

CLIENT

CITY OF TORONTO

Toronto

Corporate Real Estate Management  
Project Management Office  
Metro Hall Toronto, ON  
M5V 3C6

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Arcadis Professional Services (Canada) Inc.

ISSUES

No.	DESCRIPTION	DATE
A	PERMIT	2025-08-11
B	TENDER	2025-09-02
C	ADDENDUM 4	2025-09-25

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PRIME CONSULTANT

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Toronto, ON M9W 0C9, Canada  
tel 416 679 1930  
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO

ACCESSIBILITY UPGRADES

PROJECT ADDRESS

50 RICHMOND ST. E.

RENOVATIONS

50 RICHMOND STREET EAST  
TORONTO, ONTARIO

PROJECT NO:

9119-19-0162 / 30286113

DRAWN BY:

M.BOJIC

CHECKED BY:

F. RASTI

PROJECT MGR:

F. BOULORIAN

APPROVED BY:

F. RASTI

SHEET TITLE

ELECTRICAL SINGLE

LINE DIAGRAM

SHEET NUMBER

E2000

ISSUE

C

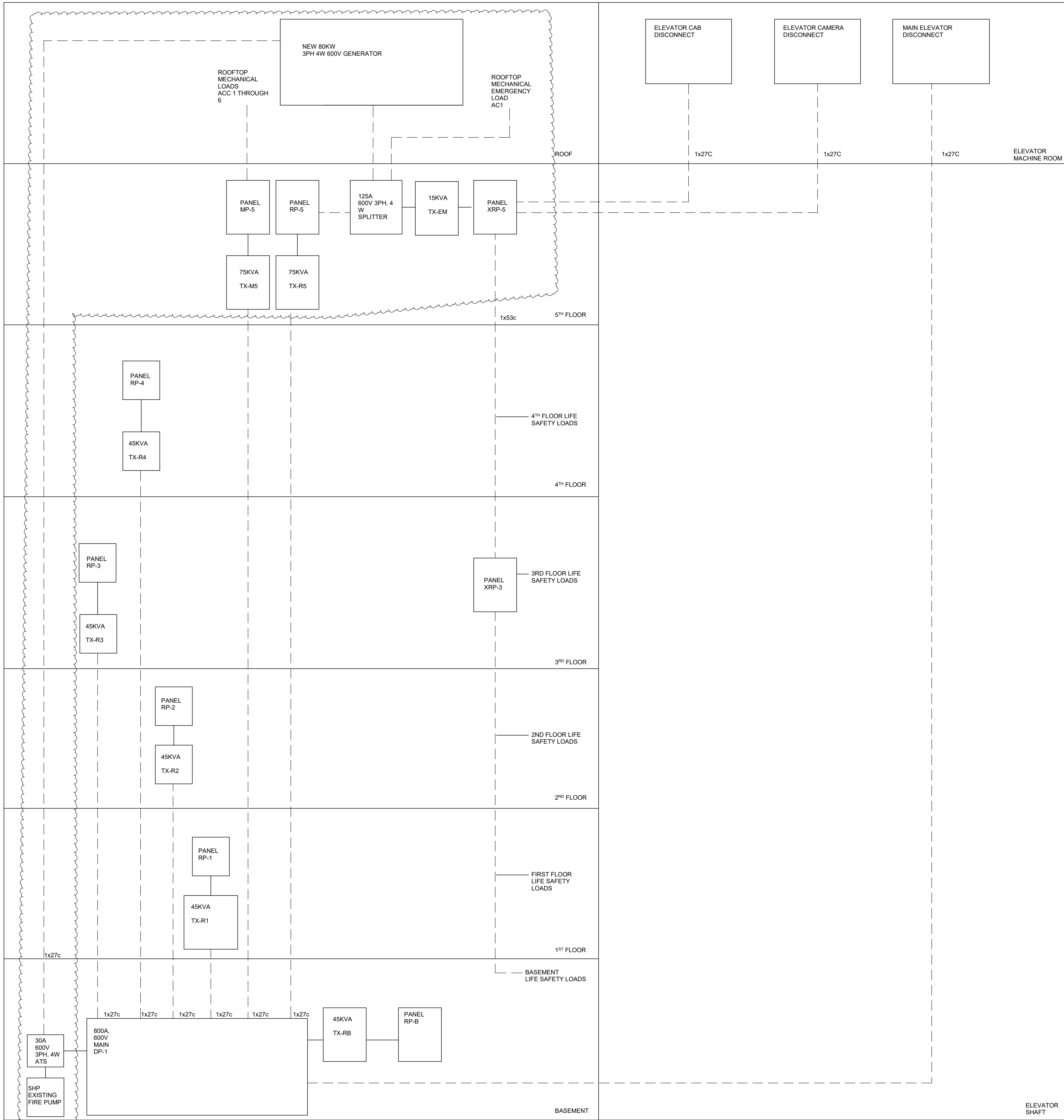
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2025-09-25 3:52:16 PM

1  
E2001

ELECTRICAL POWER DISTRIBUTION RISER DIAGRAM

Scale: 1 : 1



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A	75% SUBMISSION	2025-03-21
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PROJECT ADDRESS  
**50 RICHMOND ST. E.  
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50 RICHMOND STREET EAST  
TORONTO, ONTARIO**

PROJECT NO:  
9119-19-0162 / 30286113

DRAWN BY:  
**M.BOJIC**

CHECKED BY:  
**F. RASTI**

PROJECT MGR:  
**F. BOULORIAN**

APPROVED BY:  
**F. RASTI**

SHEET TITLE  
**ELECTRICAL POWER  
DISTRIBUTION RISER**

SHEET NUMBER  
**E2001**

ISSUE  
**D**

Autodesk Docs//122260 - Cot TAU Upgrades R2024122260-TAU-33-50-Richmond-E-R24.rvt

10mm

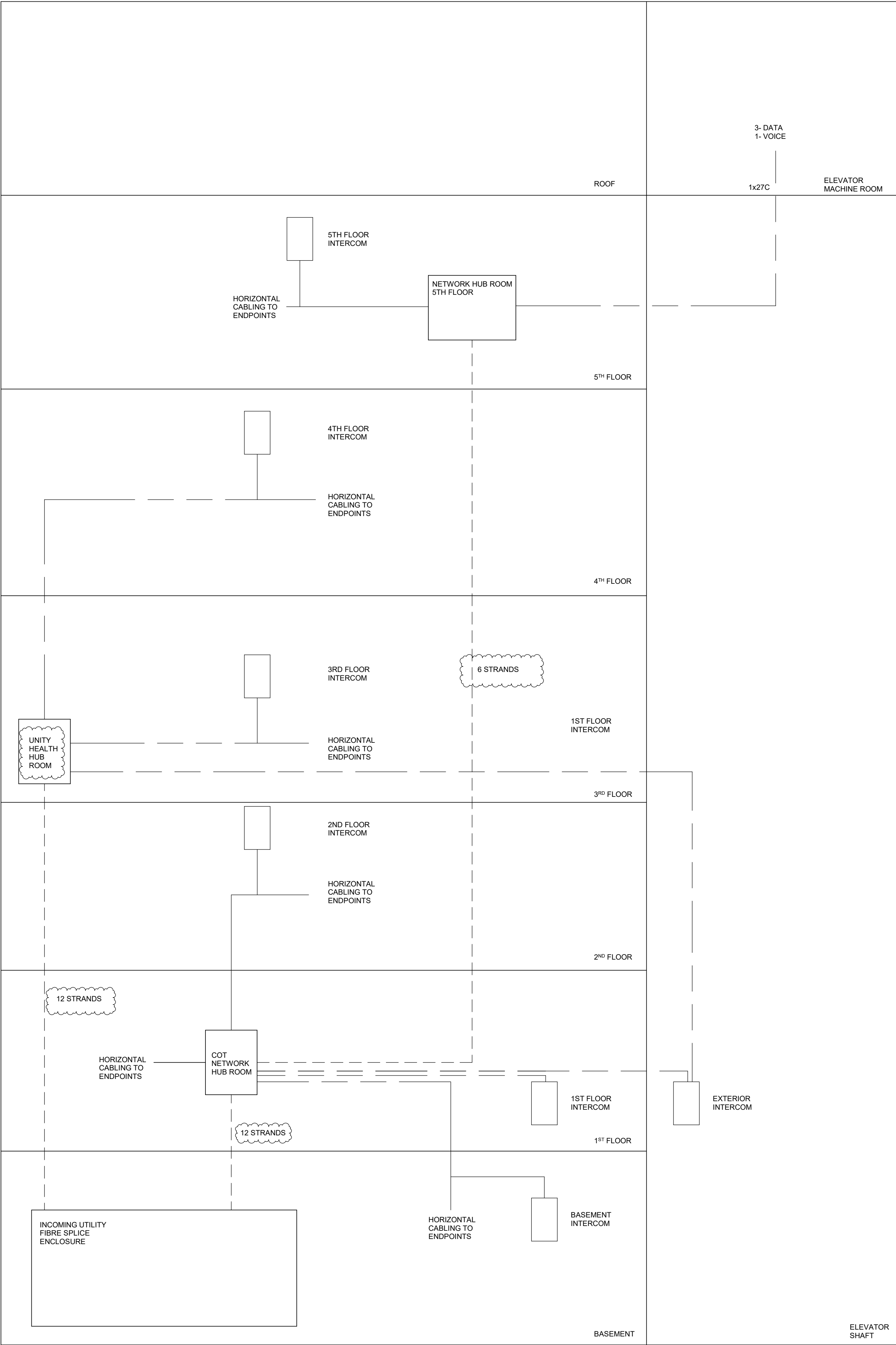
SCALE CHECK  
1 m

2025-09-25 3:52:16 PM

1  
E2002

STRUCTURED CABLING DISTRIBUTION RISER DIAGRAM

Scale: 1 : 1



NOTES:

1. PROVIDE EQUIPMENT AND CABLING TO SUIT SYSTEM AS DEPICTED. PROVIDE ALL ACCESSORIES AND CONNECTORS TO FACILITATE CONNECTION AT ENDPOINTS AND NETWORK SWITCHESPATCH PANELS.
2. INTERCOMS SHOWN ARE FIXED WALL TERMINAL UNITS, IN ADDITION TO THESE, DESK MOUNTED UNITS TO BE CONNECTED AND PROGRAMMED TO INTERCOM IP SYSTEM.

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PROJECT NO:

9119-19-0162 / 30286113

DRAWN BY:

**M.BOJIC**

CHECKED BY:

**F. RASTI**

PROJECT MGR:

**F. BOULORIAN**

APPROVED BY:

