PART 11 - RENOVATION OF EXISTING BUILDING

OBC REFERENCE [1]

	Name of Practice	Veer Architecture	•						
	Address 1	76 Chamberlain	Ave					NO ASSO	St.
	Address 2	Ottawa, ON, K1S	1V9				,	SARANO ASSO	The state of the s
	Contact	Jan Veer (jan@v	eerarch.com)					74	hu
	Name of Project	Ottawa Sports Ad	cadamy				C	JAN MICHAEL VE LICENCE 6578	ER ST
	Location/Address	1565 Maple Grov	e Drive, Kanata, ON	I, K2V1A3				And Cold	ant.
	Date	2022-10-06				Seal & Signatur	В		
11.00	BUILDING CODE	VERSION	O.Reg. 332/12	L	AST AMENDMENT	O.Reg. 191/14			
11,01	PROJECT TYPE		Renovation						[A] 1.1.2.
11.02	MAJOR OCCUPA CLASSIFICATION	NCY	OCCUPANCY			USE			3.1.2.1.(1)
			A3	Arenas		Sports Arena			
			A2	Other assemb	ly occupancies	Classrooms			
				Select occupa	ny group/division fro	om in-cell drop-do	wn lis	t to the left.	
11.03	SUPERIMPOSED OCCUPANCIES	MAJOR	-	[If Yes, provide	e explanation below	; add lines as nec	essar	y]	3.2.2.7.
11.04	BUILDING AREA	(m²)	DESCRIPTION		EXISTING	3	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 HEIGH	T	2	STOREYS AB		8.5		(m) ABOVE GRADE	[A] 1.4.1.2. & 3.2.1.1.
11.06	NUMBER OF STREET FIRE FIGHTER ACCE		3	STREETS(S)					3.2.2.10. & 3.2.5.
11,07	BUILDING SIZE		LARGE						T.11.2.1.1.BN.
11.08	CLASSIFICATION		CHANGE IN MAJ	OR OCCUPANO	CY	NO			11,2,1,1,
			CONSTRUCTION	INDEX		-			T.11.2.1.1.A.
			HAZARD INDEX			-			T.11.2.1.1.BN.
			IMPORTANCE CA	ATEGORY		•			
11.09	RENOVATION TY	PE	BASIC RENOVAT	TION					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)	
1.11 REQUIREMENTS	RATIO:	MALE:FEMAL	_E = 50:50 EXCEF	T AS NOTED OTHE	ERWISE	3.7.4.	
REQUIREMENTS	FLOOR LEVEL/AREA	OCCUPANT LOAD	OBC REFERENCE	FIXTURES REQUIRED	FIXTURES PROVIDED		
	na						
1.12 BARRIER-FREE DESIGN						11.3.3.2.(2)	
1.13 REDUCTION IN PERFORMANCE	STRUCTURAL NO						
LEVEL	[Provide a brief description here or hide this row if not needed.]						
	INCREASE IN OCCUPANT LOAD NO						
	[Provide a brief d	escription here	or hide this row if r	not needed.]			
	CHANGE OF MAJOR OCCUPANCY NO						
	[Provide a brief description here or hide this row if not needed.]						
	PLUMBING NO						
	[Provide a brief description here or hide this row if not needed.]						
	SEWAGE SYST	EM		NO			
	[Provide a brief description here or hide this row if not needed.]						
1.14 COMPENSATING CONSTRUCTION	STRUCTURAL N/A					11,4.3.2.	
	[Provide a brief of	lescription here					
	INCREASE IN OCCUPANT LOAD N/A						
	[Provide a brief description here or hide this row if not needed.]						
	CHANGE OF MA	AJOR OCCUPA	NCY	N/A		11.4.3.4.	
	[Provide a brief description here or hide this row if not needed.]						
	PLUMBING			N/A		11.4.3.5.	
	[Provide a brief	description here	or hide this row if	not needed.]			
	SEWAGE SYST	EM		N/A		11.4.3.6.	
	[Provide a brief	description here	or hide this row if	not needed.]			
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 needed.]	Alternative nur	mbers here and pro	ovide a brief descript	tion or hide this row if not		
11,16 NOTES							
		ALL DECEDE	NOTE ARE TO DIVIS	NON P OF THE OPC I	INI ESS DRECEDED BY IAI		

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occupational health and selfty.

Othish all moting parmits, the Sentenee, polentic sort contilitation more sainty to perform the work. The contractor must comply with and evidence provincials, florette and municipal laws, by-levee, regularities, orders, actions, orders and collective agreements allicating the construction and the above from Perform work in Compliance with the University Sentence Sentence

Code (ORG).

