

## ADDENDUM #3

Project	Holy Family Catholic Elementary School	Project No.	2325
Location	1420 Grosvenor Street, Oakville, ON	Date of Issue	2024 04 09
Owner	Halton Catholic District School Board	File	2325/7.1.3

This Addendum forms part of the Contract Documents and amends the original Drawings and Specifications, dated 2024 03 26, and all preceding Addenda, as noted below.

Ensure all parties submitting bids are aware of all items included in this Addendum. Read, interpret and coordinate the items contained herein with the Contract Documents and include all related costs as part of the Bid Price. Acknowledge receipt of this Addendum by inserting its number on the Bid Form. Failure to do so may subject the bidder to disqualification.

This Consultant Addendum consists of 2 page + noted attachments.

### A3-1 DOOR HARDWARE SCHEDULE

.1 Refer to attached Door Hardware Schedule.

### A3-2 GAS METER CONCRETE BASE DETAIL

.1 Refer to attached image to include new reinforced concrete base for gas meter.

## A3-3 MECHANICAL ROOM AND ROOF MODIFICATIONS

.1 Refer to attached drawing for modifications in the mechanical room and roof.

## A3-4 ELECTRICAL

.1 Refer to attached addendum 02, dated April 08, 2024, prepared by DEI Consulting Engineers.

## A3-5 BIDDERS QUESTIONS

1 Q: Locker spec 2.5.10 calls for two shelves and 3 hooks per compartments and compartments bottoms and tops are not considered as shelves. If the lockers are to be double tier (as per addendum #1), are any extra shelves (other than the locker bottoms and tops) required? If extra shelves required, this will greatly minimize the space between extra shelf and bottom of the locker compartment to allow for hanging of jackets and bags.

A: No extra shelves required.

- 2325 Holy Family CES Addendum #3 2 of 2
  - 2 Q: I have reviewed the documents, but cannot seem to locate the Finishing Hardware Schedule. Will it be coming out on Addenda or can you advise where it is located in the bid documents.
    - A: Refer to attached Door Hardware Schedule.
  - 3 Q: Please provide construction estimate for bonds.
    - A: SC01 General to provide bonding for a \$ 3,500,000.00 project contract amount.
  - 4 Q: Who is responsible for demolition of the bollards around the transformer?
    - A: The existing bollards are to be retained.
  - 5 Q: Who is responsible for removal of blocks and patching up to accommodate new electrical distribution panels as specified on the electrical drawings?
    - A: SC01 General to carry out removal of blocks and make good (masonry) after new panels are installed as per electrical drawings.
  - 6 Q: Do we have to account for painting in the gym?
    - A: Yes SC08 Painting to include cost of painting two reinforced joists and new duct work in the gym ceiling as shown on the mechanical and structural drawings.

**END OF ADDENDUM #3** 

Legend:

✓ Electrified Opening

Door#	HwSet#
1	01
2	01
3	01
<b>4</b> 5	01
5	01
6	02
7	02
8	03
8A	04
9	05
10	06
11	01
12	01
13	01
14	01
15	01
16	07
17	08
17A	09
17B	10
17C	11
18	12
19 ₩	13
20	14
21 💉	13
22	15
23	15
24	15
25	16
26	17
27	18
28 €	19

## Legend:

■ Link to catalog cut sheet

✓ Electrified Opening

## Hardware Group No. 01

For use on Door #(s):

1	2	3	4	5	11
12	13	14	15		

## Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	RE-USE EXISTING		

NOTE: EXISTING INTERIOR KEYWAY SCHLAGE EF, 5 PIN. FOR KEYING INFO CONTACT AIM LOCKSMITH, OAKVILLE, 905-878-5080

## Hardware Group No. 02

For use on Door #(s):

6 7

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	RE-USE EXISTING	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	FA	WALL STOP	RF-USE EXISTING		

NOTE: DOOR IS NOT TO BE REPLACED, REPLACE ADD HARDWARE ONLY.

## Hardware Group No. 03

For use on Door #(s):

8

## Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	RE-USE EXISTING	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	OH STOP	90S	630	GLY
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE

NOTE: DOOR IS NOT TO BE REPLACED, REPLACE ADD HARDWARE ONLY.

## Hardware Group No. 04

For use on Door #(s):

A8

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EΑ	WALL STOP	RE-USE EXISTING		

## Hardware Group No. 05

For use on Door #(s):

9

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	OH STOP	90S	630	GLY
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE

## Hardware Group No. 06

For use on Door #(s):

10

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	OH STOP	90S	630	GLY
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE

## Hardware Group No. 07

For use on Door #(s):

16

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	RE-USE EXISTING		

## Hardware Group No. 08

For use on Door #(s):

17

Provide each SGL door(s) with the following:

QT`	Y	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	FA	WALL STOP	RF-USE EXISTING		

## Hardware Group No. 09

For use on Door #(s):

17A

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS401/402CVX	626	IVE
1	EA	HARDWARE	RE-USE BALANCE OF		
			HARDWARE EXISTING		

NOTE: EXISTING AUTO OPERATOR AND ELECTRIC STRIKE TO BE RE-USED.

Hardware Group No. 10

For use on Door #(s):

17B

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 5 X 4.5 NRP	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	FLOOR STOP	RE-USE EXISTING	630	IVE

## Hardware Group No. 11

For use on Door #(s):

17C

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 5 X 4.5 NRP	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	SURFACE CLOSER	4040XP SCUSH ST-3068	689	LCN
1	EΑ	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE

## Holy Family Catholic Elementary School

## Hardware Group No. 12

For use on Door #(s):

18

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	STOREROOM LOCK	ND80P6D RHO EF KWY, 5 PIN	626	SCH
1	EA	SURFACE CLOSER	4040XP EDA ST-3068	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EΑ	WALL STOP	RE-USE EXISTING		

## Hardware Group No. 13

For use on Door #(s):

19 2<sup>-</sup>

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	PASSAGE SET	ND10S RHO	626	SCH
1	EA	SURFACE CLOSER	1461 REG STD	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	RE-USE EXISTING		
1	EA	FIRE/LIFE WALL MAG	RE-USE EXISTING	<b>№</b> 689	LCN

## Hardware Group No. 14

For use on Door #(s):

20

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4 NRP	652	IVE
1	EA	STOREROOM LOCK	ND80P6D RHO EF KWY, 5 PIN	626	SCH
1	EA	SURFACE CLOSER	4040XP EDA ST-3068	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	FA	WALL STOP	RF-USE EXISTING		

Hardware Group No. 15

For use on Door #(s):

22 23 24

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	PRIVACY LOCK W/ OUTSIDE INDICATOR	ND40S RHO OS-OCC	626	SCH
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	RE-USE EXISTING		

## Hardware Group No. 16

For use on Door #(s):

25

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	RE-USE EXISTING		

## Hardware Group No. 17

For use on Door #(s):

26

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	OH STOP	90S	630	GLY
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE

## Hardware Group No. 18

For use on Door #(s):

27

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4	652	IVE
1	EA	CORRIDOR LOCK	ND73PD RHO EF KWY, 5 PIN	626	SCH
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 8" X 1 1/2" LDW B-CS	630	IVE
1	EΑ	WALL STOP	RE-USE EXISTING		

Hardware Group No. 19

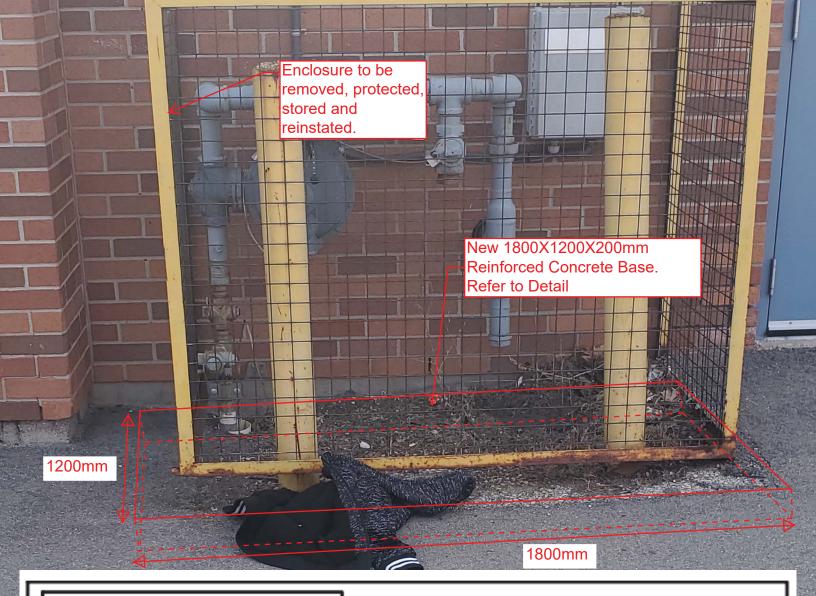
For use on Door #(s):

28

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	SWING CLEAR HINGE	5BB1SC 4.5		652	IVE
1	EA	STOREROOM LOCK	ND80P6D RHO EF KWY, 5 PIN		626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE CON	N	630	VON
1	EA	OH STOP	90S		630	GLY
1	EA	SURF. AUTO OPERATOR	4642 WMS 120 VAC	×	689	LCN
2	EA	ACTUATOR, TOUCH	8310-852T		630	LCN
2	EA	MOUNT BOX	8310-867S			LCN
1	EA	PUSH TO LOCK BUTTON	CM-AF550R	×	630	CAM
1	EA	KICK PLATE	8400 12" X 1 1/2" LDW B-CS		630	IVE
1	EA	WIRE HARNESS	CON-6W	×		SCH
1	EA	DOOR CONTACT	7766	×	628	SCE
1	EA	PRESS TO RESET BUTTON	CM-8010R/13	×		CAM
1	EA	LED ANNUNCIATOR	CM-AF500			CAM
1	EA	EMERG CALL KIT UNIV RESTRMS	CX-WEC10K2			CAM
1	EA	ADVANCED LOGIC RELAY	CX-33			CAM

NOTE: MOUNT 4642 FLUSH CEILING CONDITION. LOCATE OPERATOR AND SHOE FROM THE CENTRELINE OF SWING CLEAR HINGE PIN.



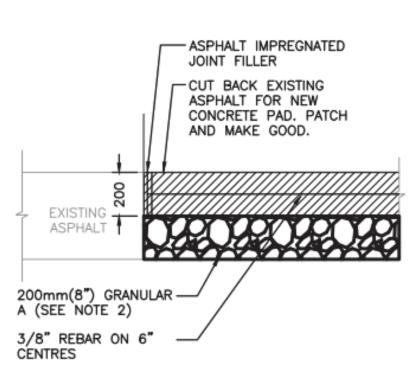
## NOTE:

 CONCRETE SPECIFICATIONS: CEMENT TYPE: NORMAL PORTLAND GU/PORTLAND LIMESTONE GUL MINIMUM 28 DAY COMPRESSIVE STRENGTH: 20 MPa MAXIMUM NOMINAL SIZE OF COARSE

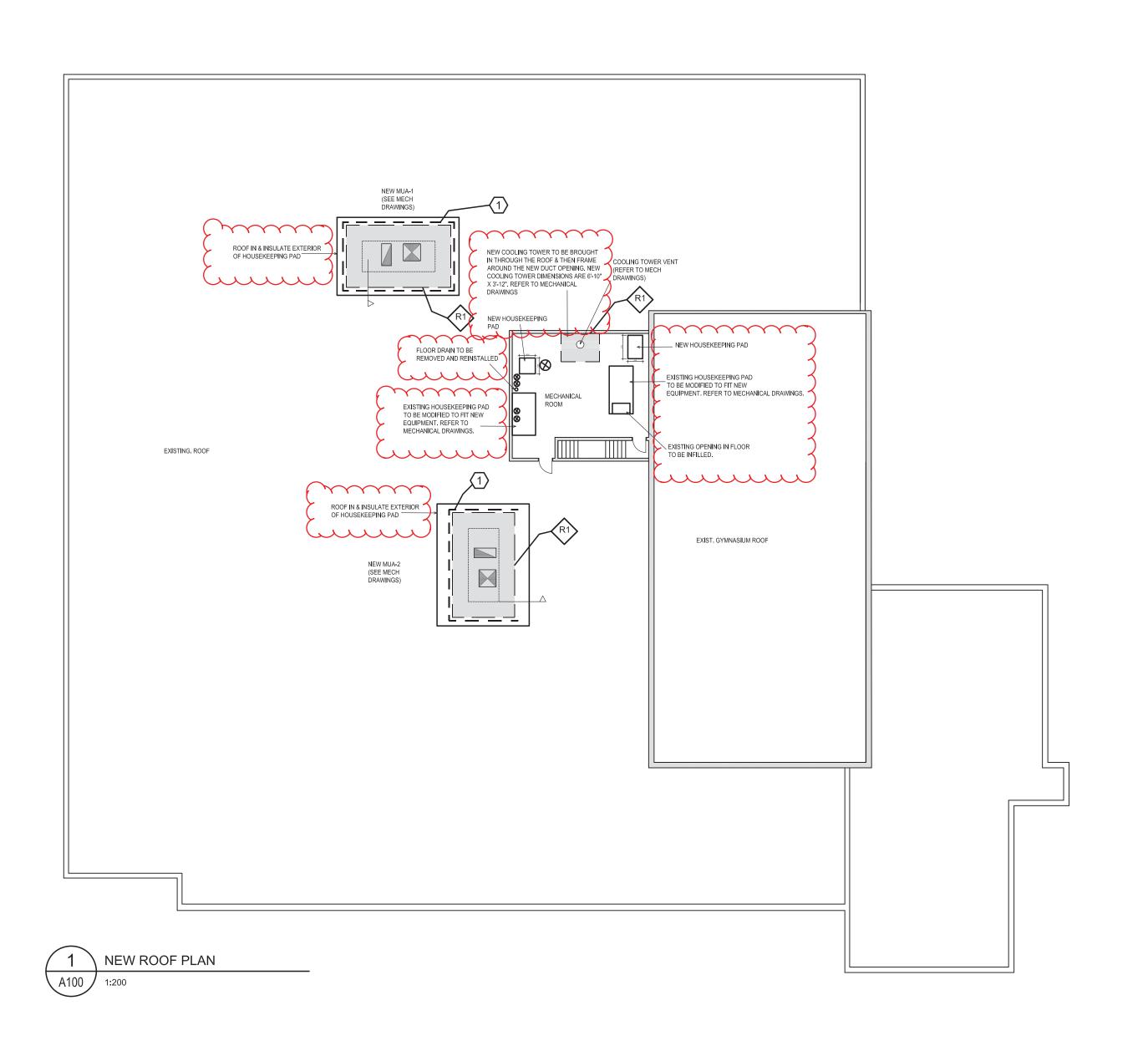
AGGREGATE: 19mm
MAXIMUM WATER/CEMENTING

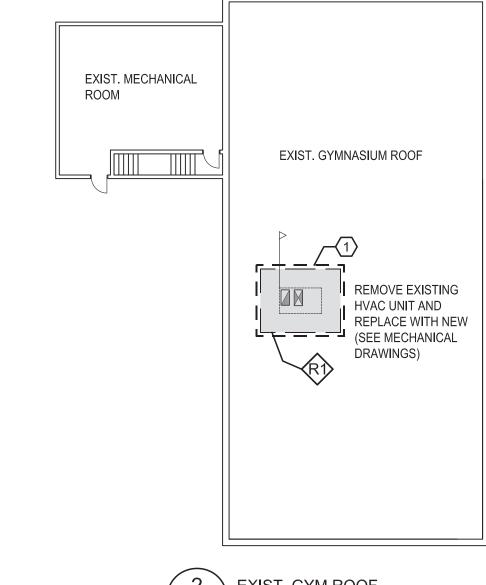
MATERIALS RATIÓ: 0.45

GRANULAR A BASE MUST BE COMPACTED TO 100% SPMDD

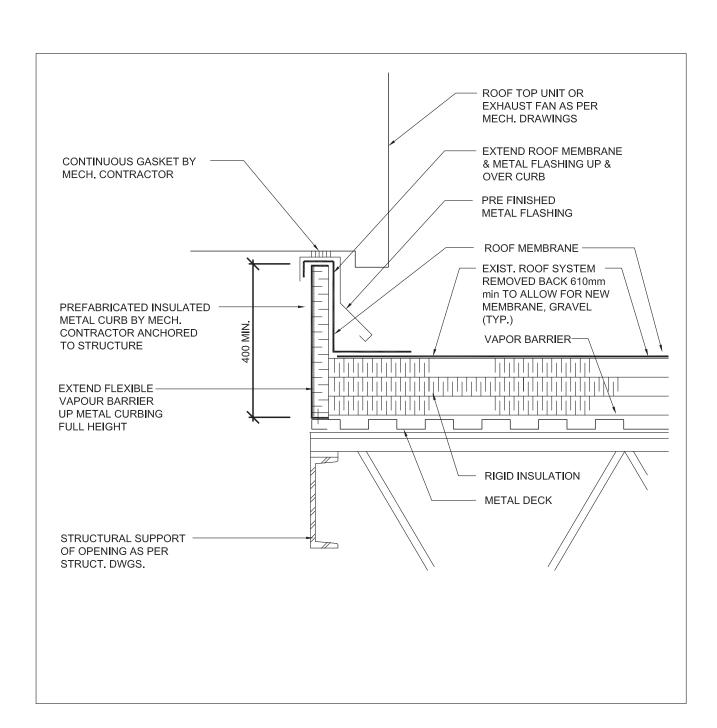


RAISED CONCRETE BASE DETAIL

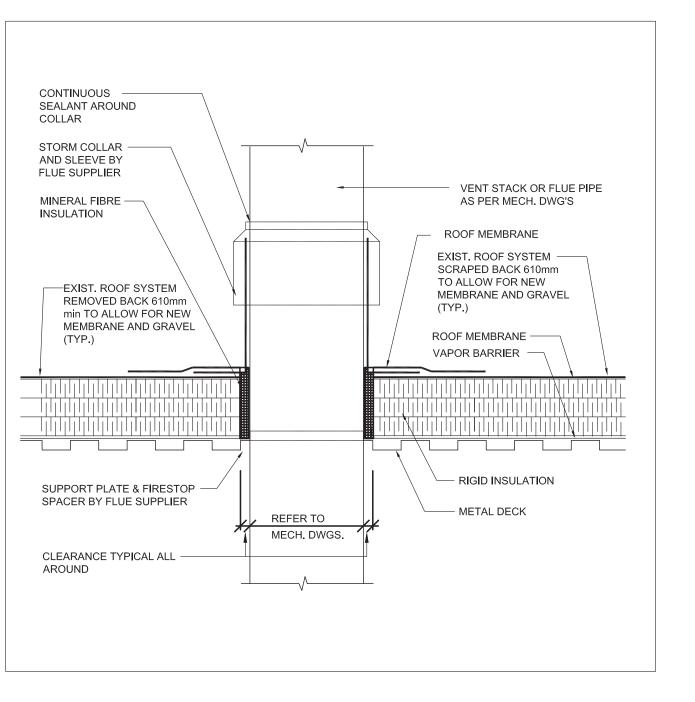




2 EXIST. GYM ROOF A100 / 1:200



3 ROOF TOP UNIT CURB DETAILS



VENT STACK DETAIL

# **ROOFING NOTES:**

1. GAS LINE AND REFRIGERATION LINES ARE INDICATED ON MECHANICAL PLUMBING PLAN.

2. NEW RTU LOCATIONS MUST BE COORDINATED WITH

MECH.DWGS. 3. PROVIDE MIN.300mm OVERLAP AT CONJUNCTION OF NEW AND EXISTING ROOFING SYSTEM.

