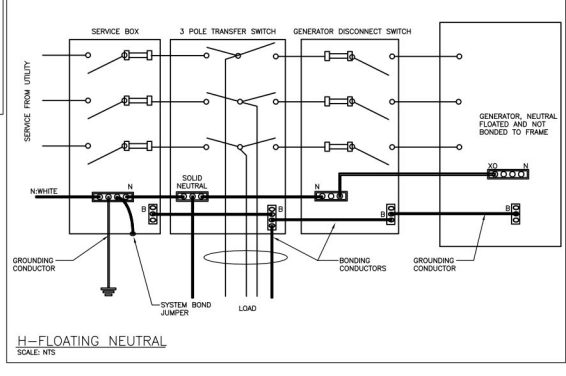
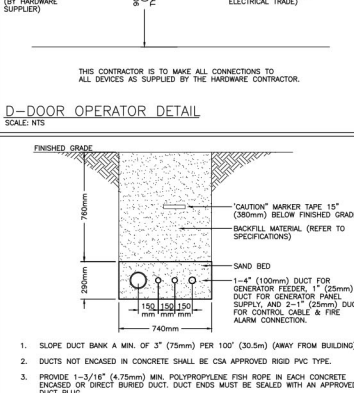
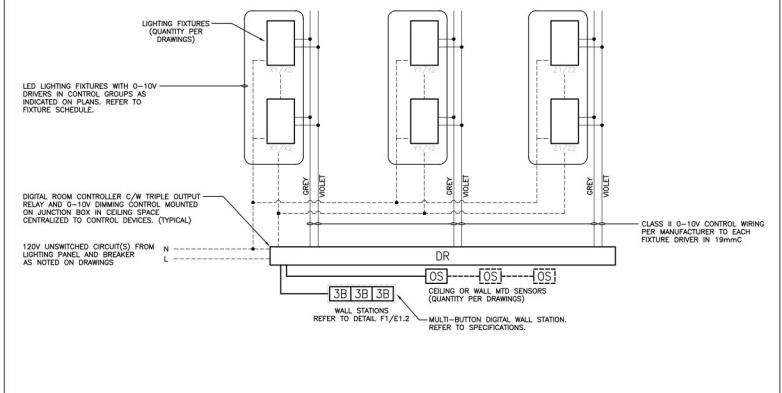
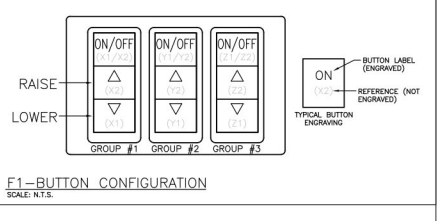


Item	Manufacturer/Catalog Number	Voltage	Lamp	Mounting	Description
A	LITHONIA CAT. #CPX-2X4-AL07-SW07-M4 SIGNIFY CAT. #258P3550LBCS-4-UNV-DM	120V	LED 2649 LUMENS 4000K 28W	SURFACE	2'X4' LED FLAT PANEL TROFFER C/W WHITE FINISH. [SET FIXTURE TO 'MED' AND '4000K' SETTINGS]
B	LITHONIA CAT. #CPX-1X4-AL07-SW07-M4 C/W 1X45MESH SIGNIFY CAT. #18BP340LBCS-4-UNV-DM C/W PFT4	120V	LED 2584 LUMENS 4000K 20W	SURFACE	1'X4' LED FLAT PANEL TROFFER C/W SURFACE MOUNT KIT C/W WHITE FINISH. [SET FIXTURE TO 'LOW' AND '4000K' SETTINGS]
E	LITHONIA CAT. #CSS-LS6-8000LM-MVOLT-40K-80CR	120V	LED 8585 LUMENS 4000K 72W	SUSPENDED	1'X8' MVOLT LED STRIP LIGHT C/W LOW-GLARE DIFFUSE LENS
F	COOPER CAT. #CSS L48 AL03 UM01 SW03 80CR C/W WZSS	120V 347	LED 1301 LUMENS 4000K 48W	SURFACE/SUSPENDED	4' (120mm) SURFACE LED STRIP LIGHT C/W WIDE LENS OPTICAL DISTRIBUTION; WIRE GUARD ACCESSORY.
F1	COOPER CAT. #CSS L48 AL04 UM01 SW03 80CR C/W WZSS	120V 347	LED 1301 LUMENS 4000K 48W	SURFACE/SUSPENDED	4' (240mm) SURFACE LED STRIP LIGHT C/W WIDE LENS OPTICAL DISTRIBUTION; WIRE GUARD ACCESSORY.
G	PHILIPS CAT. #1415/LED/82/FR/P/4/2/8	120V	LED 1000 LUMENS 4000K 14W	RETROFIT	LED REPLACEMENT E26 SOCKET LIGHT BULB TO REPLACE EXISTING BULB. EXISTING SOCKET TYPE TO BE CONFIRMED.
H	LITHONIA CAT. #CPX-LS6-AL04-347V-40K-80CR-MUFN02	347V	LED 4000 LUMENS 4000K 50W	SUSPENDED	8' (240mm) SURFACE LED STRIP LIGHT C/W WIDE LENS OPTICAL DISTRIBUTION; WET LOCATION LISTED COMPLETE WITH WET LOCATION END CAPS.
EXIT LIGHTS	BEGHELLI CAT. #ORMLUMULOR EMEROLITE CAT. #EAKW LUMACELL CAT. #AKW STANPRO CAT. #MXL0WHDC AMULITE CAT. #RMLUMULOWDC READY-LITE CAT. #RA-M-U	12V/120V	LED 250 WATT (MAX) 2 WATT (MAX) 30C	SURFACE	LED EXTRUDED ALUMINUM PICTOGRAM FIXTURE C/W GREEN FACE AND WHITE LENSING. UNIVERSAL MOUNTING TO SUIT WALL, END OR CEILING AND MAXIMUM 63mm (2.5") THICKNESS.
EMERGENCY LIGHTS	BEGHELLI CAT. #SR-10LED & SR-20LED LUMACELL CAT. #M0MLD7 & M0MLD7 EMEROLITE CAT. #E710LG & E710LG STANPRO CAT. #N124WUJ & N134WUJ AMULITE CAT. #RML124WUHT & RML124WUHT READY-LITE CAT. #R-M-1-LD7 & R-M-2-LD7	12V	LED 4W MR16	SURFACE	LED FIXTURE C/W COMPACT DESIGN WITH VARIABLE LIGHT PATTERN, WHITE COLOUR AND 360° ROTATION.
COMBO UNIT	BEGHELLI CAT. EM-1 #R1236L1M1M1R23WNR0UR EM-2 #R1272L1M1M1R23WNR0UR EMEROLITE CAT. #E710LG & E710LG LUMACELL CAT. #EACW1250LG EM-1 #EACW1250LG EM-2 #EACW1250LG EM-1 #EACW1250LG EM-2 #EACW1250LG STANPRO CAT. EM-1 #PRM1272024LR EM-2 #PRM1272024LR AMULITE CAT. EM-1 #CARP1272U2M0MWHIT EM-2 #CARP1272U2M0MWHIT READY-LITE CAT. EM-1 #R1M1280LD7 EM-2 #R1M1280LD7	12V/120V	LED 18W MR16	SURFACE	LED EXTRUDED ALUMINUM PICTOGRAM FIXTURE C/W GREEN FACE AND WHITE LENSING. UNIVERSAL MOUNTING TO SUIT WALL, END OR CEILING. MAXIMUM 63mm (2.5") THICKNESS AND 12V INTERNAL SEALED RECHARGEABLE BATTERY PROVIDING MINIMUM EMERGENCY BATTERY AS NOTED BY THE CATALOGUE NUMBER. INTEGRAL 12V LED HEADS TO HAVE COMPACT DESIGN WITH VARIABLE LIGHT PATTERN, WHITE COLOUR, AND 360° ROTATION. UNIT SHALL OPERATE ON 12V, WHERE NOTED UNIT SHALL BE C/W WIREGUARD.
EMERGENCY BATT.	BEGHELLI NV12 SERIES: EM-3 #NV12-360/2SR EM-4 #NV12-100/2SR EM-5 #NV12-200/2SR EM-6 #NV12-360/2SR EMEROLITE CAT. #12LS SERIES LUMACELL CAT. #R2S SERIES STANPRO CAT. #R4-12 SERIES AMULITE CAT. #EBST12 SERIES READY-LITE CAT. #R12VX SERIES	12V/120V	N/A	SURFACE	LONG LIFE, SEALED BATTERY, C/W MICRO SIZE 12V 4W (MINIMUM) LED HEADS.



The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings shall remain the property of the Consultant and shall not be used for any other project without the written consent of the Consultant. The drawings are not to be duplicated or copied without the consent of the Consultant. The drawings are not to be used for any other project without the written consent of the Consultant.

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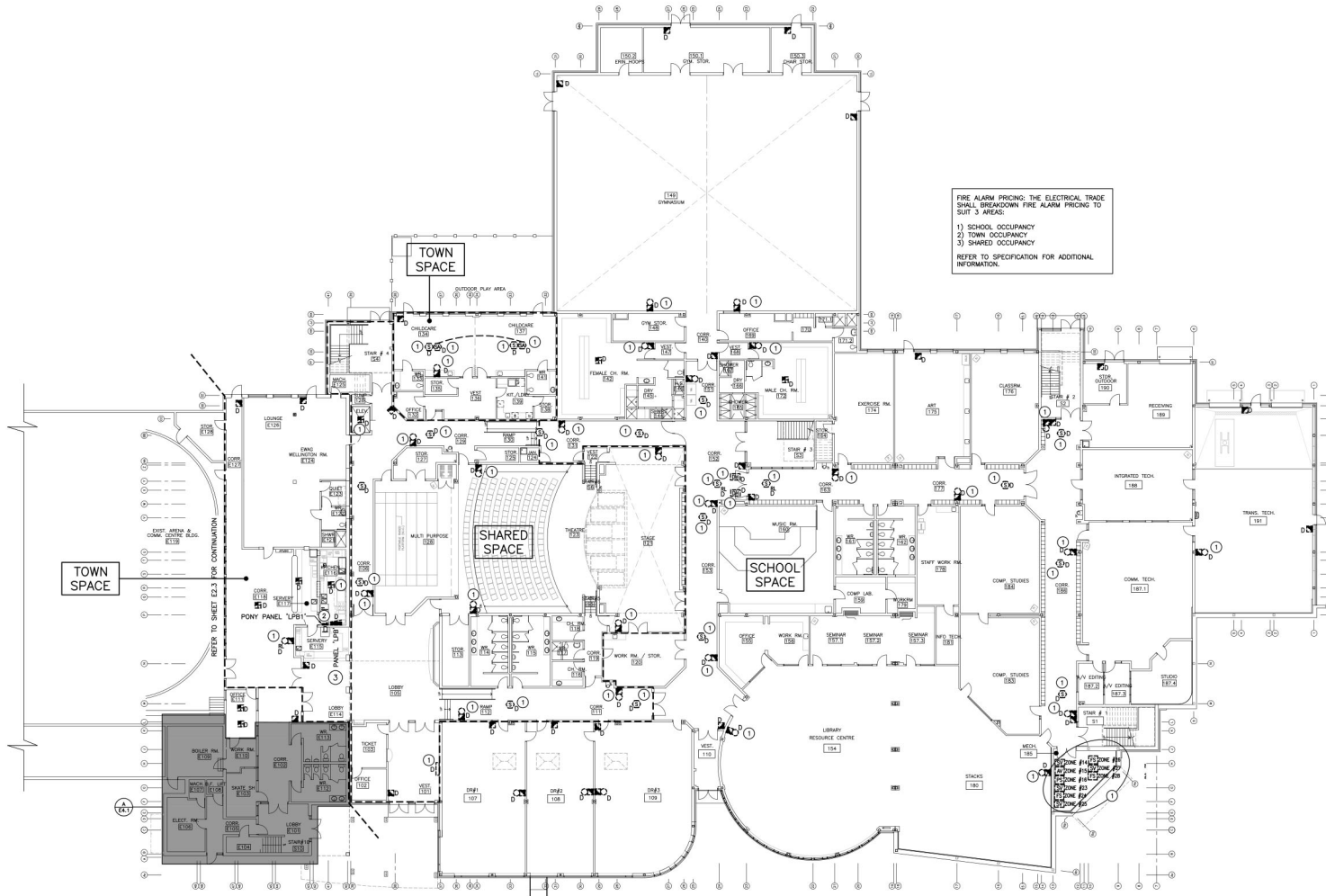
MECHANICAL ELECTRICAL PLUMBING

PROJECT: RENOVATIONS FOR ERIN COMMUNITY CENTRE  
14 BCLAND DRIVE ONTARIO

SHEET TITLE: DETAILS AND SCHEDULE

NO.	DATE	REVISION

PROJ. NO.	21-159
DATE	NOV 2022
DRAWN BY	SD
CHECKED BY	SD
SCALE	AS NOTED
DATE PLOTTED	3/21/2024
DRAWING NO.	E1.2



FIRE ALARM PRICING: THE ELECTRICAL TRADE SHALL BREAKDOWN FIRE ALARM PRICING TO SUIT 3 AREAS:

- 1) SCHOOL OCCUPANCY
- 2) TOWN OCCUPANCY
- 3) SHARED OCCUPANCY

REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.

GROUND FLOOR PLAN – DEMOLITION  
SCALE: 1:200

- GENERAL DEMOLITION NOTES**
- 'ER' DENOTES EXISTING ITEM TO REMAIN.
  - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
  - 'R' INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT. UNLESS OTHERWISE NOTED.
  - 'D' INDICATES EXISTING ITEM TO BE DELETED. UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.
  - ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED.
- SPECIFIC DEMOLITION NOTES**
- 1 INDICATED DEVICE IS TO BE DISCONNECTED AND REMOVED COMPLETELY. MAINTAIN WIRING FOR REMOVAL TO NEW DEVICE LOCATION AS SHOWN ON THE RENOVATION PLANS.
  - 2 INDICATED PONY PANEL FEEDING OFF OF PANEL 'P' IS TO BE REMOVED COMPLETELY. REMOVE EXISTING MAINS WIRING. BRANCH CIRCUIT WIRING IS TO BE DISCONNECTED BUT MAINTAINED. REFER TO RENOVATION DRAWINGS FOR CONTINUATION.
  - 3 INDICATED PANEL IS TO BE RETROFIT. REFER TO RENOVATION PLANS FOR ADDITIONAL INFORMATION.