(Unters otherwise Instructed, all elements are guaranteed one (1) year from provisional acceptance of work.

(Unters otherwise high and copies of warmenties for both about and materials.

(Pervised signed and copies of warmenties for both about and materials.

(Pervised signed and application has been disheld into Sections for both and the section of both and section of work.

occurs or Liviscore of work, noter Documents and issued as a whole and no delinction shall be made ween architectural, mechanical, ejectifical, six portions of the work, romation shown in any part of the tender documents shall be binding if Caneral Contractor is required to coordinate work among various

sub-trades... The Contractor shall examine all drawings, all sections of the specifications the site, and existing building for information affecting the work, and project

use serv, also sustring outcomp over assormation associating the work, and pro-schedule. The Constitution may furnish additional dissellings to establish proper execu-or work. These dissellings will be between for chefficiation only. Such disease shall have earne investing and Intent as if they were included with plans referred to in Constitution comments. .12

referred to in Contract Documents, Wortzmanning shall be best quality, executed by workers experienced and skilled in respective dutiles for which they are employed, immediately notify Consultant if required work is such as to make it impractical to produce

required results,

Do not employ an unfit person or anyone unskilled in their required duties,

Do not employ an unfit person or anyone unskilled in their required duties,

Docklores as to qualify or filness of workmanship in cases of dispute rest

solely with Consultant whose declaries is final,

1.2 COORDINATION AND USE OF THE SITE

Ordinal for Adult List Cut The STR.

Check in differentiation on the sight before starting the work, Assume responsibility for the different pain measured from the plane, previousless and the sight of the sight of

PROJECT MEETING

Hold project meetings at times and localisms approved and chaired by the Architect . Contractor to prepare misures of all meetings, soffy all oncorned of meetings.
rdad minutes will form part of the project record and shall be

PODMETE Product rare activated, is good omatilities and of maximum evaluable differences in current on the weak of the controlled of the c

SUBMITTAL PROCEDURES (SHOP DRAWINGS / PRODUCT DATA / MOCK-UPS)

Submit promptly and in orderly sequence to not cause delay in Work. Palture to submit in ample time is not considered sufficient reason for extension of Contract Time and no claim for extension by reason of such

Frestor fives densitys, model of tide, strengthe our mode, reg. at 61 Metro miles, more and betterminent and president in 15 Metro units convenido subsiste an exceptibility, and the contraction of the

,13 Deliver samples prepaid to Consultant's business address or, if very terge, to alle office. ,14 Provide Mock-ups as requested by Client.
.15 Shop drawings do not superande the contract documents but supplement them to easier to be contracted.

1,6 CUTTING, DRILLING AND PATCHING

No driging is to be performed without the cwyer's authorization.

Cut rigid materials with a restroncy saw or a core drill, it is forbidden to use
pneumable or heremer tools on masonly or cancrate structures without

requirements.
Adjust the construction lightly around condults, coupless, sit and electrical
data as well as other elements traversing well, ceiting or the raised floors
openings. Seal consisted by the spaces around spendings with interprise
or accustic malerials, depending on their incidency, incomplicity the total
blackers of the pieced element.
First sturfaces to nature unfartnithy with adjacent finish coatings.

1.7 PROJECT COMPLETION AND CLOSEOUT

Submit completed Q&M Manuals at Substantial Completion to the respective Consultent, Submit As-Buills Drawings of Substantial Completion to the respective

Consultant, Final Completion of work: Arrange for final inspections when the project is

Complete the necessary services & requirements echieve Occupancy, Arrange the City Building Inspector review to meet the project schedule Arrange the City Building inspector review to meet the project schedule requirements.

Arrange and coordinate completion of Deliciency work prior to Substantial Comments.

Consistent, and the control of all work and Deficiencies poor to formings ent operations control of the Control of the Control of the Control of Control o

Contractor.

Develop warranty management plan to contain information relevant to

Devotor warranty management, plac to contact information retevens so Management. Control of the booked and bonded company for warranty work action; provide reams, belaybone number and authors of company authorized for construction warranty work action. Ensure contact is located within local service were of warranted construction, is certificated and metablish, and a responsive to inquiries for

Originary

1. BEALANTS

1. Service for wells, other loss agreem based with without the or sender

1. Service for wells, other loss agreem based with without the or sender

1. Service for the service for sender to the designment during one

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mement designation (special procession of the control of the contr

Joint closure:

Non corrosive and non staining type, compatible with joint forming materials and seatant recommended by seetant menufecturer.

Primer, as recommended by manufacturer.

