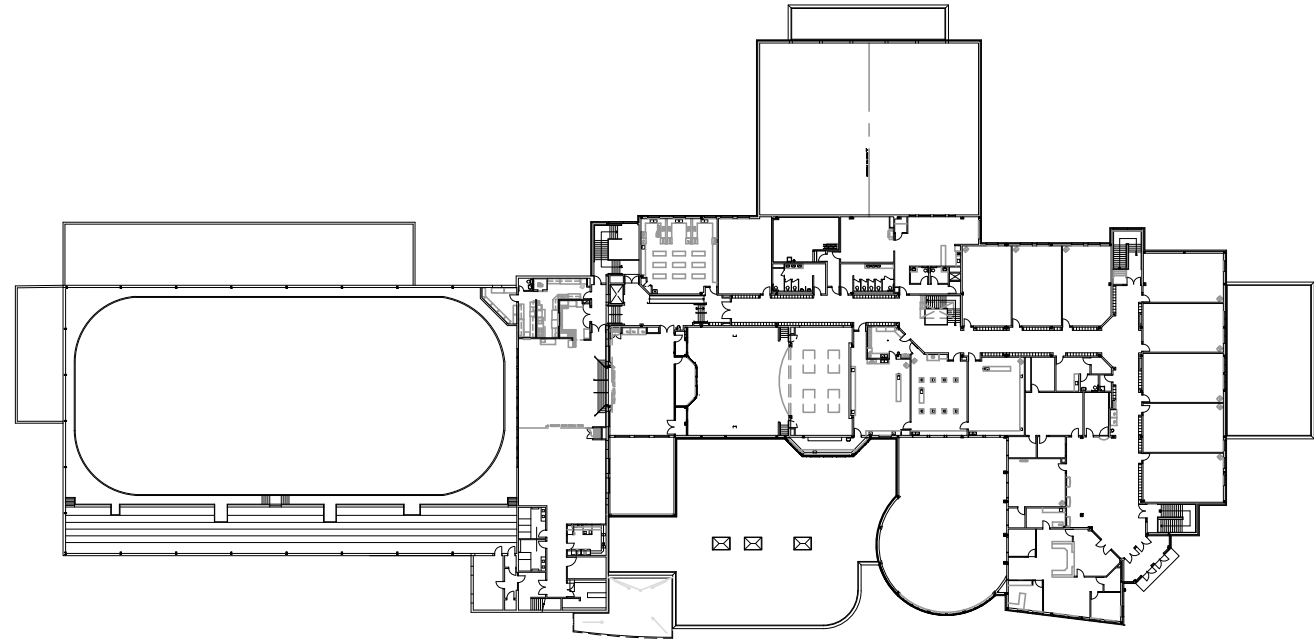
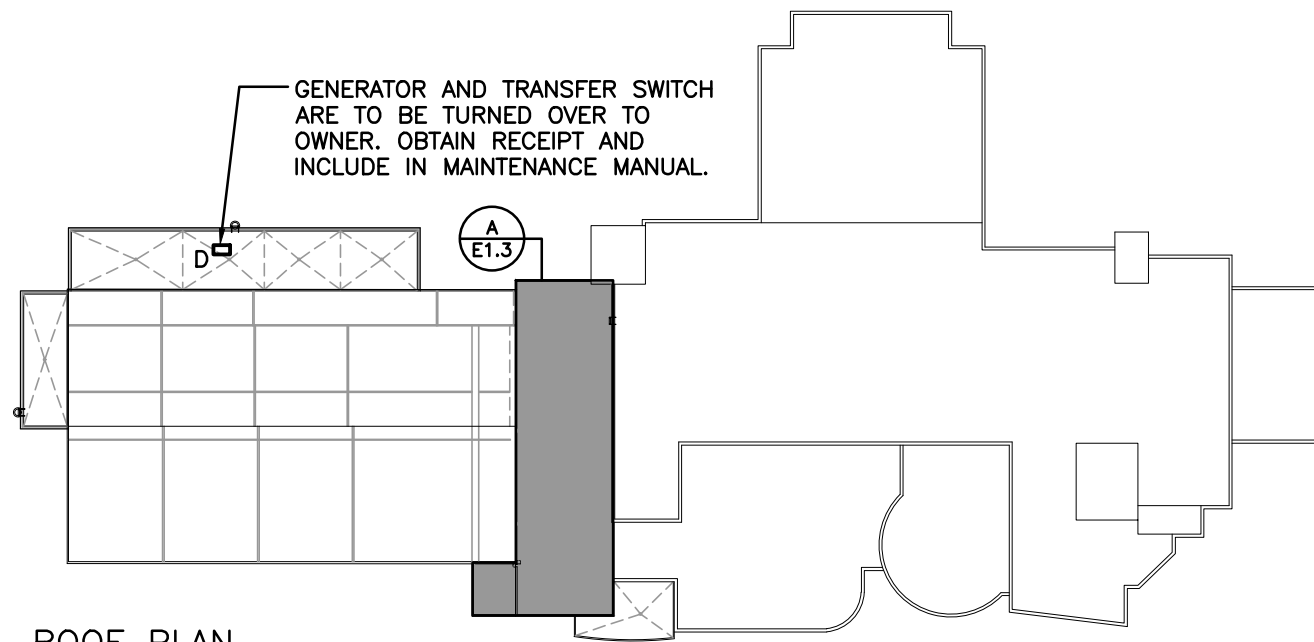


FIRST FLOOR



SECOND FLOOR



ROOF PLAN

KEY PLAN
SCALE: 1:1000

EQUIPMENT WIRING SCHEDULE

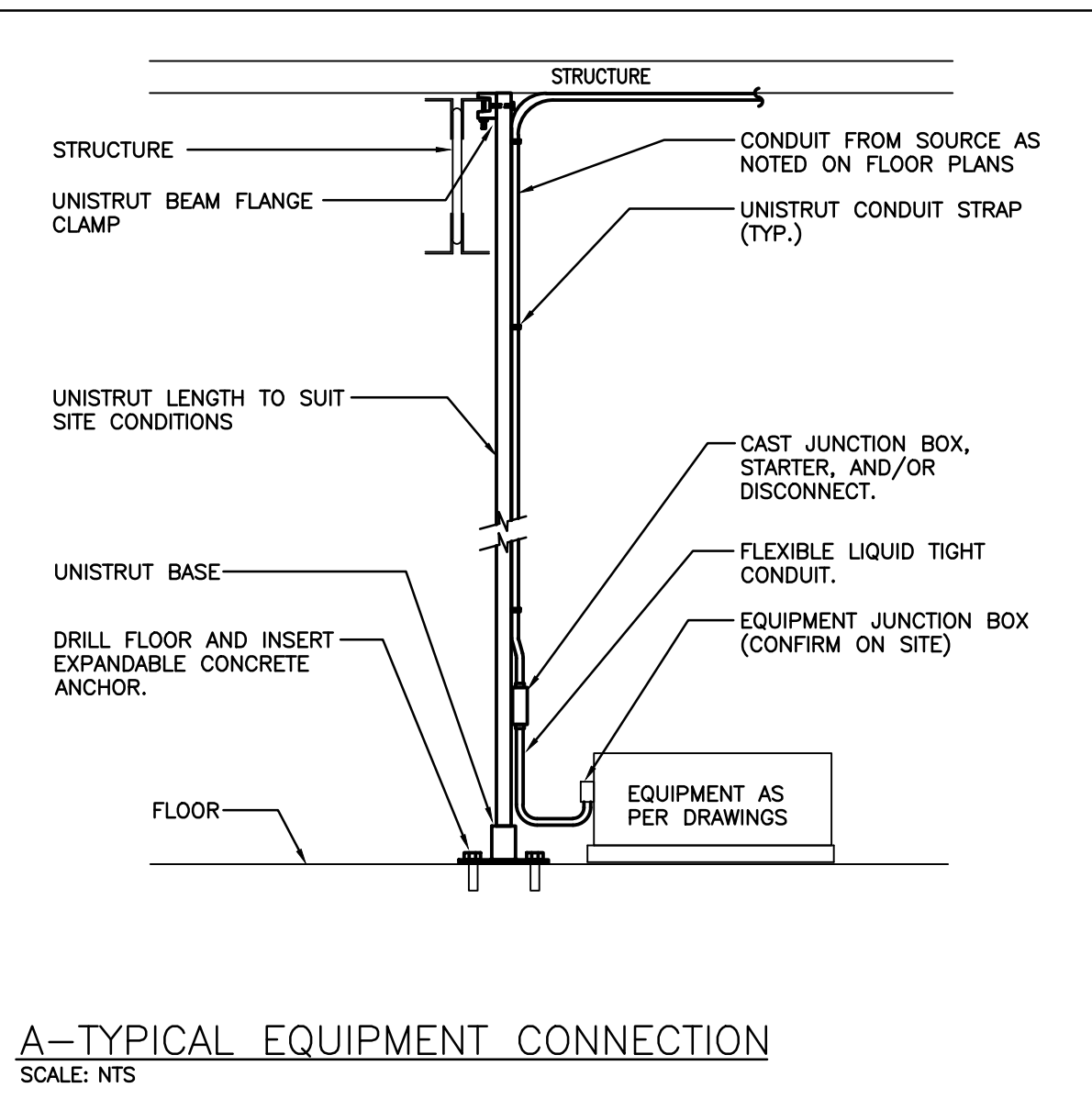
Electrical Item	Description	Provided by	Data		Starter			Control Device			Isolating Device			Remote Items														Interlock		Remarks				
			Voltage	Size hp/kW/Amps Phase	Magnetic	Manual	Contactor	Combination Variable Frequency Drive	Hand/Off/Auto	On/Off Selector	Start/Stop PB	High/Low/Off	Pilot Light	Disconnect WP	Disconnect	Brkr/Fuse	Starter Device Wired By	Thermostat	RA	Thermostat	Time of Day	Time of Day	Current Sensor	Var-Speed (Lights)	Ctrl Frequency Sensor	Dual Voltage Relay	Humidistat	Differential Pressure Sensor	Control Panel		Wired by	Bldg Auto System	Wired by	Interlock To
1	DHU-1 (RINK DEHUMIDIFIER)	M	575	16 FLA	3							E		E	E																			
2	DHU-2 (RINK DEHUMIDIFIER)	M	575	16 FLA	3							E		E	E											M								
3	MAU-1 (KITCHEN MAKE-UP AIR UNIT)	M	208	3/4 HP	3									E	E	E	M										M	M	M		4	E	REFER TO NOTE #1	
4	EF-1 NFPA ROOF FAN (1ST FLOOR KITCHEN)	M	208	1.5 HP	3	E				E				E	E	E												M	M		3	E	REFER TO NOTE #1	
5	EF-3 ROOF FAN (1ST FLOOR WASHROOM)	M	120	1/4 HP	1									E	E	E								M			M/E	M	M				WIRE DVR INLINE WITH LOAD SIDE OF LIGHTING CIRCUIT.	
6	EF-5 ROOF FAN (2ND FLOOR WASHROOM)	M	120	FHP	1									E	E	E								M			M/E	M	M				WIRE DVR INLINE WITH LOAD SIDE OF LIGHTING CIRCUIT.	
7	EF-21 CEILING FAN (2ND FLOOR DHW RM.)	M	120	FHP	1									E		E	E	E									E						BAS MONITOR OPERATION ONLY	
8	EF-22 CEILING FAN (1ST FL. CUSTODIAN)	M	120	FHP	1									E		E	E										E	M	M		LIGHTS	E	BAS MONITOR OPERATION ONLY	
9	EF-23 CEILING FAN (1ST FL. BOILER RM.)	M	120	FHP	1									E		E	E	E									E						BAS MONITOR OPERATION ONLY	
10	EF-24 CEILING FAN (FEMALE W/R)	M	120	FHP	1									E		E	E							M			M/E	M	M				PARALLEL CONTROL ON WITH LIGHTS OR TIME-OF-DAY CONTROL.	
11	EF-25 CEILING FAN (MALE W/R)	M	120	FHP	1									E		E	E							M			M/E	M	M				PARALLEL CONTROL ON WITH LIGHTS OR TIME-OF-DAY CONTROL.	
12	EF-26 (REFRIGERATION ROOM EXHAUST)	M	208	1 HP	3									E		E	E	M									M	M	M	M	MTRIZD DMPRS	M		INTEGRAL ECM MOTOR PROVE DAMPERS OPEN BEFORE START
13	ERV-1 ENERGY RECOVERY VENTILATOR	M	120	FHP	1									E		E	E							M			M	M	M	18	M		BAS CONTROL	
14	ERV-2	M	120	FHP	1									E		E	E							M			M	M	M	19	M		BAS CONTROL	
15	ERV-3	M	120	FHP	1									E		E	E							M			M	M	M	20	M		BAS CONTROL	
16	ERV-4	M	120	FHP	1									E		E	E							M			M	M	M	21	M		BAS CONTROL	
17	ERV-5	M	120	FHP	1									E		E	E							M			M	M	M	22	M		BAS CONTROL	
18	EDH-1 ELEC DUCT HEATER	M	575	4.5 kW	3									E		E	E	M									M	M	M	13	M			
19	EDH-2 ELEC DUCT HEATER	M	575	4.5 kW	3									E		E	E	M									M	M	M	14	M			
20	EDH-3 ELEC DUCT HEATER	M	575	4.5 kW	3									E		E	E	M									M	M	M	15	M			
21	EDH-4 ELEC DUCT HEATER	M	575	4.5 kW	3									E		E	E	M									M	M	M	16	M			
22	EDH-5 ELEC DUCT HEATER	M	575	4.5 kW	3									E		E	E	M									M	M	M	17	M			
23	BP-1 BOILER PUMP	M	208	1/2 HP	3				E					E		E	E										M	M	M					
24	P-1 HYDRONIC SYSTEM PUMP	M	208	1 HP	3					M				E		E	E									M		M	M					
25	C-1 DHW CIRC. PUMP (1ST FLOOR)	M	120	FHP	1									E		E	E							M			M	M						
26	C-2 DHW CIRC. PUMP (2ND FLOOR)	M	120	FHP	1									E		E	E							M			M	M						
27	B-1 BOILER (1ST FLOOR BOILER)	M	120	FHP	1									E		E	E										M	M						
28	HWH-1 WATER HEATER (2ND FLOOR)	M	120	FHP	1									E		E	E																	
29	WS-1 (WATER SOFTENER)	M	120	FHP	1									E		E	E																	PROVIDE RECEPTACLE.
30	RH-1 (RADIANT HEATER)	M	120	FHP	1									E		E	E	M									M	M	M					BAS CONTROL
31	RH-2 (RADIANT HEATER)	M	120	FHP	1									E		E	E	M									M	M	M					BAS CONTROL
32	CONTROL TRANSFORMER (BOILER ROOM)	M	120	FHP	1											E	E																	
33	CONTROL TRANSFORMER (REFRIGERATION ROOM)	M	120	FHP	1											E	E																	
34	VOLUME DAMPER CONTROL VD-1	M	120	FHP	1									E		E	E							M			M	M/E						
35	HWH-2 WATER HEATER (2ND FLOOR)	M	120	FHP	1									E		E	E																	
36	C-3 DHW CIRC. PUMP (2ND FLOOR)	M	120	FHP	1									E		E	E							M				M	M					

NOTES:

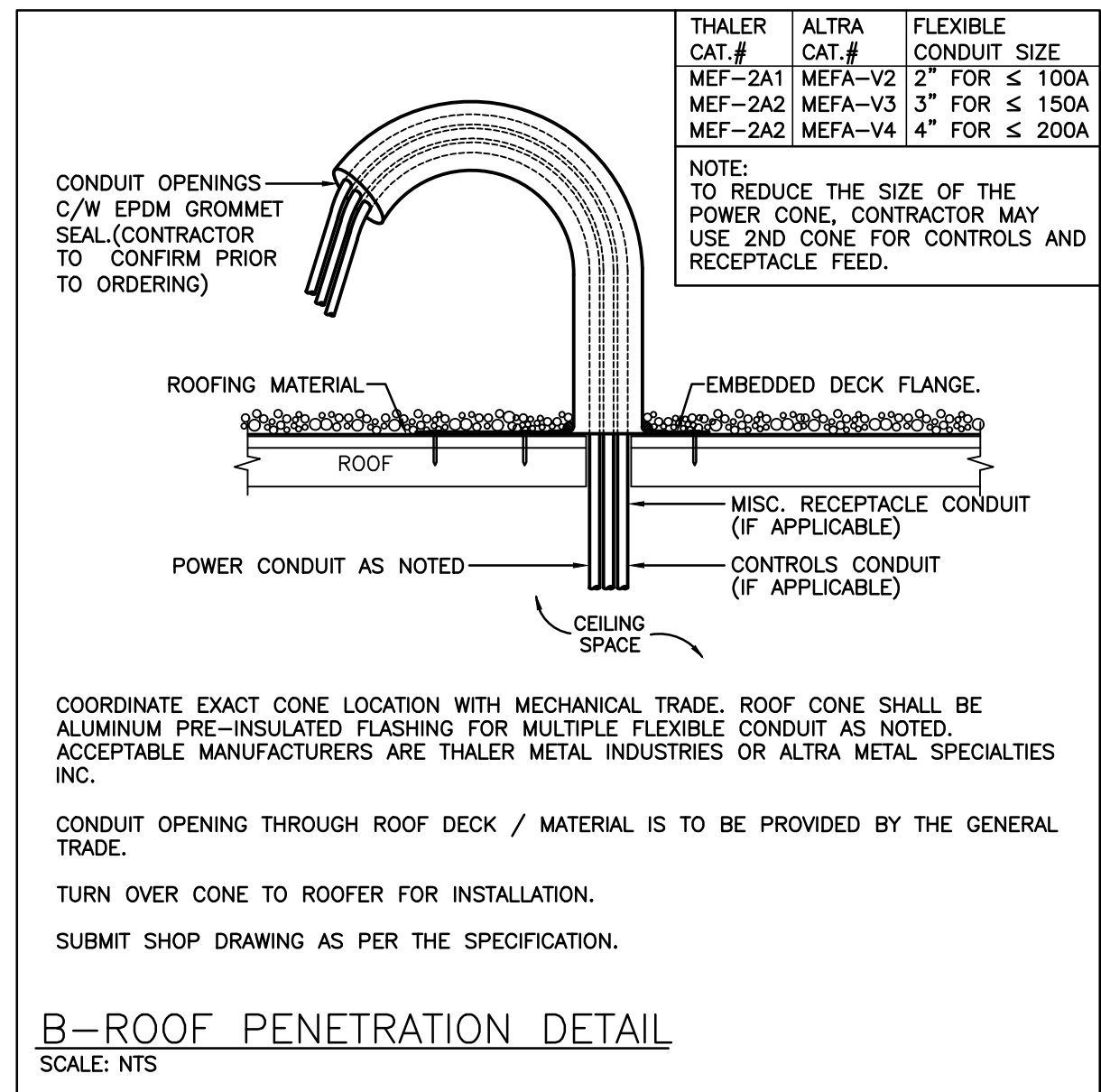
1. ELECTRICAL TRADE SHALL PROVIDE MAGNETIC STARTER FOR NFPA96 EXHAUST FAN HOOD. PROVIDE REMOTE START/STOP PUSHBUTTON FOR CONTROL OF ASSOCIATED STARTER. CONTROL SIGNAL IS TO EXTEND TO MAKE-UP AIR CONTROL PANEL FOR START/STOP SIGNAL. THIS INTERLOCK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL TRADE. COORDINATE EXACT LOCATION OF MAKE-UP AIR CONTROL PANEL AND WIRING REQUIREMENTS WITH THE MECHANICAL TRADE.

NOTES:

- ELECTRICAL TRADE SHALL PROVIDE MAGNETIC STARTER FOR NFPA96 EXHAUST FAN HOOD. PROVIDE REMOTE START/STOP PUSHBUTTON FOR CONTROL OF ASSOCIATED STARTER. CONTROL SIGNAL IS TO EXTEND TO MAKE-UP AIR CONTROL PANEL FOR START STOP SIGNAL. THIS INTERLOCK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL TRADE. COORDINATE EXACT LOCATION OF MAKE-UP AIR CONTROL PANEL AND WIRING REQUIREMENTS WITH THE MECHANICAL TRADE.