**F. RASTI**

SHEET TITLE

**STRUCTURED CABLING  
DISTRIBUTION RISER**

SHEET NUMBER

**E2002**

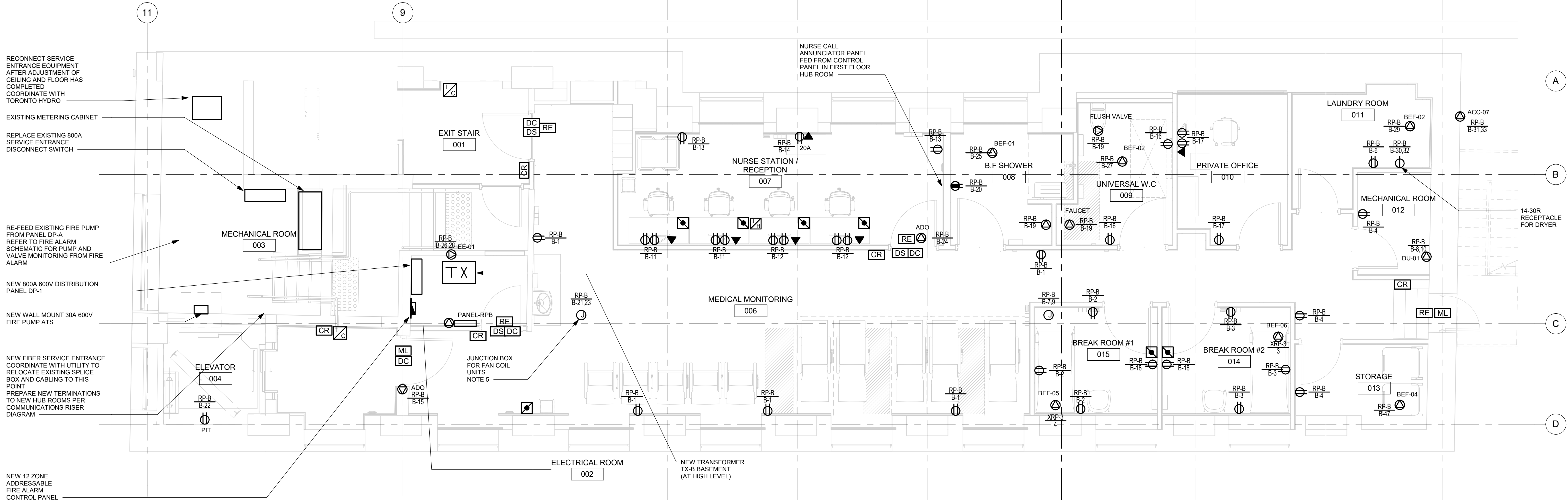
ISSUE

**D**

Autodesk Docs/122260 - Cot TAU Upgrades R2024122260-TAU-33-50-Richmond-E-R24.rvt

10mm

SCALE CHECK  
1 m



1 POWER AND SYSTEMS PLAN - BASEMENT  
E2100 Scale: 1 : 50

- NOTES:
1. PROVIDE NEW 800A MAIN BREAKER, 600V POWER DISTRIBUTION PANEL AND RE-FEED ALL EXISTING 600V LOADS FROM THIS NEW PANEL THAT WERE PREVIOUSLY FED FROM THE EXISTING SPLITTER SYSTEM
  2. PROVIDE AUTOMATIC DOOR OPERATOR AS SHOWN ON PLAN. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF PUSH BUTTONS. PROVIDE ROUGH IN AND CABLING FROM DOOR OPERATOR TO PUSH BUTTONS.
  3. ALL ACCESS CONTROL DEVICES ON THIS FLOOR TO BE CONTROLLED BY PANEL LOCATED IN HUB ROOM ON 1ST FLOOR
  4. CONNECT ALL DURESS BUTTONS TO SECURITY SYSTEM. SEE PLAN FOR BUTTON LOCATIONS.
  5. JUNCTION BOX WITH CIRCUIT SHOWN FOR FAN COIL UNITS IN CEILING. REFER TO MECHANICAL PLAN FOR LOCATIONS. GROUP FAN COIL UNITS MAXIMUM 5 PER CIRCUIT. TOTAL OF 9 FAN COIL UNITS ON THIS FLOOR.
  6. INTERLOCK WASHROOM EXHAUST FAN WITH LIGHTING OCCUPANCY SENSOR IN WASHROOMS.
  7. PROVIDE SECURITY DEVICES AS SHOWN ON PLAN. CONNECT TO SECURITY ACCESS CONTROL PANEL AS INDICATED ON RISER DIAGRAM
  8. PROVIDE IP INTERCOM DEVICES AND CABLING AS SHOWN ON PLAN. INTERCOM CABLING TO GO TO NEAREST HUB ROOM PATCH PANEL. PROGRAM INTERCOM SYSTEM PER SEQUENCE OF OPERATION ON INTERCOM SCHEMATIC DRAWING.
  9. PROVIDE NURSE CALL SYSTEM FOR EACH BREAK ROOM. WIRED BACK TO ANNUNCIATION PANEL IN TEAM STATION ROOM 007. PROVIDE NURSE CALL INDICATOR LIGHT MOUNTED ABOVE EACH BREAK ROOM DOOR AND NURSE CALL BUTTON IN EACH ROOM.
  10. ALL DEVICES/COVER PLATES/SWITCHES WITHIN ALL BREAK ROOMS, ROOM 008, 009 ARE TO BE RATED FOR ANTI LIGATURE
  11. ALL WASHROOM EMERGENCY CALL SYSTEM ALARM SIGNALS ARE TO HAVE AN ADDITIONAL SET OF WIRES TO BUILDING SECURITY SYSTEM AND TO NURSE CALL SYSTEM AND TO BE PROGRAMMED AS AN ALARM POINT.

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A	50% SUBMISSION	2024-10-31
B	75% SUBMISSION	2025-03-21
C	PERMIT	2025-08-11
D	TENDER	2025-09-02
E	ADDENDUM 4	2025-09-25

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PROJECT ADDRESS

50 RICHMOND ST. E.  
RENOVATIONS  
50 RICHMOND STREET EAST  
TORONTO, ONTARIO

PROJECT NO:  
9119-19-0162 / 30286113

DRAWN BY:  
M.BOJIC

CHECKED BY:  
F. RASTI

PROJECT MGR:  
F. BOULORIAN

APPROVED BY:  
F. RASTI

SHEET TITLE

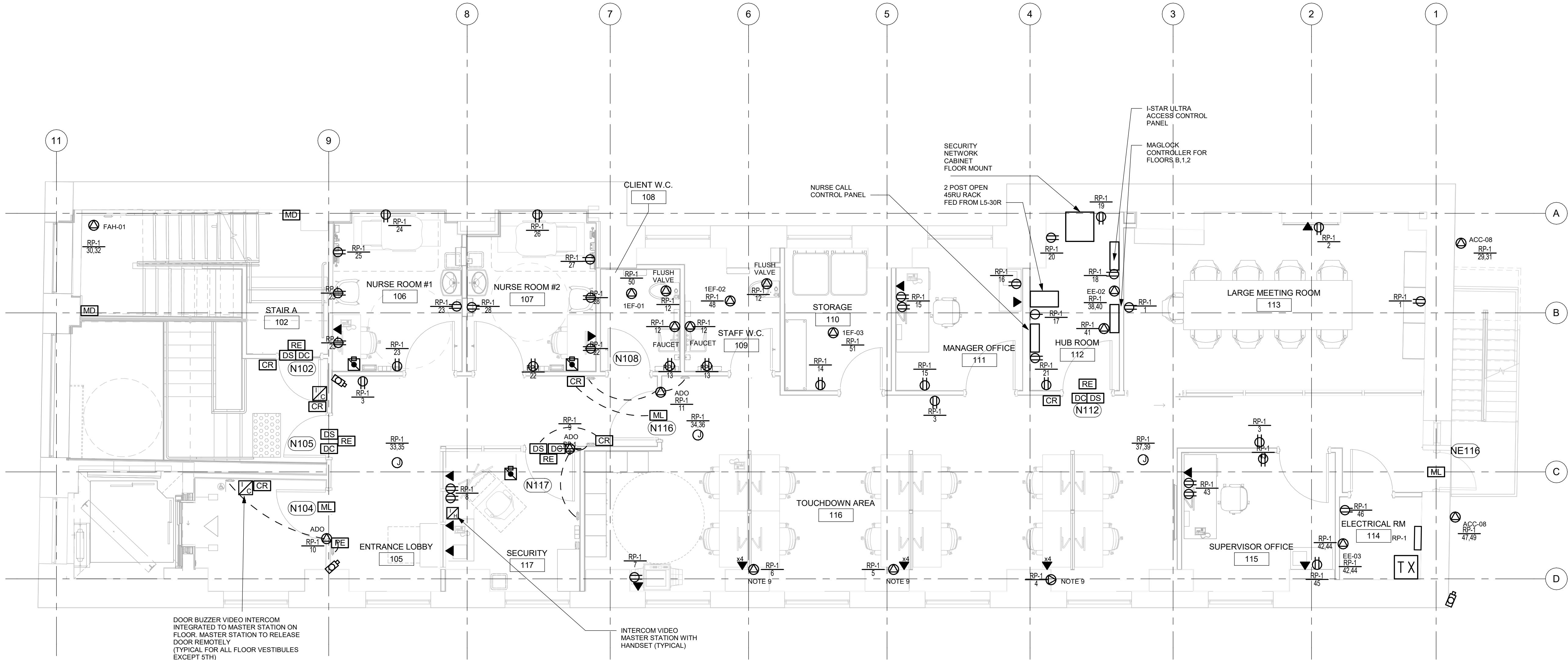
POWER & SYSTEMS  
PLAN BASEMENT

SHEET NUMBER

E2100

ISSUE

E



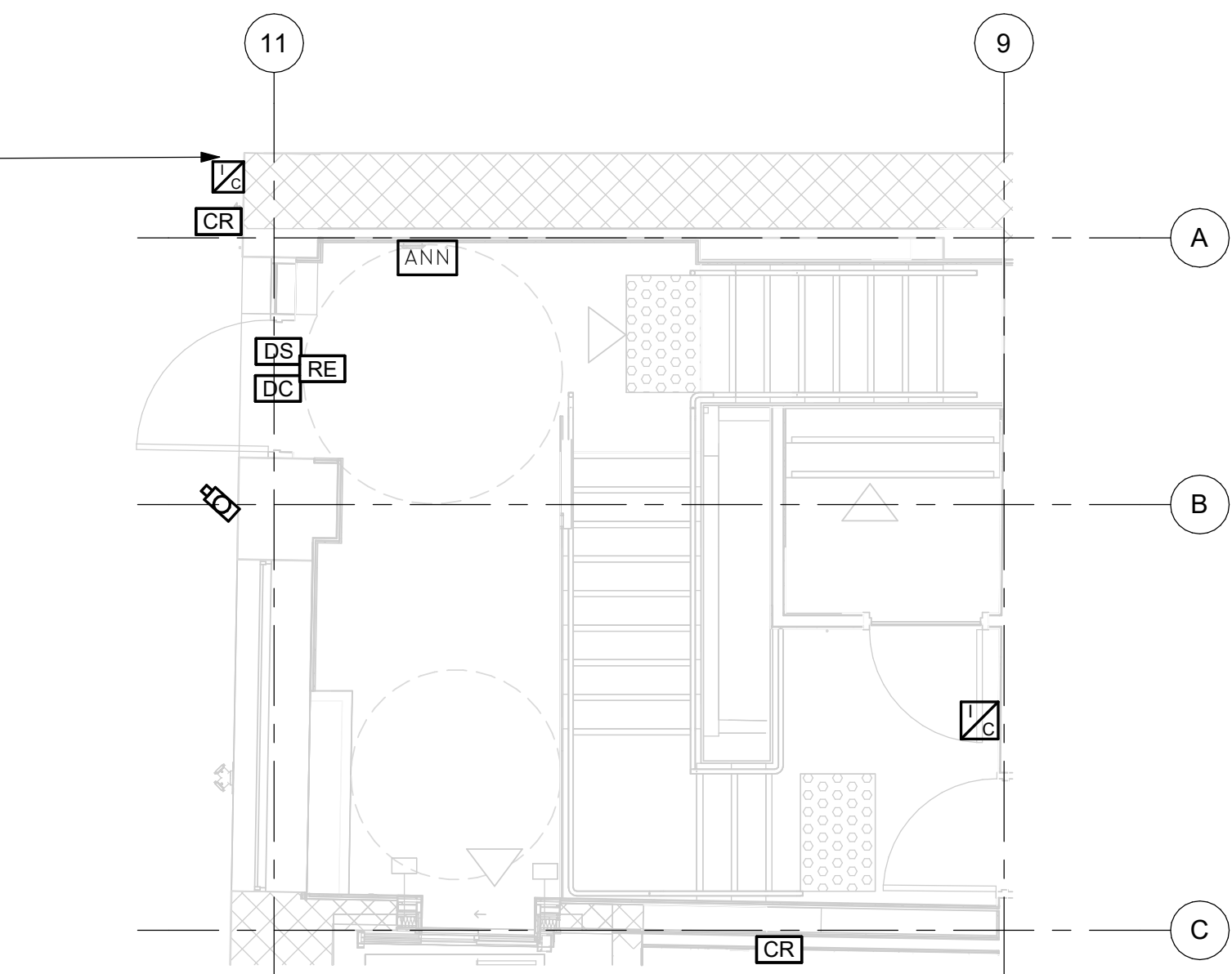
1 FIRST FLOOR PROPOSED

E2101 Scale: 1 : 50

NOTES:

1. PROVIDE AUTOMATIC DOOR OPERATOR AS SHOWN ON PLAN. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF PUSH BUTTONS. PROVIDE ROUGH IN AND CABLING FROM DOOR OPERATOR TO PUSH BUTTONS.
2. PROVIDE ALL CONNECTIONS FROM DURESS ALARMS SHOWN TO SECURITY SYSTEM.
3. JUNCTION BOX WITH CIRCUIT SHOWN FOR FAN COIL UNITS IN CEILING. REFER TO MECHANICAL PLAN FOR LOCATIONS. GROUP FAN COIL UNITS MAXIMUM 5 PER CIRCUIT. TOTAL OF 12 FAN COILS ON THIS FLOOR.
4. ALL ACCESS CONTROL DEVICES ON THIS FLOOR TO BE CONTROLLED BY PANEL LOCATED IN HUB ROOM ON 1ST FLOOR.
5. PROVIDE NURSE CALL SYSTEM CONTROLLER FOR NURSE CALL DEVICES IN BASEMENT. CONNECT NURSE CALL TO UNITY NETWORK VIA CAT6 CABLE, AND TO ANNUNCIATOR PANEL. PROVIDE ALARM CONNECTION TO SECURITY SYSTEM WITH APPROPRIATE CODE. CONNECT ALL PERIPHERAL DEVICES BACK TO CONTROLLER.
6. PROVIDE POWER DISTRIBUTION EQUIPMENT AS SHOWN ON PLAN. REFER TO SINGLE LINE DIAGRAM AND RISER DIAGRAM FOR MORE DETAIL.
7. PROVIDE MAGNETIC LOCKS, CONTROL PANEL VIA GFCI BREAKER, MAG LOCK CONTROLLER TO BE WIRED TO SECURITY ACCESS CONTROL PANEL. MAGLOCKS POWERED VIA 1ST FLOOR MAGLOCK CONTROLLER.
8. ALL EMERGENCY CALL SYSTEM ALARM SIGNALS ARE TO HAVE AN ADDITIONAL SET OF WIRES TO BUILDING SECURITY SYSTEM TO BE PROGRAMMED AS AN ALARM POINT.
9. FURNITURE WHIP TO CONNECT TO SPINE OF DESKS TO FEED THROUGH CABLES TO RECEPTACLES THROUGHOUT SPINE. RECEPTACLES ON SPINE PROVIDED BY FURNITURE VENDOR. DATA PATCH CORDS TO BE FED FROM WALL JACK THROUGH SPINE RACEWAY TO DESKS.
10. ALL EXPOSED SURFACE CONDUIT PAINTING TO BE COORDINATED WITH PAINTING SCHEDULE. INFORM CONSULTANT PRIOR TO PAINTING CONDUITS TO CONFIRM FINISH.

