	9	10	15A	RECEPTACLES – ROOF LEVEL
REC – LOCKER (P1)	20A	11	12	15A	RECEPTACLES – ROOF LEVEL
REC – STAR A & B (P1)	15A	13	14	15A	LIGHTING–JANITOR ROOM
REC – GARBAGE RM (P1)	15A	15	16	100A	
REC – LOCKER (P1)	15A	17	18	2P	
REC – LOCKER & LOBBY (P1)	15A	19	20	30A	4 Ø KW ELECTRIC FORCE HEATER H-3
REC – SERVICE ROOM (P1)	15A	21	22	2P	
TRISORTOR CONTROL PANEL	20A	23	24	30A	4 Ø KW ELECTRIC FORCE HEATER H-3
BATTERY UNIT	15A	25	26	30A	
H-1 12KW ELECTRIC HEATER	80A	27	28	30A	SPARE
	2P	29	30		
H-1 12KW ELECTRIC HEATER	80A	31	32	15A	GENERATOR RM MOTORIZED DAMPER
	2P	33	34	15A	SMART BOX FOR DELIVERIES
1.0KW BASEBOARD HEATER	15A	35	36	15A	RECEPTACLES – CORRIDOR (ØØ)
1.0KW BASEBOARD HEATER	15A	37	38	15A	RECEPTACLES – CORRIDOR (ØØ)
REC – TELECOM	15A	39	40	15A	LIGHTING – LOCKERS (ØØ)
REC – TELECOM	15A	41	42	15A	SPARE

PANEL IDENT: B4	SERVICE: 208Y/120V, 3ø, 4W	NOTES: 60 CIRCUITS				
	MAIN CTT. BRK:					
	MANS: 400 AMPS SURFACE	LOCATION:				
	MOUNTING:					
LOAD DESCRIPTION	WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
LIGHTING – GARBAGE RM (P1)	15A	1	1	2		RECEPTACLES – STAR F (P1–3Ø)
REC – SUB ELEC RM (P1)	15A	3	4	15A		RECEPTACLES – STAR F (P1–3Ø)
LIGHTING – GARBAGE RM (P1)	15A	5	6	15A		RECEPTACLES – CORRIDOR (ØØ–3Ø)
REC – LOBBY (P1)	15A	7	8	15A		RECEPTACLES – CORRIDOR (ØØ–3Ø)
LIGHTING – PUBLIC RM. (2ND)	15A	9	10	15A		RECEPTACLES – ROOF LEVEL
REC – ELEVATOR CONTROL RM (P1)	15A	11	12	15A		RECEPTACLES – ROOF LEVEL
TRISORTOR CONTROL PANEL	20A	13	14	100A		SPARE
H-1 12KW ELECTRIC HEATER	80A	15	16	2P		4.8 KW ELECTRIC FORCE HEATER H-3
	2P	17	18	30A		
	2P	21	22	30A		4.8 KW ELECTRIC FORCE HEATER H-3
1.0KW BASEBOARD HEATER	15A	23	24	2P		
1.0KW BASEBOARD HEATER	15A	25	26	30A		SPARE
REC – TELECOM	15A	27	28	2P		
REC – TELECOM	15A	29	30	15A		SMART BOX FOR DELIVERIES
SPARE	15A	31	32	15A		RECEPTACLES – CORRIDOR (ØØ–3Ø)
	15A	33	34	15A		RECEPTACLES – CORRIDOR (ØØ–3Ø)
	15A	35	36	15A		LIGHTING – LOCKER (3RD)
	15A	37	38	15A		SPARE
	15A	39	40	15A		
	15A	41	42	15A		

PANEL IDENT: EB3	SERVICE: 208Y/120V, 3ø, 4W		NOTES:			
	MAIN CTT. BRK:	225 AMPS SURFACE	*** LOCK ON BREAKER			
	MOUNTING:		LOCATION:			
LOAD DESCRIPTION	WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
LIGHTING – LOBBY ELEVATORS	15A	1	2	15A		EXIT SIGNS – (Ø1) ***
LIGHTING – ELEC RM	15A	3	4	15A		EXIT SIGNS – (ØØ–3Ø) ***
LIGHTING – LOCKER RM	15A	5	6	15A		LIGHTING – STAR C (P1–3Ø)
LGT. – GARBAGE RM (P1)	15A	7	8	15A		LIGHTING – STAR D (P1–3Ø)
LGT. – SERVICE ROOM (P1)	15A	9	10	15A		LIGHTING – ØRD FLOOR LOBBY
LIGHTING – ELEVATOR PIT	15A	11	12	15A		LIGHTING – 3ØRD FLOOR LOCKER
RECEPTACLES – ELEVATOR PIT	15A	13	14	15A		LIGHTING – CORRIDOR (ØØ)
AUTO DOOR OPENERS	15A	15	16	15A		LIGHTING – CORRIDOR (ØØ)
AUTO DOOR OPENERS	15A	17	18	15A		LIGHTING – TOP OF ELEVATOR SHAFT
ENTERPHONE	15A	19	20	15A		REC – TOP OF ELEVATOR SHAFT
LIGHTING – GARBAGE CHUTE	15A	21	22	15A		M/D FROM AIR SHFT TO CORRIDOR
AUTO DOOR OPENERS	15A	23	24	15A		SPARE
SPARE	15A	25	26	15A		
	15A	27	28	15A		
	15A	29	30	15A		
	15A	31	32	15A		
	15A	33	34			SPACE
	15A	35	36			
	15A	37	38			
	15A	39	40			
	15A	41	42			

