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

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 No.
 DESCRIPTION
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 ISSUED FOR CONSTRUCTION
 2021-10-19

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PRIME CONSULTANT

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Toronto, ON M9W 0C9, Canada
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ibigroup.com

PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Fire/EMS HQ & EMS Station 53 4330 Dufferin St

PROJECT NO:

9119- 19- 0162 / IBI 122260

DRAWN BY: CHECK

DRAWN BY:

M.BOJIC

PROJECT MGR:
F.BOLOURIAN

CHECKED BY:
P. WILLIAMS

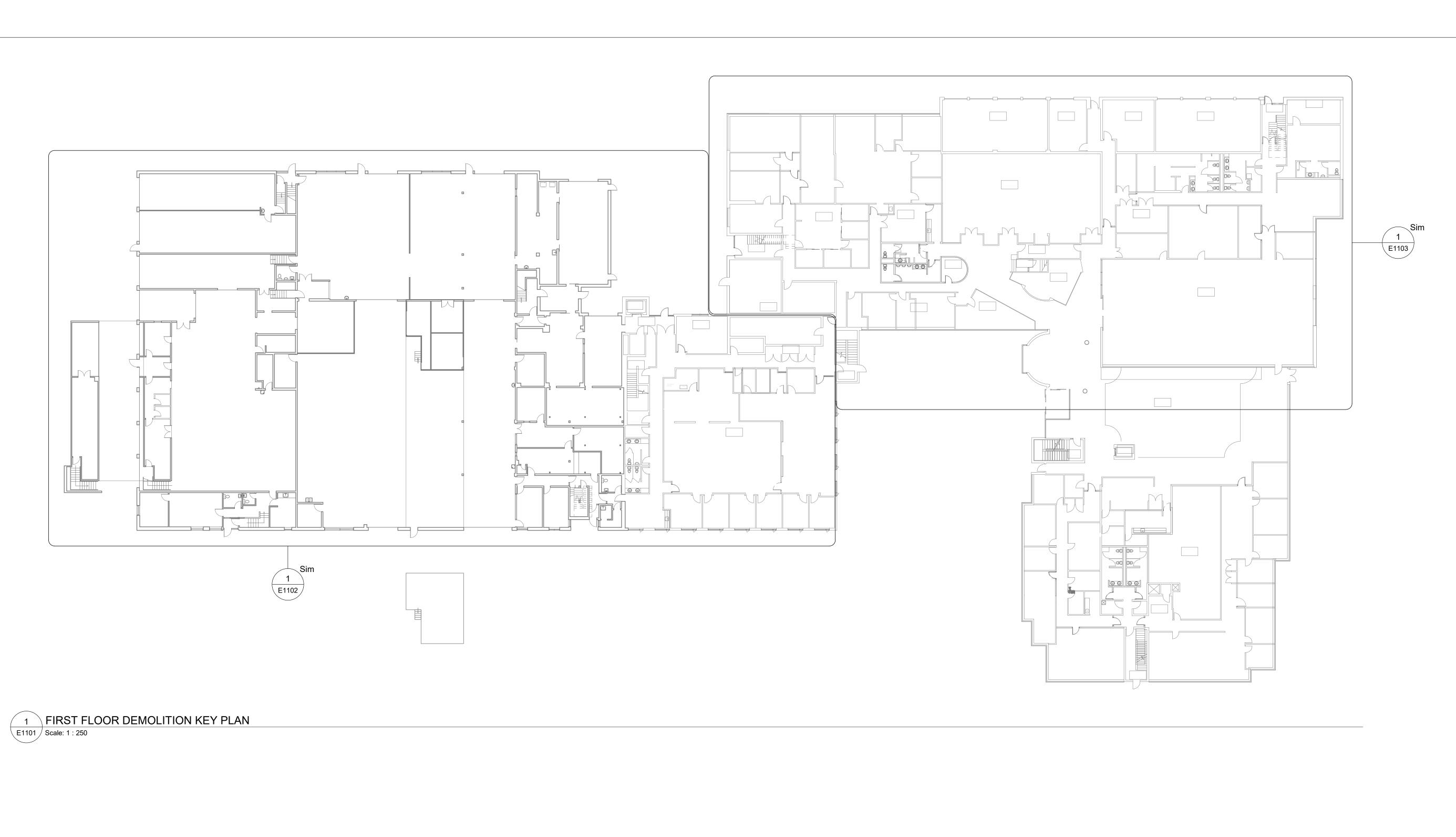
APPROVED BY:
P. WILLIAMS

DRAWING LIST

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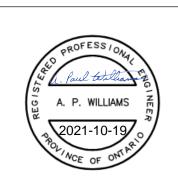
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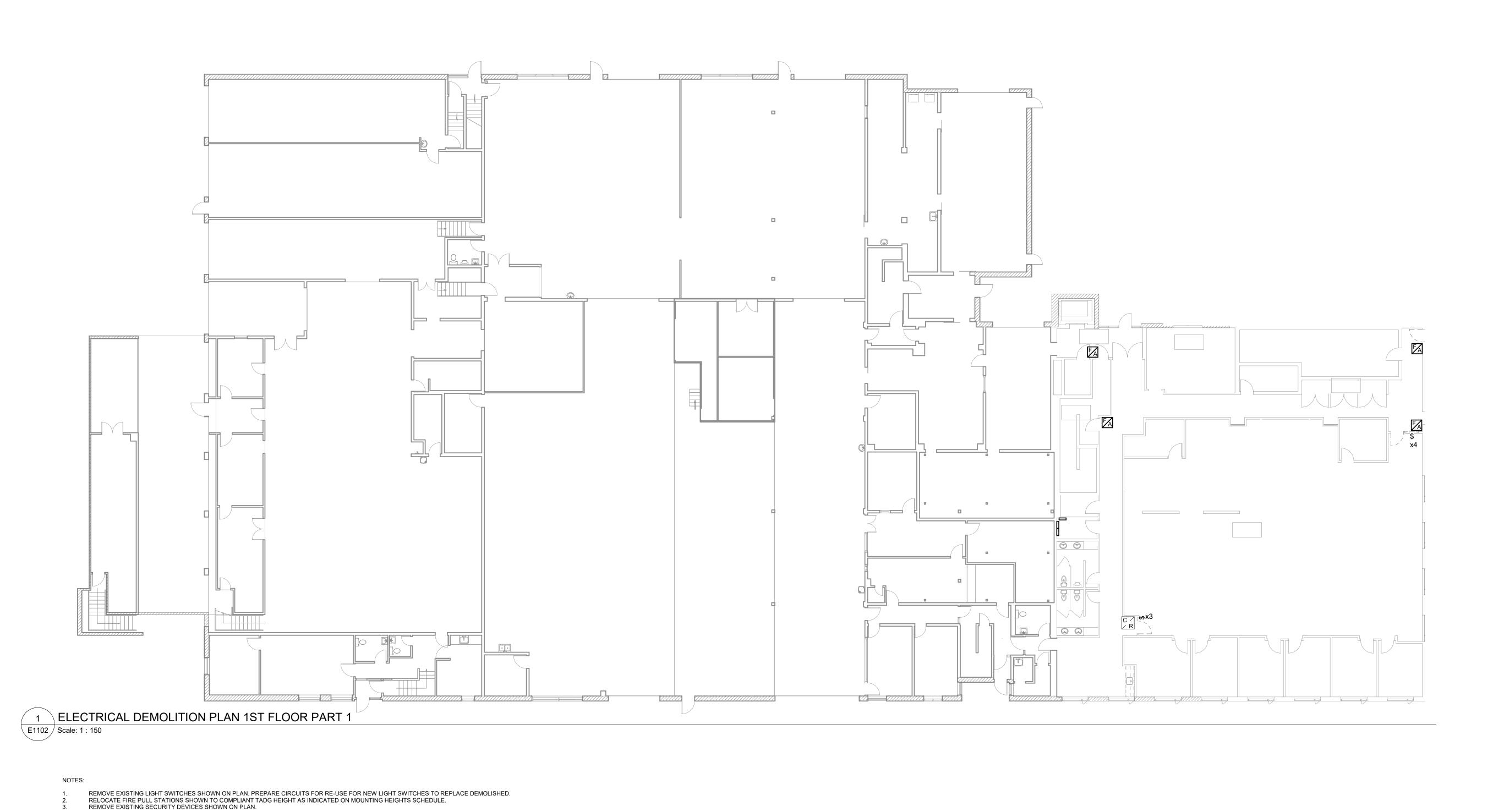
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9119- 19- 0162 / IBI 122260 DRAWN BY: CHECKED BY: P. WILLIAMS M.BOJIC APPROVED BY: **P. WILLIAMS** PROJECT MGR:

F.BOLOURIAN SHEET TITLE

ELECTRICAL **DEMOLITION PLAN 1ST** FLOOR



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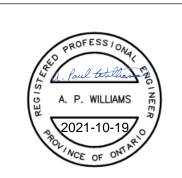
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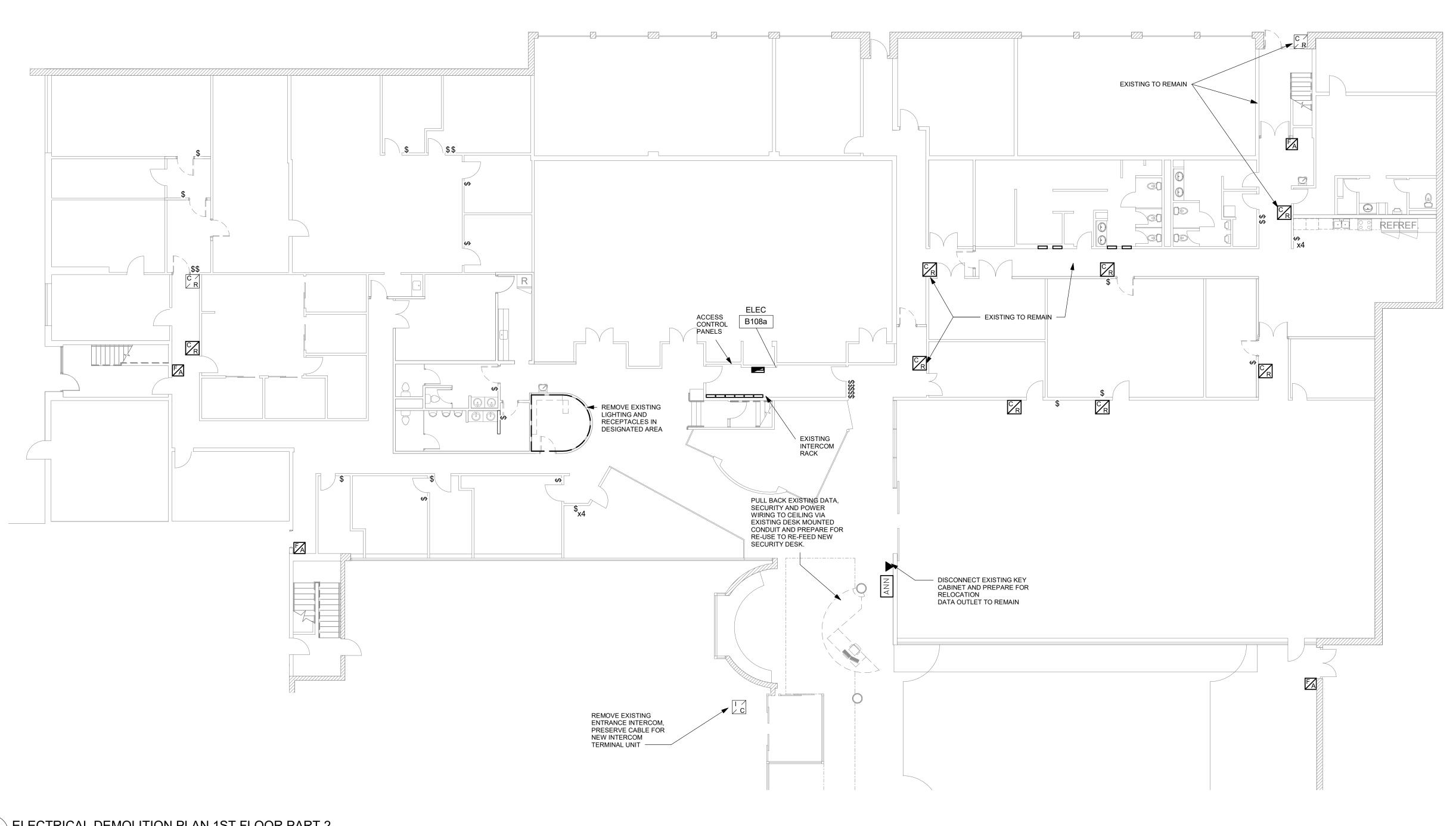
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SHEET TITLE ELECTRICAL