The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.  
The drawings show general arrangement of services. Follow as closely as actual building construction as given. Deviations, removal or relocation of service from Consultant before commencement of the work.  
The drawings do not indicate all offsets, fittings and accessories which may be required. Provide the same as make the required conditions.  
Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. Do not make any drawings.  
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CONSULTANT



MECHANICAL | ELECTRICAL | ACQUATIC

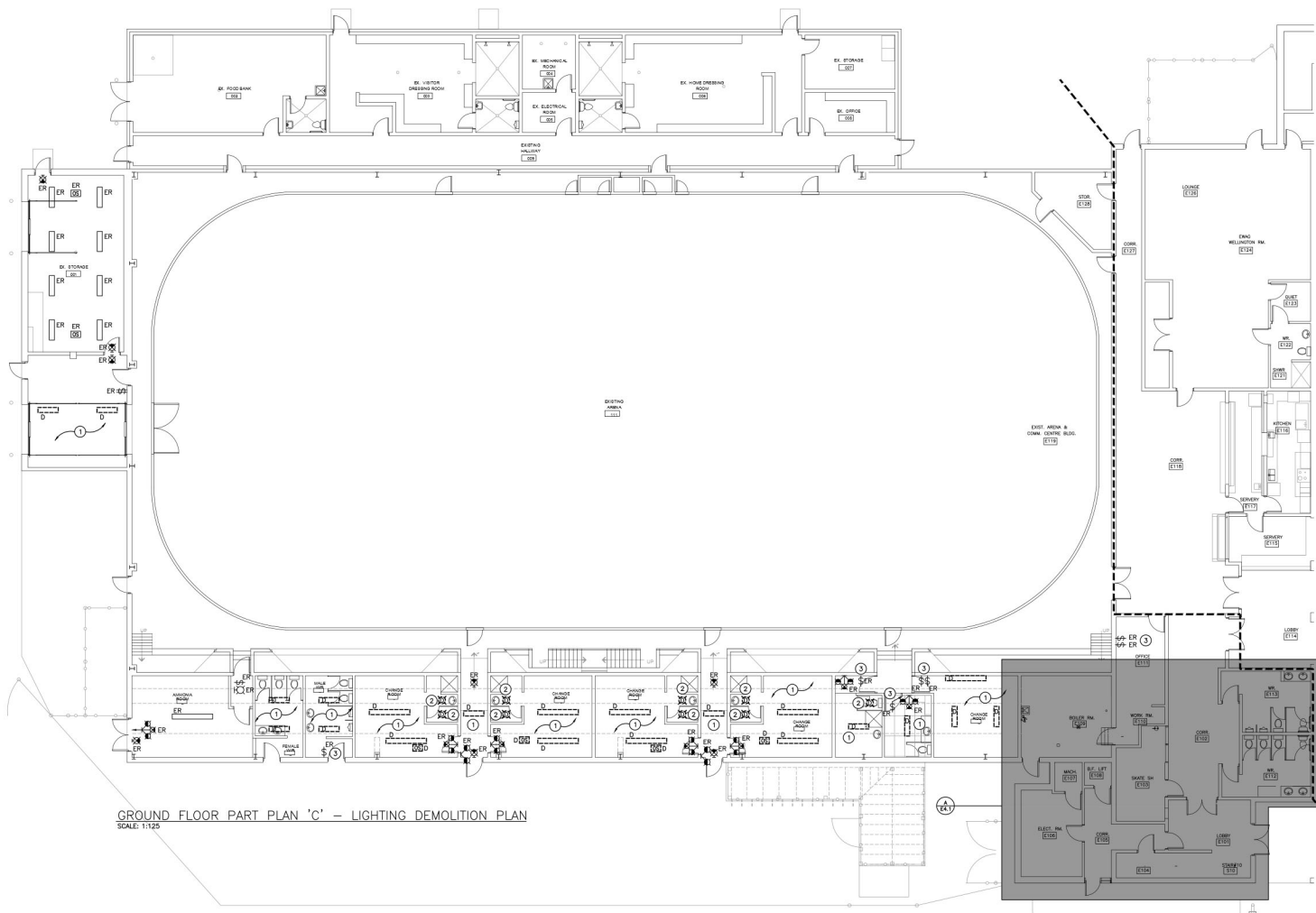
PROJECT: RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BOLAND DRIVE ONTARIO

SHEET TITLE:  
**GROUND FLOOR FIRE ALARM DEMOLITION PLAN**

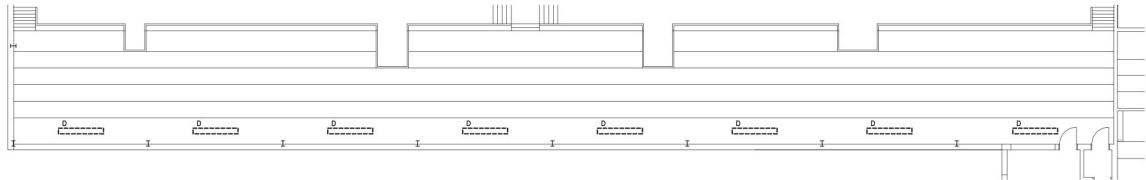
NO.	REVISION	DATE

<p>PROJ. NO. 21-159</p> <p>DATE NOV 2022</p> <p>DRAWN BY SD</p> <p>CHECKED SD</p> <p>SCALE AS NOTED</p> <p>DATE PLOTTED 3/21/2024</p>	<p>DRAWING NO. <b>E2.1</b></p>
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GROUND FLOOR PART PLAN 'C' - LIGHTING DEMOLITION PLAN  
SCALE: 1:125



SECOND FLOOR PART PLAN 'D' - LIGHTING DEMOLITION PLAN  
SCALE: 1:125

- GENERAL DEMOLITION NOTES**
- 'ER' DENOTES EXISTING ITEM TO REMAIN.
  - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
  - 'R' INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT, UNLESS OTHERWISE NOTED.
  - 'D' INDICATES EXISTING ITEM TO BE DELETED UNLESS OTHERWISE NOTED. DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.
  - ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED.
- SPECIFIC DEMOLITION NOTES**
- 1 MAINTAIN EXISTING LIGHTING CIRCUIT WITHIN AREA. RE-WORK CONTROLS AS NOTED ON THE RENOVATION DRAWING.
  - 2 MAINTAIN EXISTING FIXTURE HOUSING FOR RETROFIT. REFER TO RENOVATION PLANS.
  - 3 MAINTAIN EXISTING LIGHTING CONTROL FOR INDICATED FIXTURES. REFER TO RENOVATION PLAN FOR ADDITIONAL INFORMATION.




The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work. This drawing does not include all offsets, fittings and accessories which may be required. Drawings and specifications, etc. prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. Do not sign this drawing.




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CONSULTANT



DEI Consulting Engineers  
MECHANICAL / ELECTRICAL / AGRIATIC

PROJECT: RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BCLAND DRIVE ONTARIO

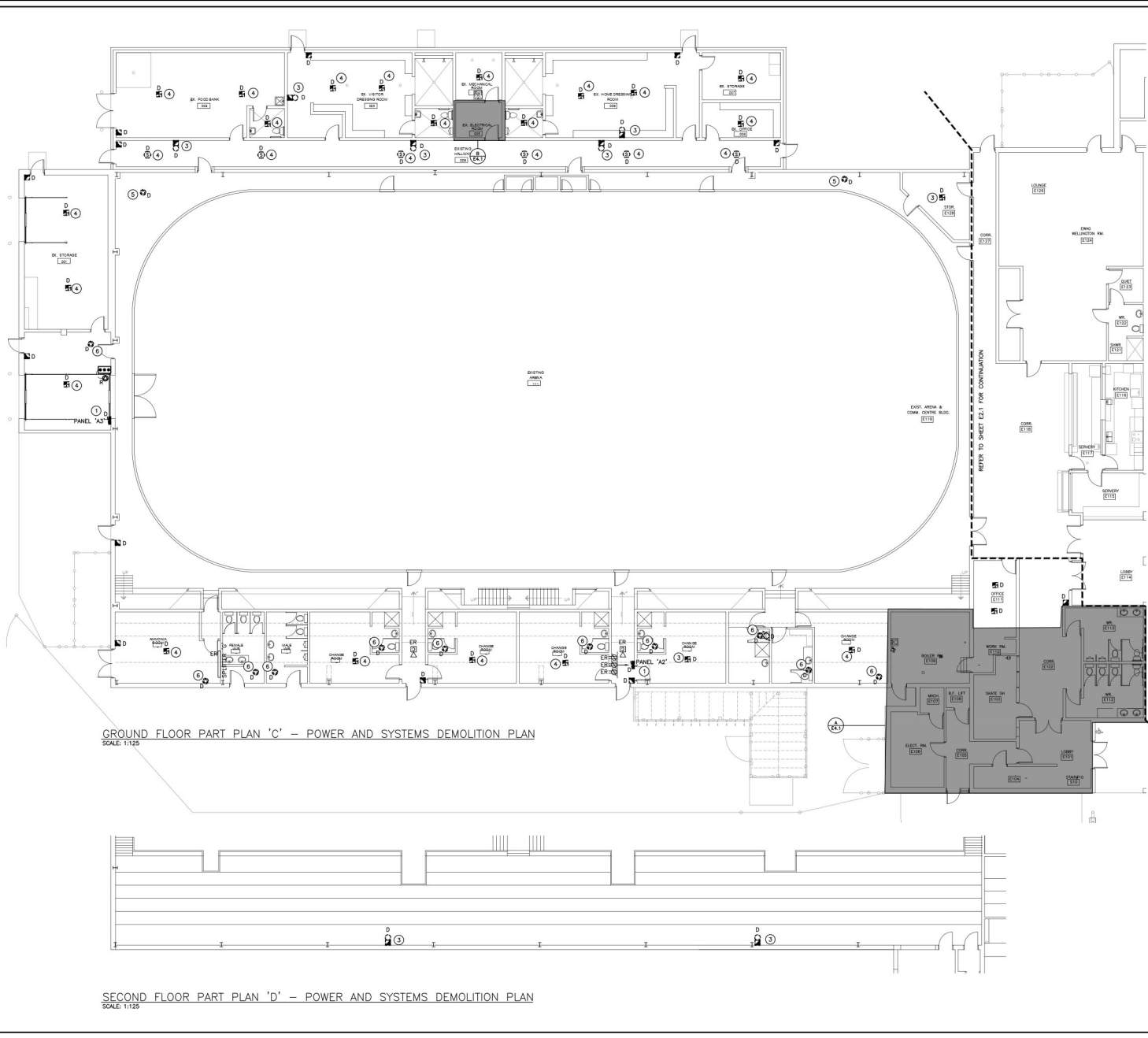
SHEET TITLE:  
**LIGHTING DEMOLITION PLAN**

NO.	DATE	REVISION	NO.	DATE	REVISION



J. JACKSON  
10001153  
3/20/24  
PROF. ENGINEER  
PROVINCE OF ONTARIO

PROJ. NO.	21-159
DATE	NOV 2022
DRAWN BY	SD
CHECKED BY	SD
SCALE	AS NOTED
DATE PLOTTED	3/21/2024
DRAWING NO.	E2.2



GROUND FLOOR PART PLAN 'C' - POWER AND SYSTEMS DEMOLITION PLAN  
SCALE: 1:125

SECOND FLOOR PART PLAN 'D' - POWER AND SYSTEMS DEMOLITION PLAN  
SCALE: 1:125

- GENERAL DEMOLITION NOTES**
- 'EX' DENOTES EXISTING ITEM TO REMAIN.
  - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
  - 'R' INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT, UNLESS OTHERWISE NOTED.
  - 'D' INDICATES EXISTING ITEM TO BE DELETED, UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.
  - ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED.
- SPECIFIC DEMOLITION NOTES**
- 1 INDICATED PANEL IS TO BE RETROFIT. REFER TO RENOVATION PLANS FOR ADDITIONAL INFORMATION.
  - 2 INDICATED PONY PANEL FEEDING OFF OF PANEL 'LPH' IS TO BE REMOVED COMPLETE. REMOVE EXISTING MAINS WIRING, BRANCH CIRCUIT WIRING IS TO BE DISCONNECTED BUT MAINTAINED. REFER TO RENOVATION DRAWINGS FOR CONTINUATION.
  - 3 INDICATED DEVICE IS TO BE DISCONNECTED AND REMOVED COMPLETE. MAINTAIN WIRING FOR REWORK TO NEW DEVICE LOCATION AS SHOWN ON THE RENOVATION PLANS.
  - 4 INDICATED DEVICE IS TO BE DISCONNECTED AND REMOVED COMPLETE. REMOVE WIRING BACK TO SOURCE.
  - 5 INDICATES MECHANICAL EQUIPMENT BEING DEMOLISHED AND BEING REPLACED WITH NEW BY MECHANICAL TRADE. THIS CONTRACTOR IS TO DISCONNECT FEED BACK TO SOURCE. REMOVE FUSED DISCONNECT. REFER TO RENOVATION PLAN DISTRIBUTION RISER DIAGRAM FOR MORE INFORMATION.
  - 6 INDICATES MECHANICAL EQUIPMENT BEING DEMOLISHED AND BEING REPLACED WITH NEW BY MECHANICAL TRADE. THIS CONTRACTOR IS TO DISCONNECT FEED BACK TO SOURCE. LABEL BREAKER AS SPARE.




The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building conditions will permit. Obtain approval for relocation of service from Consultant before commencement of the work. The drawings do not include all offsets, fittings and accessories which may be required. Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. 2022-09-08 10:45:00 AM



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**DEI**  
Consulting Engineers  
MECHANICAL, ELECTRICAL, PLUMBING

PROJECT: RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BCLAND DRIVE ONTARIO

SHEET TITLE:  
**POWER AND SYSTEMS  
DEMOLITION PLAN**

NO.	DATE	REVISION	NO.	DATE	REVISION



10001153  
3/20/24

PROJ. NO.	21-159
DATE	NOV 2022
DRAWN BY	SD
CHECKED BY	SD
SCALE	AS NOTED
DATE PLOTTED	3/21/2024
DRAWING NO.	E2.3

**GENERAL DEMOLITION NOTES**

- 'X' DENOTES EXISTING ITEM TO REMAIN.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- 'R' INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT, UNLESS OTHERWISE NOTED.
- 'D' INDICATES EXISTING ITEM TO BE DELETED, UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.
- ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED.

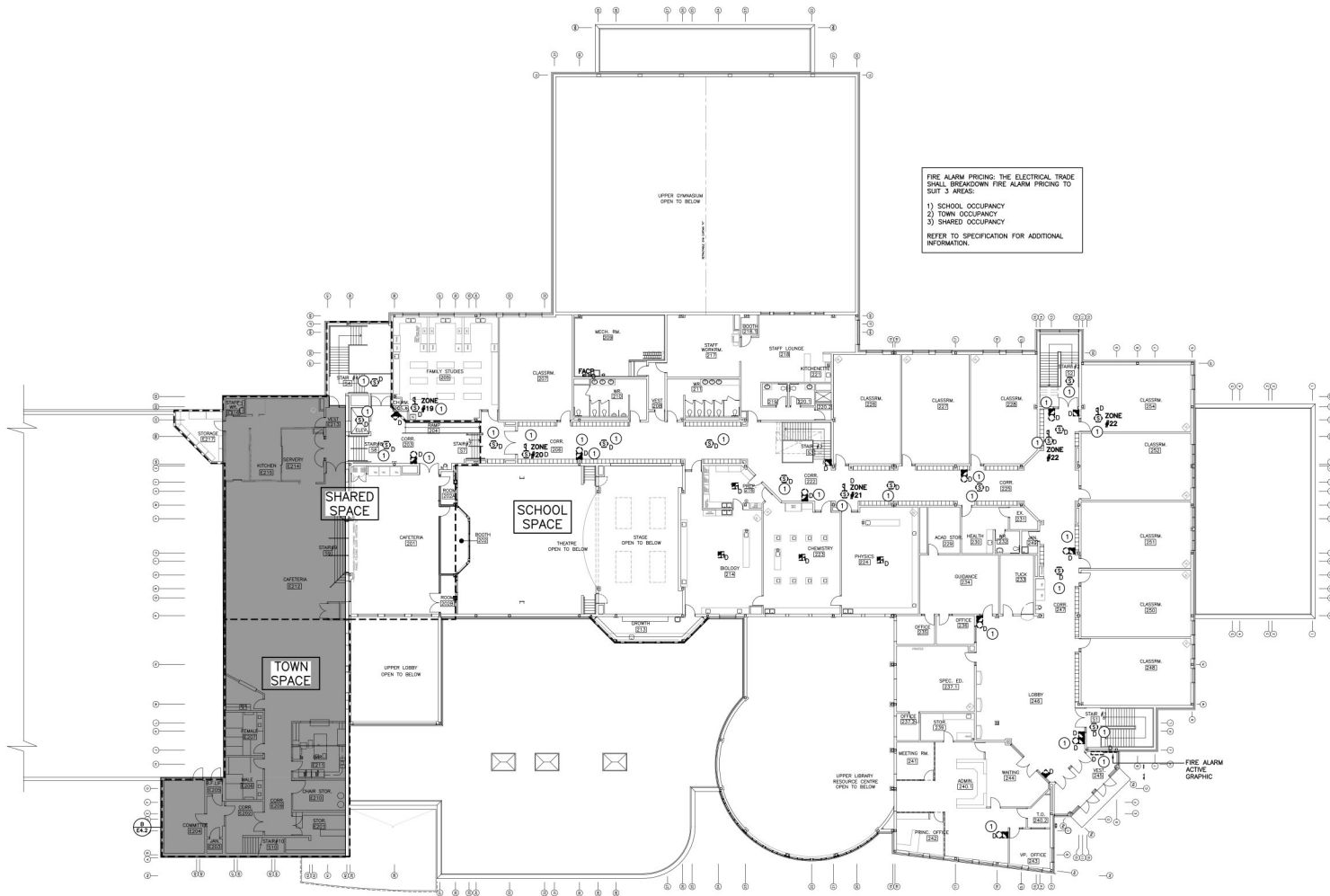
**SPECIFIC DEMOLITION NOTES**

1 INDICATED DEVICE IS TO BE DISCONNECTED AND REMOVED COMPLETELY. MAINTAIN WIRING FOR REMOVAL TO NEW DEVICE LOCATION AS SHOWN ON THE RENOVATION PLANS.