INTERCOM TERMINAL  
INTERFACE TO CALL  
EACH FLOOR  
MASTER STATION  
VIA PUSHBUTTON  
SELECTION  
  
SURFACE MOUNT  
AIPHONE IX-DVF-6  
CIW SURFACE MOUNT  
KIT AND BOX



2 GRADE LEVEL LOBBY

E2101 Scale: 1 : 50

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D	ADDENDUM 4	2025-09-25

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**CITY OF TORONTO  
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PROJECT ADDRESS  
**50 RICHMOND ST. E.  
RENOVATIONS  
50 RICHMOND STREET EAST  
TORONTO, ONTARIO**

PROJECT NO:  
9119-19-0162 / 30286113

DRAWN BY:  
**M. BOJIC**

CHECKED BY:  
**F. RASTI**

PROJECT MGR:  
**F. BOULORIAN**

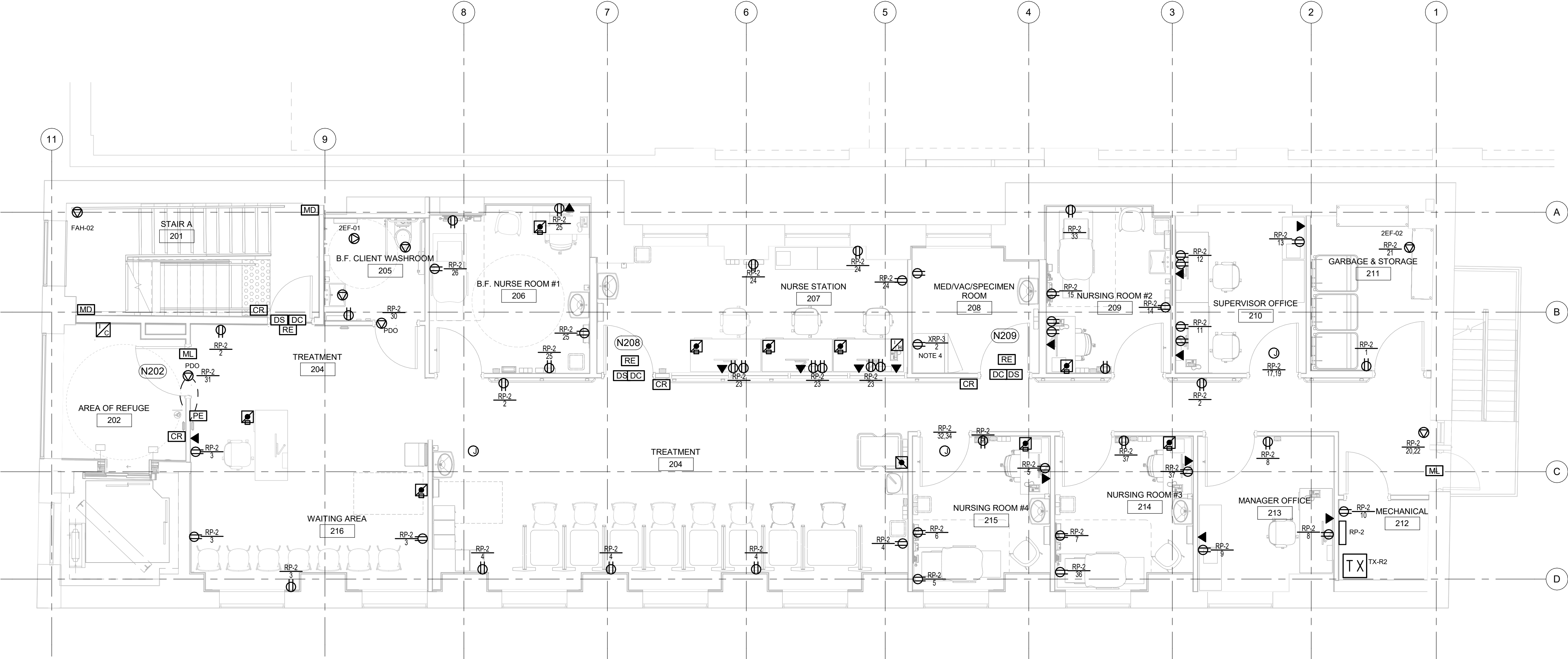
APPROVED BY:  
**F. RASTI**

SHEET TITLE  
**POWER & SYSTEMS  
PLAN LOBBY & 1ST  
FLOOR**

SHEET NUMBER  
**E2101**

ISSUE  
**D**





1 SECOND FLOOR PROPOSED  
E2102 Scale: 1 : 50

- NOTES:
1. PROVIDE AUTOMATIC DOOR OPERATOR AS SHOWN ON PLAN. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF PUSH BUTTONS. PROVIDE ROUGH IN AND CABLING FROM DOOR OPERATOR TO PUSH BUTTONS.
  2. PROVIDE ALARM CONTACT CABLING FROM FRIDGE TO SECURITY SYSTEM
  3. PROVIDE SECURITY DEVICES AS SHOWN ON PLAN. CONNECT TO SECURITY ACCESS CONTROL PANEL AS INDICATED ON RISER DIAGRAM
  4. PROVIDE IP INTERCOM DEVICES AND CABLING AS SHOWN ON PLAN. INTERCOM CABLING TO GO TO NEAREST HUB ROOM PATCH PANEL. PROGRAM INTERCOM SYSTEM PER SEQUENCE OF OPERATION ON INTERCOM SCHEMATIC DRAWING.
  5. PROVIDE POWER DISTRIBUTION EQUIPMENT AS SHOWN ON PLAN. REFER TO SINGLE LINE DIAGRAM AND RISER DIAGRAM FOR MORE DETAIL.
  6. PROVIDE MAGNETIC LOCKS. CONTROL PANEL VIA GFCI BREAKER, MAG LOCK CONTROLLER TO BE WIRED TO SECURITY ACCESS CONTROL PANEL.
  7. ALL EMERGENCY CALL SYSTEM ALARM SIGNALS ARE TO HAVE AN ADDITIONAL SET OF WIRES TO BUILDING SECURITY SYSTEM TO BE PROGRAMMED AS AN ALARM POINT.
  8. ALL EXPOSED SURFACE CONDUIT PAINTING TO BE COORDINATED WITH PAINTING SCHEDULE. INFORM CONSULTANT PRIOR TO PAINTING CONDUITS TO CONFIRM FINISH.
  9. JUNCTION BOX WITH CIRCUIT SHOWN FOR FAN COIL UNITS IN CEILING. REFER TO MECHANICAL PLAN FOR LOCATIONS. GROUP FAN COIL UNITS MAXIMUM 6 PER CIRCUIT. TOTAL OF 14 FAN COIL UNITS ON THIS FLOOR.

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**50 RICHMOND ST. E.  
RENOVATIONS  
50 RICHMOND STREET EAST  
TORONTO, ONTARIO**

PROJECT NO:  
9119-19-0162 / 30286113

DRAWN BY:  
**M. BOJIC**

CHECKED BY:  
**F. RASTI**

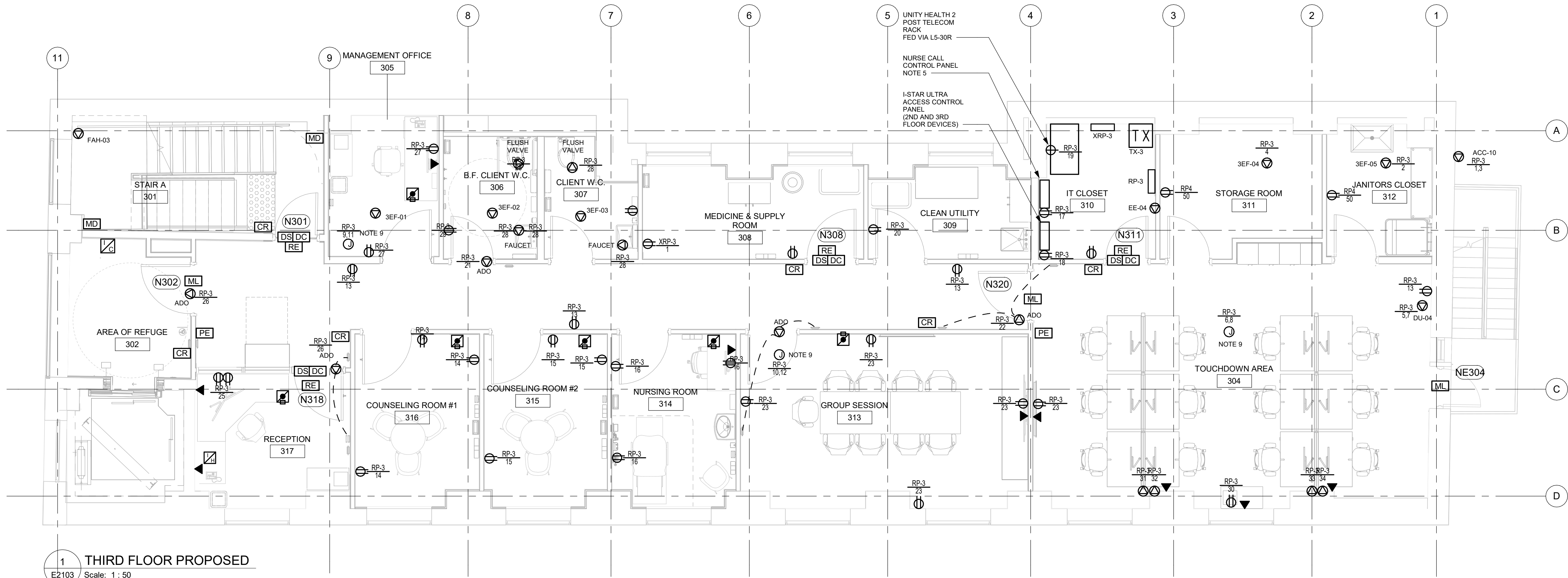
PROJECT MGR:  
**F. BOULORIAN**

APPROVED BY:  
**F. RASTI**

SHEET TITLE  
**POWER & SYSTEMS  
PLAN 2ND FLOOR**

SHEET NUMBER  
**E2102**

ISSUE  
**D**



1 THIRD FLOOR PROPOSED  
E2103 Scale: 1 : 50

NOTES:

1. PROVIDE AUTOMATIC DOOR OPERATOR AS SHOWN ON PLAN. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF PUSH BUTTONS. PROVIDE ROUGH IN AND CABLING FROM DOOR OPERATOR TO PUSH BUTTONS.
2. PROVIDE ALARM CONTACT CABLING FROM MEDICAL FRIDGE TO SECURITY SYSTEM
3. PROVIDE SECURITY DEVICES AS SHOWN ON PLAN. CONNECT TO SECURITY ACCESS CONTROL PANEL AS INDICATED ON RISER DIAGRAM
4. PROVIDE IP INTERCOM DEVICES AND CABLING AS SHOWN ON PLAN. INTERCOM CABLING TO GO TO NEAREST HUB ROOM PATCH PANEL. PROGRAM INTERCOM SYSTEM PER SEQUENCE OF OPERATION ON INTERCOM SCHEMATIC DRAWING.
5. PROVIDE NURSE CALL SYSTEM CONTROLLER FOR NURSE CALL DEVICES ON 4TH FLOOR. CONNECT NURSE CALL TO UNITY NETWORK VIA CAT6 CABLE. PROVIDE ALARM CONNECTION TO SECURITY SYSTEM WITH APPROPRIATE CODE.
6. PROVIDE POWER DISTRIBUTION EQUIPMENT AS SHOWN ON PLAN. REFER TO SINGLE LINE DIAGRAM AND RISER DIAGRAM FOR MORE DETAIL.
7. PROVIDE MAGNETIC LOCKS, CONTROL PANEL VIA GFCI BREAKER. MAG LOCK CONTROLLER TO BE WIRED TO SECURITY ACCESS CONTROL PANEL. MAGLOCKS POWERED VIA 4TH FLOOR MAGLOCK CONTROLLER.
8. ALL EMERGENCY CALL SYSTEM ALARM SIGNALS ARE TO HAVE AN ADDITIONAL SET OF WIRES TO BUILDING SECURITY SYSTEM TO BE PROGRAMMED AS AN ALARM POINT.
9. JUNCTION BOX WITH CIRCUIT SHOWN FOR FAN COIL UNITS IN CEILING. REFER TO MECHANICAL PLAN FOR LOCATIONS. GROUP FAN COIL UNITS MAXIMUM 5 PER CIRCUIT. TOTAL OF 9 FAN COIL UNITS ON THIS FLOOR.