PANEL IDENTIF:	M2	SERVICE: 208Y/120V, 3ø, 4W MAIN CTT. BRK: MANS: 400 AMPS SURFACE MOUNTING:			NOTES: *** LOCK ON BREAKER LOCATION:		
		LOAD DESCRIPTION	WATTS	BRK	CIRCUITS	BRK	WATTS
EX. FAN F-20 (LOCKER RM-P1)		15A	1	2	20A		SPLITTER SYSTEM CONDENSING UNIT (P1)
EX. FAN F-13 (SUB ELEC RM-B-P1)		25A	3	4	2P		
EX. FAN F-XX (SUB ELEC RM-C-P1)		20A	5	6	25A		SPLITTER SYSTEM CONDENSING UNIT (P1)
EX. FAN F-17 (B.W.H. RM-P1)		15A	7	8	2P		
EX. FAN F-10 (GARBAGE RM-P1)		20A	9	10	20A		SPLITTER SYSTEM BLOWER & COIL (P1)
EX. FAN F-19 (STORAGE RM-P1)		15A	11	12	2P		
EX. FAN F-17 (B.W.H. RM-P1)		15A	13	14	15A		SPLITTER SYSTEM BLOWER & COIL (P1)
EX. FAN F-16 (GARBAGE RM-P1)		15A	15	16	2P		
H-2 BRW ELECTRIC HEATER		50A	17	18	20A		SPLITTER SYSTEM CONDENSING UNIT (P1)
		2P	19	20	2P		
H-2 BRW ELECTRIC HEATER		50A	21	22	25A		SPLITTER SYSTEM CONDENSING UNIT (P1)
		2P	23	24	2P		
EX. FAN F-9 (STORAGE RM-3Ø FL)		15A	25	26	20A		SPLITTER SYSTEM BLOWER & COIL (P1)
EX. FAN F-9 (STORAGE RM-3Ø FL)		15A	27	28	2P		
HWT-4 (WASH RM-3Ø FL)		15A	29	30	15A		SPLITTER SYSTEM BLOWER & COIL (P1)
HWT-4 (WASH RM-3Ø FL)		15A	31	32	2P		
HWT-4 (WASH RM-3Ø FL)		15A	33	34	25A		ELEVATOR SLUMP PUMP
EX. FAN F-19 (LOCKER RM-P1)		15A	35	36	25A		ELEVATOR SLUMP PUMP
SPARE		15A	37	38	15A		SPARE
		15A	39	40	15A		
		15A	41	42	15A		
		15A	43	44	15A		
		15A	45	46	15A		
		15A	47	48	15A		
		15A	49	50	15A		
		15A	51	52	15A		
		15A	53	54	15A		
		15A	55	56	15A		
		15A	57	58	15A		
		15A	59	60	15A		

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

PANEL IDENTIF: B2	SERVICE: MAIN CTT. BRK: 208Y/120V, 3ø, 4W MANS: 400 AMPS SURFACE MOUNTING:	NOTES: 60 CIRCUITS LOCATION:				
LOAD DESCRIPTION	WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
LIGHTING – MECH. RM. (P1)	15A	1	2	15A		RECEPTACLES – STAR H (P1–3Ø)
LIGHTING – GARBAGE RM. (P1)	15A	3	4	15A		RECEPTACLES – STAR H (P1–3Ø)
REC – SUB ELEC RM (P1)	15A	5	6	15A		RECEPTACLES – CORRIDOR (ØØ–3Ø)
REC – LOBBY (P1)	15A	7	8	15A		RECEPTACLES – CORRIDOR (ØØ–3Ø)
REC – GARBAGE RM. (P1)	15A	9	10	15A		RECEPTACLES – CORRIDOR (ØØ–3Ø)
REC – MECH ROOM (P1)	15A	11	12	15A		RECEPTACLES – ROOF LEVEL
REC – TELECOM RM (P1)	15A	13	14	15A		RECEPTACLES – ROOF LEVEL
REC – TELECOM RM (P1)	15A	15	16	15A		SECURITY PANEL
REC – ELEVATOR CONTROL RM (P1)	15A	17	18	100A		SPARE
TRISORTOR CONTROL PANEL	20A	19	20	2P		
H-1 12KW ELECTRIC HEATER	80A	21	22	30A		4.8 KW ELECTRIC FORCE HEATER H-3
	2P	23	24	2P		4.8 KW ELECTRIC FORCE HEATER H-3
H-1 12KW ELECTRIC HEATER	80A	25	26	30A		SPARE
	2P	27	28	2P		SPARE
1.0KW BASEBOARD HEATER	15A	29	30	30A		SPARE
1.0KW BASEBOARD HEATER	15A	31	32	2P		
REC – TELECOM	15A	33	34	15A		SMART BOX FOR DELIVERIES
REC – TELECOM	15A	35	36	15A		RECEPTACLES – CORRIDOR (ØØ–3Ø)
CO CONTROL PANEL	15A	37	38	15A		SPARE
SECURITY CONTROL PANEL	15A	39	40	15A		SPARE
LIGHTING – LOCKER (2ND–3Ø)	15A	41	42	15A		SPARE