FIRE ALARM PRICING THE ELECTRICAL TRADE SHALL BREAKDOWN FIRE ALARM PRICING TO SUIT 3 AREAS:

- 1) SCHOOL OCCUPANCY
- 2) TOWN OCCUPANCY
- 3) SHARED OCCUPANCY

REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.



SECOND FLOOR PLAN - DEMOLITION  
SCALE: 1/200

The contractor shall verify all dimensions and report all errors and discrepancies to the consultant before commencement of the work.  
The drawings show general arrangement of services. Follow as closely as actual building construction and general design approved for reception of service from consultant before commencement of the work.  
The drawings do not indicate all effects (firing and accessories which may be required, provide the same to meet the required conditions and by the consultant are the responsibility of the consultant and must be verified at the completion of the project. These documents are not to be qualified or copied without the consent of the consultant. Do not scale this drawing.  
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CONSULTANT

**DEI**  
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MECHANICAL | ELECTRICAL | ARCHITECT

PROJECT RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BOLAND DRIVE ONTARIO

ERIN

SHEET TITLE  
**SECOND FLOOR FIRE ALARM  
DEMOLITION PLAN**

ISSUED FOR	DATE	REVISION
DELIVERY		

	<p>PROJ. NO. 21-159</p> <p>DATE NOV 2022</p> <p>DRAWN BY SD</p> <p>CHECKED SD</p> <p>SCALE AS NOTED</p> <p>DATE PLOTTED 3/21/2024</p> <p style="text-align: right;">DRAWING NO. <b>E2.4</b></p>
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**GENERAL RENOVATION NOTES**

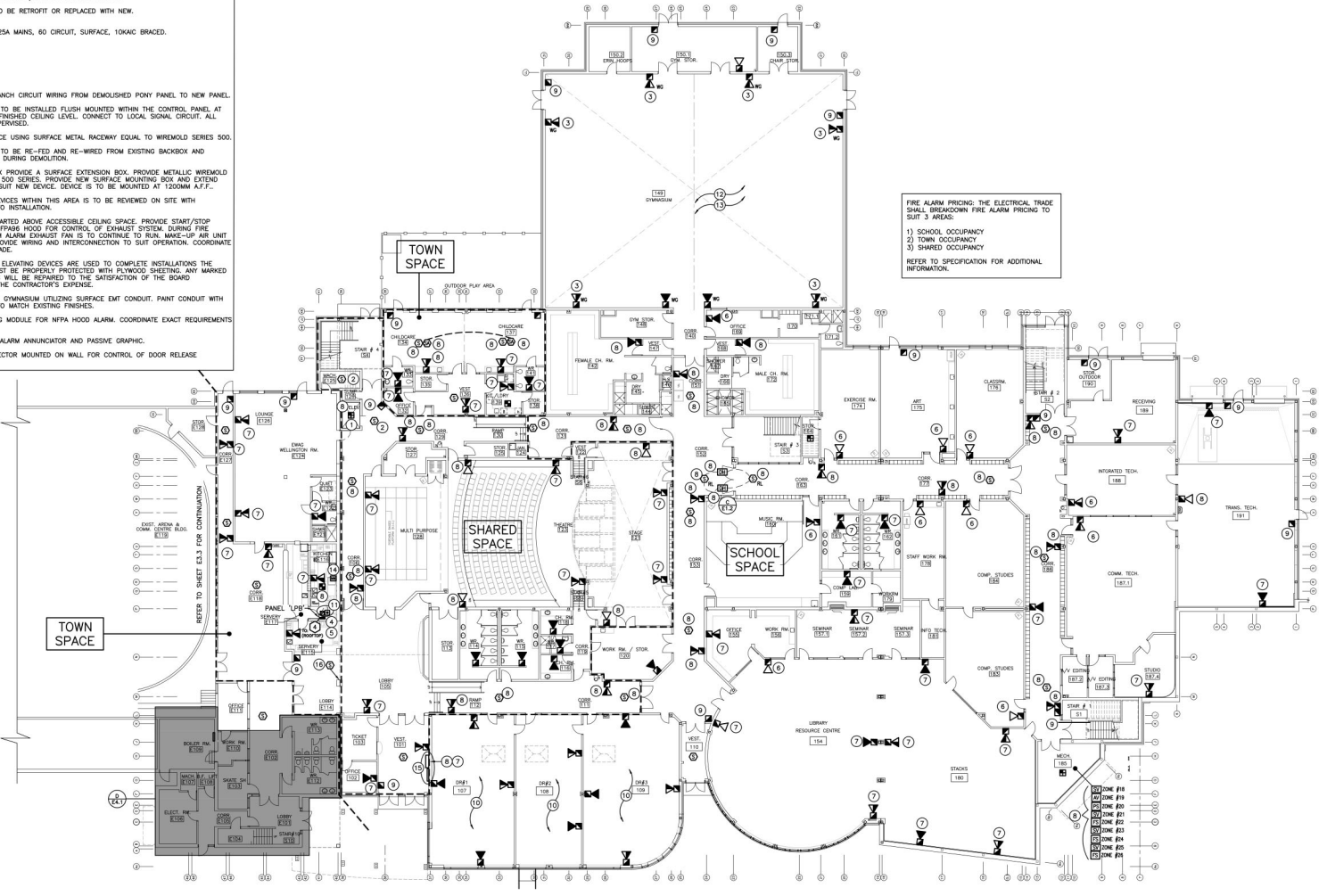
- 'X' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).
- ALL PULL STATIONS TO BE TAMPER PROOF.

**SPECIFIC RENOVATION NOTES**

- 1 DEVICES WITHIN THIS AREA ARE TO BE MOUNTED WITHIN ELEVATOR PIT. COORDINATE WITH ELEVATOR SHOP DRAWINGS PRIOR TO ROUGH-IN.
  - 2 THROUGH PROGRAMMING WHEN INDICATED DETECTOR IS IN ALARM ASSOCIATED RELAY IN CONTROL PANEL IS TO CLOSE AND SEND SIGNAL TO ELEVATOR CONTROLLER.
  - 3 INDICATED DEVICE IS TO BE C/W A 60 CANDELA STROBE.
  - 4 EXISTING PANEL IS TO BE RETROFIT OR REPLACED WITH NEW.
- PANEL LIST:**  
 120/208V 3P 4W, 225A MAINS, 60 CIRCUIT, SURFACE, 10KAC BRACED.  
**BREAKER LISTING:**  
 30x 15A-1P  
 4x 20A-1P  
 1x 40A-2P  
 1x 25A-2P  
 3x 15A-2P  
 1x 50A-3P
- 5 EXTEND EXISTING BRANCH CIRCUIT WIRING FROM DEMOLISHED PONY PANEL TO NEW PANEL.
  - 6 INDICATED DEVICE IS TO BE INSTALLED FLUSH MOUNTED WITHIN THE CONTROL PANEL AT 150mm BELOW THE FINISHED CEILING LEVEL. CONNECT TO LOCAL SIGNAL CIRCUIT. ALL WIRING MUST BE SUPERSIZED.
  - 7 FEED INDICATED DEVICE USING SURFACE METAL RACEWAY EQUAL TO WIREMOLD SERIES 500.
  - 8 INDICATED DEVICE IS TO BE RE-FED AND RE-WIRED FROM EXISTING BACKBOX AND CIRCUIT MADE SPARE DURING DEMOLITION.
  - 9 AT EXISTING BACKBOX PROVIDE A SURFACE EXTENSION BOX. PROVIDE METALLIC WIREMOLD EQUAL TO WIREMOLD 500 SERIES. PROVIDE NEW SURFACE MOUNTING BOX AND EXTEND EXISTING WIRING TO SUIT NEW DEVICE. DEVICE IS TO BE MOUNTED AT 1200MM A.F.F.
  - 10 EXACT LAYOUT OF DEVICES WITHIN THIS AREA IS TO BE REVIEWED ON SITE WITH CONSULTANT PRIOR TO INSTALLATION.
  - 11 INSTALL MAGNETIC STARTED ABOVE ACCESSIBLE CEILING SPACE. PROVIDE START/STOP PUSHBUTTON NEAR NFPA HOOD FOR CONTROL OF EXHAUST SYSTEM. DURING FIRE SUPPRESSION SYSTEM ALARM EXHAUST FAN IS TO CONTINUE TO RUN. MAKE-UP AIR UNIT IS TO SHUT-OFF. PROVIDE WIRING AND INTERCONNECTION TO SUIT OPERATION. COORDINATE WITH MECHANICAL TRADE.
  - 12 IN THIS ROOM WHEN ELEVATING DEVICES ARE USED TO COMPLETE INSTALLATIONS THE EXISTING FLOORS MUST BE PROPERLY PROTECTED WITH PLYWOOD SHEETING. ANY MARKED OR DAMAGED FLOORS WILL BE REPAIRED TO THE SATISFACTION OF THE BOARD REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
  - 13 FEED DEVICES WITHIN GYMNASIUM UTILIZING SURFACE EMT CONDUIT. PAINT CONDUIT WITH 2-COATS OF PAINT TO MATCH EXISTING FINISHES.
  - 14 PROVIDE MONITORING MODULE FOR NFPA HOOD ALARM. COORDINATE EXACT REQUIREMENTS ON SITE.
  - 15 INDICATES NEW FIRE ALARM ANNUNCIATOR AND PASSIVE GRAPHIC.
  - 16 PROVIDE SMOKE DETECTOR MOUNTED ON WALL FOR CONTROL OF DOOR RELEASE HANDICAP.



FIRE ALARM PRICING: THE ELECTRICAL TRADE SHALL BREAKDOWN FIRE ALARM PRICING TO SUIT 3 AREAS:  
 1) SCHOOL OCCUPANCY  
 2) TOWN OCCUPANCY  
 3) SHARED OCCUPANCY  
 REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.



**GROUND FLOOR PLAN – RENOVATION**  
 SCALE: 1:200




The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building conditions will permit. Obtain approval for relocation or service from Consultant before commencement of the work. This drawing shall not constitute all fittings and accessories which may be required. Revise the same to show the required conditions. Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. Do not write into drawings. © 2024 DEI Consulting Engineers Inc.




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CONSULTANT: **DEI Consulting Engineers Inc.**  
 MECHANICAL | ELECTRICAL | PLUMBING

PROJECT: RENOVATIONS FOR **ERIN COMMUNITY CENTRE**  
 14 BOLAND DRIVE, ONTARIO

SHEET TITLE: **GROUND FLOOR FIRE ALARM RENOVATION PLAN**

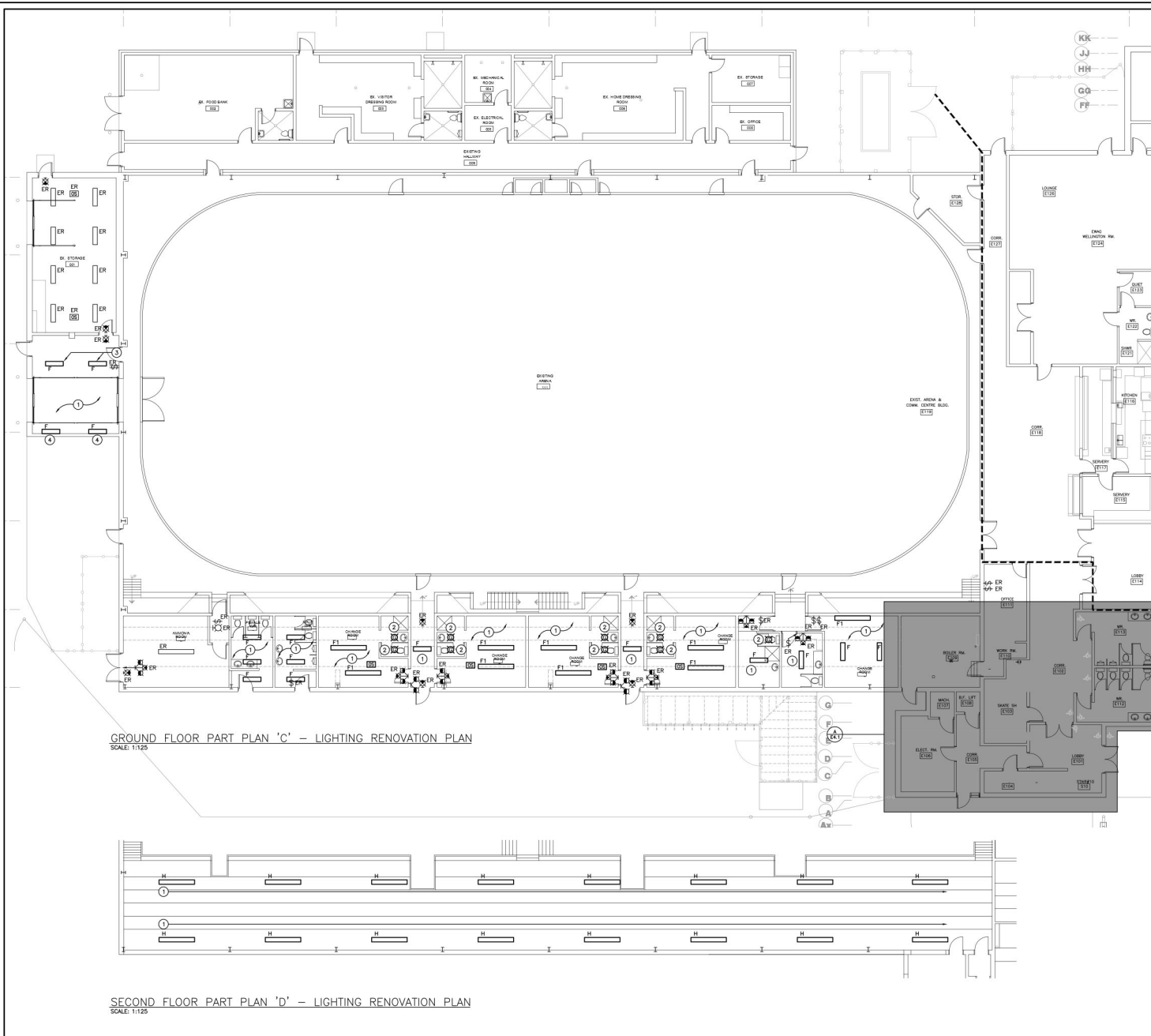
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PROJ. NO.	21-159
DATE	NOV 2022
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CHECKED BY	SD
SCALE	AS NOTED
DATE ISSUED	3/20/24

**E3.1**



- GENERAL RENOVATION NOTES**
- 'ER' INDICATES EXISTING ITEM TO REMAIN.
  - 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
  - ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
  - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
  - MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
  - REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).
- SPECIFIC RENOVATION NOTES**
- 1 REWORK EXISTING LIGHTING CIRCUIT MADE AVAILABLE DURING DEMOLITION TO SUIT NEW FIXTURES.
  - 2 FIXTURES IS TO BE RETROFIT. REFER TO FIXTURE SCHEDULE.
  - 3 SUSPEND FIXTURES SUCH THAT LENS IS BELOW OVERHEAD DOOR RAILS.
  - 4 FIXTURES TO BE INSTALLED AT 10' A.F.F.