4. TO BE READ IN CONJUNCTION WITH STRUCTURAL,

MECHANICAL AND ELECTRICAL DRAWINGS FOR ROOF OPENINGS AND PENETRATIONS

5.SC01 GENERAL TO PROVIDE A WOOD ROOF CURB, LUMBAR AND PLYWOOD FRAMING MEMBRANE ROOFING CLOSURE TO TEMPORARILY PROTECT THIS

OPENING UNIT MECHANICAL ROOF CURB AND UNIT ARE DELIVERED AND INSTALLED. PROVIDE REMOVAL OF THIS TEMPORARY CLOSURE IN SUBSEQUENT PHASES WHEN MECHANICAL EQUIPMENT IS DELIVERED AND INSTALLED.

 $\langle 1 \rangle$  NEW PREFAB SCREEN FOR THE ROOF TOP UNITS. REFER TO MECHANICAL SPECIFICATIONS APPROXIMATE EXTENT OF RE-ROOFING AREA: REMOVE EXISTING ROOFING FOR INSTALLATION OF NEW / REPLACEMENT EQUIPMENT & POSTED TO MATCH ENVIRONMENT AND RESERVED TO MATCH ENVIRONMENT A TO MATCH EXISTING ROOFING. REFER TO MECH. DWGS

NEW OPENINGS THROUGH ROOF.

**ROOF TYPES** 

MIN.300mm OVERLAP.

MAKE GOOD AFFECTED ROOF AREA WITH NEW ROOFING TO MATCH EXISTING 2 PLY MOD BIT ROOFING SYSTEM, PROVIDE

**ROOF PLAN & DETAILS** 

Scale: AS NOTED Date: 2024 MARCH

DISTRICT SCHOOL BOARD

HOLY FAMILY CATHOLIC **ELEMENTARY SCHOOL** 

Architects

**Snyder Architects Inc.** 

100 Broadview Ave., Suite 301, Toronto, ON M4M 3H3 T. 416.966.5444 www.snyderarchitects.ca

Consultants

Mechanical and Electrical Consultants DEI & Associates Inc.

55 Northland Rd.

Structural Consultants Kalos Engineering Inc.

300 York Boulevard

Hamilton, ON L8R3K6

Tel: 905-333-9119

Abatement Consultant

Maple Environmental Inc. 428 South Service Road. East - Suite 116

Oakville, ON L6J-2X6 Tel: 905-257-4408

THIS WORK FOR THIS PROJECT SHALL BE

CONSTRUCTED IN PHASES. REFER TO PHASING PLANS FOR DETAILS, MISINTERPRETATION OF THE DRAWINGS WITH RESPECT TO THE EXTENT

OF THE PHASING OF THE WORK SHALL NOT RELIEVE THE CONTRACTOR OF THE WORK REQUIRED TO COMPLETE THE ENTIRE

Revisions

Issued for Building Permit 2024-04-08

Issued for Addendum 02 2024-04-05

Issued for bids

2024-03-26

Project North

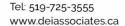
Date

CONTRACT.

True North

Waterloo, ON N2V 1Y8 Tel: 519-725-3555

2325 This drawing is sized for 24"x36" sheet size.
If not the above size, interpret the drawing accordingly.





April 8, 2024

Client: Snyder Architects Inc.

100 Broadview Avenue, Suite 301

Toronto, ON M4M 3H3

RE: Holy Family Catholic Elementary School

Renovations Oakville, ON

Job #: 23287

Attn: Shahzen Davar/Anil Gokarn, Principal

## **ADDENDUM 02**

### **MECHANICAL**

## Item 1

1.0 No mechanical content.

### **ELECTRICAL**

#### Item 1

- 1.0 Reference Specification Section 26 01 15 'Electrical Allowances and Fees'
  - .1 Revise cash allowances section to include replacement of main switchboard.

## Item 2

- 2.0 Reference Attached Reissued Drawing E1.1
  - .1 Revise notes #2 and #3 as shown.
  - .2 Remove detail A and B.
  - .3 Add 'ELECTRICAL SERVICE- SCOPE OF WORK".

## Item 3

- 3.0 Reference Attached Reissued Drawing E1.3
  - .1 Update size of Cooling Tower Control Panel from TBD to 11.9MCA, 20 MOCP on Equipment Wiring Schedule.

#### Item 4

- 4.0 Reference Attached Reissued Drawing E1.4
  - .1 Provide lighting control details for 3-button occupancy switch control as shown.
  - .2 Provide lighting fixture equals for fixture Type 'C' as shown.
  - .3 Revise light fixture schedule Types A, A1, A2, B, B1, and C to show approved alternate.

#### Item 5

- 5.0 Reference Attached Reissued Drawing E2.1
  - .1 Revise note 3 as shown.

#### Item 6

- 6.0 Reference Attached Reissued Drawing E2.2
  - .1 Whole main switchboard shall be demolished instead of just main fuse disconnect switch and branch circuit breakers. Revise note 9 as shown.



#### Item 7

- 7.0 Reference Attached Reissued Drawing E2.3
  - .1 Demolish existing single emergency remote head within mechanical penthouse.

#### Item 8

- 8.0 Reference Attached Reissued Drawing E3.1
  - .1 Provide receptacle for change table and circuit within Universal Washroom '32' as shown. Revise panel schedule to suit.
  - .2 Add circuit for Universal Washroom door operator as shown. Revise panel schedule to suit.
  - .3 Provide receptacle for future lift and circuit within Universal Washroom '32' as shown. Revise panel schedule to suit.
  - .4 Remove note bubble #2 on Mechanical Item "CT-1C" within mechanical penthouse. Provide circuit as shown.

#### Item 9

- 9.0 Reference Attached Reissued Drawing E3.2
  - .1 Indicate new main switchboard with incoming secondary feeders within electrical room as shown. Revise Note 14 to suit.

#### Item 10

- 10.0 Reference Attached Reissued Drawing E3.3
  - .1 Lighting within mechanical penthouse are to be connected to existing circuit and controls made available during demolition. Add Note 5 to suit.
  - .2 Provide emergency battery with remote heads within mechanical penthouse as shown. Add Note 6 to suit.
  - .3 Provide additional remote head along west side wall with circuit as shown.

### Item 11

- 11.0 Reference Attached Reissued Drawing E4.1
  - .1 Update partial distribution riser diagram as shown. Note 8 revised to suit replacement of new main switchboard.
  - .2 Add wire/conduit sizes for cooling tower items within detail B.
  - .3 Remove notes #7 and #8.

### Item 12

- 12.0 Reference Attached Reissued Drawing E4.2
  - .1 Add circuits to panel 'LPD' (universal washrooms) as noted.

#### Item 13

- 13.0 Reference Attached Reissued Drawing E4.3
  - .1 Revise panel schedule for 'PP-1' as shown.

Moe El-Kahlout

Lead Electrical Designer

23287 Addendum 02 (E-Various Changes)(spec 26 01 15)(various reissued dwgs) Apr 8 24 mek/sdm



2024 04 08

**Updated ADD02** 

### Part 1 General

## 1.1 GENERAL INSTRUCTIONS

.1 Comply with the General Conditions, Supplementary Conditions, and all of General Requirements, Mechanical and Electrical Divisions.

## 1.2 CASH ALLOWANCES (HST EXCLUDED)

- .1 Refer to CCDC 2 2020, GC 4.1 CASH ALLOWANCES.
- .2 The Contract Price includes the allowances stated below, which allowances shall be expended as the Owner directs through the Consultant. The Consultant may direct the Contractor to bid work for which payment is made from an allowance.
- .3 The Contract Price, and not the cash allowances, includes the Contractor's overhead and profit in connection with such cash allowances.
- .4 Where the actual cost of the *Work* under any cash allowance is less that the amount of the allowance, the *Owner* shall be credited for the unexpended portion of the cash allowance, but not for the *Contractor's* overhead and profit on such amount.
- .5 The value of the work performed under a cash allowance is eligible to be included in progress payments.
- .6 Lighting Controls Cash Allowances (HST Excluded)
  - .1 The contractor shall include the following allowance for the supply of the lighting controls system.

### Allowance:

\$50,000.00

The installation including all labour and rough-in material (such as conduit, backboxes, cables, etc.) must be included in the Contractor's price.

- .7 Local Utility Cash Allowances (HST Excluded)
  - .1 This contractor shall be responsible to co-ordinate a servicing agreement and all associated work with the local utility.
  - .2 Provide a cash allowance of \$90,000 in the tender price for the work being performed by the local utility as noted on design drawings.

## .8 Replacement of main switchboard (HST Excluded)

Provide a cash allowance of \$35,000 in the tender price for the work being performed by Schneider Services as noted on design drawings. The supply and installation (including all labour and rough-in material), disconnecting/reconnecting/reworking of existing branch feeder cables and new branch feeder cables, must be included in the Contractor's price.

HOLY FAMILY C.E.S. RENOVATIONS

DEI Project No.: 23287

2024 04 08

26 01 15 **ELECTRICAL ALLOWANCES AND FEES** Page 2

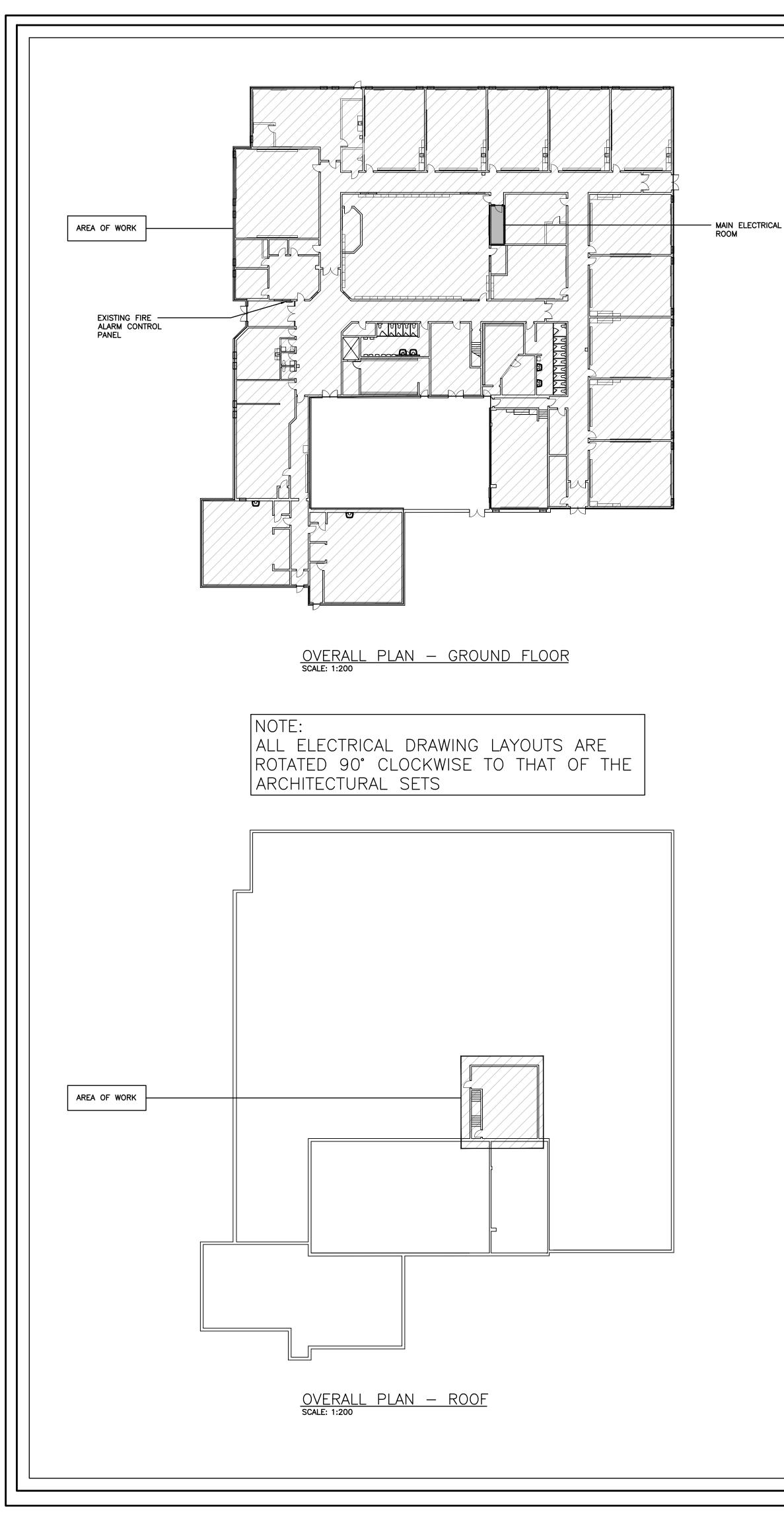
**Updated ADD02** 

#### 1.3 **FEES**

.1 The contractor shall determine general inspection fees with Electrical Safety Authority and include as part of tender.

.2 A submission has been made (if required by this scope of project) by the consultant to the Electrical Safety Authority for review of this project. The payment of the required review costs will be coordinated by the consultant. A copy of the Electrical Safety Authority review report will be forwarded to the successful contractor for information and action. Contractor will not be responsible for these review costs.

## **END OF SECTION**



SPECIFIC NOTES INDICATES APPROXIMATE LOCATION OF MAIN ELECTRICAL/METER ROOM. REFER TO FLOOR PLANS FOR EXACT LOCATION. INDICATES LOCATION OF NEW PAD MOUNTED TRANSFORMER MOUNTED ON EXISTING PAD. REFER TO ELECTRICAL SCOPE OF WORK. INDICATES EXISTING PROTECTIVE BOLLARDS. INDICATES EXISTING ROUTING OF 2-100mm SECONDARY DUCTS. ONE IS USED AND ONE IS SPARE. CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING FEEDER CABLE (4-300MCM RW90) IN USED DUCT, PULL BACK AND DISPOSE. CONTRACTOR SHALL INCLUDE FOR CLEANING OUT DUCT SUITABLE FOR PULLING CABLE, WASHING, AUGERING, BRUSHING AND OTHER NECESSAR' OPERATIONS TO CLEAN OUT EXISTING DUCT UNTIL PROPER MANDREL OR SLUG CAN BE PULLED THROUGH PROVING DUCT SATISFACTORY FOR USE. 2-100mm PRIMARY DUCTS GROSVENOR STREET ----- EXISTING HYDRO VAULT

ELECTRICAL SERVICE-SCOPE OF WORK

OAKVILLE HYDRO (UTILITY) WILL PROVIDE THE FOLLOWING WORK. COST WILL BE PART OF THE ALLOWANCE FOR UTILITY WORK AS LISTED IN SPECIFICATIONS

- H1 ISOLATION/MAKE SAFE OF EXISTING SERVICE.
- H2 DISCONNECT, RECONNECT OR SUPPLY AND INSTALL OF PRIMARY FEEDERS.
- H3 PROVIDE NEW TRANSFORMER.

PARTIAL SITE PLAN

H4 RECONNECTION OF SECONDARY FEEDERS.

THE ELECTRICAL CONTRACTOR FOR THE BUILDING OWNER (CUSTOMER) SHALL BE RESPONSIBLE FOR THE FOLLOWING:

- C1 REMOVAL AND DISPOSAL OF EXISTING SECONDARY CABLES BETWEEN TRANSFORMER AND
- SWITCHBOARD.

C2 TESTING OF EXISTING DUCTS TO ENSURE SUITABILITY FOR RE-USE PER SPECIFIC NOTE 4.

- C3 INSTALLATION OF NEW SECONDARY CABLES IN EXISTING DUCTS.
- C3 GROUNDING AS PER ELECTRICAL CODE. PROVIDE COORDINATION STUDY PER SPECIFICATIONS.
- C4 ALL WORK SHALL MEET UTILITY REQUIREMENTS & INSPECTION. ELECTRICAL CONTRACTOR TO CO-ORDINATE WITH UTILITY PRIOR TO PROCEEDING.