DIVISION 7

7.2 INSULATION

Accounted and the resistant ball has latter life and word little blendar has distincted from head rock and case slag, conforming in ASTA CSS, Type I, it and that has a first a contrained from the head of the contrained from the head of the head o

Instructions.

Keep insufation minimum 75 mm from heat exhibiting devices such as recessed light fixtures, and minimum 50 mm from sidewalls of chimneys

DIVISIONS 8.1 WOOD DOORS

Wirk included: The work of this Section includes the provision of all labour, materials, equipment and services required to inbrinshe wood also does 8 transcens, as indicated on the drawings, as specified herein and as required for a

Architectural Woodwork Manufacturers' Association of Canada (AY/MAC); Architectural Woodwork Standards, 1st. Edition, 2009 (reserved to hereinafter as A shall be warranted against manufacturing defects for a puriod of three (3) from the date of Substantial Performance, Where defects occur, the cloter shell be responsible for all costs, including painting, henging and log hardware, ossociated with replacing the defective doors.

contracted what the responsible for all costs, facting institute, sneight an entirely between, execution with registral procedures and costs. In the contract procedure and the costs of th

band; Nominal 1,6 mm thick one-piece wood, species at the

option of the fabricator, Face skins; White birch species waneer, flat cut, random sijo

matched, Grade A, There shall be no sharp colour contrasts between adjacent fitches, Edge detail: AWS Type A, Sold while blich to match face veneer

Face adhesive: Type ([waterproof]. Core assembly achesive: Type (II (water-resistant).

Bend vertical edges of shighs withing dators 3 trees and no ninge side.

Bend vertical edges of shighs withing dators 3 trees and ninge side.

Fallstoals work square, plants, shraight, true and accurately filled. ade doors and panels in accordance with AWS Section 9 vertical edges of single acting doors 3 run on lock side and 1,5 mm

ULIATION: Install doors and herdware in accordance with ANSI/DHI A115 KS and install does and hardware in accordance with hardware templates and manufacturer's install does and hardware in accordance with hardware templates and manufacturer's install does

maintenance is particulated from the provided war management between doors and person and doors and finished doors and person and pe

SUGD DRAWINGS
 In Pricinal wash type of door milerted, effect cost tobboreases, mortises, relieforcements, locable not exposed features, coverings, pleased, locvored, movegement of hardware and the miling and fighter,
 2. Invitation each type hance marketial cost biliphosas, reprincements, glosting stops, continued and mortises and exposed featurelying and reprinciple, first miling. Bindows.

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From finance and some on profiles inclinated or inhinitum 1.5 mm (16 gauge) bit or fleet detection, flishes that country in the country public or fleet detection, flishes that country in the country public or flishes flis

Out infinite and pitch accusately and well commonatory on memor as surrounding professional common and pitch to the plane. (If with metallic pasts filter and saxed to surdices and control rights.)

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Profeside her (2) result/personatels or conceased at five hype develowed or angle promotine. Faith shall be in its himman.

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2. Experimental control of the price was develop specied on or below parts and configuration of the price of the profesional profesion of the price of the price

encreas. Looste anchors for frames in existing openings not more than 150mm from top and bottom of each jambs and internediate at 660 mm on

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Final Transport to CLOSAS, bistrated in Common of the Closes

All Common or Transport and common choice of optional construction.

Make dishows case for definicion of shouture to enteror electronal journal or transport transport to transport

Casellis perferrel or of finances,

Casellis perferrel or of finances between finance and adjacent materials.

8.3 HARDWARE

Preference standards: standard position of hundress must meet requirements of the Cassadam metric guide for doors and human of the Cassadam metric guide for doors and human of the Cassadam metric guide for doors and human services. In Production human, model, network and the cassadam of the cassadam o

Stationers to major matriwara it Able with the one they penetrals

Locksets: Schloge "AL" series Finish; 628 Satin Chromium Pitated Standard Duly Commercial Cylindrical Locksets, Latchsets, with Interchampenble cores, Saturn handles of refused and refuser.

Locks: Hardware to be supplied with construction cores, Al completion use Cylinder Cores from existing locksets and rejectall in new hardware, But Hinges: Hager Finish: 626 Heavy duty 127 mm high x 45 mm thick doors.

Closen; Heavy Duty LCN

Floor Stops: Standard Metal S.Serjes Finishes: 32D Stainless Steet, satin Dome Floor Stops 3103 adjust to sult with Risers as required.

