

PART 11 - RENOVATION OF EXISTING BUILDING

Name of Practice Veer Architecture
 Address 1 76 Chamberlain Ave
 Address 2 Ottawa, ON, K1S 1V9
 Contact Jan Veer (jan@veerarch.com)
 Name of Project Ottawa Sports Accadamy
 Location/Address 1565 Maple Grove Drive, Kanata, ON, K2V1A3
 Date 2022-10-06



Seal & Signature

11.00	BUILDING CODE VERSION	O.Reg. 332/12	LAST AMENDMENT	O.Reg. 191/14	
11.01	PROJECT TYPE	Renovation			[A] 1.1.2.
11.02	MAJOR OCCUPANCY CLASSIFICATION	OCCUPANCY	USE		3.1.2.1.(1)
		A3 Arenas	Sports Arena		
		A2 Other assembly occupancies	Classrooms		
		Select occupany group/division from in-cell drop-down list to the left.			
11.03	SUPERIMPOSED MAJOR OCCUPANCIES	-	[If Yes, provide explanation below; add lines as necessary]		3.2.2.7.
11.04	BUILDING AREA (m ²)	DESCRIPTION	EXISTING	NEW	TOTAL [A] 1.4.1.2.
		existing building	14200.00	0.00	14,200.0
					-
					-
		TOTAL	14,200.0	-	14,200.0
11.05	BUILDING HEIGHT	2 STOREYS ABOVE GRADE	8.5	(m) ABOVE GRADE	[A] 1.4.1.2. & 3.2.1.1.
		STOREYS BELOW GRADE			
11.06	NUMBER OF STREETS/ FIRE FIGHTER ACCESS	3 STREETS(S)			3.2.2.10. & 3.2.5.
11.07	BUILDING SIZE	LARGE			T.11.2.1.1.B.-N.
11.08	EXISTING BUILDING CLASSIFICATION	CHANGE IN MAJOR OCCUPANCY	NO		11.2.1.1.
		CONSTRUCTION INDEX	-		T.11.2.1.1.A.
		HAZARD INDEX	-		T.11.2.1.1.B.-N.
		IMPORTANCE CATEGORY	-		
11.09	RENOVATION TYPE	BASIC RENOVATION			11.3.3.1. & 11.3.3.2.
11.10	OCCUPANT LOAD	FLOOR LEVEL/AREA	OCCUPANCY TYPE	BASED ON	OCCUPANT LOAD (PERSONS) 3.1.17.
		2	group A2	Design of space	60
					-
					-

		TOTAL	60
11.11	PLUMBING FIXTURE REQUIREMENTS	RATIO: MALE:FEMALE = 50:50 EXCEPT AS NOTED OTHERWISE	3.7.4.
		FLOOR LEVEL/AREA OCCUPANT LOAD OBC REFERENCE FIXTURES REQUIRED FIXTURES PROVIDED	
		na	
11.12	BARRIER-FREE DESIGN	-	11.3.3.2.(2)
11.13	REDUCTION IN PERFORMANCE LEVEL	STRUCTURAL	NO
		[Provide a brief description here or hide this row if not needed.]	11.4.2.1.
		INCREASE IN OCCUPANT LOAD	NO
		[Provide a brief description here or hide this row if not needed.]	11.4.2.2.
		CHANGE OF MAJOR OCCUPANCY	NO
		[Provide a brief description here or hide this row if not needed.]	11.4.2.3.
		PLUMBING	NO
		[Provide a brief description here or hide this row if not needed.]	11.4.2.4.
		SEWAGE SYSTEM	NO
		[Provide a brief description here or hide this row if not needed.]	11.4.2.5.
11.14	COMPENSATING CONSTRUCTION	STRUCTURAL	N/A
		[Provide a brief description here or hide this row if not needed.]	11.4.3.2.
		INCREASE IN OCCUPANT LOAD	N/A
		[Provide a brief description here or hide this row if not needed.]	11.4.3.3.
		CHANGE OF MAJOR OCCUPANCY	N/A
		[Provide a brief description here or hide this row if not needed.]	11.4.3.4.
		PLUMBING	N/A
		[Provide a brief description here or hide this row if not needed.]	11.4.3.5.
		SEWAGE SYSTEM	N/A
		[Provide a brief description here or hide this row if not needed.]	11.4.3.6.
11.15	COMPLIANCE ALTERNATIVES PROPOSED	N/A	11.5.1.1.
		[List Compliance Alternative numbers here and provide a brief description or hide this row if not needed.]	
		[List Compliance Alternative numbers here and provide a brief description or hide this row if not needed.]	
		[List Compliance Alternative numbers here and provide a brief description or hide this row if not needed.]	
11.16	NOTES		

1 ALL REFERENCES ARE TO DIVISION B OF THE OBC UNLESS PRECEDED BY [A] FOR DIVISION A AND [C] FOR DIVISION C

OTTAWA (P.L.) - 2100 Avenue Carleton Place, Ontario, Canada K1A 0A6 - TEL: (416) 291-1111 - FAX: (416) 291-1112 - WWW.OTTAWA-ONTO.COM

DIVISION 1 GENERAL

- 1.1 GENERAL
1.1.1 Unless otherwise indicated, supply the labour, materials and tools required to perform definition and completion work. Carry out work not listed but implied necessary for the complete realization of the project.

- 1.2 COORDINATION AND USE OF THE SITE
1.2.1 Check all dimensions and site data before starting the work. Assume responsibility for the dimensions of the site before the start of the work.

- 1.3 PROJECT MEETING
1.3.1 Hold project meetings at times and locations approved and chaired by the Architect. Conduct meetings at intervals of all meetings, weekly at the beginning of meetings.

- 1.4 PRODUCTS
1.4.1 Provide new material, in good condition and of maximum strength unless otherwise indicated.

- 1.5 SUBMITTAL PROCEDURES (SHOP DRAWINGS / PRODUCT DATA / MOCK-UPS)
1.5.1 Submit promptly and in original copy to not cause delay in Work.

- 1.6 CUTTING, DRILLING AND PATCHING
1.6.1 No grinding to be performed without the owner's authorization.
1.6.2 Finish surfaces to ensure conformity with adjacent finish coatings.

- DIVISION 7 SEALANTS
7.1 SEALANTS
7.1.1 Sealants for walls, other than gypsum board walls, without the use of acrylic resin or acrylic polymer latex, in compliance with CAN/ULC S-133 standard.

- 7.2 INSULATION
7.2.1 Accusound and the material that facilitates the removal of mold insulation made from basalt rock and steel slag, conforming to ASTM C533, Type I, L and III, Standard of acceptance/Approval, will be used.

- DIVISION 8
8.1 WOOD DOORS
8.1.1 Work included: The work of this Section includes the provision of a door, including: equipment and service required to lubricate, seal and finish the door.

- 8.2 GLAZING
8.2.1 Canadian General Standards Board (CGSB)
8.2.2 Insulating glass units shall be fabricated in accordance with the performance criteria, physical test, finish and product characteristics.

- 8.3 FABRICATION
8.3.1 Fabricate doors and panels in accordance with AWS Section 9
8.3.2 Fabricate doors and panels in accordance with AWS Section 9
8.3.3 Fabricate doors and panels in accordance with AWS Section 9

- 8.4 METAL FRAMES
8.4.1 SHOP DRAWINGS
8.4.2 MATERIALS
8.4.3 FABRICATION

- 8.5 HARDWARE
8.5.1 Hardware standards: standard position of hardware must meet requirements of the Canadian metal frame for doors and frames.

- DIVISION 9
9.1 GYPSUM BOARD ASSEMBLIES
9.1.1 Do work in accordance with CSA A82.1-M1880 and the C.B.C.C. Gypsum Construction Handbook, Latest Edition, except where specified otherwise.

- 9.2 METAL SYSTEM
9.2.1 RELATED REQUIREMENTS
9.2.2 REFERENCES

- 9.3 PATTERNS AND FORMWORK
9.3.1 PATTERNS AND FORMWORK
9.3.2 PATTERNS AND FORMWORK

- 9.4 METAL SYSTEM
9.4.1 RELATED REQUIREMENTS
9.4.2 REFERENCES

- 9.5 PATTERNS AND FORMWORK
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9.5.2 PATTERNS AND FORMWORK

- 9.6 PATTERNS AND FORMWORK
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- 9.7 PATTERNS AND FORMWORK
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- 9.11 PATTERNS AND FORMWORK
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9.11.2 PATTERNS AND FORMWORK

- 9.12 PATTERNS AND FORMWORK
9.12.1 PATTERNS AND FORMWORK
9.12.2 PATTERNS AND FORMWORK

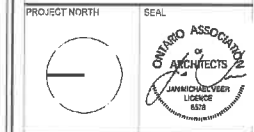
- 9.13 PATTERNS AND FORMWORK
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- 9.14 PATTERNS AND FORMWORK
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9.14.2 PATTERNS AND FORMWORK

- 9.15 PATTERNS AND FORMWORK
9.15.1 PATTERNS AND FORMWORK
9.15.2 PATTERNS AND FORMWORK

Table with 4 columns: DATE, DESCRIPTION, ISSUE, REV. Row 1: 06.10.22, ISSUED FOR PERMIT.

CLIENT OTTAWA SPORTS ACADEMY BELL SENSPLEX



ARCHITECTURAL



MECHANICAL & ELECTRICAL

PROJECT NAME Ottawa Sports Academy Interior Renovations

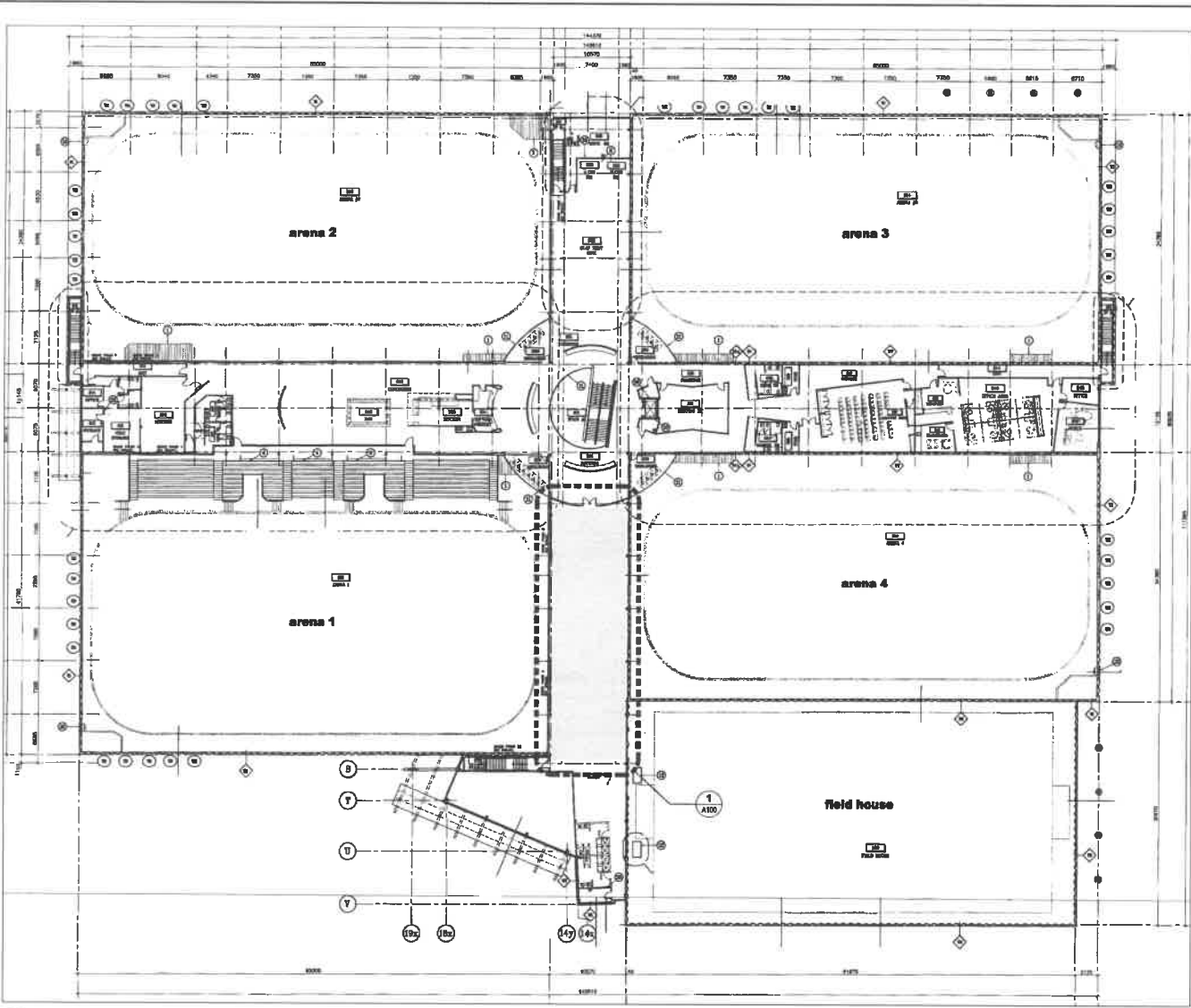
1565 Maple Grove Drive Kanata, ON

DRAWING TITLE SPECIFICATION

Table with 2 columns: DATE, PROJECT NO. Row 1: 28.09.2022, 2022 16

Table with 2 columns: SCALE, DRAWING NO. Row 1: AS NOTED, A-200

A:\2022\1565 - Ottawa Sports Academy\1565-0222 Key Plan - Second Level.dwg -- PLOTTED BY Jan Viter 06 Thursday, October 06, 2022 @ 12:16:01 PM