		LIGHTING		POWER
	X	LIGHT FIXTURE TYPE AS INDICATED	Ф	WALL MOUNTED RECEPTACLE (15A-120V)
ŀ	/X/////	LIGHT FIXTURE (HATCHING DENOTES NIGHTLIGHT)	Ψ	WALL MOUNTED T-SLOT RECEPTACLE (20A-120V)
	M M	CEILING OR WALL MOUNTED LIGHT FIXTURE TYPE AS INDICATED	#	T-SLOT RECEPTACLE MTD. ABOVE COUNTER (20A-120V)
	À	POLE MOUNTED LIGHT FIXTURE	₩s	RECEPTACLE MTD. ABOVE COUNTER S=SPLIT (15A-120V)
	<u>F</u> EE	SINGLE OR TWIN EMERGENCY LIGHTING FIXTURE	<b>©</b>	DIRECT CONNECTION
	\$	SINGLE POLE SWITCH (3=3 WAY, 4=4 WAY, P=PILOT LIGHT, K=KEYED, DM=DIMMER, M=MOTOR RATED)	JB	JUNCTION BOX
	\$°s	OCCUPANCY SENSOR (PASSIVE)	PB	PULLBOX
	OS	CEILING MOUNTED MOTION SENSOR	<b>—</b>	PANEL AS INDICATED
	WOS	WALL MOUNTED MOTION SENSOR	<u> </u>	FUSED DISCONNECT
	XB	DIGITAL WALL STATION. 'X' DENOTES NUMBER OF BUTTONS	4	UNFUSED DISCONNECT
	NB	LIGHTING NETWORK BRIDGE	VFD	VARIABLE FREQUENCY DRIVE
	PK	DIGITAL ROOM CONTROL POWER PACK	K	TIME CLOCK
		GENERAL	Ø	MANUAL STARTER
	ER	INDICATED EXISTING ITEM TO REMAIN		MAGNETIC STARTER
	D	INDICATES EXISTING ITEM TO BE DELETED	×	COMBINATION MAGNETIC STARTER
	R	INDICATES EXISTING ITEM TO BE RELOCATED/IN RELOCATED POSITION	HD	HAND DRYER
	WG	WIREGUARD	•	PUSH-BUTTON STATION (QUANTITY OF BUTTONS AS PER PLANS)
	GF	GROUND FAULT		CONTACTOR
	WP	WEATHERPROOF	П <sup>RA</sup>	THERMOSTAT (RA=REVERSE ACTING)
	IG	ISOLATED GROUND	$\boxtimes$	TRANSFORMER
	×	NOTE INDICATOR		ACCESS CONTROL
	X	MECHANICAL ITEM NO.	ES	ELECTRIC STRIKE. CONFIRM ROUGHIN WITH DOOR HARDWARE.
		ELECTRIC HEAT	PTL	"PUSH-TO-LOCK" BUTTON
	X	BASEBOARD ELECTRIC HEATER (TYPE AS INDICATED)	<b>●</b> EM	EMERGENCY PUSH BUTTON STATION
	STA	NDARD CIRCUIT LABELING		"ASSISTANCE REQUIRED" DOME LIGHT WITH SOUNDER
	POWER	A-1-1 PANEL LABEL ——/ / /	Á	"ASSISTANCE REQUIRED" INDICATOR LIGHT WITH SOUNDER
	CIRCUIT	INDICATION ————————————————————————————————————		FIRE ALARM
L				ALARM STROBE

HOLY FAMILY SCHOOL Snyder Architects Inc. 100 Broadview Ave., Suite 301, Toronto, ON M4M 3H3 T. 416.966.5444 www.snyderarchitects.ca Consulting Engineers MECHANICAL | ELECTRICAL | AQUATIC Kalos Engineering Inc. 300 York Boulevard Hamilton, ON L8R3K6 Tel: 905-333-9119 Abatement Consultant Maple Environmental Inc. 428 South Service Road. East - Suite 116 Oakville, ON L6J-2X6 Tel: 905-257-4408 THIS WORK FOR THIS PROJECT SHALL BE CONSTRUCTED IN PHASES. REFER TO ARCHITECTURAL DRAWINGS FOR PHASING INFORMATION AND DETAILS. MISINTERPRETATION OF THE DRAWINGS WITH RESPECT TO THE EXTENT OF THE PHASING OF THE WORK SHALL NOT RELIEVE THE CONTRACTOR OF THE WORK REQUIRED TO COMPLETE THE ENTIRE CONTRACT. True North Issued for Coordination Issued for Bids & Building Issued for Addendum

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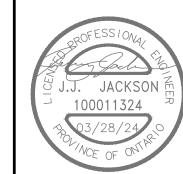
Project North

2024-03-08

2024-03-11

2024-03-26

2024-04-05



SITE PLAN,LEGEND AND OVERALL **PLANS** 

Scale: AS NOTED Checked by: MEK Drawn by: CP 2325 **E1.1** 

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True Nor		Project Nor
No.	Revisions	Date
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2	Issued for Coordination	2024-03-11
3	Issued for Bids & Building Permit	2024-03-26
A	Issued for Addendum	2024-04-05

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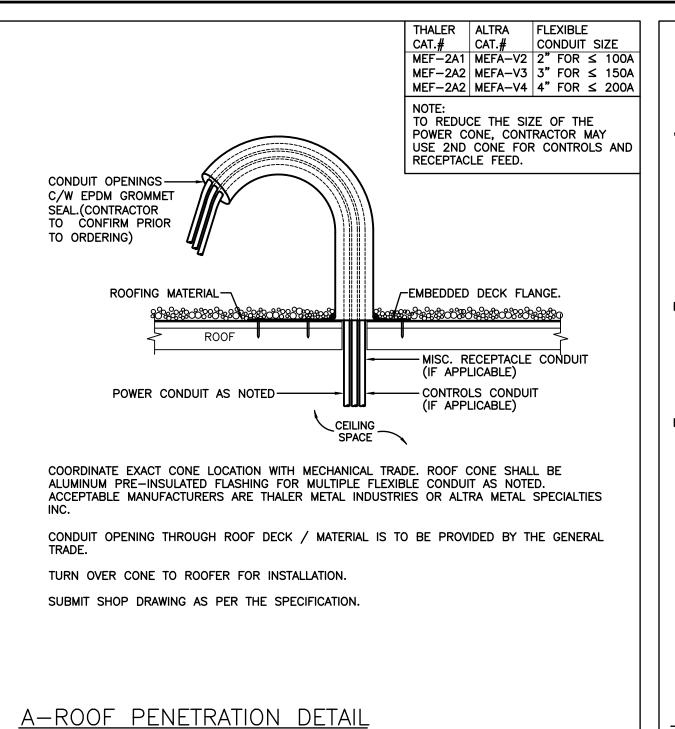
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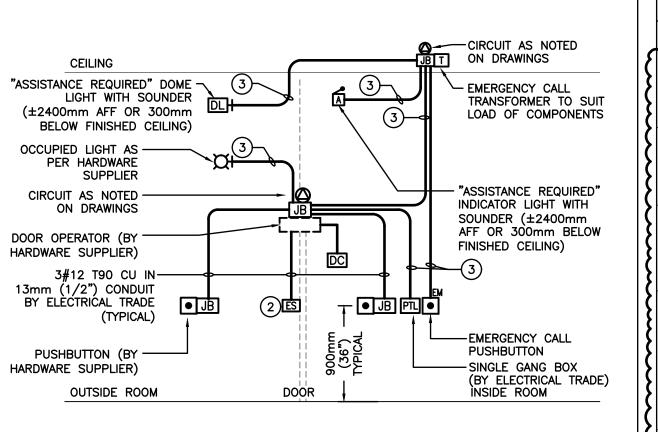
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EQUIPMENT WIRING SCHEDULE

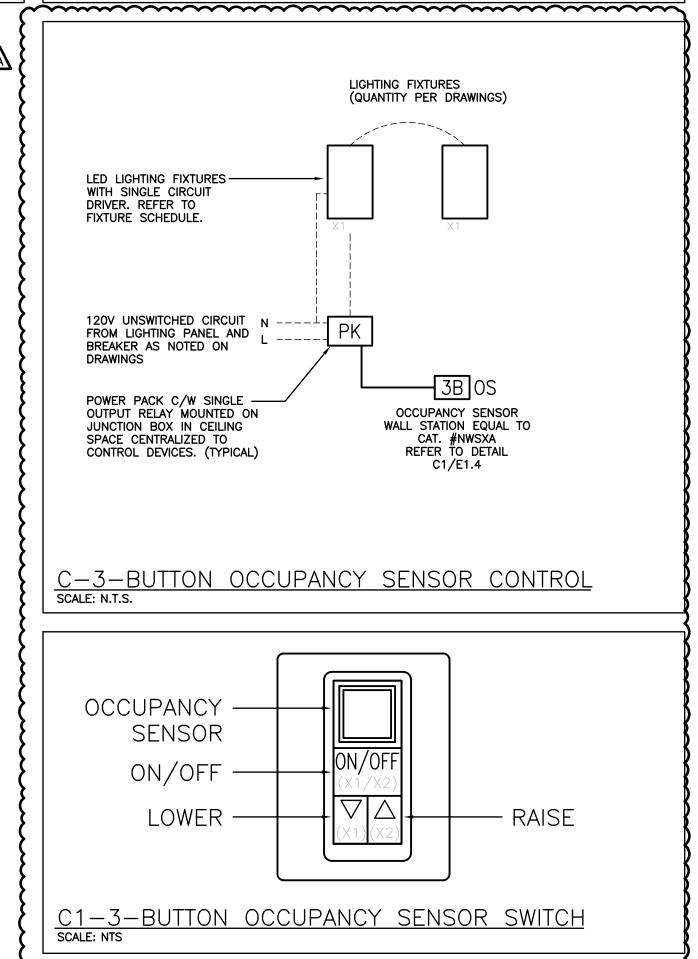
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Drawn by: <b>CP</b>	Checked by: MEK
Job No.	Drawing No.
2325	E1.3





THIS CONTRACTOR IS TO MAKE ALL CONNECTIONS TO ALL DEVICES AS SUPPLIED BY THE HARDWARE CONTRACTOR. ALL OTHER DEVICES BY HARDWARE CONTRACTOR.
 WHEN EMERGENCY CALL STATION IS ENGAGED, ELECTRIC STRIKE IS TO DISENGAGE TO ALLOW FOR ACCESS TO ROOM. CO—ORDINATE REQUIRED CONNECTIONS WITH THE HARDWARE SUPPLIER. REFER TO NOTE 3.
 PROVIDE LOW VOLTAGE INTERCONNECT WIRING TO SUIT SUPPLIER. FOR PRICING PURPOSES ALLOW 4c#18 IN 13mmC.

B-EMERGENCY CALL / DOOR OPERATOR DETAIL SCALE: NTS



# LIGHT FIXTURE SCHEDULE

Item	Manufacturer/Catalog Number	Voltage	Lamp	Mounting	CRI	Listings	Description
A (2) (6)	LITHONIA CAT. #CPX 1X4 AL07 80CRI SWW7 SWL MVOLT COOPER CAT. #14FP2640C LITELINE CAT. #LEDP-14-WH-40K-3-2	120V	LED 3200 LUMENS 4000K 24W	RECESSED	80	DLC IC DAMP LOC.	1'X4' (305mmX1220mm) LED FLAT PANEL FIXTURE C/W SWITCHABLE LUMEN OUTPUT, SATIN WHITE DIFFUSER, 10% 0-10V DIMMING DRIVER, AND WHITE FINISH.
A1 2	LITHONIA CAT. #CPX 1X4 AL07 80CRI SWW7 SWL MVOLT C/W 1X4SMKSH COOPER CAT. #14FP2640C C/W FPXSURF14 LITELINE CAT. #LEDP-14-WH-40K-3-2 C/W XTLR14WHFKT	120V	LED 3200 LUMENS 4000K 24W	SURFACE	80	DLC IC DAMP LOC.	1'X4' (305mmX1220mm) LED FLAT PANEL FIXTURE C/W SWITCHABLE LUMEN OUTPUT, SATIN WHITE DIFFUSER, 10% 0-10V DIMMING DRIVER, AND WHITE FINISH AND SURFACE MOUNTING KIT.
A2 ② 6	LITHONIA CAT. #CPX 2X4 AL08 80CRI SWW7 SWL MVOLT COOPER CAT. #24FP3140C LITELINE CAT. #LEDP-24-WH-40K-4-2	120V	LED 5000 LUMENS 4000K 35W	RECESSED	80	DLC IC DAMP LOC.	2'X4' (610mmX1220mm) LED FLAT PANEL FIXTURE C/W SWITCHABLE LUMEN OUTPUT, SATIN WHITE DIFFUSER, 10% 0-10V DIMMING DRIVER, AND WHITE FINISH.
В	COOPER CAT. #4SNLED-LD5-44SL-LW-UNV-L840-CD-1-AYC-WG/SNF-4FT LITHONIA CAT. #CSS L48 ALO3 MVOLT SWW3 80CRI/WGCSS SIGNIFY CAT. #SDS42448L8CST-UN3-DIM-FKR-126-SDS4WG (SET TO 4000K AND 4850LM)	120V	LED 4601 LUMENS 4000K 38W	SUSPENDED	80	DLC DAMP LOC.	4' (1220MM) SURFACE LED STRIP LIGHT C/W 4' MVOLT SWITCHABLE LED STRIP LIGHT, CHAIN SUSPENSION KIT 10% 0-10V DIMMING DRIVER, AND WIRE GUARD WITH MOUNTING HARDWARE (ONE 4FT).  NOTE: SUSPEND TO MAINTAIN MAXIMUM HEADROOM.
B1	COOPER CAT. #4SNLED-LD5-30SL-LW-UNV-L840-CD-1-AYC-WG/SNF-4FT LITHONIA CAT. #CSS L48 AL03 MVOLT SWW3 80CRI/WGCSS SIGNIFY CAT. #SDS42448L8CST-UN3-DIM-FKR-126-SDS4WG (SET TO 4000K AND 4850LM)	120V	LED 3000 LUMENS 4000K 25W	SUSPENDED	80	DLC DAMP LOC.	4' (1220MM) SURFACE LED STRIP LIGHT C/W 4' MVOLE SWITCHABLE LED STRIP LIGHT, CHAIN SUSPENSION KIT 10% 0-10V DIMMING DRIVER, AND WIRE GUARD WITH MOUNTING HARDWARE (ONE 4FT).  NOTE: SUSPEND TO MAINTAIN MAXIMUM HEADROOM.
С	EUREKA ATOLL CAT. #3850-36-LED-40-90-120V-DV-RDP-XX	120V	LED 2779 LUMENS	CEILING	90	_	3' (915mm) RING LED CEILING MOUNTED LUMINAIRE C/W 1% 0-10V DIMMING DRIVER, STANDARD FINISH TO BE SELECTED BY ARCHITECT.
	CAT. #SL1—SOLO—C1NA—36—MW—LED1—40K—UNV—DM1—MOD		4000K 28.4W				
F 2	AIMLITE CAT. #VP4-LA1A-4/40K STANPRO CAT. #VT4-LS1A-W/40K VISCOR CAT. #LSVB48-LED840K40LUNV	120V	LED 3486 LUMENS 4000K 28W		80	WET LOC.	4' (1220mm) LONG SURFACE MOUNTED VAPORTIGHT FIXTURE C/W LONG SURFACE MOUNTED VAPORTIGHT FIXTURE C/W GASKETED POLYCARBONATE HOUSING, LENS, AND LATCHES, AND STAINLESS STEEL MOUNTING HARDWARE. STANDARD FINISH TO SUIT ARCHITECT
EMERG BATT.		12V/120V	LED 2-4W MR16	SURFACE	N/A	N/A	LONG LIFE, SEALED RECHARGABLE BATTERY PROVIDING MINIMUM EMERGENCY WATAGE AS NOTED BY THE CATALOGUE NUMBER C/W MICRO SIZE 12V 4W (MINIMUM) LED HEADS AND AUTOTEST FEATURE.

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.

LUMACELL CAT. #RGS SERIES

EM-3 #RG12S361LD7ATN

EM-4 #RG12S1002LD7ATN

- 2 INDICATES FIXTURE SHALL BE IC RATED WHEN USED USE WITH FIRE RATED COVER TO SUIT INSULATED CEILING CONDITION.
- WHERE NOTED ABOVE THAT FIXTURES ARE TO HAVE FINISH TO SUIT ARCHITECT THE FINISH WILL BE SELECTED FROM MANUFACTURER'S OPTIONAL COLOUR CHART (i.e. RAL COLOURS OR EQUAL). PROVIDE THIS COLOUR CHART WITH SHOP DRAWING SUBMITTAL.
- 5 IF THERE ARE ANY DISCREPANCIES BETWEEN THE FIXTURE PART NUMBER AND DESCRIPTION, IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO BRING THESE TO THE ELECTRICAL CONSULTANT'S ATTENTION PRIOR TO TENDER CLOSE. NO EXTRAS WILL BE ENTERTAINED FOR FAILURE TO DO SO. FINAL FIXTURE CHARACTERISTICS AND DESCRIPTION WILL BE MARKED BY CONSULTANT AT TIME OF SHOP DRAWING REVIEW.
- 6 FIXTURE MUST HAVE A FIRE RATED COVER INSTALLED AS NOTED ON RENOVATION DRAWING AND FIXTURE MUST BE IC (INSULATION CONTACT) RATED (DUE TO THE FIRE RATED COVER).