8.4 GLAZING

Canadian General Standards Board (CGSB)
CAN/CGSB-12.1-M00, Temperad or Lambated Safety Glass
SubmR manufacturer's Instructions, printed product florature and data sheets for

Submit remutationer's instructions, privide product filterature and data shoots glass, academia, red glasting, accorations and inciso graduat characteristics, performance criteria, physical size. Shitch and Similations.

From the date of Cardificate of Subscheding Ferdermance, glass shell be warranted for a period of fire (S) years explaintly large characteristic productions. Production of the structure of the contraction of the structure of th

these specifications, Do not cut or sweet interpreted, heef heerted or coasted glass, verify conditions of substituties previously installed under other Sections of Contracts are exceptable for glassing prefail bin in accordance with manufacturer's written instinctions. Verify dust openings for glassing are correctly sized and within tolerance. Verify that sufficiency of public primaries or recesses are class, see of

abstructions, and ready to receive glesting.

Britom Consultant of versionspitable continues immediately upon discovery.

Clean gless jet updar to and immediately after hatelistics. Remove gazzer

Clean gless jet updar to and immediately after hatelistics. Remove gazzer

Clean gless jet upon grant grant grant grant gazzer

Provide clear copolymer strips for 160° glass-lo-glass joints on all gless e

9.1 GYPSUM BOARD ASSEMBLIES

PROMA DADA ASSEMBLES

De molt is assemble on the CDA AD 31 41185 and two CDA. Operand Construction Hardbook Laint (Siden, wavey) where specified of benefits, CONTROL (MODA) PARKES.

Whitely gains were too paper hand grysem over pare in CDA.

Hardbook (Moda) Parkes (Moda) Parkes (Moda) Parkes (Moda) Parkes (Moda)

FARTITIONIS AND ASSEMBLES, and assemes (Moda), CDB (Moda) Parkes (Moda)

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FARTITIONIS AND ASSEMBLES, AND ASSEMBL

As Justice Composition from the dissipance of years decreased the control of the

IBIATION: Verification of Conditions: werify conditions of substrates previously installed under other Sections or Contracts are acceptable for gypsu board assemblies installation in accordance with manufacturer's

etilion instructions.

Visually inspect substrate,
Inform Consultant of unacceptable conditions immediately upon Stacovery,

3 Proceed with installation only after unacceptable conditions have

Proceeds with hostalisation only after unaccorptable conditions have OFFICIAL SOLAR CONTROL AND C

missificant is the 1943 of the Board and 2000 mm, 3° on content along the vertical abuling edges. Use 31, 7 mm (1-164) serves for one (1) layer of wellboard; Use 31, 7 mm (1-164) serves for one (1) layer of wellboard; Jobata on opposita sides of the perfittion shall account offlirent stude, Cut wallboard ready to fit amount of a triumpippen. Stratal scallet at the perfinition and on both sides of all wells and as all fixed is collect of the perfinition and on both sides of all wells and as all stratal scallet at the perfinition set.

Install sealant at the perimater and on both sides of all wells and at all interruptions. All visible internal and enternal angles formed by the intersection of either wellocard surfaces or other surfaces shall be treated with viryl time, as specified herein and as inclusived.

frims, as specified herein and as britanted.
All abotitity end or deep loint shall occur over the web surface of line furing channel and shall be fitted reselly and occurately with end joint staggered.
Install caching baseds ensured perimeter of suspended ce litting.
CHING AND MANIO GOCIO.
Palch and milles good new surfaces cut, damaged or distarbed, to

Consultant's approval.

Making good shall extend beyond the immediate limits of the disturbed surfaces to ensure the imperceptible continuity of existing decor.

9,2 METAL STUD SYSTEM

RELATED REQUIREMENTS
1 Ontario Building Code (lakes edition).
2 CANS-\$136, Cold Formed Stee) Structural Members.

1 ASTM C 845.00. ARTM C 754.00 I man to unado. Assist O 754-00 Submit process parts including submit process parts including machanistic places on all training component parts including machanistic flatteness if the length of places submitted need not exceed 300 mm. Tags places with the rares of the part, the metal placeses acclasive of coading and the merulinaturer. Submit engineering unbuilstilloss or deat verifying the capacity of the members and the ability of the assemblies to meet the design

where mit R a tilly of the assembles to merk the design; with they derived; as since the size of the

EPRUS. ON-MICHAGNESHARIO CHANNEL STUD FRAMINI POR INTERIOR CHANNEL ON-MICHAGNESHARIO CHANNEL STUD FRAMINI POR INTERIOR USE: N. ASTUT GORGAT: 122 mm loog to 0.3 mm libit.or of librario framini, Korné du articulto chaine at 60 mm comment. Korné du articulto chaine at 60 mm comment. Korné du articulto chaine at 60 mm comment. FLOOR AND TOP TRACCIS FOR INTERIOR STUD WALLES: E- ASTUM COS-61-1: h within to but de late, mightime of mir library length. STUD AND TOP TRACCIS FOR INTERIOR STUD WALLES: E- ASTUM COMPANIEL STUD MICHAEL STUD WALLES: E- MIN INICIA CHAINEL STUD WALLES:

residing.

