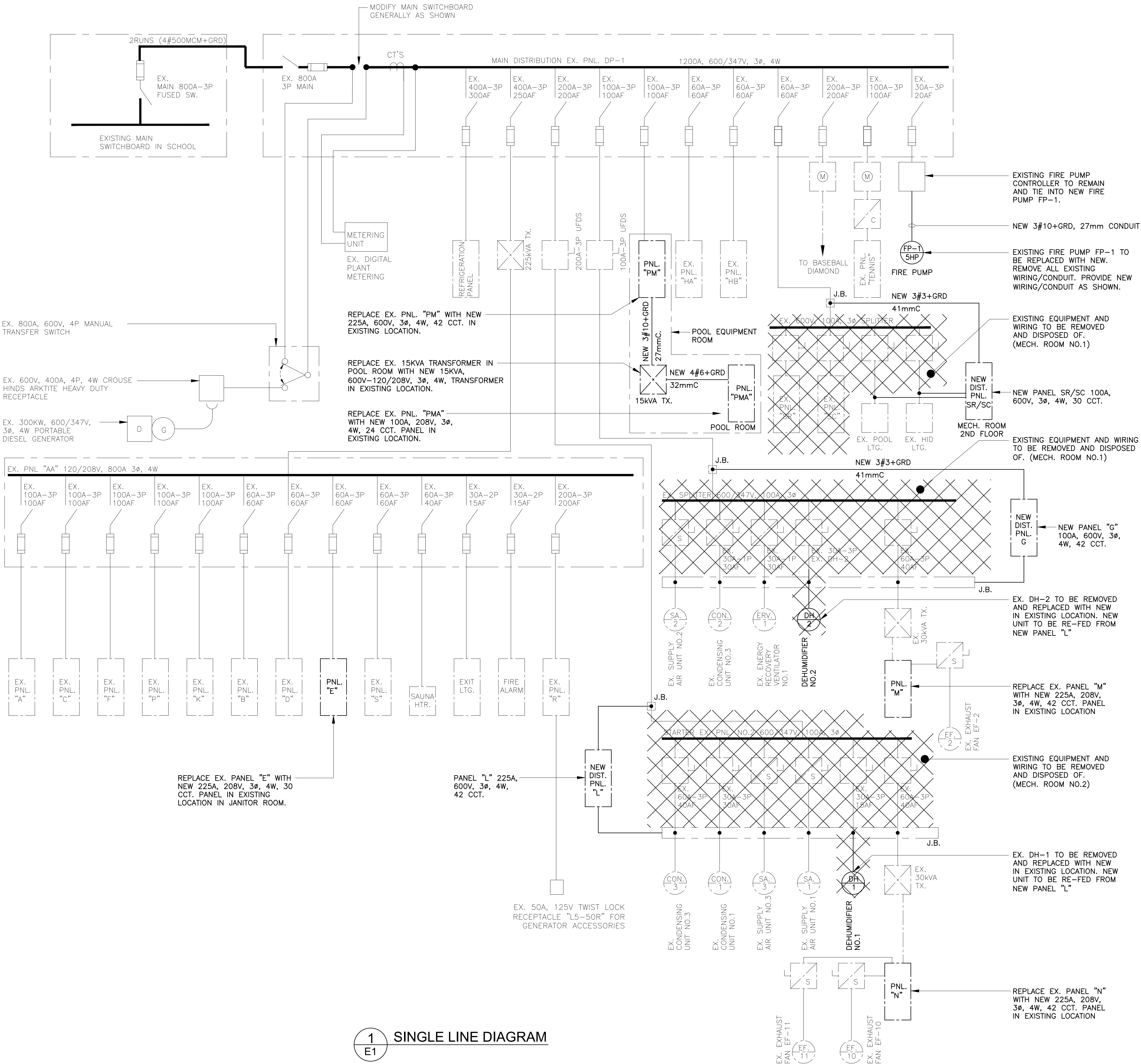


LEGEND

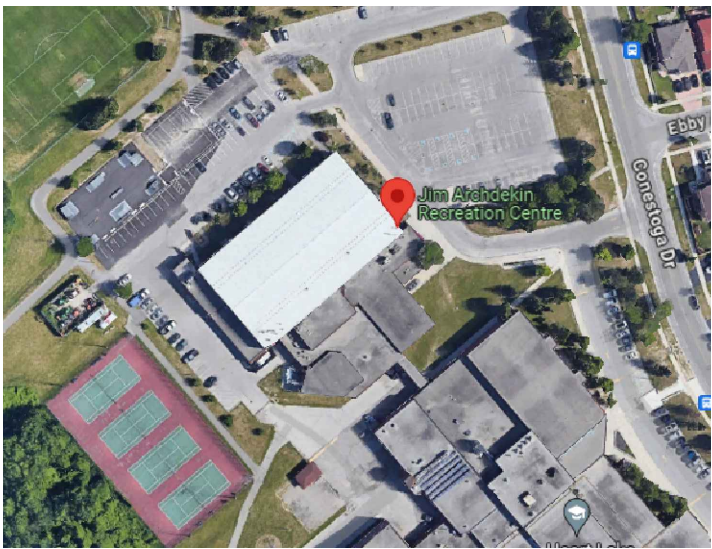
- 
- COMBINATION MOTOR STARTER.
- 
- NON FUSED DISCONNECT SWITCH 3 POLE EEMAC 1 ENCLOSURE; WHERE REQUIRED TO WEATHERPROOF, PROVIDE CSA TYPE '3R' ENCLOSURE.
- 
- FUSED DISCONNECT SWITCH 3 POLE EEMAC 1 ENCLOSURE; WHERE REQUIRED TO WEATHERPROOF, PROVIDE CSA TYPE '3' ENCLOSURE.
- 
- SINGLE PHASE DISCONNECT SWITCH.
- 
- 120V DIRECT CONNECTION FOR USE AS NOTED.
- 
- 600 OR 208V, 1Ø DIRECT CONNECTION FOR USE AS NOTED.
- 
- 600 OR 208V 3Ø, DIRECT CONNECTION FOR USE AS NOTED.
- 
- 600V 3Ø MOTOR FOR USE AS NOTED:
EF - EXHAUST FAN
DH - DEHUMIDIFIER
JCP - JACKET COOL PUMP
CP - COOL PUMP
FP - FIRE PUMP
- 
- JUNCTION BOX.
- 
- ELECTRICAL EQUIPMENT AS NOTED
- 
- LIGHTNING ARRESTER.
- 
- FUSE.
- 
- SWITCH 3 POLE UNLESS OTHERWISE INDICATED.
- 
- CURRENT TRANSFORMER.
- 
- HYDRO METER
- 
- TRANSIENT VOLTAGE SURGE SUPPRESSION.
- 
- EQUIPMENT OUTLINE.

ABBREVIATIONS

- RGS
- RIGID GALVANIZED STEEL CONDUIT
- C/W
- COMPLETE WITH
- Ø
- PHASE
- DIA.
- DIAMETER
- TYP.
- TYPICAL
- AWG.
- AMERICAN WIRE GAUGE
- JB
- JUNCTION BOX
- UP
- CONDUIT TURNING UP
- DN
- CONDUIT TURNING DOWN
- EX
- EXISTING ELECTRICAL EQUIPMENT TO REMAIN
- R
- EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED
- W/P
- WEATHERPROOF
- GFI
- GROUND FAULT INTERRUPTER
- CCT
- CIRCUIT
- AFF
- ABOVE FINISHED FLOOR
- JB
- JUNCTION BOX



1 SINGLE LINE DIAGRAM



KEY PLAN
SCALE: NONE

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2902 SOUTH SHERIDAN WAY
SUITE 300
OAKVILLE ON L6J 7L6
T: (905)274-7556
F: (905)274-5382
E: info@moon-matz.com
W: www.moon-matz.com

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NORTH ARROW

ENG. SEAL

PROFESSIONAL ENGINEER
8950
T. BAHTA
12/16/24
PROVINCE OF ONTARIO

2 03/31/20 ISSUED FOR TENDER V.L. C.M.
1 10/01/24 ISSUED FOR PERMIT N.V. C.M.

REV	DATE	DESCRIPTION	BY	CHKD

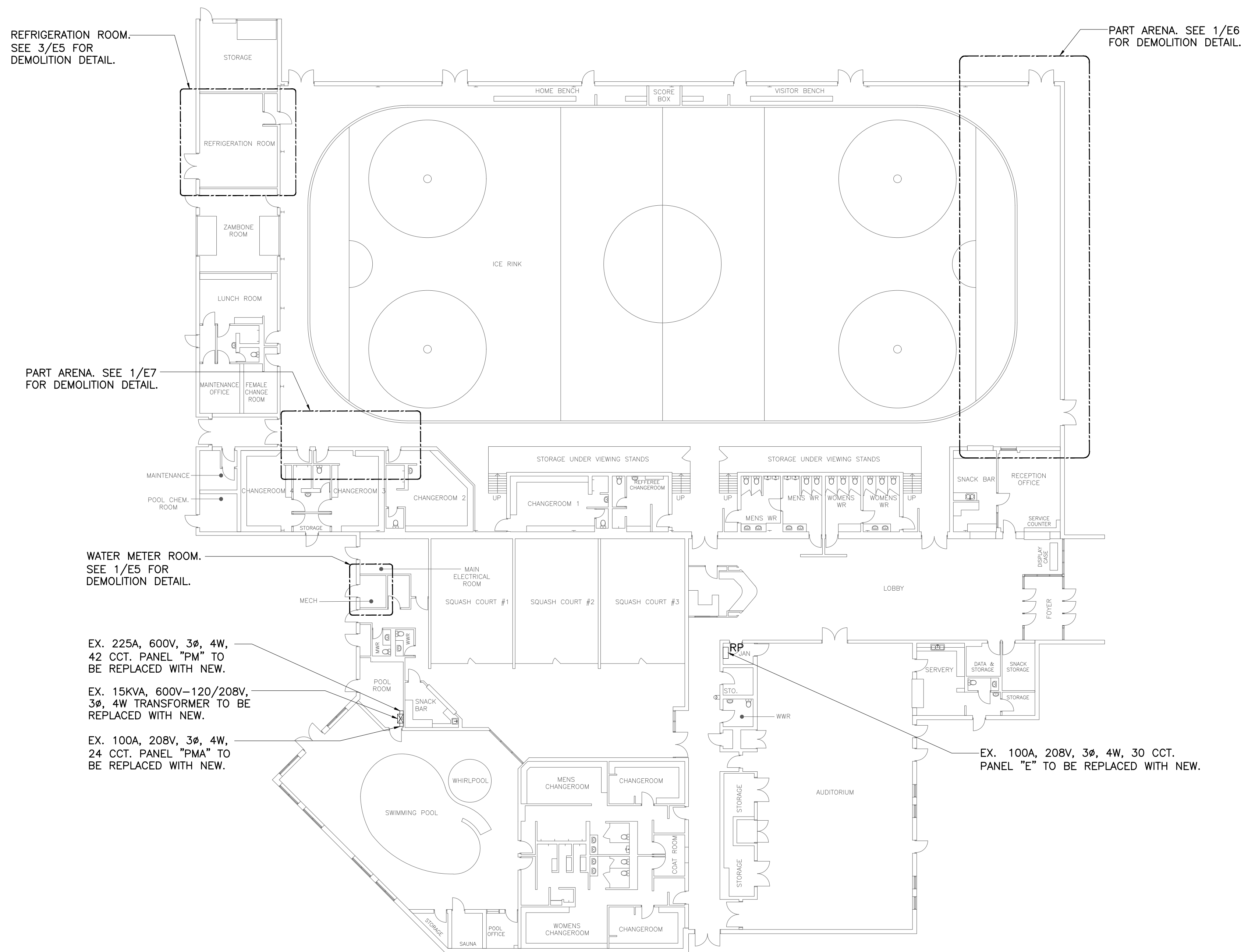
ELECTRICAL LEGEND, SINGLE LINE DIAGRAM, ABBREVIATIONS, AND NOTES

TITLE: JIM ARCHDEKIN RECREATION CENTRE MECHANICAL AND ELECTRICAL UPGRADES

292 Conestoga Dr., Brampton, ON L6Z 3M1

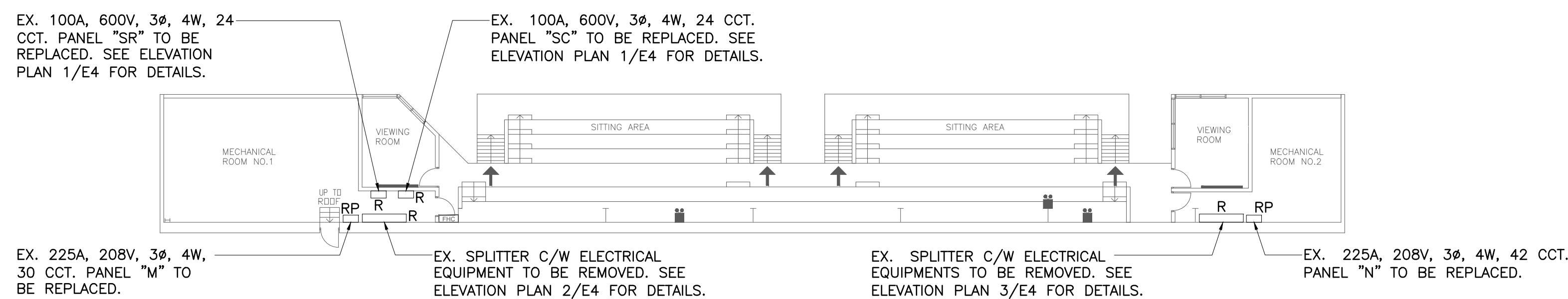
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CONTRACT No. DWG No. E1 REV 1