HALTON H
CATHOLIC SB
DISTRICT SCHOOL BOARD

HOLY FAMILY SCHOOL

Architects

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LIGHT FIXTURE SCHEDULE AND DETAILS

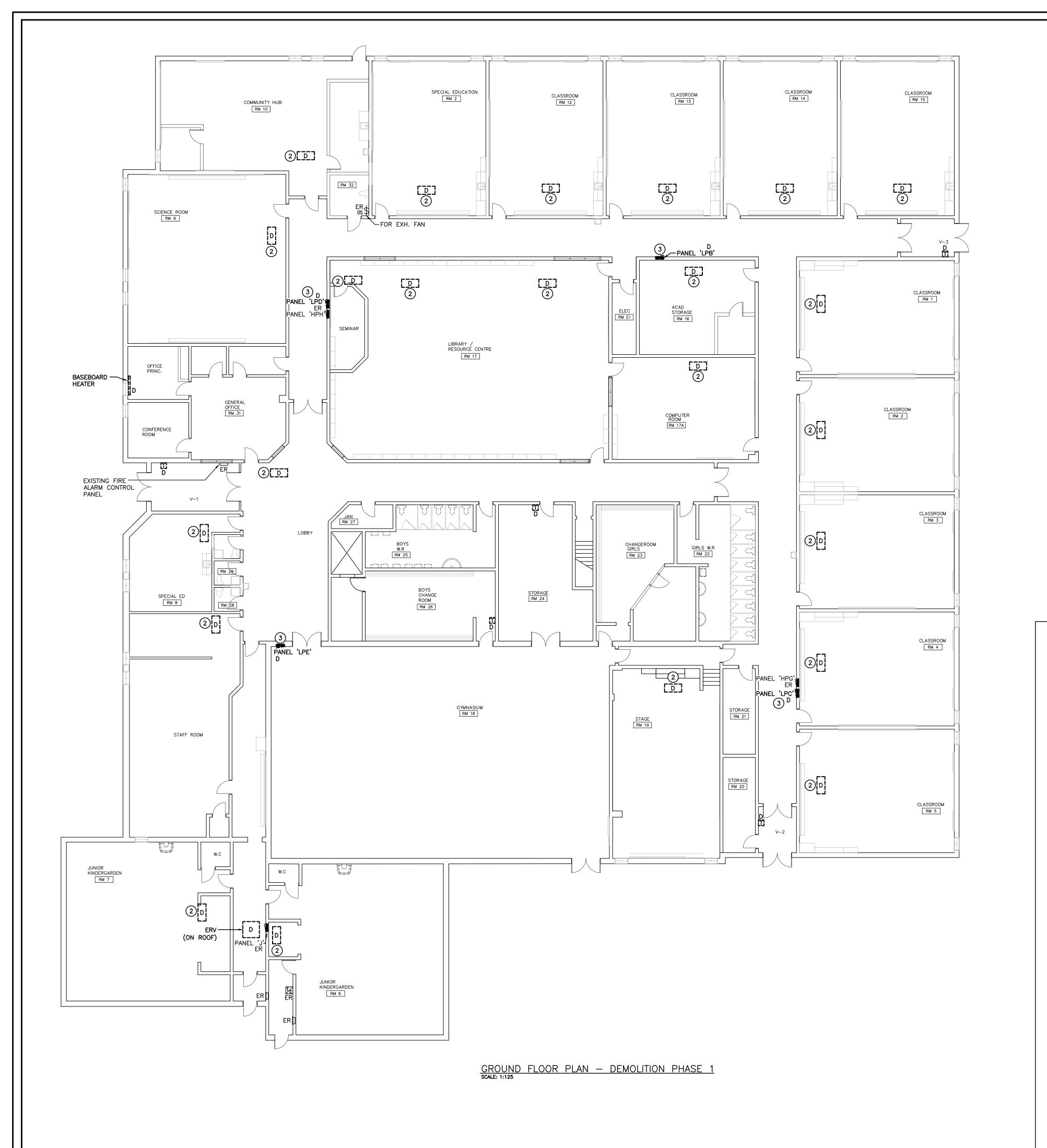
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 Drawn by: CP
 Checked by: MEK

 Job No.
 Drawing No.

 2325
 E1.4

s is sized for 24"/26" shoot size

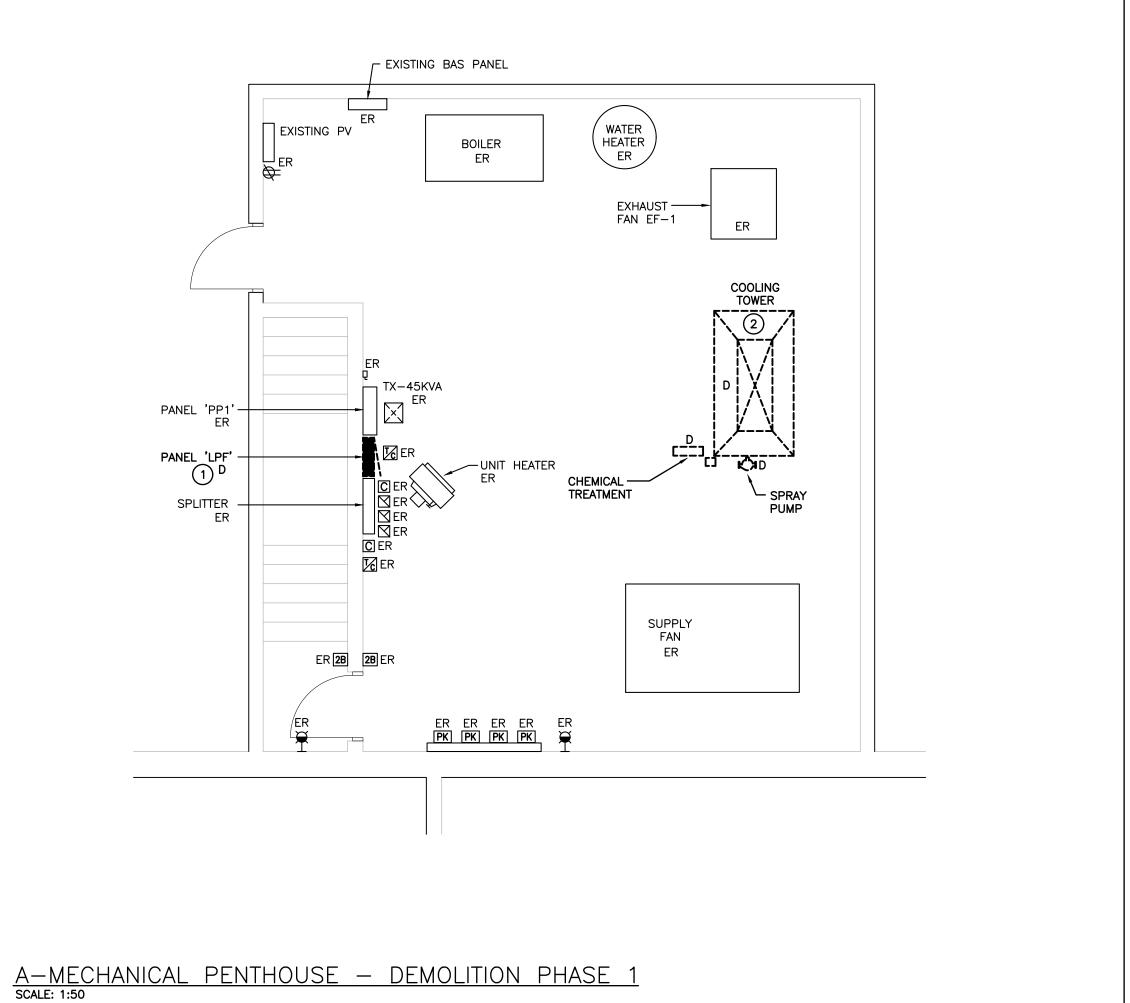


# GENERAL DEMOLITION NOTES

- '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.
- THIS CONTRACTOR IS RESPONSIBLE TO TURN OVER EXISTING LED BULBS TO SCHOOL BOARD.

## SPECIFIC DEMOLITION NOTES

- INDICATED PANEL TO BE DISCONNECTED AND REMOVED COMPLETE. EXISTING FEEDERS AND BRANCH WIRING SHALL BE STUBBED UP TO JUNCTION BOXES HIGH ON WALL FOR RECONNECTION TO NEW REPLACEMENT
- INDICATED MECHANICAL UNIT IS BEING REPLACED WITH NEW UNIT HAVING THE SAME POWER REQUIREMENTS. DISCONNECT AND RE—CONNECT EXISTING FEEDER.
- INDICATED PANEL TO BE DISCONNECTED AND REMOVED COMPLETE. EXISTING FEEDERS AND BRANCH WIRING SHALL BE STUBBED UP TO JUNCTION BOXES WITHIN ACCESSIBLE CEILING SPACE FOR RECONNECTION TO NEW REPLACEMENT PANEL. COORDINATE WITH ARCHITECT THAT BLOCK WORK AND PATCHING/PAINTING SHALL BE DONE TO ACCOMMODATE FOR TALLER PANEL TUB.



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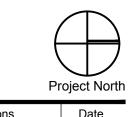
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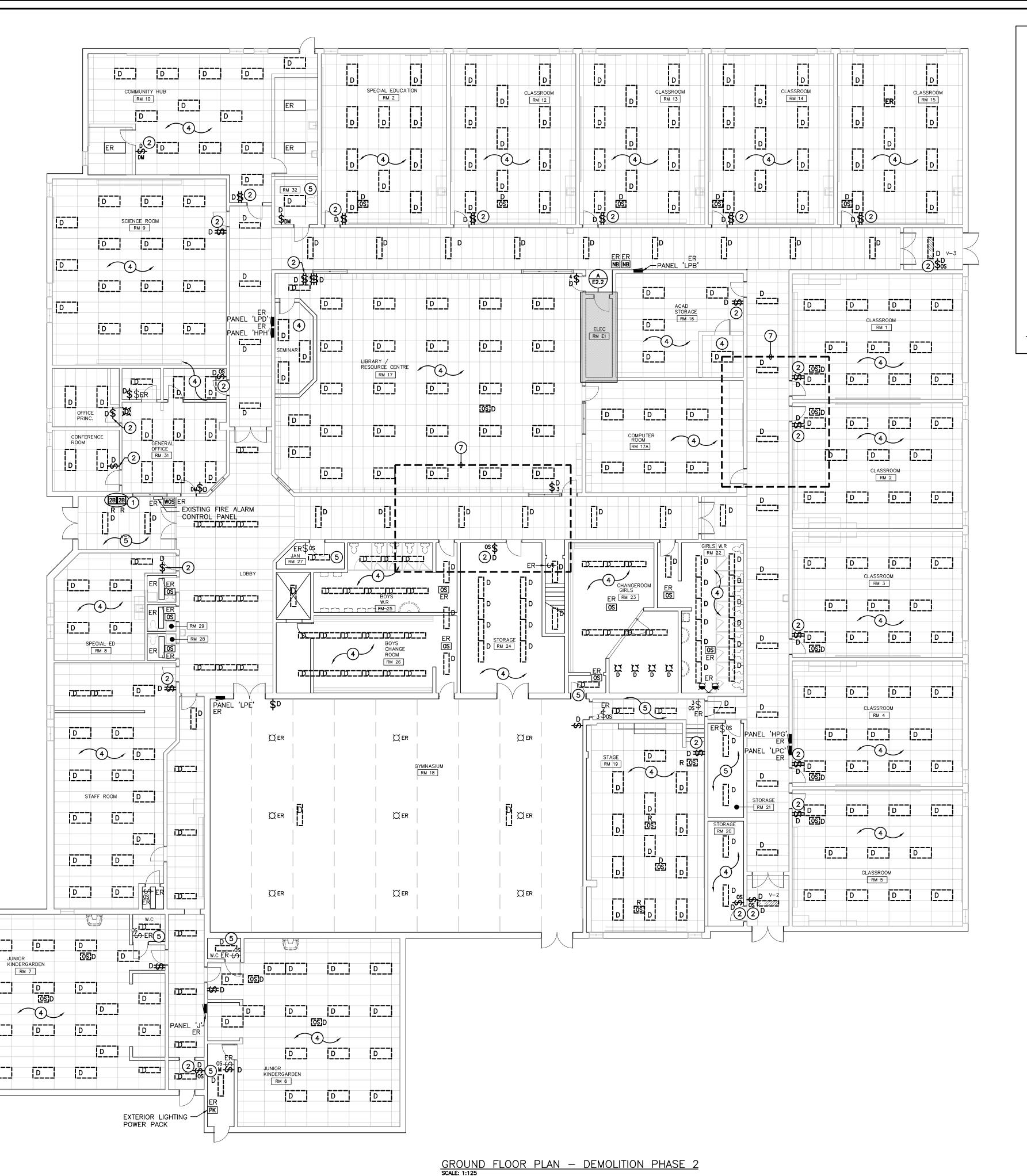
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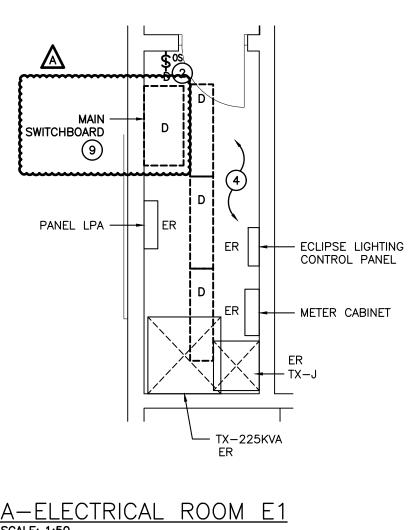
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GROUND FLOOR PLAN DEMOLITION PHASE

> Scale: AS NOTED Checked by: MEK Drawn by: CP **E2.1** 2325





## GENERAL DEMOLITION NOTES

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- 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.
  - ALL LIGHTING FIXTURES BEING RELOCATED SHALL BE CLEANED AND CHECKED PRIOR TO BEING REINSTALLED.
  - THIS CONTRACTOR IS RESPONSIBLE TO TURN OVER EXISTING LED BULBS TO SCHOOL BOARD.

## SPECIFIC DEMOLITION NOTES

- INDICATES BUTTON STATIONS FOR CORRIDOR LIGHTING AND WASHROOM LIGHTING THROUGHOUT SCHOOL. RELOCATE CORRIDOR BUTTON STATION TO PRINCIPAL'S OFFICE AND WASHROOM BUTTON STATION TO ELECTRICAL ROOM AS SHOWN ON RENOVATION DRAWINGS.
- UP TO CEILING SPACE AND MAINTAIN EXISTING BACKBOX FOR NEW CONTROLS. REFER TO RENOVATION PLAN FOR ADDITIONAL INFORMATION.
- INDICATED MECHANICAL UNIT IS BEING REPLACED WITH NEW UNIT HAVING THE SAME POWER REQUIREMENTS. DISCONNECT AND RE-CONNECT EXISTING FEEDER.
- LIGHTING WITHIN THIS AREA ARE TO BE DISCONNECTED AND REMOVED COMPLETE. MAINTAIN EXISTING LIGHTING
- INDICATED PANEL TO BE DISCONNECTED AND REMOVED COMPLETE. EXISTING FEEDERS AND BRANCH WIRING SHALL BE STUBBED UP TO JUNCTION BOXES HIGH ON WALL FOR RECONNECTION TO NEW REPLACEMENT PANEL.
- ANY EXISTING DEVICES WITHIN CEILING OF OUTLINED AREA ARE TO BE REMOVED AND RE-INSTALLED TO SUIT WORK ABOVE FOR STRUCTURAL REINFORCEMENT.
- INDICATED PANEL TO BE DISCONNECTED AND REMOVED COMPLETE. EXISTING FEEDERS AND BRANCH WIRING SHALL BE STUBBED UP TO JUNCTION BOXES WITHIN ACCESSIBLE CEILING SPACE FOR RECONNECTION TO NEW
- INDICATES MAIN SWITCHBOARD TO BE DISCONNECTED AND REMOVED COMPLETE. MAINTAIN EXISTING BRANCH



- 'D' INDICATES EXISTING ITEM TO BE DELETED. UNLESS OTHERWISE NOTED DISCONNECT AND REMOVE NOTED DEVICE AND WIRING BACK TO SOURCE.

- INDICATED LIGHTING SWITCH(ES) TO BE DISCONNECTED AND REMOVED COMPLETE. WIRING IS TO BE BROUGHT
- LIGHTING WITHIN THIS AREA ARE TO BE DISCONNECTED AND REMOVED COMPLETE. MAINTAIN EXISTING LIGHTING CIRCUIT FOR RECONNECTION TO NEW FIXTURES WITH NEW CONTROLS AS SHOWN ON RENOVATION DRAWING.
- CIRCUIT AND CONTROLS FOR RECONNECTION TO NEW FIXTURES AS SHOWN ON RENOVATION DRAWING.

- REPLACEMENT PANEL.
- FEEDERS FOR RECONNECTION TO NEW MAIN SWITCHBOARD AS SHOWN ON RENOVATION PLAN. REFER TO DISTRIBUTION RISER DIAGRAM FOR ADDITIONAL INFORMATION.