GROUND FLOOR PART PLAN 'C' - LIGHTING RENOVATION PLAN  
SCALE: 1:125

SECOND FLOOR PART PLAN 'D' - LIGHTING RENOVATION PLAN  
SCALE: 1:125




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45 MILL STREET, ORANGEVILLE, ON. L9W2M4. 519-941-0913

CONSULTANT



PROJECT: RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BCLAND DRIVE ONTARIO

SHEET TITLE:  
**LIGHTING RENOVATION PLAN**

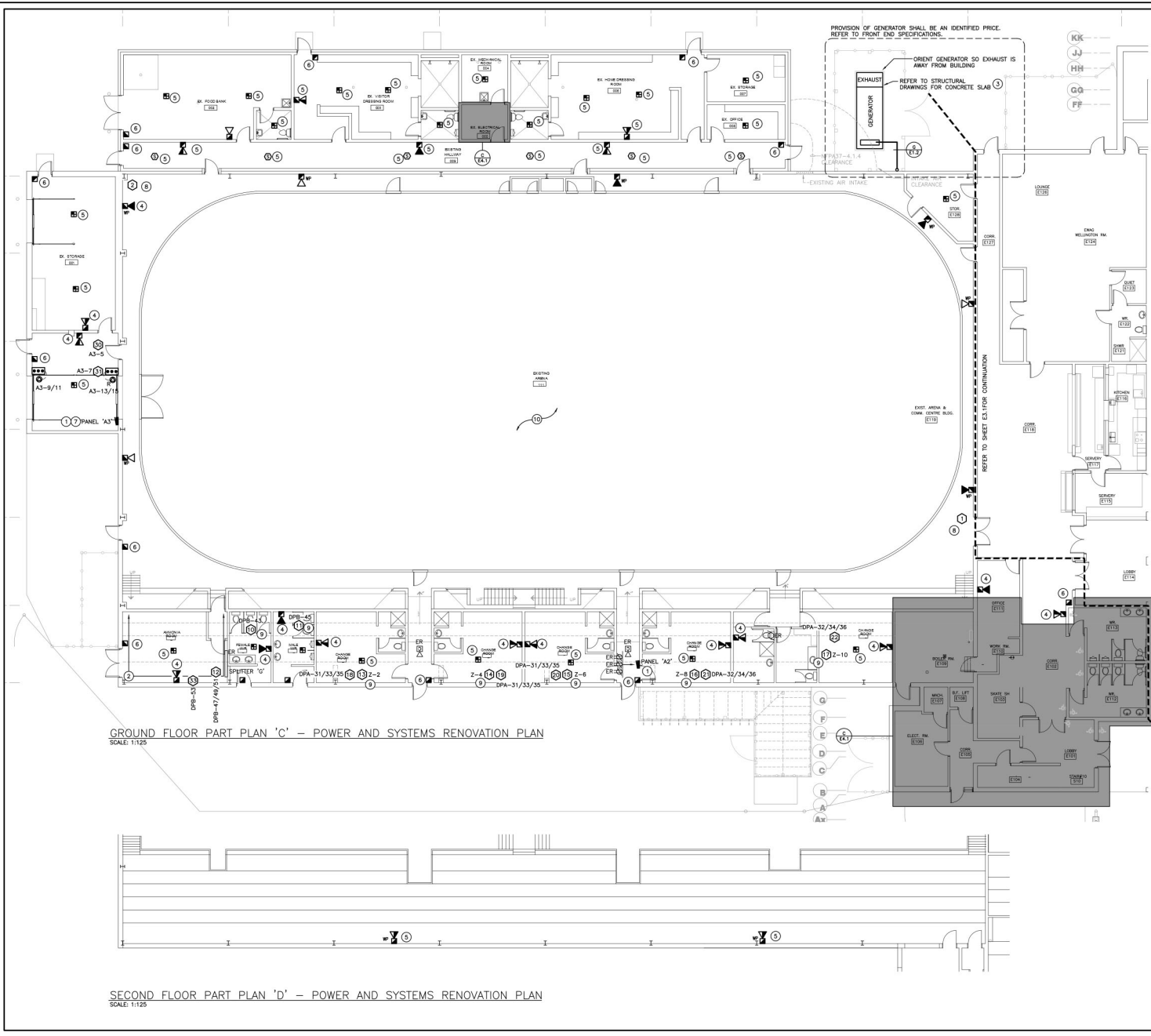
NO.	DATE	REVISION	NO.	DATE	REVISION



PROFESSIONAL ENGINEER  
J. JACKSON  
10001153  
3/20/24  
PROVINCE OF ONTARIO

PROJ. NO.	21-159
DATE	NOV 2022
DRAWN BY	SD
CHECKED BY	SD
SCALE	AS NOTED
DATE PLOTTED	3/21/2024
DRAWING NO.	E3.2





GROUND FLOOR PART PLAN 'C' - POWER AND SYSTEMS RENOVATION PLAN  
SCALE: 1:125

SECOND FLOOR PART PLAN 'D' - POWER AND SYSTEMS RENOVATION PLAN  
SCALE: 1:125

PROVISION OF GENERATOR SHALL BE AN IDENTIFIED PRICE. REFER TO FRONT END SPECIFICATIONS.

ORIENT GENERATOR SO EXHAUST IS AWAY FROM BUILDING.  
EXHAUST - REFER TO STRUCTURAL DRAWINGS FOR CONCRETE SLAB

GENERAL RENOVATION NOTES

- 'ER' INDICATES EXISTING ITEM TO REMAIN.
- 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

SPECIFIC RENOVATION NOTES

- 1 EXISTING PANEL IS TO BE RETROFIT OR REPLACED WITH NEW.  
PANEL 'A2':  
120/200V 1P 3W, 125A MAINS, 24 CIRCUIT, SURFACE, ISOLIC BRACED.  
BREAKER LISTING:  
5x 15A-1P  
2x 20A-1P  
1x 50A-2P  
1x 100A-2P  
PANEL 'A3':  
120/200V 1P 3W, 100A MAINS, 24 CIRCUIT, SURFACE, ISOLIC BRACED.  
BREAKER LISTING:  
5x 15A-1P  
2x 20A-1P  
2x 15A-2P
- 2 CONTRACTOR IS TO REMOVE AND RE-INSTALL ELECTRICAL DEVICES AND ELECTRICAL FEEDS FOR STRUCTURAL NETWORK PURPOSES ALONG THIS WALL. REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF WORK. THE ELECTRICAL CONTRACTOR IS ENCOURAGED TO VISIT THE SITE TO UNDERSTAND EXISTING SITE CONDITIONS.
- 3 GENERATOR BASIS OF DESIGN IS GENERIC. IF AN ALTERNATIVE MANUFACTURER IS SELECTED THE ELECTRICAL TRADE SHALL COORDINATE GENERATOR PAD SIZING WITH CONCRETE TRADE. THE ELECTRICAL TRADE SHALL INCLUDE ALL ADDITIONAL COSTS FOR SLAB MODIFICATION IN TENDER.
- 4 FEED INDICATED DEVICE USING SURFACE METAL RACKWAY EQUAL TO WIRMOLO SERIES SOOL.
- 5 INDICATED DEVICE IS TO BE RE-FED AND RE-WIRED FROM EXISTING BACKBOX AND CIRCUIT MADE SPARE DURING DEMOLITION.
- 6 AT EXISTING BACKBOX PROVIDE A SURFACE EXTENSION BOX. PROVIDE METALLIC WIRMOLO EQUAL TO WIRMOLO SOOL SERIES. PROVIDE NEW SURFACE MOUNTING BOX AND EXTEND EXISTING WIRING TO SUIT NEW DEVICE. DEVICE IS TO BE MOUNTED AT 1200MM A.F.F.
- 7 WITHIN LOCAL PANEL 'A3', PROVIDE THE FOLLOWING BREAKERS:  
THE BELOW LISTED BREAKERS ARE ACCOUNTED FOR WITHIN NOTE #1:  
CCT BREAKER DEVICE  
A3-5 15A-1P RH-1 RADIANT HEATER  
A3-7 15A-1P RH-2 RADIANT HEATER  
A3-9/11 15A-2P OVERHEAD DOOR  
A3-15/15 15A-2P OVERHEAD DOOR
- 8 INDICATED DEVICE IS FED FROM SPLITTER #1. REFER TO DISTRIBUTION RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- 9 CONNECT INDICATED MECHANICAL EQUIPMENT TO LOCAL LIGHTING CONTROLS.
- 10 FEED DEVICES WITHIN RINK WITH RIGID PVC CONDUIT.

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building conditions will permit. Obtain approval for relocation of service from Consultant before commencement of the work. This drawing is not suitable for off-site fitting and accessories which may be required. Details and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. Do not sign this drawing.

**D+H**  
ARCHITECTS INC.

45 MILL STREET, ORANGEVILLE, ON. L9W2M4. 519-941-0913

CONSULTANT

PROJECT

RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BCLAND DRIVE ONTARIO

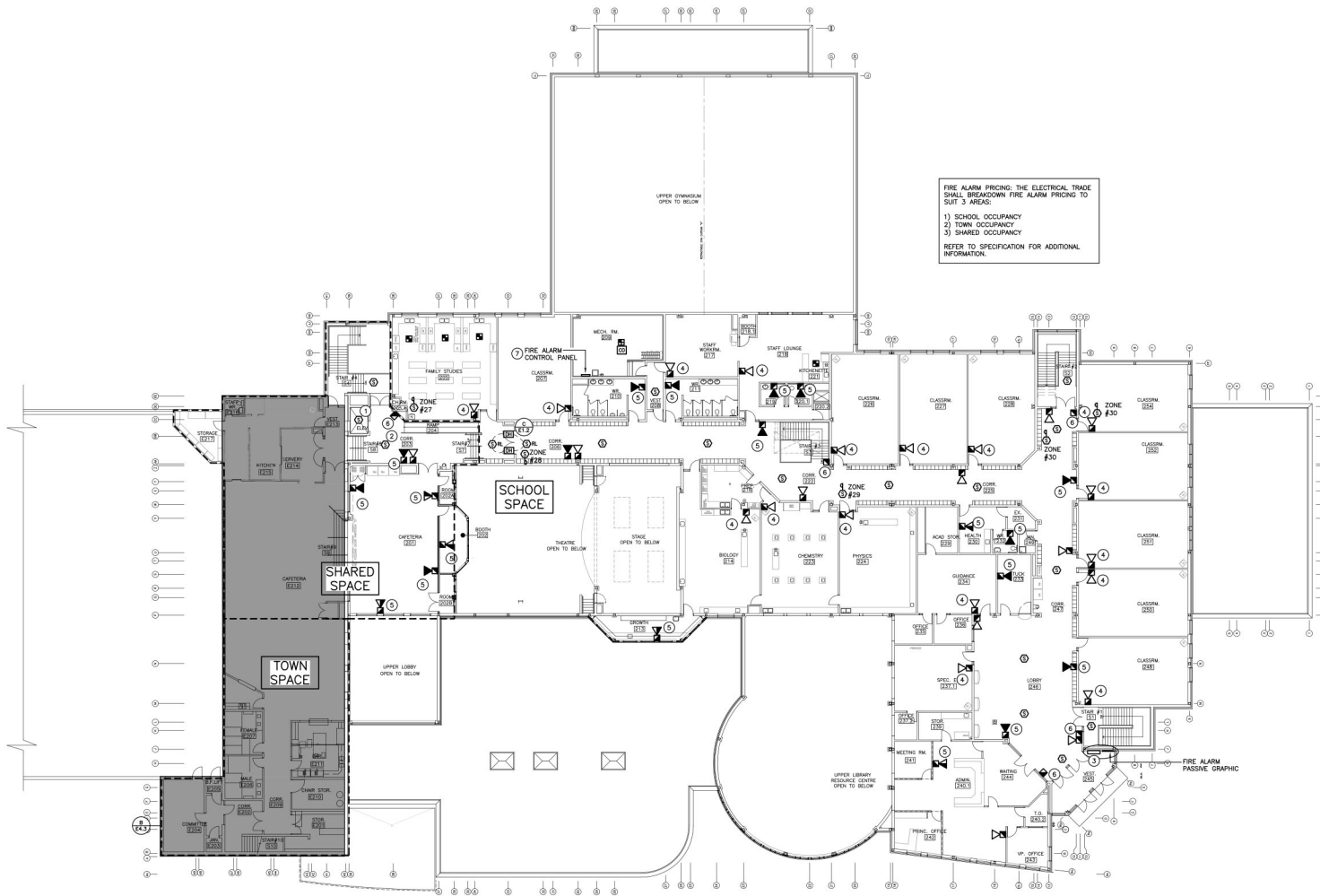
SHEET TITLE

**POWER AND SYSTEMS  
RENOVATION PLAN**

REVISION	REVISION

10001153  
3/20/24

PROJ. NO. 21-159	DRAWING NO. E3.3
DATE NOV 2022	CHECKED SD
DESIGNED SD	SCALE AS NOTED
DATE PLOTTED 3/21/2024	DRAWING NO.



FIRE ALARM PRICING: THE ELECTRICAL TRADE SHALL BREAKDOWN FIRE ALARM PRICING TO SUIT 3 AREAS:  
 1) SCHOOL OCCUPANCY  
 2) TOWN OCCUPANCY  
 3) SHARED OCCUPANCY  
 REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.

- GENERAL RENOVATION NOTES**
- 'EX' INDICATES EXISTING ITEM TO REMAIN.
  - 'R' INDICATES EXISTING ITEM IN RELOCATED POSITION.
  - ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
  - EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
  - MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
  - REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).
  - ALL PULL STATIONS TO BE TAMPER PROOF.
- SPECIFIC RENOVATION NOTES**
- 1 INDICATED SMOKE DETECTORS TO BE MOUNTED AT TOP OF ELEVATOR SHAFT. THROUGH PROGRAMMING WHEN INDICATED DETECTOR IS IN ALARM, ASSOCIATED RELAY IN CONTROL PANEL IS TO CLOSE AND SEND SIGNAL TO ELEVATOR CONTROLLER.
  - 2 THROUGH PROGRAMMING WHEN INDICATED DETECTOR IS IN ALARM, ASSOCIATED RELAY IN CONTROL PANEL IS TO CLOSE AND SEND SIGNAL TO ELEVATOR CONTROLLER.
  - 3 INDICATES NEW FIRE ALARM ANNUNCIATOR AND PASSIVE GRAPHIC.
  - 4 INDICATED DEVICE IS TO BE INSTALLED FLUSH MOUNTED WITHIN THE CONTROL PANEL AT 150MM BELOW THE FINISHED CEILING LEVEL. CONNECT TO LOCAL SIGNAL CIRCUIT. ALL WIRING MUST BE SUPERVISED.
  - 5 FEED INDICATED DEVICE USING SURFACE METAL RACEWAY EQUAL TO WIREMOLD SERIES 500.
  - 6 AT EXISTING BACKBOX PROVIDE A SURFACE EXTENSION BOX. PROVIDE METALLIC WIREMOLD EQUAL TO WIREMOLD 500 SERIES. PROVIDE NEW SURFACE MOUNTING BOX AND EXTEND EXISTING WIRING TO SUIT NEW DEVICE. DEVICE IS TO BE MOUNTED AT 1200MM A.F.F.
  - 7 INDICATES NEW FIRE ALARM CONTROL PANEL TO BE INSTALLED.