1
E2 GROUND FLOOR PLAN - DEMOLITION
SCALE: 1:200

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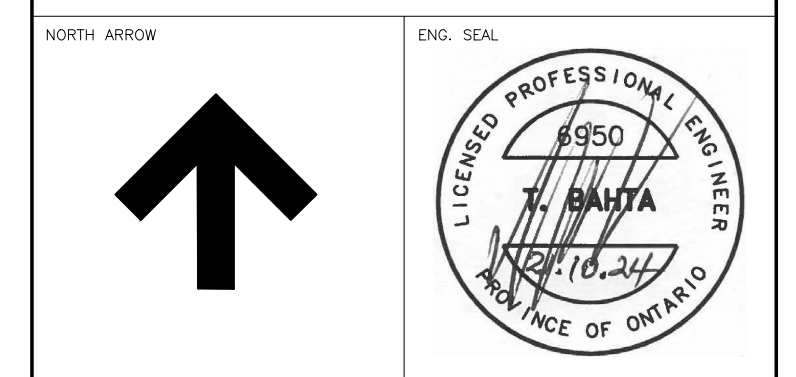


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E2 MEZZANINE PLAN - DEMOLITION
SCALE: 1:200

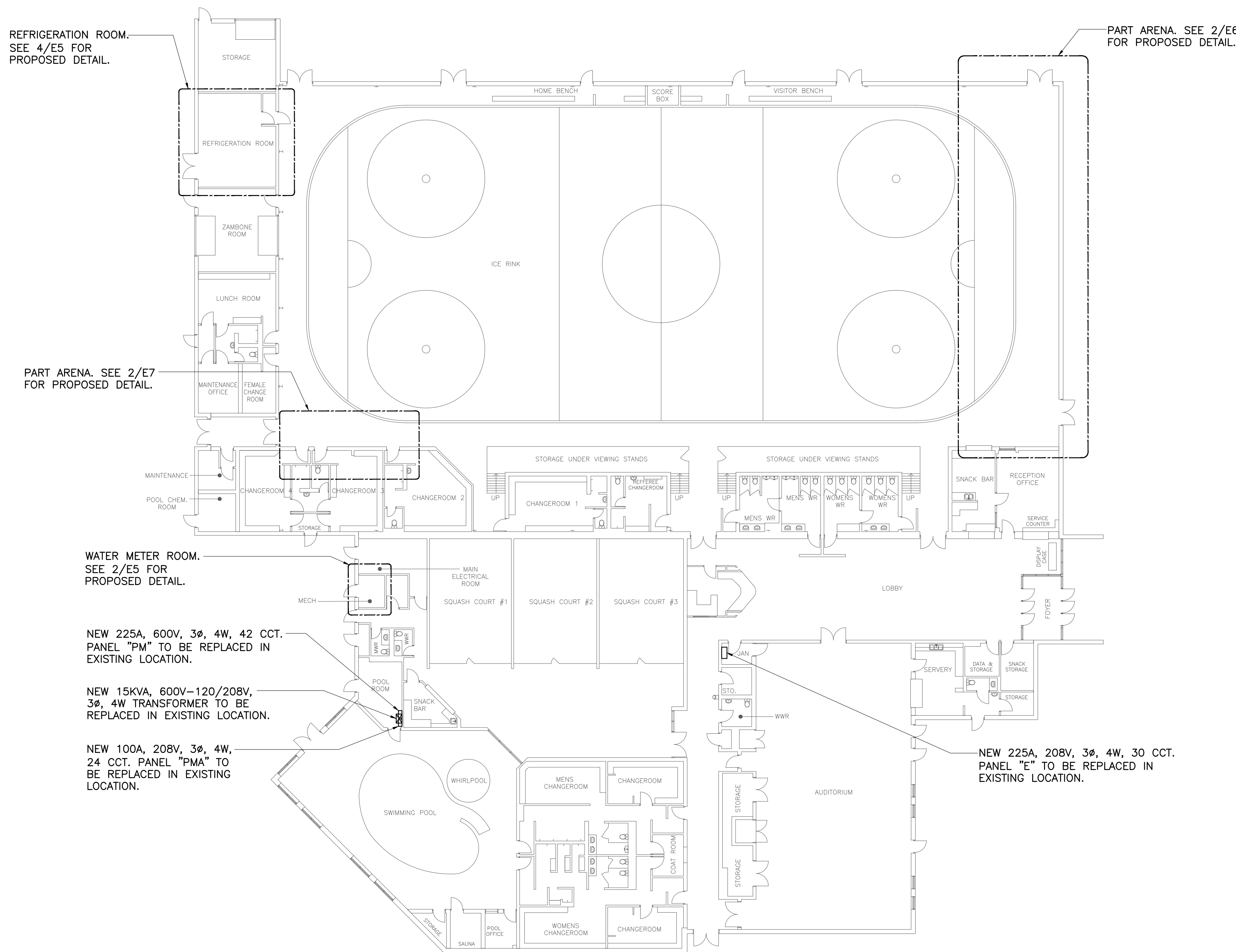
2m 0 4m 8m #M200

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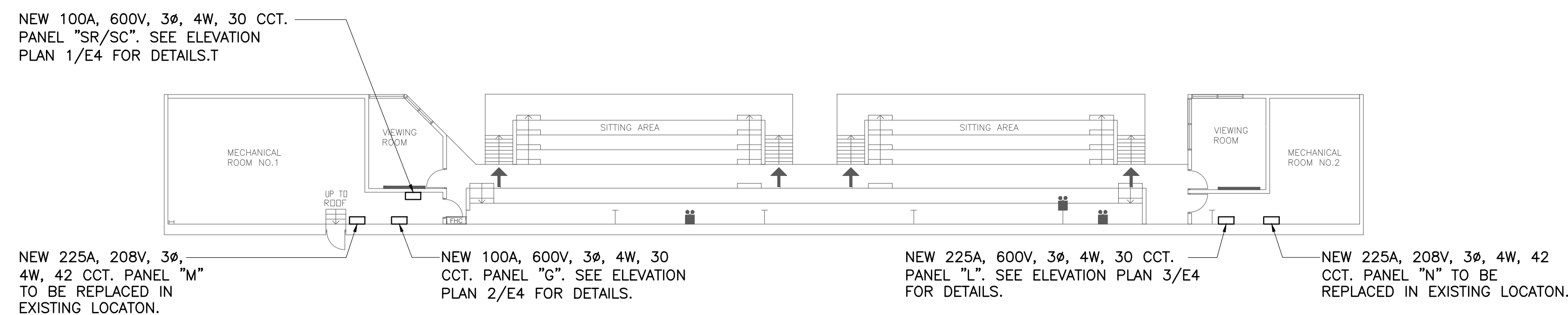


2	03/31/20	ISSUED FOR TENDER	V.L. C.M.
1	10/01/24	ISSUED FOR PERMIT	N.V. C.M.
REV	DATE	DESCRIPTION	BY
ELECTRICAL DEMOLITION PLANS			
TITLE: JIM ARCHDEKIN RECREATION CENTRE MECHANICAL AND ELECTRICAL UPGRADES			
292 Conestoga Dr., Brampton, ON L6Z 3M1			
SCALE: NONE	DRAWN BY: N.V.	CHECKED BY: T.B.	APPROVED BY: T.B.
	DATE: 09/20/24	DATE: 09/20/24	DATE: 09/20/24
CONTRACT No.	DWG No.	E2	REV 1