A-TYPICAL EQUIPMENT CONNECTION
SCALE: NTS

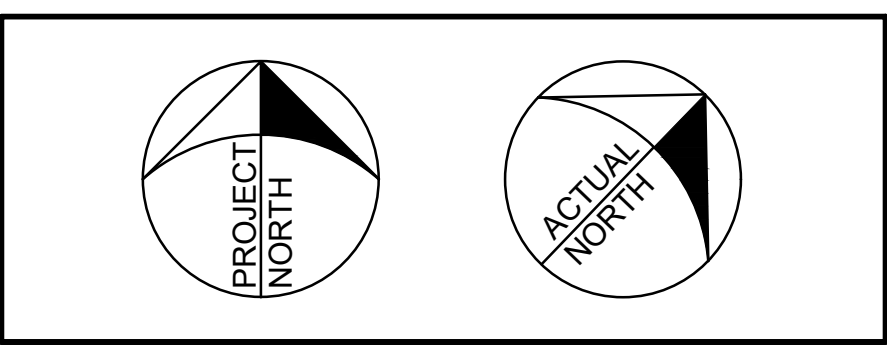


B-ROOF PENETRATION DETAIL
SCALE: NTS

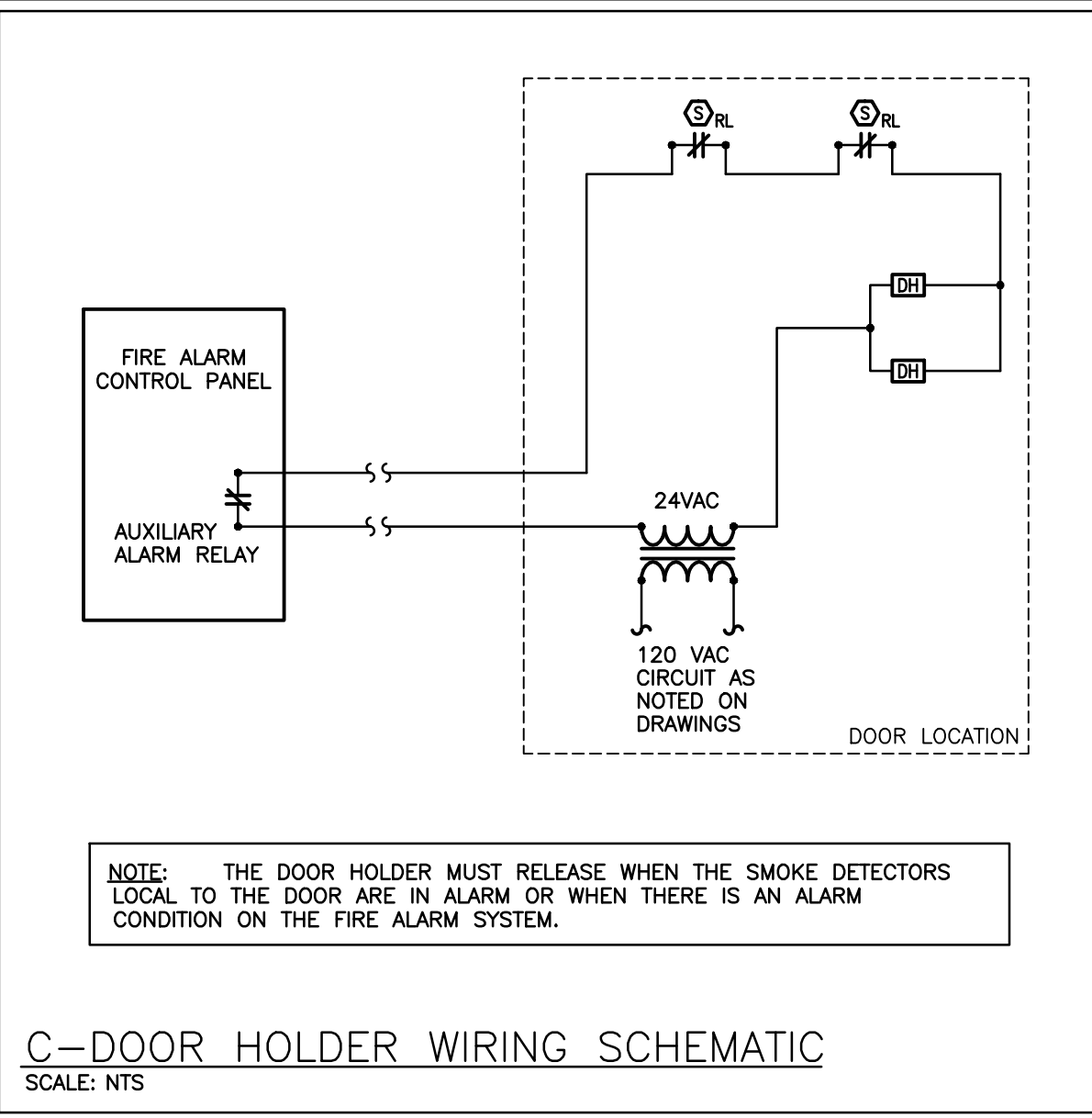
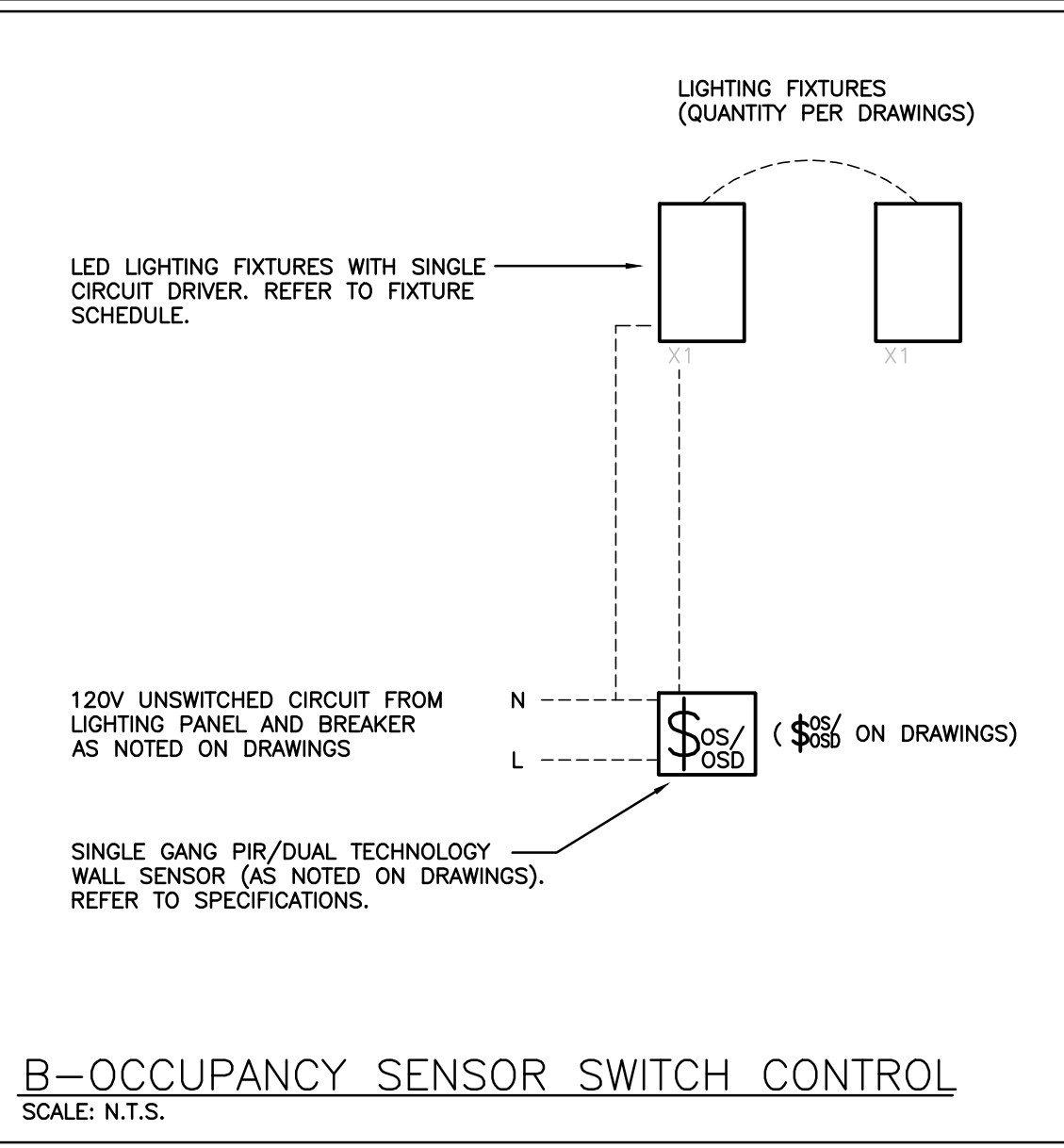
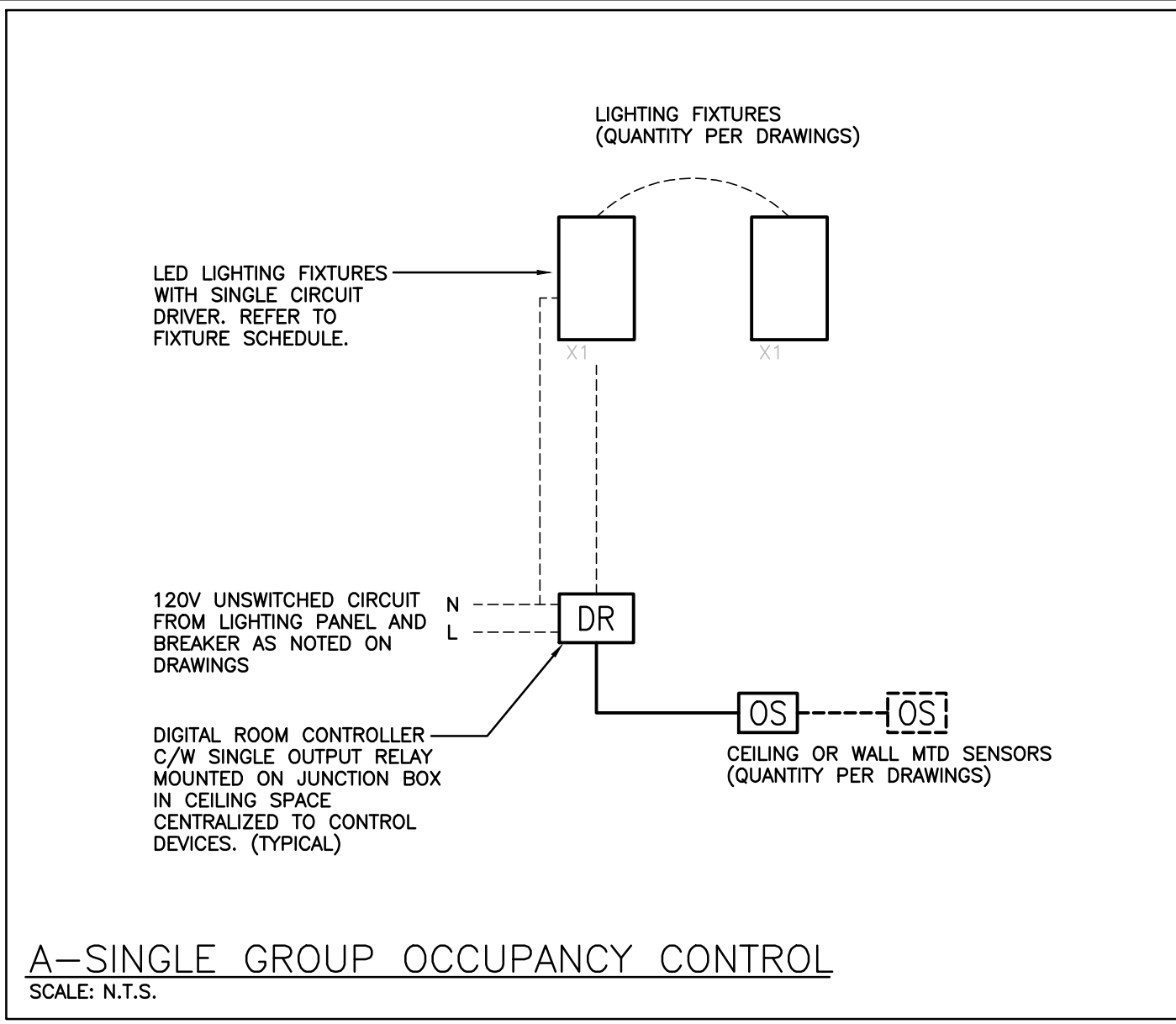
ELECTRICAL SYMBOLS

NOTE: ALL SYMBOLS MAY NOT BE USED

LIGHTING		POWER	
	LIGHT FIXTURE TYPE AS INDICATED		WALL MOUNTED RECEPTACLE (15A-120V)
	LIGHT FIXTURE (HATCHING DENOTES NIGHTLIGHT)		WALL MOUNTED T-SLOT RECEPTACLE (20A-120V)
	COMBINATION EMERGENCY/EXIT TYPE AS INDICATED (EM-X INDICATES BATTERY UNIT TYPE, DC-X INDICATES DC CIRCUIT, AND X-X INDICATES AC SOURCE CIRCUIT)		T-SLOT RECEPTACLE MTD. ABOVE COUNTER (20A-120V)
	RECEPTACLE MTD. ABOVE COUNTER S=SPLIT (15A-120V)		STOVE RECEPTACLE
	CEILING OR WALL MOUNTED LIGHT FIXTURE TYPE AS INDICATED		DRYER RECEPTACLE
	WALL MOUNTED EXIT LIGHT SHADING INDICATES FACE		SPECIAL RECEPTACLE
	CEILING MOUNTED EXIT LIGHT ARROWS DENOTE DIRECTION SHADING INDICATES FACE		QUAD RECEPTACLE
	SINGLE OR TWIN EMERGENCY LIGHTING FIXTURE		DIRECT CONNECTION
	RECESSED REMOTE EMERGENCY FIXTURES		JUNCTION BOX
	BATTERY UNIT WITH INTEGRAL EMERGENCY FIXTURE (EM-X INDICATES BATTERY UNIT TYPE, DC-X INDICATES DC CIRCUIT, AND X-X INDICATES AC SOURCE CIRCUIT)		PANEL AS INDICATED
	SINGLE POLE SWITCH (3=3 WAY, 4=4 WAY, P=PILOT LIGHT, K=KEYED, DM=DIMMER, M=MOTOR RATED)		FUSED DISCONNECT
	OCCUPANCY SENSOR (PASSIVE)		UNFUSED DISCONNECT
	OCCUPANCY SENSOR: OSD=DUAL TECHNOLOGY OSR=DUAL CIRCUIT/DUAL TECHNOLOGY		SURFACE RACEWAY C/W DEVICES AS NOTED (REFER TO SPECIFICATIONS)
	CEILING MOUNTED MOTION SENSOR		HAND DRYER
	WALL MOUNTED MOTION SENSOR		PUSH-BUTTON STATION (QUANTITY OF BUTTONS AS PER PLANS)
	DIGITAL ROOM CONTROLLER		CONTACTOR
	TRANSFORMER	SECURITY	
FIRE ALARM			SECURITY DETECTOR (SURFACE MOUNTED)
	HEAT DETECTOR (135 DEGREE RATE OF RISE AND FIXED TEMPERATURE)		SECURITY SIREN (INSTALL 2400mm AFF) C/W 19mmC TO NEAREST SECURITY JUNCTION BOX
	HEAT DETECTOR (135 DEGREE FIXED TEMPERATURE)		SECURITY KEYPAD (INSTALL 1100mm AFF) C/W 19mmC TO NEAREST SECURITY JUNCTION BOX
	DUCT TYPE SMOKE DETECTOR		DOOR CONTACT C/W 19mmC TO NEAREST SECURITY JUNCTION BOX (REFER TO DETAIL)
	SMOKE DETECTOR (RL=RELAY BASE)		LOW TEMPERATURE SENSOR. ROUGHIN AS A SINGLE GANG BOX MOUNTED HORIZONTALLY AT 150mm BELOW FINISHED CEILING LEVEL.
	SUPERVISED VALVE		SECURITY JUNCTION BOX 150mm (6") SQUARE C/W COVER
	FLOW SWITCH		CEILING MOUNTED CAMERA
	ALARM VALVE		CAMERA POWER SUPPLY
	DOOR HOLD OPEN DEVICE		MAIN SECURITY CONTROL PANEL
	MONITORING MODULE		ZONE EXPANSION PANEL. REFER TO INSTALLATION DETAIL.
	CARBON MONOXIDE DETECTOR C/W BATTERY BACK UP		HOLD-UP/PANIC PUSHBUTTON C/W 13mmC TO NEAREST SECURITY JUNCTION BOX.
	PULLSTATION	ELECTRIC HEAT	
	ALARM BELL		BASEBOARD ELECTRIC HEATER (TYPE AS INDICATED)
	ALARM HORN		FAN FORCED ELECTRIC HEATER (TYPE AS INDICATED)
	ALARM STROBE		UNIT HEATER (TYPE AS INDICATED)
	COMBINATION HORN/STROBE	GENERAL	
COMMUNICATIONS		ER	INDICATES EXISTING ITEM TO REMAIN
	SINGLE WALL MOUNTED TELEPHONE OUTLET C/W 3/4" (13mm) C TO CABLE MANAGEMENT SYSTEM.	D	INDICATES EXISTING ITEM TO BE DELETED
	SINGLE COMPUTER OUTLET C/W 3/4" (21mm) C TO CABLE MANAGEMENT SYSTEM.	R	INDICATES EXISTING ITEM TO BE RELOCATED/IN RELOCATED POSITION
	COMBINATION SINGLE VOICE/ SINGLE COMPUTER OUTLET UNLESS OTHERWISE NOTED C/W 1" (27mm) C TO CABLE MANAGEMENT SYSTEM. # INDICATES THE QUANTITY OF ACTIVE PARTS. LEFT VALUE ALWAYS INDICATES VOICE.	WG	WIREGUARD
	WIRELESS ACCESS POINT. PROVIDE 3/4" (21mm) C TO CABLE MANAGEMENT SYSTEM.	GF	GROUND FAULT
	CLOCK AS PER SPECIFICATIONS	TR	TAMPER RESISTANT
	CEILING MOUNTED SPEAKER	CLG	CEILING MOUNTED
STANDARD CIRCUIT LABELING			NOTE INDICATOR
POWER PANEL LABEL CIRCUIT INDICATION SWITCH LEG (IF APPLICABLE)			MECHANICAL ITEM NO.
			OWNERS EQUIPMENT ITEM NO.