A ACOUSTICAL SEALANT IS CAUSE IN SAFE THE RESIDENCE AND THE SEALANT IS CAUSE IN SAFE THE SAFE THE SEALANT IS CAUSE IN SAFE THE SAF

ERECTION OF HOM LOAD BEARING CHANNEL STUD PRAMISH FOR PRIPARMIN (PO PRIPARMIN LOS PRIPARMINISTES PRIPARMIN LOS PRIPARMIN LOS PRIPARMINISTES PRIPA

screws or crimp pop rivers,
5 Coordinate simultaneous erection of studs with installection of service

other approved means of standing placed shrough forms another class, or class, or an electricismo, chronis of afference for all tentions can be all to the class of the class

Reference standards: except if indicated, use only paint metertals listed on the CSSB qualified products full, current edition, Patin materials for each coasting formula to be products of a intigle materialscurer. Samples safemil for approval sample for each colour.

Associated and the second seco

conduits.

5 Sand and dust between each coal to remove dejects visible from a distance of 1.5 m.
Finish top, betion, edges and cut-outs of doors after fitting as pecelled for door surfaces. Do not paint over ULC labels, Paint steel doors with affess

ent aproidal supports or anchorage for work specified in other as Sections, Provide two C4) or mines stude straining from floor to ceiling at each side of openings wider then that centient appetition or as shown on chawlings. Socure stude together, 50 mm near testing cetamn stips or other approved means of fasterning placed straight from another chia.

.13 Maintain dearmore under abeel shoulars to would terremisation of structural loads to saids, the 50 mm lags by trucks with shall consisted an a filter as possible to state for movement, fider to be minings for additional states.

14 minings for additional states, and up to be labeled states from uniquested states, and the states from uniquested states.

15 included two CC provide would be of easiest behind states and in residual neuron possible service of a paragraphs.

around perimeter of all partitions.

Extend stude vertically and tip to structure to provide jeteral studyity.

Provide diagonal bracing above catings as required to meet design

door surfaces. Do not joined over VLCL blobs, Park steed often such ashess surpress.

Like produces with a manner occlar and same and sandaring Private passes.

Like produced and the surface of the same and sandaring Private passes.

Park by Restriction Market by the same or entirespane, Oak products compactable with surface products. Conseadand to assist does not same products of the same passes of the same passes of the same products of the same passes of the same passes of the same products of the same passes of the same passes of the same products of the same passes of the same passes of the same passes of the contribute to like same passes of the same passes of the same passes of the products of the same passes of the same passes of the passes of the same passes of the same passes of the passes of the same passes of the same passes of the passes of the same passes of the passes of the passes of the same passes of the passes of passes of the passes of passes

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1 One coal bales primer-eveller,