1 GROUND FLOOR PLAN - PROPOSED
E3 SCALE: 1:200

2m 0 4m 8m #M200

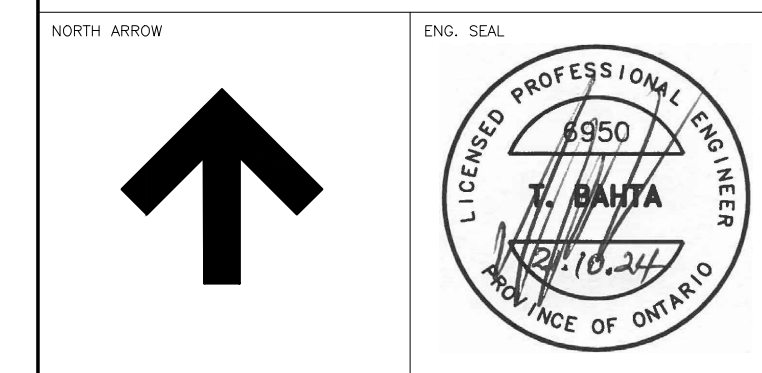


2 MEZZANINE PLAN - PROPOSED
E3 SCALE: 1:200

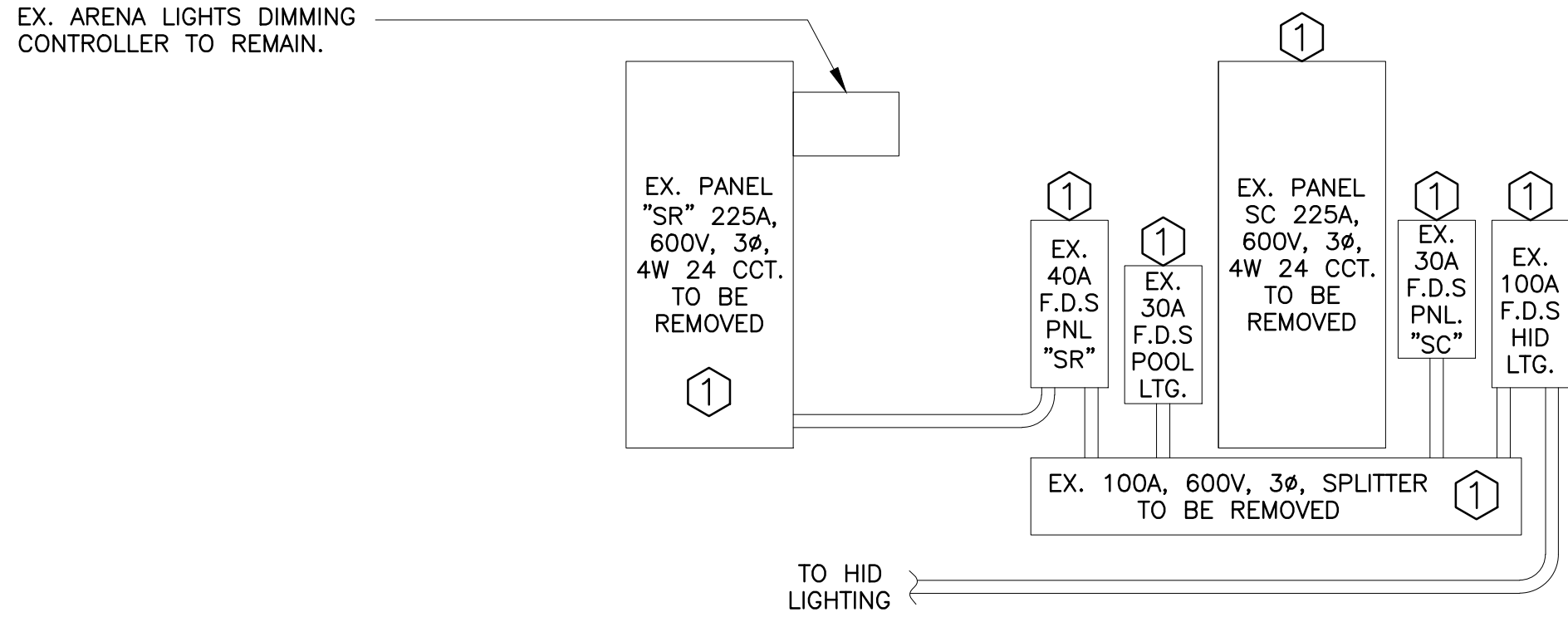
2m 0 4m 8m #M200

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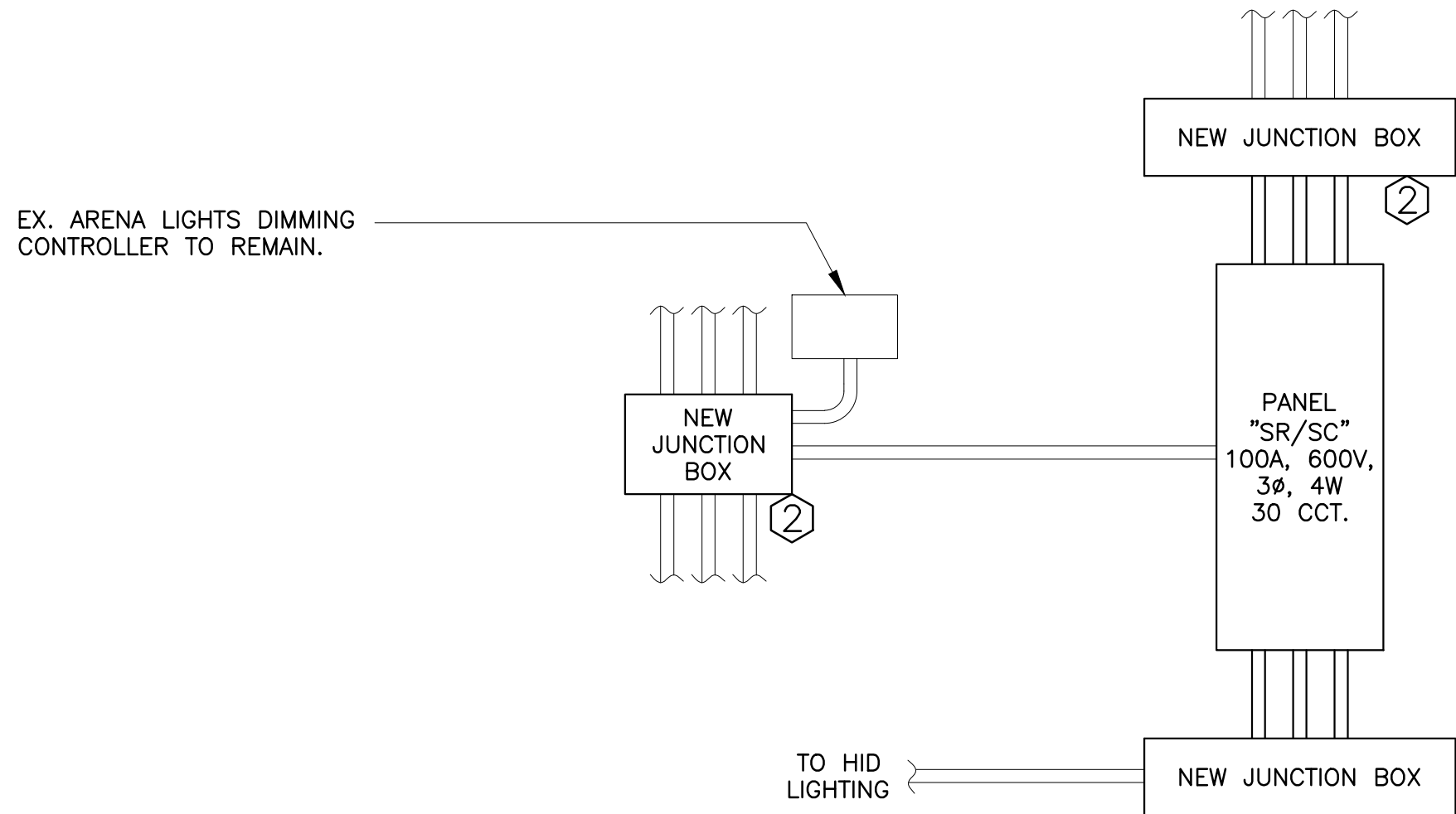
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1	10/01/24	ISSUED FOR PERMIT	N.V. C.M.
REV	DATE	DESCRIPTION	BY
ELECTRICAL PROPOSED PLANS			
TITLE: JIM ARCHDEKIN RECREATION CENTRE MECHANICAL AND ELECTRICAL UPGRADES			
292 Conestoga Dr., Brampton, ON L6Z 3M1			
SCALE: NONE	DRAWN BY: N.V.	DATE: 09/20/24	APPROVED: T.B.
CONTRACT No.	DATE: 09/20/24	DWG No. E3	REV 1