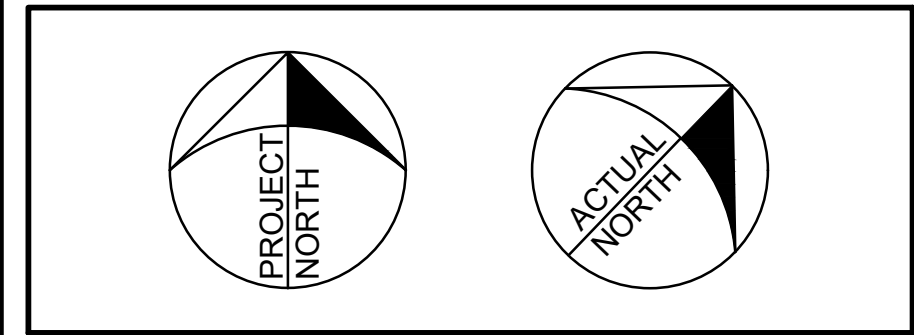
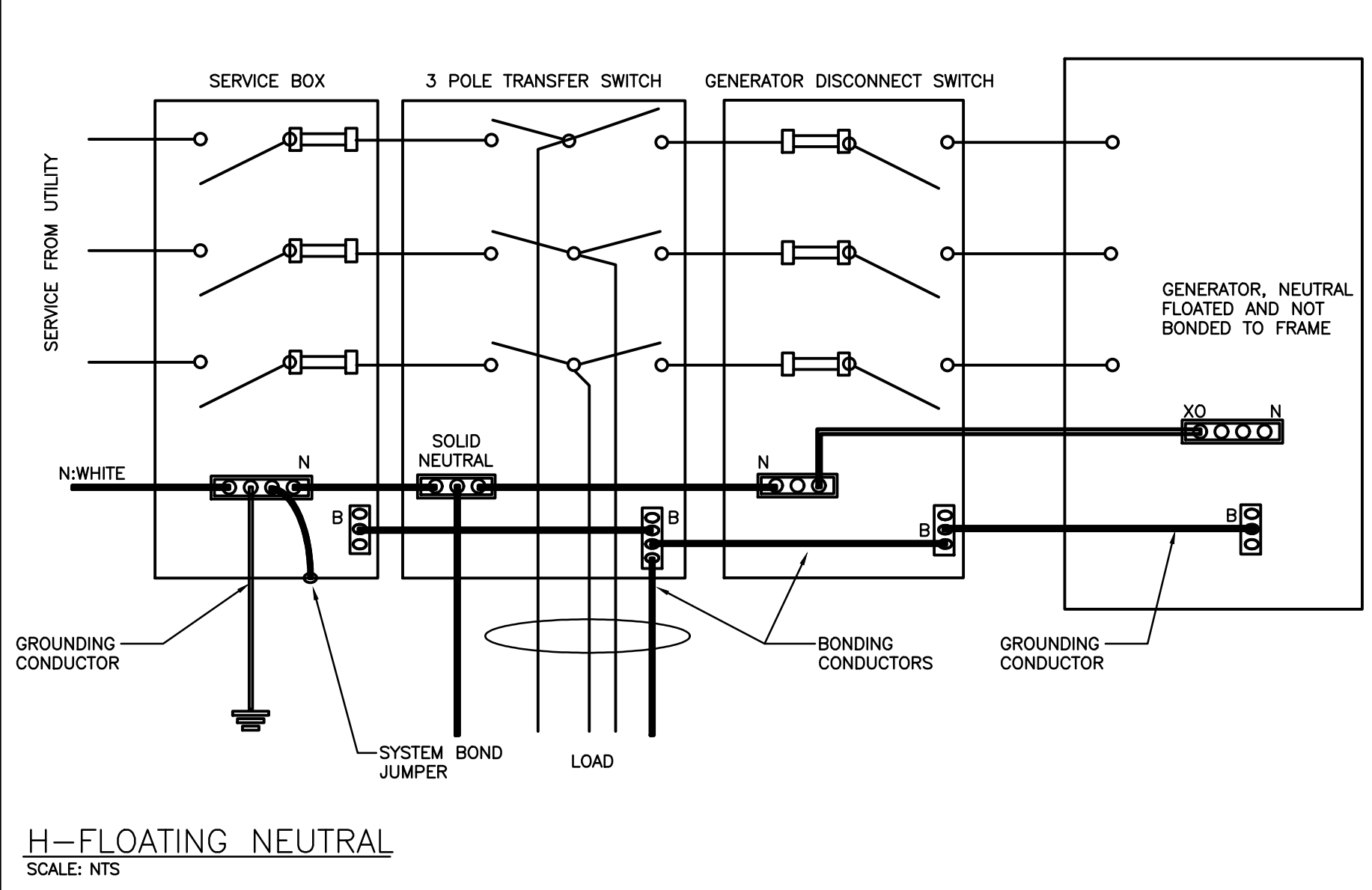
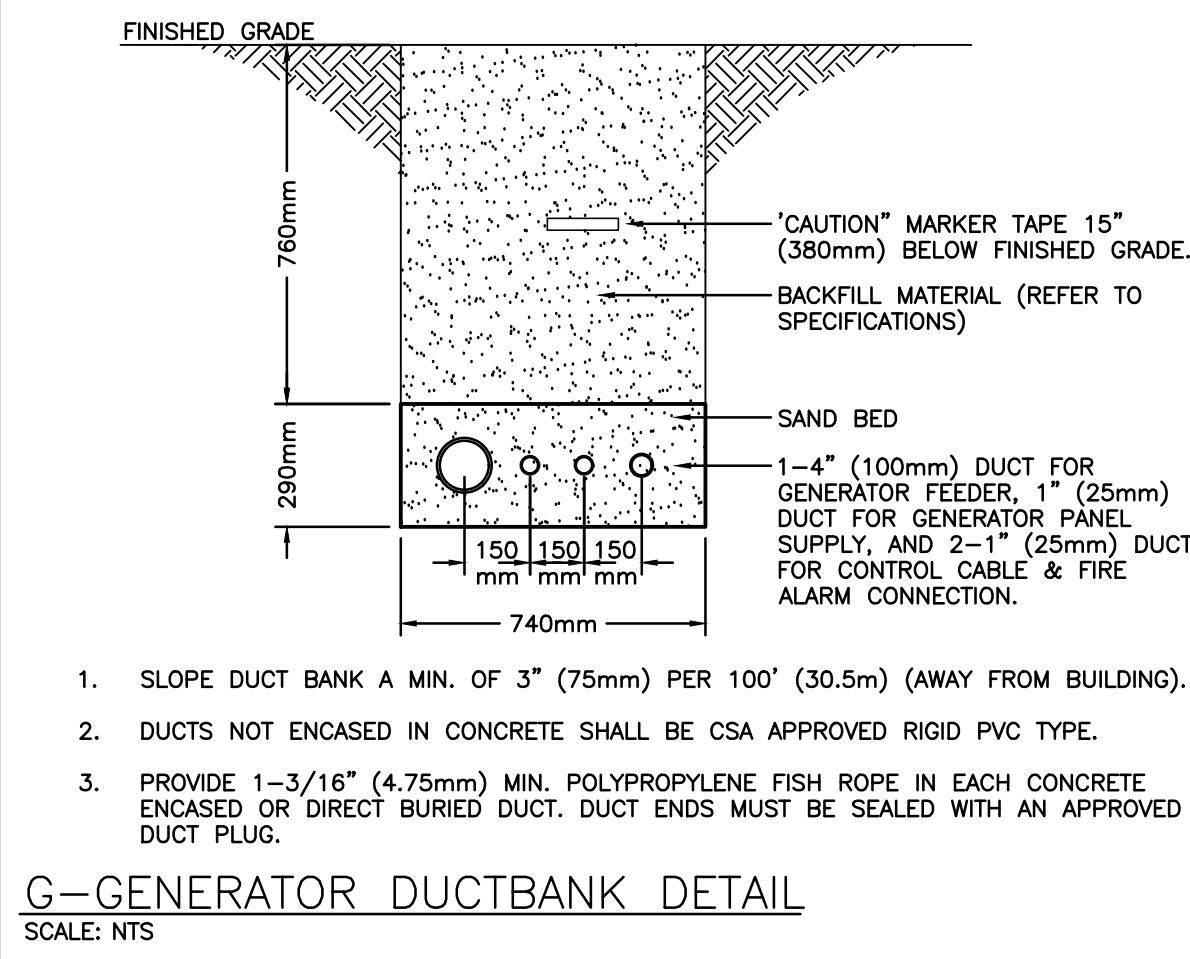
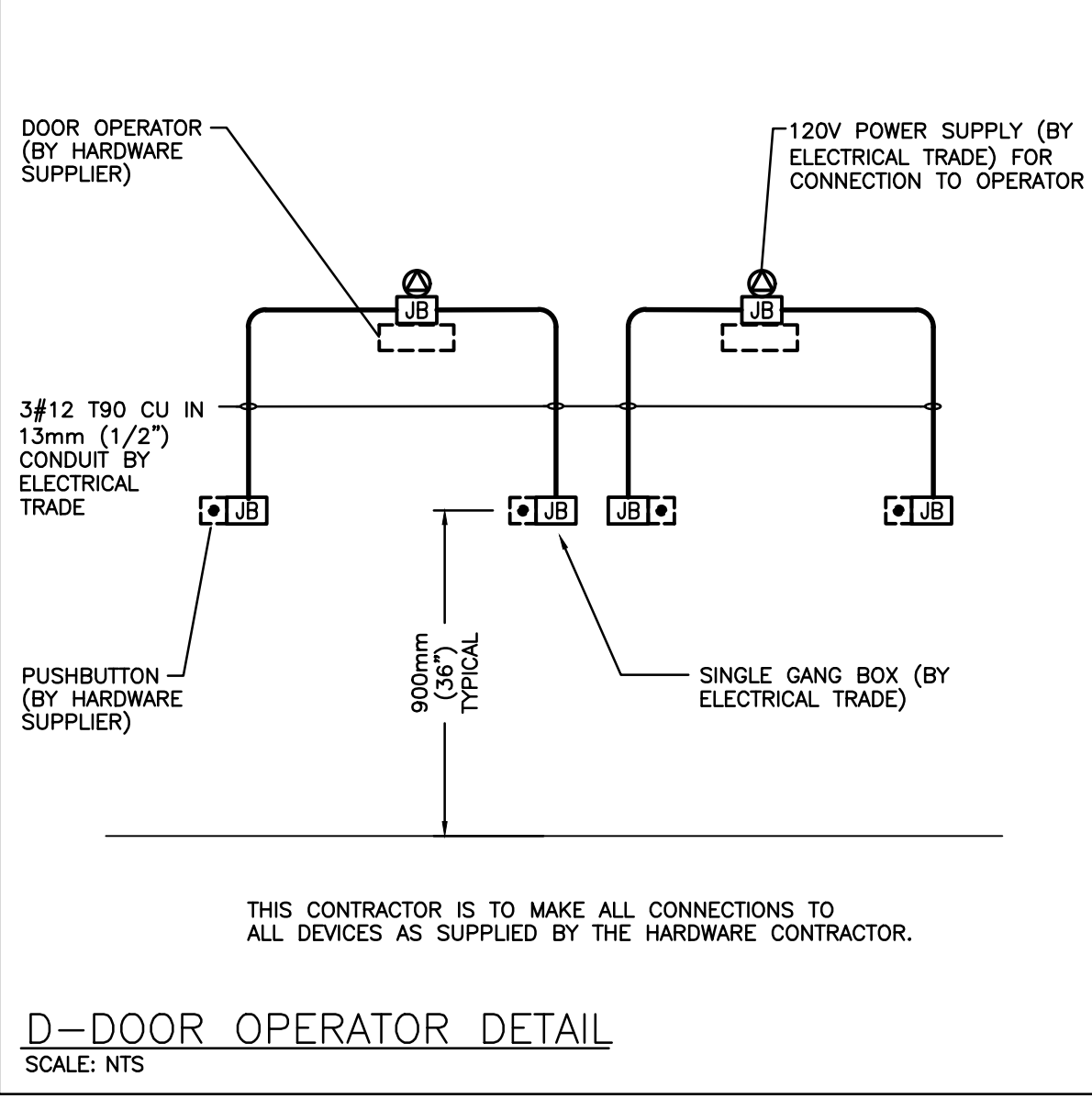
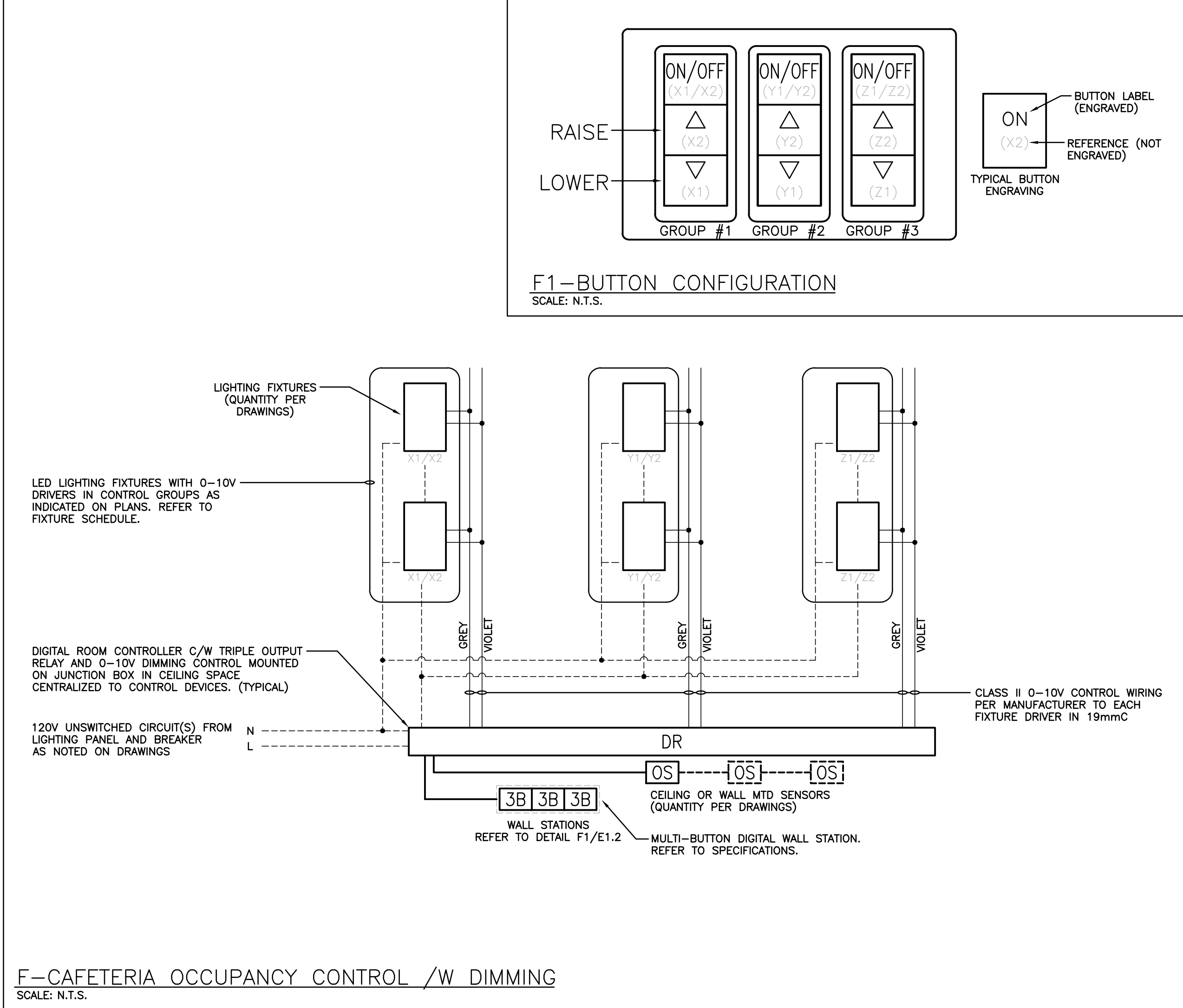


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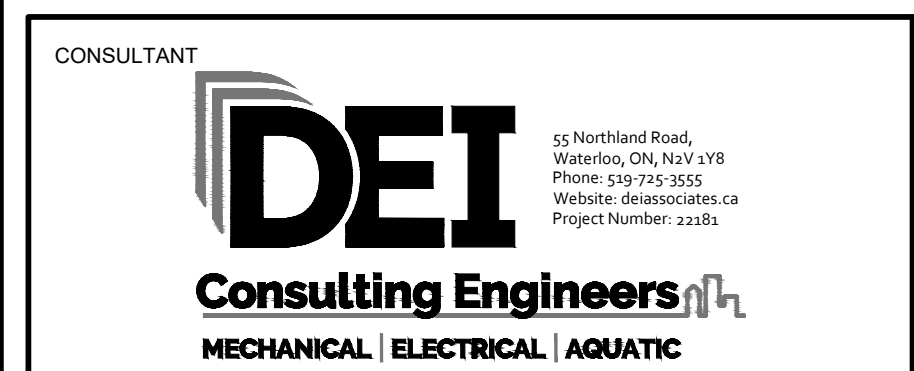
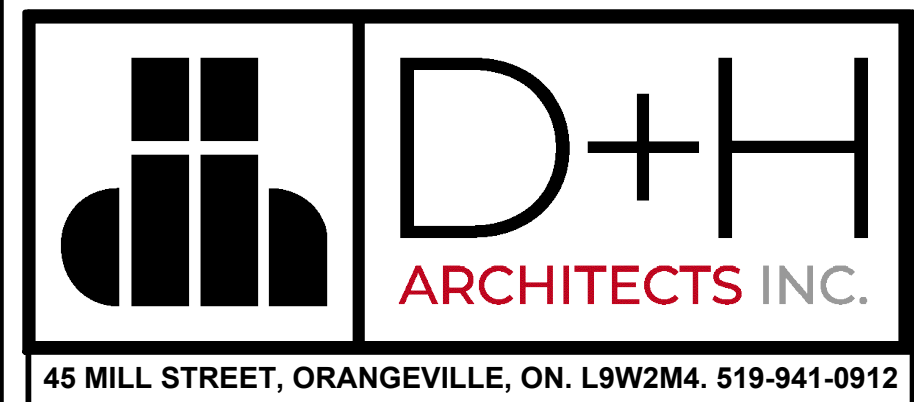


LED LIGHT FIXTURE SCHEDULE					
Item	Manufacturer/Catalog Number	Voltage	Lamp	Mounting	Description
A	LITHONIA CAT. #CPX-2X4-AL07-SWW7-M4 SIGNIFY CAT. #2SBP3550L8CS-4-UNV-DIM	120V	LED 3649 LUMENS 4000K 28W	SURFACE	2'X4' LED FLAT PANEL TROFFER C/W WHITE FINISH. <div>SET FIXTURE TO 'MED' AND '4000K' SETTINGS</div>
B	LITHONIA CAT. #CPX-1X4-AL07-SWW7-M4 C/W 1X4SMKSH SIGNIFY CAT. #1SBP3040L8CS-4-UNV-DIM C/W FSF14	120V	LED 2594 LUMENS 4000K 20W	SURFACE	1'X4' LED FLAT PANEL TROFFER C/W SURFACE MOUNT KIT C/W WHITE FINISH. <div>SET FIXTURE TO 'LOW' AND '4000K' SETTINGS</div>
E	LITHONIA CAT. #CSS-L96-8000LM-MVOLT-40K-80CRI	120V	LED 8596 LUMENS 4000K 72W	SUSPENDED	1'X8' MVOLT LED STRIP LIGHT C/W LOW-GLARE DIFFUSE LENS.
F	COOPER CAT. #CSS L48 AL03 UVOLT SWW3 80CRI C/W WGCS	120V 347	LED 3501 LUMENS 4000K 46W	SURFACE/ SUSPENDED	4" (1220mm) SURFACE LED STRIP LIGHT C/W WIDE LENSED OPTICAL DISTRIBUTION. WIRE GUARD ACCESSORY.
F1	COOPER CAT. #CSS L96 AL04 UVOLT SWW3 80CRI C/W WGCS	120V 347	LED 1500 LUMENS 4000K 46W	SURFACE/ SUSPENDED	8" (2440mm) SURFACE LED STRIP LIGHT C/W WIDE LENSED OPTICAL DISTRIBUTION. WIRE GUARD ACCESSORY.
G	PHILLIPS CAT. #14A19/LED/827/FR/P/ND 4/2FB	120V	LED 1500 LUMENS 4000K 14W	RETROFIT	LED REPLACEMENT E28 SOCKET LIGHT BULB TO REPLACE EXISTING BULB. EXISTING SOCKET TYPE TO BE CONFIRMED.
H	LITHONIA CAT. #CSV-L96-AL04-347V-40K-80CRI-WLFEND2	347V	LED 6000 LUMENS 4000K 56W	SUSPENDED	8" (2440mm) SURFACE LED STRIP LIGHT C/W WIDE LENSED OPTICAL DISTRIBUTION. WET LOCATION LISTED COMPLETE WITH WET LOCATION END CAPS.
EXIT LIGHTS	BEGHELLI CAT. #QRRMLUMWOLR EMERGLITE CAT. #EAXWU LUMACELL CAT. #LAKWJ STANPRO CAT. #RMKLOWHJDC AIMLITE CAT. #RPLUMWHTUNVDC READY-LITE CAT. #RA-W-U	12V/120V	LED 2.5 WATT (MAX.)AC 2 WATT (MAX.)DC	SURFACE	LED EXTRUDED ALUMINUM PICTOGRAM FIXTURE C/W GREEN FACE AND WHITE LEGEND, UNIVERSAL MOUNTING TO SUIT WALL, END OR CEILING AND MAXIMUM 63mm (2.5") THICKNESS.
EMERG. LIGHTS	BEGHELLI CAT. #SR-10LED & SR-20LED LUMACELL CAT. #MOM1LD7 & MOM2LD7 EMERGLITE CAT. #EF10LG & EF10DLG STANPRO CAT. #N112V4WLJ & N213V4WLJ AIMLITE CAT. #RMSM1124WLJWHT & RMSM2124WLJWHT 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 #QR1236L1MBTMR2SWRMOLR EM-2 #QR1272L1MBTMR2SWRMOLR EMERGLITE CAT. EM-1 #EACXW12502LG EM-2 #EACXW12502LG LUMACELL CAT. EM-1 #LAC1W12502LD7 EM-2 #LAC1W12802LD7 STANPRO CAT. EM-1 #PRML123602S4LR EM-2 #PRML127202S4LR AIMLITE CAT. EM-1 #CARP1236U2MDWHT EM-2 #CARP1272U2MDWHT READY-LITE CAT. EM-1 #RAC1W12502LD7 EM-2 #RAC1W12802LD7	12V/120V	LED 4W MR16	SURFACE	LED EXTRUDED ALUMINUM PICTOGRAM FIXTURE C/W GREEN FACE AND WHITE LEGEND, UNIVERSAL MOUNTING TO SUIT WALL, END OR CEILING, MAXIMUM 63mm (2.5") THICKNESS AND 12V INTERNAL SEALED RECHARGEABLE BATTERY PROVIDING MINIMUM EMERGENCY WATTAGE 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.
EMERG. BATT.	BEGHELLI NV12 SERIES: EM-3 #NV12-36/2SR EM-4 #NV12-100/2SR EM-5 #NV12-200/2SR EM-6 #NV12-360/2SR EMERGLITE CAT. #12LSE SERIES LUMACELL CAT. #RGS SERIES STANPRO CAT. #SLA-12 SERIES AIMLITE CAT. #EBS12 SERIES READY-LITE CAT. #LD12X SERIES	12V/120V	N/A	SURFACE	LONG LIFE, SEALED BATTERY, C/W MICRO SIZE 12V 4W (MINIMUM) LED HEADS.