1
KEY PLAN - SECOND LEVEL
 SCALE = 1:200

DATE	DESCRIPTION	SCALE	REVISION
06.10.22	ISSUED FOR PERMIT		

CLIENT
**OTTAWA SPORTS ACADEMY
 BELL SENSPLEX**

PROJECT NORTH SEAL

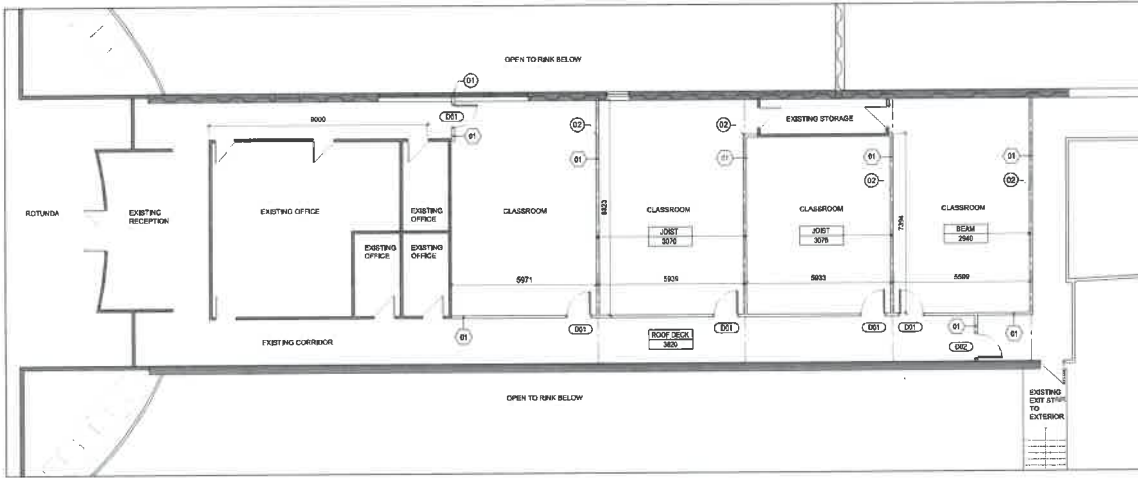
ARCHITECTURAL

MECHANICAL + ELECTRICAL

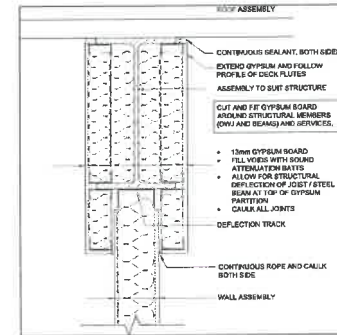
PROJECT NAME
**Ottawa Sports Academy
 Interior Renovations**
 1565 Maple Grove Drive
 Kanata, ON

DRAWING TITLE
KEY PLAN

DATE	PROJECT NO.
26.09.2022	2022 16
SCALE	AS NOTED
DRAWN BY	DRAWING NO.
JV	A-050
REVIEWED BY	
JV	



1 PARTIAL SECOND FLOOR PLAN
SCALE = 1:100



2 SECTION DETAIL AT WALL ASSEMBLY AND JOIST / BEAM
SCALE = 1:10

GENERAL NOTES - FLOOR PLAN	
1.	EXTEND ALL NEW GYPSUM WALL ASSEMBLIES TO UNDERSIDE OF THE ROOF DECK OR ROOF STRUCTURE. PROVIDE ALL VERTICAL DEFLECTION AND STRIKE SUPPORT REQUIRED BY O.C.
2.	ALL NEW AND RELOCATED SWITCHES / CONTROLS TO BE LOCATED BETWEEN 900mm AND 1100mm ABOVE FINISHED FLOOR.
3.	ALL NEW WALLS TO BE PRIME AND PAINTED
4.	ALL FURNITURE, FINISHES, AND PAINT SELECTION ARE BY THE CLIENT.

FLOOR PLAN NOTES	
01	ALIGN NEW WALL ASSEMBLY WITH THE CENTER OF THE EXISTING WINDOW MULLION. EXTEND WALL ASSEMBLY TO THE WINDOW MULLION AND INSTALL A PVC ROOF FISH ON FISH GAP WITH ALUMINUM FINISH TO SET EXTERIOR WALL ASSEMBLY.
02	ALIGN NEW WALL ASSEMBLY WITH THE CENTER OF THE STRUCTURAL ROOF JOISTS AND REAR. METAL DEFLECTION TRACK TO THE UNDERSIDE OF THE JOIST AND RISER. METAL GYPSUM ON METAL FRAMING AROUND THE STRUCTURAL ROOF JOISTS AND BEAM.

WALL ASSEMBLIES	
WT	13mm GYPSUM BOARD 50mm MINERAL WOOL @ 48% D.C. FILL CAVITY WITH INSULATION ACCESSORY INSULATION 13mm GYPSUM BOARD

FLOOR PLAN LEGEND	
	NEW WALL ASSEMBLY
	EXISTING WALL ASSEMBLY
	EXISTING DOOR
	NEW DOOR AND FRAME. REFER TO SCHEDULE
	UNDERSIDE OF EXISTING STRUCTURE
	ELEVATION ABOVE FINISHED FLOOR

DOOR SCHEDULE													
DOOR #	DOOR							FRAME			REMARKS		
	TYPE	WIDTH	HEIGHT	DEPTH	MATL.	FINISH	HARDWARE	TYPE	MATL.	FINISH		DEPTH	WIDTH
01		905	2135	45	WD	PT	001	-	PS	PT	147	50	1
02		185	2135	45	WD	PT	002	-	PB	PT	147	50	

LEGEND		REMARKS	
WD - WOOD DOOR		1 -	SIZE AND LOCATION OF GLAZING IN WOOD DOOR IS TO BE DETERMINED BY CLIENT
PS - PRESSELID 8700R DOOR FRAME			
PT - PRIST			

HARDWARE			
HARDWARE 001		HARDWARE 002	
Quantity	Description	Quantity	Description
3	Full mortise bearing hinge	3	Full mortise bearing hinge
1	Cylinder lockset, grade 2 cylindrical, Classroom function	1	Cylinder lockset, grade 2 cylindrical, Classroom function
1	Floor stop	1	Floor stop

DATE	DESCRIPTION	ISSUE	REV
19.10.22	ISSUED FOR PERMIT		

CLIENT	
OTTAWA SPORTS ACADEMY BELL SENSPLEX	

PROJECT NORTH	SEAL

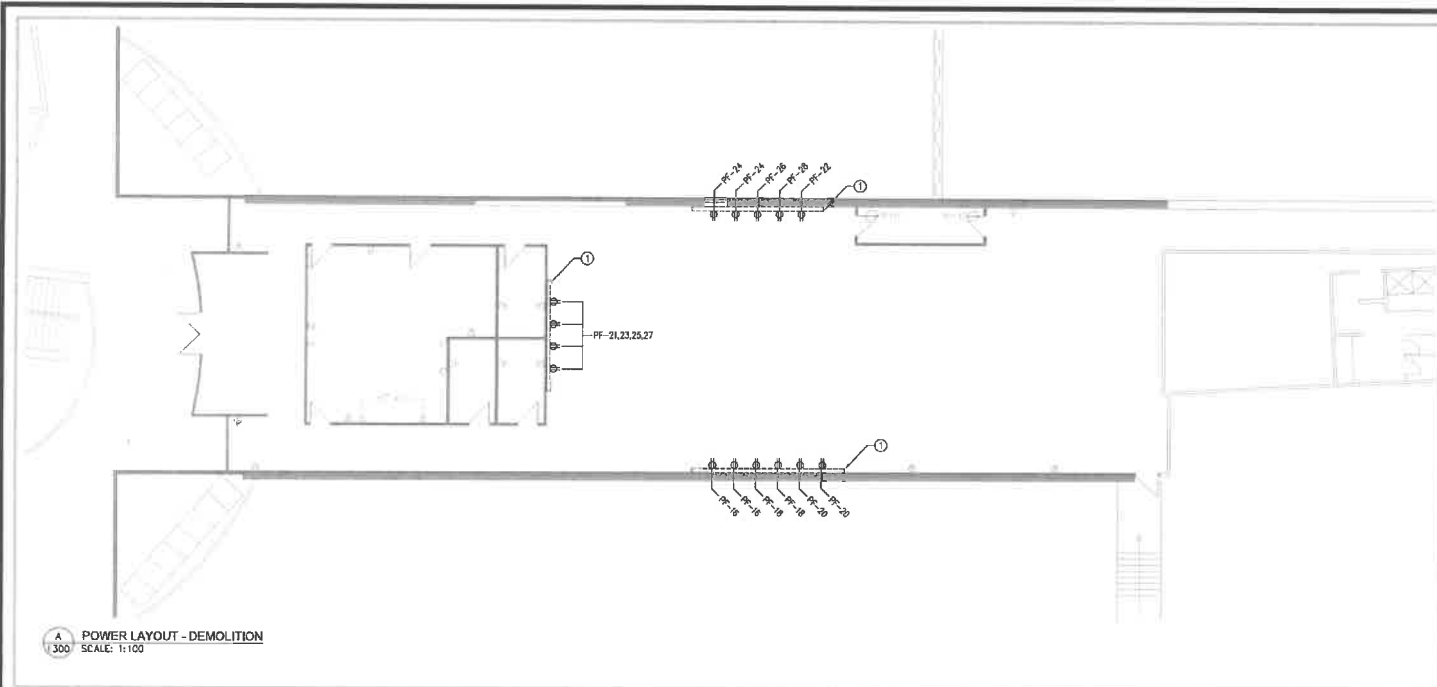
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MECHANICAL - ELECTRICAL
ENGINEERING INTERIORS 8430 Carleton Place Ottawa, ON, K1J 9J2 www.lrj.ca (416) 942-9324