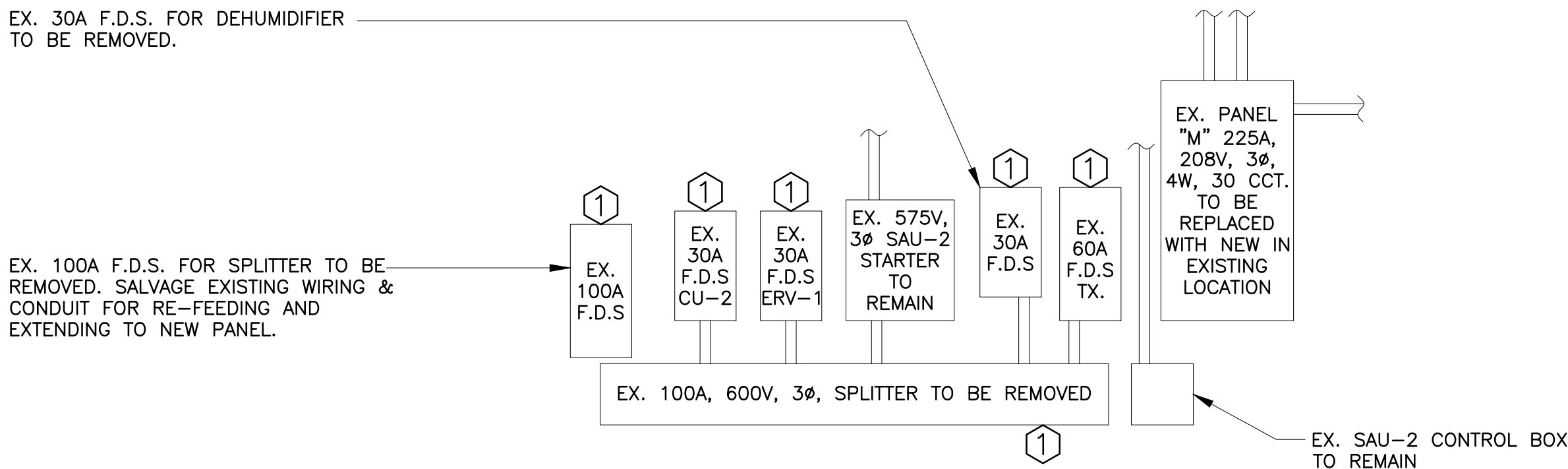


DEMOLITION PLAN

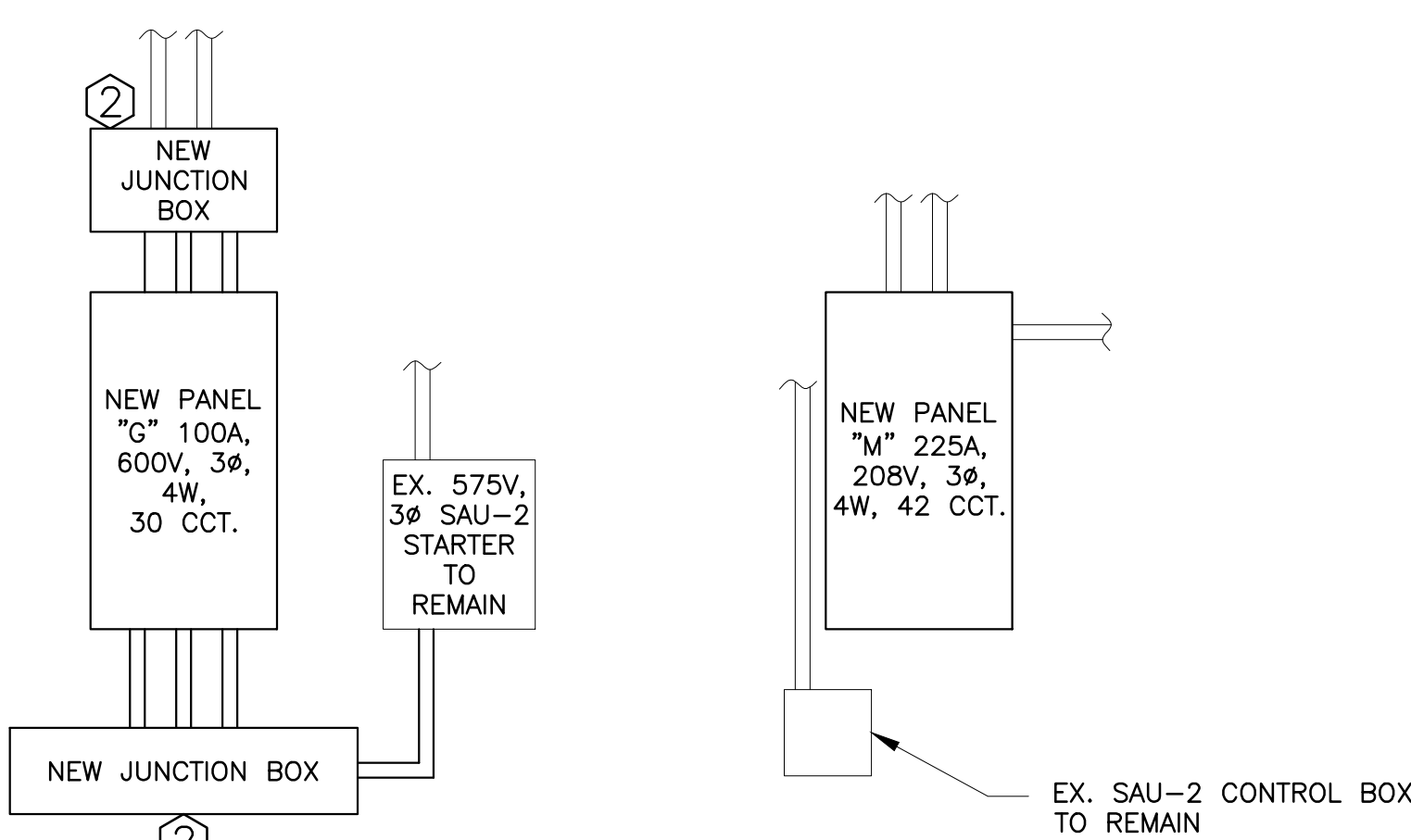


PROPOSED PLAN

1
E4 **ELEVATION PLAN - MECHANICAL ROOM NO.1**
SCALE: N.T.S

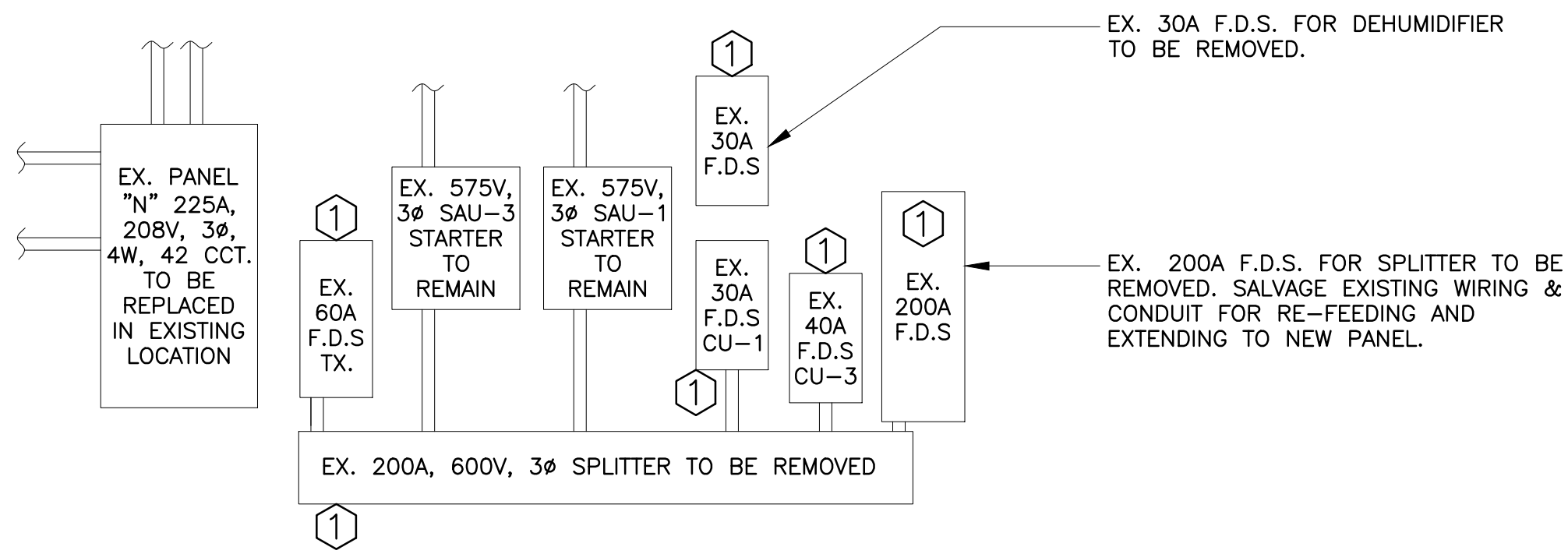


DEMOLITION PLAN

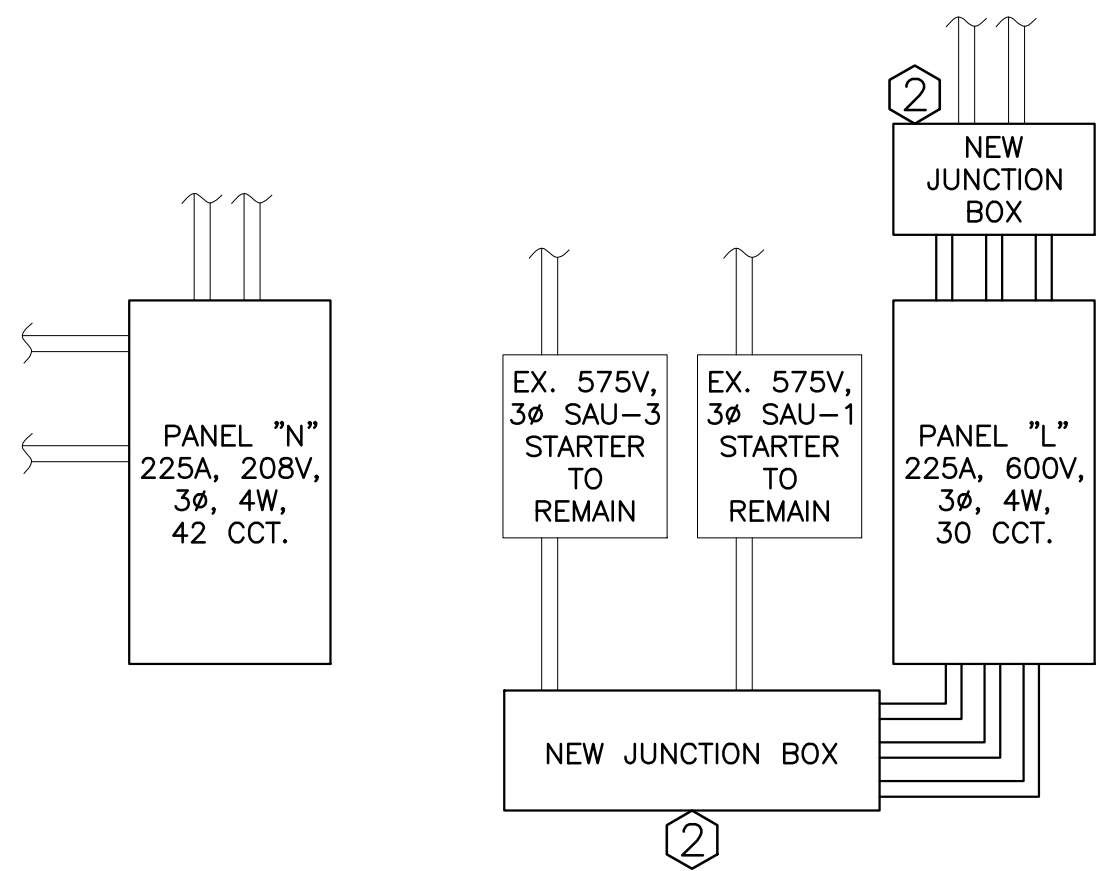


PROPOSED PLAN

2
E4 **ELEVATION PLAN - MECHANICAL ROOM NO.1**
SCALE: N.T.S



DEMOLITION PLAN



PROPOSED PLAN

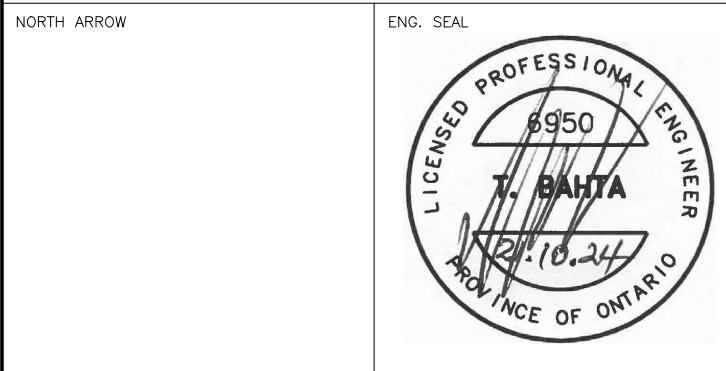
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E4 **ELEVATION PLAN - MECHANICAL ROOM NO.2**
SCALE: N.T.S

NOTES:

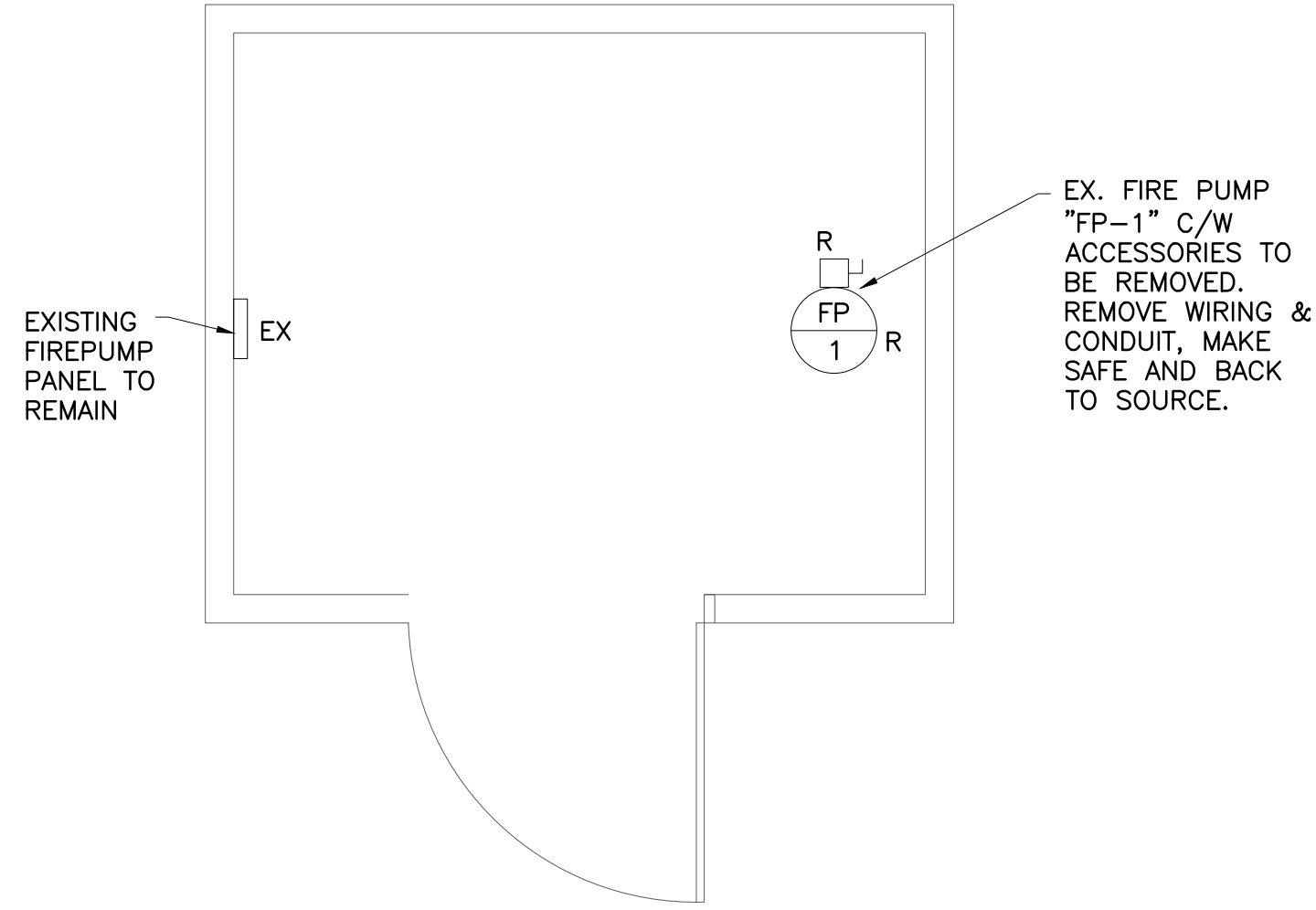
1. EXISTING ITEMS TO BE REMOVED AND TRANSFERRED TO NEW DISTRIBUTION PANEL
2. INTERCEPT EXISTING FEEDER CONDUITS AND WIRING. SPLICE/EXTEND TO NEW PANEL (TYP.)

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SUITE 300
OAKVILLE ON L6J 7L6
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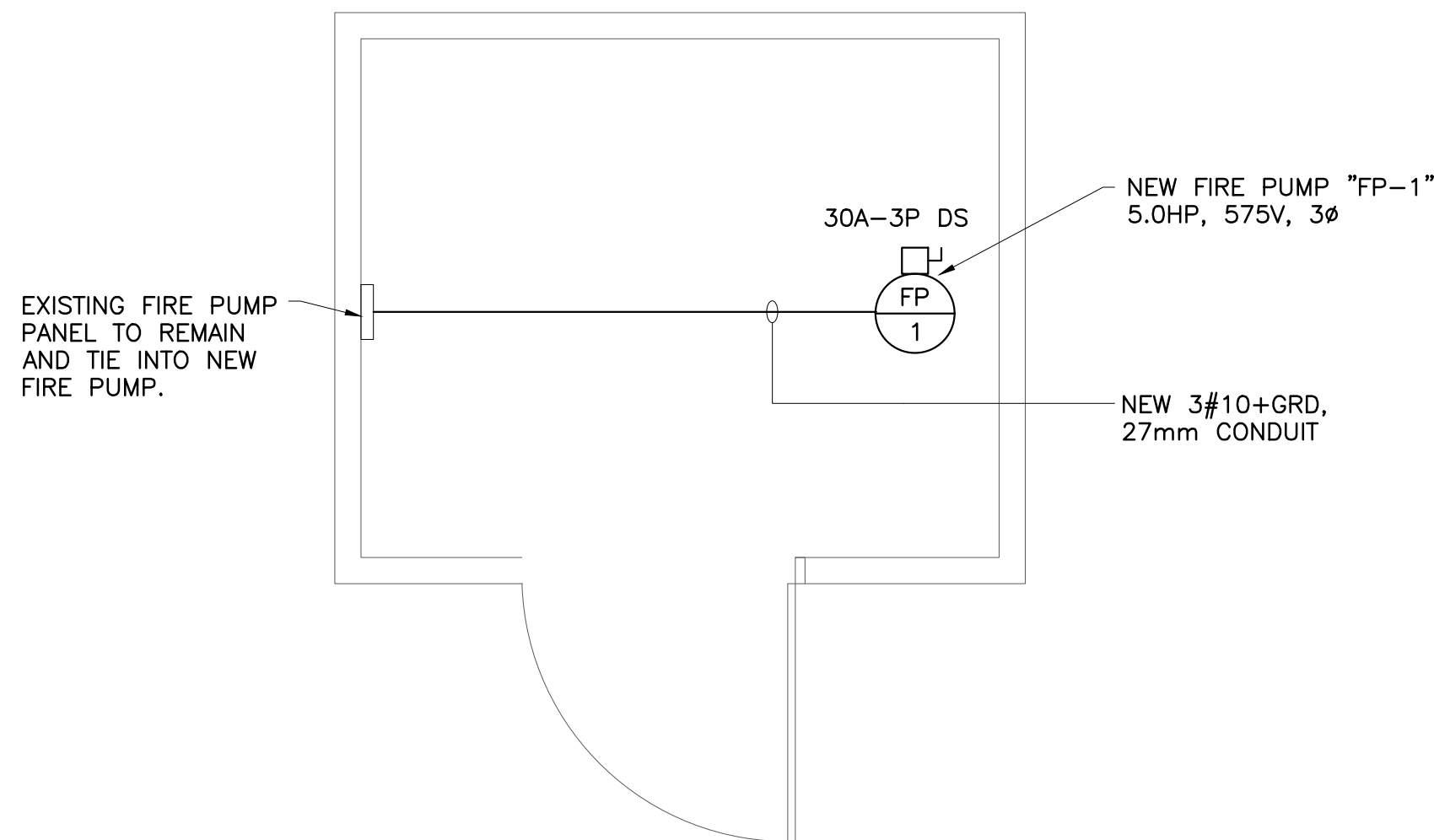
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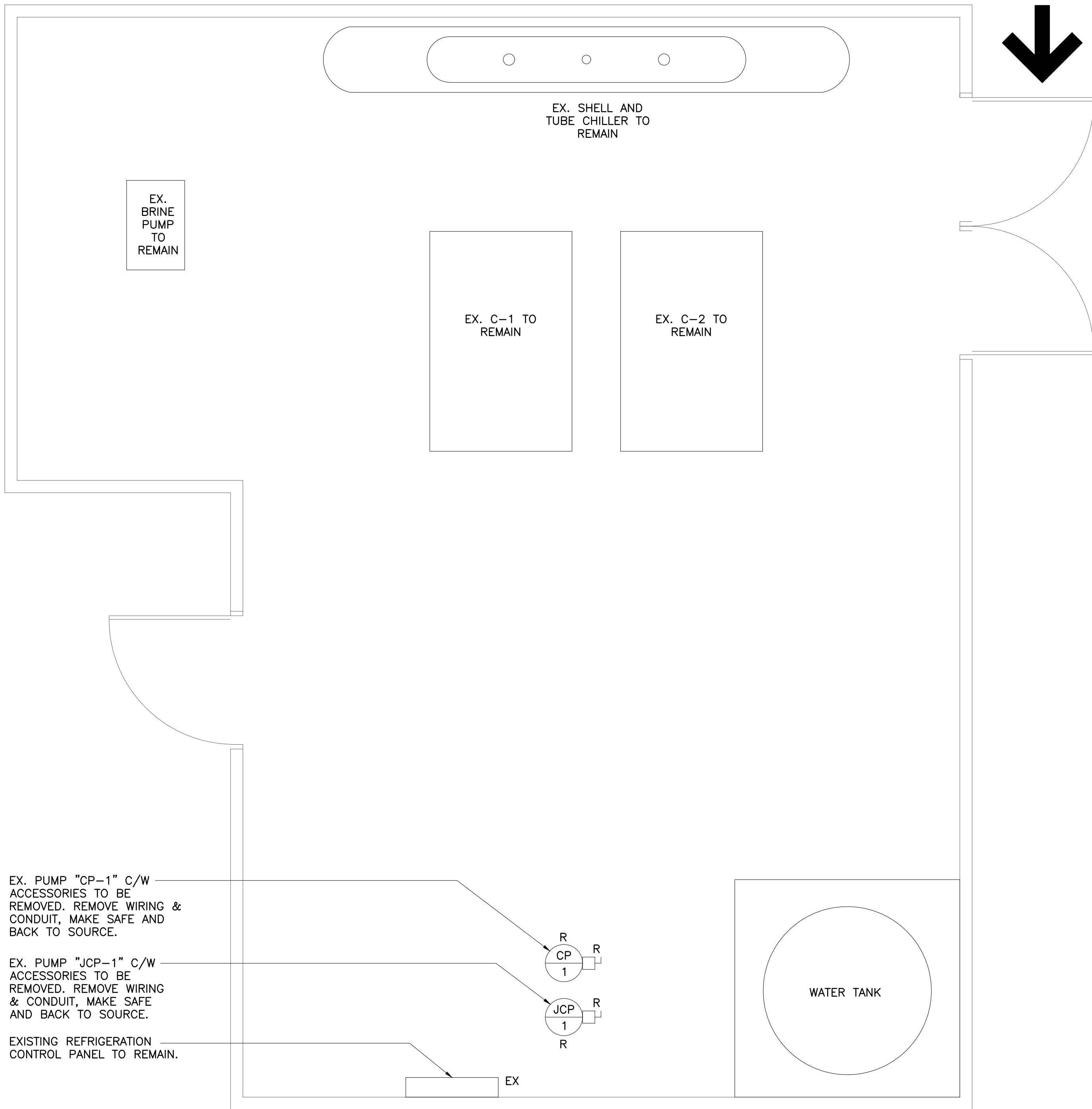
2	03/31/20	ISSUED FOR TENDER	V.L. C.M.
1	10/01/24	ISSUED FOR PERMIT	N.V. C.M.
REV	DATE	DESCRIPTION	BY
ELECTRICAL ELEVATION PLANS			
TITLE: JIM ARCHDEKIN RECREATION CENTRE MECHANICAL AND ELECTRICAL UPGRADES			
292 Conestoga Dr., Brampton, ON L6Z 3M1			
SCALE: NONE	DRAWN BY: N.V.	CHECKED BY: T.B.	APPROVED BY: T.B.
	DATE: 09/20/24	DATE: 09/20/24	DATE: 09/20/24
CONTRACT No.	DWG No.	E4	REV 1