NOTES: ① LED LUMEN VALUES QUOTED FOR FIXTURES ARE TO BE CONSIDERED MINIMUM, AND AS ABSOLUTE OR DELIVERED LUMENS. LUMEN VALUES SHOULD NOT EXCEED MORE THAN 10% OF SPECIFIED OUTPUT. ② EQUAL MANUFACTURERS/SUPPLIERS MUST CONFIRM THE PROPOSED FIXTURE BY EMAIL WITH CONSULTANTS OFFICE A MINIMUM OF 10 DAYS PRIOR TO TENDER CLOSE.



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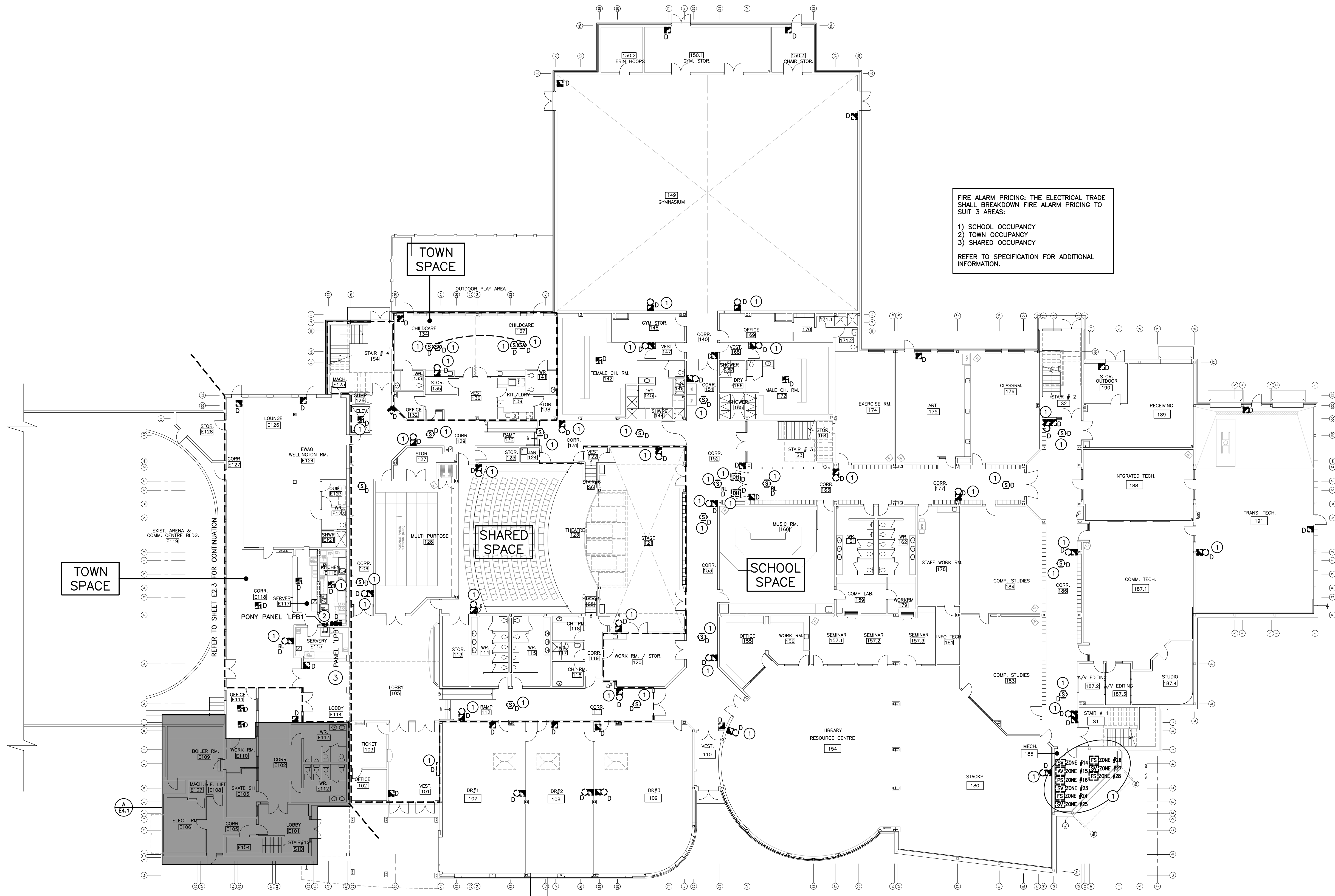


PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO

SHEET TITLE
DETAILS AND SCHEDULE

DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR BID/PERMIT		

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



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.

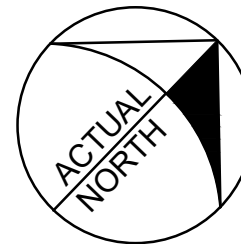
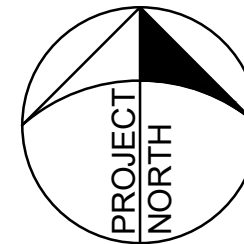
SPECIFIC DEMOLITION NOTES

- 1 INDICATED DEVICE IS TO BE DISCONNECTED AND REMOVED COMPLETELY. MAINTAIN WIRING FOR REWORK TO NEW DEVICE LOCATION AS SHOWN ON THE RENOVATION PLANS.
- 2 INDICATED PONY PANEL FEEDING OFF OF PANEL 'LPB' 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 PANEL IS TO BE RETROFIT. REFER TO RENOVATION PLANS FOR ADDITIONAL INFORMATION.

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.




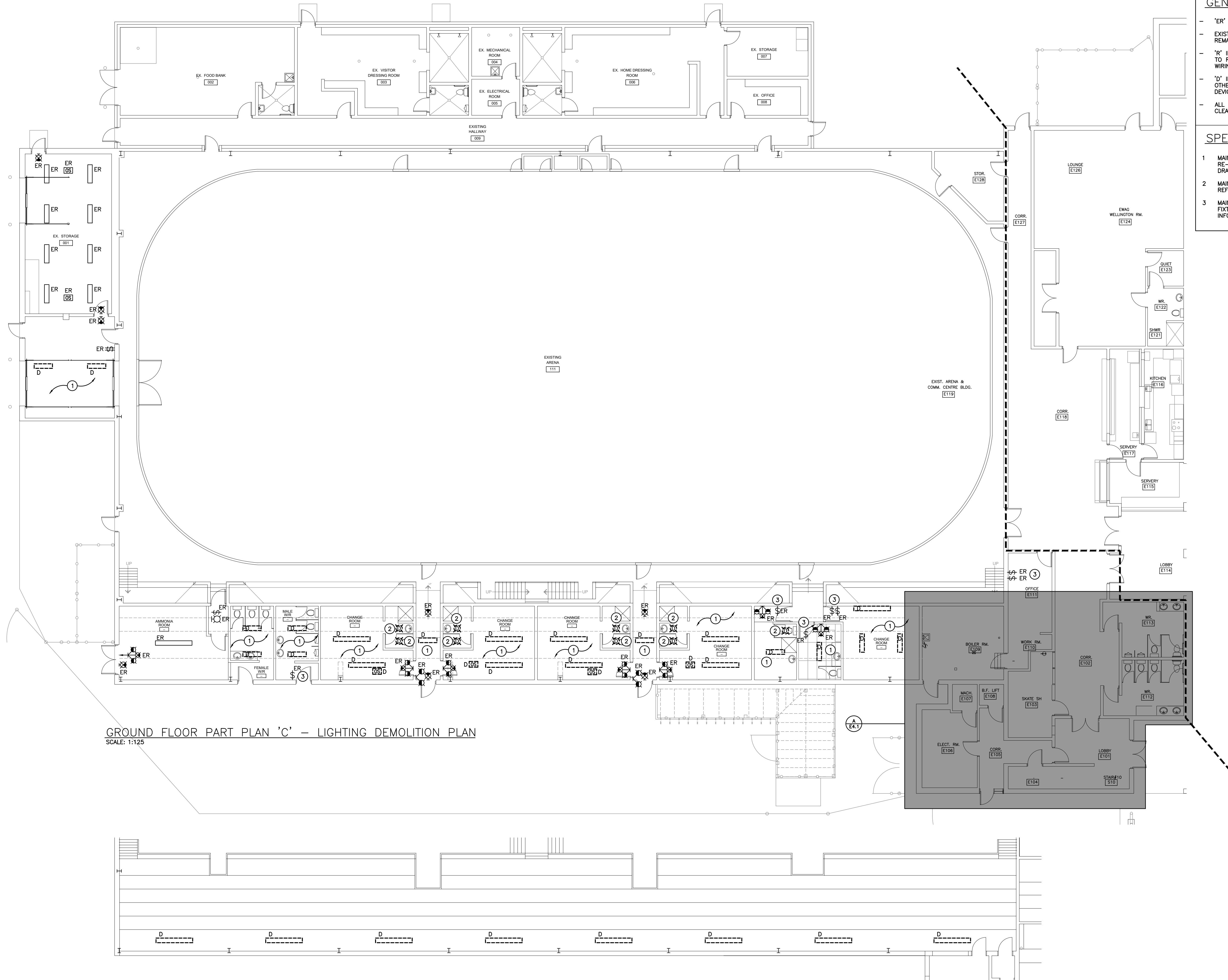
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PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO
SHEET TITLE
**GROUND FLOOR FIRE
ALARM DEMOLITION PLAN**

DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR BID/PERMIT		

	PROJ. NO.	21-159
	DATE	NOV 2022
	DRAWN BY	SD
	CHECKED	SD
	SCALE	AS NOTED
	DATE PLOTTED	3/21/2024
		DRAWING NO.
	E2.1	



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

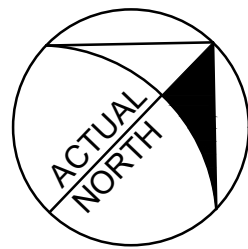
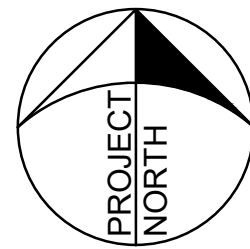
SECOND FLOOR PART PLAN 'D' - LIGHTING DEMOLITION PLAN
SCALE: 1:125

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.



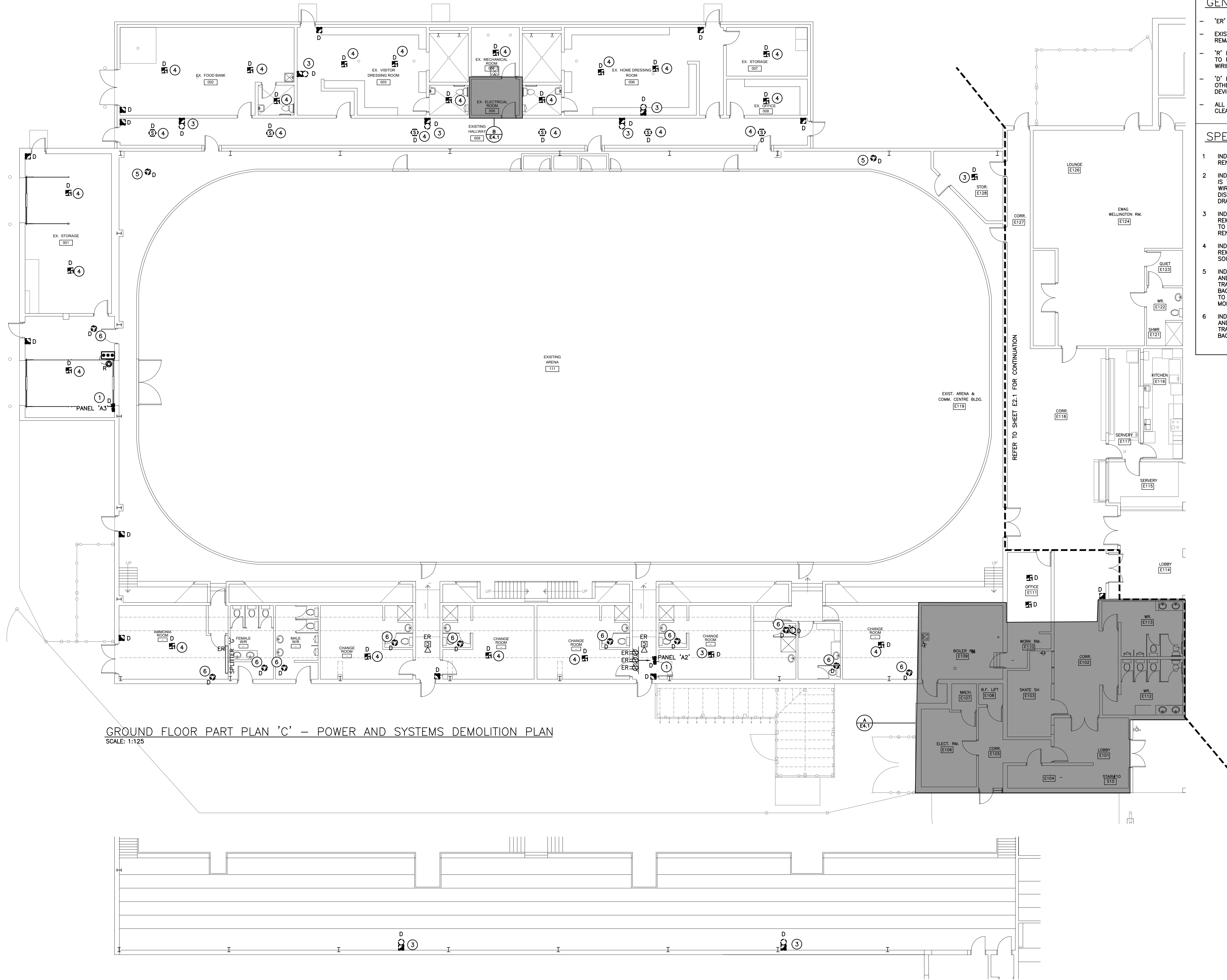
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PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO
SHEET TITLE
LIGHTING DEMOLITION PLAN

DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR BIO-PERMIT		

	PROJ. NO.	21-159
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	DATE PLOTTED	3/21/2024
	DRAWING NO.	E2.2



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

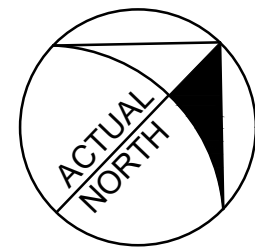
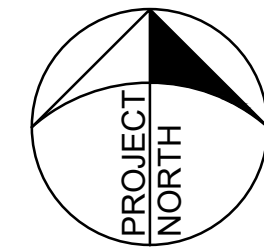
SECOND FLOOR PART PLAN 'D' - POWER AND SYSTEMS DEMOLITION PLAN
SCALE: 1:125

GENERAL DEMOLITION NOTES

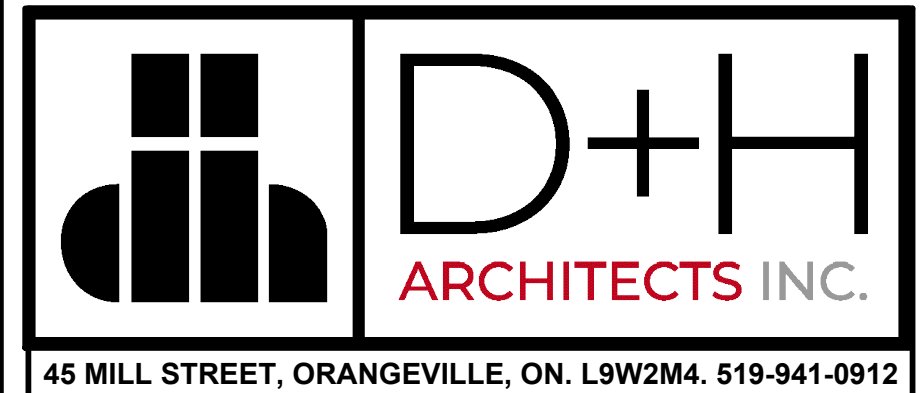
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- 'R' INDICATES EXISTING ITEM TO BE RELOCATED. REFER TO RENOVATION DRAWINGS AND RELOCATE DEVICE AND WIRING TO SUIT. UNLESS OTHERWISE NOTED.
- 'D' INDICATES EXISTING ITEM TO BE DELETED, UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING 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 'LPB' 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 COMPLETELY. MAINTAIN WIRING FOR REWORK TO NEW DEVICE LOCATION AS SHOWN ON THE RENOVATION PLANS.
- 4 INDICATED DEVICE IS TO BE DISCONNECTED AND REMOVED COMPLETELY. 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'.



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PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO
SHEET TITLE
**POWER AND SYSTEMS
DEMOLITION PLAN**

DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR BID/PERMIT		
Δ		Δ	

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

GENERAL DEMOLITION NOTES

- 'ER' DENOTES EXISTING ITEM TO REMAIN.
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- '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.

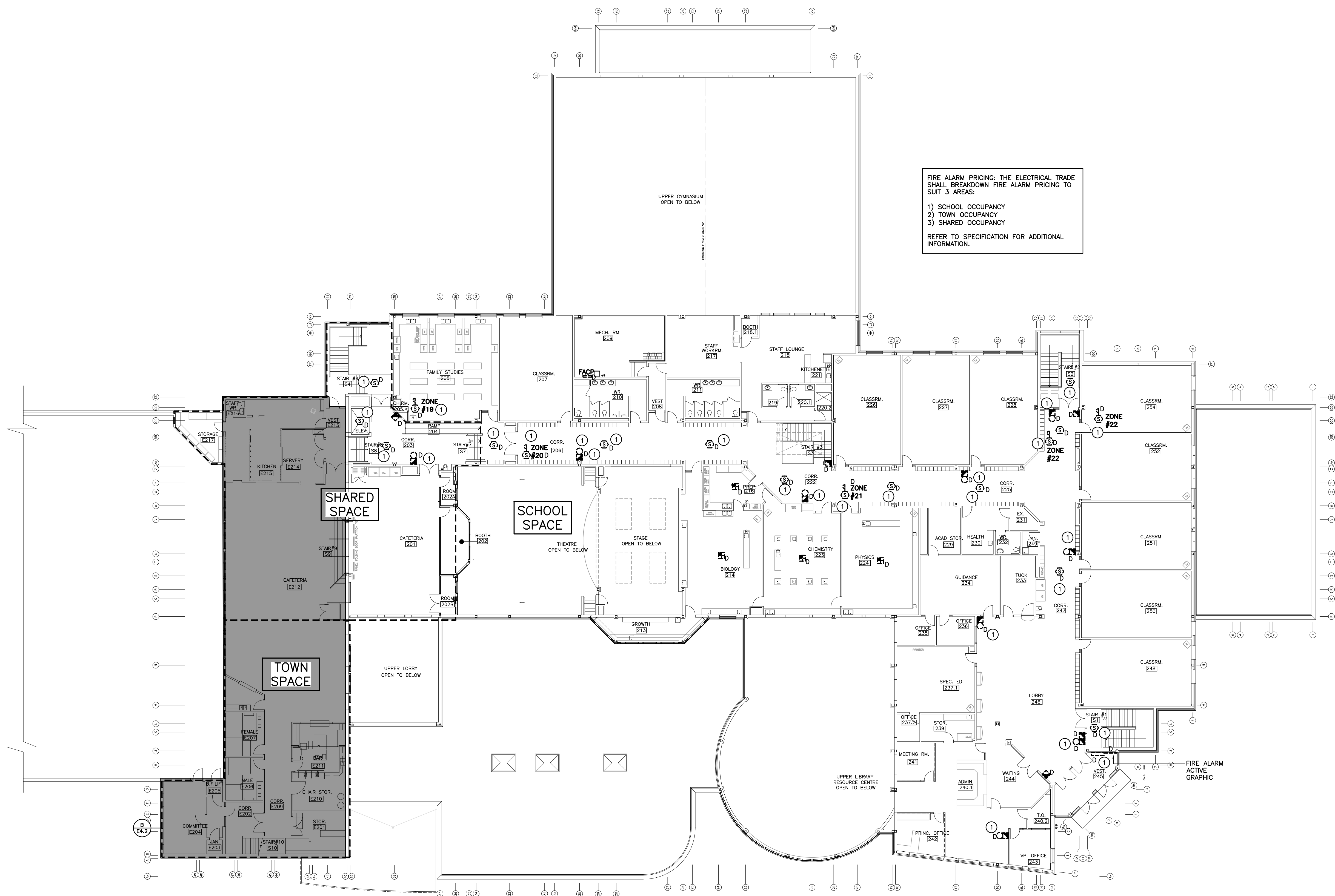
SPECIFIC DEMOLITION NOTES

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

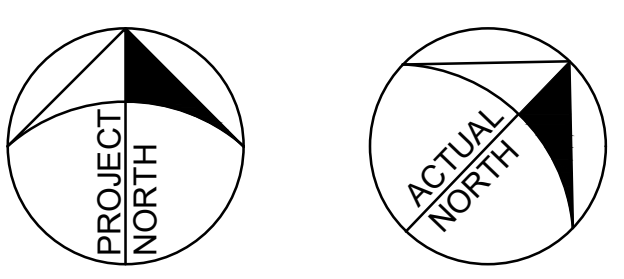
FIRE ALARM PRICING: THE ELECTRICAL TRADE SHALL BREAKDOWN FIRE ALARM PRICING TO SUIT 3 AREAS:

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.
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PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE ONTARIO

ERIN

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

DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR REQUIRMENT		

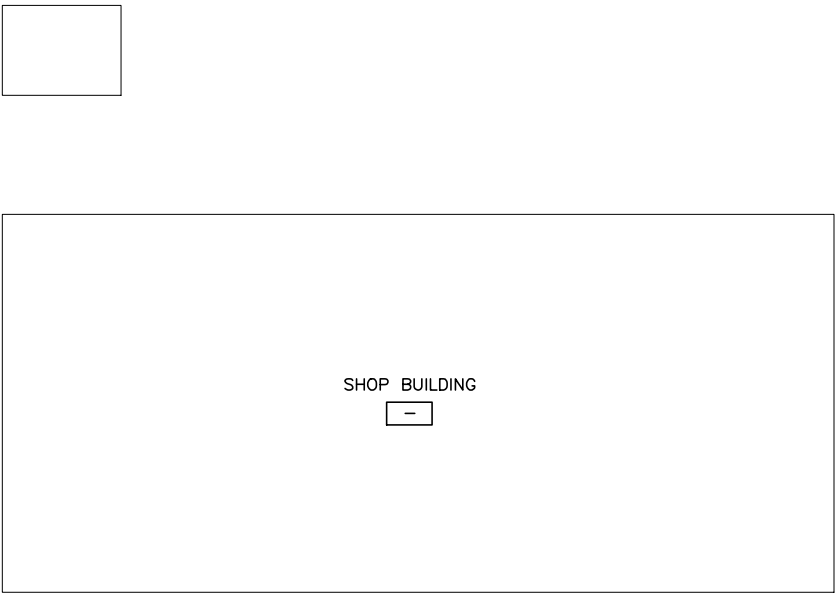
PROJ. NO. 21-159
DATE NOV 2022
DRAWN BY SD
CHECKED SD
SCALE AS NOTED
DATE PLOTTED 3/21/2024
DRAWING NO. E2.4

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).
- 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 'LPB':
120/208V 3P 4W, 225A MAINS, 60 CIRCUIT, SURFACE, 10KAC BRACED.
BREAKER LISTING:
30x 15A-1P
4x 20A-1P
1x 40A-2P
1x 20A-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 SUPERVISED.
- 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 NFPA96 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 HARDWARE.