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D	ADDENDUM 2	2025-09-11

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PROJECT NO:  
9119-19-0162 / 30286113

DRAWN BY: <b>M. BOJIC</b>	CHECKED BY: <b>F. RASTI</b>
PROJECT MGR: <b>F. BOULORIAN</b>	APPROVED BY: <b>F. RASTI</b>

SHEET TITLE  
**POWER & SYSTEMS  
PLAN 3RD FLOOR**

SHEET NUMBER <b>E2103</b>	ISSUE <b>D</b>
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DRAWN BY:  
**M. BOJIC**

CHECKED BY:  
**F. RASTI**

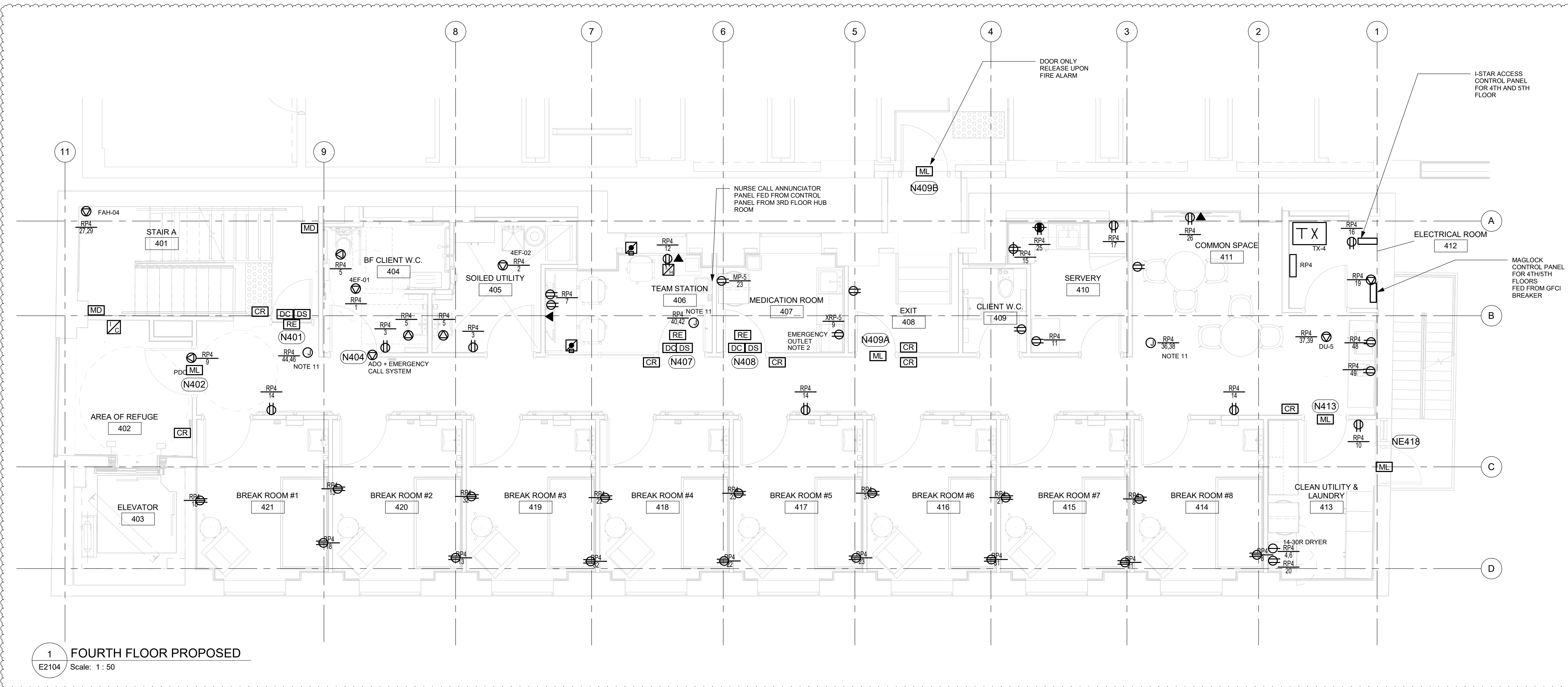
PROJECT MGR:  
**F. BOULORIAN**

APPROVED BY:  
**F. RASTI**

SHEET TITLE  
**POWER & SYSTEMS  
PLAN 4TH FLOOR**

SHEET NUMBER  
**E2104**

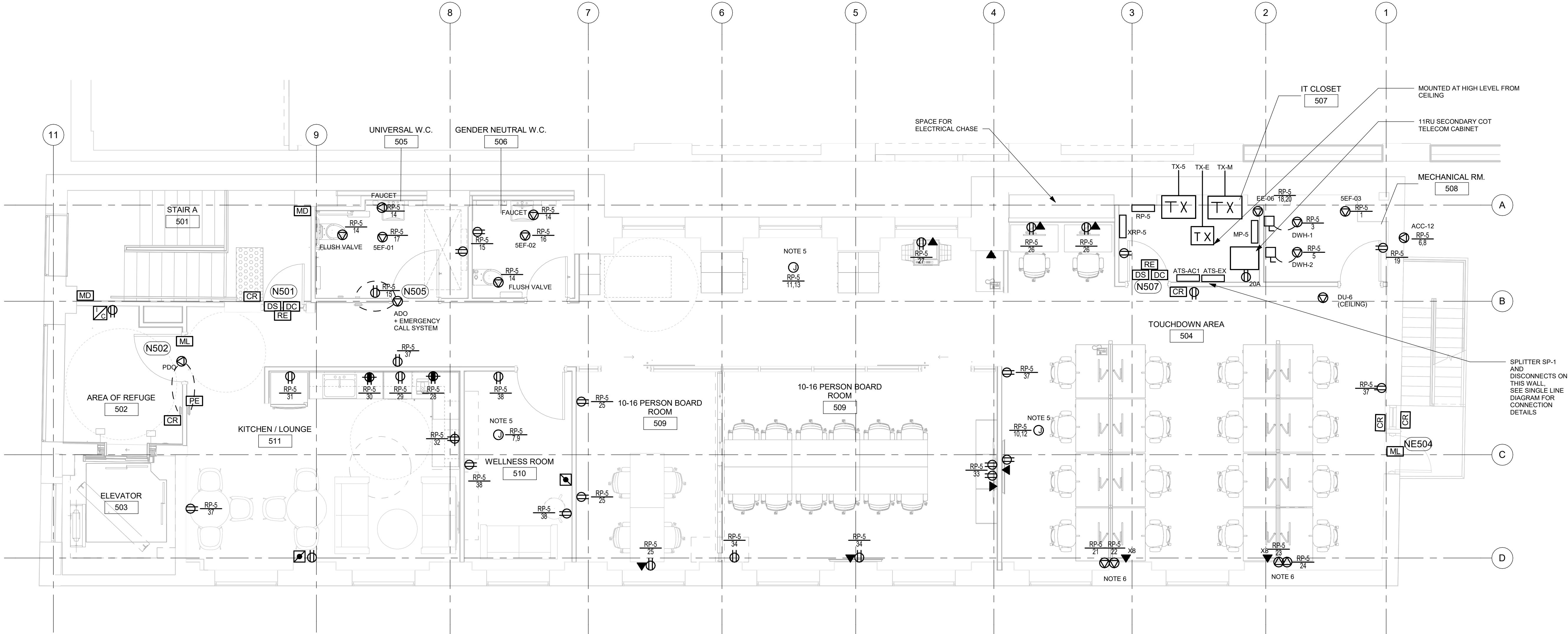
ISSUE  
**D**



NOTES:

1. PROVIDE AUTOMATIC DOOR OPERATOR AS SHOWN ON PLAN. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF PUSH BUTTONS. PROVIDE ROUGH IN AND CABLING FROM DOOR OPERATOR TO PUSH BUTTONS.
2. PROVIDE ALARM CONTACT CABLING FROM FRIDGE TO SECURITY SYSTEM
3. PROVIDE SECURITY DEVICES AS SHOWN ON PLAN. CONNECT TO SECURITY ACCESS CONTROL PANEL AS INDICATED ON RISER DIAGRAM
4. PROVIDE IP INTERCOM DEVICES AND CABLING AS SHOWN ON PLAN. INTERCOM CABLING TO GO TO NEAREST HUB ROOM PATCH PANEL. PROGRAM INTERCOM SYSTEM PER SEQUENCE OF OPERATION ON INTERCOM SCHEMATIC DRAWING.
5. PROVIDE NURSE CALL SYSTEM FOR EACH BREAK ROOM. WIRED BACK TO ANNUNCIATION PANEL IN TEAM STATION ROOM 406. PROVIDE NURSE CALL INDICATOR LIGHT MOUNTED ABOVE EACH DOOR AND NURSE CALL BUTTON IN EACH ROOM.
6. PROVIDE POWER DISTRIBUTION EQUIPMENT AS SHOWN ON PLAN. REFER TO SINGLE LINE DIAGRAM AND RISER DIAGRAM FOR MORE DETAIL.
7. PROVIDE MAGNETIC LOCKS. CONTROL PANEL VIA GFCI BREAKER. MAG LOCK CONTROLLER TO BE WIRED TO SECURITY ACCESS CONTROL PANEL.
8. ALL DEVICES/COVER PLATES/SWITCHES WITHIN ALL BREAK ROOMS, ROOM 404, 409 ARE TO BE RATED FOR ANTI LIGATURE
9. ALL EMERGENCY CALL SYSTEM ALARM SIGNALS ARE TO HAVE AN ADDITIONAL SET OF WIRES TO BUILDING SECURITY SYSTEM TO BE PROGRAMMED AS AN ALARM POINT.
10. ALL EXPOSED SURFACE CONDUIT PAINTING TO BE COORDINATED WITH PAINTING SCHEDULE. INFORM CONSULTANT PRIOR TO PAINTING CONDUITS TO CONFIRM FINISH.
11. JUNCTION BOX WITH CIRCUIT SHOWN FOR FAN COIL UNITS IN CEILING. REFER TO MECHANICAL PLAN FOR LOCATIONS. GROUP FAN COIL UNITS MAXIMUM 5 PER CIRCUIT. TOTAL OF 9 FAN COIL UNITS ON THIS FLOOR.





1 FIFTH FLOOR PROPOSED PLAN  
E2105 / Scale: 1 : 50

- NOTES:
1. PROVIDE AUTOMATIC DOOR OPERATOR AS SHOWN ON PLAN. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF PUSH BUTTONS. PROVIDE ROUGH IN AND CABLING FROM DOOR OPERATOR TO PUSH BUTTONS.
  2. ALL ACCESS CONTROL DEVICES ON THIS FLOOR TO BE CONTROLLED BY PANEL LOCATED IN HUB ROOM ON 4TH FLOOR
  3. CONNECT ALL DURESS BUTTONS TO SECURITY SYSTEM. SEE PLAN FOR BUTTON LOCATIONS.
  4. JUNCTION BOX WITH CIRCUIT SHOWN FOR FAN COIL UNITS IN CEILING. REFER TO MECHANICAL PLAN FOR LOCATIONS. GROUP FAN COIL UNITS MAXIMUM 5 PER CIRCUIT. TOTAL OF 12 FAN COIL UNITS ON THIS FLOOR.
  5. INTERLOCK WASHROOM EXHAUST FAN WITH LIGHTING OCCUPANCY SENSOR IN WASHROOMS.
  6. FURNITURE WHIP TO CONNECT TO SPINE OF DESKS TO FEED THROUGH CABLES TO RECEPTACLES THROUGHOUT SPINE. RECEPTACLES ON SPINE PROVIDED BY FURNITURE VENDOR. DATA PATCH CORDS TO BE FED FROM WALL JACK THROUGH SPINE RACEWAY TO DESKS.
  7. ALL EXPOSED SURFACE CONDUIT PAINTING TO BE COORDINATED WITH PAINTING SCHEDULE. INFORM CONSULTANT PRIOR TO PAINTING CONDUITS TO CONFIRM FINISH.