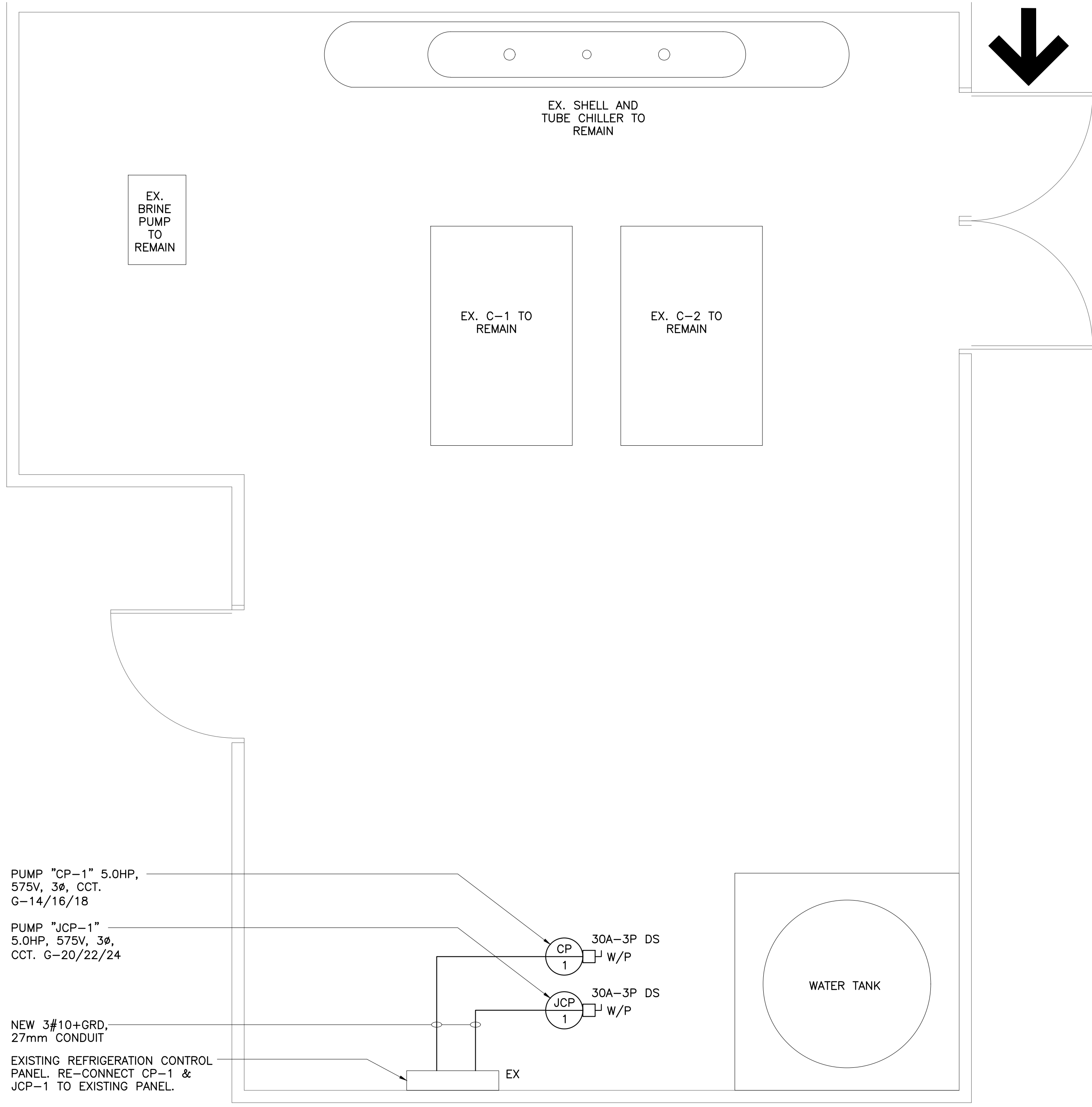
1 WATER METER ROOM - DEMOLITION
E5 SCALE: 1:25



2 WATER METER ROOM - PROPOSED
E5 SCALE: 1:25



3 REFRIGERATION ROOM - DEMOLITION
E5 SCALE: 1:25

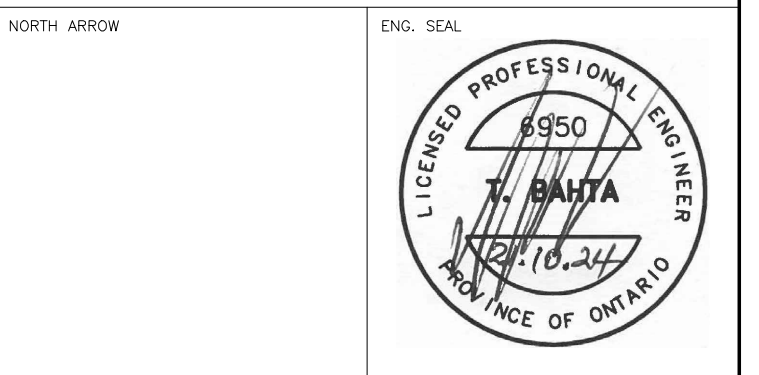


4 REFRIGERATION ROOM - PROPOSED
E5 SCALE: 1:25



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1	10/01/24	ISSUED FOR PERMIT	N.V. C.M.
REV	DATE	DESCRIPTION	BY
ELECTRICAL WATER METER ROOM AND REFRIGERATION ROOM DEMOLITION AND PROPOSED			
TITLE: JIM ARCHDEKIN RECREATION CENTRE MECHANICAL AND ELECTRICAL UPGRADES			
292 Conestoga Dr., Brampton, ON L6Z 3M1			
SCALE: 1:25	DRAWN BY: DATE: 09/20/24	CHECKED BY: DATE: 09/20/24	APPROVED BY: DATE: 09/20/24
CONTRACT No.	DWG No.	E5	REV 1

EX. DH-1 C/W ACCESSORIES
TO BE REMOVED & DISPOSED
OF. REMOVE WIRING &
CONDUIT, MAKE SAFE AND
BACK TO SOURCE.

EX. EF-15 C/W ACCESSORIES TO
BE REMOVED. REMOVE WIRING &
CONDUIT, MAKE SAFE AND BACK TO
SOURCE.

EX. EF-17 C/W ACCESSORIES TO
BE REMOVED. REMOVE WIRING &
CONDUIT, MAKE SAFE AND BACK TO
SOURCE.

1 PART PLAN ARENA - DEMOLITION
E6 SCALE: 1:50



NEW DEHUMIDIFIER DH-1
3.0HP, 575V, 3Ø, CCT.
L-13/15/17
NEW 30A-3P DS
W/P

NEW EF-15 1.5HP, 575V, 3Ø,
CCT. L-20/22/24

NEW EF-15 COMBINATION MOTOR
STARTER CCT. L-20/22/24
3#10+GRD, 27mm CONDUIT

NEW EF-17 COMBINATION MOTOR
STARTER CCT. L-20/22/24
3#10+GRD, 27mm CONDUIT

NEW EF-17 1.5HP, 575V, 3Ø,
CCT. L-26/28/30

NEW 3#10+GRD,
27mm CONDUIT

2 PART PLAN ARENA - PROPOSED
E6 SCALE: 1:50



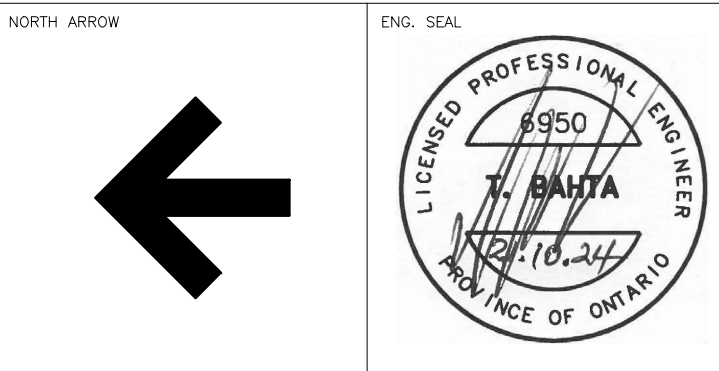
NOTES:

1. DEMOLISH EXISTING DEHUMIDIFIER
C/W WRING/CONDUIT AS SHOWN.
DISCONNECT AND REMOVE FROM
ELECTRICAL AND MAKE SAFE.
2. DEMOLISH EXISTING EXHAUST FANS
AND RELATED EQUIPMENT.
DISCONNECT AND REMOVE FROM
ELECTRICAL AND MAKE SAFE.