TOWN SPACE

TOWN SPACE

SHARED SPACE

SCHOOL SPACE

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



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CONSULTANT



55 Northland Road,
Waterloo, ON, N2V 1Y8
Phone: 519-725-8555
Website: deiassociates.ca
Project Number: 22481

PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO

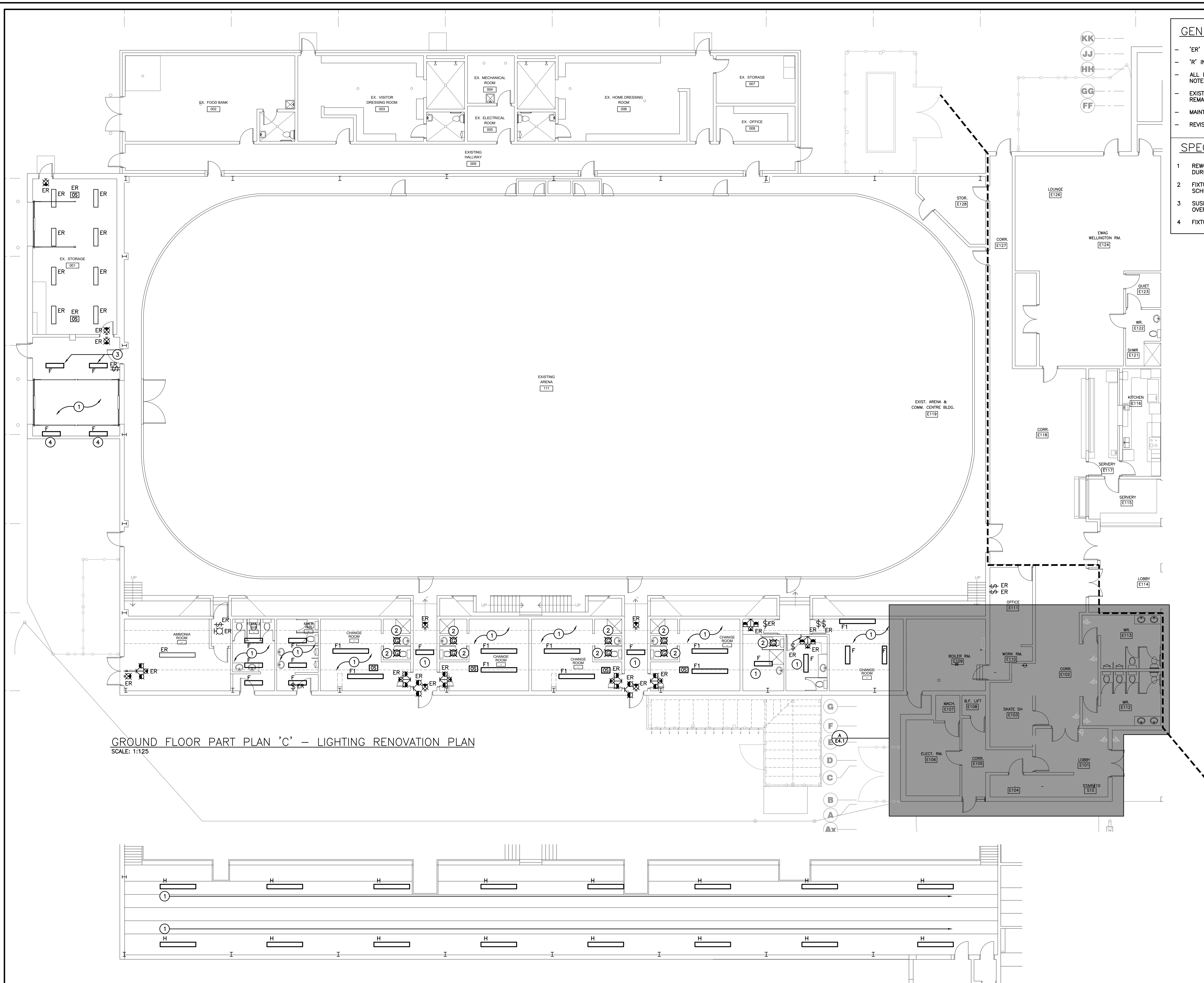
SHEET TITLE
**GROUND FLOOR FIRE
ALARM RENOVATION PLAN**

DATE	REVISION	DATE	REVISION
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PROJ. NO.	21-159
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GROUND FLOOR PART PLAN 'C' – LIGHTING RENOVATION PLAN
SCALE: 1:125

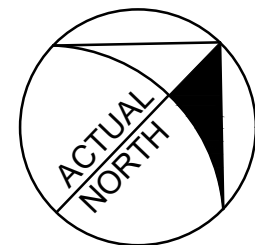
SECOND FLOOR PART PLAN 'D' – LIGHTING RENOVATION PLAN
SCALE: 1:125

GENERAL RENOVATION NOTES

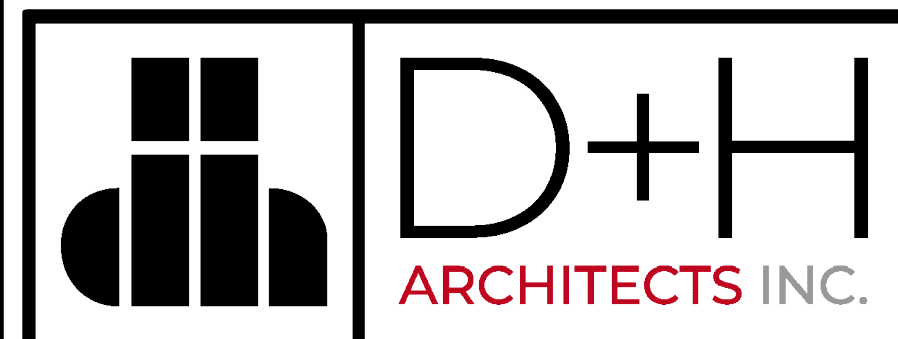
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- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

SPECIFIC RENOVATION NOTES

- 1 REWORK EXISTING LIGHTING CIRCUIT MADE AVAILABLE DURING DEMOLITION TO SUIT NEW FIXTURES.
- 2 FIXTURE 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.



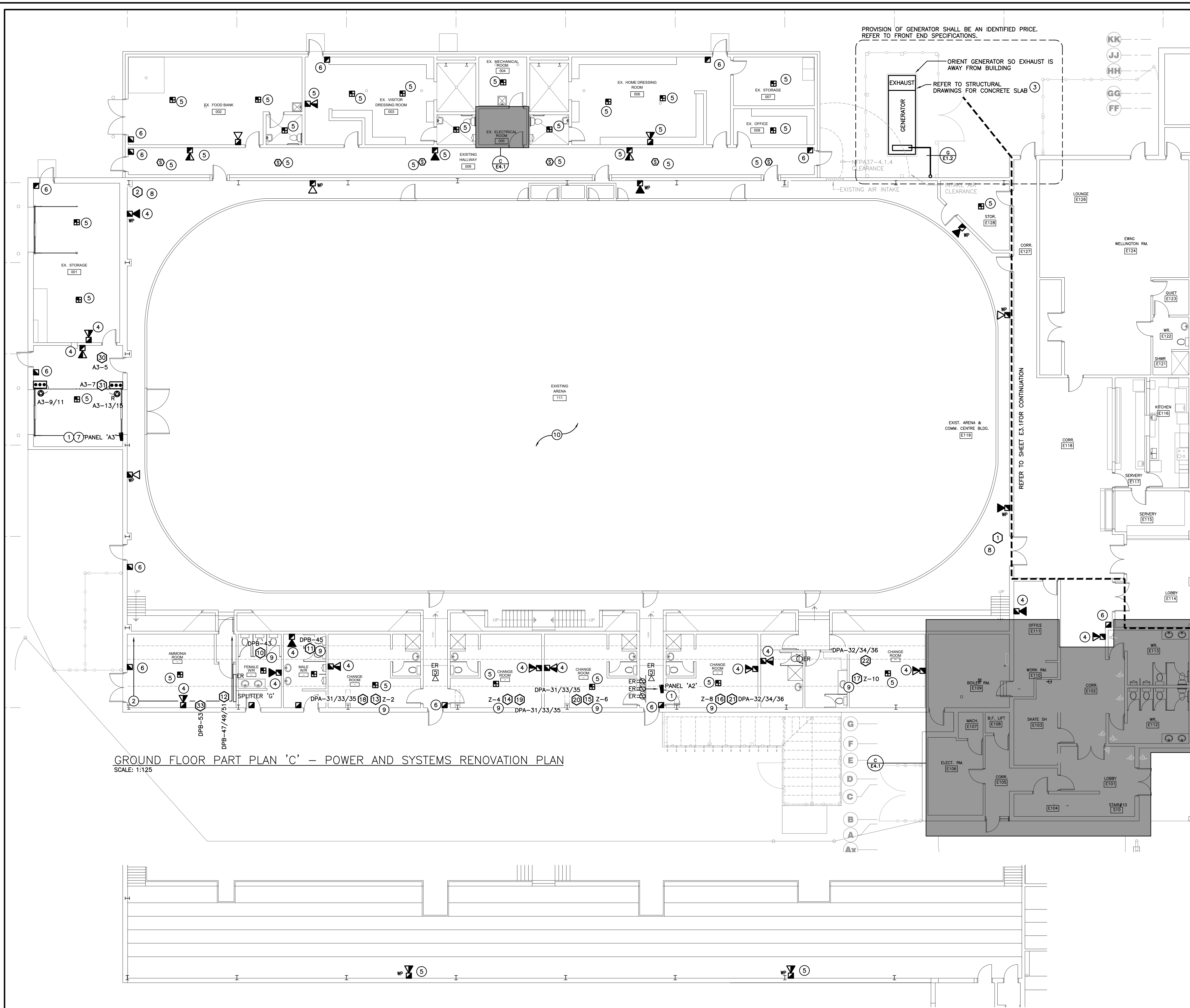
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ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO
SHEET TITLE
LIGHTING RENOVATION PLAN

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	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

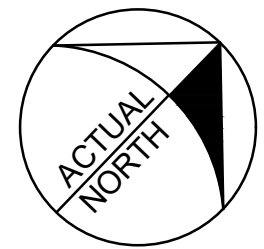
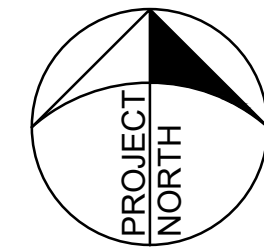
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- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

SPECIFIC RENOVATION NOTES

- EXISTING PANEL IS TO BE RETROFIT OR REPLACED WITH NEW.
PANEL 'A2':
120/208V 1P 3W, 125A MAINS, 24 CIRCUIT, SURFACE, 10KAIC BRACED.
BREAKER LISTING:
9x 15A-1P
2x 20A-1P
1x 50A-2P
1x 100A-2P
PANEL 'A3':
120/208V 1P 3W, 100A MAINS, 24 CIRCUIT, SURFACE, 10KAIC BRACED.
BREAKER LISTING:
3x 15A-1P
2x 20A-1P
2x 15A-2P
- CONTRACTOR IS TO REMOVE AND RE-INSTALL ELECTRICAL DEVICES AND ELECTRICAL FEEDS FOR STRUCTURAL REWORK 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.
- GENERATOR BASIS OF DESIGN IS GENERAC. 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.
- FEED INDICATED DEVICE USING SURFACE METAL RACEWAY EQUAL TO WIREMOLD SERIES 500.
- INDICATED DEVICE IS TO BE RE-FED AND RE-WIRED FROM EXISTING BACKBOX AND CIRCUIT MADE SPARE DURING DEMOLITION.
- 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..
- WITHIN LOCAL PANEL 'A3', PROVIDE THE FOLLOWING BREAKERS:
THE BELOW LISTED BREAKERS ARE ACCOUNTED FOR WITHIN NOTE #1.

CGT	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
A3-13/15	15A-2P	OVERHEAD DOOR
- INDICATED DEVICE IS FED FROM SPLITTER #1. REFER TO DISTRIBUTION RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- CONNECT INDICATED MECHANICAL EQUIPMENT TO LOCAL LIGHTING CONTROLS.
- FEED DEVICES WITHIN RINK WITH RIGID PVC CONDUIT.



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14 BOLAND DRIVE
ERIN ONTARIO
SHEET TITLE
**POWER AND SYSTEMS
RENOVATION PLAN**

DATE	REVISION	DATE	REVISION
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	DRAWING NO.	E3.3

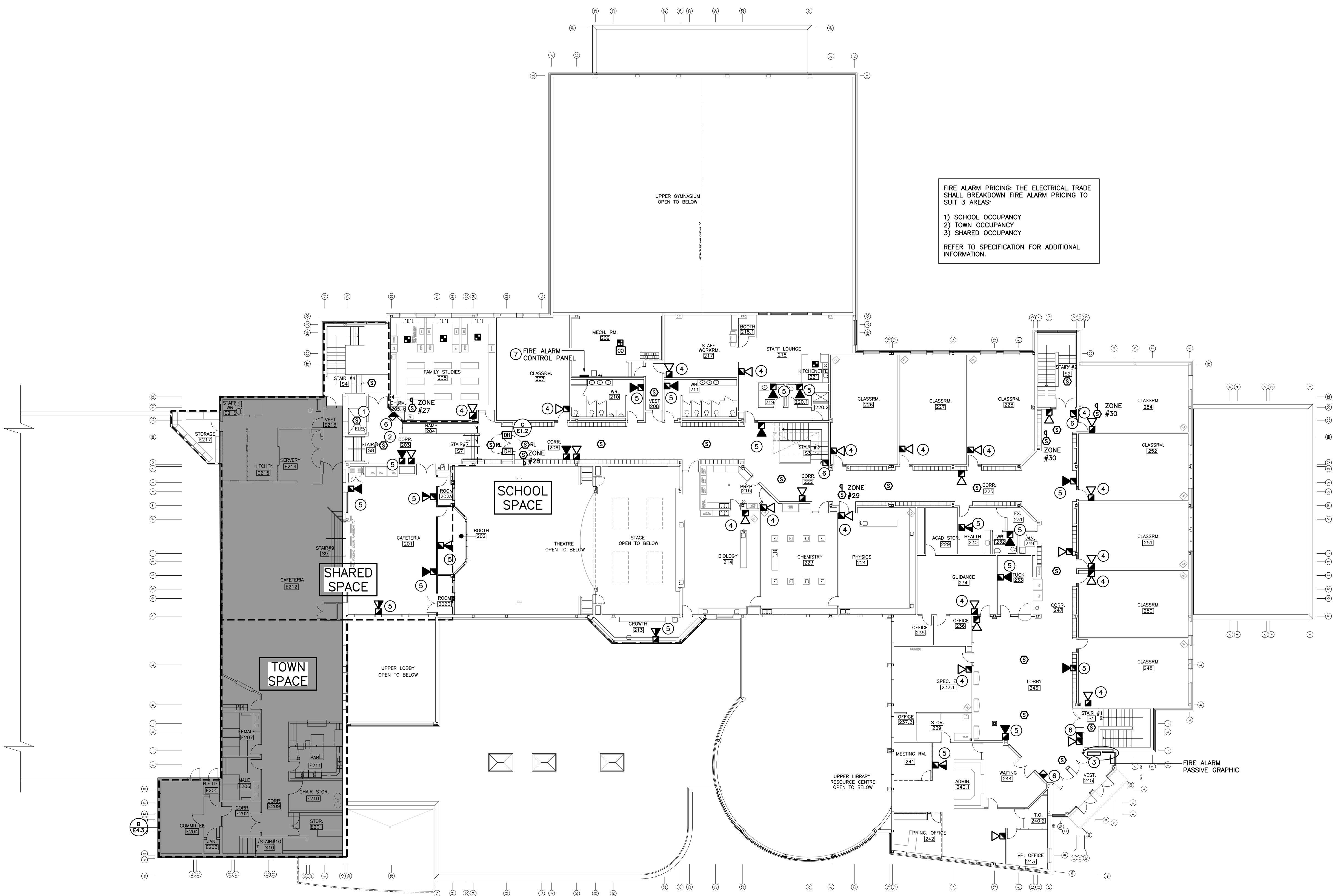
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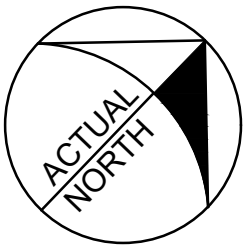
SPECIFIC RENOVATION NOTES

- 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.

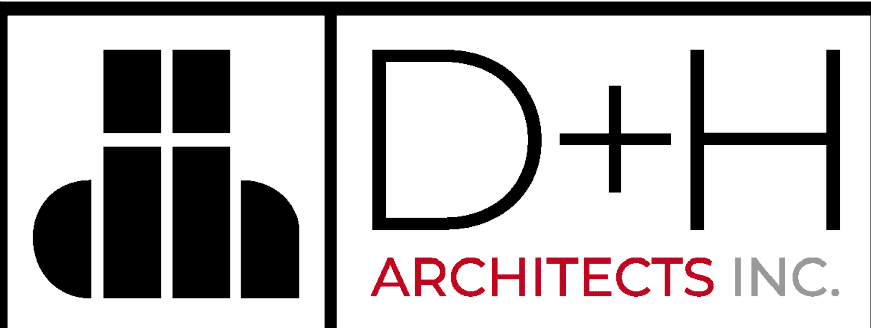
FIRE ALARM PRICING: THE ELECTRICAL TRADE SHALL BREAKDOWN FIRE ALARM PRICING TO SUIT 3 AREAS:
1) SCHOOL OCCUPANCY
2) TOWN OCCUPANCY
3) SHARED OCCUPANCY
REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.