SECOND FLOOR PLAN – RENOVATION  
 SCALE: 1:200

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow all details as shown on actual building drawings and specifications. Obtain all necessary permits and approvals from the Consultant before commencement of the work. The drawings do not indicate all offsets, fittings and accessories which may be required. Provide the details to show the required conditions. Drawings and specifications are considered void if used by the consultant on the property of the contractor and/or any other person without the consent of the consultant. These documents are not to be duplicated or copied without the consent of the consultant. All work shall be done in accordance with the drawings and specifications.

**D+H**  
ARCHITECTS INC.

45 MILL STREET, ORANGEVILLE, ON. L9W2M4. 919-941-0912

CONSULTANT

**DEI**  
Consulting Engineers  
MECHANICAL | ELECTRICAL | AGRIATIC

REGISTERED PROFESSIONAL ENGINEER  
 NUMBER: 10114  
 NUMBER: 10114  
 NUMBER: 10114

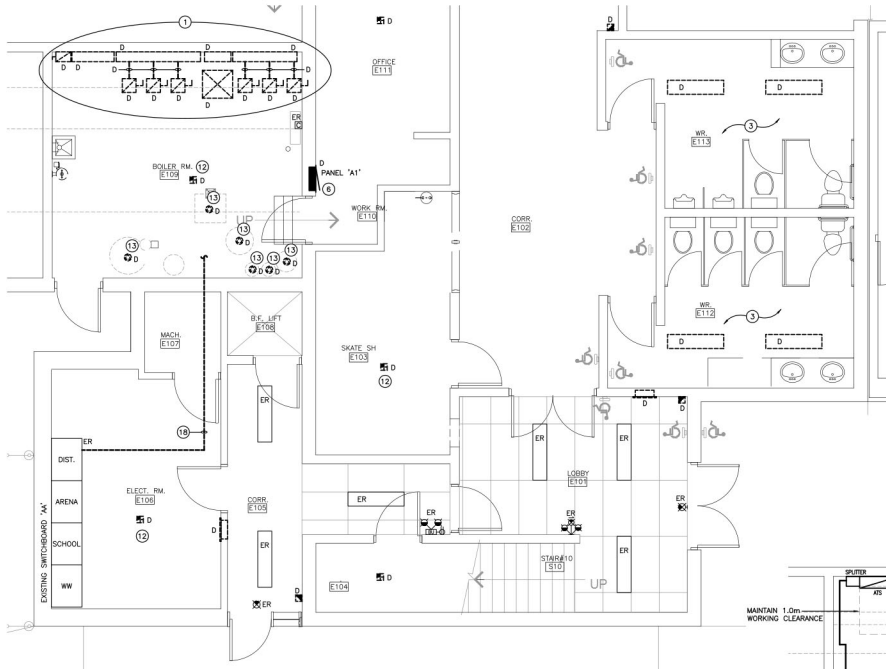
PROJECT: RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
 14 BOLAND DRIVE ONTARIO

SHEET TITLE  
**SECOND FLOOR FIRE ALARM RENOVATION PLAN**

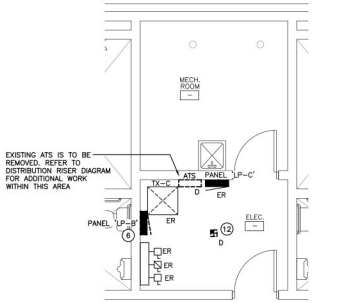
NO.	DATE	REVISION	DATE	REVISION

J.J. JACKSON  
 100013224  
 3/20/24  
 ENGINEER OF ONTARIO

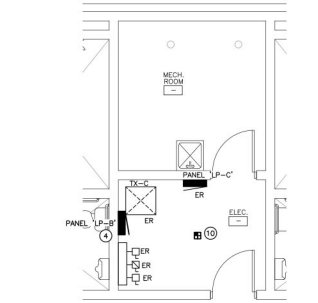
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DATE	NOV 2022
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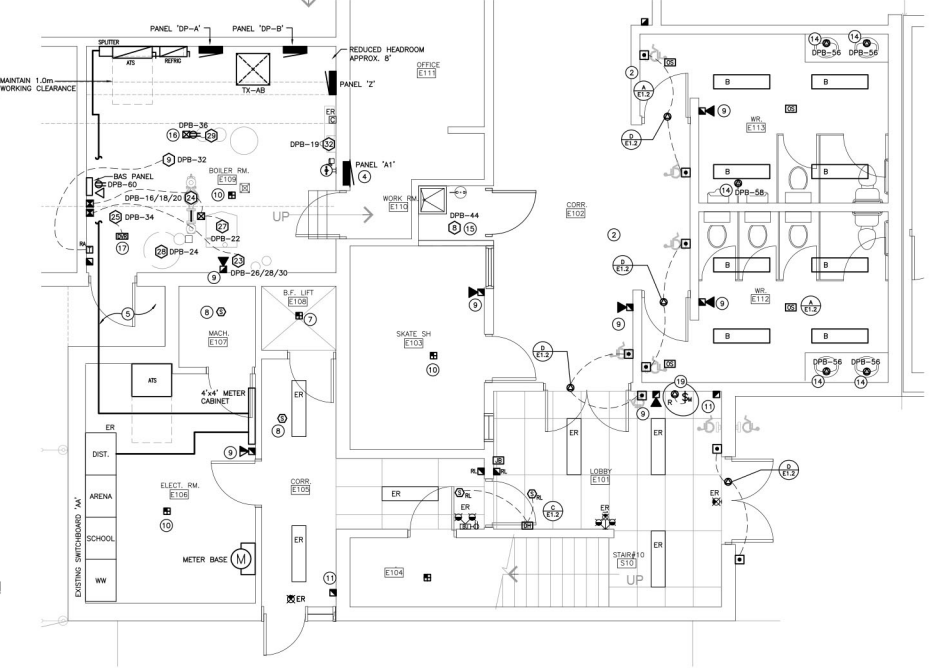
A-ENLARGED GROUND FLOOR - DEMOLITION PLAN  
SCALE: 1:50



B-ELECTRICAL ROOM - DEMOLITION PLAN  
SCALE: 1:50



C-ELECTRICAL ROOM - RENOVATION PLAN  
SCALE: 1:50



D-GROUND FLOOR PART PLAN 'A' - RENOVATION PLAN  
SCALE: 1:50

**GENERAL NOTES**

- "DX" DENOTES EXISTING ITEM TO REMAIN.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- "X" INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT UNLESS OTHERWISE NOTED.
- "D" INDICATES EXISTING ITEM TO BE DELETED. UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.
- ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED.

**SPECIFIC NOTES**

- 1 FOLLOWING DEVICES IS TO BE DEMOLISHED. REFER TO DISTRIBUTION RISER DIAGRAM FOR FURTHER INFORMATION.
- 2 INDICATES DIGITAL ROOM CONTROLLER OF WASHROOM INSTALLED WITHIN ACCESSIBLE CEILING SPACE FOR CONTROL OF NOTED OCCUPANCY SENSOR(S).
- 3 REWORK EXISTING LIGHTING CIRCUIT MADE AVAILABLE DURING DEMOLITION TO SUIT NEW FIXTURES, AND LOCATIONS.
- 4 EXISTING PANEL IS TO BE DEMOLISHED OR REPLACED WITH NEW.  
**PANEL 'A1'**  
 120/200V 3P HW, 200A MAINS, 42 CIRCUIT, RECESSED, 10KAC BRACED.  
 BREAKER LISTING:  
 3x 15A-1P  
 1x 20A-3P  
 1x 5A-3P  
 1x 30A-1P  
**PANEL 'LPB'**  
 120/200V 3P HW, 225A MAINS, 60 CIRCUIT, SURFACE, 10KAC BRACED.  
 BREAKER LISTING:  
 3x 15A-1P  
 4x 20A-1P  
 1x 40A-1P  
 1x 20A-2P  
 2x 15A-3P  
 1x 50A-3P
- 5 COORDINATE WITH GENERAL TRADE TO REMOVE EXISTING CANOPY SOFFIT TO ALLOW REMOVALS AND RE-INSTALLATION OF NEW ELECTRICAL SERVICES.

6 INDICATED PANEL IS TO BE RETROFIT. REFER TO RENOVATION PLANS FOR ADDITIONAL INFORMATION.

- 7 DEVICES WITHIN THIS AREA ARE TO BE MOUNTED WITHIN ELEVATOR PIT. COORDINATE WITH ELEVATOR SHOP DRAWINGS PRIOR TO ROUGH-IN.
- 8 RELAY IN CONTROL PANEL IS TO BE CLOSED AND SEND SIGNAL TO ELEVATOR CONTROLLER.
- 9 FEED INDICATED DEVICE USING SURFACE METAL RACKWAY EQUAL TO WIREMOLD SERIES 500.
- 10 INDICATED DEVICE IS TO BE RE-FED FROM EXISTING BACKBOX MADE SPARE DURING DEMOLITION WITH NEW WIRE AND CIRCUIT.
- 11 AT EXISTING BACKBOX PROVIDE A SURFACE EXTENSION BOX. PROVIDE METALLIC WIREMOLD EQUAL TO WIREMOLD 500 SERIES. PROVIDE NEW SURFACE MOUNTING BOX AND EXTEND EXISTING WIRING TO SUIT NEW DEVICE. DEVICE IS TO BE MOUNTED AT 1200MM A.F.F....
- 12 INDICATED DEVICE IS TO BE DISCONNECTED AND REMOVED COMPLETELY. REMOVE WIRING BACK TO SOURCE.
- 13 INDICATES MECHANICAL EQUIPMENT BEING REPLACED WITH NEW BY MECHANICAL TRADE. THIS CONTRACTOR IS TO DISCONNECT EXISTING FEEDER BACK TO SOURCE. LABEL BREAKER AS SPARE.
- 14 PROVIDE CONNECTION TO PLUMBING FIXTURE. COORDINATE WITH MECHANICAL TRADE.
- 15 CONNECT INDICATED MECHANICAL EQUIPMENT TO LOCAL LIGHTING CONTROLS.
- 16 CONNECTS UNTESTED UPSTAND FOR MOUNTING OF RECEPTACLE TO FEED NOTED EQUIPMENT. REFER TO DETAIL A/E1.1.
- 17 INDICATES DUAL VOLTAGE RELAY FOR CONTROL OF NOTED MECHANICAL EQUIPMENT. INSTALL DUAL VOLTAGE RELAY WITHIN ACCESSIBLE CEILING AREA. COORDINATE ON SITE.
- 18 INDICATED FEED FEEDING BODY SPLITTER IN ON NORTH SIDE OF ICE RINK. FEEDER IS TO BE RENOVATED TO SUIT THE DISTRIBUTION WORK. INCLUDE IN TENDER TO PROVIDE JUNCTION BOX, SUITABLE LUGS, AND EXTEND FEEDER TO NEW RINK BOILER DISTRIBUTION. REFER TO DISTRIBUTION RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- 19 REWORK EXISTING HEATER CIRCUIT FOR NEW HYDRONIC HEATER CONNECTION. REFER TO MECHANICAL. PROVIDE MOTOR RATED SWITCH.




The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building conditions will permit. Obtain approval for relocation of service from Consultant before commencement of the work. The drawings do not include all details fitting and accessories which may be required. Details and specifications, etc., prepared and issued by the consultant on the property of the consultant and must be retained at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. All work must be done in accordance with the drawings.



45 MILL STREET, ORANGEVILLE, ON. L9W2M4. 519-941-0913

CONSULTANT

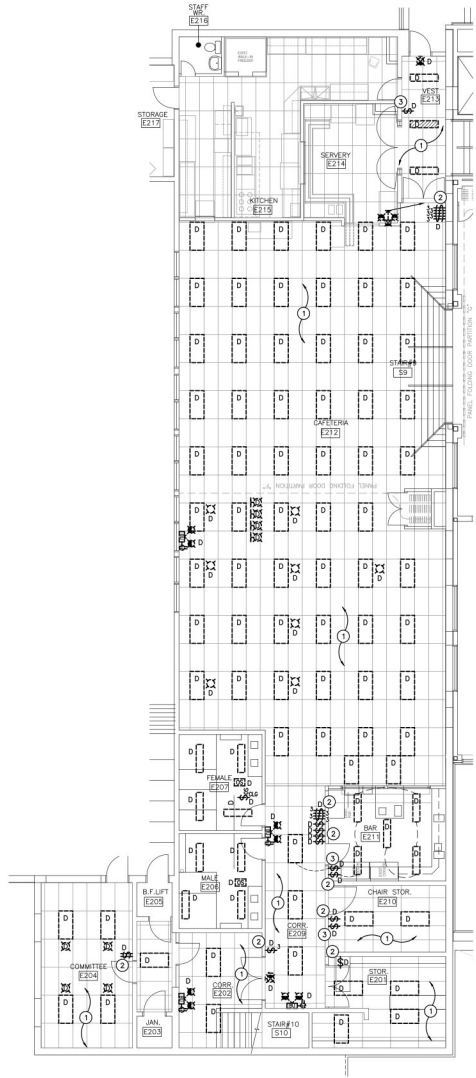


PROJECT: RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BOLAND DRIVE ONTARIO

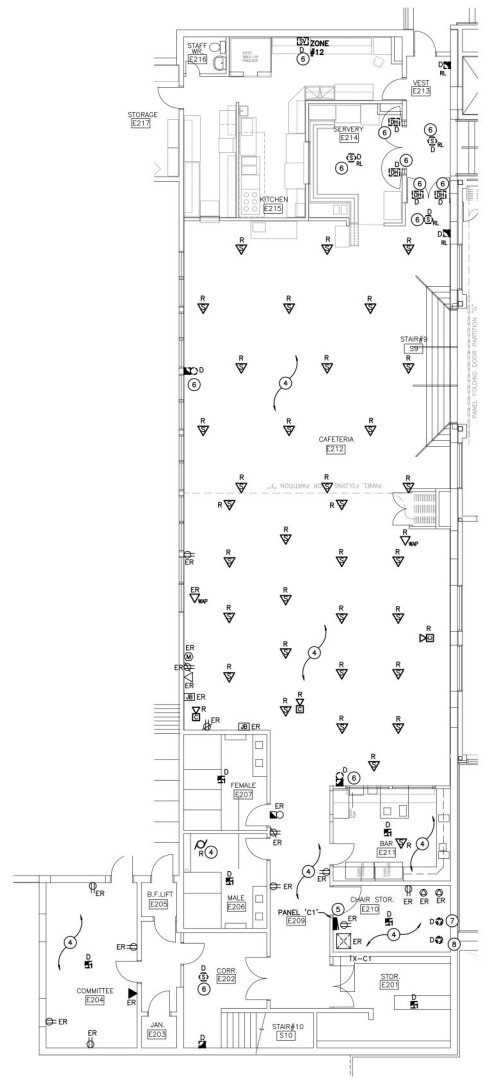
SHEET TITLE: **PART PLAN 'A' AND  
ADDITION ELECTRICAL  
ROOM PLANS**

NO.	REVISION	DATE

PROJECT NO.	21-159
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DRAWN BY	SD
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SCALE	AS NOTED
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DRAWING NO.	E4.1



A—ENLARGED SECOND FLOOR — LIGHTING — DEMOLITION PLAN  
SCALE: 1:100



B—ENLARGED SECOND FLOOR — POWER AND SYSTEMS — DEMOLITION PLAN  
SCALE: 1:100

**GENERAL RENOVATION NOTES**

- "ER" INDICATES EXISTING ITEM TO REMAIN.
- "R" INDICATES EXISTING ITEM IN RELOCATED POSITION.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

**SPECIFIC RENOVATION NOTES**

- 1 REWORK EXISTING LIGHTING CIRCUIT MADE AVAILABLE DURING DEMOLITION TO SUIT NEW FIXTURES, AND LOCATIONS.
- 2 EXISTING SWITCH IS TO BE REMOVED COMPLETE. MAINTAIN EXISTING BACKBOX AND WIRING FOR RECONNECTION TO NEW DEVICE. REFER TO RENOVATION PLANS FOR CONTINUATION.
- 3 EXISTING SWITCH IS TO BE REMOVED. EXISTING LINE AND LOAD WIRING IS TO BE PULLED BACK TO ACCESSIBLE CEILING SPACE. PROVIDE BLANK STAINLESS STEEL COVERPLATE TO SUIT EXISTING BACKBOX IF REQUIRED. REFER TO RENOVATION PLANS FOR CONTINUATION.
- 4 EXISTING CEILING DEVICES IS TO BE REMOVED AND RELOCATED. REFER TO RENOVATIONS FLOOR PLANS FOR FURTHER INFORMATION.
- 5 INDICATED PANEL IS TO BE RETROFIT. REFER TO RENOVATION PLANS FOR ADDITIONAL INFORMATION.
- 6 INDICATED DEVICE IS TO BE DISCONNECTED AND REMOVED COMPLETELY. MAINTAIN WIRING FOR REMOVAL TO NEW DEVICE LOCATION AS SHOWN ON THE RENOVATION PLANS.
- 7 INDICATES MECHANICAL EQUIPMENT BEING DEMOLISHED THIS CONTRACTOR IS TO DISCONNECT EXISTING FEEDER BACK TO SOURCE. LABEL BREAKER AS SPARE.
- 8 INDICATES MECHANICAL EQUIPMENT BEING REPLACED WITH NEW BY MECHANICAL TRADE. THIS CONTRACTOR IS TO DISCONNECT EXISTING FEEDER BACK TO SOURCE. LABEL BREAKER AS SPARE.