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ISSUES		
No.	DESCRIPTION	DATE
A	75% SUBMISSION	2025-03-21
B	PERMIT	2025-08-11
C	TENDER	2025-09-02
D	ADDENDUM 2	2025-09-11

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PROJECT TITLE  
**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

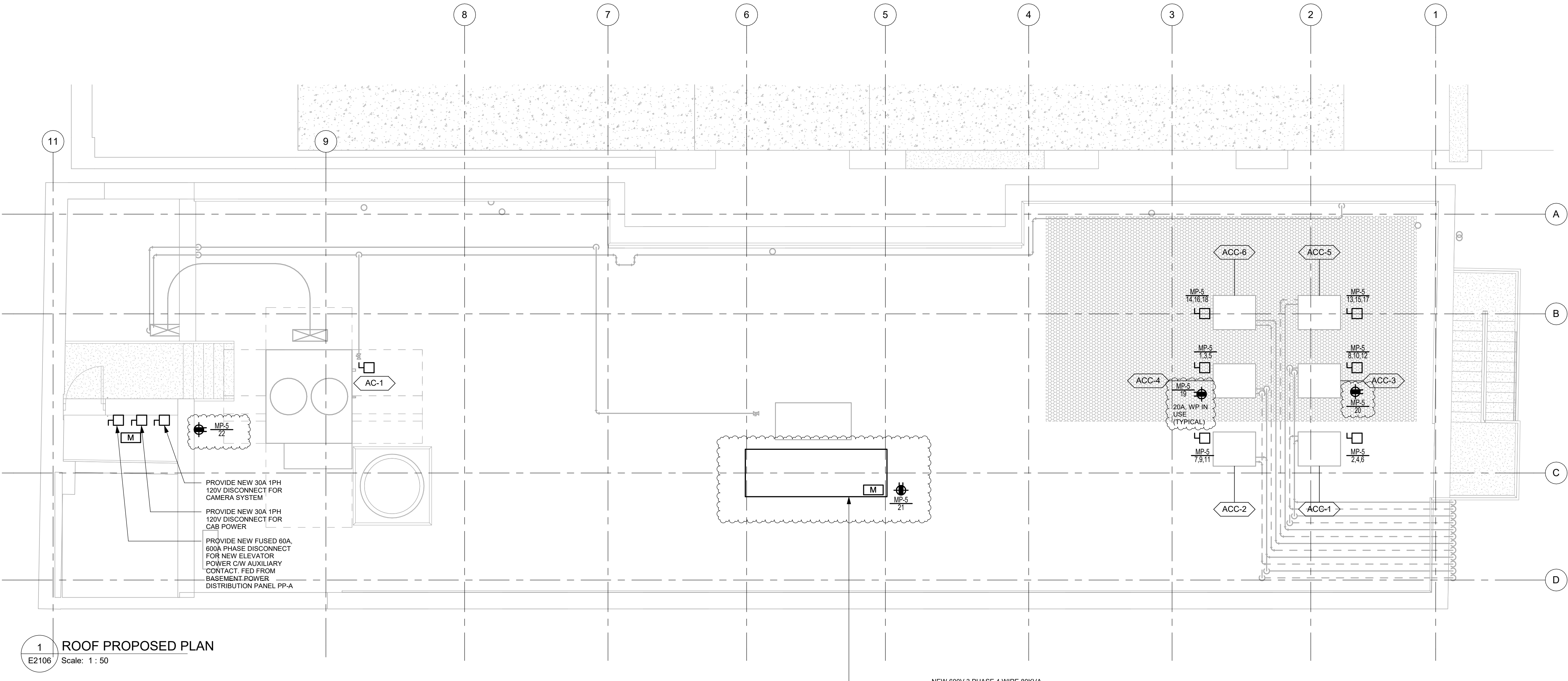
PROJECT ADDRESS  
**50 RICHMOND ST. E.  
RENOVATIONS  
50 RICHMOND STREET EAST  
TORONTO, ONTARIO**

PROJECT NO:  
9119-19-0162 / 30286113

DRAWN BY: <b>M. BOJIC</b>	CHECKED BY: <b>F. RASTI</b>
PROJECT MGR: <b>F. BOULORIAN</b>	APPROVED BY: <b>F. RASTI</b>

SHEET TITLE  
**POWER & SYSTEMS  
PLAN 5TH FLOOR**

SHEET NUMBER <b>E2105</b>	ISSUE <b>D</b>
------------------------------	-------------------



1 ROOF PROPOSED PLAN  
E2106 Scale: 1 : 50

NOTES:

1. RUN CONDUIT FOR ELEVATOR SERVICES WITHIN ELEVATOR SHAFT AND PENETRATE INTO ELEVATOR CONTROL ROOM.
2. PROVIDE CONNECTIONS TO MECHANICAL EQUIPMENT AS SHOWN ON ROOF. REFER TO SINGLE LINE DIAGRAM AND PANEL SCHEDULES FOR POWER DETAILS.
3. PROVIDE NEW GENERATOR AS SHOWN. REFER TO SINGLE LINE DIAGRAM FOR CONNECTION DETAILS.
4. PROVIDE GFCI WATER PROOF-IN-USE RECEPTACLES AS SHOWN FOR MECHANICAL EQUIPMENT.

NEW 600V 3 PHASE 4 WIRE 80KVA  
EMERGENCY GENERATOR  
NATURAL GAS FED  
C/W VIBRATION ISOLATION SUPPORT FOR  
ROOFTOP MOUNT  
  
REFER TO STRUCTURAL DRAWING FOR  
SUPPORT DETAIL  
  
MECHANICAL DRAWING FOR NATURAL  
GAS FEED

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ISSUES		
No.	DESCRIPTION	DATE
A	75% SUBMISSION	2025-03-21
B	PERMIT	2025-08-11
C	TENDER	2025-09-02
D	ADDENDUM 4	2025-09-25

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**M. BOJIC**

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**F. RASTI**

PROJECT MGR:  
**F. BOULORIAN**

APPROVED BY:  
**F. RASTI**

SHEET TITLE  
**POWER & SYSTEMS  
PLAN ROOF**

SHEET NUMBER  
**E2106**

ISSUE  
**D**

Branch Panel: RP-B													
Location: MEDICAL MONITORING 006				Volts: 120/208V Y				A.I.C. Rating: 14					
Supply From:				Phases: 3				Mains Type: BREAKER					
Mounting: SURFACE				Wires: 4				Mains Rating: 200					
Enclosure: Type 1				MCB Rating: 160									
Notes:													
CCT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CCT
B-1	MEDICAL MONITORING 006 - RECPT	20	1	900	540					1	20	BREAK ROOM #1 RECEPT	B-2
B-3	BREAK ROOM #2 RECEPT	20	1			540	540			1	20	CORRIDOR, STORAGE, MECH RM RECEPT	B-4
B-5	SPARE	20	1					0	180	1	20	WASHER RECEPTACLE	B-6
B-7	FAN COIL UNITS	20	2	910	391					2	20	DU-01	B-8
B-9						910	391						B-10
B-11	NURSE STATION RECEPTACLES	20	1					720	720	1	20	NURSE STATION RECEPTACLE	B-12
B-13	NURSE STATION RECEPTACLE	20	1	360	180					1	20	NURSE STATION PRINTER	B-14
B-15	VESTIBULE ADO	15	1			0	360			1	20	UNIVERSAL WASHROOM RECEPT	B-16
B-17	PRIVATE OFFICE RECEPT	20	1					540	360	1	20	BREAK ROOM RCP, COMMON WALL	B-18
B-19	WASHROOM AUTOMATION	15	1	0	180					1	20	B.F SHOWER RECPT	B-20
B-21	FAN COIL UNITS	20	2			910	180			1	20	ELEVATOR PIT RECPT	B-22
B-23								910	0	1	20	NURSE STATION ADO	B-24
B-25	BF SHOWER EF	15	1	84	182					2	15	EE-01	B-26
B-27	UNIVERSAL W.C EF	15	1			84	182						B-28
B-29	LAUNDRY EF	15	1					84	2000	2	20	DRYER RECEPTACLE	B-30
B-31	ACC-7	25	2	1768	2000					1	20	SPARE	B-32
B-33						1768	0						B-34
B-35	SPARE	20	1					0	0	1	20	SPARE	B-36
B-37	SPARE	20	1	0	0					1	20	SPARE	B-38
B-39	SPARE	20	1			0	0			2	20	SPARE	B-40
B-41	SPARE	15	1					0	0				B-42
B-43	SPARE	15	1	0	0					2	15	SPARE	B-44
B-45	SPARE	15	1			0	0						B-46
B-47	Power	20	1					0	0	1	20	LIGHTING	B-48
B-49	LIGHTING	20	1	0	84					1	20	FIRE ALARM PANEL**	B-50
B-51													B-52
B-53													B-54
B-55													B-56
B-57													B-58
B-59													B-60
B-61													B-62
B-63													B-64
B-65													B-66
B-67													B-68
B-69													B-70
B-71													B-72
Total Load:				7427 VA		5770 VA		5448 VA					
Total Amps:				62.31		48.5		45.4					
Legend:													
**BREAKER TO BE PAINTED RED AND LOCKED													
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Power		8658 VA		100.00%		8658 VA							
LITES		0 VA		0.00%		0 VA		Total Conn. Load: 18578 VA					
RCT		10120 VA		99.41%		10060 VA		Total Est. Demand: 18519 VA					
GFCI RCT		180 VA		100.00%		180 VA		Total Conn. Current: 51.57					
								Total Est. Demand Current: 51.4					
Notes:													


Branch Panel: RP-1													
Location:				Volts: 120/208V Y				A.I.C. Rating: 14					
Supply From:				Phases: 3				Mains Type: BREAKER					
Mounting: Recessed				Wires: 4				Mains Rating: 200					
Enclosure: Type 1				MCB Rating: 160									
Notes:													
CCT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CCT
1	LARGE MEETING RM RECPT	20	1	360	180					1	20	LARGE MEETING RM TV	2
3	HALLWAY RECEPT	20	1			540	0			1	20	FURNITURE WHIP	4
5	FURNITURE WHIP	20	1					0	0	1	20	FURNITURE WHIP	6
7	PRINTER	20	1	180	360					1	20	SECURITY DESK RECEPTACLES	8
9	SECURITY ADO	15	1			0	0			1	20	VESTIBULE ADO	10
11	HALLWAY ADO	15	1					0	0	1	15	WASHROOM FIXTURES	12
13	WASHROOM RECEPT	20	1	360	180					1	20	STORAGE RECEPT	14
15	MANAGER RECEPT	20	1			540	180			1	20	MANAGER OFFICE PRINTER	16
17	TELECOM RACK RECEPTACLE	30	1					2000	180	1	20	ISTAR PANEL	18
19	SECURITY RACK RECEPTACLE	20	1	180	180					1	20	HUB ROOM GENERAL RECEP	20
21	HUB ROOM GENERAL RECEPT	20	1			180	360			1	20	NURSE RM #2 RECEPTACLES	22
23	NURSE ROOM #1 RECEPT	20	1					720	180	1	20	NURSE RM#1 EXAM TABLE	24
25	NURSE RM#1 DEVICES	20	1	180	180					1	20	NURSE RM#2 EXAM TABLE	26
27	NURSE RM#2 DEVICES	20	1			180	360			1	20	NURSE RM #2 RECEPTACLES	28
29	ACC-08	25	2					0	0	2	25	FAH-01	30
31				0	0								32
33	TERMINAL UNITS	20	2			0	0			2	20	TERMINAL UNITS	34
35								0	0				
37	TERMINAL UNITS	20	2	0	0					2	15	EE-02	38
39						0	0						
41	MAGLOCK CONTROLLER*	20	1					0	0	2	15	EE-03	42
43	SUPERVISOR OFFICE RECEPT	20	1	540	0					1	20	ELECTRICAL ROOM RECEPTACLE	46
45	SUPERVISOR OFFICE PRINTER	20	1			180	180						44
47	ACC-09	25	2					0	0	1	15	1EF-02	48
49				0	0					1	15	1EF-01	50
51	1EF-03	15	1			0	0			1	15	SPARE	52
53	SPARE	20	1					0	0	1	15	SPARE	54
55	SPARE	20	1	0	0					1	15	SPARE	56
57	SPARE	20	1			0	0			1	15	SPARE	58
59	SPARE	20	1					0	0	2	25	SPARE	60
61	SPARE	20	2	0	0								62
63						0	0			1	20	LITES	64
65									0	1	20	VESTIBULE LIGHTING	66
67	OPEN OFFICE LIGHTING	20	1	0	0					1	20	BOARDROOM/OFFICE LIGHTING	68
69	WASHROOOMS/SUP OFFICE/STORAGE LITE	20	1			0	0			1	20	EXAM ROOM LIGHTING	70
71													72
Total Load:				2880 VA		2700 VA		3080 VA					
Total Amps:				24.23		22.5		25.9					
Legend:													
* GFCI Breaker													
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Power		0 VA		0.00%		0 VA							
LITES		0 VA		0.00%		0 VA		Total Conn. Load: 8660 VA					
RCT		8660 VA		100.00%		8660 VA		Total Est. Demand: 8660 VA					
								Total Conn. Current: 24.04					
								Total Est. Demand Current: 24.04					
Notes:													