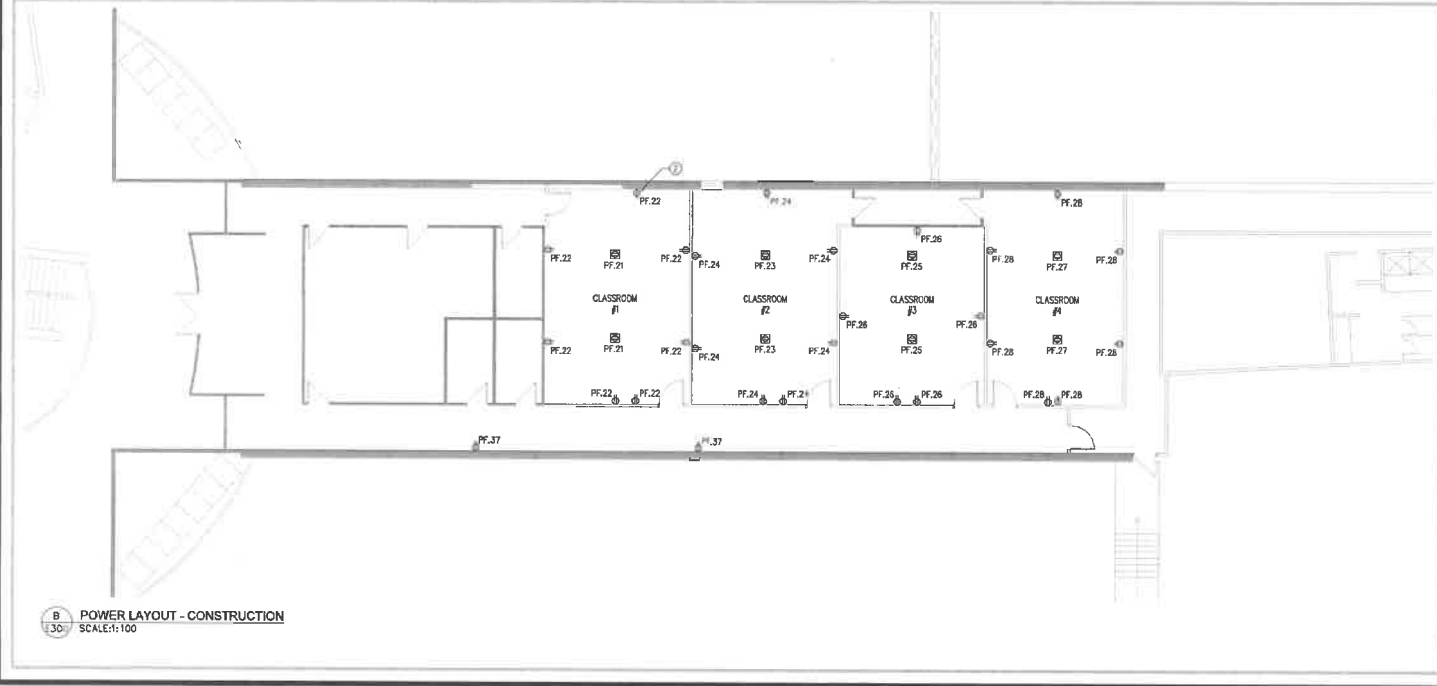
PROJECT NAME
Ottawa Sports Academy Interior Renovations 1565 Maple Grove Drive Kenora, ON

DRAWING TITLE
FLOOR PLAN DETAIL

DATE	PROJECT NO
28 09 2022	2022 16
SCALE	
AS NOTED	
DRAWN BY	DRAWING NO
JV	A-100
REVIEWED BY	
JV	



A POWER LAYOUT - DEMOLITION
SCALE: 1:100



B POWER LAYOUT - CONSTRUCTION
SCALE: 1:100

- GENERAL NOTES:**
- ALL ELECTRICAL EQUIPMENT LOCATIONS ON ELECTRICAL DRAWINGS ARE TO BE CONSIDERED APPROXIMATE. ANY DEMOTION OF LOCATIONS OF ELECTRICAL EQUIPMENT SHALL BE MARKED-UP ACCORDINGLY FOR ACCURATE REPRESENTATION ON AS-BUILT PLANS.
 - ARCHITECTURAL BACKGROUNDS IN ELECTRICAL DRAWINGS ARE REPRESENTATIVE ONLY. ALTHOUGH EVERY EFFORT HAS BEEN MADE TO ENSURE THE ACCURACY OF THESE BACKGROUNDS, ACTUAL SITE CONDITIONS AND LATEST ARCHITECTURAL DOCUMENTS MAY VARY FROM ELECTRICAL DRAWINGS. CONTRACTOR SHALL VERIFY EXACT ARCHITECTURAL LAYOUT ON SITE PRIOR TO CONSTRUCTION.
 - ALL WALL PENETRATIONS ARE TO BE FIRESTOPPED WITH APPROVED FIRE STOPPING MATERIAL TO MATCH EXISTING/FUTURE FIRE RATINGS. CONTRACTOR SHALL COORDINATE FIRE SEPARATION RATINGS FROM ARCHITECTURAL, TRADE, PAINTS AND MARKS GOOD ALL PENETRATIONS IN WALLS, CEILINGS, COLUMNS, ETC.
 - ALL ELECTRICAL CONNECTION TO MECHANICAL EQUIPMENT SHALL BE COORDINATED WITH MECHANICAL TRADE. LOCATION OF ALL MECHANICAL EQUIPMENT AND CONTROLS SHOWN ON ELECTRICAL DRAWINGS SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL EQUIPMENT AND DEVICES WITH MECHANICAL TRADE.
 - PRIOR TO DEMOLITION, CONTRACTOR TO TRACE AND CONFIRM ALL CIRCUITS.
 - ALL HEAVY INDICATED TO BE REMOVED ARE TO BE REMOVED WITH WIRING BACK TO THE SOURCE.

- DRAWING NOTES:** (3)
- TYPICAL: CONTRACTOR TO REMOVE & DISPOSE OF THE EXISTING RACEWAY AND RECEPTACLES. THE BRANCH WIRING AND CIRCUITS FOR THESE RECEPTACLES SHALL BE RE-USED FOR THE NEW RECEPTACLES. REFER TO THE PANEL SCHEDULE ON SHEET E002 FOR FURTHER DETAILS.
 - TYPICAL: CONTRACTOR SHALL SUPPLY AND INSTALL NEW RECEPTACLE AS IDENTIFIED ON DRAWING. CONTRACTOR SHALL RE-USE THE EXISTING CIRCUITRY LOCATED AT THE SOURCE OF THE RACEWAY. REFER TO THE PANEL SCHEDULE ON SHEET E002 FOR FURTHER DETAILS.

USE AND LIMITATION OF DRAWINGS

GENERAL CONTRACTOR OF THIS CONTRACTOR OR SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION AND DATA PROVIDED AND THE USE OF THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION AND DATA PROVIDED AND THE USE OF THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION AND DATA PROVIDED AND THE USE OF THE DRAWINGS.

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NO.	REVISIONS	BY	DATE
02	ISSUED FOR PERMIT	K.B.	OCT. 07, 2022
01	ISSUED FOR RFP	K.B.	SEP. 30, 2022
	CONDITIONAL		



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CLIENT: BRANTON CONSTRUCTION GROUP

DESIGNED BY: K.B. DRAWN BY: K.B. APPROVED BY: M.T.

PROJECT: CLASSROOM FIT-UP
BELL SENSIPLEX, 1565 MAPLE GROVE RD.,
KANATA, ON

DRAWING TITLE: POWER LAYOUT
DEMOLITION & CONSTRUCTION

PROJECT NO.: 220639 E300



A FIRE ALARM LAYOUT - DEMOLITION
SCALE: 1:100

B FIRE ALARM LAYOUT - CONSTRUCTION
SCALE: 1:100

GENERAL NOTES:

1. ALL ELECTRICAL EQUIPMENT LOCATIONS ON ELECTRICAL DRAWINGS ARE TO BE CONSIDERED APPROXIMATE. ANY DEVIATION OF LOCATIONS OF ELECTRICAL EQUIPMENT SHALL BE MARKED-UP ACCORDINGLY FOR ACCURATE REPRESENTATION ON AS-BUILT PLANS.
2. ARCHITECTURAL BACKGROUNDS IN ELECTRICAL DRAWINGS ARE REPRESENTATIVE ONLY, ALTHOUGH EVERY EFFORT HAS BEEN MADE TO ENSURE THE ACCURACY OF THESE BACKGROUNDS. ACTUAL SITE CONDITIONS AND LATEST ARCHITECTURAL DOCUMENTS MAY VARY FROM ELECTRICAL DRAWINGS. CONTRACTOR SHALL VERIFY EXACT ARCHITECTURAL LAYOUT ON SITE PRIOR TO CONSTRUCTION.
3. ALL WALL PENETRATIONS ARE TO BE PRESTRESSED WITH APPROVED FIRE STOPPING MATERIAL TO MATCH EXISTING FIRE SEPARATION RATINGS FROM OWNER.
4. ALL FIELD DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND UL-C-552A.
5. THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT, THEY COMPLY, OR FOR PROBLEMS WHICH ARISE FROM OTHER FAILURE TO OBTAIN AND/OR FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES AMBIGUITIES OR CONFLICTS WHICH ARE ALLOTTED.
6. ALL DEVICES IN THE ALARM SYSTEM SHALL BE COMPATIBLE AND INSTALLED TO MANUFACTURERS SPECIFICATIONS.
7. MANUAL PULL STATIONS SHALL BE MOUNTED 1000MM - 1150MM TO THE CENTER OF THE MANUAL STATION SHALL BE INSTALLED IN ACCORDANCE WITH CAN/ULC-552A.
8. SUPERVISION:
 - 8.1. ALL WIRING TO THE INITIATING AND NOTIFICATION DEVICES SHALL BE SUPERVISED.
 - 8.2. THE SYSTEM SHALL BE ELECTRICAL SUPERVISED SO THAT THE OCCURRENCE OF A SINGLE OPEN OR GROUND FAULT OR ANY FIELD WIRING OR FAILURE OF PRIMARY POWER SUPPLY WILL CAUSE A VISUAL "TROUBLE" AT THE FIRE ALARM CONTROL PANEL. THE TROUBLE SIGNAL SHALL BE TRANSMITTED TO THE APPROVED CENTRAL STATION FOR APPROPRIATE ACTION.

USE AND INTERPRETATION OF CONTRACT
SEVERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION ARE PART OF THE CONTRACT DOCUMENTS AND SHALL BE USED AS PART OF THE BIDDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND REVIEWING THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND REVIEWING THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND REVIEWING THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND REVIEWING THE CONTRACT DOCUMENTS.

GENERAL NOTES:
CONTRACTOR SHALL VERIFY EXACT ARCHITECTURAL LAYOUT ON SITE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND REVIEWING THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND REVIEWING THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND REVIEWING THE CONTRACT DOCUMENTS.

62	ISSUED FOR PERMIT	K.B.	OCT 07, 2022
61	COORDINATION	K.B.	SEP 30, 2022
NO.	REVISIONS	BY	DATE



FOR AUTHENTIC LAYOUTS SEARCH AND DTD

LRJ
REGISTERED PROFESSIONAL ENGINEER
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www.lrj.ca | (416) 842-2434

CLIENT: BRANTON CONSTRUCTION GROUP
DESIGNED BY: K.B. DRAWN BY: K.B. APPROVED BY: M.T.
PROJECT: CLASSROOM FIT-UP
BELL SENSPLEX - 1565 MAPLE GROVE RD., KANATA, ON