DEMOLITION ENLARGED PLAN 1ST FLOOR PART 1

SHEET NUMBER



ELECTRICAL DEMOLITION PLAN 1ST FLOOR PART 2 E1103 / Scale: 1 : 125

REMOVE EXISTING LIGHT SWITCHES SHOWN ON PLAN. PREPARE CIRCUITS FOR RE-USE FOR NEW LIGHT SWITCHES TO REPLACE DEMOLISHED. RELOCATE FIRE PULL STATIONS SHOWN TO COMPLIANT TADG HEIGHT AS INDICATED ON MOUNTING HEIGHTS SCHEDULE.

ADJUST INDICATED CARD READERS TO NEW TADG COMPLIANT HEIGHTS (AS INDICATED IN MOUNTING HEIGHTS SCHEDULE). PROVIDE CABLING/CONDUIT AS NECESSARY TO FACILITATE RECONNECTION TO DOOR SECURITY BOX.

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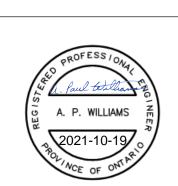
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PROJECT NO: 9119- 19- 0162 / IBI 122260

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SHEET TITLE ELECTRICAL DEMOLITION ENLARGED

PLAN 1ST FLOOR PART 2 SHEET NUMBER

G08-229-E1103 **0**

1 ELECTRICAL DEMOLITION PLAN 1ST FLOOR PART 3 **E1104** *S* Scale: 1 : 100

REMOVE EXISTING LIGHT SWITCHES SHOWN ON PLAN. PREPARE CIRCUITS FOR RE-USE FOR NEW LIGHT SWITCHES TO REPLACE DEMOLISHED. RELOCATE FIRE PULL STATIONS SHOWN TO COMPLIANT TADG HEIGHT AS INDICATED ON MOUNTING HEIGHTS SCHEDULE. ADJUST INDICATED CARD READERS TO NEW TADG COMPLIANT HEIGHTS (AS INDICATED IN MOUNTING HEIGHTS SCHEDULE). PROVIDE CABLING/CONDUIT AS NECESSARY TO FACILITATE RECONNECTION TO DOOR SECURITY BOX.

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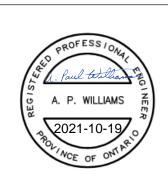
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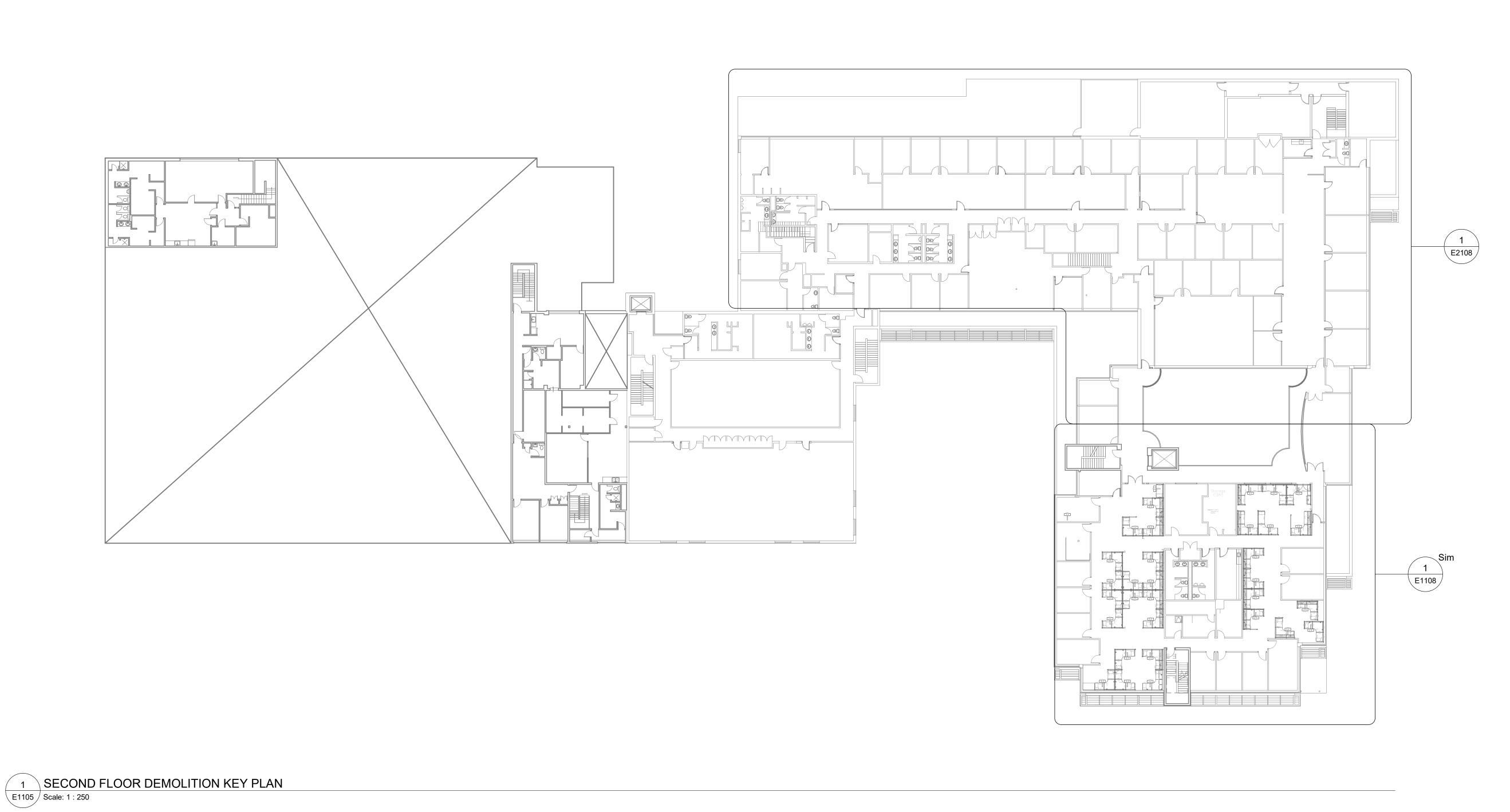
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SHEET TITLE

ELECTRICAL DEMOLITION ENLARGED PLAN 1ST FLOOR PART 3

SHEET NUMBER G08-229-E1104



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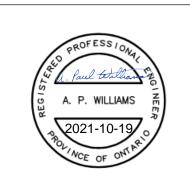
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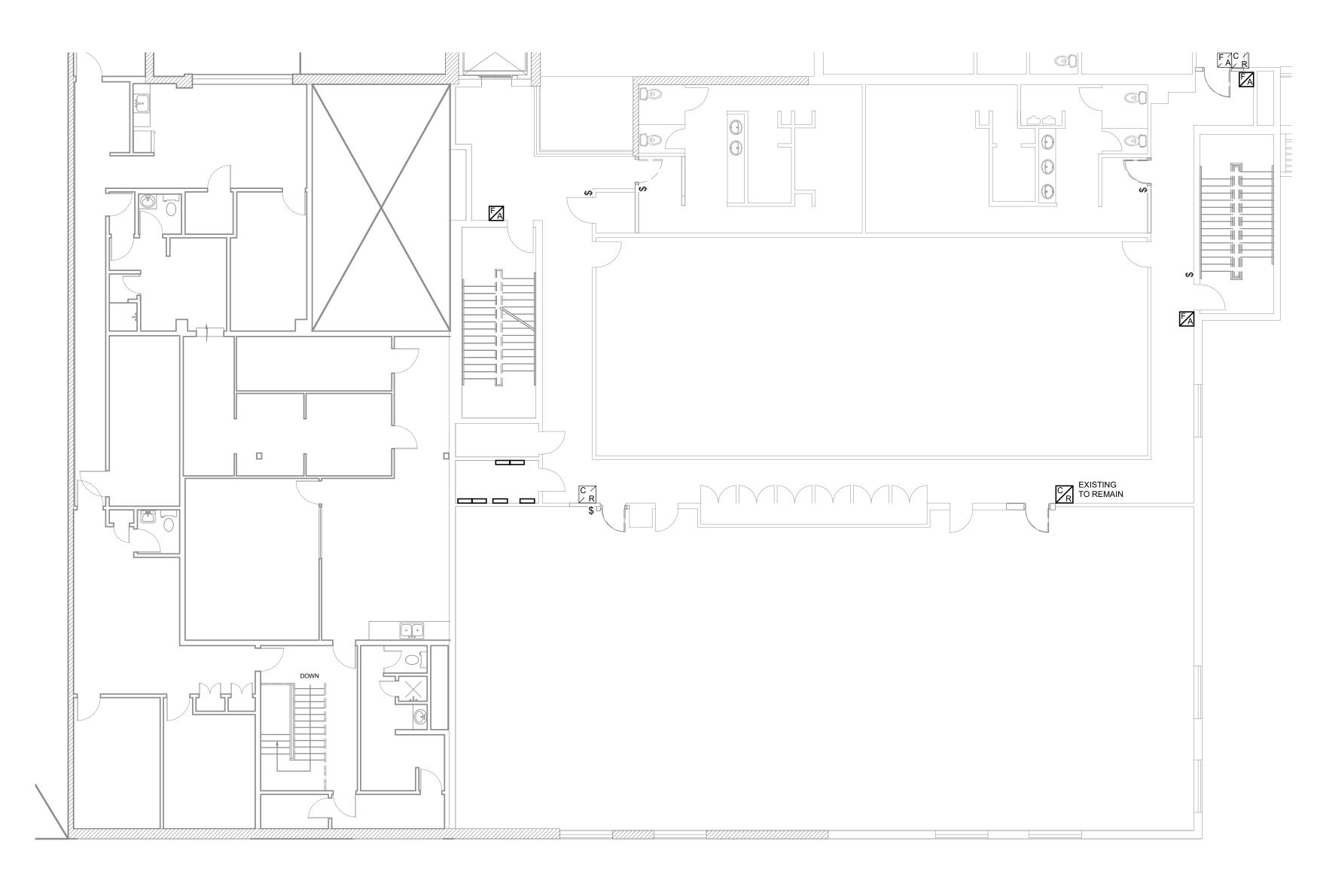
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F.BOLOURIAN SHEET TITLE