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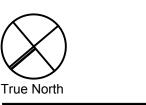
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Project North



Date Issued for Coordination 2024-03-08 2024-03-11 Issued for Bids & Building 2024-03-26 Issued for Addendum 2024-04-05

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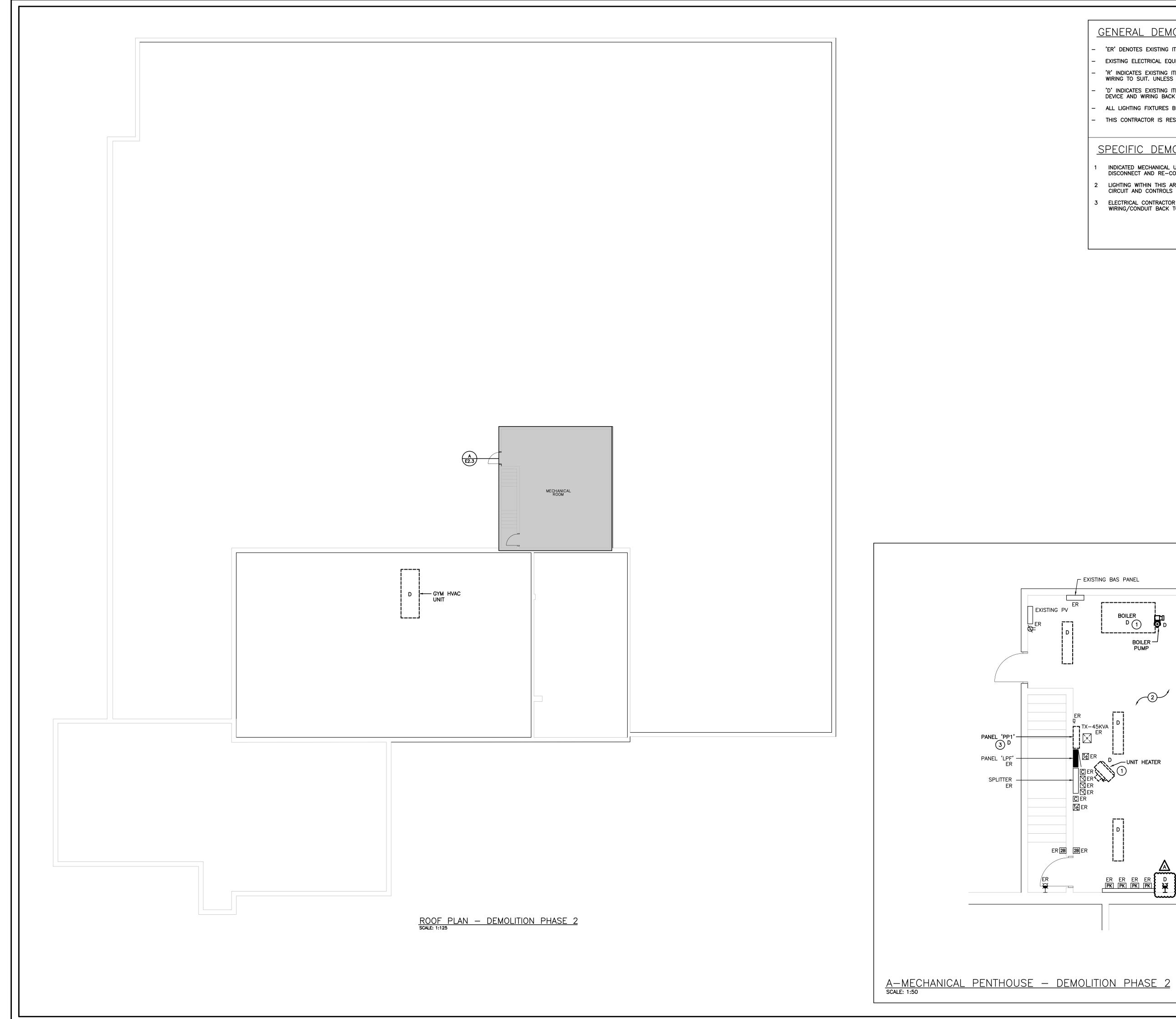
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GROUND FLOOR PLAN DEMOLITION PHASE 2

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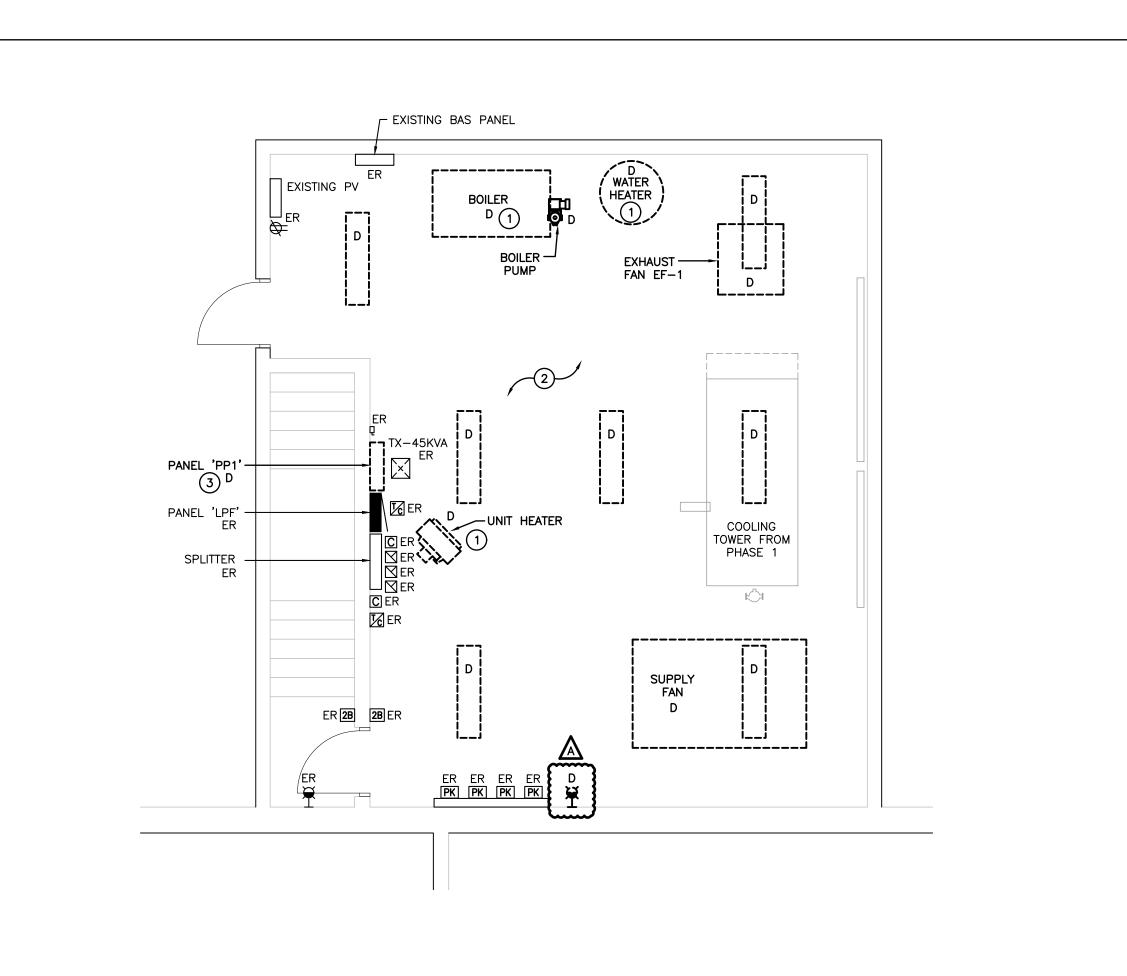


# GENERAL DEMOLITION NOTES

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- 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.
  - THIS CONTRACTOR IS RESPONSIBLE TO TURN OVER EXISTING LED BULBS TO SCHOOL BOARD.

## SPECIFIC DEMOLITION NOTES

- INDICATED MECHANICAL UNIT IS BEING REPLACED WITH NEW UNIT HAVING THE SAME POWER REQUIREMENTS. DISCONNECT AND RE-CONNECT EXISTING FEEDER.
- LIGHTING WITHIN THIS AREA ARE TO BE DISCONNECTED AND REMOVED COMPLETE. MAINTAIN EXISTING LIGHTING CIRCUIT AND CONTROLS FOR RECONNECTION TO NEW FIXTURES AS SHOWN ON RENOVATION DRAWING.
- 3 ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING PANEL COMPLETE. REMOVE EXISTING WIRING/CONDUIT BACK TO SOURCE SWITCHBOARD.



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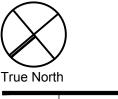
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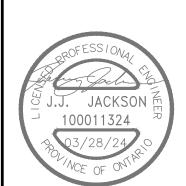
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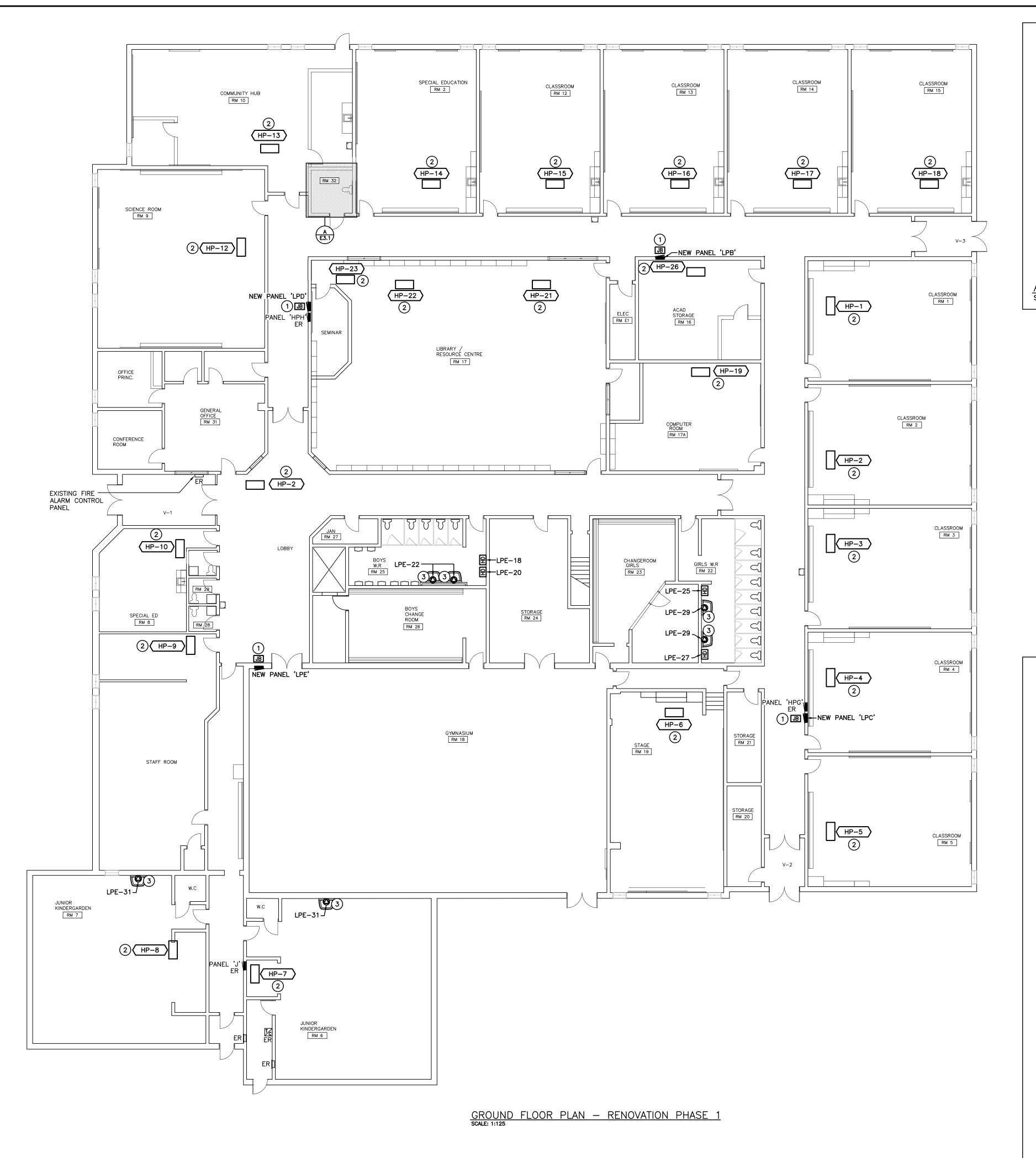
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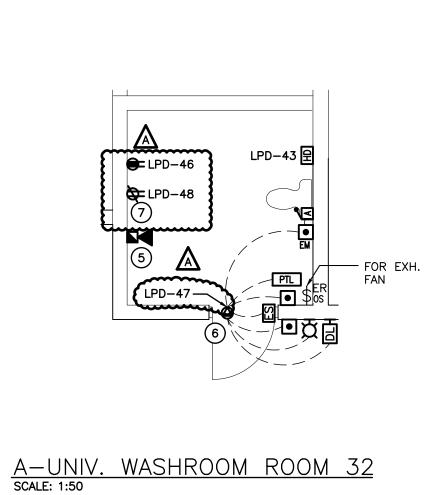
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ROOF PLAN **DEMOLITION** PHASE 2

> Checked by: MEK **E2.3**





# GENERAL RENOVATION NOTES

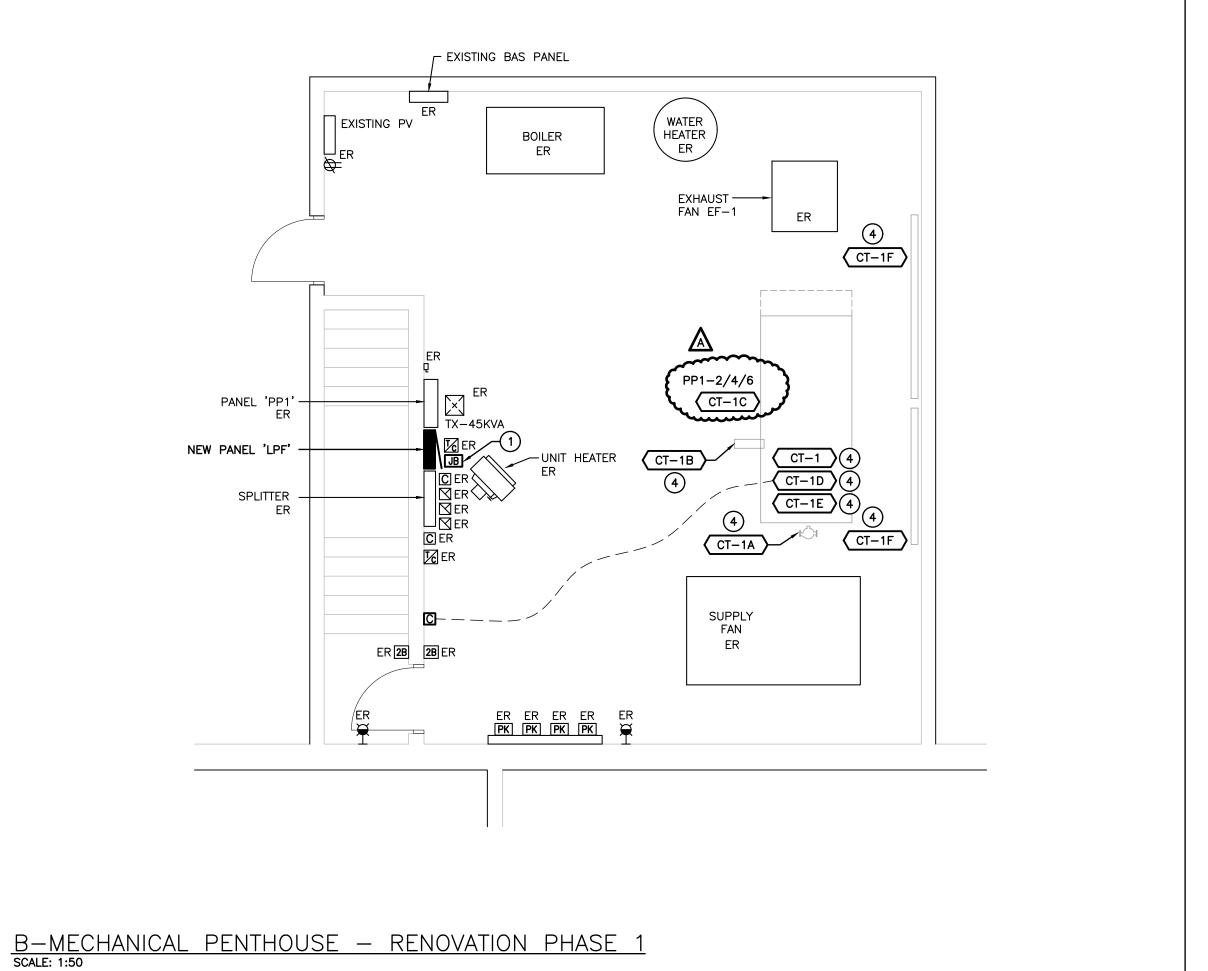
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OTHERWISE NOTED.

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

## SPECIFIC RENOVATION NOTES

- INDICATES OVERHEAD FEEDERS (FROM EXISTING DEMOLISHED PANEL) FOR RE-FEEDING OF EXISTING FEEDER BRANCHES. EXTEND EXISTING OÙTGOING FEEDER TO JUNCTION BOXÉS AND CONNECT TO NEW BRANCH DEVICE
- RECONNECT EXISTING FEEDER MADE AVAILABLE DURING DEMOLITION TO REPLACEMENT MECHANICAL EQUIPMENT.
- PROVIDE 120V CONNECTION TO PLUMBING FIXTURE. COORDINATE REQUIREMENTS WITH MECHANICAL CONTRACTOR AND PLUMBING SHOP DRAWINGS PRIOR TO ROUGH-IN.
- INDICATED MECHANICAL ITEM TO BE WIRED THROUGH COOLING TOWER CONTROL PANEL. REFER TO EQUIPMENT WIRING SCHEDULE AND DETAIL B/E4.1 FOR ADDITIONAL INFORMATION.
- CONNECT INDICATED DEVICE TO THE LOCAL SIGNAL CIRCUIT. ALL WIRING MUST BE SUPERVISED.
- INDICATES POWER AND ROUGH—IN FOR POWER DOOR OPERATOR. COORDINATE EXACT REQUIREMENTS AND LOCATION WITH ARCHITECTURAL DESIGNER AND DOOR HARDWARE SUPPLIER PRIOR TO ROUGH—IN. REFER TO B/E1.4 FOR ADDITIONAL INFORMATION.
- INDICATES RECEPTACLE MOUNTED AT 152mm (6") BELOW CEILING FOR FUTURE LIFT. CONFIRM EXACT LOCATION WITH SCHOOL BOARD ON SITE PRIOR TO ROUGH-IN.