DRAWING TITLE: FIRE ALARM LAYOUT
DEMOLITION & CONSTRUCTION

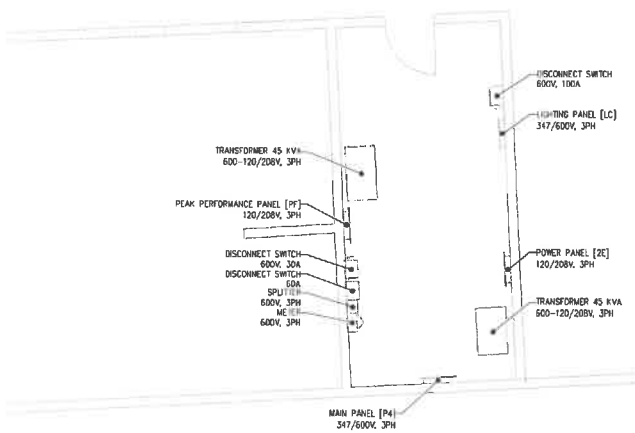
PROJECT NO: 220639 E400

SHEET NO.		PAGE NO.		SHEET TOTALS	
100		725		740	
GENERAL INFORMATION		SCHEDULE SUMMARY		SHEET TOTALS	
NO.	DESCRIPTION	QTY	UNIT	NO.	DESCRIPTION
1	RECEPT. OFFICE 01	2		1	RECEPT. OFFICE 01
2	RECEPT. LAB 04	4		2	RECEPT. LAB 04
3	RECEPT. TREATM. LAB 04	6		3	RECEPT. TREATM. LAB 04
4	RECEPT. OFFICE 05 & 07	12		4	RECEPT. OFFICE 05 & 07
5	RECEPT. TREATM. LAB 04	6		5	RECEPT. TREATM. LAB 04
6	RECEPT. OFFICE 06 & 08	10		6	RECEPT. OFFICE 06 & 08
7	RECEPT. OFFICE 05 & 07	12		7	RECEPT. OFFICE 05 & 07
8	RECEPT. OFFICE 05 & 07	12		8	RECEPT. OFFICE 05 & 07
9	RECEPT. OFFICE 05 & 07	12		9	RECEPT. OFFICE 05 & 07
10	RECEPT. OFFICE 05 & 07	12		10	RECEPT. OFFICE 05 & 07
11	RECEPT. OFFICE 05 & 07	12		11	RECEPT. OFFICE 05 & 07
12	RECEPT. OFFICE 05 & 07	12		12	RECEPT. OFFICE 05 & 07
13	RECEPT. OFFICE 05 & 07	12		13	RECEPT. OFFICE 05 & 07
14	RECEPT. OFFICE 05 & 07	12		14	RECEPT. OFFICE 05 & 07
15	RECEPT. OFFICE 05 & 07	12		15	RECEPT. OFFICE 05 & 07
16	RECEPT. OFFICE 05 & 07	12		16	RECEPT. OFFICE 05 & 07
17	RECEPT. OFFICE 05 & 07	12		17	RECEPT. OFFICE 05 & 07
18	RECEPT. OFFICE 05 & 07	12		18	RECEPT. OFFICE 05 & 07
19	RECEPT. OFFICE 05 & 07	12		19	RECEPT. OFFICE 05 & 07
20	RECEPT. OFFICE 05 & 07	12		20	RECEPT. OFFICE 05 & 07
21	RECEPT. OFFICE 05 & 07	12		21	RECEPT. OFFICE 05 & 07
22	RECEPT. OFFICE 05 & 07	12		22	RECEPT. OFFICE 05 & 07
23	RECEPT. OFFICE 05 & 07	12		23	RECEPT. OFFICE 05 & 07
24	RECEPT. OFFICE 05 & 07	12		24	RECEPT. OFFICE 05 & 07
25	RECEPT. OFFICE 05 & 07	12		25	RECEPT. OFFICE 05 & 07
26	RECEPT. OFFICE 05 & 07	12		26	RECEPT. OFFICE 05 & 07
27	RECEPT. OFFICE 05 & 07	12		27	RECEPT. OFFICE 05 & 07
28	RECEPT. OFFICE 05 & 07	12		28	RECEPT. OFFICE 05 & 07
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39	RECEPT. OFFICE 05 & 07	12		39	RECEPT. OFFICE 05 & 07
40	RECEPT. OFFICE 05 & 07	12		40	RECEPT. OFFICE 05 & 07
41	RECEPT. OFFICE 05 & 07	12		41	RECEPT. OFFICE 05 & 07
42	RECEPT. OFFICE 05 & 07	12		42	RECEPT. OFFICE 05 & 07

B
100
ELECTRICAL PANEL SCHEDULE - EXISTING
SCALE: N.T.S.

SHEET NO.		PAGE NO.		SHEET TOTALS	
100		725		740	
GENERAL INFORMATION		SCHEDULE SUMMARY		SHEET TOTALS	
NO.	DESCRIPTION	QTY	UNIT	NO.	DESCRIPTION
1	LIGHTING CHANGE R/S	15		1	RECEPT. OFFICE 01
2	RECEPT. LAB 04	4		2	RECEPT. LAB 04
3	RECEPT. TREATM. LAB 04	6		3	RECEPT. TREATM. LAB 04
4	RECEPT. OFFICE 05 & 07	12		4	RECEPT. OFFICE 05 & 07
5	RECEPT. TREATM. LAB 04	6		5	RECEPT. TREATM. LAB 04
6	RECEPT. OFFICE 06 & 08	10		6	RECEPT. OFFICE 06 & 08
7	RECEPT. OFFICE 05 & 07	12		7	RECEPT. OFFICE 05 & 07
8	RECEPT. OFFICE 05 & 07	12		8	RECEPT. OFFICE 05 & 07
9	RECEPT. OFFICE 05 & 07	12		9	RECEPT. OFFICE 05 & 07
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13	RECEPT. OFFICE 05 & 07	12		13	RECEPT. OFFICE 05 & 07
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30	RECEPT. OFFICE 05 & 07	12		30	RECEPT. OFFICE 05 & 07
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35	RECEPT. OFFICE 05 & 07	12		35	RECEPT. OFFICE 05 & 07
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39	RECEPT. OFFICE 05 & 07	12		39	RECEPT. OFFICE 05 & 07
40	RECEPT. OFFICE 05 & 07	12		40	RECEPT. OFFICE 05 & 07
41	RECEPT. OFFICE 05 & 07	12		41	RECEPT. OFFICE 05 & 07
42	RECEPT. OFFICE 05 & 07	12		42	RECEPT. OFFICE 05 & 07

B
100
ELECTRICAL PANEL SCHEDULE - MODIFIED
SCALE: N.T.S.



A
100
ELECTRICAL ROOM LAYOUT
SCALE: N.T.S.

LIGHT FIXTURE SCHEDULE							
TYPE	DESCRIPTION	BRAND	VOLTAGE	COLOR TEMP	LUMENS	WATTAGE	NOTES
A	4" LED STRIP LIGHT - CURRENT LALS4420W90H0800	GE	120V	3000K	1500	82W	-
B	EXIT SIGN - WALL MOUNTED	LUMACELL	120V	-	-	1W	-
C	EXIT SIGN CEILING MOUNTED C/W SUSPENDED MOUNTING ROD	LUMACELL	120V	-	-	1W	-
D	BATTERY UNIT C/W 2 REMOTE HEADS	LUMACELL	120V	-	-	1W	-
E	2 REMOTE HEADS	LUMACELL	120V	-	-	1W	-

C
100
ELECTRICAL LIGHT FIXTURE SCHEDULE
SCALE: N.T.S.

NOTES AND REVISIONS:

GENERAL CONTRACTOR TO VERIFY THE ELECTRICAL AND MECHANICAL WORK WITH THE CONTRACT DOCUMENTS AND NOTIFY THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION.

AS A CONDITION OF SERVICE, ALL DRAWINGS, SPECIFICATIONS, LABOR PAGES OR OTHER DOCUMENTS MUST BE CORRECTED AND REISSUED BY THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION.

REVISIONS:

NO. 01 ISSUED FOR PERMIT K.B. OCT. 07, 2023

NO. 02 ISSUED FOR 50% DEVELOPMENT K.B. SEP. 04, 2022

NO. 03 REVISIONS BY DATE

BRANTON CONSTRUCTION GROUP

ENGINEERING | DESIGN | CONSTRUCTION

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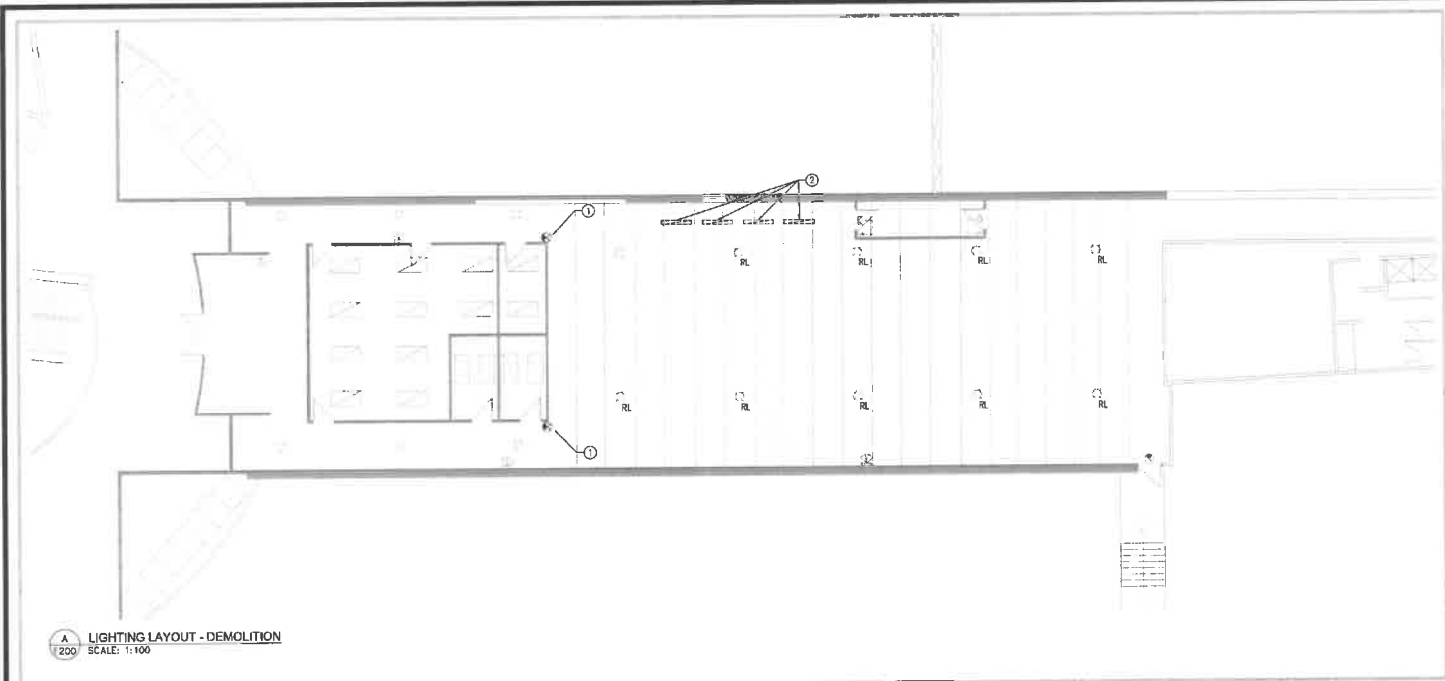
www.brantonconstruction.com

PROJECT: CLASSROOM FIT-UP & ELECTRICAL PANEL AND LIGHT FIXTURE SCHEDULE

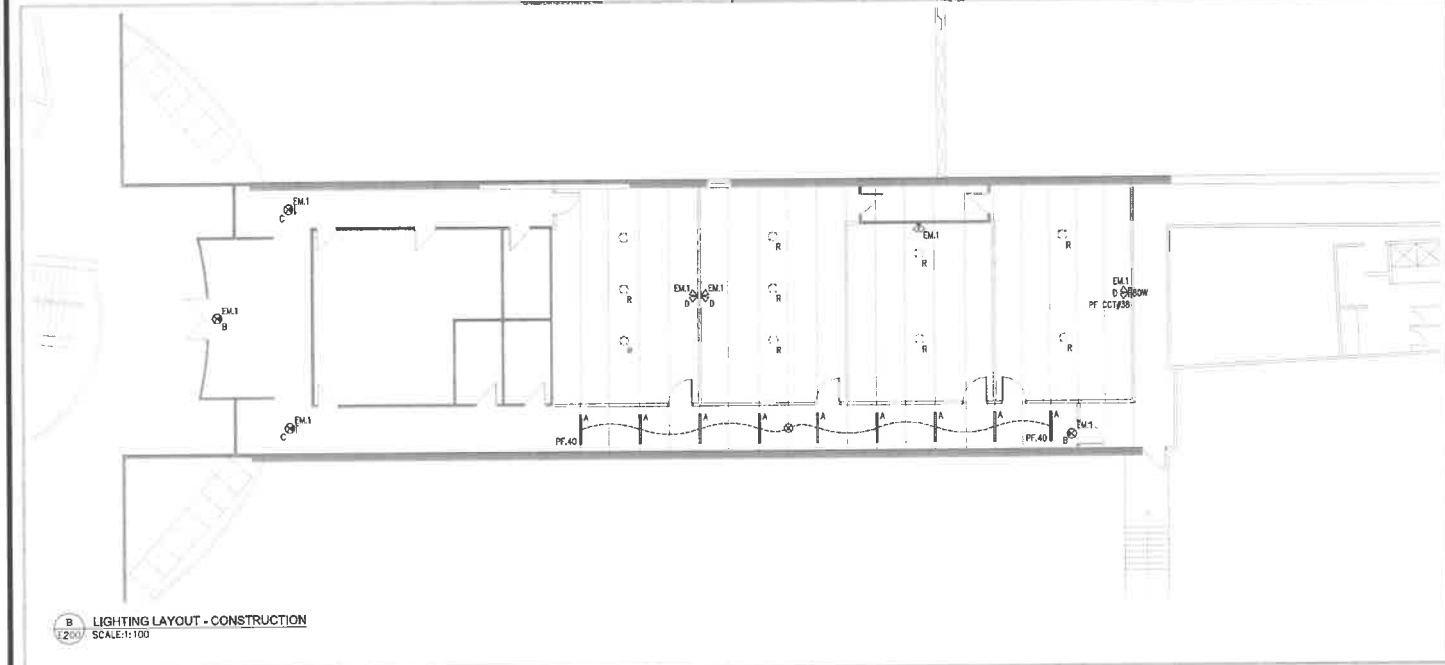
DESIGNED BY: E.B. DRAWN BY: K.B. APPROVED BY: M.T.