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building conditions will permit. Obtain approval for relocation of service from Consultant before commencement of the work. This drawing is not suitable for off-site fitting and accessories which may be required. Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. © 2022 ERN Inc. All rights reserved.

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CONSULTANT

MECHANICAL | ELECTRICAL | AGRIMATIC

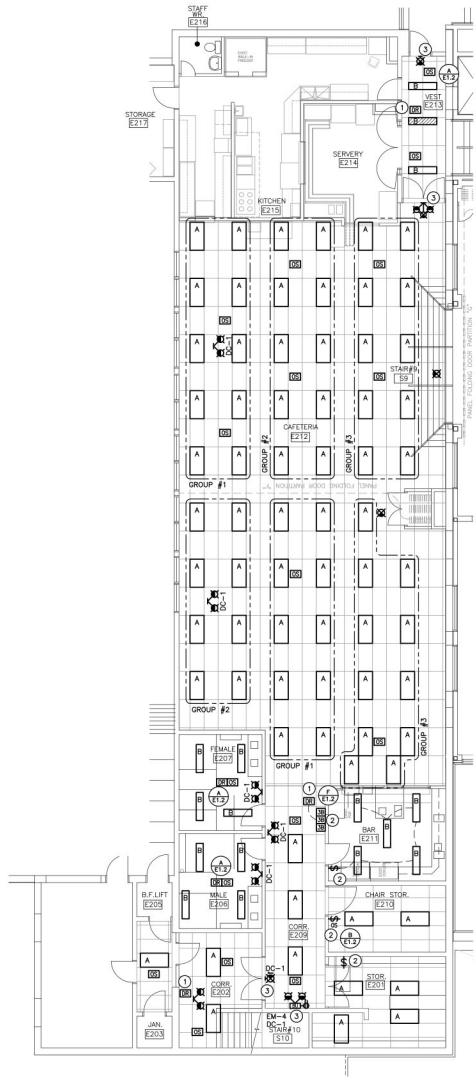
PROJECT: RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BCLAND DRIVE ONTARIO

SHEET TITLE:  
**SECOND FLOOR PART PLAN  
'B' - DEMOLITION PLAN**

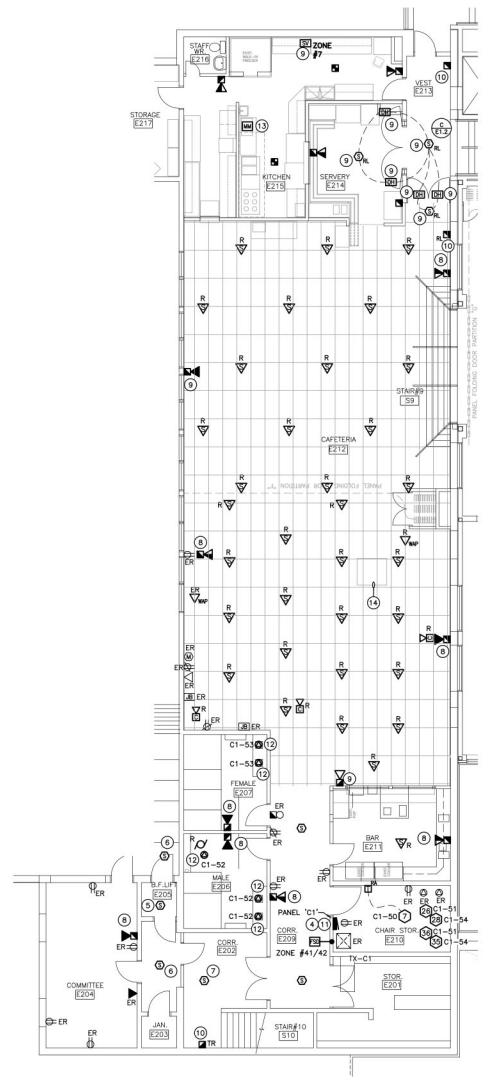
REVISION	REVISION

J. JACKSON  
10001153  
3/20/24  
PROF. ENGINEER  
ONTOARIO

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A—ENLARGED SECOND FLOOR — LIGHTING — RENOVATION PLAN  
SCALE: 1/100



B—ENLARGED SECOND FLOOR — POWER AND SYSTEMS — RENOVATION PLAN  
SCALE: 1/100

**GENERAL DEMOLITION NOTES**

- 'ER' DENOTES EXISTING ITEM TO REMAIN.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- 'R' INDICATES EXISTING ITEM TO BE RELOCATED, REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT, UNLESS OTHERWISE NOTED.
- 'D' INDICATES EXISTING ITEM TO BE DELETED, UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.
- ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED.

**SPECIFIC DEMOLITION NOTES**

- 1 INDICATES DIGITAL ROOM CONTROLLER INSTALLED WITHIN ACCESSIBLE CEILING SPACE FOR CONTROL OF NOTED OCCUPANCY SENSOR(S).
- 2 MOUNT NEW SWITCHES IN EXISTING BACKBOX MADE AVAILABLE DURING DEMOLITION. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT NEW DEVICES.
- 3 EXTEND LINE SIDE OF LOCAL LIGHTING CIRCUIT TO SUIT INDICATED DEVICE.
- 4 EXISTING PANEL IS TO BE RETROFIT OR REPLACED WITH NEW.  
**PANEL 'C1'**  
E210/209 3P 4W, 225A MAINS, 60 CIRCUIT, SURFACE, 10KAC BRACED.  
BREAKER LISTING:  
1x 15A-1P  
1x 50A-3P  
2x 15A-2P  
1x 80A-2P  
1x 20A-2P  
1x 20A-1P
- 5 INDICATED SMOKE DETECTORS TO BE MOUNTED AT TOP OF ELEVATOR SHAFT, THROUGH PROGRAMMING WHEN INDICATED DETECTOR IS IN ALARM, ASSOCIATED RELAY IN CONTROL PANEL IS TO CLOSE AND SEND SIGNAL TO ELEVATOR CONTROLLER.
- 6 THROUGH PROGRAMMING WHEN INDICATED DETECTOR IS IN ALARM, ASSOCIATED RELAY IN CONTROL PANEL IS TO CLOSE AND SEND SIGNAL TO ELEVATOR CONTROLLER.
- 7 INDICATED DEVICES TO BE MOUNTED AT TOP OF STAIR SHAFT.
- 8 FEED INDICATED DEVICE USING SURFACE METAL RACEWAY EQUAL TO WIREMOLD SERIES 500.
- 9 INDICATED DEVICE IS TO BE RE-FEED AND RE-WIRED FROM EXISTING BACKBOX AND CIRCUIT MADE SPARE DURING DEMOLITION.
- 10 AT EXISTING BACKBOX PROVIDE A SURFACE EXTENSION BOX, PROVIDE METALLIC WIREMOLD EQUAL TO WIREMOLD 500 SERIES. PROVIDE NEW SURFACE MOUNTING BOX AND EXTEND EXISTING WIRING TO SUIT NEW DEVICE, DEVICE IS TO BE MOUNTED AT 1200MM A.F.T..
- 11 WITHIN LOCAL PANEL 'C1', PROVIDE THE FOLLOWING BREAKERS:  
THE BELOW LISTED BREAKERS ARE ACCOUNTED FOR WITHIN NOTE #4.  
CCT BREAKER DEVICE  
XX-50 15A-1P C-2 CEILING FAN  
XX-51 15A-1P C-2 DHW CIRC. PUMP  
XX-52 \*15A-1P 2ND FL. MALE W/R FAUCET/URNAL  
XX-53 \*15A-1P 2ND FL. FEMALE W/R FAUCET  
XX-54 15A-1P 2ND FLOOR 1 & 2 SECOND FL.  
XX-56 20A-1P ROOFTOP T-SLOT REC.  
\* INDICATES 33mA GROUND FAULT STYLE BREAKER
- 12 PROVIDE CONNECTION TO PLUMBING FIXTURE, COORDINATE WITH MECHANICAL TRADE.
- 13 PROVIDE MONITORING MODULE AND RECONNECT FIRE ALARM TO EXISTING NFPA SUPPRESSION SYSTEM, PROVIDE INTEGRATED LIFE SAFETY SYSTEMS IN ACCORDANCE WITH SPECIFICATIONS.
- 14 THIS CONTRACTOR SHALL REMOVE AND RE-INSTALL ELECTRICAL SERVICES TO NEW ROOFTOP UNIT STRUCTURAL REINFORCEMENT AND DUCTWORK. REFER TO STRUCTURAL AND MECHANICAL DRAWINGS FOR EXTENTS OF WORK, INDICATED APPROXIMATE OUTLINE OF ROOFTOP UNIT ABOVE.

**PANEL 'Z'**

VOLTAGE: 120/208 VOLTS  
PHASE: 3P, 4W  
MAIN: 100A  
NEUTRAL BUS: FULL MOUNTING SURFACE

\* INDICATES 33mA GROUND FAULT STYLE BREAKER

THE CONTRACTOR IS TO COORDINATE ROOM NAMES AND NUMBERS NOTED WITH THE FINAL ROOM INFORMATION ISSUED DURING CONSTRUCTION AND ADJUST DIRECTORIES TO SUIT.

SPACE 1	2	15A. ERV-1	3
SPACE 3	4	15A. ERV-2	4
SPACE 5	6	15A. ERV-3	5
SPACE 7	8	15A. ERV-4	6
SPACE 9	10	15A. ERV-5	7
SPACE 11	12	SPACE	8
SPACE 13	14	SPACE	9
SPACE 15	16	SPACE	10
SPACE 17	18	SPACE	11
SPACE 19	20	SPACE	12
SPACE 21	22	SPACE	13
SPACE 23	24	SPACE	14
SPACE 25	26	SPACE	15
SPACE 27	28	SPACE	16
SPACE 29	30	SPACE	17
SPACE 31	32	SPACE	18
SPACE 33	34	SPACE	19
SPACE 35	36	SPACE	20
SPACE 37	38	SPACE	21
SPACE 39	40	SPACE	22
SPACE 41	42	SPACE	23

NOTE: THE INDICATED PANEL ASSEMBLY MUST HAVE AN INTERRUPTING CAPACITY OF 10000 A. PROVIDE BY EITHER FULLY RATED BREAKERS OR INTEGRATED EQUIPMENT RATING WITH THE UPSTREAM BREAKER.




The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building conditions will permit. Obtain approval for relocation of service from Consultant before commencement of the work. This drawing is not suitable for all trades fitting and accessories which may be required. Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. © 2022 DEI Inc. All rights reserved.



45 MILL STREET, ORANGEVILLE, ON. L9V2M4. 519-841-0913

CONSULTANT



MECHANICAL, ELECTRICAL, PLUMBING

PROJECT: RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BCLAND DRIVE ONTARIO

SHEET TITLE  
**SECOND FLOOR PART PLAN 'B'  
- RENOVATION PLAN**

REVISION NO.	DATE	REVISION	DATE	REVISION



PROFESSIONAL ENGINEER  
J. JACKSON  
10001153  
3/20/24  
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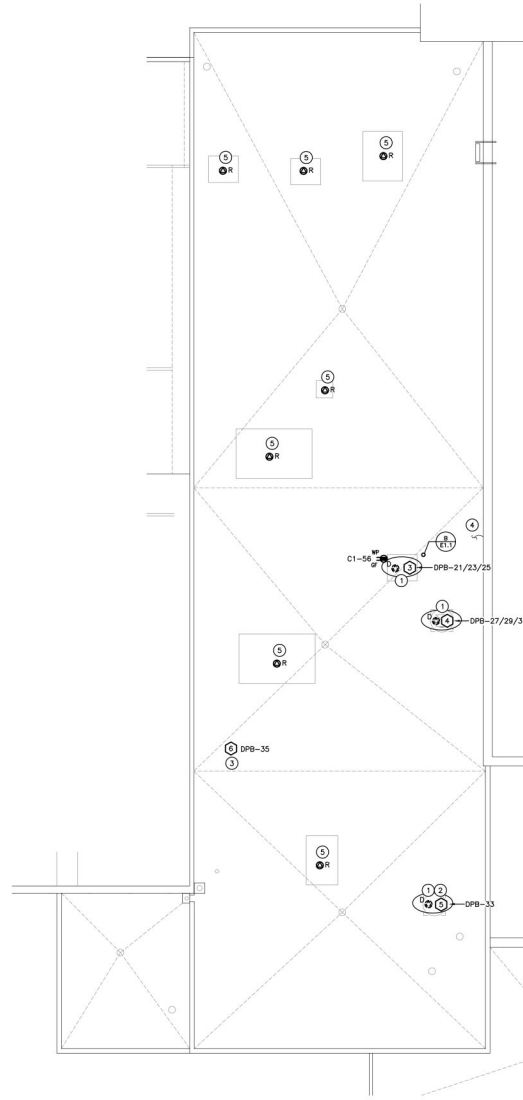
PROJ. NO. 21-159  
DATE NOV 2022  
DRAWN BY SD  
CHECKED SD  
SCALE AS NOTED  
DATE PLOTTED 3/21/2024  
DRAWING NO. E4.3

**GENERAL NOTES**

- 'ER' DENOTES EXISTING ITEM TO REMAIN.
- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS NOTED OTHERWISE.
- 'R' INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT. UNLESS OTHERWISE NOTED.
- 'D' INDICATES EXISTING ITEM TO BE DELETED; UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.
- ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED.
- ALL DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

**SPECIFIC NOTES**

- 1 INDICATES MECHANICAL EQUIPMENT BEING REPLACED WITH NEW BY MECHANICAL TRADE. THIS CONTRACTOR IS TO DISCONNECT FEED BACK TO SOURCE. LABEL BREAKER AS SPARE.
- 2 CONNECT INDICATED MECHANICAL EQUIPMENT TO LOCAL LIGHTING CONTROLS WITHIN 1ST FLOOR WASHROOM.
- 3 CONNECT INDICATED MECHANICAL EQUIPMENT TO LOCAL LIGHTING CONTROLS WITHIN 2ND FLOOR WASHROOM.
- 4 INDICATES APPROXIMATE LOCATION OF CAPPED TEEBOX CONDUCTOR. THIS CONTRACTOR SHALL REMOVE EXISTING WIRING BACK TO LOCAL JUNCTION BOX WITHIN BUILDING. REFER TO ARCHITECTURAL DRAWINGS FOR ROOFING REPAIR.
- 5 EXISTING MECHANICAL UNIT IS TO BE REMOVED AND RE-INSTALLED TO SUIT ROOFING WORK. THE ELECTRICAL TRADE SHALL DISCONNECT POWER AND REMOVE CONDUCTORS TO SUIT ROOFING AND MECHANICAL TRADES. UPON RE-INSTALLATION RE-INSTALL EQUIPMENT.