ELECTRICAL **DEMOLITION PLAN 2ND** FLOOR

SHEET NUMBER



1 ELECTRICAL DEMOLITION PLAN 2ND FLOOR PART 1

REMOVE EXISTING LIGHT SWITCHES SHOWN ON PLAN. PREPARE CIRCUITS FOR RE-USE FOR NEW LIGHT SWITCHES TO REPLACE DEMOLISHED. RELOCATE FIRE PULL STATIONS SHOWN TO COMPLIANT TADG HEIGHT AS INDICATED ON MOUNTING HEIGHTS SCHEDULE.

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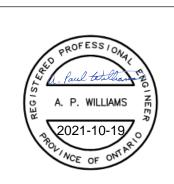
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PROJECT ADDRESS Fire/EMS HQ & EMS Station

4330 Dufferin St

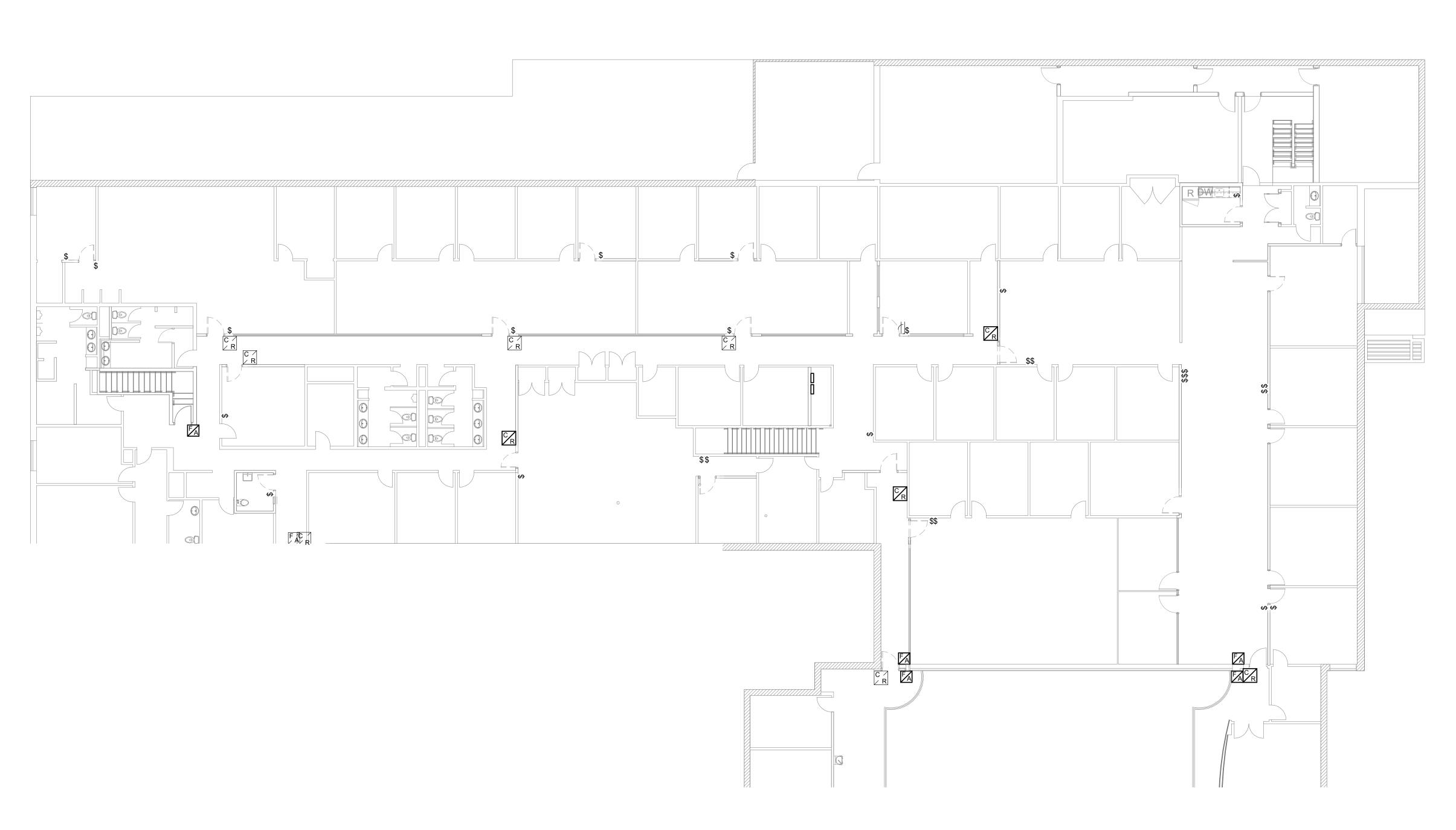
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ELECTRICAL DEMOLITION ENLARGED PLAN 2ND FLOOR PART 1

SHEET NUMBER

G08-229-E1106 0



1 ELECTRICAL DEMOLITION PLAN 2ND FLOOR PART 2 E1107 Scale: 1 : 125

NOTES:

REMOVE EXISTING LIGHT SWITCHES SHOWN ON PLAN. PREPARE CIRCUITS FOR RE-USE FOR NEW LIGHT SWITCHES TO REPLACE DEMOLISHED. RELOCATE FIRE PULL STATIONS SHOWN TO COMPLIANT TADG HEIGHT AS INDICATED ON MOUNTING HEIGHTS SCHEDULE. ADJUST INDICATED CARD READERS TO NEW TADG COMPLIANT HEIGHTS (AS INDICATED IN MOUNTING HEIGHTS SCHEDULE). PROVIDE CABLING/CONDUIT AS NECESSARY TO FACILITATE RECONNECTION TO DOOR SECURITY BOX.

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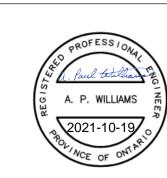
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SHEET TITLE **ELECTRICAL**

DEMOLITION ENLARGED PLAN 2ND FLOOR PART 2

SHEET NUMBER



1 ELECTRICAL DEMOLITION PLAN 2ND FLOOR PART 3 E1108 | Scale: 1:100

> NOTES: REMOVE EXISTING LIGHT SWITCHES SHOWN ON PLAN. PREPARE CIRCUITS FOR RE-USE FOR NEW LIGHT SWITCHES TO REPLACE DEMOLISHED. RELOCATE FIRE PULL STATIONS SHOWN TO COMPLIANT TADG HEIGHT AS INDICATED ON MOUNTING HEIGHTS SCHEDULE.
>
> ADJUSTED LARD READERS TO NEW TADG COMPLIANT HEIGHTS (AS INDICATED IN MOUNTING HEIGHTS SCHEDULE). PROVIDE CABLING/CONDUIT AS NECESSARY TO FACILITATE RECONNECTION TO DOOR SECURITY BOX.

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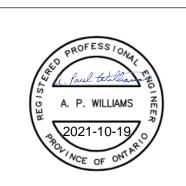
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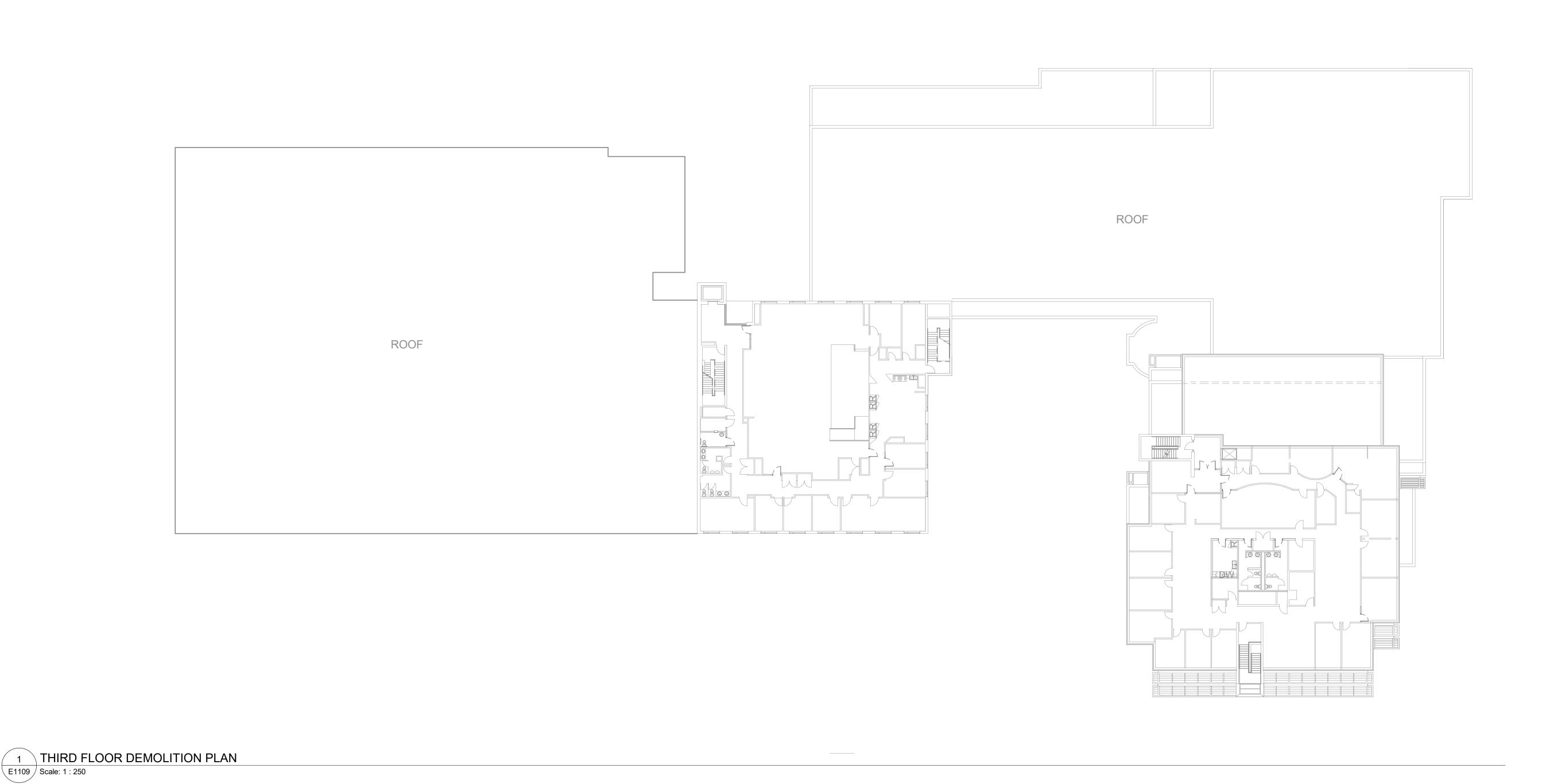
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SHEET TITLE ELECTRICAL DEMOLITION ENLARGED