DRAWING TITLE: ELECTRICAL ROOM DETAILS & ELECTRICAL PANEL AND LIGHT FIXTURE SCHEDULE

PROJECT NO. 220639 E002



A
E200
LIGHTING LAYOUT - DEMOLITION
SCALE: 1:100



B
E200
LIGHTING LAYOUT - CONSTRUCTION
SCALE: 1:100

- GENERAL NOTES:**
- REFER TO PANEL LEGEND PROVIDED ON SHEET E002 TO GET COMMON AREA CIRCUITING INFORMATION
 - ALL ELECTRICAL EQUIPMENT LOCATIONS ON ELECTRICAL DRAWINGS ARE TO BE CONSIDERED APPROXIMATE. ANY DEVIATION OF LOCATIONS OF ELECTRICAL EQUIPMENT SHALL BE MARKED-UP ACCORDINGLY FOR ACCURATE REPRESENTATION ON AS-BUILT PLANS.
 - ARCHITECTURAL BACKGROUNDS IN ELECTRICAL DRAWINGS ARE REPRESENTATIVE ONLY. ALTHOUGH EVERY EFFORT HAS BEEN MADE TO ENSURE THE ACCURACY OF THESE BACKGROUNDS, ACTUAL SITE CONDITIONS AND LATEST ARCHITECTURAL DOCUMENTS MAY VARY FROM ELECTRICAL DRAWINGS. CONTRACTOR SHALL VERIFY EXACT ARCHITECTURAL LAYOUT ON SITE PRIOR TO CONSTRUCTION.
 - ALL WALL PENETRATIONS ARE TO BE PREFORMED WITH APPROVED FIRE STOPPING MATERIAL TO MATCH EXISTING/FIRE RATING. CONTRACTOR SHALL COORDINATE FIRE SEPARATION RATINGS FROM ARCHITECTURAL TRADE. PATCH AND MAKE GOOD ALL PENETRATIONS IN WALLS, CEILINGS, COLUMNS, ETC.
 - ALL ITEMS INDICATED TO BE REMOVED ARE TO BE REMOVED WITH WIRING BACK TO THE SOURCE.

- DRAWING NOTES:**
- CONTRACTOR TO REMOVE THE EXIT SIGN.
 - CONTRACTOR TO REMOVE THE LIGHTS.

GENERAL CONTRACTOR'S OBLIGATION:
GENERAL CONTRACTOR OF THE CONTRACT FOR CONSTRUCTION AND AREA OF THE CONTRACT DOCUMENTS AND SPECIFICATIONS AND AREA OF THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS.

USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS.

AS NOTED ON DRAWING:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS.

IN THE EVENT OF A DISCREPANCY BETWEEN THE DRAWINGS AND THE FIELD CONDITIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS.

IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE ELECTRICAL SYSTEMS.

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE COMMENCEMENT OF WORK.

NO.	REVISIONS	BY	DATE
02	ISSUED FOR PERMIT	K.B.	DEC 07, 2022
01	COORDINATION	K.B.	SEP 30, 2022

REGISTERED PROFESSIONAL ENGINEER
M. J. JENSEN
ELECTRICAL ENGINEERING
STATE OF ILLINOIS

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3805 BEECHER - HIGHLAND DRIVE
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CLIENT
BRANTON CONSTRUCTION GROUP

DESIGNED BY: K.B. DRAWN BY: K.B. APPROVED BY: M.T.

PROJECT:
**CLASSROOM FIT-UP
BELL SENSIBLEX - 1565 MAPLE GROVE RD.,
KANATA, ON**

DRAWING TITLE
**LIGHTING LAYOUT
DEMOLITION & CONSTRUCTION**

PROJECT NO.
220639

E200

GENERAL ELECTRICAL LEGEND

- DISCONNECT SWITCH
- ELECTRICAL PANEL
- MOTOR (1 PHASE)

LIGHTING LEGEND

- SUSPENDED STRIP LIGHT
- ⊥ WALL SCENE
- SUSPENDED CEILING LIGHT
- 2' x 4' LED PROPER LIGHT

LIGHTING LEGEND

- ⊙ CEILING MOUNTED, EXIT LIGHT SHADING INDICATED FACE
- ⊙ EXIT LIGHT, ARROWS INDICATE DIRECTION, SHADING INDICATING FACE
- ⊙ EMERGENCY LIGHTING DOUBLE REMOTE HEAD
- ⊙ EMERGENCY LIGHTING, WALL MOUNTED SINGLE REMOTE HEAD
- ⊙ EMERGENCY LIGHTING WITH BATTERY PACK, WALL MOUNTED
- ⊙ OCCUPANCY SENSOR

POWER LEGEND

- ⊙ 15A, 125V DUPLEX RECEPTACLE
- ⊙ 15A, 125V RECEPTACLE, CEILING MOUNTED

FIRE ALARM LEGEND

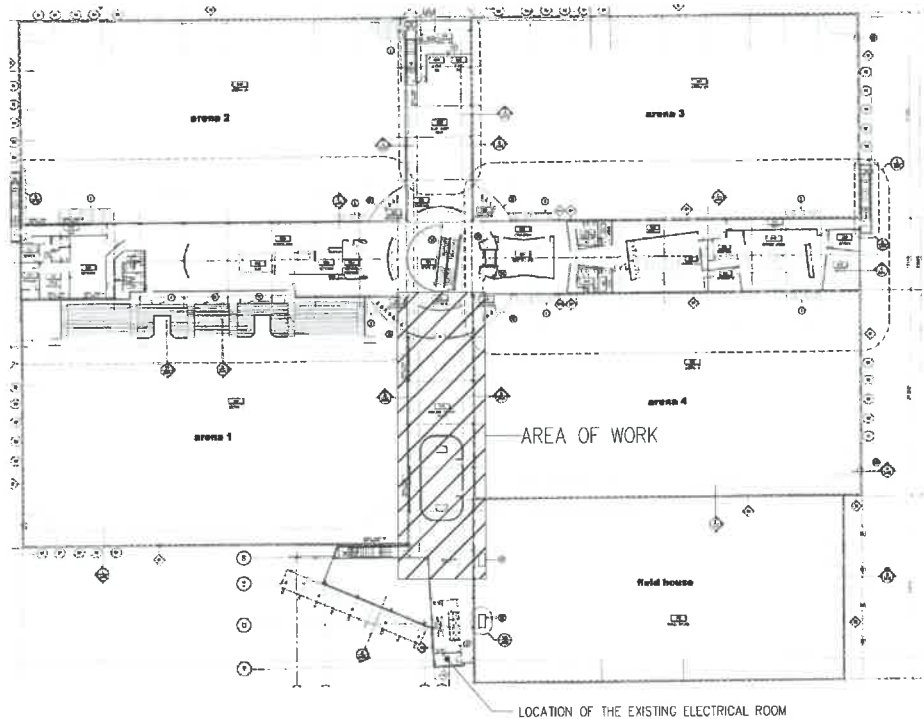
- ⊙ FIRE ALARM HORN
- ⊙ FIRE ALARM HORN WITH STROBE
- ⊙ FIRE ALARM MANUAL PULL STATION
- ⊙ FIRE EXTINGUISHER

NOMENCLATURE

- EXISTING DEVICE TO BE REMOVED
- NEW
- RL EXISTING ELECTRICAL DEVICE TO BE RELOCATED
- R RELOCATED EXISTING ELECTRICAL DEVICE
- N NEW ELECTRICAL DEVICE

ELECTRICAL DRAWING LIST

GENERAL ELECTRICAL	
E000	ELECTRICAL SPECIFICATIONS
E001	ELECTRICAL SITE PLAN & DRAWING LEGENDS
E002	ELECTRICAL ROOM DETAILS & ELECTRICAL PANEL AND LIGHT FIXTURE SCHEDULE
LIGHTING	
E200	LIGHTING LAYOUT - DEMOLITION & CONSTRUCTION
POWER	
E300	FIRE ALARM LAYOUT - DEMOLITION & CONSTRUCTION
FIRE ALARM	
E400	FIRE ALARM LAYOUT - DEMOLITION & CONSTRUCTION



A ELECTRICAL SITE PLAN
SCALE: N.T.S.

USE THESE NOTIFICATIONS TO CONTRACTORS

GENERAL CONTRACTORS OF THE CONTRACT FOR CONSTRUCTION ARE HEREBY ADVISED THAT THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO THE GENERAL CONDITIONS, SPECIFICATIONS, AND DRAWINGS, SHALL BE READ AND UNDERSTOOD BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES.

GENERAL NOTES:

CONTRACTOR TO VERIFY ALL DIMENSIONS AND ADJUST THE DIMENSIONS OF ANY DIMENSIONS AS SHOWN ON THE DRAWINGS TO MATCH THE FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES.

02	ISSUED FOR PERMIT	K.B.	OCT 09, 2022
01	ISSUED FOR PERMIT	K.B.	SEP 30, 2022



NO ARCHITECTURAL MARKINGS AND NOTES

LRJ
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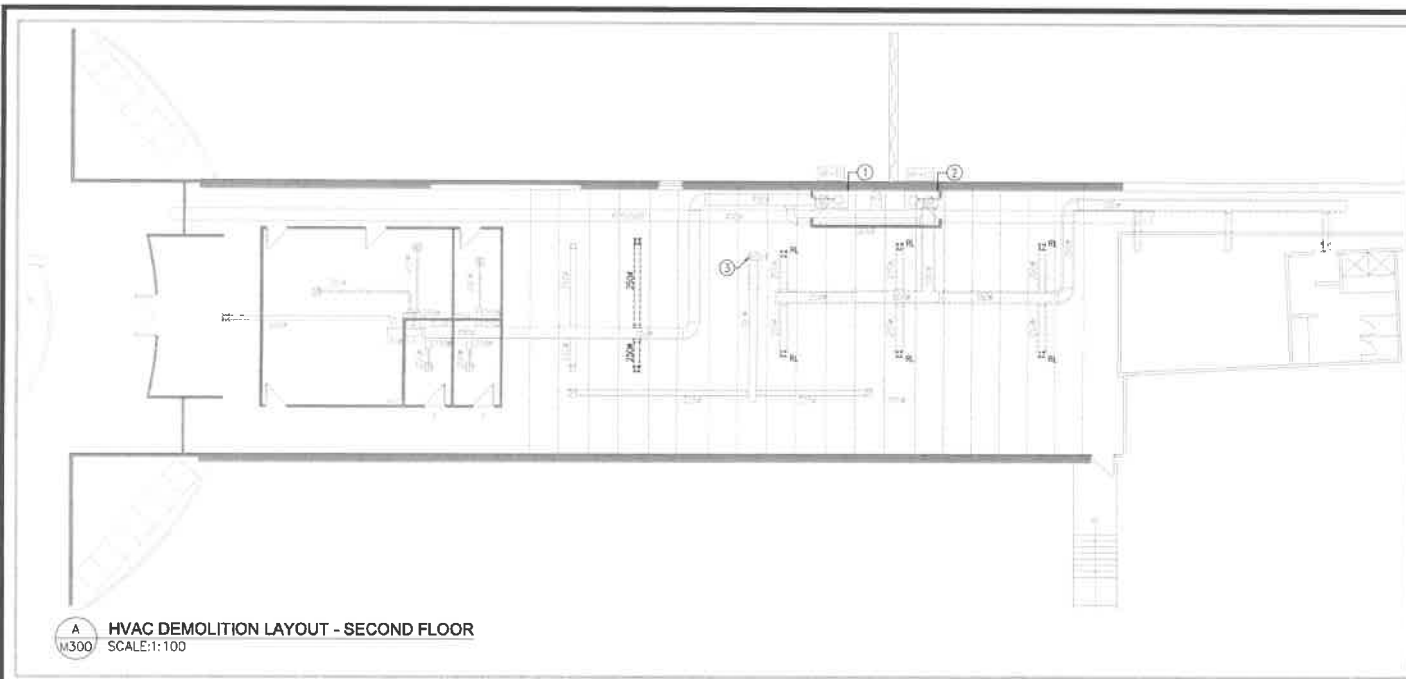
CLIENT: **BRANTON CONSTRUCTION GROUP**

DESIGNED BY: K.B. DRAWN BY: K.B. APPROVED BY: M.T.