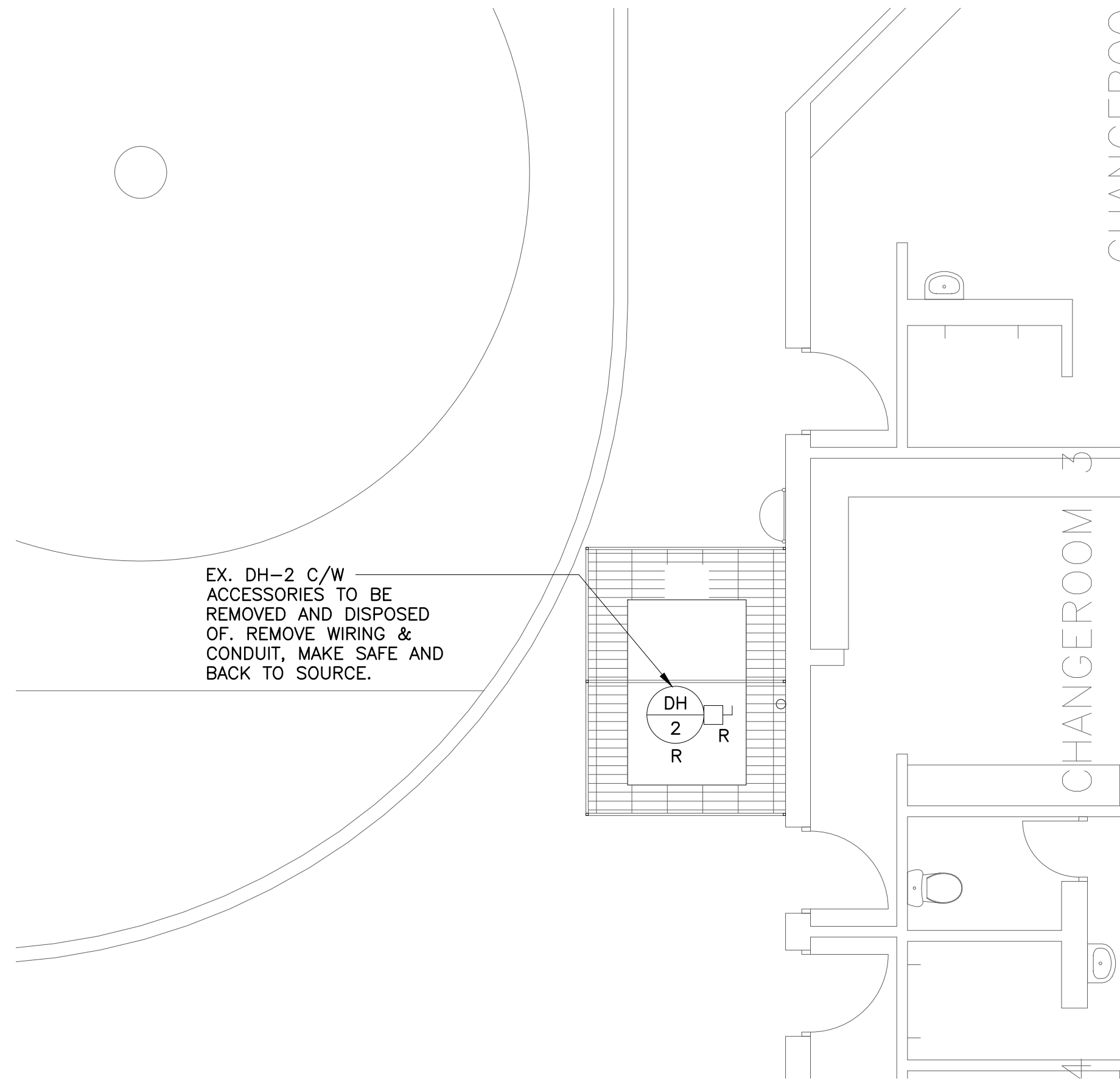
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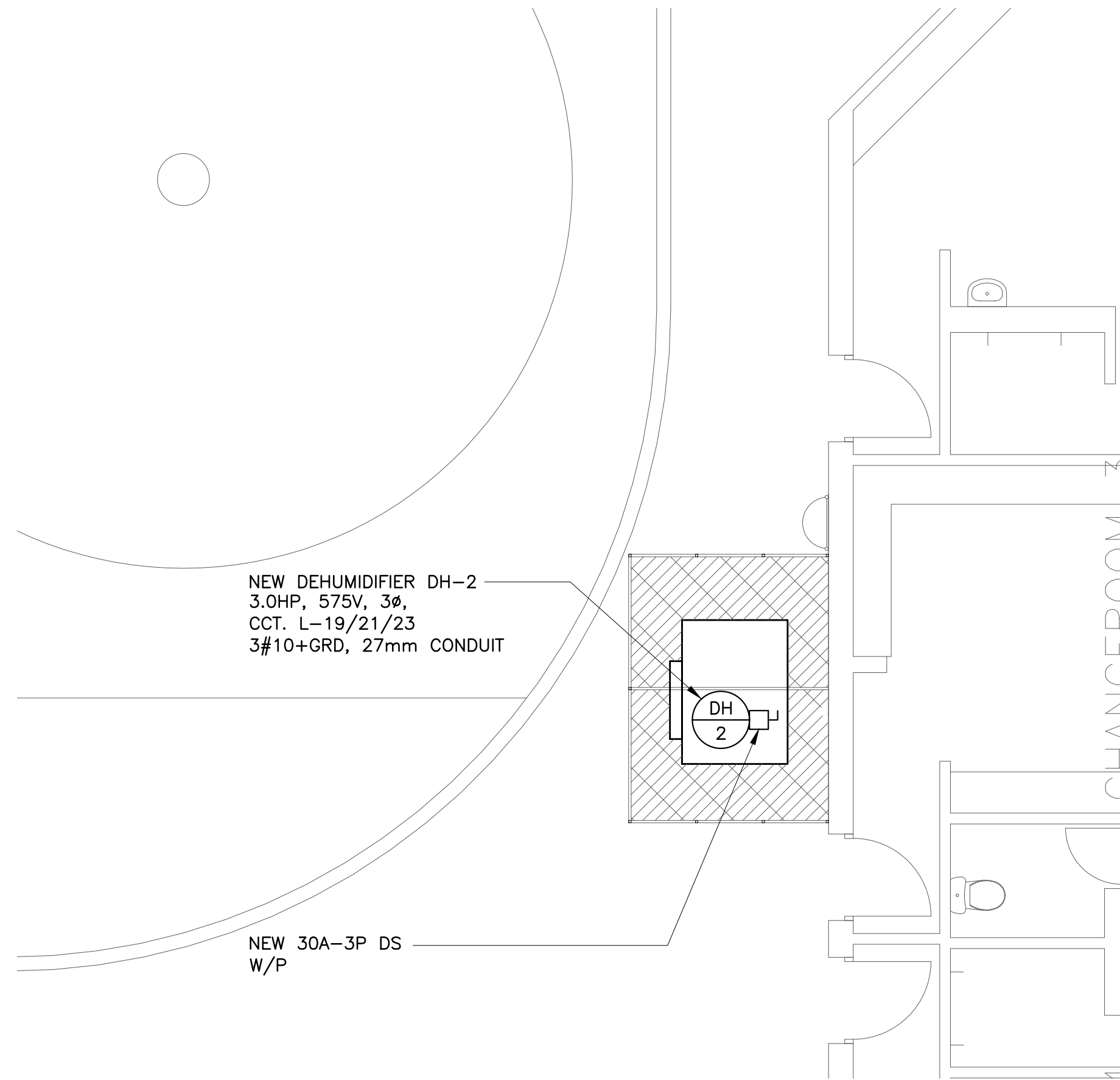
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2	03/31/25	ISSUED FOR TENDER				V.L.	C.M.
1	10/01/24	ISSUED FOR PERMIT				N.V.	C.M.
REV	DATE	DESCRIPTION				BY	CHK
ELECTRICAL PART PLAN ARENA DEMOLITION AND PROPOSED							
TITLE							
JIM ARCHDEKIN RECREATION CENTRE MECHANICAL AND ELECTRICAL UPGRADES							
292 Conestoga Dr, Brampton, ON L6Z 3M1							
SCALE:	1:50	DRAWN BY: DATE:	N.V. 09/20/24	CHKD. C.M. DATE:	09/20/24	APPRD. C.M. DATE:	09/20/24
CONTRACT NO.				DWG NO.		E6	
						REV 1	



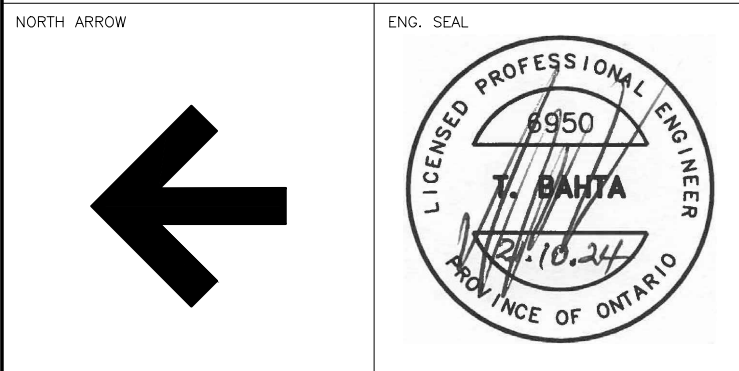
1 PART PLAN ARENA - DEMOLITION
E7 SCALE: 1:50