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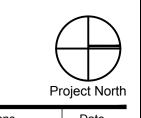
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COMPLETE THE ENTIRE CONTRACT.



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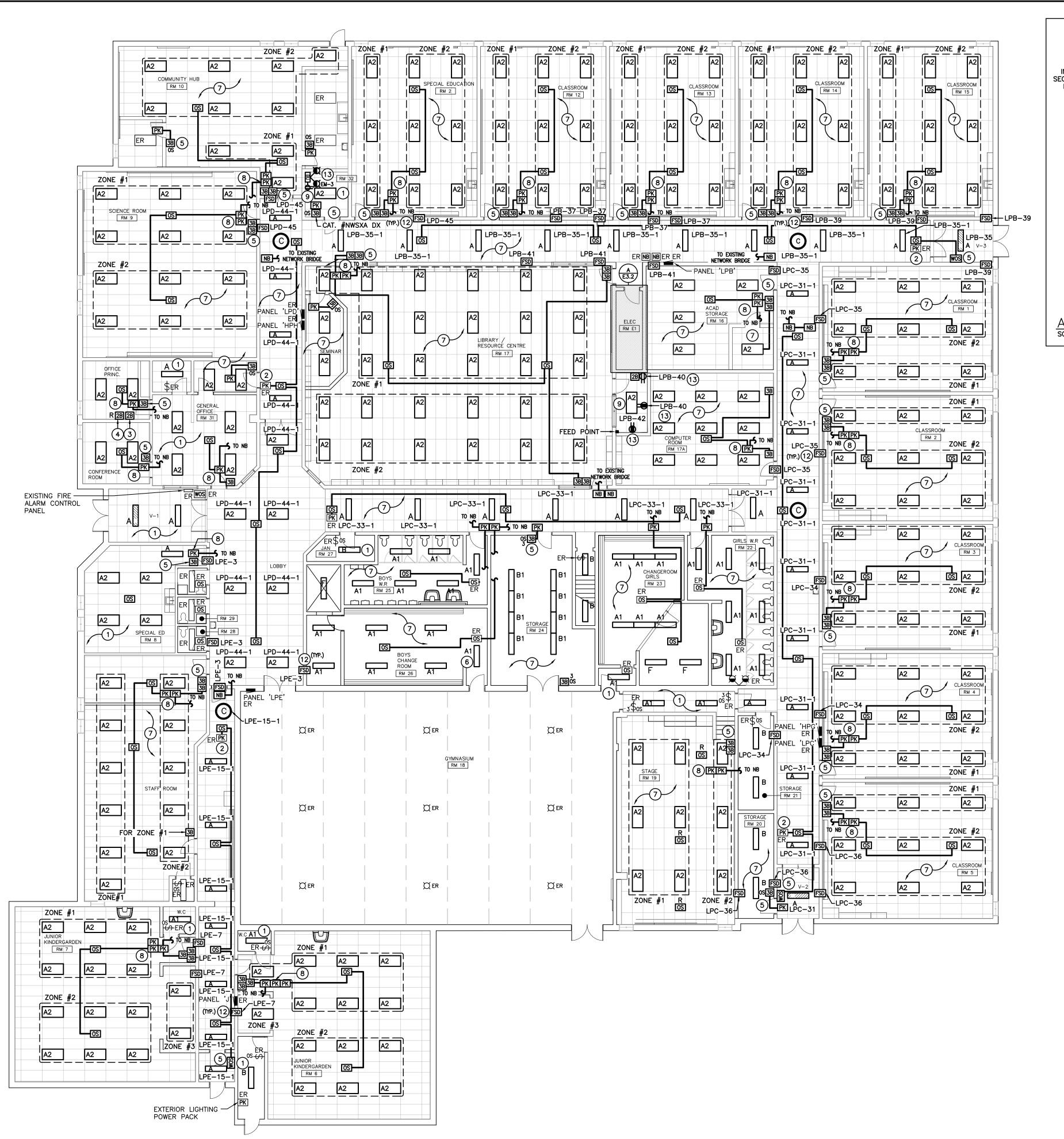
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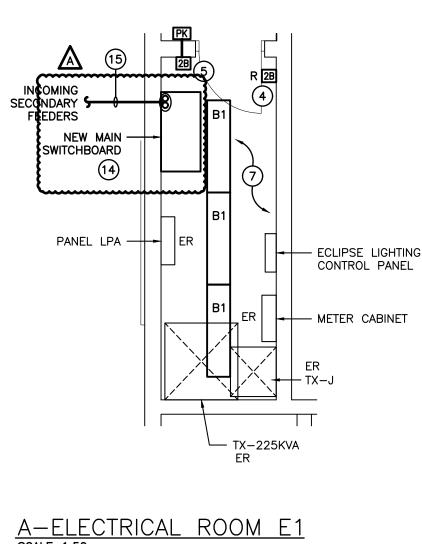
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GROUND FLOOR PLAN RENOVATION PHASE

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- 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

- LIGHTING WITHIN AREA TO BE CONNECTED TO EXISTING CIRCUIT WIRING AND LIGHTING CONTROLS MADE AVAILABLE DURING DEMOLITION.
- COORDINATE EXACT LOCATION OF EXISTING CORRIDOR POWER PACK ON SITE.
- INDICATES NEW 2B SWITCH FOR ON/OFF CONTROL OF ALL LIGHTING WIRED THROUGH NETWORK BRIDGES.
- INDICATES BUTTON STATION RELOCATED FROM VESTIBULE. PROVIDE NEW LOCKABLE COVER.
- 5 UTILIZE EXISTING BACKBOX MADE DURING DEMOLITION FOR NEW LIGHTING SWITCH/STATION AS SHOWN. PROVIDE BLANK COVERPLATE FOR ANY SPACES.
- REVISE SWITCHING OF INDICATED LIGHTING FIXTURE FROM WASHROOM TO CHANGEROOM LIGHTING CONTROL
- LIGHTING WITHIN AREA TO BE CONNECTED TO EXISTING CIRCUIT AND WIRING MADE AVAILABLE DURING DEMOLITION WITH NEW CONTROLS AS SHOWN.
- INDICATES POWER PACK(S) INSTALLED WITHIN ACCESSIBLE CEILING SPACE FOR CONTROL OF NOTED MOTION
- CONNECT INDICATED FIXTURE TO LINE SIDE OF LOCAL LIGHTING CIRCUIT.
- INDICATES OVERHEAD FEEDERS (FROM EXISTING DEMOLISHED PANEL) FOR RE-FEEDING OF EXISTING FEEDER BRANCHES. EXTEND EXISTING OUTGOING FEEDER TO JUNCTION BOXÉS AND CONNECT TO NEW BRANCH DEVICE IN REPLACEMENT PANEL.
- 11 CIRCUIT FIXTURE WITHIN SERVER ROOM OFF LOCAL LIGHTING CIRCUIT OF ELECTRICAL ROOM EXCEPT WITH DIFFERENT SWITCHING LEG.
- 12 INDICATES 120V POWER AND FIRE ALARM CONNECTIONS TO SMOKE/FIRE DAMPER WITH INTEGRAL SMOKE DETECTOR. ADD ONE TROUBLE SIGNAL TO FIRE ALARM PANEL FOR THE SUPERVISION OF 120V POWER CONNECTION. ALARM SIGNAL TO INTEGRAL SMOKE DETECTOR SHALL BE CONNECTED TO LOCAL SIGNALING ZONE. COORDINATE EXACT LOCATION/CONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR. SMOKE/FIRE DAMPER AND ASSOCIATED INTEGRAL SMOKE DETECTOR TO BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR. PROVIDE TWO MONITORING MODULES PER SMOKE/FIRE DAMPER ONE TO SUPERVISE 120V POWER SUPPLY CONNECTION TO THE DAMPER ACTUATOR, AND ONE FOR INTEGRAL SMOKE DETECTOR ALARM SIGNAL.
- 13 FEED INDICATED DEVICE USING SURFACE METAL RACEWAY EQUAL TO WIREMOLD SERIES 700.
- 14 REFER TO DISTRIBUTION RISER DIAGRAM FOR REPLACEMENT MAIN SWITCHBOARD.
- 15 INDICATES INCOMING SECONDARY DUCTS FROM EXTERIOR PADMOUNT TRANSFORMER. REFER TO SITE PLAN AND DISTRIBUTION RISER DIAGRAM FOR ADDITIONAL INFORMATION.





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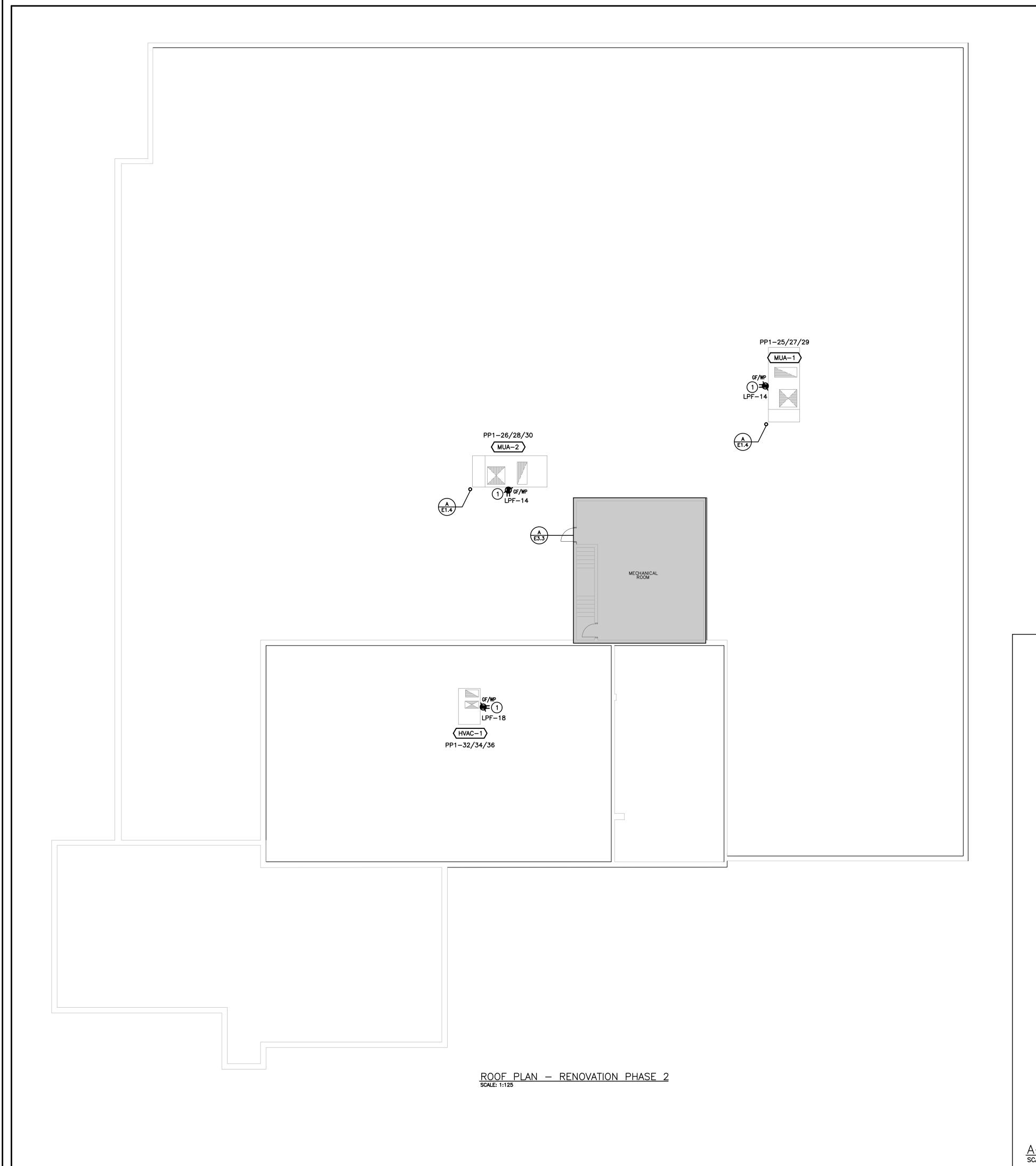
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GROUND FLOOR PLAN RENOVATION PHASE 2

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<u>GROUND FLOOR PLAN — RENOVATION PHASE 2</u> SCALE: 1:125



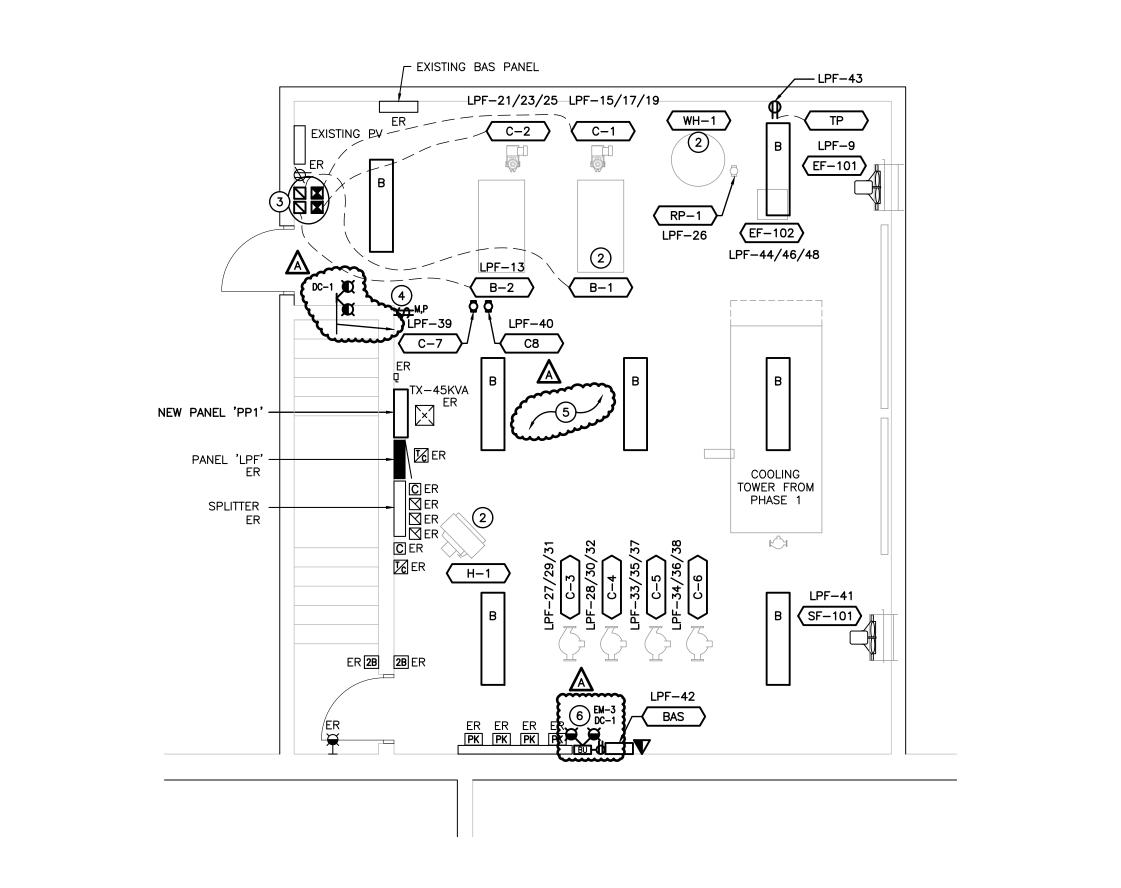
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- EXISTING ELECTRICAL EQUIPMENT NOT SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- MAINTAIN SERVICE TO ALL EXISTING DEVICES TO REMAIN.
- REVISE PANEL DIRECTORIES TO SUIT CHANGES (TYPED).

# SPECIFIC RENOVATION NOTES

- PROVIDE T-SLOT GROUND FAULT RECEPTACLE COMPLETE WITH "HEAVY DUTY IN-USE" WEATHER-PROOF COVER. COORDINATE PLACEMENT WITH MECHANICAL TRADE. INDICATED DEVICE IS TO BE MOUNTED ±36" (900mm) ABOVE FINISHED ROOF LEVEL.
- 2 RECONNECT EXISTING FEEDER MADE AVAILABLE DURING DEMOLITION TO REPLACEMENT MECHANICAL EQUIPMENT.
- 3 INDICATES MANUAL/COMBINATION STARTERS FOR BOILER AND BOILER PUMPS. MOUNT STARTERS AT 1800mm A.F.F.. PROVIDE LAMICOID LABEL INDICATING DEVICE CONTROLLED.
- 4 INDICATES PROPOSED LOCATION TO INSTALL MOTOR RATED SHUT—OFF SWITCHES C/W PILOT LIGHT FOR NEW BOILERS. MOUNT SWITCHES 1800mm A.F.F. PROVIDE LAMICOID LABEL NOTING EQUIPMENT CONTROLLED.
- LIGHTING WITHIN AREA TO BE CONNECTED TO EXISTING CIRCUIT AND CONTROLS MADE AVAILABLE DURING DEMOLITION.

CONNECT UNIT TO UNSWITCHED SIDE OF EXISTING LIGHTING CIRCUIT IN AREA WHICH UNIT SERVES.