PLAN 2ND FLOOR PART 3 SHEET NUMBER



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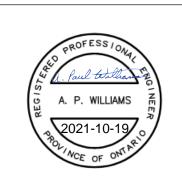
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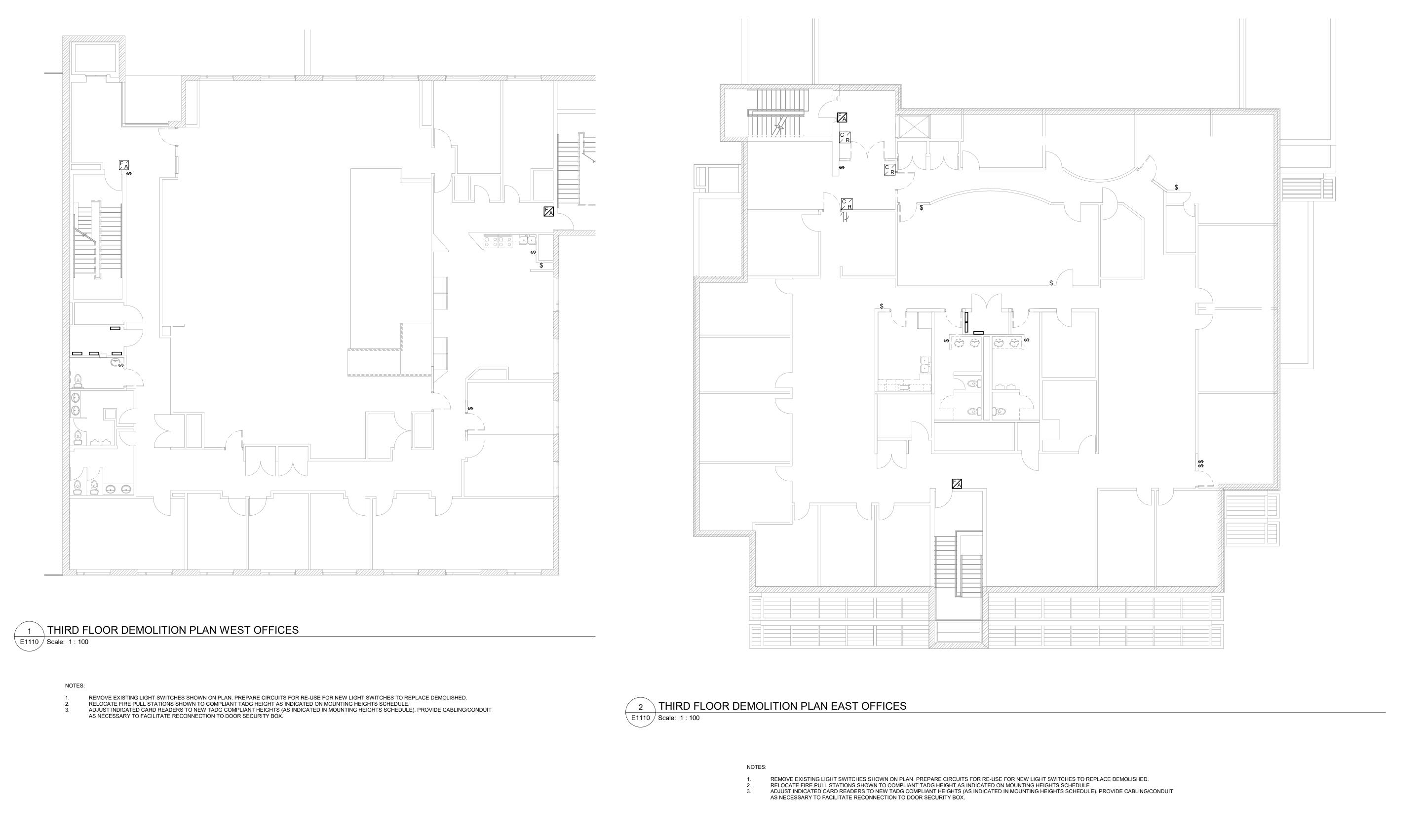
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ELECTRICAL DEMOLITION 3RD FLOOR

G08-229-E1109

E1109 Scale: 1 : 250

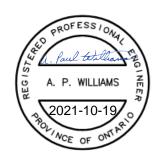


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PROJECT NO:

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SHEET TITLE

ELECTRICAL

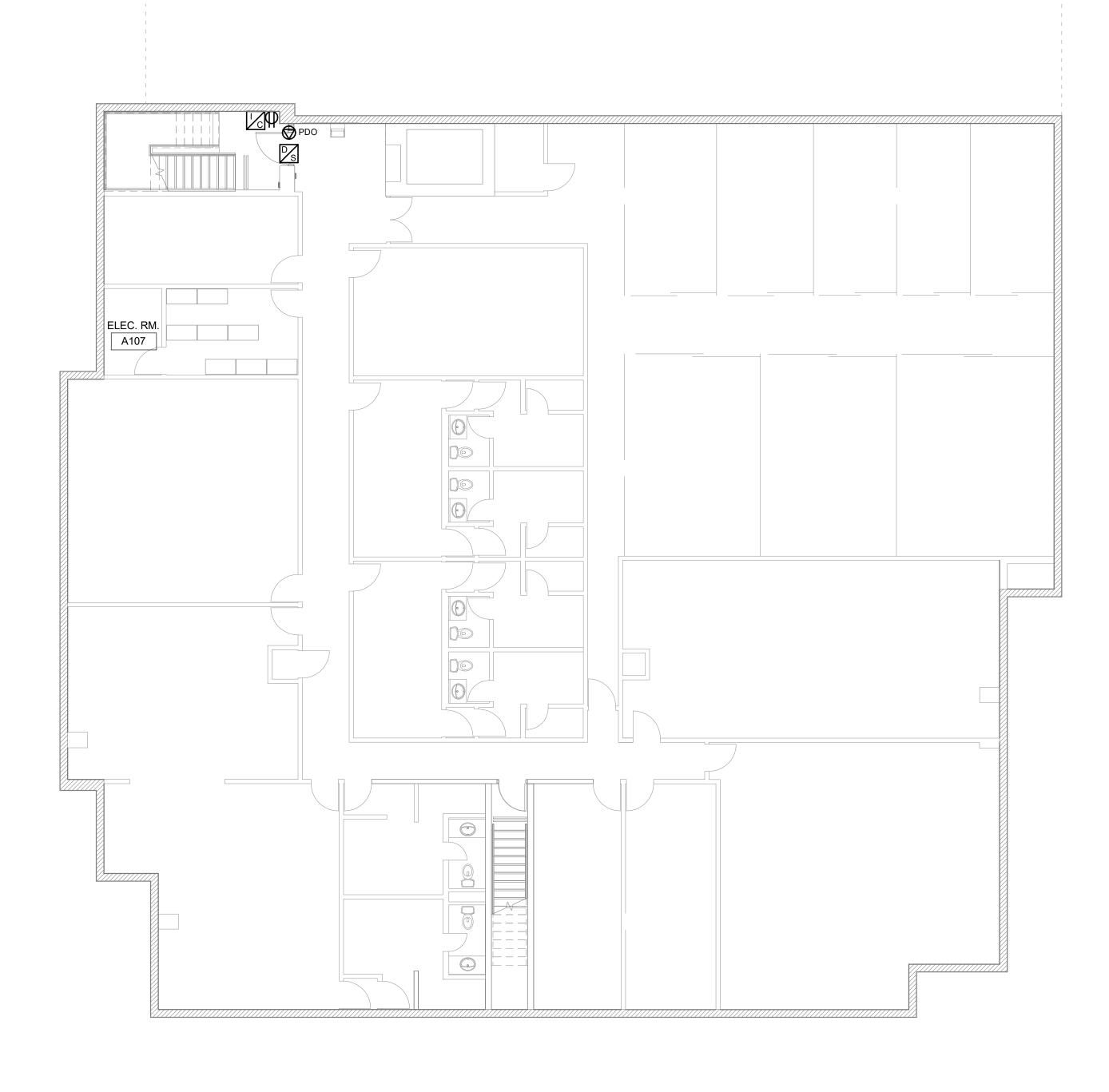
DEMOLITION ENLARGED
PLAN 3RD FLOOR
PARTIAL PLANS

NUMBER

G08-229-E1110

021-10-19 12:28:44 PM

ale 1:100 _______0 2.5 5 10



POWER & SYSTEMS BASEMENT PLAN E2100 | Scale: 1:100

PROVIDE INTERCOM TERMINAL UNIT FOR PROTECT IN PLACE AREA. RUN CATEGORY 6 CABLE TO FIRST FLOOR MAIN ELECTRICAL/SECURITY ROOM