**A-ROOF PLAN**  
SCALE: 1:100



The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.  
The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work.  
The drawings do not include all offsets, fittings and accessories which may be required.  
Revise the plans to show the required conditions.  
Drawings and specifications, etc. prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant.  
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CONSULTANT

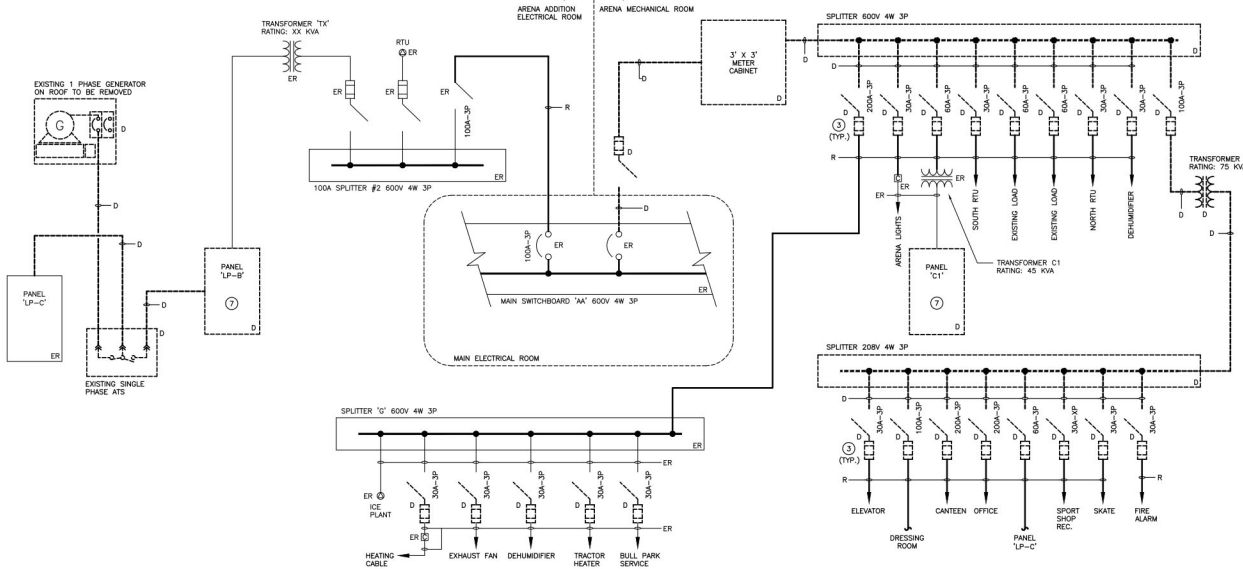
**DEI**  
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MECHANICAL | ELECTRICAL | AGRIUMATIC

PROJECT: RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BCLAND DRIVE ONTARIO

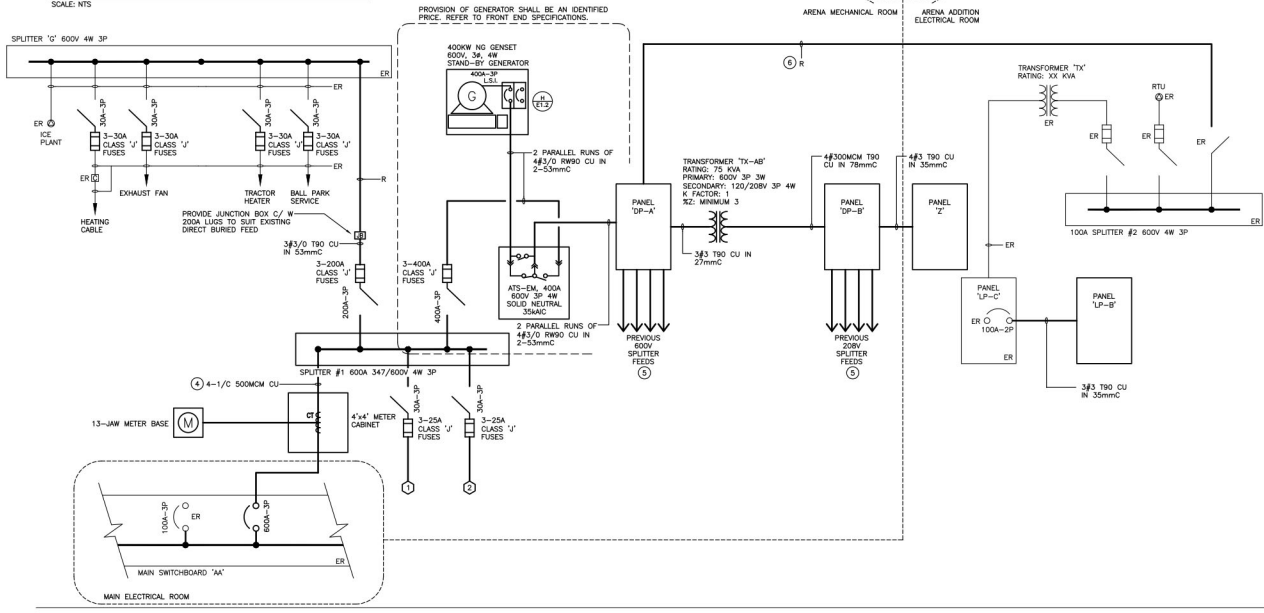
SHEET TITLE  
**ROOF PLAN**

NO.	DATE	REVISION	NO.	DATE	REVISION

	PROJ. NO.	21-159	
	DATE	NOV 2022	
	DRAWN BY	SD	
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	SCALE	AS NOTED	
DATE PLOTTED	3/21/2024	DRAWING NO.	E4.4



**DISTRIBUTION RISER DIAGRAM - DEMOLITION**  
SCALE: NTS



**DISTRIBUTION RISER DIAGRAM - RENOVATION**  
SCALE: NTS

**DISTRIBUTION RISER NOTES**

- REFER TO SPECIFICATION FOR INFORMATION REGARDING MOULDED CASE CIRCUIT BREAKERS.
- ALL DISTRIBUTION EQUIPMENT ARE TO BE PROVIDED WITH WARNING LABELS CONFORMING TO THE ONTARIO ELECTRICAL SAFETY CODE RULE E2-306(1)(2)
- INSTALL GROUND WIRE TO SUIT THE ELECTRICAL SAFETY CODE IN ALL CONDUIT.

**DISTRIBUTION RISER NOTES**

- EXISTING MAIN SWITCHBOARD IS FEDERAL PIONEER (SERIAL 1235894-001) 1600 AMPS 347/600V 3P 4W.
- NOTE NOT USED.
- CONTRACTOR SHALL CONFIRM EXISTING FUSE SIZES WITHIN DISCONNECTS PRIOR TO RELEASE OF ELECTRICAL PANELS. INCLUDE IN TENDER PRICING FOR BREAKER LISTING AS PER PANEL SCHEDULES. COORDINATE BREAKER SIZES AFTER CONTRACT AWARDS.
- SINGLE CONDUCTORS MUST BE INSTALLED TO ELIMINATE THE FLOW OF SHEATH CURRENTS. CABLE SHEATHS SHALL BE GROUNDED AT THE SUPPLY END ONLY. PROVIDE NONFERROUS PLATE AT LOAD SIDE ENTRY INTO DISTRIBUTION EQUIPMENT. MECHANICAL PROTECTION OF CABLE SHALL BE ISOLATED SO THE SHEATH FORMS AN OPEN CIRCUIT.
- RECONNECT EXISTING 600V AND 208V SPLITTER FEEDS. REFER TO NOTE #3 FOR ADDITIONAL INFORMATION. PROVIDE JUNCTION BOXES AND MECHANICAL LUGS AS REQUIRED TO EXTEND FEEDS TO NEW LOCATION. REWORK BREAKERS AS REQUIRED WITHIN PANEL TO SUIT FEEDER LENGTHS.
- EXISTING 100A FEED TO ELECTRICAL ROOM IS TO BE RE-WORKED TO PANEL DP-A. REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION.
- INDICATED PANEL IS TO BE MODIFIED. REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION.

**PANEL 'DP-A'**

VOLTAGE: 347/600 VOLTS  
PHASE: 3P, 4W  
MAINS: 400A  
NEUTRAL BUS: FULL  
MOUNTING: SURFACE

\* INDICATES 33mA GROUND FAULT STYLE BREAKER  
THE CONTRACTOR IS TO COORDINATE ROOM NAMES AND NUMBERS NOTED WITH THE FINAL ROOM INFORMATION ISSUED DURING CONSTRUCTION AND ADJUST DIRECTORIES TO SUIT.

NOTES: C/W SPRINKLER HOOD

ARENA LIGHTS	30A	1	2	60A	SECOND FLOOR 45 KVA TRANS.
		3	4		
		5	6		
		7	8	60A	EXISTING LOAD
		9	10		
		11	12		
		13	14	60A	EXISTING LOAD
		15	16		
		17	18		
		19	20	100A	ADDITION ELECTRICAL ROOM
		21	22		
		23	24		
		25	26	90A	DP-B TRANSFORMER
		27	28		
		29	30		
		31	32	15A	EDH-4, EDH-5
		33	34		
		35	36		
		37	38		
		39	40		
		41	42		
		43	44		
		45	46		
		47	48		
		49	50		
		51	52		
		53	54		
		55	56		
		57	58		
		59	60		

NOTE: THE INDICATED PANEL ASSEMBLY MUST HAVE AN INTERRUPTING CAPACITY OF 35000 A. PROVIDE BY EITHER FULLY RATED BREAKERS OR INTEGRATED EQUIPMENT RATING WITH THE UPSTREAM BREAKER.

**PANEL 'DP-B'**

VOLTAGE: 120/208 VOLTS  
PHASE: 3P, 4W  
MAINS: 400A  
NEUTRAL BUS: FULL  
MOUNTING: SURFACE

\* INDICATES 33mA GROUND FAULT STYLE BREAKER  
THE CONTRACTOR IS TO COORDINATE ROOM NAMES AND NUMBERS NOTED WITH THE FINAL ROOM INFORMATION ISSUED DURING CONSTRUCTION AND ADJUST DIRECTORIES TO SUIT.

NOTES: C/W SPRINKLER HOOD

ELEVATOR	30A	1	2	200A	EXISTING LOAD
		3	4		
		5	6		
		7	8	15A	SPORT SHOP H
		9	10		
		11	12		
		13	14	15A	FIRE ALARM
		15A	16	15A	HYDRONIC SYSTEM PUMP P-1
		17	18		
		19	20		
		21	22	15A	B-1 BOILER
		23	24	15A	HWH-1 WATER HEATER
		25	26	15A	BP-1 BOILER PUMP
		27	28		
		29	30		
		31	32	15A	EF-23
		33	34	15A	C-1 CIRC PUMP
		35	36	15A	WS-1 WATER SOFTENER REC
		37	38	60A	PANEL 'LP-L'
		39	40		
		41	42		
		43	44	15A	EF-22 CEILING FAN
		45	46	15A	ERV-1
		47	48	15A	ERV-2
		49	50	15A	ERV-3
		51	52	15A	ERV-4
		53	54	15A	ERV-5
		55	56	15A	GROUND FL. W/R PLUMB. FIXT.
		57	58	15A	GROUND FL. W/R URIN. SOLENOID
		59	60	15A	WAS PANEL REC.

NOTE: THE INDICATED PANEL ASSEMBLY MUST HAVE AN INTERRUPTING CAPACITY OF 22000 A. PROVIDE BY EITHER FULLY RATED BREAKERS OR INTEGRATED EQUIPMENT RATING WITH THE UPSTREAM BREAKER.

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow on closely to actual building conditions and verify details required for installation of service from Consultant before commencement of the work. This drawing is not intended as a final fitting and accessories which may be required. Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. © 2022 North Inc. All rights reserved.

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MECHANICAL, ELECTRICAL, PLUMBING

PROJECT: RENOVATIONS FOR  
**ERIN COMMUNITY CENTRE**  
14 BCLAND DRIVE ONTARIO

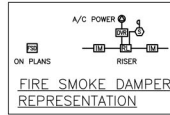
SHEET TITLE  
**DISTRIBUTION RISER DIAGRAM**

W/NO: 00	REVISION: 00	DATE: 00/00/00	W/NO: 00	REVISION: 00	DATE: 00/00/00
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10001153  
3/20/24

PROJ. NO: 21-159  
DATE: NOV 2022  
DRAWN BY: SD  
CHECKED BY: SD  
SCALE: AS NOTED  
DATE PLOTTED: 3/21/2024

DRAWING NO: **E5.1**



**FIRE ALARM RISER GENERAL NOTES**

- CONTRACTOR IS TO CONFIRM WIRE SIZE (BASED UPON LENGTH OF CIRCUIT RUN AND QUANTITY OF SIGNALS) FOR SIGNAL CIRCUIT WITH MANUFACTURER.
- PROVIDE THE REQUIRED NUMBER OF SIGNAL CIRCUITS TO SUIT THE QUANTITY OF STROBES. SIGNAL CIRCUITS ARE TO BE ALTERNATED.
- LOCATE END OF LINE RESISTORS AND ISOLATOR MODULES IN SERVICE ROOMS AT ±1.8M APT. PROVIDE LAMPOOD LABELS INDICATING ZONE LABEL AND NUMBER.
- AS PART OF SHOP DRAWING SUBMITTAL PROCESS THE DRAWING FOR THIS ANNUNCIATOR IS TO BE FORWARDED TO THE LOCAL BUILDING DEPARTMENT FOR REVIEW/APPROVAL PRIOR TO RELEASE INTO PRODUCTION.
- CONTACTS WITHIN THE CONTROLLER WILL BE PROVIDED BY THE ELEVATOR SUPPLIER. COORDINATE AND CONNECT ACCORDINGLY.
- REFER TO FLOOR PLANS FOR EXACT LOCATION AND QUANTITIES OF DEVICES.