A-MECHANICAL PENTHOUSE - RENOVATION PHASE 2 SCALE: 1:50



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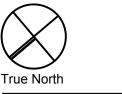
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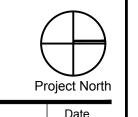
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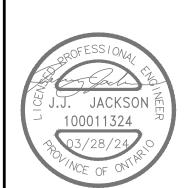
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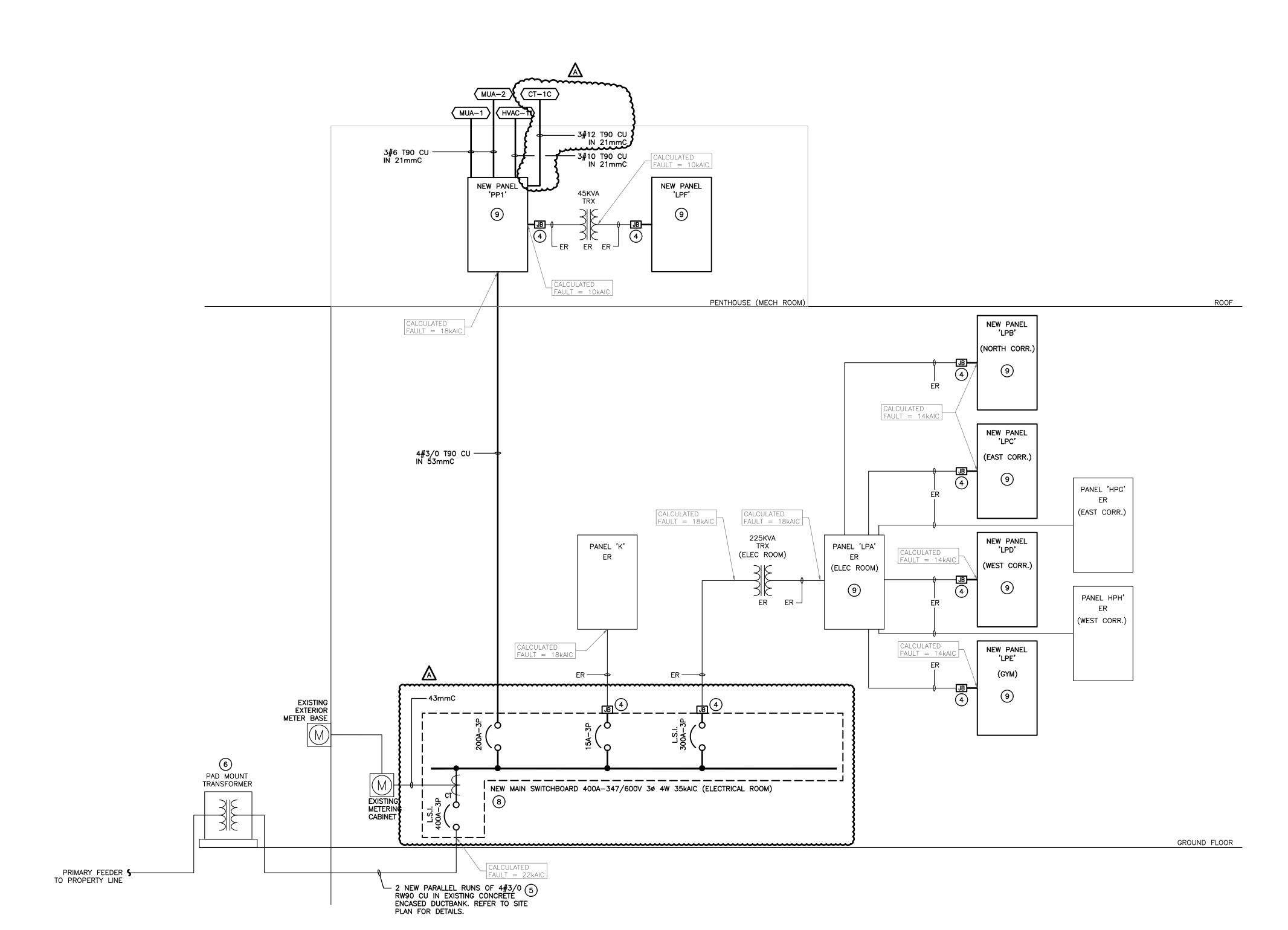
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ROOF PLAN **RENOVATION** PHASE 2

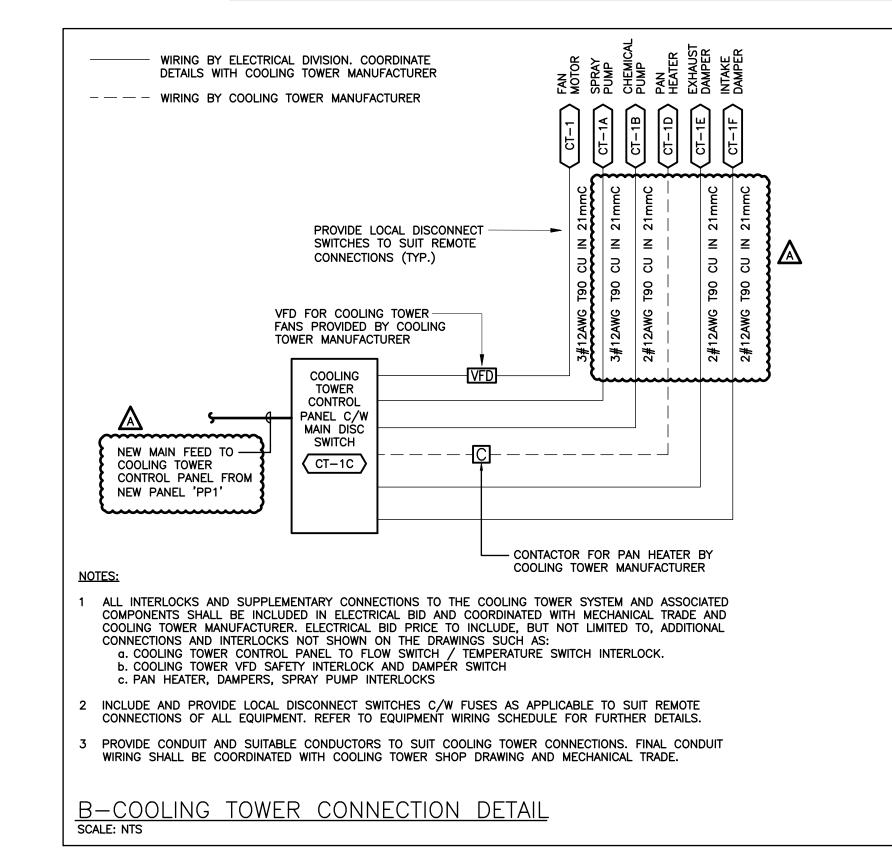
Checked by: MEK **E3.3** 2325



A-PARTIAL DISTRIBUTION RISER DIAGRAM

## **DISTRIBUTION RISER NOTES**

- 1 REFER TO SPECIFICATION FOR INFORMATION REGARDING MOULDED CASE CIRCUIT BREAKERS.
- 2 INSTALL GROUND WIRE TO SUIT THE ELECTRICAL SAFETY CODE IN ALL CONDUIT.
- 3 ALL LIGHTING CIRCUITS ARE TO BE PROVIDED WITH SEPARATE NEUTRALS. SIZE BRANCH CONDUITS ACCORDINGLY.
- 4 INDICATED JUNCTION BOX TO HOLD EXISTING FEEDERS AND BRANCH WIRING DURING DEMOLITION AND THEN SHALL BE RECONNECTED TO REPLACEMENT PANEL.
- 5 CONTRACTOR TO ENSURE ALL SECONDARY CABLES ARE OF EQUAL LENGTH. EXCESS CABLE FROM SHORTER DUCTS MAY BE COILED NEATLY IN UTILITY TRANSFORMER BASE. CONTRACTOR TO TEST RESISTANCE IS EQUAL BETWEEN ALL CABLES AS PER SPECIFICATIONS. CONNECTION OF SECONDARY CABLES AT TRANSFORMER SHALL BE DONE BY UTILITY.
- 6 INDICATES NEW TAMPERPROOF PADMOUNT TRANSFORMER PROVIDED BY UTILITY. NEW TRANSFORMER PLUS ALL WORK DONE BY UTILITY INCLUDED IN THIS CONTRACT AS PART OF CASH ALLOWANCE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- NOTE NOT USED.
- 8 NOTE NOT USED.
- 9 REFER TO PANEL SCHEDULE FOR ALL EXISTING CIRCUITS THAT REQUIRE RECONNECTION.



HALTON CATHOLIC SB DISTRICT SCHOOL BOARD

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Architects

**Snyder Architects Inc.** 100 Broadview Ave., Suite 301, Toronto, ON M4M 3H3

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Abatement Consultant Maple Environmental Inc. 428 South Service Road. East - Suite 116 Oakville, ON L6J-2X6 Tel: 905-257-4408

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Project North True North Date Issued for Coordination 2024-03-08 Issued for Coordination 2024-03-11 Issued for Bids & Building 2024-03-26 Issued for Addendum 2024-04-05

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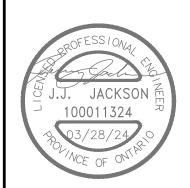
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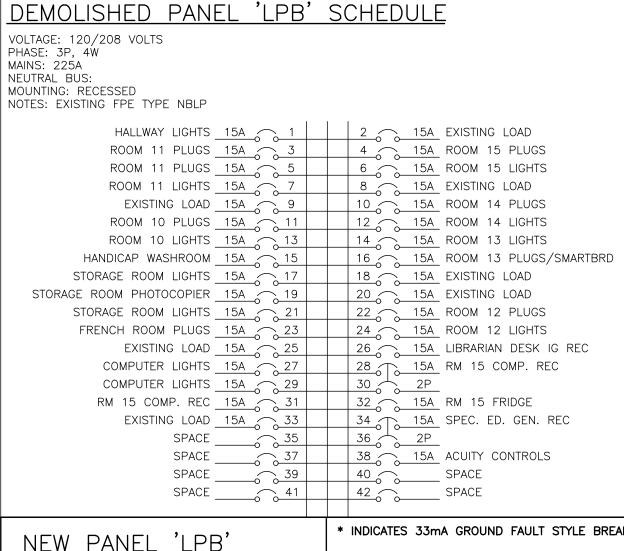
Do not scale this drawing.

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PARTIAL **DISTRIBUTION** RISER DIAGRAM

Scale: AS NOTED Drawn by: CP Checked by: MEK Job No. 2325 **E4.1** 



NEW PANEL 'LPB'
VOLTAGE: 120/208 VOLTS
PHASE: 3P, 4W
MAINS: 225A
NEUTRAL BUS: FULL
MOUNTING: RECESSED
NOTES:

THE UPSTREAM BREAKER.

\* 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.

HALLWAY LIGHTS	15A_	1		2	15A	EXISTING LOAD
ROOM 11 PLUGS		3		4	15A	ROOM 15 PLUGS
ROOM 11 PLUGS	15A	<u></u>		<u>6</u>	15A	ROOM 15 LIGHTS
ROOM 11 LIGHTS	15A	7		8	15A	EXISTING LOAD
EXISTING LOAD		~ <u>_</u> 9_	1		15A	ROOM 14 PLUGS
ROOM 10 PLUGS		<u>11</u>	1	2	15A	ROOM 14 LIGHTS
ROOM 10 LIGHTS	15A	<u>13</u>	1	4	15A	ROOM 13 LIGHTS
HANDICAP WASHROOM	15A	<u>15</u>	1	6	15A	ROOM 13 PLUGS/SMARTBR
STORAGE ROOM LIGHTS	15A	<u>17</u>	1	<u>18</u>	15A	EXISTING LOAD
STORAGE ROOM PHOTOCOPIER	15A	<u>്പ് 19</u>	2	20	15A	EXISTING LOAD
STORAGE ROOM LIGHTS	15A	21	2	22	15A	ROOM 12 PLUGS
FRENCH ROOM PLUGS	15A	23		24	15A	ROOM 12 LIGHTS
EXISTING LOAD	15A	25	2	<u>26</u>	15A	LIBRARIAN DESK IG REC
COMPUTER LIGHTS	15A	27	2	28 (1)	15A	RM 15 COMP. REC
COMPUTER LIGHTS	15A	<u></u>		30		
RM 15 COMP. REC	15A	<u>31</u>		32	15A	RM 15 FRIDGE
EXISTING LOAD	15A	33		34 (1)	15A	SPEC. ED. GEN. REC
NORTH CORRIDOR LTG	15A	<u>35</u>		36	2P	
FIRE/SMOKE DAMPERS	15A	<u>37</u>		38	15A	ACUITY CONTROLS
FIRE/SMOKE DAMPERS	15A	<u>39</u>	4	<u>10</u>	15A	SERVER ROOM REC
FIRE/SMOKE DAMPERS	15A	<u>41</u>	4	12	20A	SERVER ROOM REC
SPARE	15A	<u>43</u>	4	14	20A	SPARE
SPARE	15A	<u>45</u>	4	<u>16</u>	20A	SPARE
SPACE		<u>47</u>	4	<u>18</u>		SPACE
SPACE		<u>49</u>		<u>50</u>		SPACE
SPACE		<u>51</u>	5	52		SPACE
SPACE		53	5	54	<u> </u>	SPACE
SPACE		<u>55</u>		56	- 	SPACE
SPACE		<u>57</u>		58	- 	SPACE
SPACE		<u>59</u>		30 <u>C</u>	- 	SPACE
	·	-			-	

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

```
DEMOLISHED PANEL 'LPC' SCHEDULE
VOLTAGE: 120/208 VOLTS
PHASE: 3P, 4W
MAINS: 225A
NEUTRAL BUS:
MOUNTING: RECESSED
NOTES: EXISTING FPE TYPE NBLP
       STORAGE ROOM LIGHTS 15A 7 1 | 2 7 15A RM 4 LIGHTS
          WASHROOM LIGHTS 15A 3 4 15A ROOM 4 PLUGS WASHROOM LIGHTS 15A 5 6 15A ROOM 4 LIGHTS
          MOTORIZED VALVE 15A 7 8 15A ROOM 5 LIGHTS
           HALLWAY LIGHTS 15A 9 10 15A ROOM 5 PLUGS HALLWAY PLUGS 15A 11 12 15A ROOM 5 LIGHTS
           HALLWAY LIGHTS 15A 9 |
          BASEBOARD HEATER 15A 13
                                     14 15A ROOM 3 LIGHTS
                                    16 15A ROOM 3 PLUGS
                                    18 15A ROOM 3 LIGHTS
             STAGE LIGHTS 15A 17
                                     20 15A ROOM 1 PLUGS
        HAND DRYER BOYS WR 15A ___ 19
       HAND DRYER GIRLS WR 15A 21
                                     22 15A ROOM 1 LIGHTS
          RM 1 COMP. REC 15A 23
                                    15A ROOM 1 LIGHTS
                                     26 15A ROOM 2 REC
          RM 1 COMP. REC 15A 27
                                     28 15A ROOM 2 LIGHTS
                                     30 15A ROOM 2 LIGHTS
                                     32 15A EXISTING LOAD
                                     34 SPACE
                                               SPACE
                  SPACE 37 38
                                               SPACE
                  SPACE ______39
                                    40 SPACE
                  SPACE 41 42 SPACE
```

NEW PANEL 'LPC'

VOLTAGE: 120/208 VOLTS

PHASE: 3P, 4W

MAINS: 225A

NEUTRAL BUS: FULL

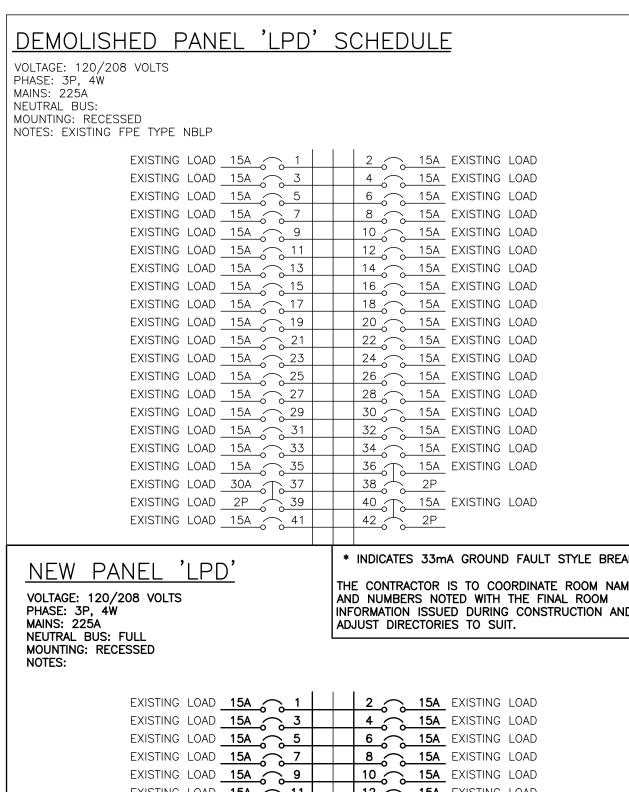
MOUNTING: RECESSED

NOTES:

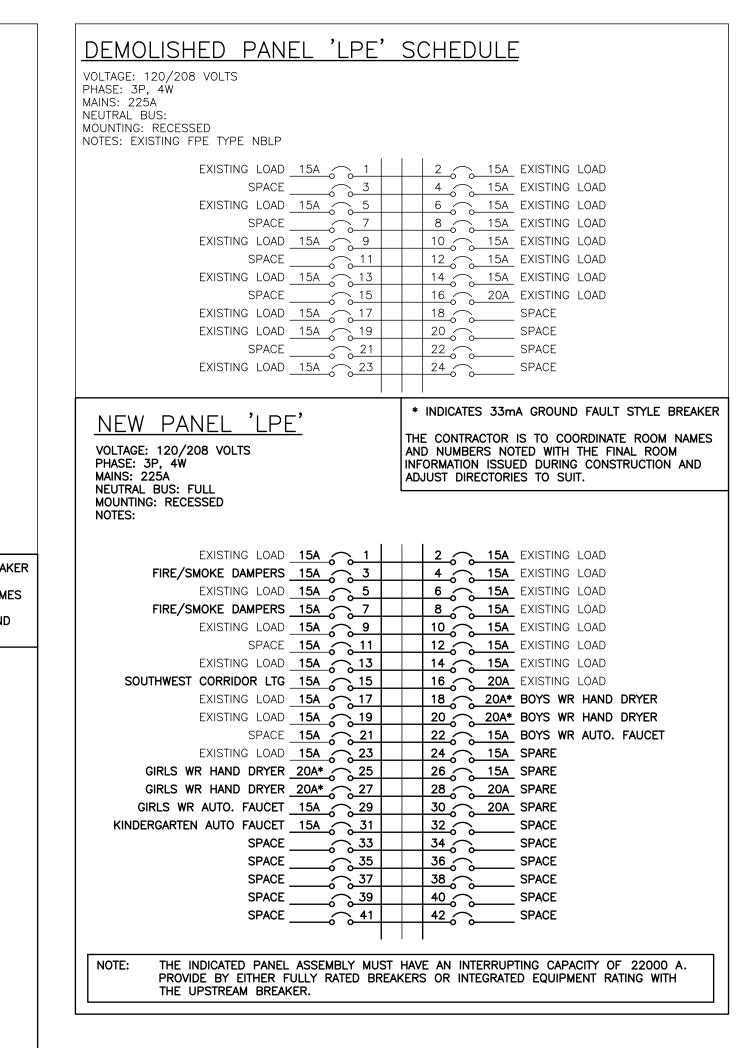
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THE CONTRACTOR IS TO COORDINATE ROOM NAMES
AND NUMBERS NOTED WITH THE FINAL ROOM
INFORMATION ISSUED DURING CONSTRUCTION AND
ADJUST DIRECTORIES TO SUIT.