2 Two coals bales primer-eveller,

2 Two coals bales there have been, sent glose finish.

Formulae for Interfor shop primed ferrous metal surfaces

1 Touch up with and borrowner primer.

2 Prime coal,

3 Two coals all keyl paint, sent) glose finish.

DATE DESCRIPTION

CUENT

PROJECT NORTH

ARCHITECTURAL,

MECHANICAL + ELECTRICAL

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LRJ

30 Canolek Road | Ottawe, ON, K12 9G2 www.bt.cm | (613) 842-3434

06.10.22 ISSUED FOR PERMIT

OTTAWA SPORTS ACADEMY

BELL SENSPLEX

ASSOCIA

ANCHITECTS

ISSUE REV

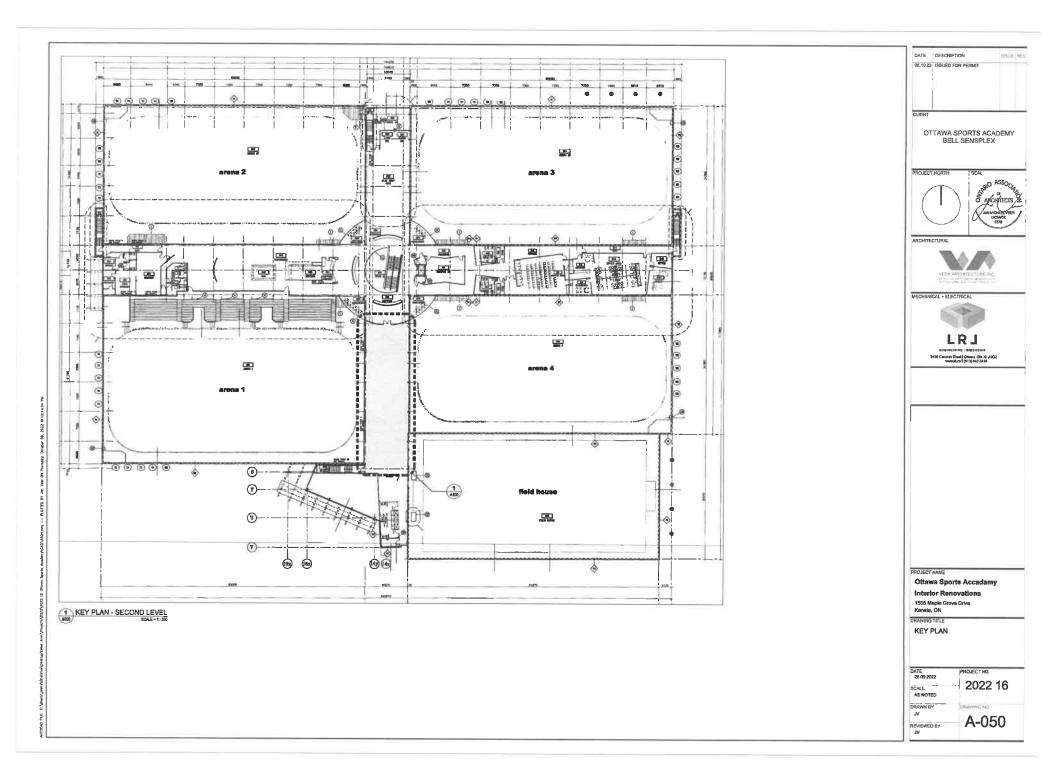
Ottawa Sports Accadamy Interior Renovations

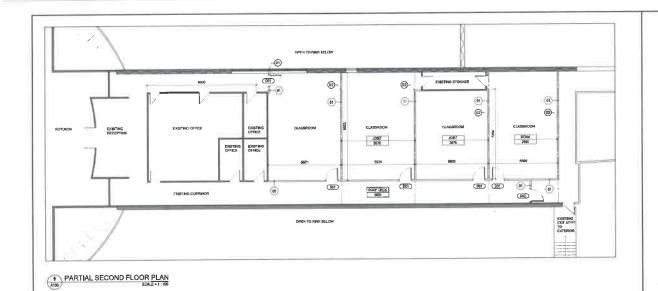
1565 Maple Grove Drive Kanata, ON DRAWING TID F SPECIFICATION

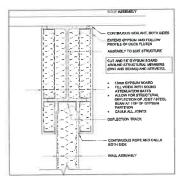
REVIEWED SY JV

28 09 2022 2022 16 SCALE AS NOTED DRAWN BY DRAWING NO JV

A-200







SECTION DETAIL AT WALL ASSEMBLY AND JOIST / BEAM SCALE = 1 : 16

	GENERAL NOTES - FLOOR PLAN
1.	EXTEND ALL NEW GYPSUM WALL ASSEMBLES TO UNDERSIDE OF THE MOOF DECK OR ROOF STRUCTURE PROVIDE ALL VERTICAL DEFLECTION AND SESSING: SUPPORT REQUIRED BY ORG.
2.	ALL NEW AND RELOCATED SWITCHES / CONTROLS TO BE LOCATED BETWEEN 100 wv. AND 1100 www. ABOVE FINISHED PLOOR
3.	ALL NEW WALLS TO BE PRINTED AND PAINTED
4.	ALL FURNITURE, FINSHES, AND PAINT SELECTION ARE BY THE CLENT.
_	FLOOR PLAN NOTES
9	ALIGN NEW YALL ASSELBLY WITH THE CENTER OF THE EXISTING WINDOW MULLION, ENTEAD WALL ASSEMBLY TO THE WINDOW MULLION AND INSTALL A PCING PARTITION END CAP WITH ALIMINAL FINISH. TO SUIT DEFINE OF WALL ASSEMBLY.
<u>@</u>	ALION NEW WOLL ASSEMBLES WITH THE CENTER OF THE STRUCTURAL ROOF JOISTS AND BEARS, INSTILL A DEFLECTION TRACK TO THE UNDIFFERE OF THE JOST AND BEAM, RETALL GYPSILM ON METAL FRAMED AND THE STRUCTURA, ROOF DAISTS AND BEAM.