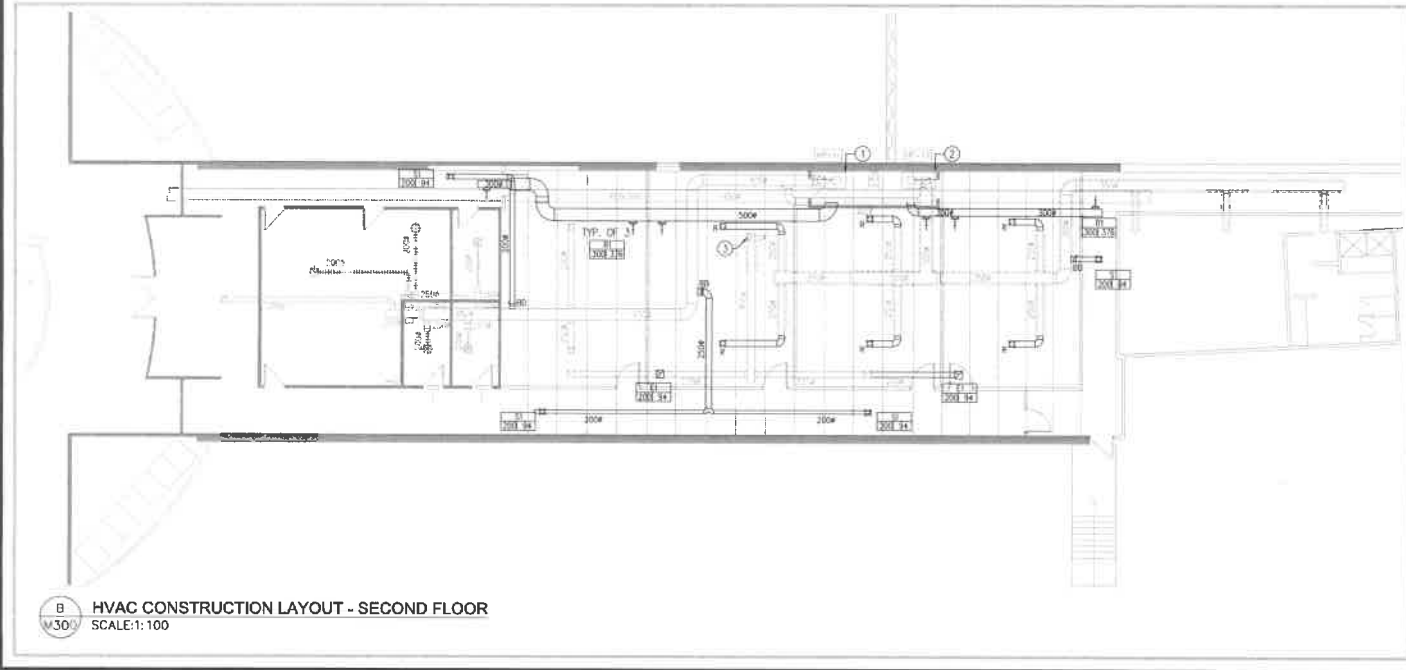
PROJECT: **CLASSROOM FIT-UP
BELL SENSIPLEX - 1565 MAPLE GROVE RD.,
KANATA, ON**

DRAWING TITLE: **ELECTRICAL SITE PLAN & DRAWING LEGENDS**

PROJECT NO: **220639 E001**



A HVAC DEMOLITION LAYOUT - SECOND FLOOR
SCALE:1:100



B HVAC CONSTRUCTION LAYOUT - SECOND FLOOR
SCALE:1:100

- DRAWING NOTES:**
- EXISTING "MOQUAY" WATER SOURCE HEAT PUMP (HP-11) W-IMS-2-108-4 TO REMAIN.
 - EXISTING "MOQUAY" WATER SOURCE HEAT PUMP (HP-12) W-IMS-2-108-1 TO REMAIN.
 - ROOFTOP EXHAUST FAN TO REMAIN.

- GENERAL NOTES:**
- ALL MECHANICAL ITEMS INDICATED ON THIS PAGE ARE EXISTING TO REMAIN UNLESS INDICATED OTHERWISE.
 - CONTRACTOR TO RETAIN A QUALIFIED AIR BALANCING CONTRACTOR TO MEASURE EXISTING SYSTEM AIR PLANS FOR BOTH HP-11+12 AIR DISTRIBUTION AND EXHAUST FAN, CORRECT VALUES PRIOR TO STARTING WORK AND SUBMIT BALANCING REPORT TO ENGINEER.

GENERAL CONDITIONS OF THE CONTRACT: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OBTAINING OF ALL NECESSARY PERMITS AND FOR THE OBTAINING OF ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OBTAINING OF ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OBTAINING OF ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITIES.

GENERAL NOTES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OBTAINING OF ALL NECESSARY PERMITS AND FOR THE OBTAINING OF ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OBTAINING OF ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITIES.

02	ISSUED FOR PERMIT	S.S.	OCT. 09, 2022
01	ISSUED FOR COORDINATION	S.S.	SEP. 30, 2022
Rev.	REVISIONS	BY	DATE



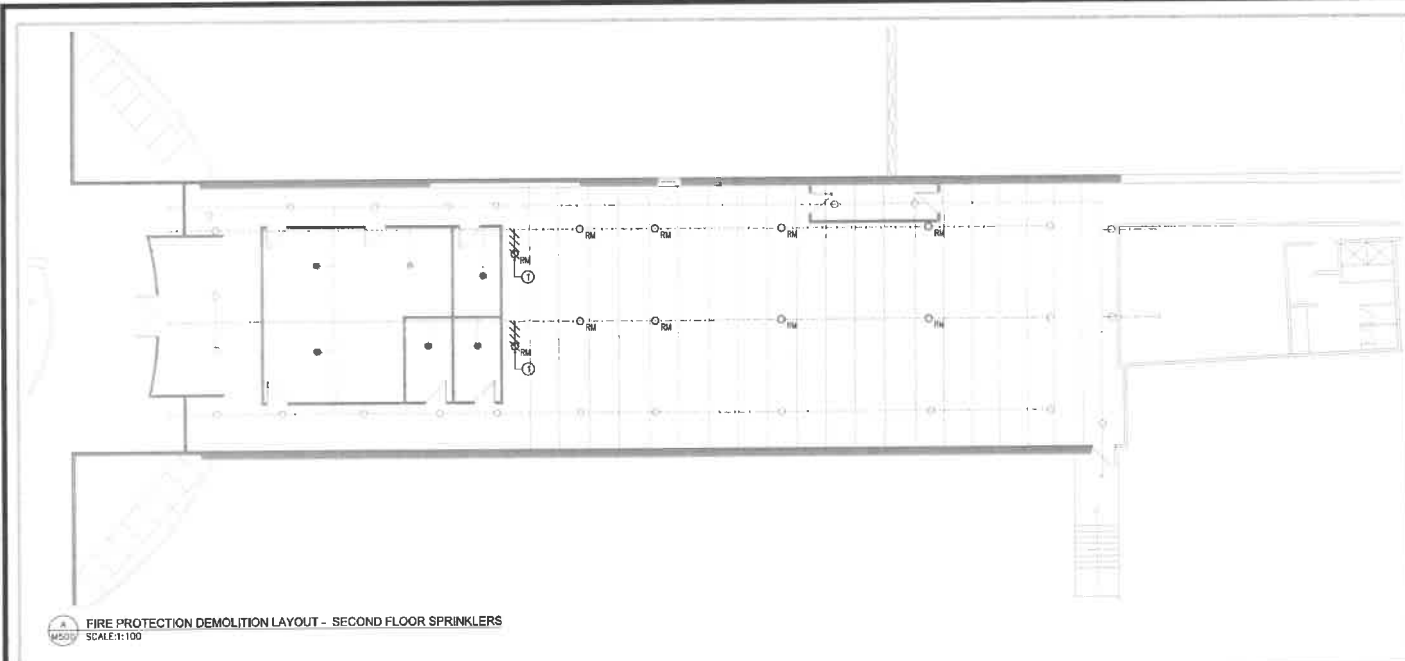
LRJ
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CLIENT:
BRANTON CONSTRUCTION GROUP

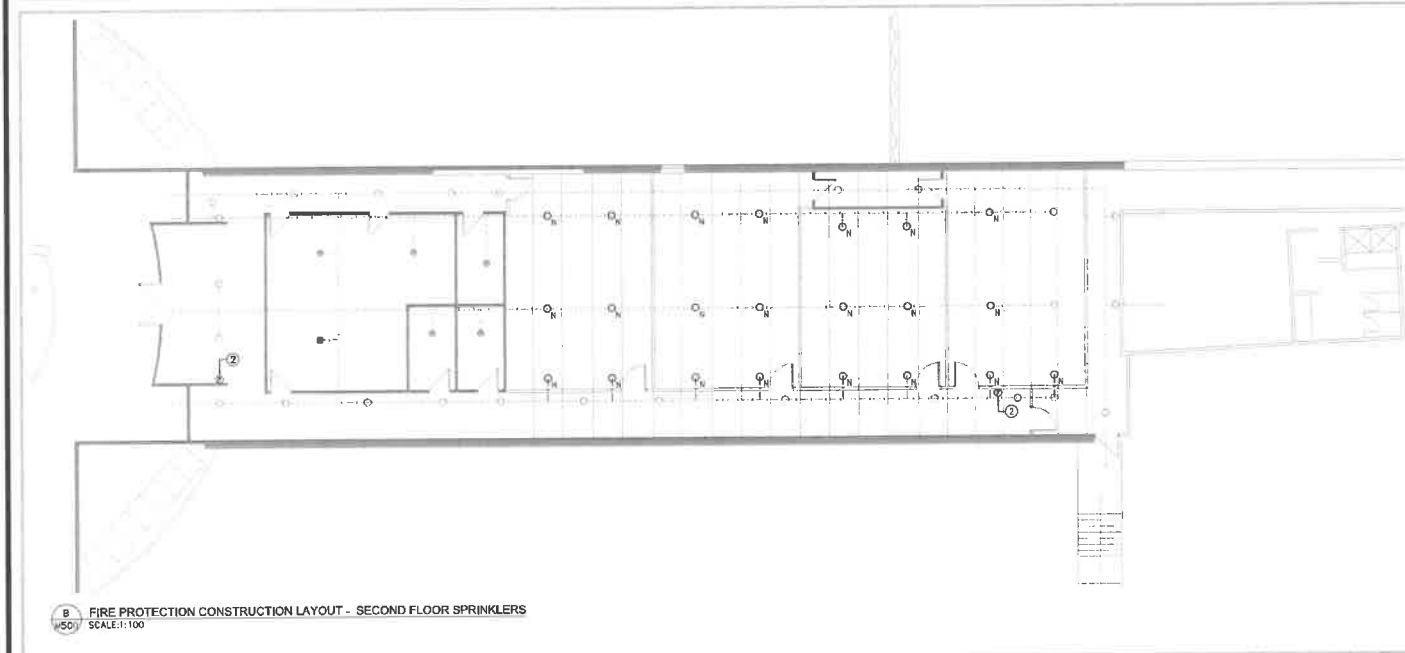
DESIGNED BY: S.S. **DRAWN BY:** M.L. **APPROVED BY:** S.S.

PROJECT:
CLASSROOM FIT-UP
BELL SENSIFLEX - 1565 MAPLE GROVE RD,
KANATA, ON

PROJECT NO.:
220639 M300



A FIRE PROTECTION DEMOLITION LAYOUT - SECOND FLOOR SPRINKLERS
SCALE:1:100



B FIRE PROTECTION CONSTRUCTION LAYOUT - SECOND FLOOR SPRINKLERS
SCALE:1:100

DRAWING NOTES:

- EXISTING UPRIGHT SPRINKLER HEAD TO BE REMOVED C/W PIPING BACK TO MAIN.
- PROVIDE NEW PORTABLE FIRE EXTINGUISHER 8KG TYPE ABC C/W WALL BRACKET.

GENERAL NOTES:

- ALL SPRINKLER HEAD AND PIPING SHOWN ON DRAWING ARE EXISTING TO REMAIN UNLESS INDICATED OTHERWISE.
- CONTRACTOR TO RETAIN QUALIFIED SPRINKLER CONTRACTOR TO PERFORM THE WORK AND PROVIDE CERTIFICATION LETTERS STAMPED BY PROFESSIONAL ENGINEER THAT INSTALLATION MEETS NFPA-13 (LATEST EDITION) REQUIREMENTS.