CTODAGE BOOM HOUTE	454		۱ ، -	454	DM 4 LIGHTS
•	15A	$^{-1}$	<sup>2</sup>		RM 4 LIGHTS
WASHROOM LIGHTS .	15A	$\sim$ 3	4.00	15A	ROOM 4 PLUGS
WASHROOM LIGHTS	15A	$\sim$ 5	6	15A	ROOM 4 LIGHTS
MOTORIZED VALVE	15A	7	8	15A	ROOM 5 LIGHTS
HALLWAY LIGHTS	15A	9	10	15A	ROOM 5 PLUGS
HALLWAY PLUGS	15A	11	12	15A	ROOM 5 LIGHTS
BASEBOARD HEATER	15A	13	14	15A	ROOM 3 LIGHTS
	2P	15	16	15A	ROOM 3 PLUGS
STAGE LIGHTS	15A	17	18	15A	ROOM 3 LIGHTS
HAND DRYER BOYS WR	15A	(19	20	15A	ROOM 1 PLUGS
HAND DRYER GIRLS WR	15A	21	22	15A	ROOM 1 LIGHTS
RM 1 COMP. REC	15A	23	24	15A	ROOM 1 LIGHTS
•	2P	25	26	15A	ROOM 2 REC
RM 1 COMP. REC	15A	27	28	15A	ROOM 2 LIGHTS
•	2P	29	30	15A	ROOM 2 LIGHTS
EAST CORRIDOR LTG	15A	$\frac{31}{2}$	32		EXISTING LOAD
CENTRAL CORRIDOR LTG	15A	$\frac{33}{2}$	174		FIRE/SMOKE DAMPERS
02:1:::::::::::::::::::::::::::::::::::		^ ^ _	1 <del>24</del> 6 6	<u> </u>	2, 2, 2,
FIRE/SMOKE DAMPERS	15A			15A	FIRE/SMOKE DAMPERS
FIRE/SMOKE DAMPERS	15A 15A	35	36		FIRE/SMOKE DAMPERS SPARE
SPARE	15A	37	36	20A	SPARE
SPARE SPARE		37 39	36 38 40	20A	SPARE SPARE
SPARE SPARE SPACE	15A	37 39 41	36 0 38 0 40 0 42 0	20A	SPARE SPARE SPACE
SPARE SPARE SPACE SPACE	15A	37 39 41 43	36 0 38 0 40 0 42 0 44 0	20A	SPARE SPACE SPACE
SPARE SPARE SPACE SPACE SPACE	15A	37 39 41 43 45	36 0 38 0 40 0 42 0 44 0 46 0	20A	SPARE SPACE SPACE SPACE SPACE
SPARE SPACE SPACE SPACE SPACE SPACE SPACE	15A	37 39 41 43 45 45	36 ( ) 38 ( ) 40 ( ) 42 ( ) 44 ( ) 46 ( )	20A	SPARE SPACE SPACE SPACE SPACE SPACE
SPARE SPARE SPACE SPACE SPACE SPACE SPACE SPACE	15A	37 39 41 43 45 47 49	36 ( ) 38 ( ) 40 ( ) 42 ( ) 44 ( ) 46 ( ) 50 ( )	20A	SPARE SPACE SPACE SPACE SPACE SPACE SPACE SPACE
SPARE SPARE SPACE SPACE SPACE SPACE SPACE SPACE SPACE SPACE	15A	37 39 41 43 45 47 49 51	36 ( ) 38 ( ) 40 ( ) 44 ( ) 46 ( ) 50 ( ) 52 ( )	20A	SPARE SPACE SPACE SPACE SPACE SPACE SPACE SPACE SPACE SPACE
SPARE SPARE SPACE	15A	37 39 41 43 45 47 49 51 53	36 ( ) 40 ( ) 42 ( ) 46 ( ) 50 ( ) 52 ( )	20A	SPARE SPACE
SPARE SPARE SPACE	15A	37 39 41 43 45 47 49 51 55 55	36 ( ) 40 ( ) 42 ( ) 44 ( ) 46 ( ) 50 ( ) 54 ( ) 56 ( )	20A	SPARE SPARE SPACE
SPARE SPARE SPACE	15A	37 39 41 43 45 47 49 51 55 55 57	36 ( ) 40 ( ) 42 ( ) 46 ( ) 50 ( ) 52 ( )	20A	SPARE SPACE
SPARE SPARE SPACE	15A	37 39 41 43 45 47 49 51 55 55	36 ( ) 40 ( ) 42 ( ) 44 ( ) 46 ( ) 50 ( ) 54 ( ) 56 ( )	20A	SPARE SPARE SPACE

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.



\* INDICATES 33mA GROUND FAULT STYLE BREAKER THE CONTRACTOR IS TO COORDINATE ROOM NAMES INFORMATION ISSUED DURING CONSTRUCTION AND EXISTING LOAD 15A 11 12 15A EXISTING LOAD EXISTING LOAD 15A 13 14 15A EXISTING LOAD EXISTING LOAD 15A 15 16 15A EXISTING LOAD EXISTING LOAD 15A 17 18 15A EXISTING LOAD EXISTING LOAD 15A 20 15A EXISTING LOAD EXISTING LOAD 15A 21 22 15A EXISTING LOAD EXISTING LOAD 15A 23 24 15A EXISTING LOAD EXISTING LOAD 15A 25 | 26 15A EXISTING LOAD EXISTING LOAD 15A 27 28 15A EXISTING LOAD EXISTING LOAD 15A 29 30 15A EXISTING LOAD EXISTING LOAD 15A 31 32 15A EXISTING LOAD EXISTING LOAD 15A 33 34 15A EXISTING LOAD EXISTING LOAD 15A 35 15A EXISTING LOAD EXISTING LOAD 30A 37 38 2P EXISTING LOAD 2P 39 40 15A EXISTING LOAD EXISTING LOAD 15A 41 42 2P 44 15A NORTH WEST CORRIDOR LTG UNIV. WR HAND DRYER 20A\* 43 FIRE/SMOKE DAMPERS 15A 45 46 20A UNIV. WR CHANGE TABLE REC 48 15A UNIV. WR FUTURE LIFT REC UNIV. WR DOOR OPERATOR 15A 47 5A 49 50 20A 
 SPARE
 15A
 51
 52
 20A
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 SPACE \_\_\_\_\_\_ 53 | 54 \_\_\_\_\_ SPACE SPACE 55 56 SPACE SPACE \_\_\_\_\_\_ 57 | 58 \_\_\_\_\_ SPACE SPACE 59 60 SPACE 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.





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THIS WORK FOR THIS PROJECT SHALL BE

ARCHITECTURAL DRAWINGS FOR PHASING

Revisions

Issued for Coordination

Issued for Coordination

Issued for Bids & Building

Issued for Addendum

MISINTERPRETATION OF THE DRAWINGS WITH

RESPECT TO THE EXTENT OF THE PHASING OF

Project North

Date

2024-03-08

2024-03-11

2024-03-26

2024-04-05

CONSTRUCTED IN PHASES. REFER TO

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INFORMATION AND DETAILS.

True North

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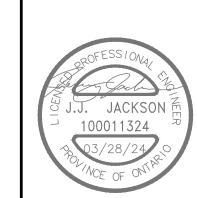
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Drawing Title:
PANEL SCHEDULES

Scale: AS NOTED	Date:
Drawn by: <b>CP</b>	Checked by: MEK
Job No. <b>2325</b>	Drawing No. <b>E4.2</b>

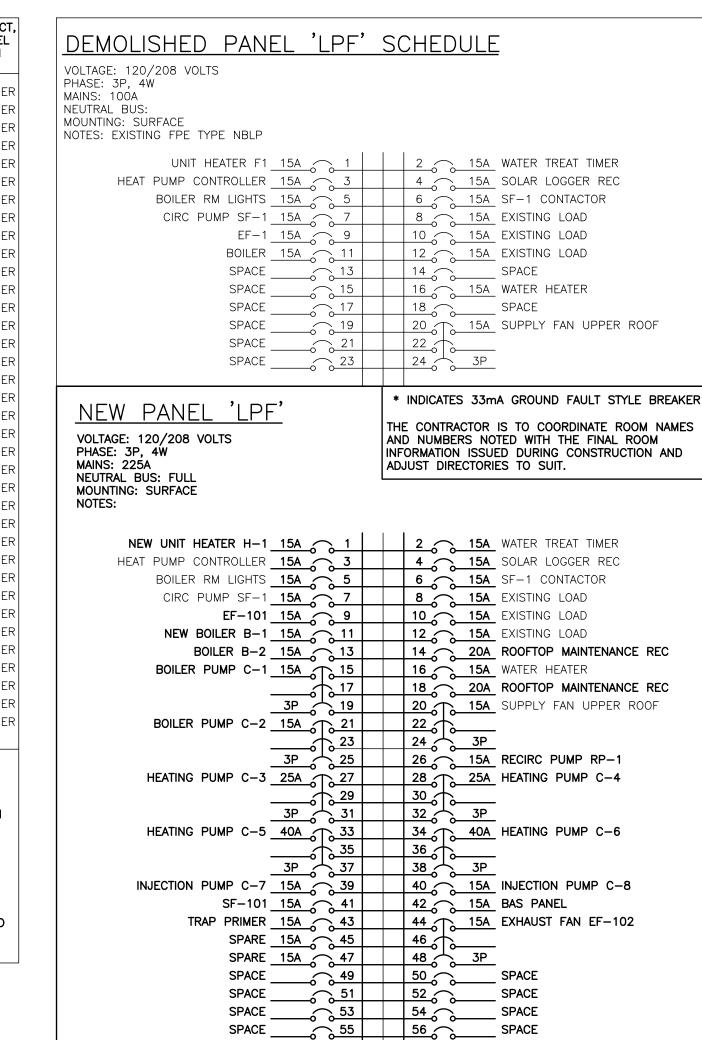
<u>E</u> )	XISTING PANEL 'LE	PA' SCHE	DUL	<u>.E</u>	PRO DIRE	THE COMPLETION OF THE PRO- MIDE A NEW TYPE WRITTEN PA ECTORY AND INCLUDE A COPY MAINTENANCE MANUALS	NEL
ER	PANEL 'HPG'	150A 1		2	150A	PANEL 'LPD'	ER
ER		3		4			ER
ER		3P 5		6	3P		ER
ER	PANEL 'HPH'	150A 7		8		SPACE	ER
ER		9		10		SPACE	ER
ER		3P 11		12		SPACE	ER
ER	PANEL 'LPC'	100A 13		14	100A	PANEL 'LPB'	ER
ER		15		16			ER
ER		3P 17		18	3P		ER
ER	EXISTING LOAD	15A19			20A	EXISTING LOAD	ER
ER	EXISTING LOAD	15A 21		22			ER
ER	EXISTING LOAD	15A 23		24	3P		ER
ER	PANEL 'J'	100A 25			15A	EXISTING LOAD	ER
ER		27		28			ER
ER		3P 29		30	3P		ER
ER	ELEC ROOM LIGHTING	15A 31		32	15A	EXISTING LOAD	ER
ER	ELEC ROOM EXH. FAN	15A 33		34	15A	EXISTING LOAD	ER
ER	BAS PDO	15A 35		36	15A	EXISTING LOAD	ER
ER	EXISTING LOAD	15A 37		38	50A	PANEL 'LPE'	ER
ER	EXISTING LOAD	15A 39		40			ER
ER	TIMER FOR HP NTG SETBACK	15A 41		42	3P		ER
ER	OUTSIDE LIGHTING	15A 43		44		SPACE	ER
ER	SPACE	45		46		SPACE	ER
ER	SPACE	47		48		SPACE	ER
ER	SPACE	49			300A	OFF	ER
ER	SPACE	51		52			ER
ER	SPACE	53		54			ER
ER	SPACE	55		56			ER
ER	SPACE	57		58			ER
ER	SPACE			60	3P		ER
ER	SPACE			62		SPACE	ER
ER	SPACE	63		64		SPACE	ER
ER	SPACE	65		66		SPACE	ER
ER	SPACE	67		68		SPACE	ER
ER	SPACE	69		70		SPACE	ER
ER	SPACE	71		72		SPACE	ER
		5 0					

## DESIGNATION

'ER' INDICATES EXISTING SERVICE AND BREAKER THAT SHOULD REMAIN UNTOUCHED 'SP' INDICATES EXISTING BREAKER THAT MAY BECOME SPARE DUE TO DEMOLITION. (CONFIRM ON SITE) 'RW' INDICATES EXISTING BREAKER THAT SHOULD BE REWIRED TO SERVICE DEVICES INDICATED ON PLAN 'SB' INDICATES SPARE BREAKER TO BE USED FOR NEW SERVICE INDICATED.
'NB' INDICATES NEW BREAKER AND WIRING TO SERVICE INDICATED. PROVIDE MOUNTING HARDWARE AS REQUIRED.

'D' INDICATES EXISTING BREAKER TO BE REMOVED COMPLETE. PROVIDE FILLER PLATES AS REQUIRED.

NOTES: THIS CONTRACTOR IS TO INVESTIGATE BREAKERS AND REVISE PANEL SCHEDULES TO SUIT RENOVATION, NOTING ANY BREAKERS THAT BECOME SPARE DUE TO DEMOLITION. THIS CONTRACTOR IS ALSO TO NOTIFY THE CONSULTANT OF ANY BREAKERS THAT ARE INDICATED TO BE DEMOLISHED OR REUSED, BUT WHICH ARE IN USE BY OTHER DEVICES OR SERVICES.

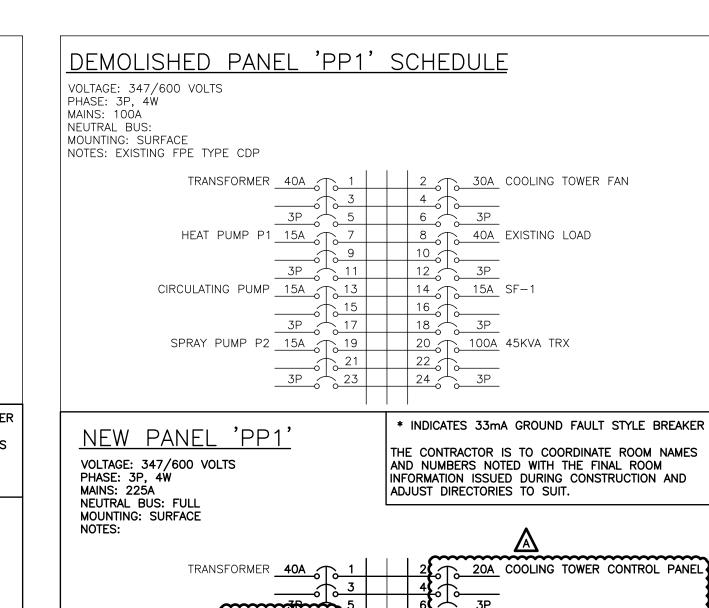


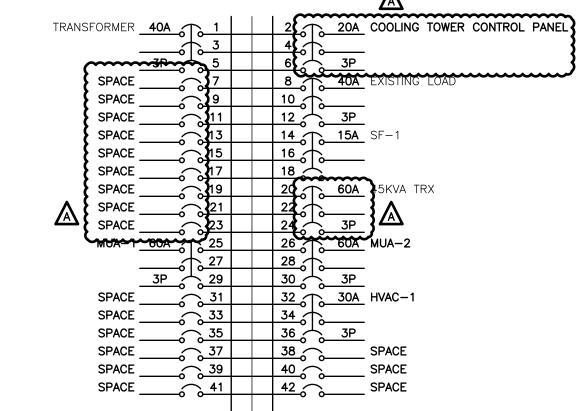
 SPACE
 57
 58
 SPACE

 SPACE
 59
 60
 SPACE

THE UPSTREAM BREAKER.

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





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Consultants

55 Northland Road, Waterloo, ON, NaV av8 Phone: 519-735-3555 Website: delassociates.ca Project Number: 23287

Consulting Engineers 17

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2024-03-11
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Permit

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2024-04-05

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PANEL SCHEDULES

Scale: AS NOTED	Date:
Drawn by: <b>CP</b>	Checked by: MEK
Job No.	Drawing No.
2325	<b>E4.3</b>