Branch Panel: RP-2													
Location: MANAGER OFFICE 213						Volts: 120/208V Y				A.I.C. Rating: 14ka			
Supply From:						Phases: 3				Mains Type: BREAKER			
Mounting: Recessed						Wires: 4				Mains Rating: 200			
Enclosure: Type 1										MCB Rating: 160			
Notes:													
CCT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CCT
1	GARBAGE RECEPT	20	1	180	540					1	20	HALLWAY RECEPTACLES	2
3	WAITING AREA RECEPT	20	1			720	720			1	20	TREATMENT AREA RECEPTACLES	4
5	NURSING RM 4 RECEPT	20	1					540	180	1	20	NURSE RM 4 DEVICES	6
7	NURSING RM 3 DEVICE RECEPT	20	1	180	360					1	20	MANAGER OFFICE RECEPT	8
9	MANAGER OFFICE PRINTER	20	1			180	180			1	20	MECHANICAL RM RECEPT	10
11	SUPERVISOR OFFICE DESK	20	1					360	360	1	20	SUPERVISOR OFFICE DESK RECEPT	12
13	SUPERVISOR OFFICE PRINTER	20	1	180	360					1	20	NURSE ROOM RECEPTACLES	14
15	NURSING RM 2 DEVICE RECEPT	20	1			180	0			1	20		16
17	FAN COIL UNIT	20	2					0	0	2	20	FAN COIL UNITS	18
19				0	0								20
21	2EF-02	20	1			0	0			2	20	DU-3	22
23	NURSE STATION DESKS	20	1					540	540	1	20	NURSE STATION RECEPT	24
25	B F NURSE ROOM RECEPTACLES	20	1	540	180					1	20	B F NURSE EXAM TABLE	26
27	B F WASHROOM FIXTURES	20	1			0	180			1	20	WASHROOM RECEPT	28
29	2EF-01	20	1					0	0	1	20	WASHROOM ADO	30
31	VESTIBULE ADO	20	1	0	0					2	20	FAN COIL UNITS	32
33	NURSE RM 2 EXAM TABLE	20	1			180	0						34
35	MEDICINE RM RECEPT	20	1					180	180	1	20	NURSE RM 3 EXAM TABLE	36
37	NURSE ROOM 3 DESK RECEPT	20	1	360	0					2	25	FAH-02	38
39	B F NURSE RM DEVICES	20	1			180	0						40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
Total Load:				2880 VA		2520 VA		2880 VA					
Total Amps:				24.46		21		24.46					
Legend:													
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Power		0 VA		0.00%		0 VA							
RCT		8280 VA		100.00%		8280 VA		Total Conn. Load: 8280 VA					
								Total Est. Demand: 8280 VA					
								Total Conn. Current: 22.98					
								Total Est. Demand Current: 22.98					
Notes:													

Branch Panel: RP-3													
Location: STORAGE ROOM 311				Volts: 120/208V Y				A.I.C. Rating: 14KA					
Supply From:				Phases: 3				Mains Type: BREAKER					
Mounting: Recessed				Wires: 4				Mains Rating: 200					
Enclosure: Type 1								MCB Rating: 160					
Notes:													
CCT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CCT
1	ACC-10	25	2	0	0					1	20	3EF-05	2
3						0	0			1	20	3EF-04	4
5	DU-4	20	2					0	0	2	20	FAN COIL UNITS	6
7				0	0								8
9	FAN COIL UNITS	20	2			0	0			2	20	FAN COIL UNITS	10
11								0	0				12
13	HALLWAY RECEPTACLES	20	1	720	540					1	20	COUNSELING ROOM #1 RECPT	14
15	COUNSELING ROOM #2 RECEPT	20	1			540	540			1	20	NURSING ROOM	16
17	NURSE CALL RECPT	20	1					180	180	1	20	ISTAR	18
19	IT RACK POWER	30	1	4000	360					1	20	CLEAN UTILITY/SUPPLY ROOM RECPT	20
21	BF WASHROOM ADO	20	1			0	0			1	20	ADO HALLWAY	22
23	GROUP SESSION RECPT	20	1					900	0	1	20	ADO GROUP SESSION	24
25	RECEPTION DESK	20	1	360	0					1	20	ADO VESTIBULE/RECEPTION	26
27	MANAGEMENT OFFICE	20	1			360	0			1	20	WASHROOM FIXTURE AUTOMATION	28
29	WASHROOM RECEPT	20	1					360	180	1	20	PRINTER	30
31	FURNITURE WHIP	20	1	0	0					1	20	FURNITURE WHIP	32
33	FURNITURE WHIP	20	1			0	0			1	20	FURNITURE WHIP	34
35	FAH-03	25	2					0	0	1	20	LITES	36
37				0	0					1	20	LITES	38
39	LITES	20	1			0							40
41													42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
Total Load:				5980 VA		1440 VA		1800 VA					
Total Amps:				50.29		12		15.46					
Legend:													
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Power		0 VA		0.00%		0 VA							
LITES		0 VA		0.00%		0 VA		Total Conn. Load: 9220 VA					
RCT		9220 VA		100.00%		9220 VA		Total Est. Demand: 9220 VA					
								Total Conn. Current: 25.59					
								Total Est. Demand Current: 25.59					
Notes:													

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Arcadis Professional Services (Canada) Inc.


ISSUES

No.	DESCRIPTION	DATE
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CITY OF TORONTO  
ACCESSIBILITY UPGRADES

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RENOVATIONS  
50 RICHMOND STREET EAST  
TORONTO, ONTARIO

PROJECT NO:  
9119-19-0162 / 30286113

DRAWN BY:  
M.BOJIC

CHECKED BY:  
F. RASTI

PROJECT MGR:  
F. BOULORIAN

APPROVED BY:  
F. RASTI

SHEET TITLE

PANEL SCHEDULES 2

SHEET NUMBER

E2702

ISSUE

Autodesk Docs/122280 - Cot TAU Upgrades R2024/122280-TAU-33-50-Richmond-E-R24.rvt

10mm


SCALE CHECK  
1 in

Branch Panel:													
Location: COMMON SPACE 411				Volts: 120/208V Y				A.I.C. Rating:					
Supply From:				Phases: 3				Mains Type: BREAKER					
Mounting: Recessed				Wires: 4				Mains Rating: 200					
Enclosure: Type 1								MCB Rating: 150					
Notes:													
CCT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CCT
1	4EF-01	20	1	0	0					1	20	4EF-02	2
3	WASHROOM RCPT	20	1			360	2000			2	30	DRYER RECPT	4
5	WASHROOM AUTOMATION	20	1					0	2000				6
7	TEAM STATION DESK RECPT	20	1	360	360					1	20	BREAK ROOM 8 RECPT	8
9	VESTIBULE ADO	20	1			0	180			1	20	LAUNDRY ROOM RECPT	10
11	VENDING MACHINE	20	1					180	180	1	20	PRINTER	12
13	BREAK ROOM #2 RECPT	20	1	360	720					1	20	HALLWAY RECEPT	14
15	KITCHEN COUNTER	20	1			180	180			1	20	ELECTRICAL ROOM RECPT	16
17	FRIDGE	20	1					180	360	1	20	BREAK ROOM #1 RECPT	18
19	MAGLOCK CONTROLLER*	15	1	0	180					1	20	RCT	20
21	BREAK ROOM #7 RECPT	20	1			360	360			1	20	BREAK ROOM #4 RECPT	22
23	BREAK ROOM #5 RECPT	20	1					360	0	1	20	SPARE	24
25	KITCHEN COUNTER	20	1	180	180					1	20	COMMON ROOM TV	26
27	FAH-04	25	2			0	0			1	20	SPARE	28
29								0	0	1	20	SPARE	30
31	BREAK ROOM #6 RECPT	20	1	360	360					1	20	BREAK ROOM 3 RECPT	32
33	SPARE	20	1			0	0			1	20	SPARE	34
35	SPARE	20	1					0	0				36
37				0	0					2	20	FAN COIL UNITS	38
39	DU-5	20	2			0	0						40
41								0	0	2	20	Power	42
43	SPARE	20	2		0	0							44
45						0	0			2	20	Power	46
47	SPARE	20	2										48
49	RCT	20	1	180	360			0	180	1	20	RCT	50
51	LITES	20	1			0	0			1	20	RCT	52
53	LITES	20	1					0				LITES	54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
Total Load:				3600 VA		3620 VA		3440 VA					
Total Amps:				30.21		30.37		28.67					
Legend:													
* GFCI BREAKER													
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Power		0 VA		0.00%		0 VA							
LITES		0 VA		0.00%		0 VA		Total Conn. Load: 10660 VA					
RCT		10480 VA		97.71%		10240 VA		Total Est. Demand: 10420 VA					
GFCI RCT		180 VA		100.00%		180 VA		Total Conn. Current: 29.59					
								Total Est. Demand Current: 28.92					
Notes:													

Branch Panel:													
Location:				Volts: 120/208V Y				A.I.C. Rating:					
Supply From:				Phases: 3				Mains Type: BREAKER					
Mounting: Recessed				Wires: 4				Mains Rating: 225					
Enclosure: Type 1								MCB Rating: 225					
Notes:													
CCT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CCT
1	SEF-03	15	1	86	393					2	20	DU-6	2
3	DWH-1	20	1			86	393						4
5	DWH-2	20	1					86	0				6
7	FAN COIL UNITS	20	2	0	0								8
9						0	0						10
11	FAN COIL UNITS	20	2					0	0				12
13				0	172					1	20	WASHROOM AUTOMATION	14
15	WASHROOM RECPT	20	1			540	86			1	20	SEF-02	16
17	SEF-01	20	1					86	43	2	20	EE-08	18
19	MECH ROOM RECPT	20	1	180	43								20
21	FURNITURE WHIP	20	1			0	0			1	20	FURNITURE WHIP	22
23	FURNITURE WHIP	20	1					0	0				24
25	SMALL BOARD ROOM RECPT	20	1	540	360					1	20	TOUCHDOWN AREA RECPT	26
27	PRINTER	20	1			180	180			1	20	KITCHEN COUNTER	28
29	DISHWASHER	20	1					180	180				30
31	FRIDGE	20	1	180	450					1	20	KITCHEN COUNTER	32
33	BOARDROOM RECPT	20	1			360	360			1	20	BOARDROOM 509 RECPT	34
35	VESTIBULE ADO	20	1					0	0				36
37	HALLWAY RECEPT	20	1	720	540					1	20	WASHROIOM ADO	38
39	LITES	20	1			0	0			1	20	WELLNESS ROOM RECPT	40
41	LITES	20	1					0					42
43													44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60
61													62
63													64
65													66
67													68
69													70
71													72
Total Load:				3619 VA		2151 VA		564 VA					
Total Amps:				32.19		19.96		4.7					
Legend:													
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Power		1474 VA		100.00%		1474 VA							
LITES		0 VA		0.00%		0 VA		Total Conn. Load: 6332 VA					
RCT		4140 VA		100.00%		4140 VA		Total Est. Demand: 6332 VA					
GFCI RCT		360 VA		100.00%		360 VA		Total Conn. Current: 17.58					
MICROWAVE RCT		450 VA		100.00%		450 VA		Total Est. Demand Current: 17.58					
Notes:													

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PROJECT TITLE

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PROJECT ADDRESS

50 RICHMOND ST. E.  
RENOVATIONS  
50 RICHMOND STREET EAST  
TORONTO, ONTARIO

PROJECT NO:  
9119-19-0162 / 30286113

DRAWN BY:  
M.BOJIC

CHECKED BY:  
F. RASTI

PROJECT MGR:  
F. BOULORIAN

APPROVED BY:  
F. RASTI

SHEET TITLE

PANEL SCHEDULES 3

SHEET NUMBER

E2703

ISSUE

Autodesk Docs/122280 - Cot TAU Upgrades R2024/122280-TAU-33-50-Richmond-E-R24.rvt

1 m

SCALE CHECK



Branch Panel: RP-M

Location: MECHANICAL RM. 508

Supply From:

Mounting: Recessed

Enclosure: Type 1

Volts: 120/208V Y

Phases: 3

Wires: 4

A.I.C. Rating: 14KA

Mains Type: BREAKER

Mains Rating: 400

MCB Rating: 400

Notes:

CCT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CCT
1	ACC-4	50	3	4000	4000					3	50	ACC-1	2
3						4000	4000						4
5								4000	4000				6
7				4000	4000								8
9	ACC-2	50	3			4000	4000			3	50	ACC-3	10
11								4000	4000				12
13				4000	4000								14
15						4000	4000						16
19	ROOFTOP GFCI RCT	20	1	180	180			4000	4000	1	20	ROOFTOP GFCI RCT	20
21	GFCI RCT	20	1		180	180			18				
23	RCT	20	1				180		22				
Total Load:				24289 VA		24289 VA		24144 VA					
Total Amps:				202.59		202.59		201.2					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	72000 VA	100.00%	72000 VA		
RCT	180 VA	100.00%	180 VA	Total Conn. Load:	72722 VA
GFCI RCT	720 VA	100.00%	720 VA	Total Est. Demand:	72722 VA
				Total Conn. Current:	201.86
				Total Est. Demand Current:	201.86

Notes:

Branch Panel: XRP-3													
Location:				Volts: 120/208V Y				A.I.C. Rating: 14KA					
Supply From:				Phases: 3				Mains Type: BREAKER					
Mounting: Recessed				Wires: 4				Mains Rating: 60					
Enclosure: Type 1				MCB Rating: 30									
Notes:													
CCT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CCT
1	MEDECINE FRIDGE ROOM 308	20	1	180	180					1	20	2ND FLOOR MEDICINE FRIDGE RM 208	2
3	BEF-06	15	1			0	0			1	15	BEF-05	4
5	1ST FLOOR EMERGENCY LIGHTING	15	1					0	0	1	20	1ST FLOOR OPEN OFFICE EMERGENCY...	6
7	BASEMENT EMERGENCY LIGHTS	20	1	0	0					1	20	BASEMENT EMERGENCY LIGHTS	8
9	EXIT LIGHTING BASEMENT	15	1			30	35			1	15	EXIT LIGHTING FIRST FLOOR	10
11	LITES	20	1					0	0	1	20	LITES	12
13	LITES	20	1	0	30					1	20	Exit Lighting	14
15													16
17													18
19													20
21													22
23													24
Total Load:				390 VA		65 VA		0 VA					
Total Amps:				3.33		0.63		0					
Legend:													
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Power		0 VA		0.00%		0 VA							
LITES		0 VA		0.00%		0 VA		Total Conn. Load: 455 VA					
Exit Lighting		95 VA		100.00%		95 VA		Total Est. Demand: 455 VA					
RCT		360 VA		100.00%		360 VA		Total Conn. Current: 1.26					
								Total Est. Demand Current: 1.26					
Notes:													

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RENOVATIONS  
50 RICHMOND STREET EAST  
TORONTO, ONTARIO

PROJECT NO: 9119-19-0162 / 30286113	
DRAWN BY: M.BOJIC	CHECKED BY: F. RASTI
PROJECT MGR: F. BOULORIAN	APPROVED BY: F. RASTI

SHEET TITLE  
PANEL SCHEDULES 4

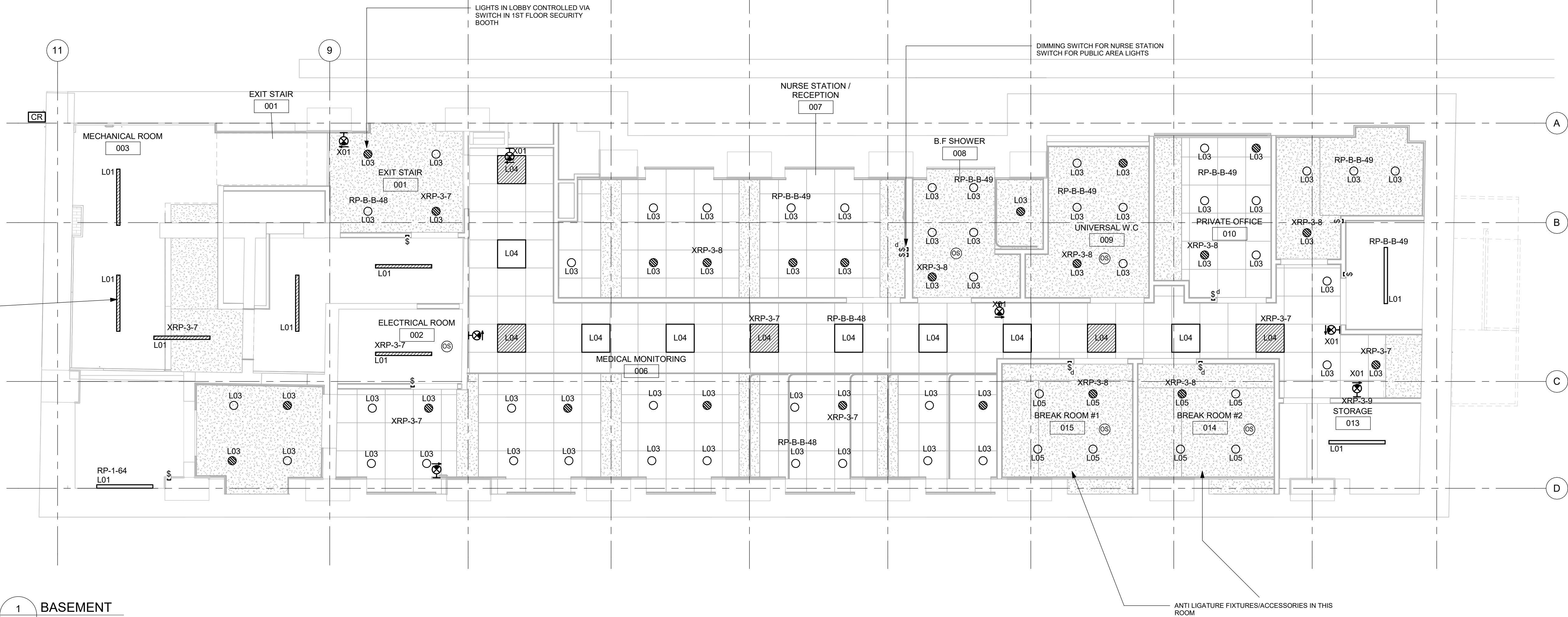
SHEET NUMBER E2704	ISSUE
-----------------------	-------

UNDER LOBBY AREA  
MECHANICAL ROOM  
SURFACE MOUNT TO SLAB  
(TYPICAL FOR S)

1  
E3100  
Scale: 1 : 50

NOTES:

1. PROVIDE LIGHTS AS INDICATED ON PLAN. REFER TO LUMINAIRE SCHEDULE FOR DETAILS.
2. REFER TO LIGHTING CONTROLS OPERATIONS IN SPECIFICATION.
3. INTERLOCK BATHROOM EXHAUST CONTROLS WITH LIGHTING OCCUPANCY SENSOR. REFER TO MECHANICAL DRAWINGS FOR MORE DETAILS.
4. DUE TO HIGHLY CONGESTED CEILING, ESPECIALLY IN THE CORRIDOR AREAS, CONTRACTOR TO COORDINATE WITH MECHANICAL TRADE REGARDING ANY POTENTIAL INTERFERENCES PRIOR TO ANY INSTALLATION OF CONDUIT/MECHANICAL PIPING.
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9119-19-0162 / 30286113

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CHECKED BY:  
**F. RASTI**

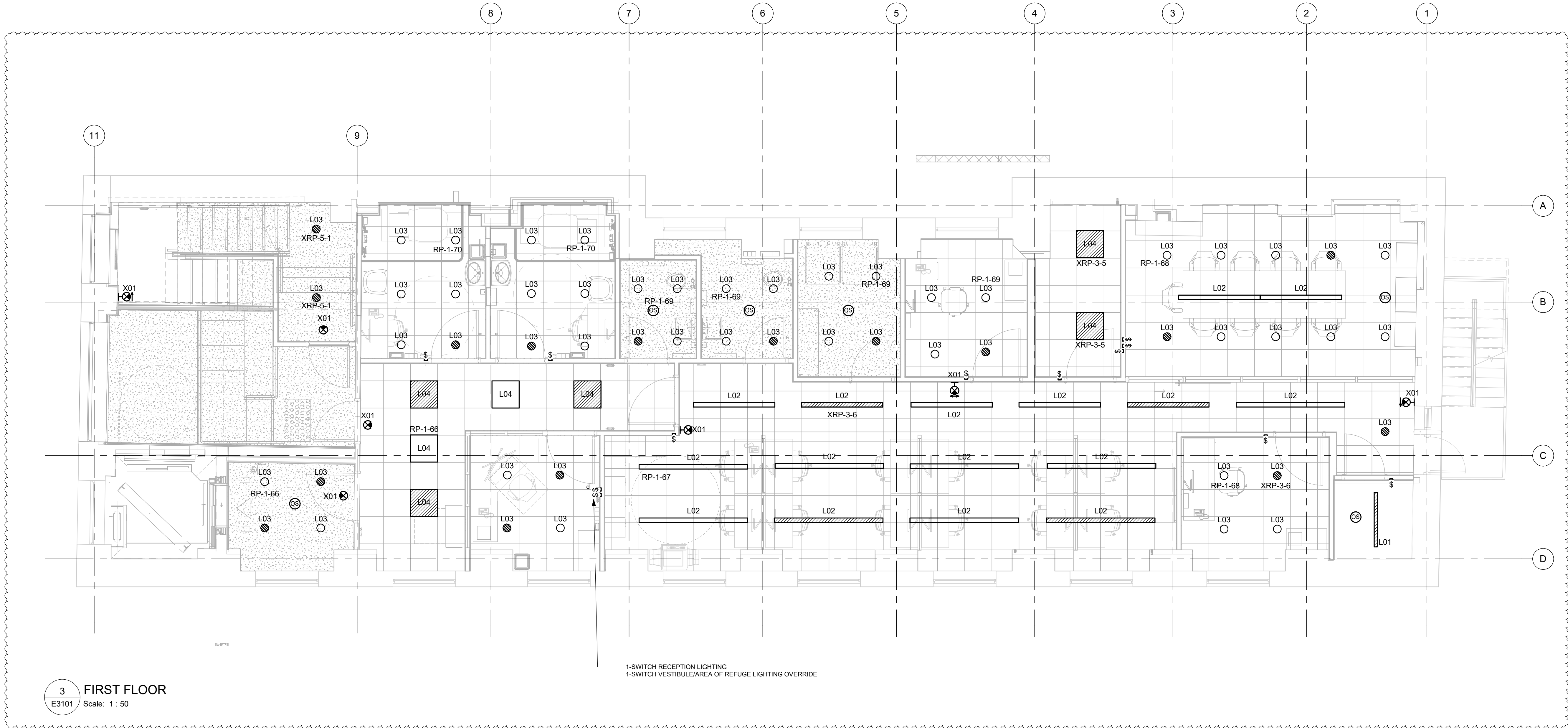
PROJECT MGR:  
**F. BOULORIAN**

APPROVED BY:  
**F. RASTI**

SHEET TITLE  
**ELECTRICAL LIGHTING  
PLAN BASEMENT**

SHEET NUMBER  
**E3100**

ISSUE  
**C**



NOTES:

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CHECKED BY:

F. RASTI

PROJECT MGR:

F. BOULORIAN

APPROVED BY:

F. RASTI

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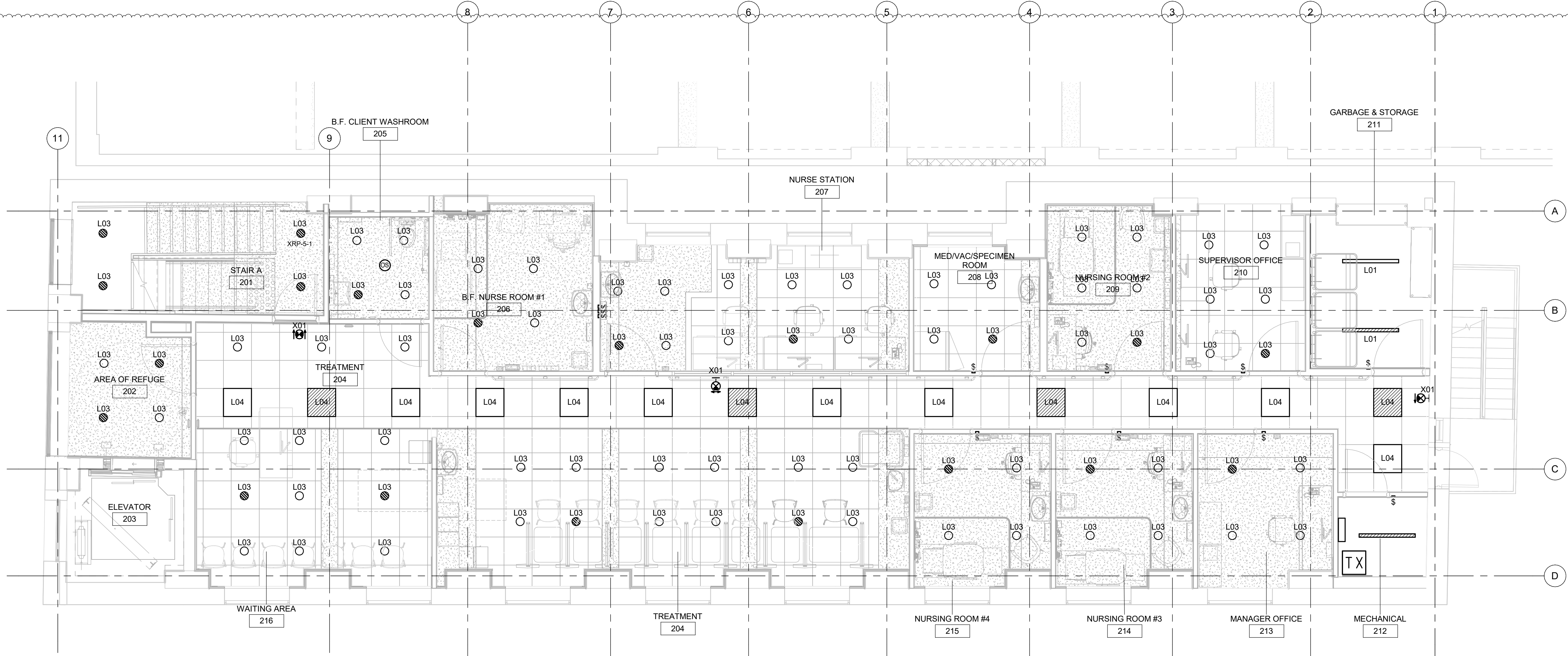
ELECTRICAL LIGHTING  
PLAN 1ST FLOOR