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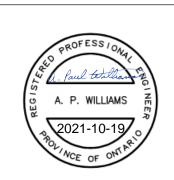
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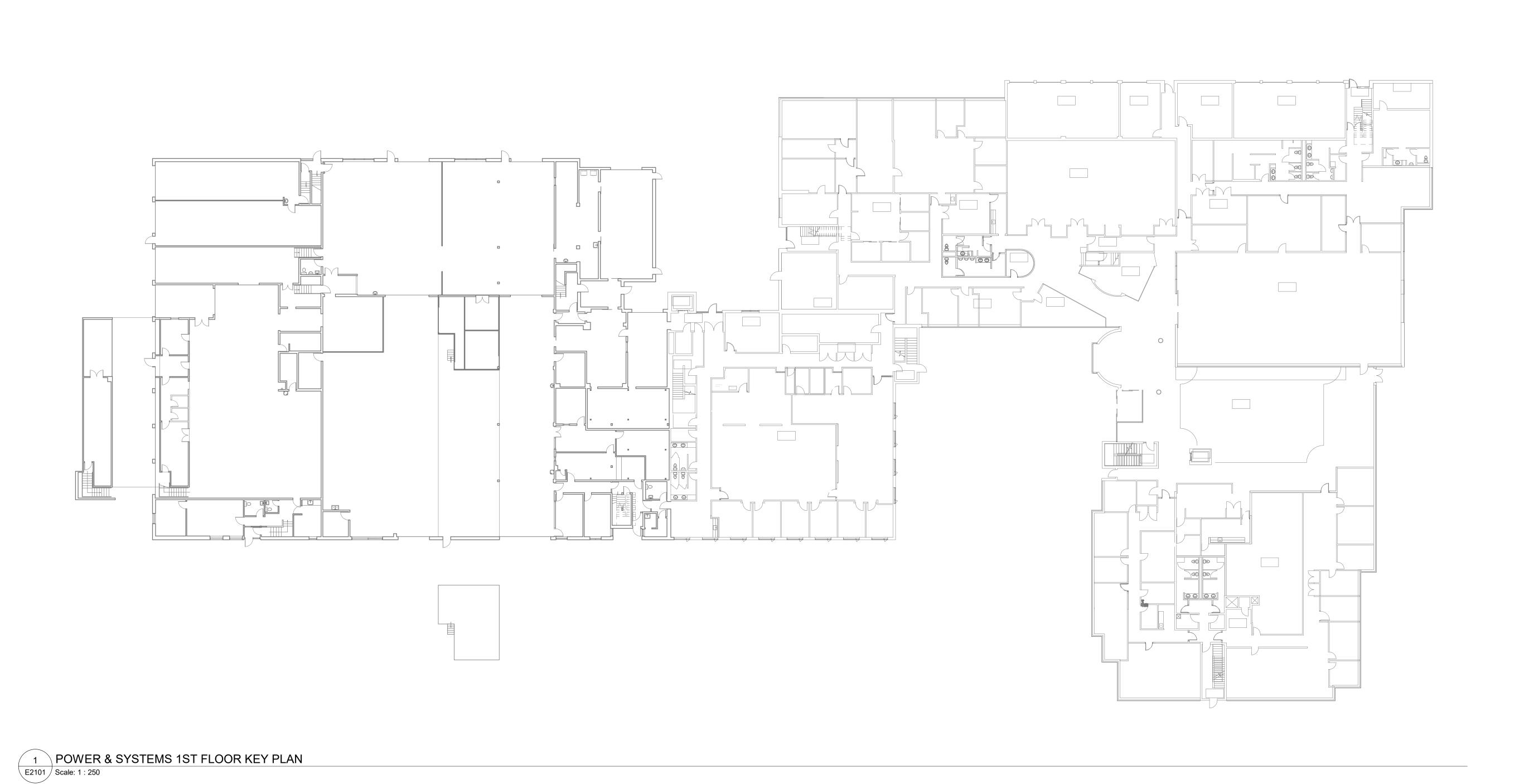
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4330 Dufferin St

PROJECT NO: 9119- 19- 0162 / IBI 122260

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SHEET TITLE POWER & SYSTEMS **BASEMENT PLAN**



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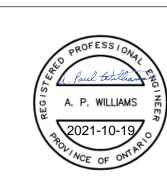
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PROJECT NO:

9119- 19- 0162 / IBI 122260 DRAWN BY:

CHECKED BY: P. WILLIAMS M.BOJIC APPROVED BY: **P. WILLIAMS** PROJECT MGR: F.BOLOURIAN SHEET TITLE

POWER & SYSTEMS PLAN 1ST FLOOR KEY PLAN



POWER & SYSTEMS PLAN 1ST FLOOR PART 1 E2103 | Scale: 1 : 150

- PROVIDE POWER DOOR OPERATOR CIRCUIT CONNECTION AS INDICATED. PROVIDE CONDUIT/WIRE TO PUSH BUTTON DEVICES FROM DOOR OPERATOR. SEE ARCHITECTURAL PROPOSED PLAN FOR LOCATION OF PUSH BUTTON/WAVE TO OPEN DEVICES. PROVIDE DOOR SECURITY DEVICES AS INDICATED. PROVIDE CONDUIT/WIRING TO ACCESS CONTROL/SECURITY DEVICES AS AS A SOURCE DOOR DEVICES AS A SOURCE DOOR DEVICES AS A SOURCE DOOR DEVICES AS A SOURCE DOOR DEVICES.
- CONDUIT/BOX SAME COLOUR TONE AS WALL BEHIND IT. ADJUST FIRE ALARM PULL STATION HEIGHT TO COMPLIANT HEIGHT (AS LISTED IN THE MOUNTING HEIGHTS SCHEDULE) FOR ALL

SHOWN. FOR DRYWALL AREAS CONCEAL CONDUIT AND BOXES. FOR BLOCK WALL AREAS SURFACE MOUNT CONDUIT AND PAINT

PULL STATIONS SHOWN. PROVIDE NEW LIGHTING SWITCHES AT LOCATIONS INDICATED TO REPLACE DEMOLISHED IN SAME AREA. RE-CONNECT EXISTING LIGHTING CIRCUITS TO NEW SWITCHES.

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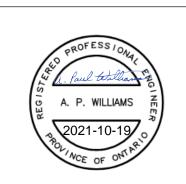
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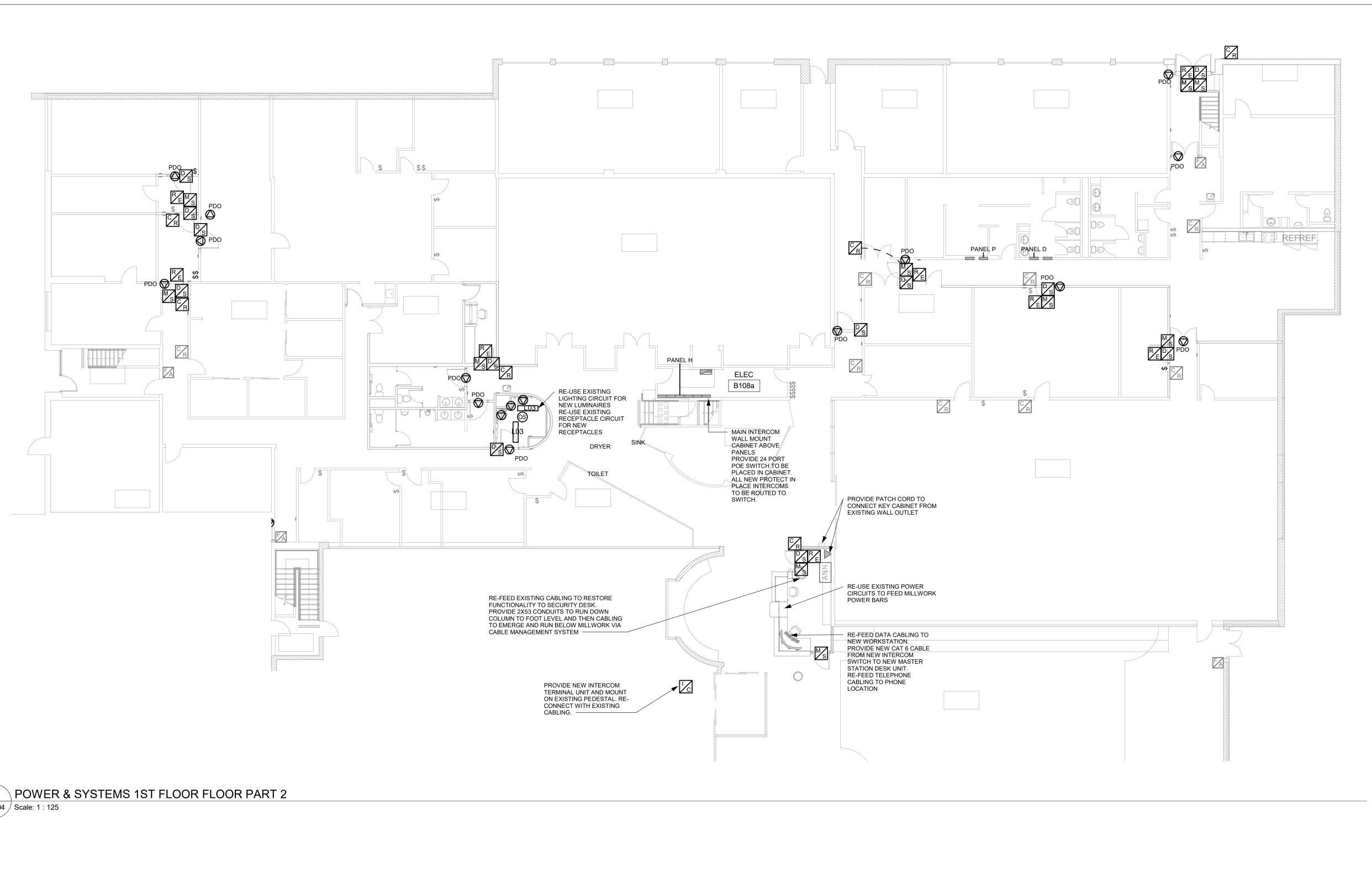
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PROJECT NO: 9119- 19- 0162 / IBI 122260

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SHEET TITLE POWER & SYSTEMS **ENLARGED PLAN 1ST** FLOOR PART 1

SHEET NUMBER G08-229-E2103



NOTES:

PROVIDE POWER DOOR OPERATOR CIRCUIT CONNECTION AS INDICATED. PROVIDE CONDUIT/WIRE TO PUSH BUTTON DEVICES FROM DOOR OPERATOR. SEE ARCHITECTURAL PROPOSED PLAN FOR LOCATION OF PUSH BUTTON/WAVE TO OPEN DEVICES. PROVIDE DOOR SECURITY DEVICES AS INDICATED. PROVIDE CONDUIT/WIRING TO ACCESS CONTROL/SECURITY DEVICES AS

- SHOWN. FOR DRYWALL AREAS CONCEAL CONDUIT AND BOXES. FOR BLOCK WALL AREAS SURFACE MOUNT CONDUIT AND PAINT CONDUIT/BOX SAME COLOUR TONE AS WALL BEHIND IT.
- ADJUST FIRE ALARM PULL STATION HEIGHT TO COMPLIANT HEIGHT (AS LISTED IN THE MOUNTING HEIGHTS SCHEDULE) FOR ALL PROVIDE NEW LIGHTING SWITCHES AT LOCATIONS INDICATED TO REPLACE DEMOLISHED IN SAME AREA. RE-CONNECT EXISTING
- PROVIDE NEW CIRCUIT CONNECTIONS AS SHOWN, 15A UNLESS OTHERWISE NOTED. NO MORE THAN 4 PDOS TO A CIRCUT PROVIDE SECURITY DEVICES AS INDICATED.