PANEL IDENTIF: EB1	SERVICE: MAIN CTT. BRK: 208Y/120V, 3ø, 4W MANS: 225 AMPS SURFACE MOUNTING:		NOTES: *** LOCK ON BREAKER LOCATION:		
	LOAD DESCRIPTION		LOAD DESCRIPTION		
	WATTS	BRK	CIRCUITS	BRK	WATTS
LIGHTING – LOBBY ELEVATORS	15A	1	1	15A	EXIT SIGNS – (Ø1) ***
LIGHTING – LOCKER RM	15A	3	4	15A	EXIT SIGNS – (ØØ–3Ø) ***
LIGHTING – LOCKER RM	15A	5	6	15A	LIGHTING – STAR A (P1–3Ø)
LGT. – GARBAGE RM (P1)	15A	7	8	15A	LIGHTING – STAR B (P1–3Ø)
LIGHTING – SUB ELEC RM D	15A	9	10	15A	LIGHTING – ØRD FLOOR LOBBY
SPARE	15A	11	12	15A	LIGHTING – 3Ø FLOOR LOCKER
LIGHTING – ELEVATOR PIT	15A	13	14	15A	LIGHTING – 3Ø FLOOR CORRIDOR
RECEPTACLES – ELEVATOR PIT	15A	15	16	15A	LIGHTING – 3Ø FLOOR CORRIDOR
RECEPTACLES BATTERY CHARGE	15A	17	18	15A	LIGHTING – TOP OF ELEVATOR SHAFT
GENERATOR BLOCK HEATER	20A	19	20	15A	REC – TOP OF ELEVATOR SHAFT
	2P	21	22	15A	AUTO DOOR OPENERS
AUTO DOOR OPENERS	15A	23	24	15A	AUTO DOOR OPENERS
AUTO DOOR OPENERS	15A	25	26	15A	LIGHTING – ØRD FLOOR CORRIDOR
ENTERPHONE	15A	27	28	15A	LIGHTING – ØRD FLOOR CORRIDOR
LIGHTING – GARBAGE CHUTE	15A	29	30	15A	AUTO DOOR OPENERS
SPARE	15A	31	32	15A	M/D FROM AIR SHFT TO CORRIDOR
	15A	33	34	15A	SPARE
	15A	35	36	15A	
	15A	37	38	15A	
	15A	39	40	15A	
	15A	41	42	15A	

PANEL IDENT:	EB4	SERVICE: MAIN CTT. BRK: MANS: 225 AMPS SURFACE MOUNTING:	208Y/120V, 3ø, 4W	NOTES: *** LOCK ON BREAKER LOCATION:			
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
LIGHTING – LOBBY ELEVATORS		15A	1	2	15A		EXIT SIGNS – (Ø1) ***
LGT. – ELEC RM (P1)		15A	3	4	15A		EXIT SIGNS – (ØØ–3Ø) ***
LGT. – GARBAGE RM (P1)		15A	5	6	15A		LIGHTING – STAR E (P1–3Ø)
LGT. – SERVICE ROOM (P1)		15A	7	8	15A		LIGHTING – STAR F (P1–3Ø)
LIGHTING – ELEVATOR PIT		15A	9	10	15A		LIGHTING – ØRD FLOOR LOBBY
RECEPTACLES – ELEVATOR PIT		15A	11	12	15A		LIGHTING – 3ØRD FLOOR LOCKER
AUTO DOOR OPENERS		15A	13	14	15A		LIGHTING – CORRIDOR (ØØ)
AUTO DOOR OPENERS		15A	15	16	15A		LIGHTING – CORRIDOR (ØØ)
ENTERPHONE		15A	17	18	15A		LIGHTING – TOP OF ELEVATOR SHAFT
LIGHTING – GARBAGE CHUTE		15A	19	20	15A		REC. – TOP OF ELEVATOR SHAFT
LGT. – PUBLIC RM (2NØ)		15A	21	22	15A		LIGHTING – CORRIDOR (2NØ)
SPARE		15A	23	24	15A		LIGHTING – CORRIDOR (2NØ)
		15A	25	26	15A		LIGHTING – CORRIDOR (3Ø)
		15A	27	28	15A		LIGHTING – CORRIDOR (3Ø)
		15A	29	30	15A		M/D FROM AP. SHFT TO CORRIDOR
		15A	31	32	15A		SPARE
		15A	33	34	15A		
		15A	35	36	15A		
		15A	37	38	15A		
		15A	39	40	15A		
		15A	41	42	15A		