SHEET NUMBER

E3101

ISSUE

C



1 SECOND FLOOR  
E3102 Scale: 1 : 50

NOTES:

1. PROVIDE LIGHTS AS INDICATED ON PLAN. REFER TO LUMINAIRE SCHEDULE FOR DETAILS.
2. REFER TO LIGHTING CONTROLS OPERATIONS IN SPECIFICATION.
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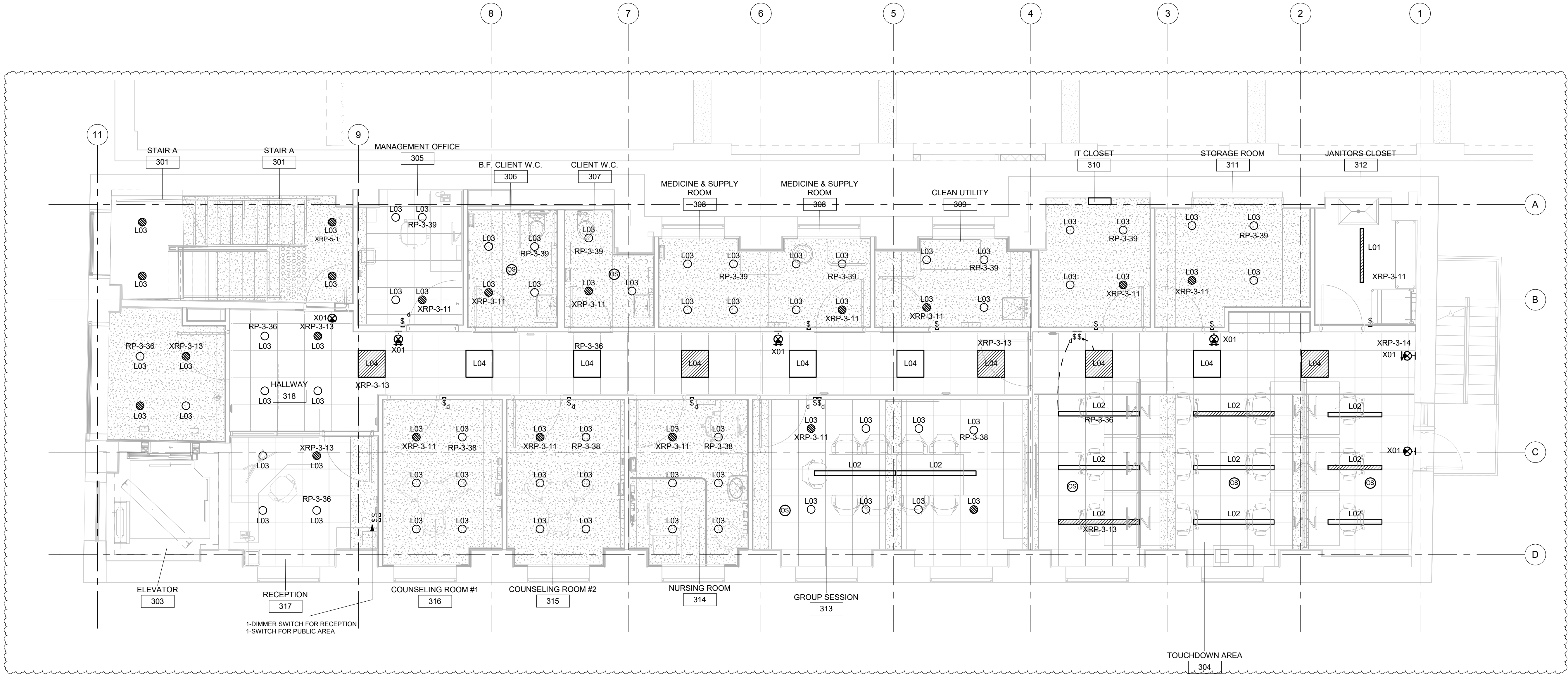
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SHEET TITLE  
**ELECTRICAL LIGHTING  
PLAN 2ND FLOOR**

SHEET NUMBER  
**E3102**

ISSUE  
**C**





1 THIRD FLOOR CEILING PLAN  
E3103 Scale: 1 : 50

NOTES:

1. PROVIDE LIGHTS AS INDICATED ON PLAN. REFER TO LUMINAIRE SCHEDULE FOR DETAILS.
2. REFER TO LIGHTING CONTROLS OPERATIONS IN SPECIFICATION.
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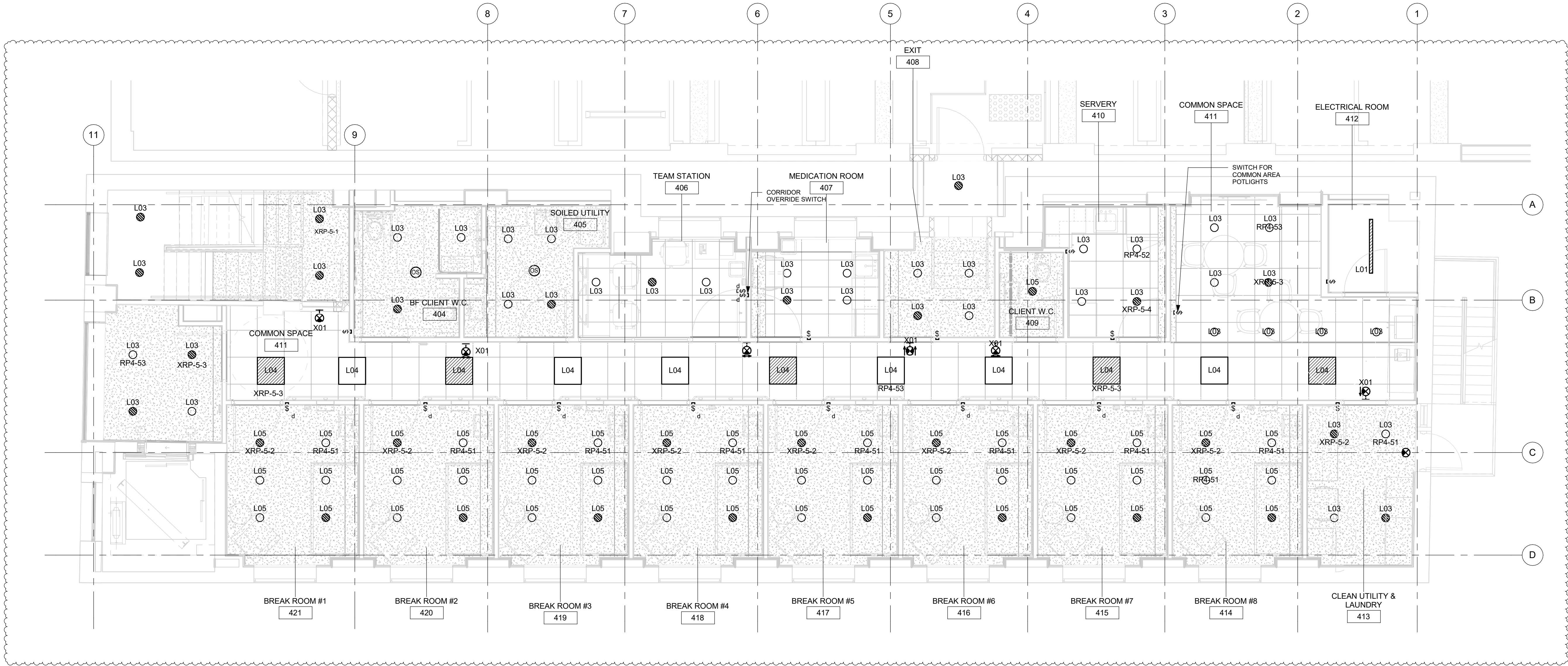
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SHEET TITLE  
**ELECTRICAL LIGHTING  
PLAN 3RD FLOOR**

SHEET NUMBER  
**E3103**

ISSUE  
**C**





1  
E3104  
FOURTH FLOOR  
Scale: 1 : 50

NOTES:

1. PROVIDE LIGHTS AS INDICATED ON PLAN. REFER TO LUMINAIRE SCHEDULE FOR DETAILS.
2. REFER TO LIGHTING CONTROLS OPERATIONS IN SPECIFICATION.
3. INTERLOCK BATHROOM EXHAUST CONTROLS WITH LIGHTING OCCUPANCY SENSOR. REFER TO MECHANICAL DRAWINGS FOR MORE DETAILS.
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TORONTO, ONTARIO**

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CHECKED BY:  
**F. RASTI**

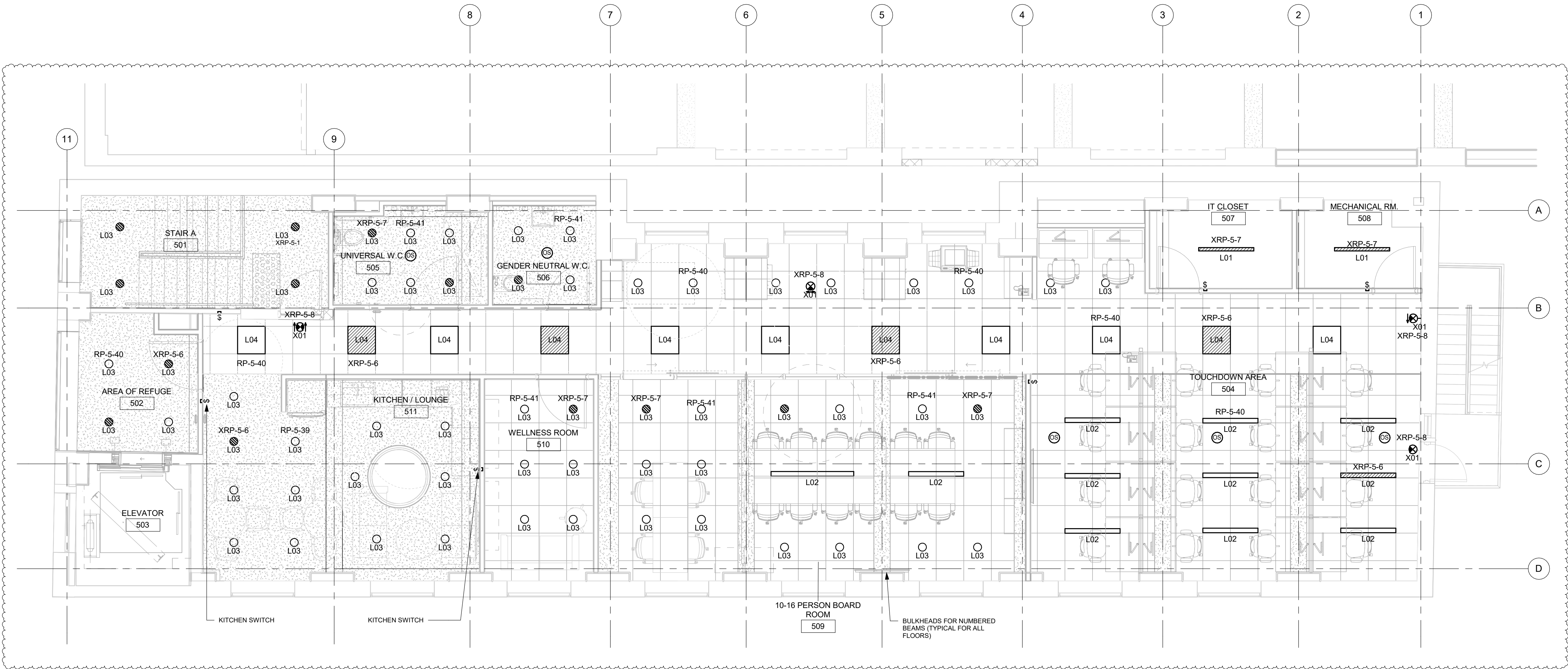
PROJECT MGR:  
**F. BOULORIAN**

APPROVED BY:  
**F. RASTI**

SHEET TITLE  
**ELECTRICAL LIGHTING  
PLAN 4TH FLOOR**

SHEET NUMBER  
**E3104**

ISSUE  
**C**



1 FIFTH FLOOR  
E3105 Scale: 1 : 50

NOTES:

1. PROVIDE LIGHTS AS INDICATED ON PLAN. REFER TO LUMINAIRE SCHEDULE FOR DETAILS.
2. REFER TO LIGHTING CONTROLS OPERATIONS IN SPECIFICATION.
3. INTERLOCK BATHROOM EXHAUST CONTROLS WITH LIGHTING OCCUPANCY SENSOR. REFER TO MECHANICAL DRAWINGS FOR MORE DETAILS.
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F. RASTI

PROJECT MGR:

F. BOULORIAN

APPROVED BY:

F. RASTI

SHEET TITLE

ELECTRICAL LIGHTING  
PLAN 5TH FLOOR

SHEET NUMBER

E3105

ISSUE

C