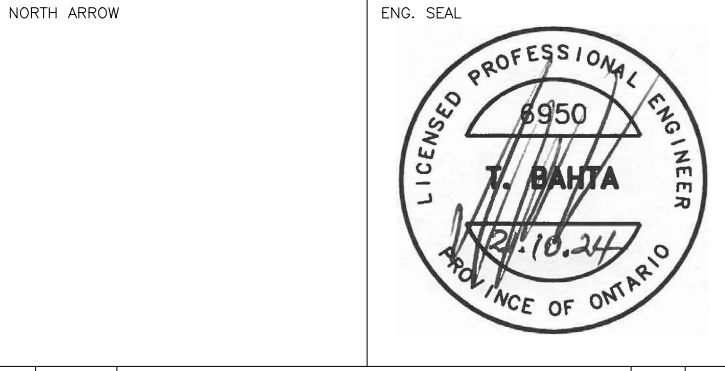
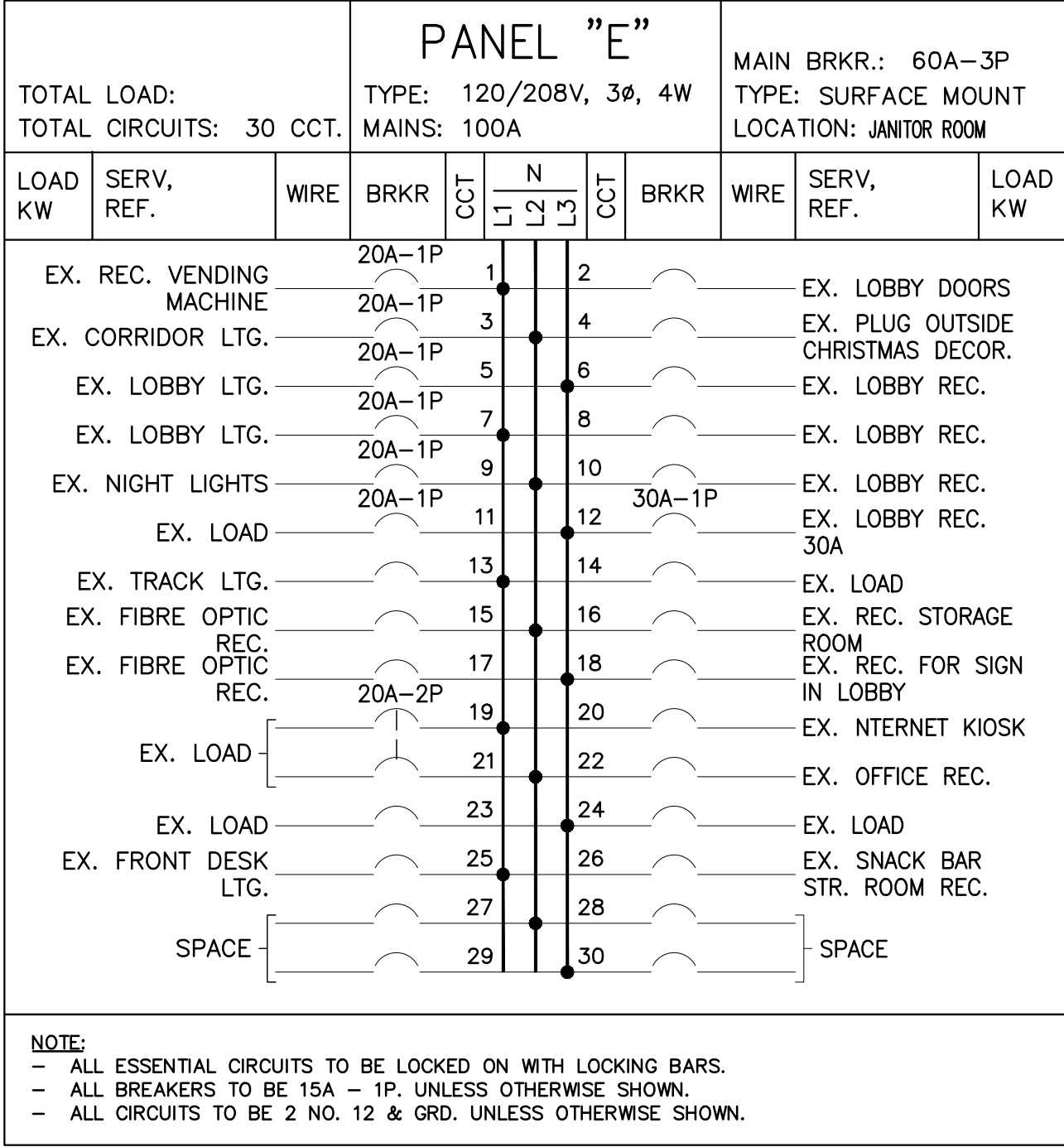
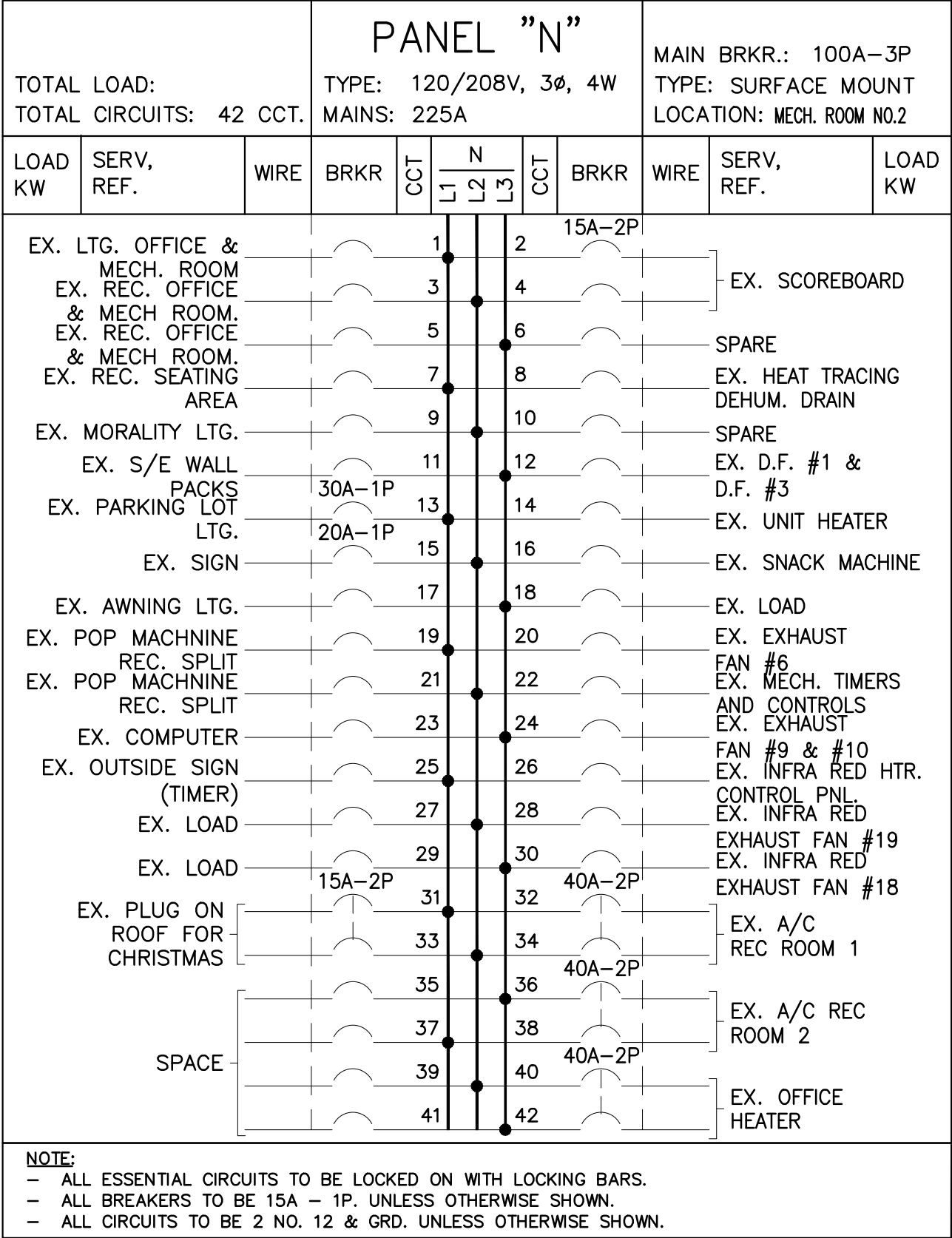
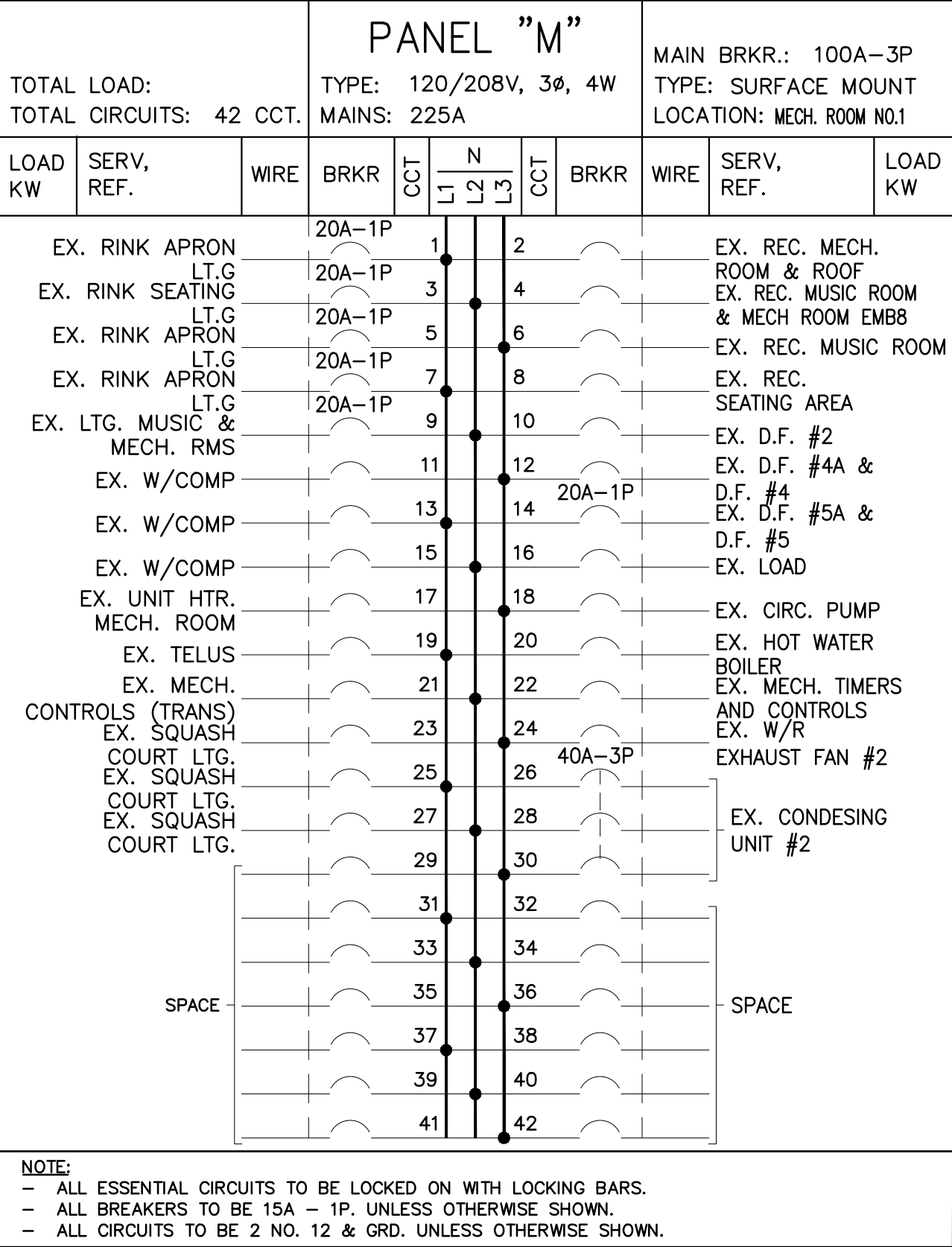
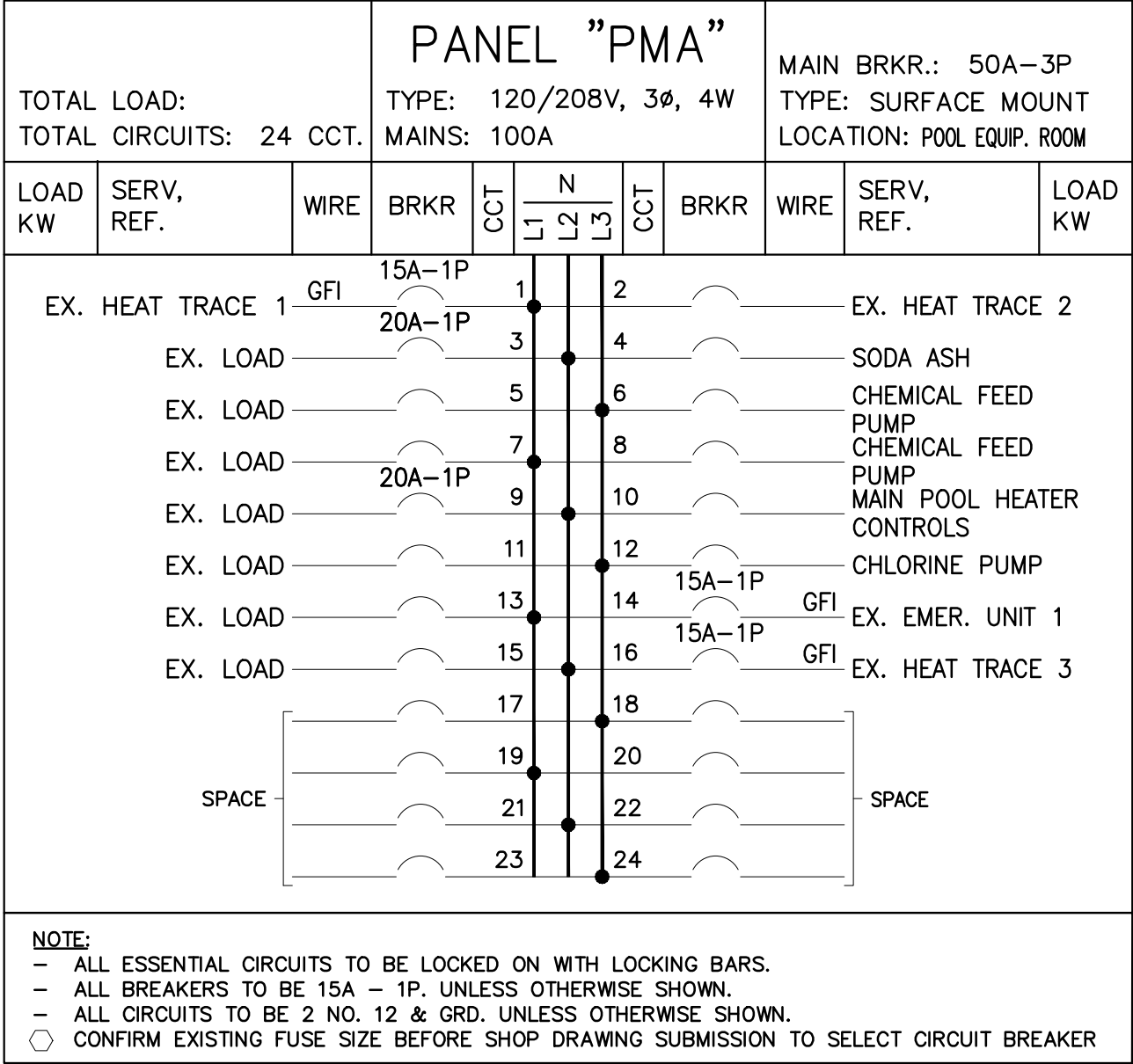
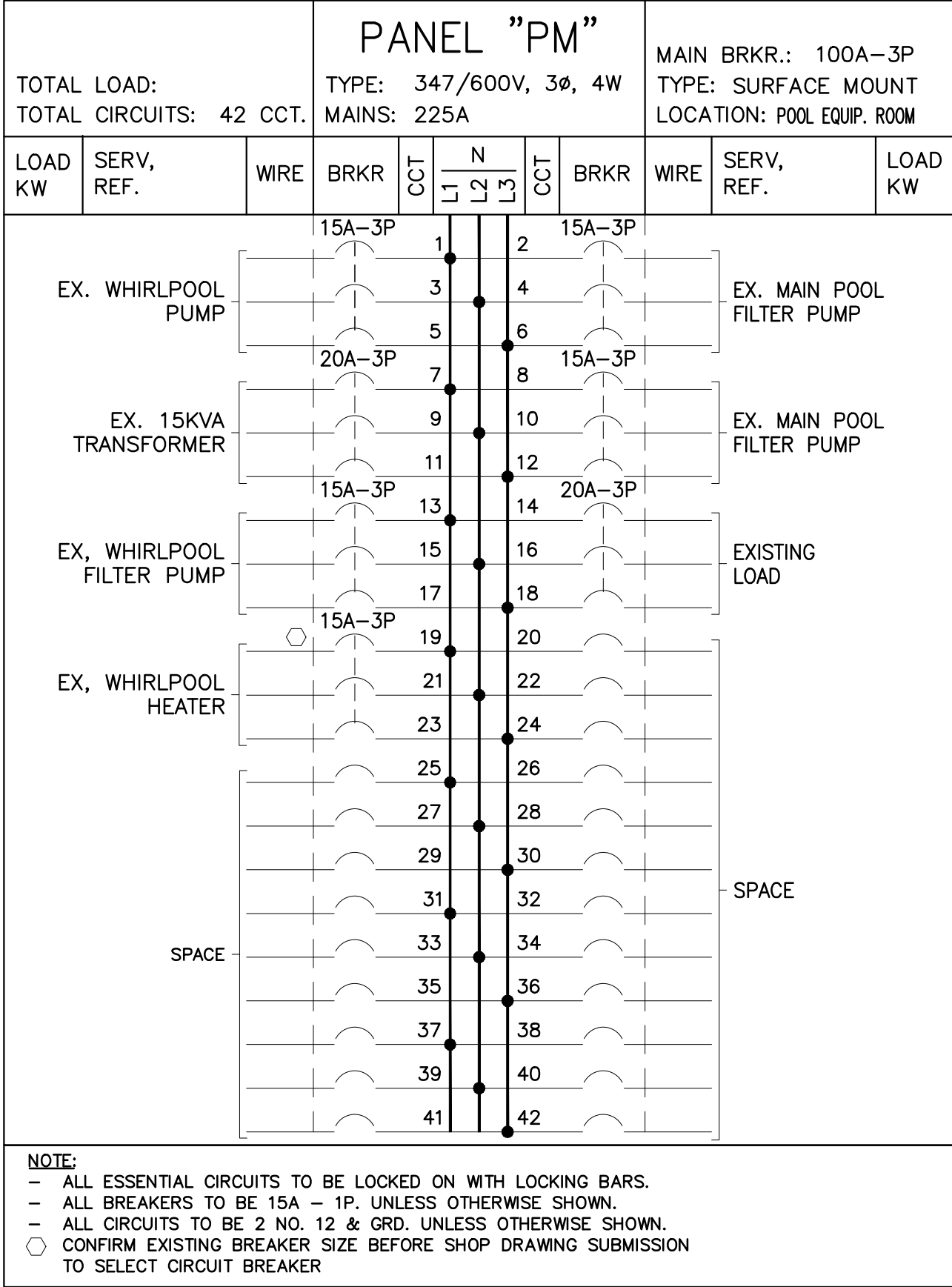
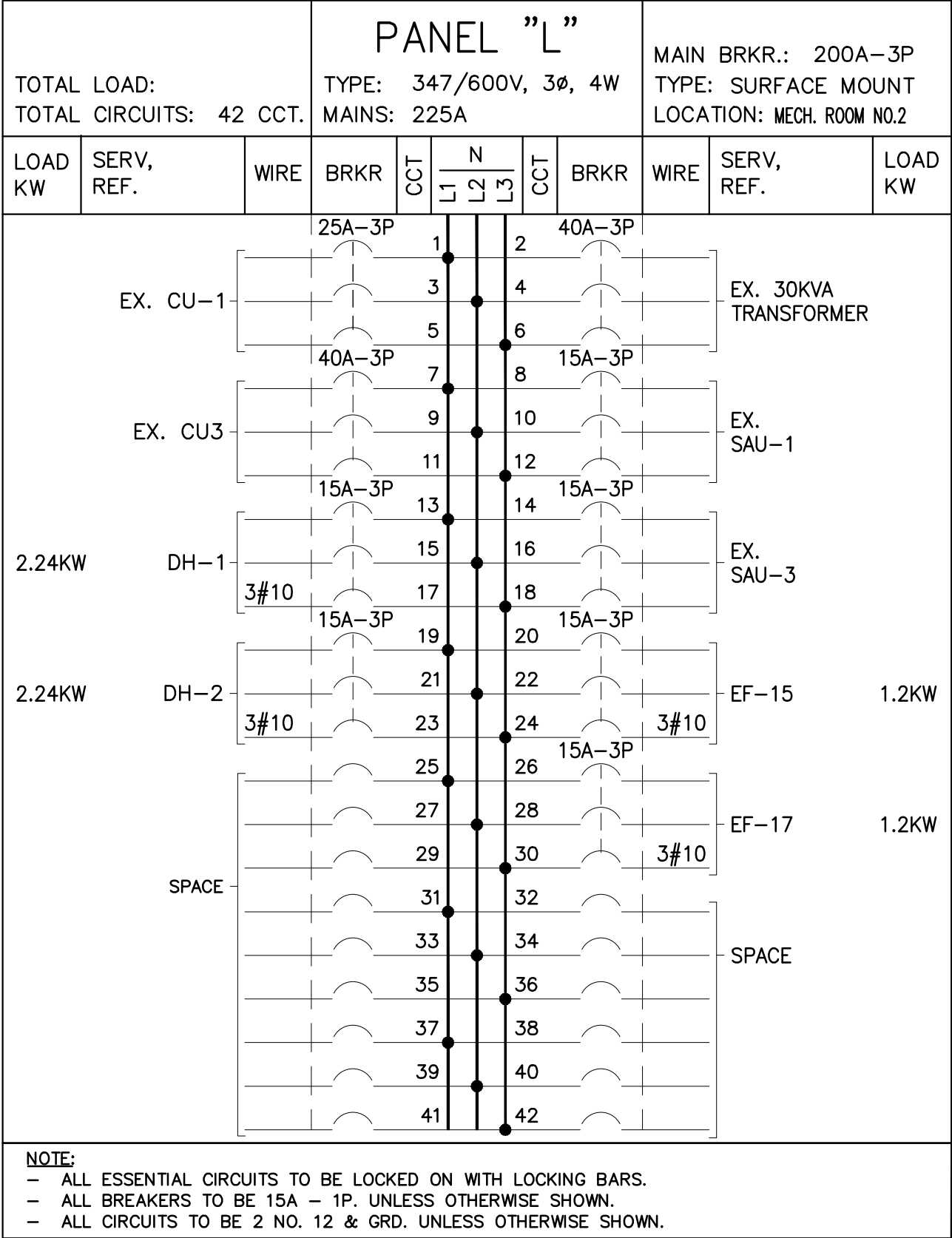
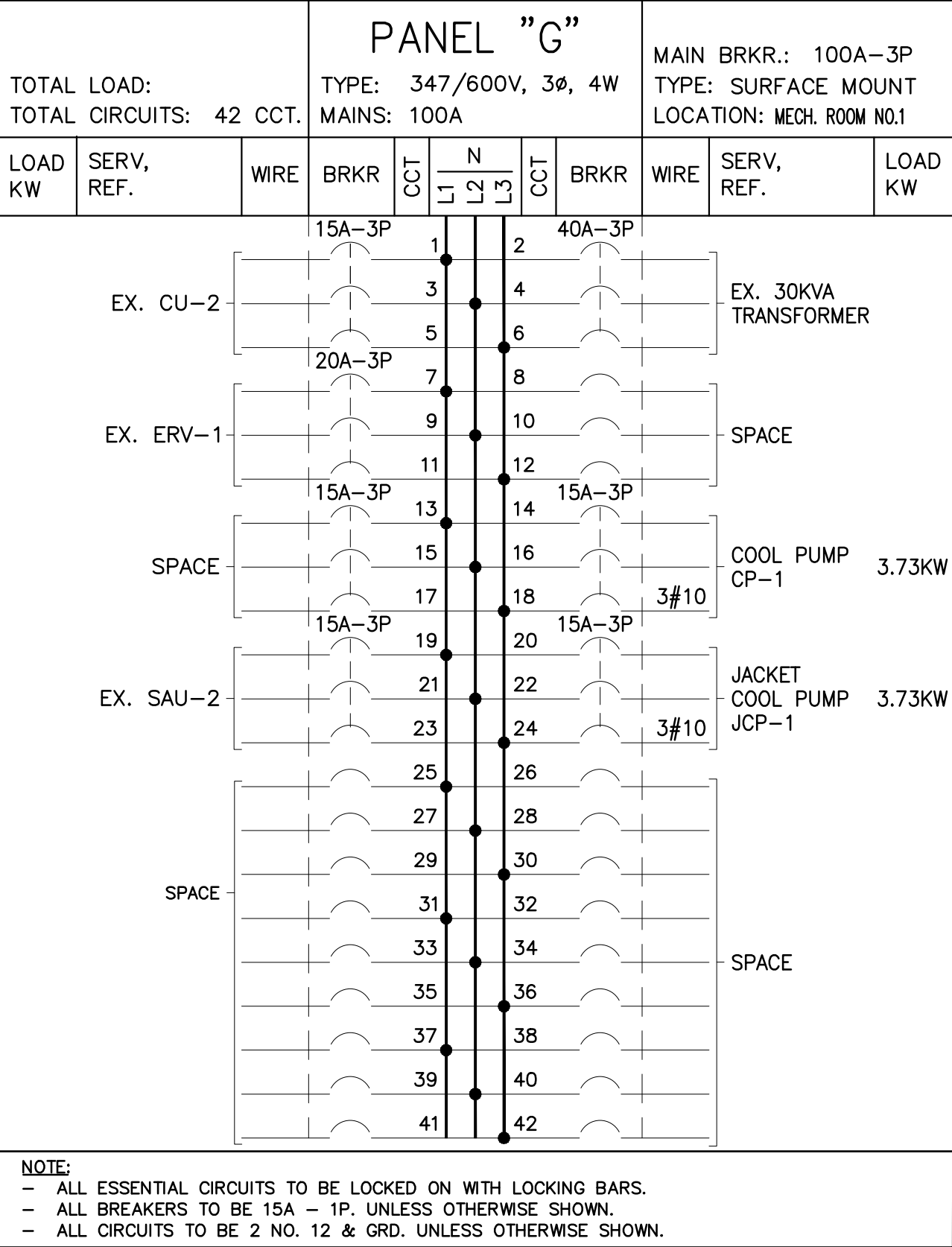
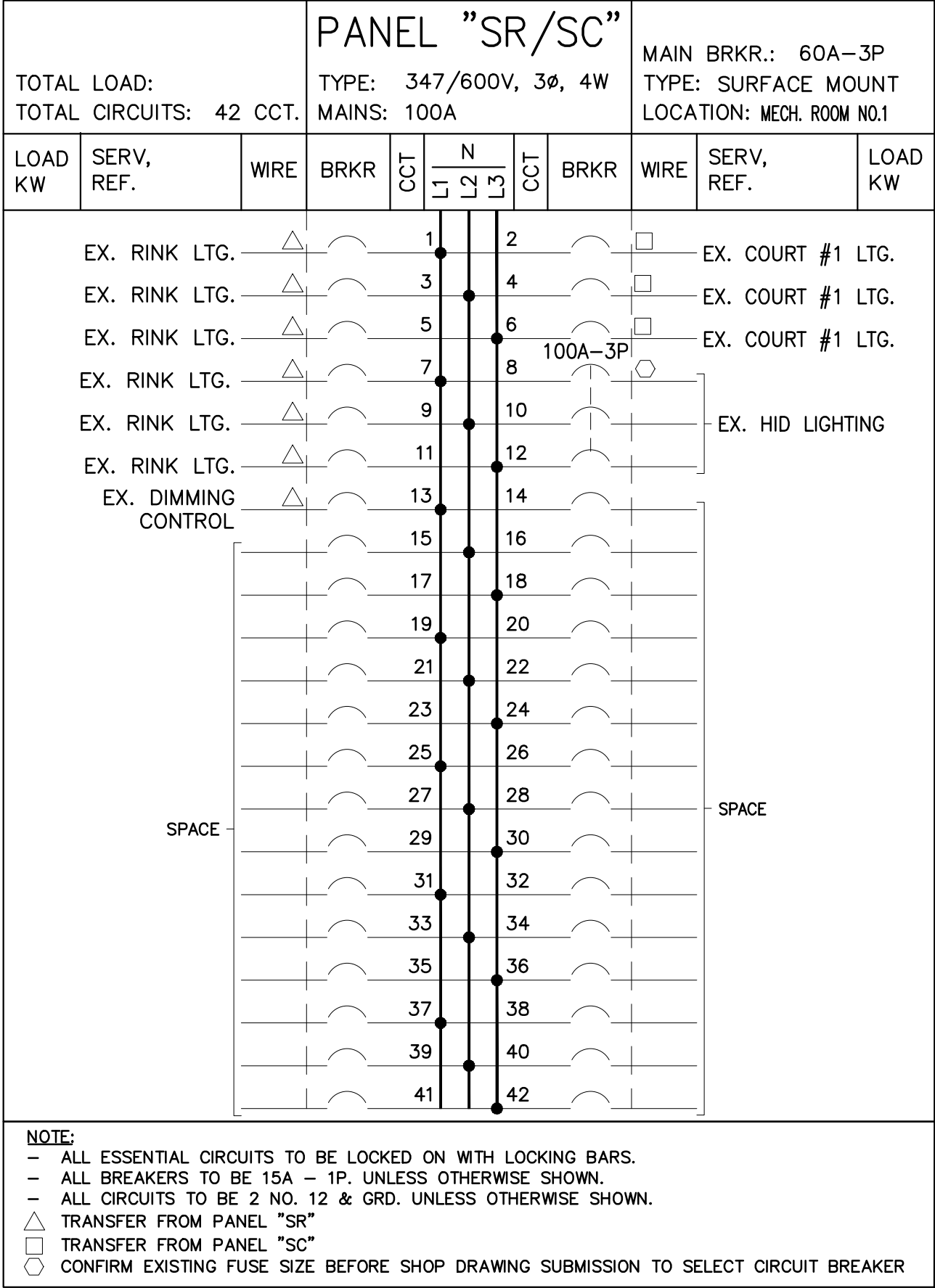
2 PART PLAN ARENA - PROPOSED
E7 SCALE: 1:50



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REV	DATE	DESCRIPTION	BY
ELECTRICAL PART PLAN ARENA DEMOLITION AND PROPOSED			
TITLE JIM ARCHDEKIN RECREATION CENTRE MECHANICAL AND ELECTRICAL UPGRADES			
292 Conestoga Dr., Brampton, ON L6Z 3M1			
SCALE:	1:50	DRAWN BY DATE: 09/20/24	APPROVED BY DATE: 09/20/24
CONTRACT No.		DWG No.	REV
		E7	1



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1	10/01/24	ISSUED FOR PERMIT	N.V. C.M.
REV	DATE	DESCRIPTION	BY
ELECTRICAL PANEL SCHEDULES			
TITLE JIM ARCHDEKIN RECREATION CENTRE MECHANICAL AND ELECTRICAL UPGRADES			
292 Conestoga Dr., Brampton, ON L6Z 3M1			
SCALE:	NONE	DRAWN BY DATE: 09/20/24	CHD C.M. DATE: 09/20/24
CONTRACT No.		DWG No.	E8
		REV	1