		WALL ASSEMBLIES	
wy>	92 FE	isam CTPSUM BOARD Isam RELLA, ERDOS & MAY 0.C. S. L. CALTYY MYTH MOULL ACCULSTICAL PAGLILATION Sean CTPSUM BOARD	
		FLOOR PLAN LEGEND	
=	₿	MEW WALL ASSEMBLY	
		EXISTING WALL ASSEMBLY	

FLOOR PLAN LEGEND	
MEWWALL ASSERBLY	
EXISTING WALLASSEMBLY	
EXISTING DOOR	
HEW DOOR AND FRAME, REFER TO SCHEDULE	
UNDERSIDE OF EXISTING STRUCTURE ELEVATION ABOVE FINISHED FLOOR	

DOOR#	DOOR					FRAME					REMARKS		
	TYPE	WIDTH	HEIGHT	DEPTH	MAT'L	FINISH	HARDWARE	TYPE	MATL	FINISH	DEPTH	WIDTH	KEMPUNG
01	-	985	2135	45	WD	PT	001		28	PT	147	50	1
02		185	2135	45	WD	PT	002		PB	PT	147	50	
LEGE	ND							REMA	RKS				
PS · F	MOUSSOUD S MAINT	TEEL DOC	AL PTUWE										
PT - F	TMA	STEEL DOO	AL PROVINCE			HARDWAR	E 062						

DATE	DESCRIPTION	13SUE	REV
98.10.22	ISSUED FOR PERMIT		

OTTAWA SPORTS ACADEMY BELL SENSPLEX

PROJECT NORTH







MECHANICAL + ELECTRICAL



LRJ ENGINEREING LINEENIERIE 5430 Canook Road Orlaws, ON, KLI RUZ WWW,K.cat (813) 842-3434

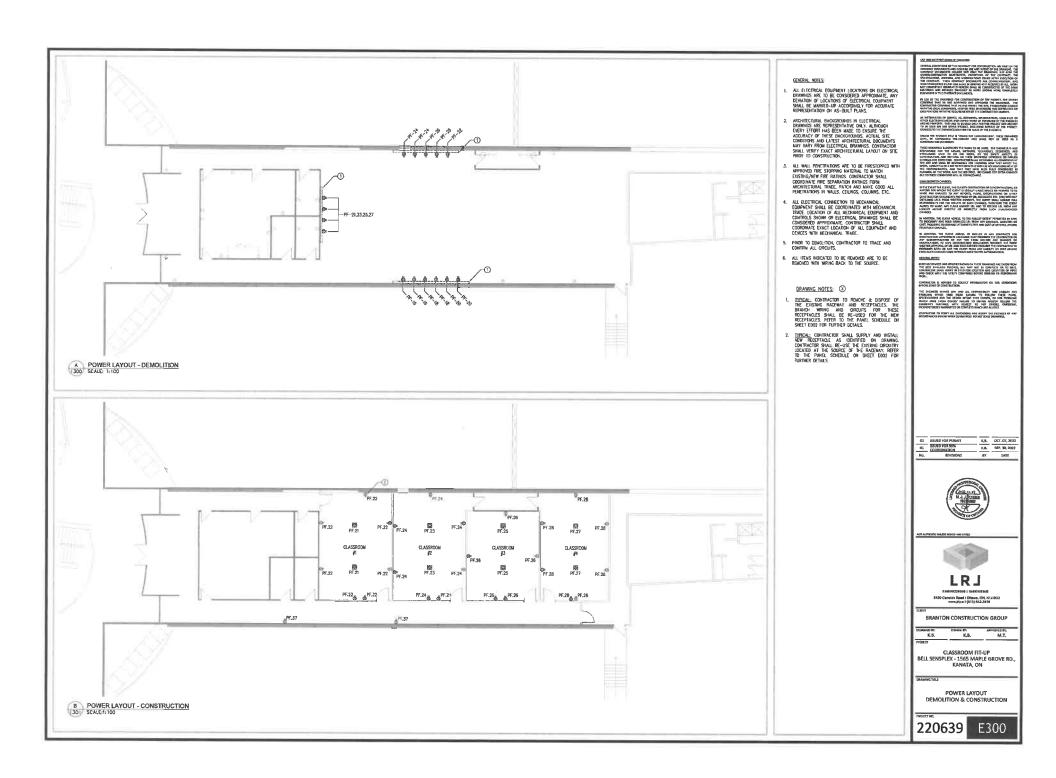
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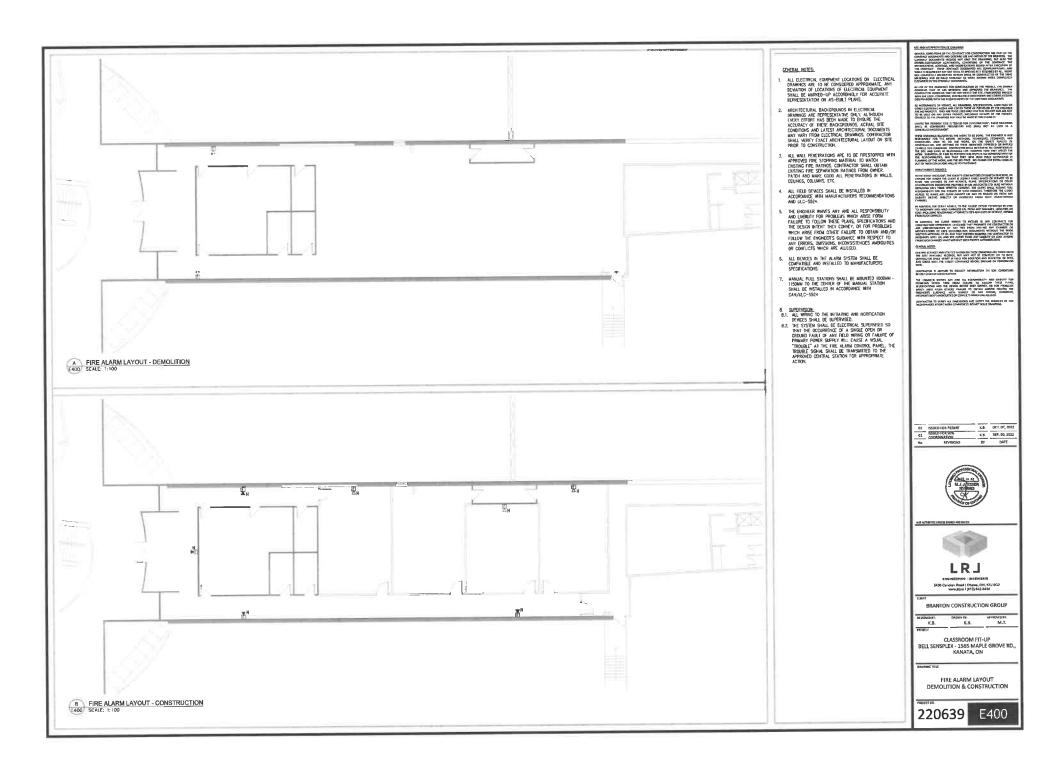
Ottawa Sports Accadamy Interior Renovations 1565 Maple Grove Drive