USE AND INTERPRETATION OF DRAWINGS
GENERAL CONTRACTOR OF THE CONTRACT FOR CONSTRUCTION AND ALL PARTS OF THE CONTRACT DOCUMENTS INCLUDING THE GENERAL CONDITIONS OF CONTRACT, SPECIFICATIONS, SCHEDULES, DRAWINGS, AND ADDENDUMS SHALL BE READ AND UNDERSTOOD BY THE CONTRACTOR BEFORE THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITIES AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM THE LOCAL AUTHORITIES.

BY USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT, THE CONTRACTOR AGREES TO HOLD THE CONTRACTOR RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT AND TO HOLD THE CONTRACTOR RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT AND TO HOLD THE CONTRACTOR RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.

THESE DRAWINGS REPRESENT THE WORK TO BE DONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT AND TO HOLD THE CONTRACTOR RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.

SPRINKLERING DRAWINGS
ON THE PARTS OF THE CONTRACT FOR CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT AND TO HOLD THE CONTRACTOR RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.

BY USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT, THE CONTRACTOR AGREES TO HOLD THE CONTRACTOR RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT AND TO HOLD THE CONTRACTOR RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.

GENERAL NOTES
SYSTEMS CONTRACT AND LETTERS SHOWING ON THESE DRAWINGS ARE TAKEN FROM THE CONTRACT DOCUMENTS AND SHALL BE READ AND UNDERSTOOD BY THE CONTRACTOR BEFORE THE COMMENCEMENT OF WORK.

CONTRACTOR IS ADVISED TO OBTAIN INFORMATION ON ALL CONDITIONS BEFORE COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT AND TO HOLD THE CONTRACTOR RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE COMMENCEMENT OF WORK.

NO.	REVISIONS	BY	DATE
02	ISSUED FOR PERMIT	S.S.	OCT. 07, 2022
01	ISSUED FOR COORDINATION	S.S.	SEP. 20, 2022



LRJ
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www.lrj.ca | (613) 863-3034

DESIGNED BY: S.S. DRAWN BY: M.L. APPROVED BY: S.S.

PROJECT: CLASSROOM FIT-UP
BELL SENSIFLEX - 1565 MAPLE GROVE RD,
KANATA, ON

DRAWING TITLE: FIRE PROTECTION DEMOLITION & CONSTRUCTION LAYOUT - SECOND FLOOR SPRINKLERS

PROJECT NO: 220639 M500

GENERAL CONDITIONS

- GENERAL
 - ALL ITEMS NOTED ON MECHANICAL AND ELECTRICAL LAYOUTS ARE THE SPECIFIC RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY, INSTALL AND MAINTAIN IN GOOD WORKING ORDER UNLESS SPECIFICALLY NOTED BY ANOTHER DIVISION.
 - ALL WORK IS TO BE COORDINATED WITH ALL OTHER TRADES AND EXISTING INSTALLATIONS TO AVOID INSTALLATION INTERFERENCES. AREAS OF COORDINATION CONFLICT SHALL BE ORGANIZED BY THE SITE COORDINATOR TO ENSURE NO ADDITIONAL COSTS ARE ADDED TO THE PROJECT.
 - THE WORK OF THE CONTRACTOR SHALL MEET THE APPROVAL OF THE OWNER AND THE ENGINEER AND EITHER OR BOTH MAY DISAPPROVE OF THE QUALITY OF THE WORKMANSHIP, MATERIALS OR EQUIPMENT, IN WHICH CASE THE CONTRACTOR SHALL BE OBLIGED TO CORRECT THE SITUATION TO THE SATISFACTION OF THE OWNER AND THE ENGINEER.
- EXAMINATION OF WORK
CONTRACTOR TO EXAMINE THE SITE AND LOCAL CONDITIONS LIKELY TO AFFECT THE WORK INDICATED AND SPECIFIED PRIOR TO SUBMITTING HIS TENDER PRICE.
- LIABILITY
THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR LAYING OUT HIS WORK AND FOR ANY DAMAGE CAUSED TO THE OWNER AND TO OTHER CONTRACTORS BY IMPROPER LOCATION OR CARRYING OUT OF THIS WORK. CONTRACTOR TO CARRY ALL NECESSARY INSURANCE COVERAGE.
THE CONTRACTOR SHALL PROTECT ALL FINISHED AND UNFINISHED WORK OF HIS OWN AND OF OTHER CONTRACTORS INCLUDING EXISTING INSTALLATIONS FROM DAMAGE DUE TO THE CARRYING OUT OF HIS WORK.
- INTENT
IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO PROVIDE FOR COMPLETE AND FULLY OPERATING SYSTEMS IN ACCORDANCE WITH ALL APPLICABLE CODES. THESE SPECIFICATIONS MAY NOT COVER EACH AND EVERY ITEM REQUIRED FOR THE COMPLETE MECHANICAL INSTALLATIONS. THE CONTRACTOR SHALL MAKE PROVISIONS FOR ALL LABOR, MATERIAL AND EQUIPMENT DEEMED NECESSARY TO COMPLETE THE MECHANICAL SYSTEMS.
- CERTIFICATES, PERMITS, FEES
CONTRACTOR MUST PAY ALL FEES AND OBTAIN ALL PERMITS NECESSARY FOR THIS PROJECT. PROVIDE AUTHORITIES WITH PLANS AND INFORMATION FOR ACCEPTANCE CERTIFICATES. FURNISH INSPECTION CERTIFICATES AS EVIDENCE THAT WORK CONFORMS WITH REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- AS-BUILT DRAWINGS
KEEP IN THE JOB OFFICE AN EXTRA SET OF WHITE PRINTS AND SPECIFICATIONS ON WHICH ALL CHANGES AND DEMANDS SHALL BE RECORDED DAILY. AT THE COMPLETION OF THE WORK, TURN OVER TO THE OWNER TWO SETS OF NEAT AS-BUILT RECORD DRAWINGS AND SPECIFICATIONS.
- SHOP DRAWINGS
BEFORE FABRICATION OF ANY MATERIALS OR EQUIPMENT, SUBMIT THROUGH THE GENERAL CONTRACTOR, ONE (1) COMPLETE SET OF ELECTRONIC SHOP DRAWINGS AND DATA SHEETS COVERING ALL ITEMS OF EQUIPMENT FURNISHED AND INTENDED FOR INSTALLATION UNDER THIS CONTRACT FOR APPROVAL BY THE ENGINEER AND THE OWNER.
- MATERIAL
 - REPLACE MATERIAL AND WORKMANSHIP BELOW SPECIFIED QUALITY AND RELOCATE WORK PROPERLY PLACED TO THE SATISFACTION OF THE ENGINEER AND THE OWNER.
 - MATERIALS AND EQUIPMENT INSTALLED SHALL BE NEW AND OF BEST QUALITY SPECIFIED. USE THE SAME MANUFACTURER FOR EACH SPECIFIC APPLICATION.
 - FOLLOW MANUFACTURERS' INSTRUCTIONS REGARDING THE HANDLING, INSTALLATION AND TESTING OF THEIR EQUIPMENT.
 - EQUIPMENT SUBSTITUTION: ALL EQUIPMENT SUPPLIED SHALL BE EXACTLY AS SPECIFIED HEREIN. SUBSTITUTIONS OR ALTERNATIVES TO WHAT IS SPECIFIED WILL NOT BE ACCEPTED AFTER THE CLOSING OF TENDERS. SUBSTITUTION OR ALTERNATIVES MUST BE SUBMITTED PRIOR TO TENDER CLOSING AND MUST BE APPROVED BY THE ENGINEER AND THE OWNER. SUBSTITUTE OR EQUIVALENT EQUIPMENT MAY BE SUBMITTED FOR APPROVAL, BUT ONLY DURING THE TENDER PERIOD. ALL EQUIVALENCY DECISIONS MADE BY THE ENGINEER AND THE OWNER WILL BE FINAL. THE BURDEN OF PROOF OF EQUIVALENT PRODUCTS BOTH IN TERMS OF PERFORMANCE AND QUALITY SHALL BE ON THE CONTRACTOR.
- TESTING
ALL TESTING AND INSPECTIONS MUST BE PERFORMED BY THE CONTRACTOR AND WITNESSED BY THE ENGINEER AND THE OWNER PRIOR TO FINAL ACCEPTANCE BY THE PROJECT.
THE CONTRACTOR SHOULD PROVIDE AND NOTIFY THE ENGINEER AND THE OWNER, A SCHEDULE OF ALL WORK AND TESTING. PROVIDE AT LEAST 72 HRS NOTICE FOR TESTING.
- GUARANTEE
THE MECHANICAL CONTRACTOR, AS A CONDITION PRECEDENT TO FINAL PAYMENT AFTER COMPLETION OF HIS WORK, SHALL GIVE THE OWNER A WRITTEN GUARANTEE WARRANTING ALL APPARATUS FURNISHED UNDER THE CONTRACT TO REMAIN IN PERFECT SERVICEABLE CONDITION FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF HIS WORK BY THE ENGINEER.
- HEALTH AND SAFETY
IT IS MANDATORY FOR THE CONTRACTOR TO COMPLY WITH THE PROVINCIAL HEALTH AND SAFETY REGULATIONS.
- CLEANING
CONTRACTOR IS RESPONSIBLE TO CLEAN THE WORK SITE EVERYDAY AT THE END OF THE WORK DAY AND TO TAKE ANY MEANS POSSIBLE TO PROTECT EXISTING EQUIPMENT AND INSTALLATIONS.
- PREPROOFING
ALL OPENINGS IN FIRE RATED WALLS, FLOORS OR CEILINGS ARE TO BE SEALED IN ACCORDANCE WITH CAN-M-5115. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE SEPARATIONS.
- MAINTAINING SERVICES
REPAIR AS SOON AS POSSIBLE ANY DISRUPTED SERVICES ESSENTIAL DURING DEMOLITION OR CONSTRUCTION OR IF NOT INTENDED TO BE REMOVED AS PART OF THIS CONTRACT, ANY EXISTING SERVICE THAT IS TO REMAIN AND IS UNAVOIDABLY DISRUPTED DURING RENOVATION SHALL BE RESTORED TO ITS ORIGINALLY FUNCTIONING STATE.
- OSHA MANUAL
AT THE END OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE OSHA MANUAL CONTAINING BUILDING NAME AND ADDRESS, PROJECT NAME, PROJECT NUMBER, COMPLETED DATE, CONTACT INFORMATION OF GENERAL CONTRACTOR, ENGINEER, SUBTRADES AND SUPPLIERS, SIGNED AND DATED LETTER OF WARRANTY IDENTIFYING THE PROJECT BY NAME, PROJECT NUMBER, LOCATION AND WARRANTY PERIOD, EXTENDED WARRANTY OF EQUIPMENT (IF APPLICABLE), ALL THE REPORTS, PRE-FUNCTIONAL TESTS, START-UP REPORTS, PERFORMANCE VERIFICATION FORMS, CONTRACTOR CERTIFICATIONS, AS-BUILT DRAWINGS, SCHEDULE OF OPERATION, DATA SHEETS AND ALL OTHER INFORMATION RELEVANT TO THE PROJECT.