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CONSULTANTS



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PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Fire/EMS HQ & EMS Station

4330 Dufferin St

PROJECT NO:

9119- 19- 0162 / IBI 122260 DRAWN BY: CHECKED BY: Author Checker PROJECT MGR: APPROVED BY: F.BOLOURIAN Approver

SHEET TITLE POWER & SYSTEMS **ENLARGED PLAN 1ST** FLOOR PART 2

1 POWER & SYSTEMS PLAN 1ST FLOOR PART 3 E2105 | Scale: 1:100

- PROVIDE POWER DOOR OPERATOR CIRCUIT CONNECTION AS INDICATED. PROVIDE CONDUIT/WIRE TO PUSH BUTTON DEVICES FROM DOOR OPERATOR. SEE ARCHITECTURAL PROPOSED PLAN FOR LOCATION OF PUSH BUTTON/WAVE TO OPEN DEVICES.
- PROVIDE DOOR SECURITY DEVICES AS INDICATED. PROVIDE CONDUIT/WIRING TO ACCESS CONTROL/SECURITY DEVICES AS SHOWN. FOR DRYWALL AREAS CONCEAL CONDUIT AND BOXES. FOR BLOCK WALL AREAS SURFACE MOUNT CONDUIT AND PAINT
- CONDUIT/BOX SAME COLOUR TONE AS WALL BEHIND IT. ADJUST FIRE ALARM PULL STATION HEIGHT TO COMPLIANT HEIGHT (AS LISTED IN THE MOUNTING HEIGHTS SCHEDULE) FOR ALL
- PULL STATIONS SHOWN.

 PROVIDE NEW LIGHTING SWITCHES AT LOCATIONS INDICATED TO REPLACE DEMOLISHED IN SAME AREA. RE-CONNECT EXISTING LIGHTING CIRCUITS TO NEW SWITCHES.

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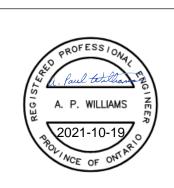
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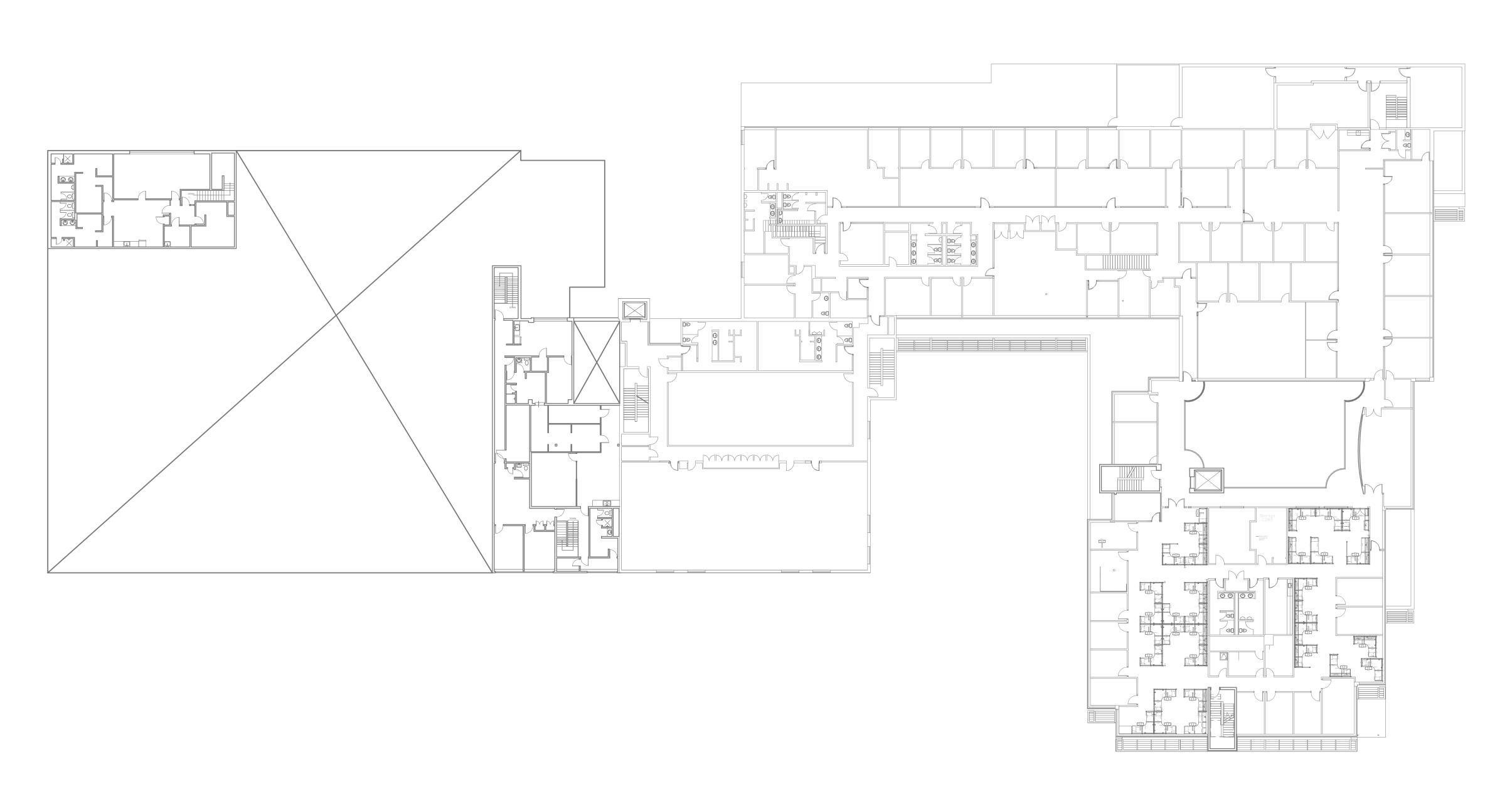
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SHEET TITLE POWER & SYSTEMS **ENLARGED PLAN 1ST** FLOOR PART 3

G08-229-E2105 **0**



1 POWER & SYSTEMS 2ND FLOOR KEY PLAN E2106 | Scale: 1 : 250

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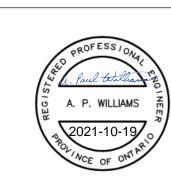
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PROJECT ADDRESS Fire/EMS HQ & EMS Station

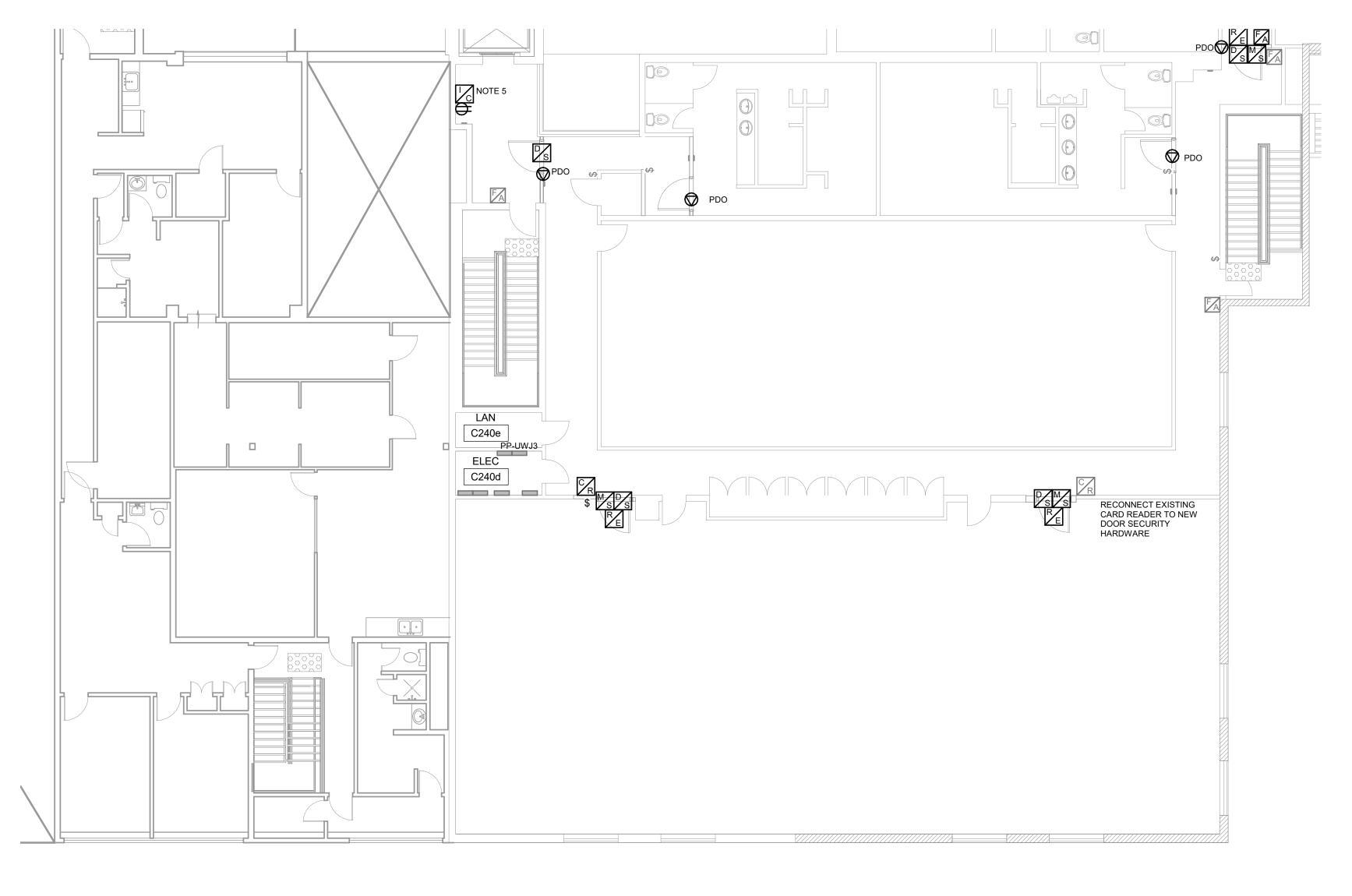
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CHECKED BY: P. WILLIAMS M.BOJIC APPROVED BY: **P. WILLIAMS** PROJECT MGR: F.BOLOURIAN SHEET TITLE

POWER & SYSTEMS PLAN 2ND FLOOR KEY PLAN

SHEET NUMBER



1 POWER & SYSTEMS PLAN 2ND FLOOR PART 1 E2107 | Scale: 1:100

NOTES:

- PROVIDE POWER DOOR OPERATOR CIRCUIT CONNECTION AS INDICATED. PROVIDE CONDUIT/WIRE TO PUSH BUTTON DEVICES FROM DOOR OPERATOR. SEE ARCHITECTURAL PROPOSED PLAN FOR LOCATION OF PUSH BUTTON/WAVE TO OPEN DEVICES. PROVIDE DOOR SECURITY DEVICES AS INDICATED. PROVIDE CONDUIT/WIRING TO ACCESS CONTROL/SECURITY DEVICES AS
- SHOWN. FOR DRYWALL AREAS CONCEAL CONDUIT AND BOXES. FOR BLOCK WALL AREAS SURFACE MOUNT CONDUIT AND PAINT
- CONDUIT/BOX SAME COLOUR TONE AS WALL BEHIND IT. ADJUST FIRE ALARM PULL STATION HEIGHT TO COMPLIANT HEIGHT (AS LISTED IN THE MOUNTING HEIGHTS SCHEDULE) FOR ALL
- PROVIDE NEW LIGHTING SWITCHES AT LOCATIONS INDICATED TO REPLACE DEMOLISHED IN SAME AREA. RE-CONNECT EXISTING
- LIGHTING CIRCUITS TO NEW SWITCHES.
 PROVIDE INTERCOM TERMINAL UNIT FOR PROTECT IN PLACE AREA. RUN CATEGORY 6 CABLE TO FIRST FLOOR ELECTRICAL ROOM

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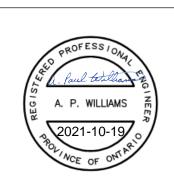
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PROJECT ADDRESS Fire/EMS HQ & EMS Station

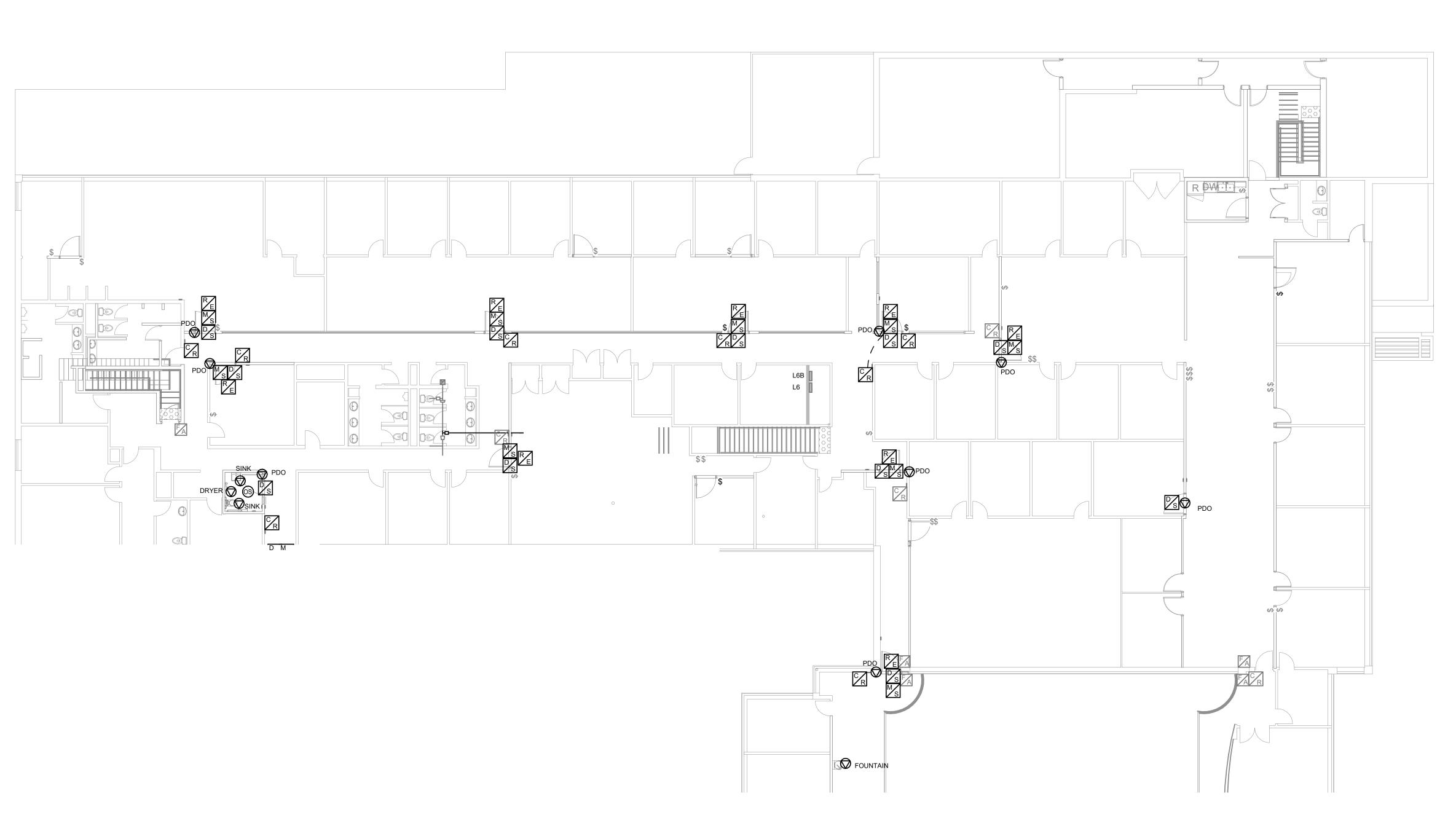
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SHEET TITLE POWER & SYSTEMS ENLARGED PLAN 2ND FLOOR PART 1

SHEET NUMBER



1 POWER & SYSTEMS 2ND FLOOR PLAN PART 2 E2108 | Scale: 1 : 125

- PROVIDE POWER DOOR OPERATOR CIRCUIT CONNECTION AS INDICATED. PROVIDE CONDUIT/WIRE TO PUSH BUTTON DEVICES FROM DOOR OPERATOR. SEE ARCHITECTURAL PROPOSED PLAN FOR LOCATION OF PUSH BUTTON/WAVE TO OPEN DEVICES.
- PROVIDE DOOR SECURITY DEVICES AS INDICATED. PROVIDE CONDUIT/WIRING TO ACCESS CONTROL/SECURITY DEVICES AS
- SHOWN. FOR DRYWALL AREAS CONCEAL CONDUIT AND BOXES. FOR BLOCK WALL AREAS SURFACE MOUNT CONDUIT AND PAINT CONDUIT/BOX SAME COLOUR TONE AS WALL BEHIND IT.

 ADJUST FIRE SURFACE MOUNT SCHOOLS SCHOOLS FOR ALL STATIONS SURFACE MOUNT CONDUIT AND PAINT CONDUIT HOLD SCHOOLS SCHO
- PROVIDE NEW LIGHTING SWITCHES AT LOCATIONS INDICATED TO REPLACE DEMOLISHED IN SAME AREA. RE-CONNECT EXISTING LIGHTING CIRCUITS TO NEW SWITCHES.

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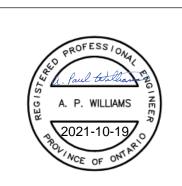
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SHEET TITLE POWER & SYSTEMS **ENLARGED PLAN 2ND** FLOOR PART 2

G08-229-E2108 **0**

POWER & SYSTEMS PLAN 2ND FLOOR PART 3

NOTES:

- PROVIDE POWER DOOR OPERATOR CIRCUIT CONNECTION AS INDICATED. PROVIDE CONDUIT/WIRE TO PUSH BUTTON DEVICES FROM DOOR OPERATOR. SEE ARCHITECTURAL PROPOSED PLAN FOR LOCATION OF PUSH BUTTON/WAVE TO OPEN DEVICES. PROVIDE DOOR SECURITY DEVICES AS INDICATED. PROVIDE CONDUIT/WIRING TO ACCESS CONTROL/SECURITY DEVICES AS
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- PULL STATIONS SHOWN. PROVIDE NEW LIGHTING SWITCHES AT LOCATIONS INDICATED TO REPLACE DEMOLISHED IN SAME AREA. RE-CONNECT EXISTING
- PROVIDE INTERCOM TERMINAL UNIT FOR PROTECT IN PLACE AREA. RUN CATEGORY 6 CABLE TO FIRST FLOOR ELECTRICAL ROOM

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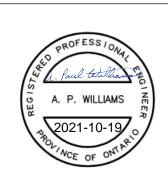
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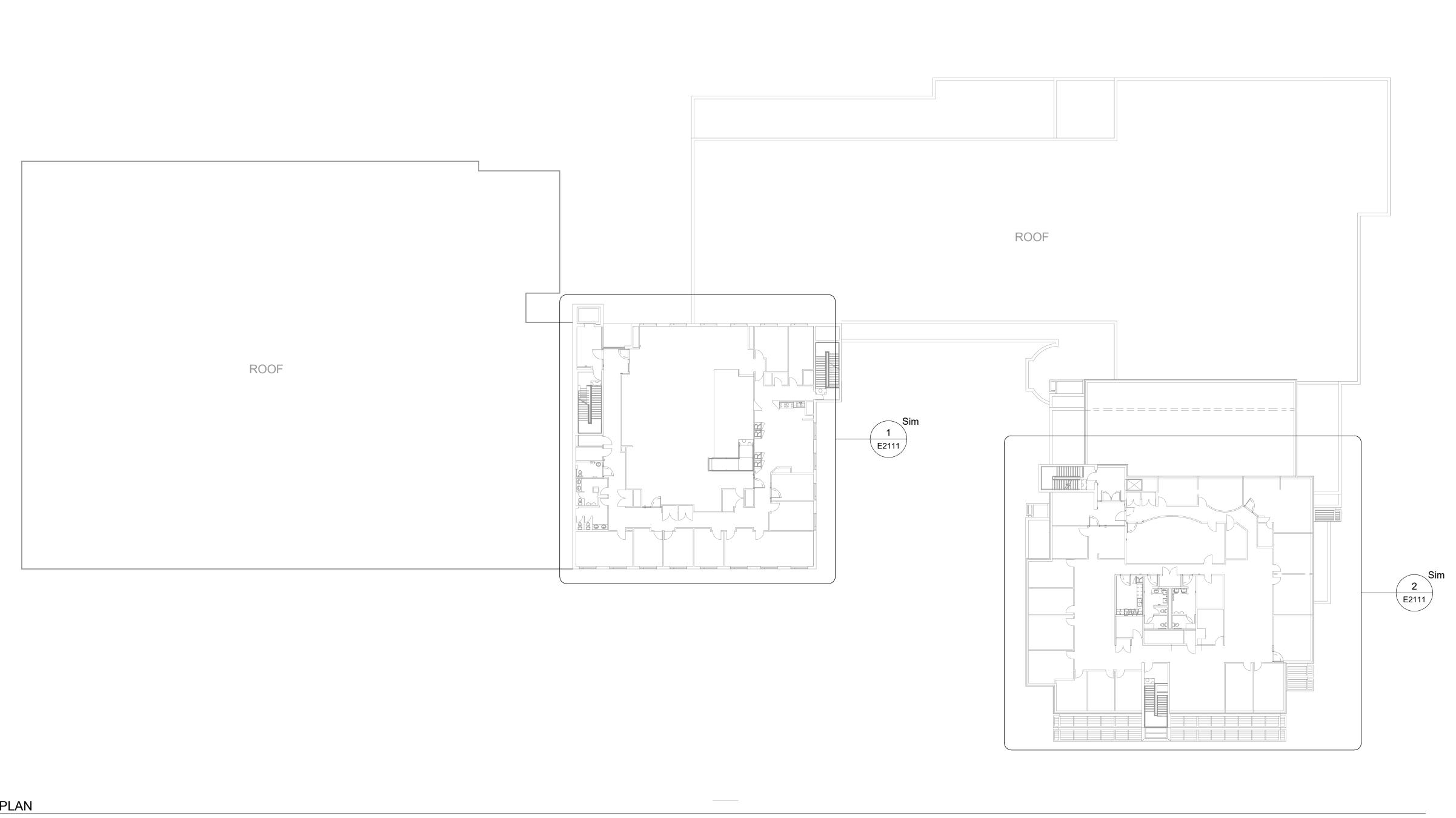
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SHEET TITLE POWER & SYSTEMS **ENLARGED PLAN 2ND** FLOOR PART 3