SECOND FLOOR PLAN – RENOVATION
SCALE: 1:200



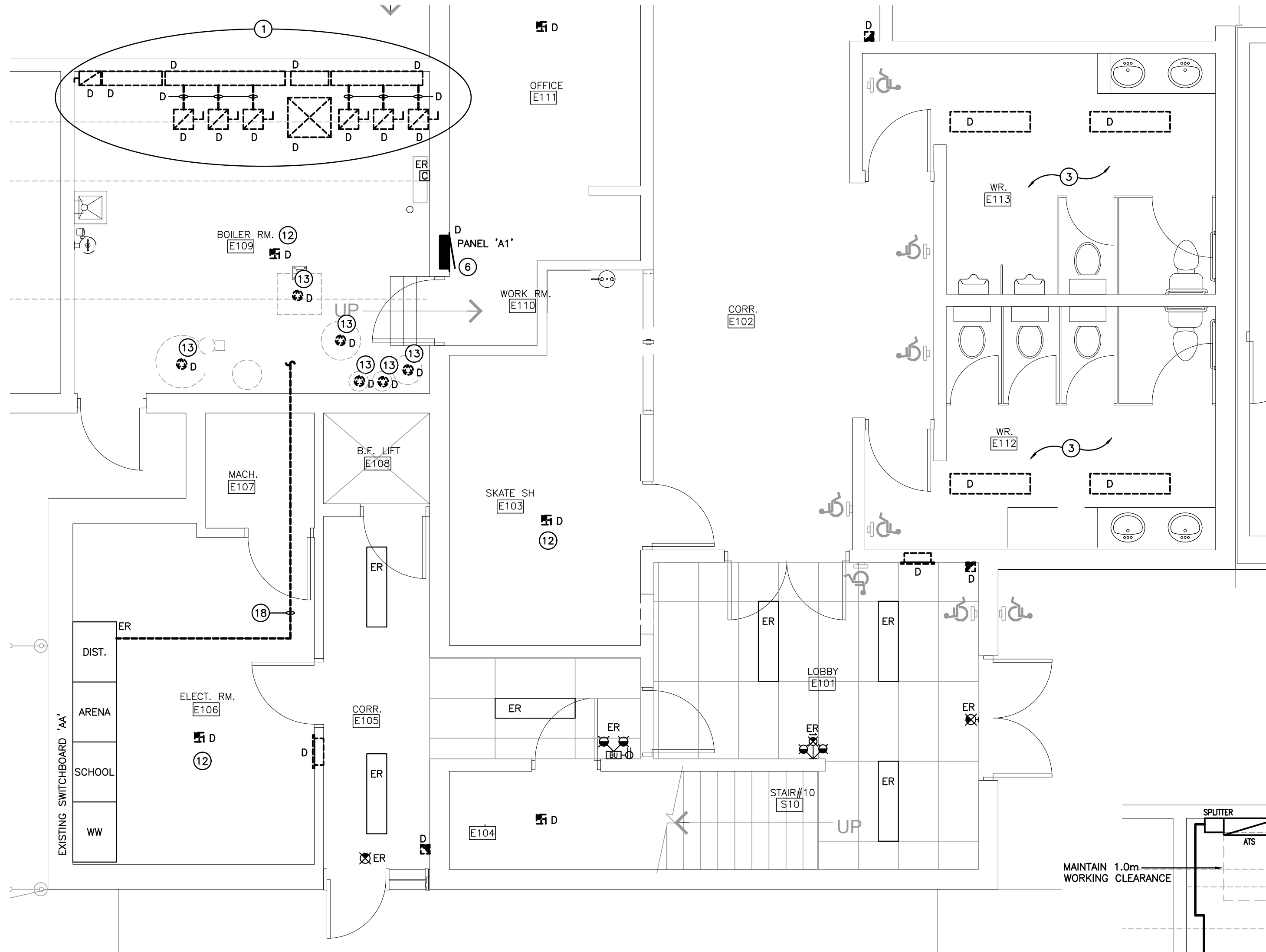
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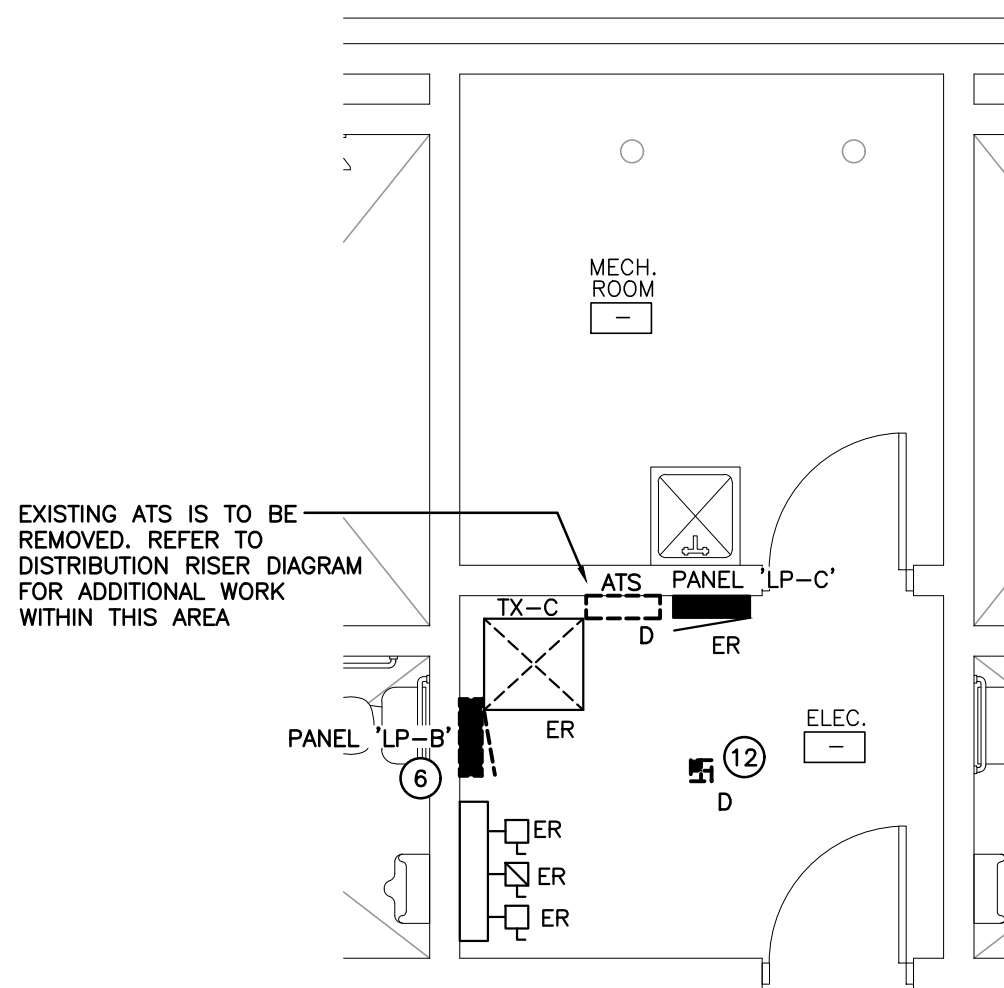
PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO
SHEET TITLE
SECOND FLOOR FIRE ALARM RENOVATION PLAN

DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR BID/PERMIT		

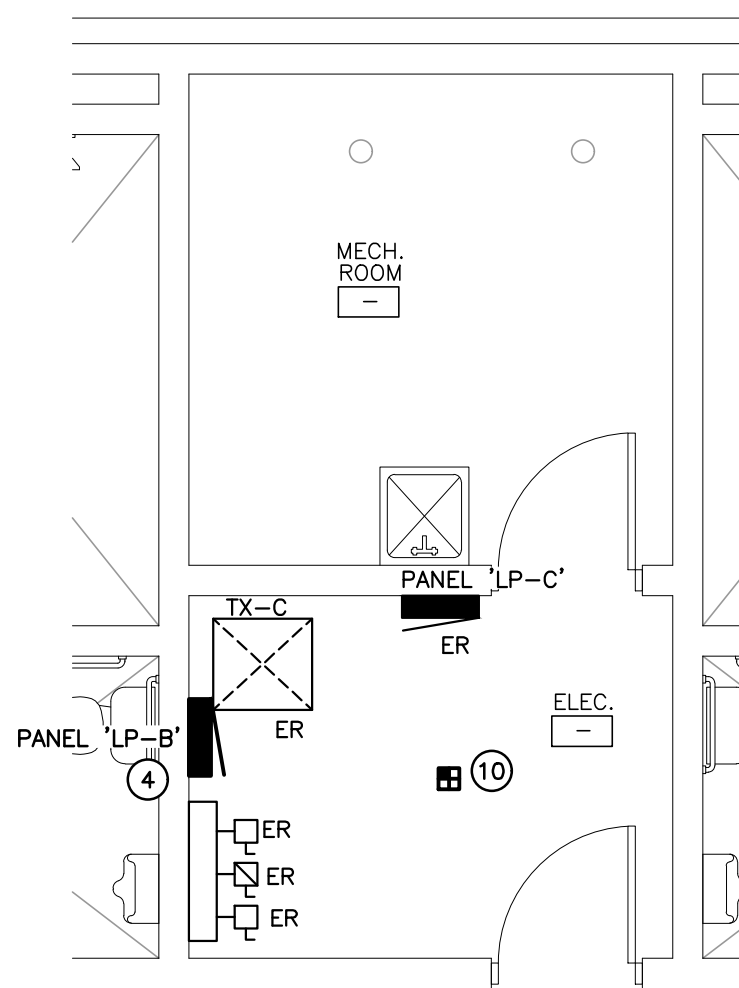
	PROJ. NO.	21-159
	DATE	NOV 2022
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	CHECKED	SD
	SCALE	AS NOTED
	DATE PLOTTED	3/21/2024
	DRAWING NO.	E3.4



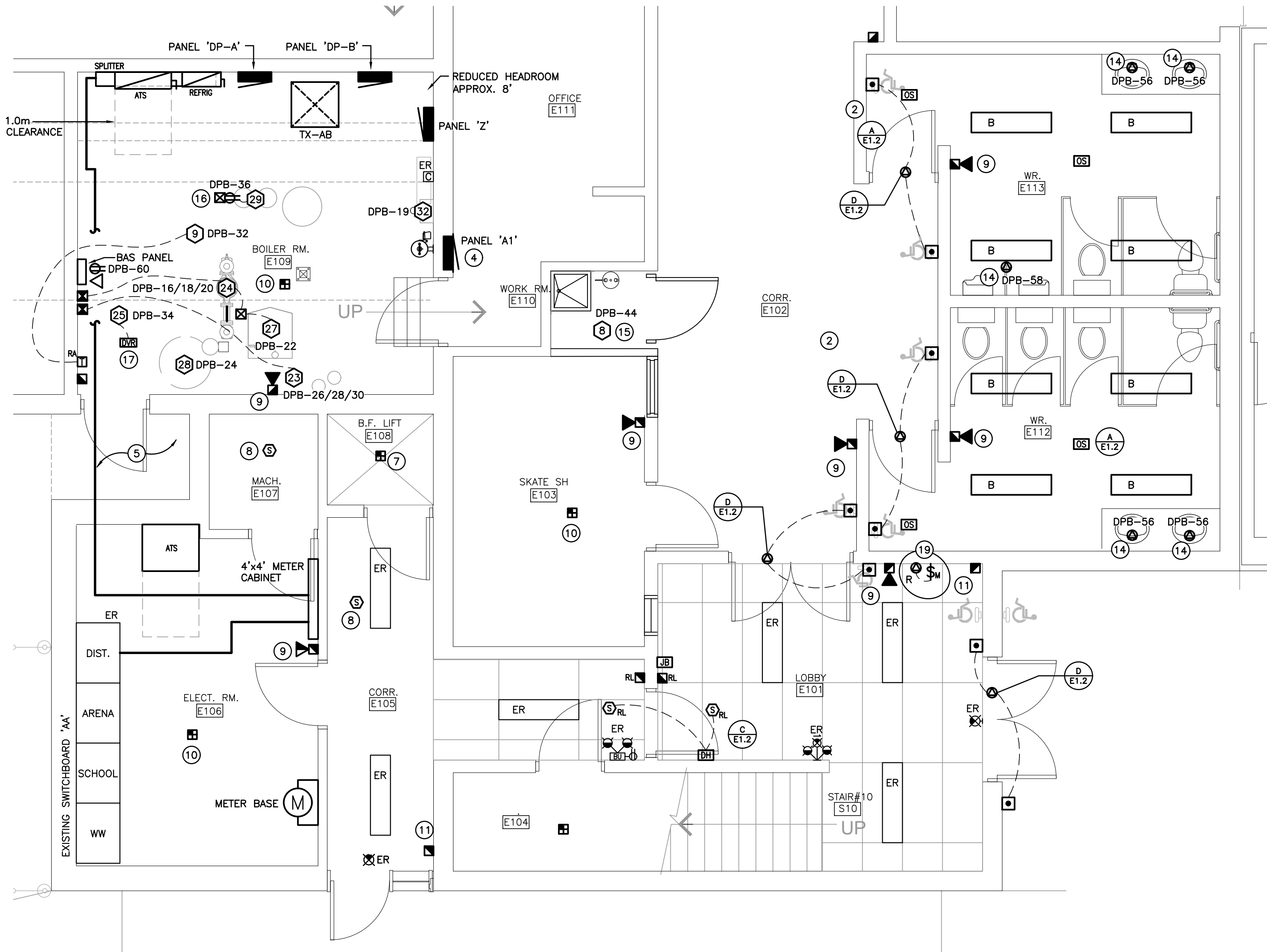
A-ENLARGED GROUND FLOOR - DEMOLITION PLAN
SCALE: 1:50



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

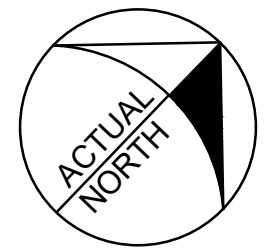
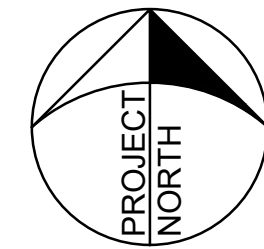
GENERAL NOTES

- '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 NOTES

- FOLLOWING DEVICES IS TO BE DEMOLISHED. REFER TO DISTRIBUTION RISER DIAGRAM FOR FURTHER INFORMATION.
- INDICATES DIGITAL ROOM CONTROLLER OF WASHROOM INSTALLED WITHIN ACCESSIBLE CEILING SPACE FOR CONTROL OF NOTED OCCUPANCY SENSOR(S).
- REWORK EXISTING LIGHTING CIRCUIT MADE AVAILABLE DURING DEMOLITION TO SUIT NEW FIXTURES, AND LOCATIONS.
- EXISTING PANEL IS TO BE RETROFIT OR REPLACED WITH NEW.
PANEL 'A1':
120/208V 3P 4W, 200A MAINS, 42 CIRCUIT, RECESSED, 10KAIC BRACED.
BREAKER LISTING:
36x 15A-1P
1x 20A-3P
1x 15A-2P
1x 30A-1P
PANEL '1PB':
120/208V 3P 4W, 225A MAINS, 60 CIRCUIT, SURFACE, 10KAIC BRACED.
BREAKER LISTING:
30x 15A-1P
4x 20A-1P
1x 40A-2P
1x 20A-2P
3x 15A-3P
1x 50A-3P
- COORDINATE WITH GENERAL TRADE TO REMOVE EXISTING CANOPY SOFFIT TO ALLOW REMOVALS AND RE-INSTALLATION OF NEW ELECTRICAL SERVICES.

- INDICATED PANEL IS TO BE RETROFIT. REFER TO RENOVATION PLANS FOR ADDITIONAL INFORMATION.
- DEVICES WITHIN THIS AREA ARE TO BE MOUNTED WITHIN ELEVATOR PIT. COORDINATE WITH ELEVATOR SHOP DRAWINGS PRIOR TO ROUGH-IN.
- RELAY IN CONTROL PANEL IS TO CLOSE AND SEND SIGNAL TO ELEVATOR CONTROLLER.
- FEED INDICATED DEVICE USING SURFACE METAL RACEWAY EQUAL TO WIREMOLD SERIES 500.
- INDICATED DEVICE IS TO BE RE-FED FROM EXISTING BACKBOX MADE SPARE DURING DEMOLITION WITH NEW WIRE AND CIRCUIT.
- 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..
- INDICATED DEVICE IS TO BE DISCONNECTED AND REMOVED COMPLETELY. REMOVE WIRING BACK TO SOURCE.
- INDICATES MECHANICAL EQUIPMENT BEING REPLACED WITH NEW BY MECHANICAL TRADE. THIS CONTRACTOR IS TO DISCONNECT EXISTING FEEDER BACK TO SOURCE. LABEL BREAKER AS SPARE.
- PROVIDE CONNECTION TO PLUMBING FIXTURE. COORDINATE WITH MECHANICAL TRADE.
- CONNECT INDICATED MECHANICAL EQUIPMENT TO LOCAL LIGHTING CONTROLS.
- INDICATES UNISTRUT UPSTAND FOR MOUNTING OF RECEPTACLE TO FEED NOTED EQUIPMENT. REFER TO DETAIL A/E1.1.
- INDICATES DUAL VOLTAGE RELAY FOR CONTROL OF NOTED MECHANICAL EQUIPMENT. INSTALL DUAL VOLTAGE RELAY WITHIN ACCESSIBLE CEILING AREA. COORDINATE ON SITE.
- INDICATED FEED FEEDING 600V SPLITTER IN ON NORTH SIDE OF ICE RINK. FEEDER IS TO BE REWORKED 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.
- 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.
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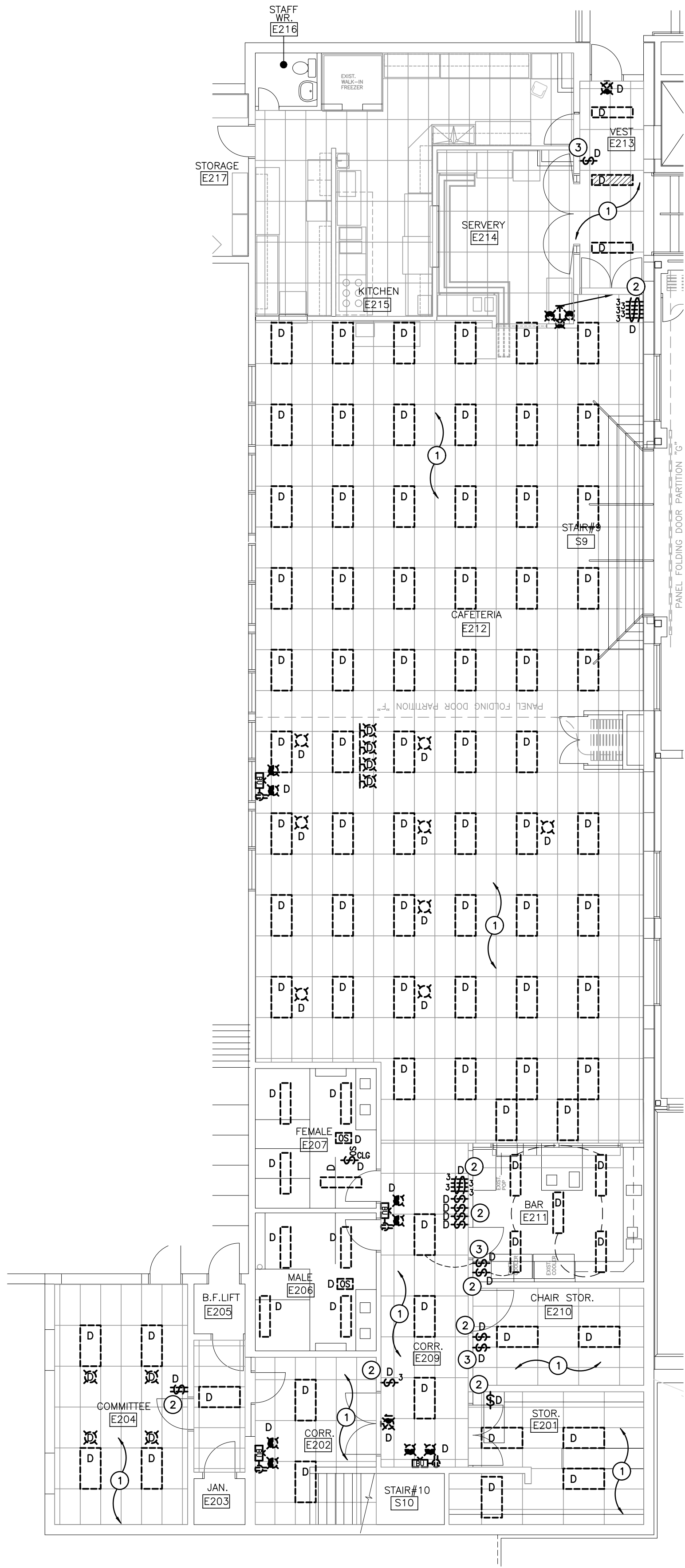
CONSULTANT
DEI Consulting Engineers
MECHANICAL | ELECTRICAL | AQUATIC
55 Northland Road,
Waterloo, ON N2V 1Y8
Phone: 519-732-3555
Website: deiassociates.ca
Project Number: 22181

PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO
SHEET TITLE **PART PLAN 'A' AND ADDITION ELECTRICAL ROOM PLANS**

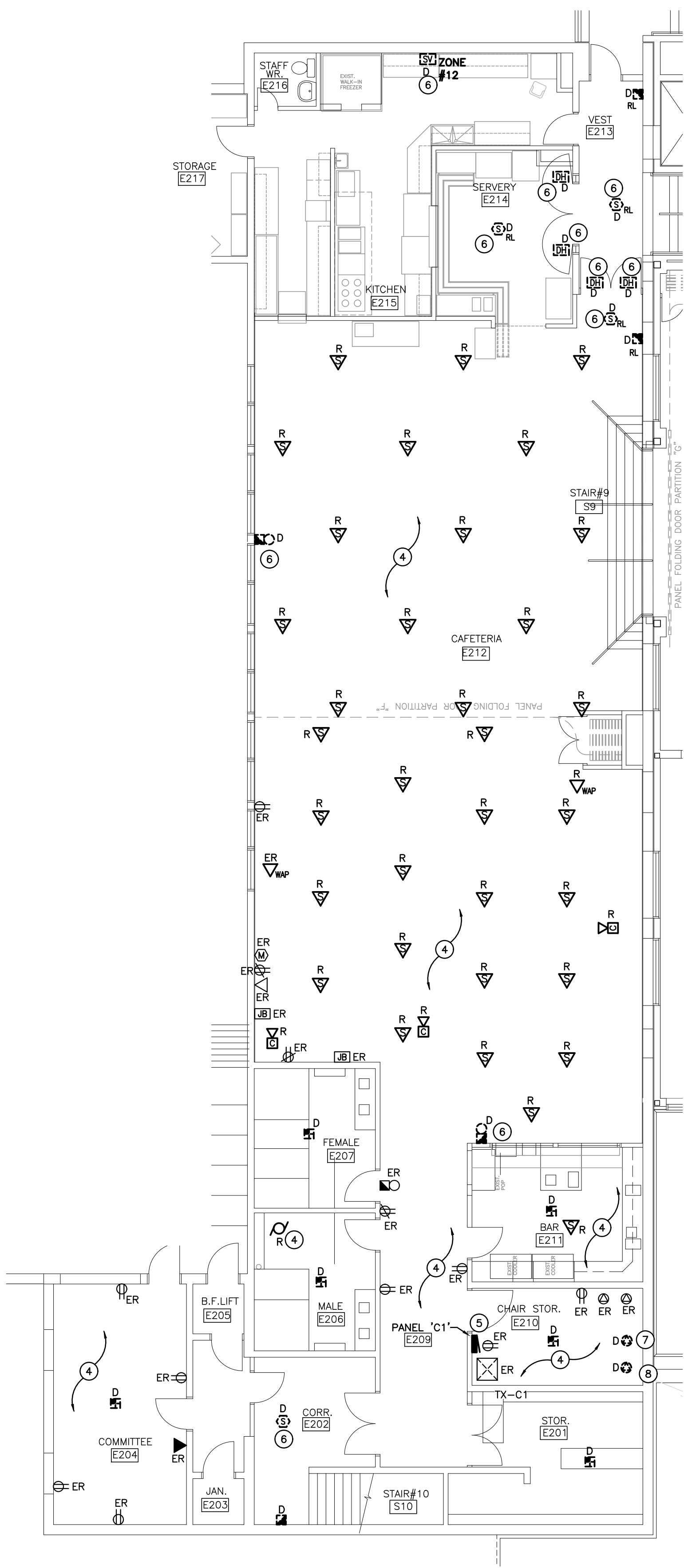
DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR BIOPERMIT		

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

PROJ. NO. 21-159
DATE NOV 2022
DRAWN BY SD
CHECKED SD
SCALE AS NOTED
DATE PLOTTED 3/21/2024
DRAWING NO. **E4.1**



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



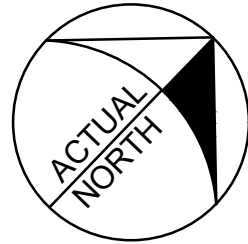
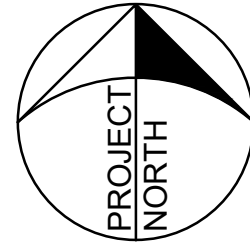
B-ENLARGED SECOND FLOOR - POWER AND SYSTEMS - DEMOLITION PLAN
SCALE: 1:100

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 REWORK 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.




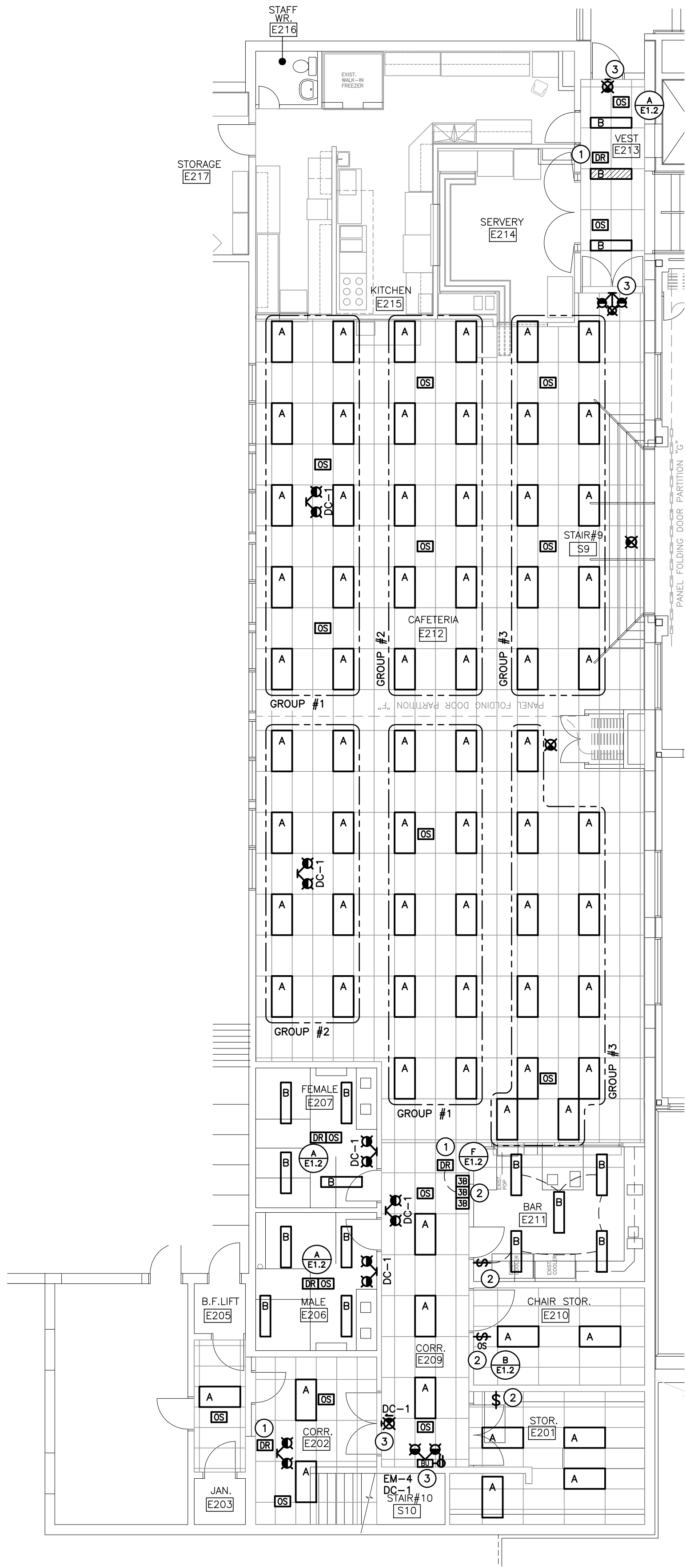
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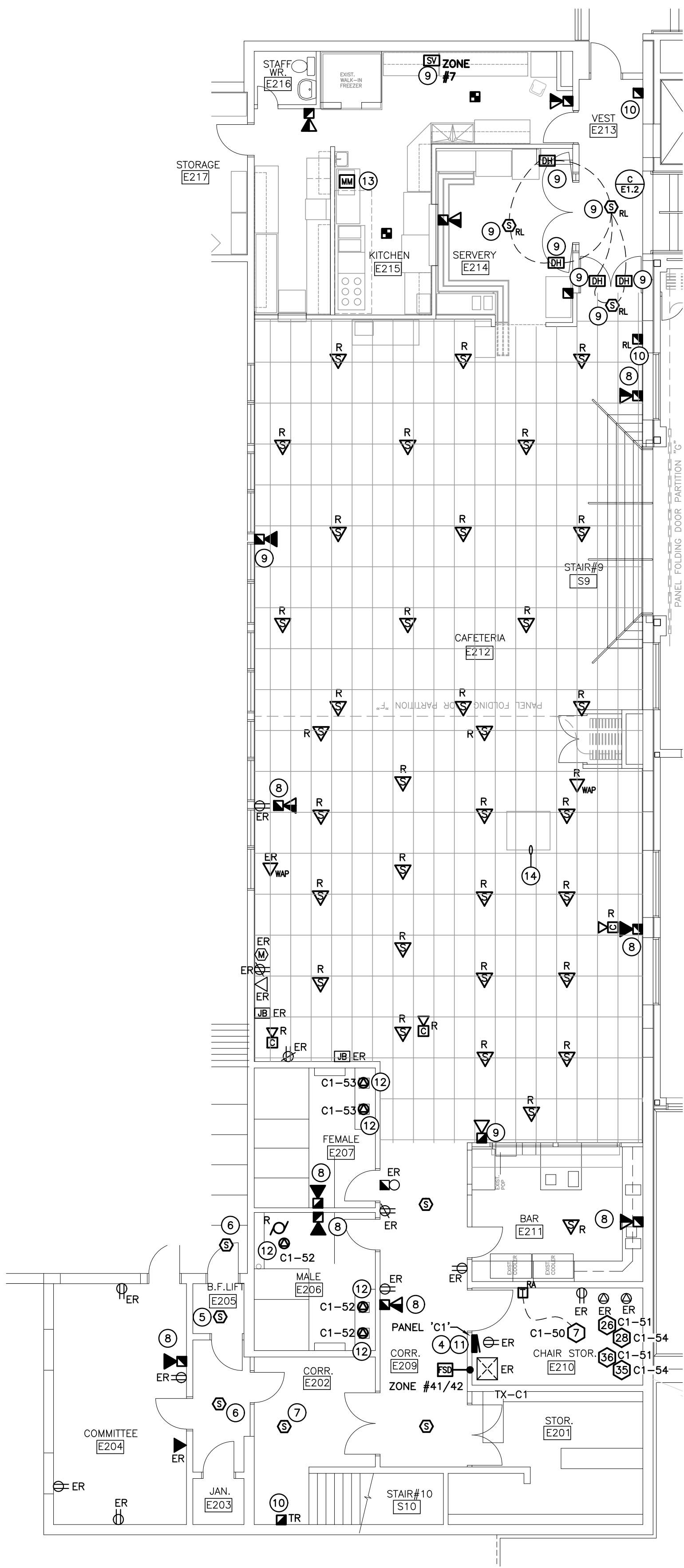
PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO
SHEET TITLE
**SECOND FLOOR PART PLAN
'B' - DEMOLITION PLAN**

DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR BID/PERMIT		

	PROJ. NO.	21-159
	DATE	NOV 2022
	DRAWN BY	SD
	CHECKED	SD
	SCALE	AS NOTED
	DATE PLOTTED	3/21/2024
DRAWING NO.		E4.2



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

- INDICATES DIGITAL ROOM CONTROLLER INSTALLED WITHIN ACCESSIBLE CEILING SPACE FOR CONTROL OF NOTED OCCUPANCY SENSOR(S).
- MOUNT NEW SWITCHES IN EXISTING BACKBOX MADE AVAILABLE DURING DEMOLITION. PROVIDE NEW STAINLESS STEEL COVERPLATE TO SUIT NEW DEVICES.
- EXTEND LINE SIDE OF LOCAL LIGHTING CIRCUIT TO SUIT INDICATED DEVICE.
- EXISTING PANEL IS TO BE RETROFIT OR REPLACED WITH NEW.
PANEL 'C1':
120/208V 3P 4W, 225A MAINS, 60 CIRCUIT, SURFACE, 10KAIC BRACED.
BREAKER LISTING:
40x 15A-1P
1x 50A-3P
2x 15A-2P
1x 60A-2P
1x 20A-2P
1x 20A-1P
- 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.
- THROUGH PROGRAMMING WHEN INDICATED DETECTOR IS IN ALARM. ASSOCIATED RELAY IN CONTROL PANEL IS TO CLOSE AND SEND SIGNAL TO ELEVATOR CONTROLLER.
- INDICATED DEVICES TO BE MOUNTED AT TOP OF STAIR SHAFT.
- FEED INDICATED DEVICE USING SURFACE METAL RACEWAY EQUAL TO WIREMOLD SERIES 500.
- INDICATED DEVICE IS TO BE RE-FED AND RE-WIRED FROM EXISTING BACKBOX AND CIRCUIT MADE SPARE DURING DEMOLITION.
- 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..
- 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	EF-21 CEILING FAN
XX-51	15A-1P	C-2 DHW CIRC. PUMP
XX-52	*15A-1P	2ND FL. MALE W/R FAUCET/URINAL
XX-53	*15A-1P	2ND FL. FEMALE W/R FAUCET
XX-54	15A-1P	15A-1P & HWY-2 SECOND FL.
XX-56	20A-1P	ROOFTOP T-SLOT REC.

* INDICATES 33MA GROUND FAULT STYLE BREAKER

- PROVIDE CONNECTION TO PLUMBING FIXTURE. COORDINATE WITH MECHANICAL TRADE.
- PROVIDE MONITORING MODULE AND RECONNECT FIRE ALARM TO EXISTING NFPA SUPPRESSION SYSTEM. PROVIDE INTEGRATED LIFE SAFETY SYSTEMS IN ACCORDANCE WITH SPECIFICATIONS.
- THIS CONTRACTOR SHALL REMOVE AND RE-INSTALL ELECTRICAL SERVICES TO SUIT NEW ROOFTOP UNIT STRUCTURAL REINFORCEMENT AND DUCTWORK. REFER TO STRUCTURAL AND MECHANICAL DRAWINGS FOR EXTENTS OF WORK. INDICATES APPROXIMATE OUTLINE OF ROOFTOP UNIT ABOVE.

PANEL 'Z'

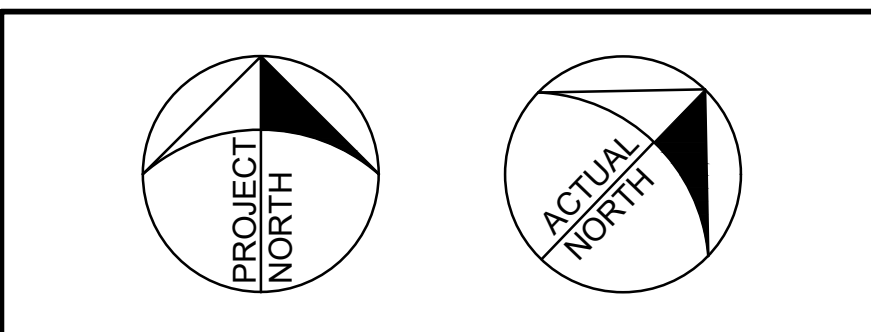
VOLTAGE: 120/208 VOLTS
PHASE: 3P, 4W
MAINS: 100A
NEUTRAL BUS: FULL
MOUNTING: SURFACE
NOTES: C/W SPRINKLER HOOD

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

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.



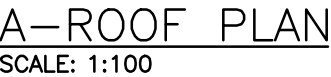
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PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ONTARIO
SHEET TITLE:
**SECOND FLOOR PART PLAN 'B'
- RENOVATION PLAN**

DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR BID/PERMIT		

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

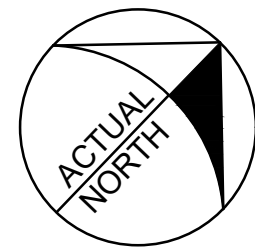
INDICATES MECHANICAL EQUIPMENT BEING REPLACED WITH NEW BY MECHANICAL TRADE. THIS CONTRACTOR IS TO DISCONNECT FEED BACK TO SOURCE, LABEL BREAKER AS SPARE

CONNECT INDICATED MECHANICAL EQUIPMENT TO LOCAL LIGHTING CONTROLS WITHIN 1ST FLOOR WASHROOM.

CONNECT INDICATED MECHANICAL EQUIPMENT TO LOCAL LIGHTING CONTROLS WITHIN 2ND FLOOR WASHROOM.

SHALL APPROXIMATE LOCATION OF CAPPED TECKO CONDUCTOR. THIS CONTRACTOR SHALL REMOVE EXISTING WIRING BACK TO LOCAL DISTRIBUTION BOX WITHIN BUILDING. REFER TO ARCHITECTURAL DRAWINGS FOR ROOFING REPAIR.

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.



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 commencing work.

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Waterloo, ON, N2V 1Y8
Phone: 519-725-3555
Website: deiassociates.ca
Project Number: 22581