MECHANICAL SPECIFICATIONS

HVAC

- GENERAL
 - ALL WORK SHOWN OR IMPLIED SHALL CONFORM TO THE LATEST EDITION OF THE ONTARIO BUILDING CODE, ASHRAE AND SMACNA STANDARDS, AND TO ALL THE RULES, REGULATIONS, REQUIREMENTS AND BYLAWS OF THE AUTHORITY HAVING JURISDICTION.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE COMPLETE AND OPERATIONAL SYSTEMS.
- PRODUCTS
 - SEALANT
 - SEAL GLASS AND DUCT LEAKAGE AS PER SMACNA OR RESISTANT, FLAME RESISTANT SEALANT.
 - GALVANIZED STEEL DUCTWORK
 - NEW AND FREE OF DENTS OR DEFECTS.
 - LOCK FORMING QUAL AND
 - THICKNESS, FABRICATION, AND REINFORCEMENT AS PER SMACNA.
 - FLEXIBLE DUCTWORK
 - SPIRAL WOUND FLEXIBLE ALUMINUM.
 - FACTORY TESTED TO 2.5 Pa WITHOUT LEAKAGE.
 - DUCTWORK THERMAL INSULATION
 - RIGID MINERAL FIBRE BOARD OR BLANKET WITH FACTORY APPLIED VAPOUR RETARDER JACKET.
 - FLAME SPREAD RATING SHALL NOT EXCEED 25. SMOKE DEVELOPMENT RATING SHALL NOT EXCEED 50.
 - DUCTWORK ACOUSTIC INSULATION
 - MINERAL FIBRE DUCT LINER, 1" THICK.
 - FLAME SPREAD RATING SHALL NOT EXCEED 25. SMOKE DEVELOPMENT RATING SHALL NOT EXCEED 50.
 - DIFFUSERS AND GRILLES
 - TYPE AND CAPACITY AS INDICATED.
 - GRILLES AND DIFFUSERS OF ONE MANUFACTURER.
 - HVAC EQUIPMENT
 - REFER TO HVAC EQUIPMENT SCHEDULE.
- EXECUTION
 - DUCTWORK
 - INSTALL DUCTWORK IN ACCORDANCE WITH SMACNA.
 - COORDINATE LOCATION OF DUCTWORK WITH OTHER DIVISIONS PRIOR TO FABRICATION.
 - DUCT TURNS TO BE AS INDICATED, WHERE MITRE BENDS ARE SHOWN, PROVIDE HOLLOW METAL TURNING VANES.
 - INSTALL FLEXIBLE DUCT CONNECTION AT THE INLET AND OUTLET TO ALL EQUIPMENT WITH ROTATING COMPONENTS.
 - MAXIMUM LENGTH OF FLEXIBLE DUCTWORK: 5'-0".
 - DUCTWORK THERMAL INSULATION
 - INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - MAINTAIN UNINTERRUPTED CONTINUITY AND INTEGRITY OF VAPOUR RETARDER AND FINISHES.
 - PROVIDE THERMAL INSULATION FOR:
 - EXHAUST DUCTWORK 10'-0" FROM EXTERIOR WALL/ROOF.
 - ALL SUPPLY, RETURN, EXHAUST DUCTWORK INSTALLED WITHIN AN UNVENTILATED SPACE.
 - DUCTWORK ACOUSTIC INSULATION:
 - INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - PROVIDE ACOUSTIC INSULATION FOR:
 - SUPPLY AND RETURN DUCTWORK 10'-0" FROM THE MECHANICAL EQUIPMENT.
 - ALL TRANSFER AIR DUCTWORK.
 - DIFFUSERS AND GRILLES
 - INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - INSTALL WITH FLAT HEAD SCREWS IN COUNTERSUNK HOLES WHERE FASTENERS ARE VISIBLE.
 - TESTING, ADJUSTING AND AIR BALANCING (TAB)
 - ALL AIR DISTRIBUTION SYSTEMS SHOWN SHALL BE BALANCED TO PROVIDE THE AIR QUANTITIES SHOWN. BALANCING CONTRACTOR TO INCLUDE ALLOWANCE FOR FINE TUNING AFTER INITIAL REPORT. SUBMIT ONE (1) ELECTRONIC COPY OF THE FINAL BALANCING REPORT DONE BY AN INDEPENDENT CONTRACTOR TO THE ENGINEER FOR REVIEW AND APPROVAL. PROVIDE BALANCING DAMPERS FOR EACH BRANCH DUCT.
 - SEISMIC RESTRAINTS
 - THE MECHANICAL CONTRACTOR SHALL PROVIDE SEISMIC RESTRAINTS AS REQUIRED FOR PIPING, CONNECTIONS, DUCTWORK, EQUIPMENT, ETC. ALL WORK PERTAINING TO SEISMIC RESTRAINTS SHALL BE DESIGNED, INSPECTED AND APPROVED BY A QUALIFIED ENGINEER.
- FIRE SUPPRESSION
 - GENERAL
 - ALL FIRE SUPPRESSION WORK TO BE COMPLETED AS PER NFPA 13. CONTRACTOR TO RETAIN THE SERVICES OF A QUALIFIED FIRE SUPPRESSION CONTRACTOR TO COMPLETE THE WORK. PROVIDE SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO STARTING THE WORK. THE SHOP DRAWINGS SHALL BE STAMPED BY A PROFESSIONAL ENGINEER QUALIFIED IN THE PROVINCE WHERE THE WORK IS BEING COMPLETED.
 - SEISMIC RESTRAINTS
 - THE FIRE SUPPRESSION CONTRACTOR SHALL PROVIDE SEISMIC RESTRAINTS AS REQUIRED FOR PIPING, CONNECTIONS, EQUIPMENT, ETC. ALL WORK PERTAINING TO SEISMIC RESTRAINTS SHALL BE DESIGNED, INSPECTED AND APPROVED BY A QUALIFIED ENGINEER.

USE AND DISPOSITION OF DRAWINGS

GENERAL CONDITIONS OF THE CONTRACT: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE PROTECTION AND PROTECTION TO THE BEST OF HIS ABILITY OF THE DRAWINGS AND SPECIFICATIONS AND TO THE BEST OF HIS ABILITY OF THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PROTECTION OF THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PROTECTION OF THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PROTECTION OF THE DRAWINGS AND SPECIFICATIONS.

IF ANY OF THE DRAWINGS OR SPECIFICATIONS OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PROTECTION OF THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PROTECTION OF THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PROTECTION OF THE DRAWINGS AND SPECIFICATIONS.

ALL INFORMATION OF SPECIAL ALL DRAWINGS, SPECIFICATIONS, CODES, PARTS OR OTHER INFORMATION, WHICH ARE CONTAINED IN OR REFERRED TO IN THE DRAWINGS AND SPECIFICATIONS, SHALL BE THE PROPERTY OF THE ENGINEER AND THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PROTECTION OF THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PROTECTION OF THE DRAWINGS AND SPECIFICATIONS.

UNLESS THE DRAWINGS ARE "ISSUED FOR CONSTRUCTION," THESE DRAWINGS SHALL BE CONSIDERED PRELIMINARY AND SHALL NOT BE USED FOR CONSTRUCTION PURPOSES.

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02	ISSUED FOR PERMIT	S.S.	OCT. 01, 2022
01	ISSUED FOR COORDINATION	S.S.	SEP. 30, 2022

No. REVISIONS BY DATE



ISSUED FOR PERMIT (SEE DATED)



1180 PRESTON ST. TORONTO, ONT. M6H 2K2
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CLIENT
BRANTON CONSTRUCTION GROUP

DRAWN BY: S.S. CHECKED BY: M.L. APPROVED BY: S.S.

PROJECT
CLASSROOM FIT-UP
BELL SENSIPLEX - 1565 MAPLE GROVE RD,
KANATA, ON

DRAWING TITLE
MECHANICAL SPECIFICATIONS

PROJECT NO.
220639 M000

GENERAL MECHANICAL LEGEND

- MECHANICAL EQUIPMENT TAG
- PIPE UP
- PIPE DOWN

FIRE PROTECTION LEGEND

- FIRE EXTINGUISHER
- PENDANT SPRINKLER HEAD
- RECESSED SPRINKLER HEAD
- FIRE HOSE CABINET

HVAC LEGEND

- RIGID DUCTWORK
- RIGID DUCTWORK C/W THERMAL INSULATION
- RIGID DUCTWORK C/W INTERNAL ACOUSTIC INSULATION
- BALANCING DAMPER
- FIRE DAMPER
- HEAT PUMP
- THERMOSTAT
- FLEXIBLE DUCTWORK
- EGG-CRATE
- TRANSFER DUCT
- DIFFUSER
- ROUND DIFFUSER
- DIFFUSER TAG
- TYPE
- FLOW [L/S]
- CONNECTION [mm]

SCHEDULE No. 1 - GRILLES & DIFFUSERS

ID #	MANUFACTURER	MODEL	DIMENSIONS [mm]	NOTES
S1	KRUEGER HVAC	-	-	1,4
R1	KRUEGER HVAC	-	-	2,4
E1	KRUEGER HVAC	-	-	3,4

- NOTES:**
- PROVIDE NEW CLOSED ROUND DIFFUSER MATCHING EXISTING STYLES. HEED SIZE AS INDICATED ON DRAWING.
 - PROVIDE DOUBLE DEFLECTION RETURN GRILLE.
 - PROVIDE EGG-CRATE RETURN GRILLE TO MATCH EXISTING STYLE.
 - CONTRACTOR TO CONFIRM SYSTEM AIR FLOWS PRIOR TO ORDERING INSTALLING EQUIPMENT TO CONFIRM GRILLE/DIFFUSER SIZING.

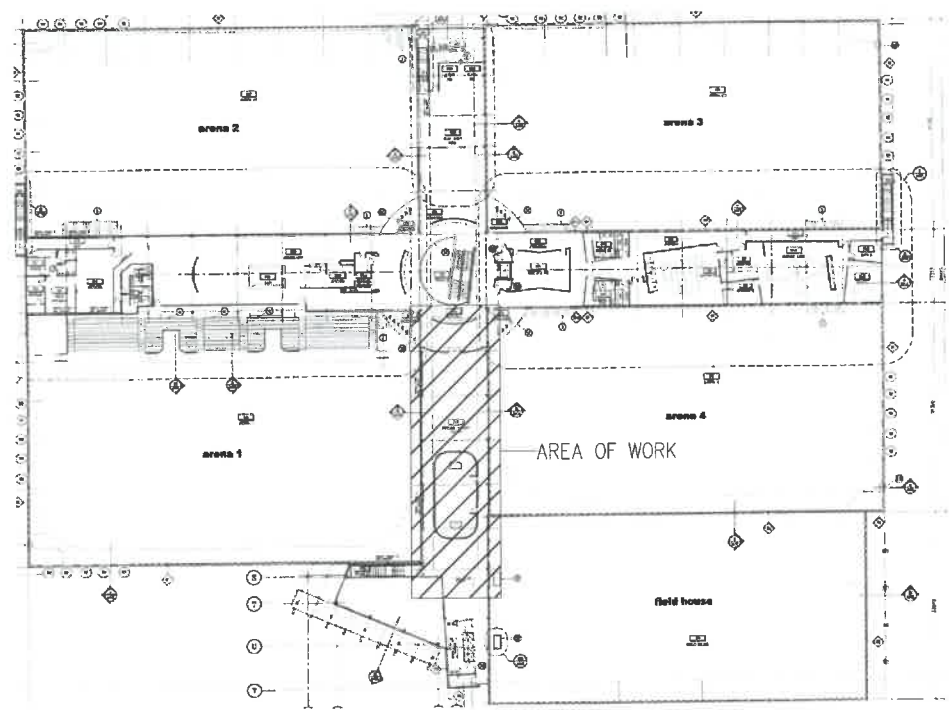
MECHANICAL DRAWING LIST

GENERAL MECHANICAL	
M000	SPECIFICATIONS
M001	MECHANICAL SITE PLAN & DRAWING LEGEND
HVAC	
M300	HVAC DEMOLITION & CONSTRUCTION LAYOUT - SECOND FLOOR
FIRE PROTECTION	
M500	FIRE PROTECTION DEMOLITION & CONSTRUCTION LAYOUT - SECOND FLOOR SPRINKLERS

GENERAL CONDITIONS OF CONTRACT FOR CONSTRUCTION ARE PART OF THE CONTRACT DOCUMENTS AND REQUIRE THE USE OF THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT.

BY USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT.

IN THE EVENT OF THE CONTRACTOR'S FAILURE TO COMPLY WITH THE REQUIREMENTS OF THE CONTRACT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE CONTRACT.



KEY PLAN
SCALE: 1:5

D2	ISSUED FOR PERMIT	S.S.	OCT. 07, 2022
D1	ISSUED FOR COORDINATION	S.S.	SEP. 30, 2022



NOT AFFILIATED WITH, EMPLOYED BY OR UNDER THE CONTROL OF THE PROFESSIONAL ENGINEER.

LRJ
SUDNY ENGINEERING & DESIGN
5400 CAROLAN ROAD | OTTAWA, ON, K1M 6K2
WWW.LRJEI.COM

CLIENT
BRANTON CONSTRUCTION GROUP

DESIGNED BY: S.S. DRAWN BY: M.L. APPROVED BY: S.S.

PROJECT
CLASSROOM FIT-UP
BELL SENSIFLEX - 1565 MAPLE GROVE RD.
KANATA, ON

DRAWING TITLE
**MECHANICAL
SITE PLAN & DRAWING LEGEND**

PROJECT NO.
220639 M001