1 THIRD FLOOR KEY PLAN E2110 Scale: 1 : 250

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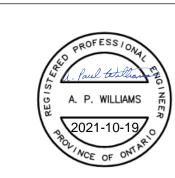
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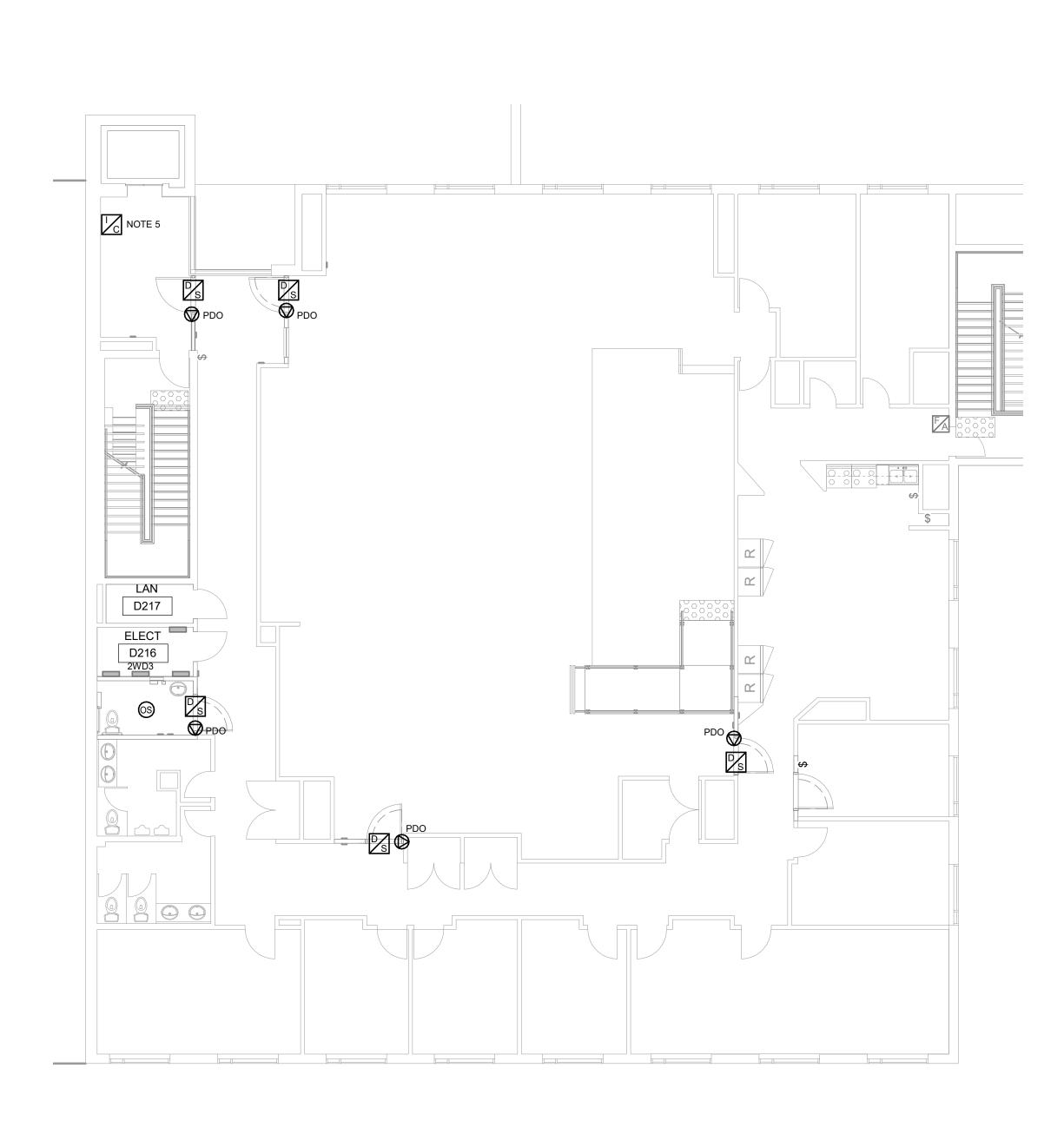
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Approver PROJECT MGR: F.BOLOURIAN

SHEET TITLE POWER & SYSTEMS PLAN 3RD FLOOR KEY PLAN

Scale 1:250 25 m





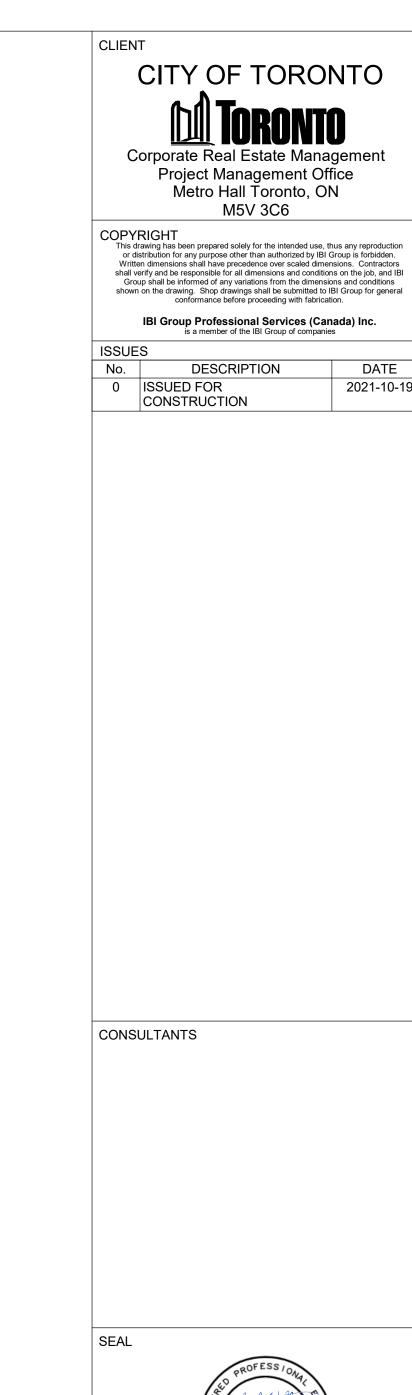
NOTES:

- PROVIDE POWER DOOR OPERATOR CIRCUIT CONNECTION AS INDICATED. PROVIDE CONDUIT/WIRE TO PUSH BUTTON DEVICES FROM DOOR OPERATOR. SEE ARCHITECTURAL PROPOSED PLAN FOR LOCATION OF PUSH BUTTON/WAVE TO OPEN DEVICES. PROVIDE DOOR SECURITY DEVICES AS INDICATED. PROVIDE CONDUIT/WIRING TO ACCESS CONTROL/SECURITY DEVICES AS
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- CONDUIT/BOX SAME COLOUR TONE AS WALL BEHIND IT. ADJUST FIRE ALARM PULL STATION HEIGHT TO COMPLIANT HEIGHT (AS LISTED IN THE MOUNTING HEIGHTS SCHEDULE) FOR ALL
- PULL STATIONS SHOWN. PROVIDE NEW LIGHTING SWITCHES AT LOCATIONS INDICATED TO REPLACE DEMOLISHED IN SAME AREA. RE-CONNECT EXISTING
- PROVIDE INTERCOM TERMINAL UNIT FOR PROTECT IN PLACE AREA. RUN CATEGORY 6 CABLE TO FIRST FLOOR ELECTRICAL ROOM VIA 2ND FLOOR LAN ROOM d217 AND DROP TO FIRST FLOOR.

2 POWER & SYSTEMS ENLARGED PLAN EAST OFFICES

NOTES:

- PROVIDE POWER DOOR OPERATOR CIRCUIT CONNECTION AS INDICATED. PROVIDE CONDUIT/WIRE TO PUSH BUTTON DEVICES FROM DOOR OPERATOR. SEE ARCHITECTURAL PROPOSED PLAN FOR LOCATION OF PUSH BUTTON/WAVE TO OPEN DEVICES.
- PROVIDE DOOR SECURITY DEVICES AS INDICATED. PROVIDE CONDUIT/WIRING TO ACCESS CONTROL/SECURITY DEVICES AS SHOWN. FOR DRYWALL AREAS CONCEAL CONDUIT AND BOXES. FOR BLOCK WALL AREAS SURFACE MOUNT CONDUIT AND PAINT CONDUIT/BOX SAME COLOUR TONE AS WALL BEHIND IT.
- ADJUST FIRE ALARM PULL STATION HEIGHT TO COMPLIANT HEIGHT (AS LISTED IN THE MOUNTING HEIGHTS SCHEDULE) FOR ALL
- PROVIDE NEW LIGHTING SWITCHES AT LOCATIONS INDICATED TO REPLACE DEMOLISHED IN SAME AREA. RE-CONNECT EXISTING LIGHTING CIRCUITS TO NEW SWITCHES.
- PROVIDE INTERCOM TERMINAL UNIT FOR PROTECT IN PLACE AREA. RUN CATEGORY 6 CABLE DOWN TO FIRST FLOOR ELECTRICAL





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PROJECT MGR: APPROVED BY: F.BOLOURIAN **Approver** SHEET TITLE

POWER & SYSTEMS 3RD FLOOR PARTIAL PLANS

SHEET NUMBER G08-229-E2111

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