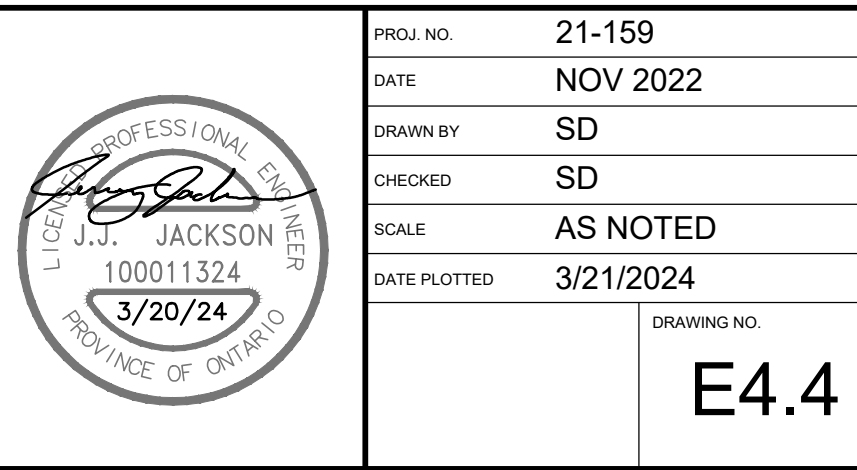
Consulting Engineers

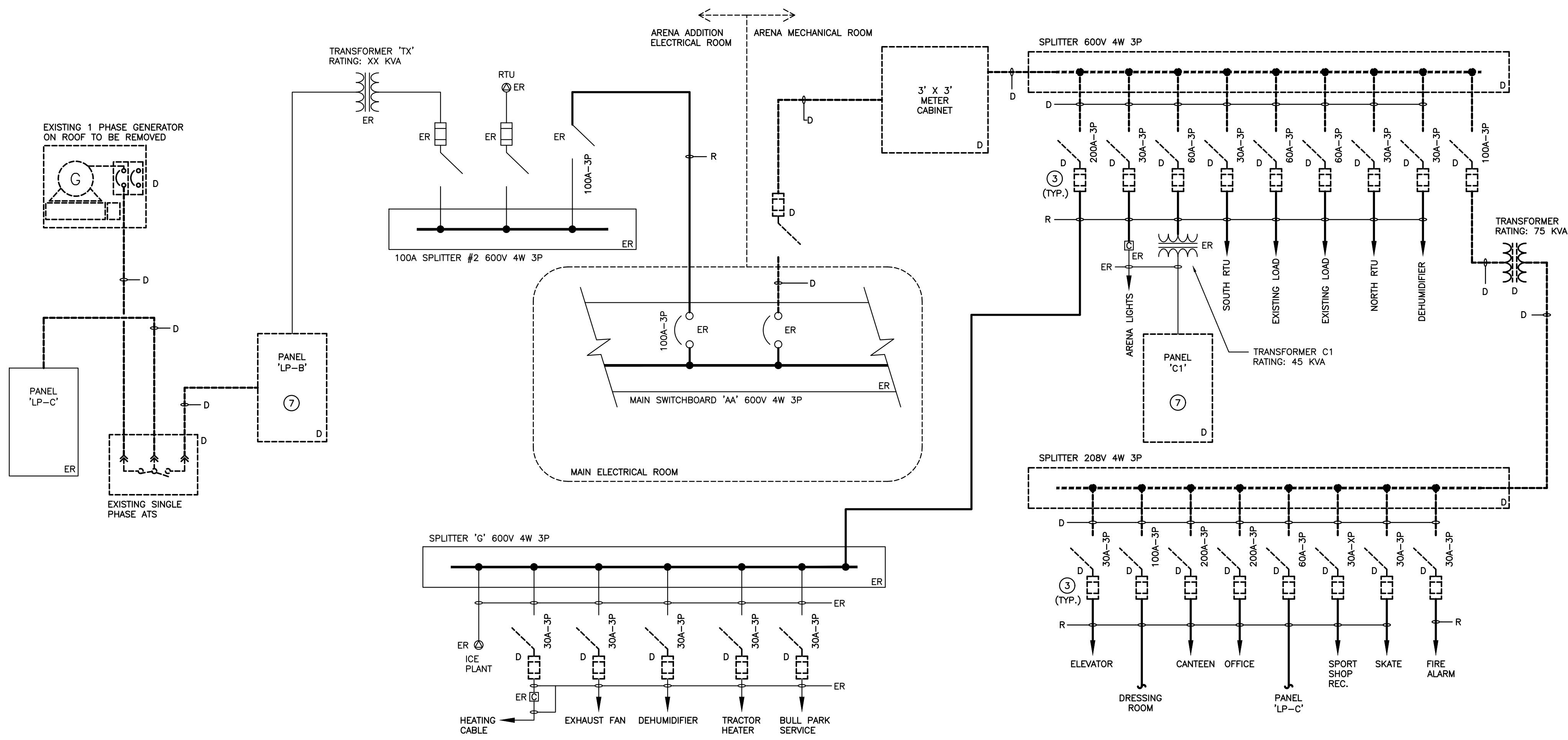
MECHANICAL | ELECTRICAL | AQUATIC

SHEET TITLE

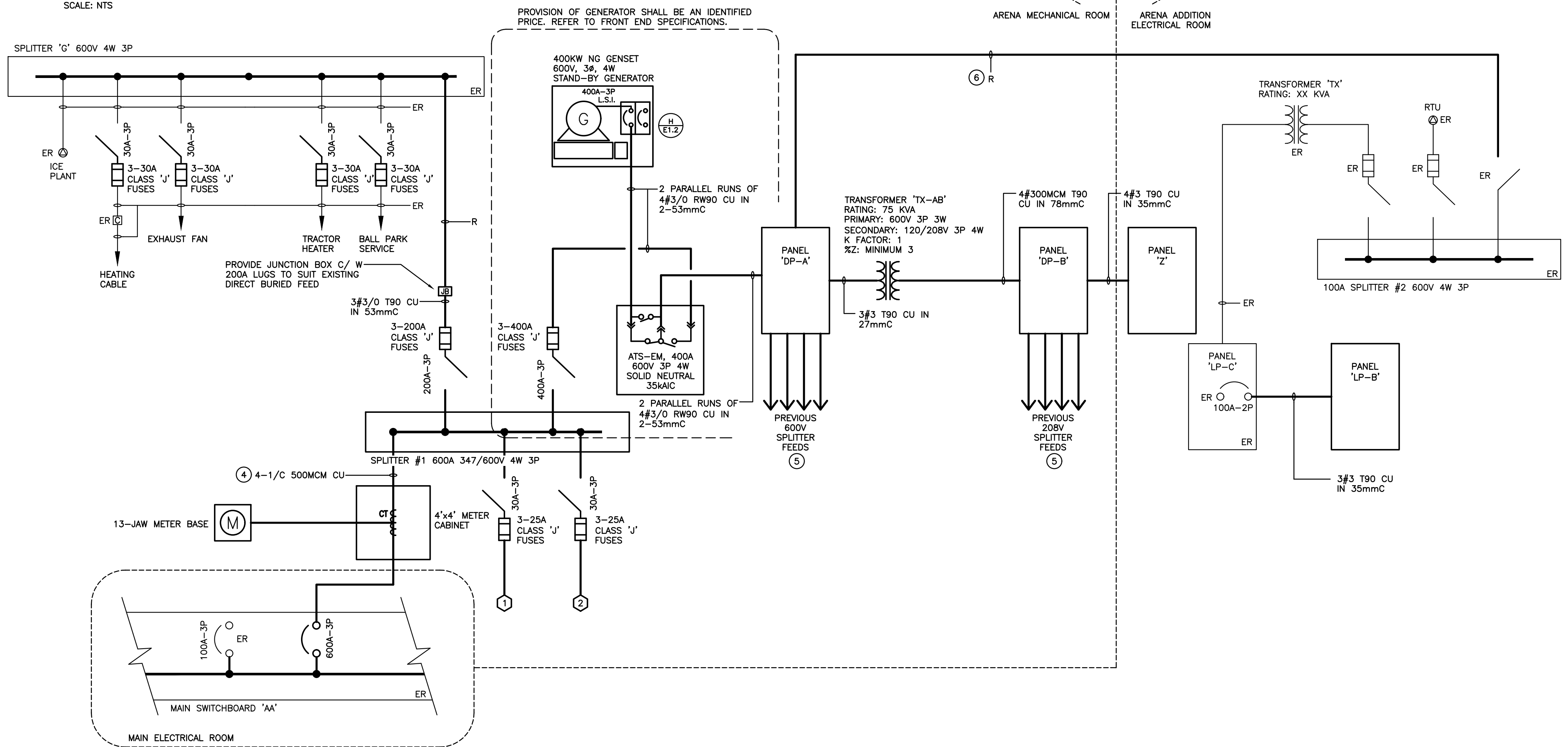
ROOF PLAN

	MARCH 20 2024	ISSUED FOR BID/PERMIT			
△	DATE	REVISION	△	DATE	REVISION





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 #2-306(1),(2)
- INSTALL GROUND WIRE TO SUIT THE ELECTRICAL SAFETY CODE IN ALL CONDUIT.

DISTRIBUTION RISER NOTES

- EXISTING MAIN SWITCHBOARD IS FEDERAL PIONEER (SERIAL 12359842-001) 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 AWARD.
- 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
NOTES: C/W SPRINKLER HOOD

* 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.

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

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.

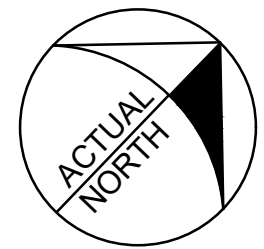
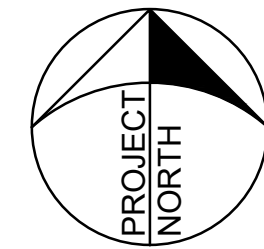
PANEL 'DP-B'

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

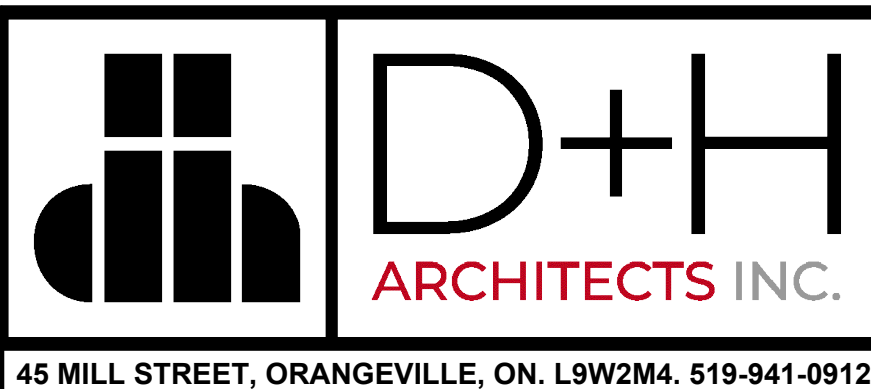
* INDICATES 33mA GROUND FAULT STYLE BREAKER
THE CONTRACTOR IS TO COORDINATE ROOM NAMES AND NUMBERS NOTED WITH THE FINAL ROOM INFORMATION ISSUED DURING CONSTRUCTION AND ADJUST DIRECTORIES TO SUIT.

ELEVATOR	30A	1	2	200A	EXISTING LOAD
	3P	3	4		
	3P	5	6		
OFFICE	200A	7	8	15A	SPORT SHOP H
	3P	9	10		
	3P	11	12		
SKATE RECEPTACLES	15A	13	14	15A	FIRE ALARM
SKATE RECEPTACLES	15A	15	16	15A	HYDRONIC SYSTEM PUMP P-1
SKATE RECEPTACLES	15A	17	18		
CONTROL TRANSFORMER	15A	19	20	3P	
MAU-1	15A	21	22	15A	B-1 BOILER
	3P	23	24	15A	HHW-1 WATER HEATER
	3P	25	26	15A	BP-1 BOILER PUMP
	3P	27	28		
	3P	29	30	3P	
	3P	31	32	15A	EF-23
EF-3	15A	33	34	15A	C-1 CIRC PUMP
EF-5	15A	35	36	15A	WS-1 WATER SOFTENER REC.
PANEL 'B'	100A	37	38	60A	PANEL 'LP-L'
	3P	39	40		
	3P	41	42	3P	
EF-24 CEILING FAN	15A	43	44	15A	EF-22 CEILING FAN
EF-25 CEILING FAN	15A	45	46	15A	ERV-1
EF-26 REFRIG. RM. EXH.	15A	47	48	15A	ERV-2
	3P	49	50	15A	ERV-3
	3P	51	52	15A	ERV-4
CONTROL TRANSFORMER	15A	53	54	15A	ERV-5
PANEL 'Z'	100A	55	56	15A	GROUND FL. W/R PLUMB. FIXT.
	3P	57	58	15A	GROUND FL. W/R URIN. SOLENOID
	3P	59	60	15A	BAS 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 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 indicate all offsets fitting and accessories which may be required. Provide the same to meet 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 scale this drawing.
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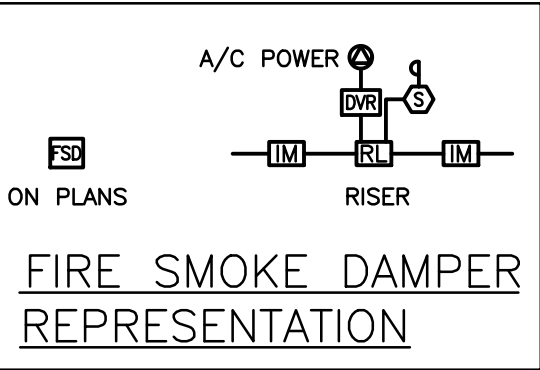


PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO

SHEET TITLE
DISTRIBUTION RISER DIAGRAM

DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR BID/PERMIT		

PROJ. NO.	21-159
DATE	NOV 2022
DRAWN BY	SD
CHECKED	SD
SCALE	AS NOTED
DATE PLOTTED	3/21/2024
DRAWING NO.	E5.1



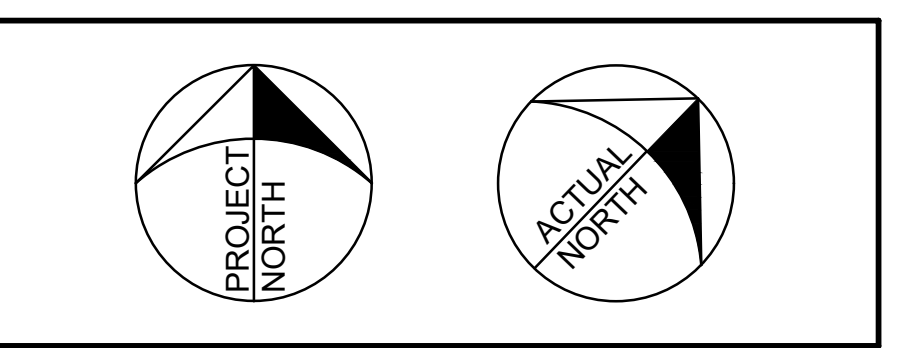
FIRE ALARM RISER GENERAL NOTES

- 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 AFF. PROVIDE LAMICOID LABEL 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.

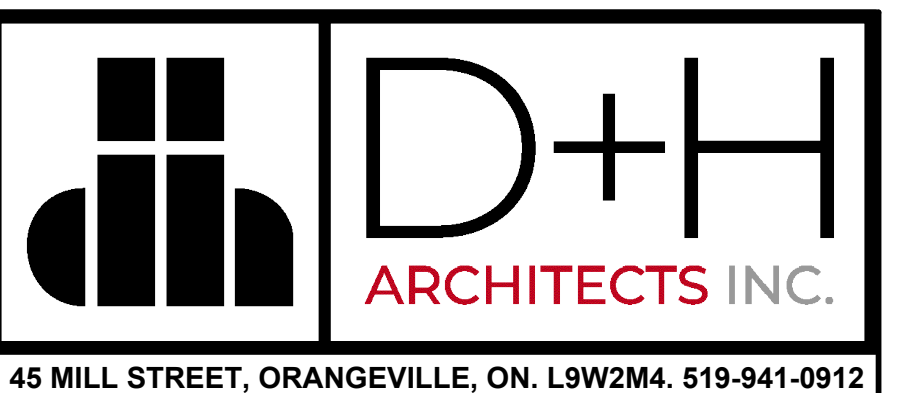
FIRE ALARM RISER NOTES

- F1 WITHIN THE FIRE ALARM CONTROL PANEL, PROVIDE 5 NORMALLY OPEN DRY CONTACTS RATED FOR 20V 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 21MMC FROM FIRE ALARM CONTROL PANEL TO COMMUNICATOR ENCLOSURE. PROVIDE 27MMC FROM FIRE ALARM CONTROL PANEL TO CORRIDOR CABLE MANAGEMENT SYSTEM. PROVIDE 19MMC FROM COMMUNICATOR ENCLOSURE TO VOICE BACKBOARD.
- 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 DEVICES(S) ARE INITIATED.
- 1) PRIMARY FLOOR RECALL
 - 2) ALTERNATIVE FLOOR RECALL
 - 3) ELEVATOR MACHINE ROOM
 - 4) TOP OF SHAFT
 - 5) ELEVATOR SHAFT PIT.
- F5 INDICATES FIRE ALARM CONNECTION TO SMOKE DAMPER INTEGRAL DUCT DETECTOR. PROVIDE DUAL INPUT MONITOR/CONTACT MODULE AND DUAL VOLTAGE RELAY TO MONITOR AC POWER 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.



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 indicate all offsets fitting and accessories which may be required. Provide the same to meet 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 scale this drawing. © 2024 DEI & Associates Inc.

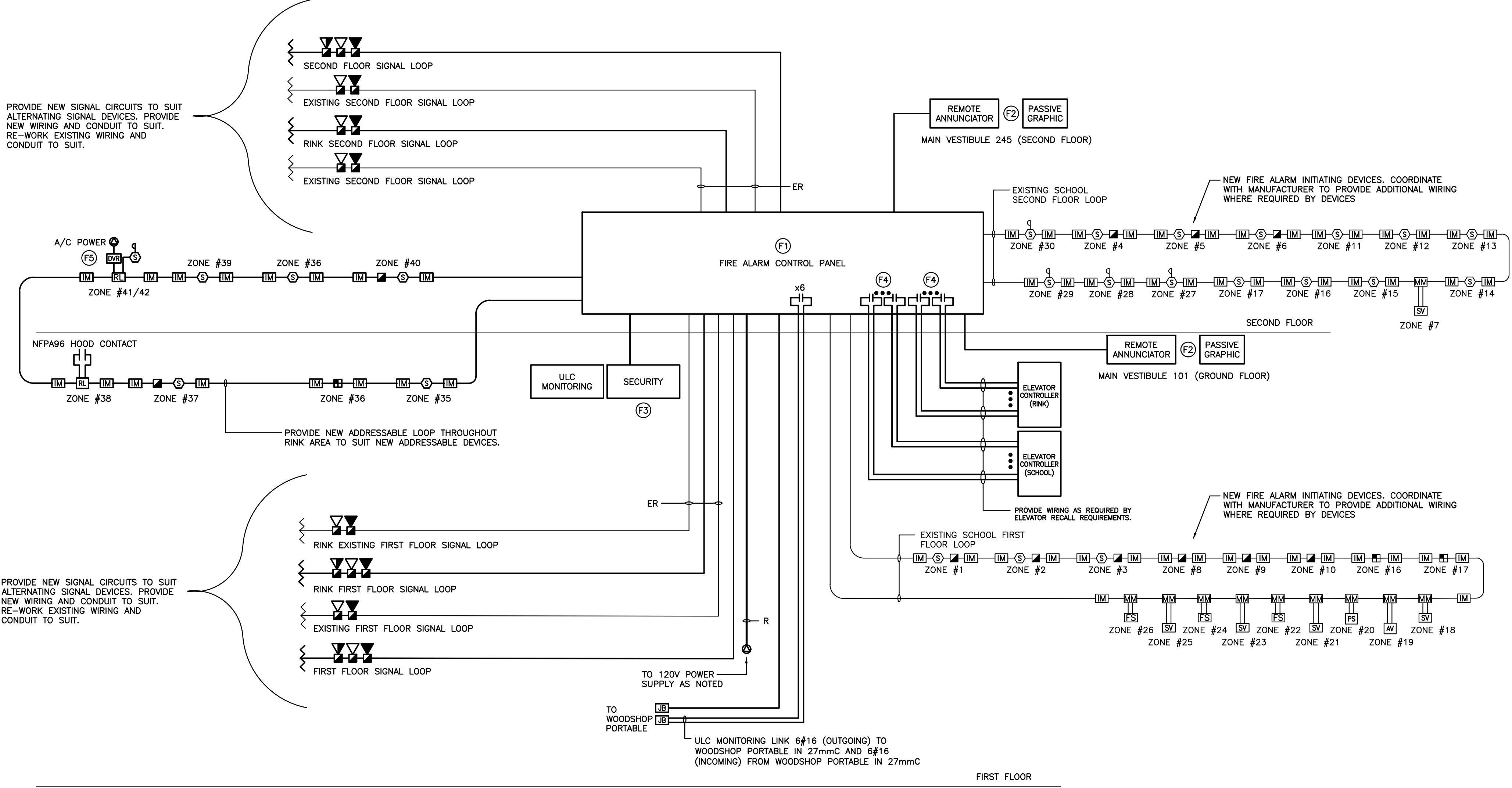
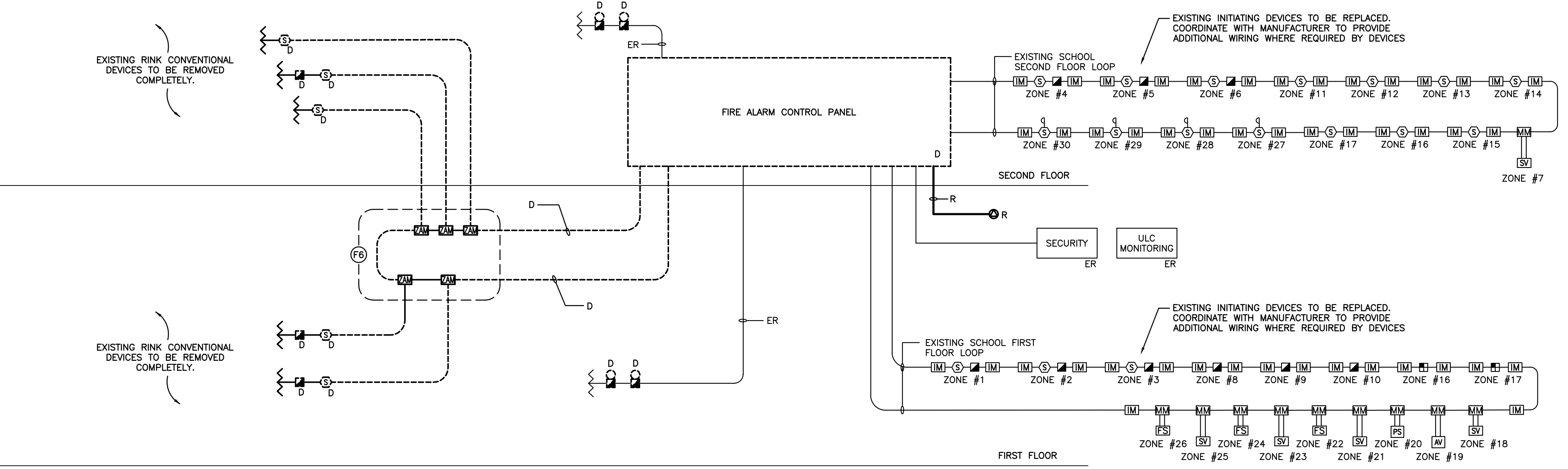


PROJECT RENOVATIONS FOR
ERIN COMMUNITY CENTRE
14 BOLAND DRIVE
ERIN ONTARIO

SHEET TITLE
**FIRE ALARM RISER
DIAGRAM**

DATE	REVISION	DATE	REVISION
MARCH 20 2024	ISSUED FOR BIOPERMIT		

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



FIRE ALARM RISER AND ZONE SCHEDULE
SCALE: NTS

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	MAIN SHUTOFF VALVE		•		•
19	MAIN 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	HVAC #2 DUCT DETECTOR	•			•
28	HVAC #3 DUCT DETECTOR	•			•
29	HVAC #6 DUCT DETECTOR	•			•
30	HVAC #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		•	•	