**FIRE ALARM RISER NOTES**

- F1 WITHIN THE FIRE ALARM CONTROL PANEL, PROVIDE 5 NORMALLY OPEN DRY CONTACTS RATED FOR 120V AC AT 1.0 AMP PER ELEVATOR CONTROLLER. PROVIDE WIRING AND CONNECTION FROM THESE CONTACTS TO THE ELEVATOR CONTROLLERS AS ONE CONTACT FOR EACH ELEVATOR LOBBY, ONE CONTACT FOR ELEVATOR SHAFT AND ONE CONTACT FOR "ELEVATOR MACHINE ROOM". THESE CONTACTS ARE TO CLOSE WHEN THE RESPECTIVE DEVICE IS INITIATED.
- F2 AS PART OF SHOP DRAWING SUBMITTAL PROCESS THE DRAWING FOR THIS ANNUNCIATOR IS TO BE FORWARDED TO THE LOCAL BUILDING DEPARTMENT FOR REVIEW/APPROVAL PRIOR TO RELEASE INTO PRODUCTION.
- F3 COORDINATE WITH SECURITY VENDOR AND PROVIDE THE NECESSARY CONDUCTORS TO INTERFACE THE TWO PANELS TO ALLOW ALARM AND TROUBLE CONDITIONS TO BE MONITORED AND REPORTED BY THE SECURITY SYSTEM. PROVIDE 120V TERMINATED IN JUNCTION BOX AT HIGH LEVEL FOR MONITORING COMMUNICATOR POWER. PROVIDE 21MCM FROM FIRE ALARM CONTROL PANEL TO COMMUNICATOR ENCLOSURE. PROVIDE 21MCM FROM FIRE ALARM CONTROL PANEL TO CORRIDOR CABLE MANAGEMENT SYSTEM. PROVIDE 18MCM FROM COMMUNICATOR ENCLOSURE TO VOICE BROADCASTOR.
- F4 WITHIN THE FIRE ALARM CONTROL PANEL, PROVIDE 5 NORMALLY OPEN DRY CONTACTS RATED FOR 1.0A AT 120VAC. PROVIDE WIRING AND CONNECTION FROM FIVE (5) OF THESE CONTACTS TO THE ELEVATOR CONTROLLER AS ONE CONTACT FOR EACH OF THE FOLLOWING. THESE CONTACTS ARE TO CLOSE WHEN THE RESPECTIVE DEVICE(S) ARE INITIATED.
- 1) PRIMARY FLOOR RECALL
  - 2) ALTERNATE FLOOR RECALL
  - 3) ELEVATOR MACHINE RECALL
  - 4) TOP OF SHAFT
  - 5) ELEVATOR SHFT PIT.
- F5 INDICATES FIRE ALARM CONNECTION TO SMOKE DAMPER INTEGRAL DUCT DETECTOR. PROVIDE DUAL SUPPLY TO DAMPER AND ASSOCIATED DUCT DETECTOR BY MECHANICAL TRADE.
- F6 EXISTING CABINET IS INSTALLED WITHIN RINK BOILER ROOM CONTAINING CONVENTIONAL ZONE CARDS. DEVICES ARE TO BE REMOVED AND REPLACED WITH AN ADDRESSABLE SYSTEM.

REFER TO SPECIFICATIONS FOR EQUIPMENT ALLOWANCES FOR ADDITIONAL DEVICES TO BE ADDED AS DIRECTED BY CONSULTANT.

PROJECT NORTH  
ARCHITECT NORTH

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work.  
The drawings show general arrangement of services. Follow as closely as actual building conditions will permit. Obtain approval for relocation of service from Consultant before commencement of the work.  
This drawing and all materials all fittings and accessories which may be required. The drawings are not intended as a contract. The drawings are to be used in conjunction with the Specifications and Specifications, etc. prepared and issued by the consultant on the project and the contract and must be reviewed at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant.  
DATE: 03/20/24  
DRAWN BY: J. JACKSON

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MECHANICAL, ELECTRICAL, PLUMBING

PROJECT: RENOVATIONS FOR **ERIN COMMUNITY CENTRE**  
14 BCLAND DRIVE ONTARIO

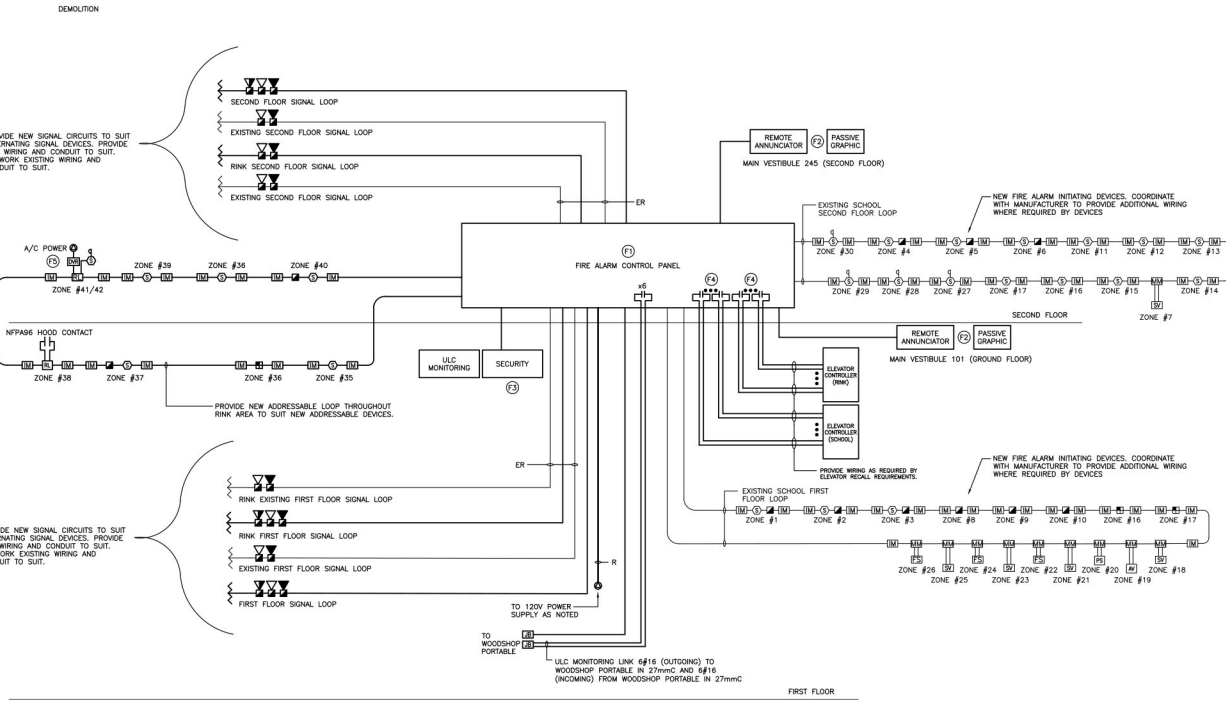
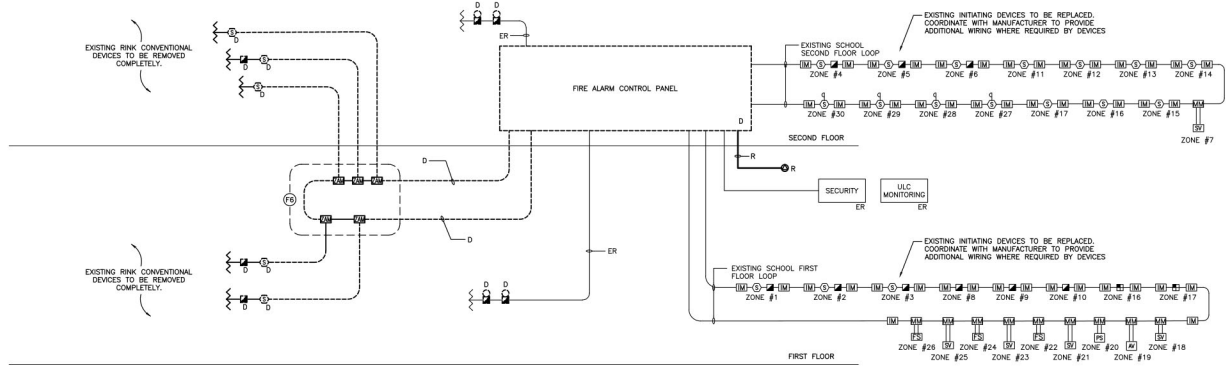
**FIRE ALARM RISER DIAGRAM**

W/SHOP	REVISION	DATE	BY

PROJ. NO. 21-159  
DATE NOV 2022  
DRAWN BY SD  
CHECKED SD  
SCALE AS NOTED  
DATE/ISSUED 3/21/2024  
DRAWING NO. **E6.1**

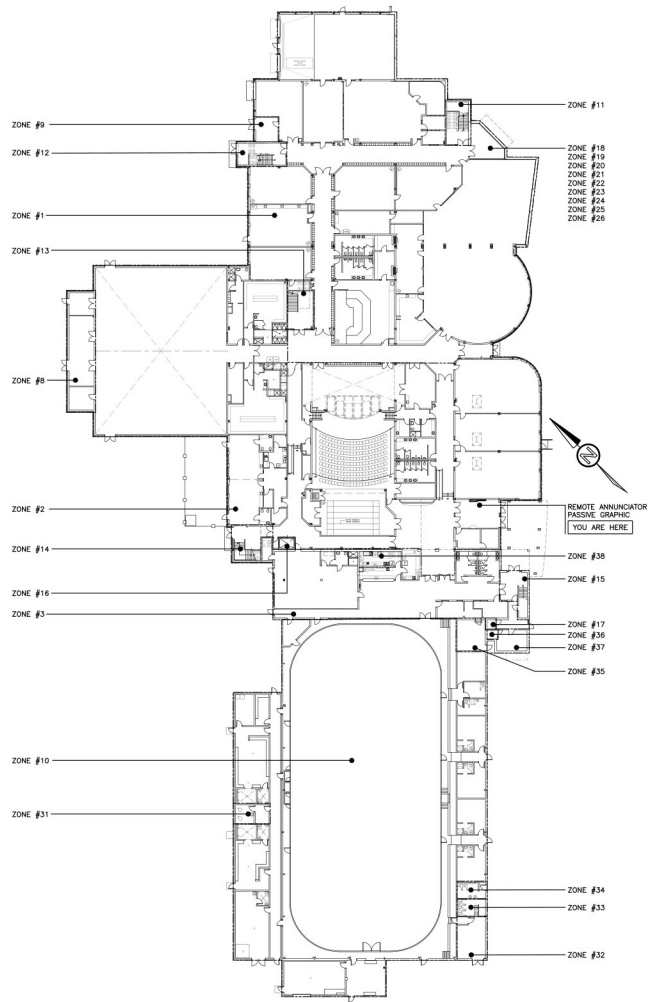
**FIRE ALARM ANNUNCIATOR SCHEDULE**

Zone	Description	Alarm	Supervisory	New	Existing
1	FIRST FLOOR EAST	•	•	•	•
2	FIRST FLOOR WEST	•	•	•	•
3	COMMUNITY CENTRE GROUND FLOOR	•	•	•	•
4	SECOND FLOOR EAST	•	•	•	•
5	SECOND FLOOR WEST	•	•	•	•
6	COMMUNITY CENTRE SECOND FLOOR	•	•	•	•
7	CAFETERIA KITCHEN	•	•	•	•
8	GYM STORAGE	•	•	•	•
9	OUTDOOR STORAGE	•	•	•	•
10	ARENA ICE RINK	•	•	•	•
11	STAIR #1	•	•	•	•
12	STAIR #2	•	•	•	•
13	STAIR #3	•	•	•	•
14	STAIR #4	•	•	•	•
15	COMMUNITY CENTRE SOUTH STAIR	•	•	•	•
16	SCHOOL ELEVATOR SHAFT	•	•	•	•
17	COMMUNITY CENTRE ELEVATOR SHAFT	•	•	•	•
18	MAN SHUTOFF VALVE	•	•	•	•
19	MAN ALARM VALVE	•	•	•	•
20	CITY LOSS OF PRESSURE	•	•	•	•
21	GROUND FLOOR SUPERVISED VALVE	•	•	•	•
22	GROUND FLOOR FLOW SWITCH	•	•	•	•
23	SECOND FLOOR SUPERVISED VALVE	•	•	•	•
24	SECOND FLOOR FLOW SWITCH	•	•	•	•
25	LIBRARY SUPERVISED VALVE	•	•	•	•
26	LIBRARY FLOW SWITCH	•	•	•	•
27	HWAC #2 DUCT DETECTOR	•	•	•	•
28	HWAC #3 DUCT DETECTOR	•	•	•	•
29	HWAC #6 DUCT DETECTOR	•	•	•	•
30	HWAC #7 DUCT DETECTOR	•	•	•	•
31	SPARE	•	•	•	•
32	SPARE	•	•	•	•
33	SPARE	•	•	•	•
34	SPARE	•	•	•	•
35	ELEVATOR MACHINE ROOM	•	•	•	•
36	RINK ELEVATOR SHAFT	•	•	•	•
37	RINK FIRST FLOOR	•	•	•	•
38	NFPA 96 HOOD CONTACT	•	•	•	•
39	STAIRS	•	•	•	•
40	RINK SECOND FLOOR	•	•	•	•
41	SUPPLY AIR DUCT FIRE SMOKE DAMPER	•	•	•	•
42	SUPPLY AIR DUCT FIRE SMOKE DAMPER AC POWER	•	•	•	•

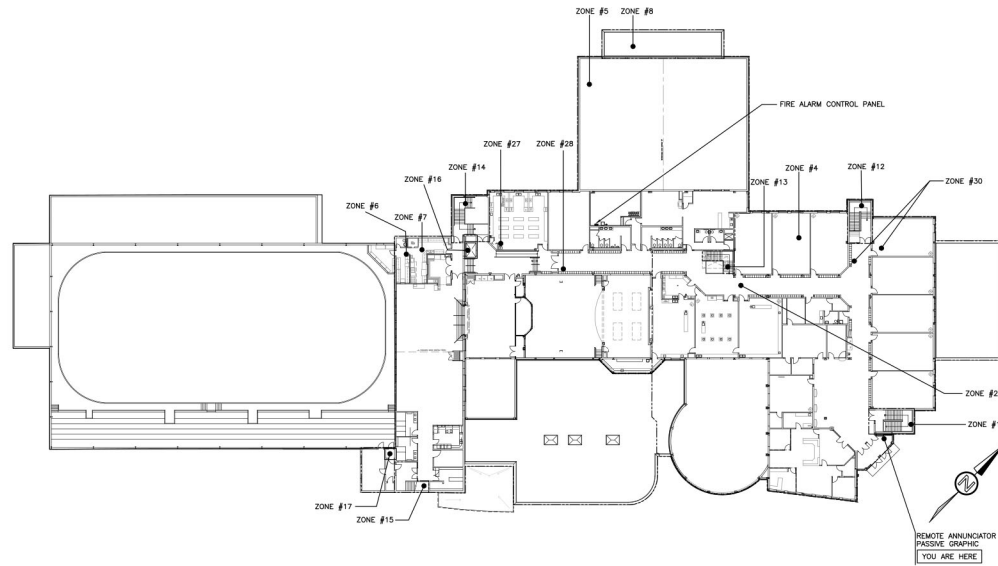


**FIRE ALARM RISER AND ZONE SCHEDULE**  
SCALE: NTS





GROUND FLOOR PLAN — FIRE ALARM GRAPHIC  
SCALE: 1:400



SECOND FLOOR PLAN — FIRE ALARM GRAPHIC  
SCALE: 1:400

NOTE: PROVIDE PASSIVE GRAPHICS IN BOTH ORIENTATIONS TO SUIT TWO ENTRY LOCATIONS.

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PROJECT

SHEET TITLE  
**FIRE ALARM PASSIVE GRAPHIC**

NO.	DATE	REVISION

DATE	REVISION	DATE	REVISION

PROJ. NO.	21-159
DATE	NOV 2022
DRAWN BY	SD
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SCALE	AS NOTED
DATE PLOTTED	3/21/2024
DRAWING NO.	E6.2

*(Professional Engineer Seal: J. JACKSON, 10001153, PROVINCE OF ONTARIO)*