Kenata, ON

FLOOR PLAN DETAIL

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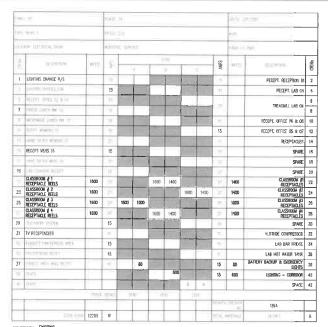




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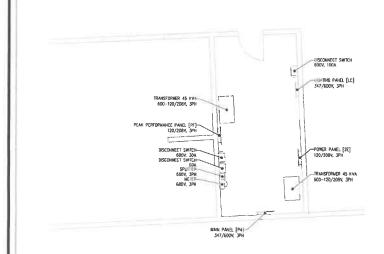
B ELECTRICAL PANEL SCHEDULE - EXISTING
100 SCALE: N.T.S.

ELECTRICAL ROOM LAYOUT
SCALE: N.T.S.



---- EXISTING MODIFIED

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



TYPE	DESCRIPTION	BRAND	VOLTACE	COLOR TEMP	LUMENS	WATTAGE	NOTES
A	4' LED STRIP LIGHT — CURRENT LALS44ADBWO9MMDBB30	GE	120¥	3000K	1500	62W	-
В	EXIT SIGN - WALL MOUNTED	LUMACELL	120V	i k	-	118	-
С	EXIT SIGN, CEILING MOUNTED C/W SUSPENDED MOUNTING ROD	LUMACELL,	120V	2	-	1W	-
D	BATTERY UNIT C/W 2 REMOTE HEADS	LUMACELL	120V	7.0	-	198	-

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

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IN ACOMON, THE CLINIAL AGRESS, TO THE FOLLEST EXTENT REPAIRTIES BY AND TO RECEMBER AND HOLE HARMLESS ISE ROCK ANY DAMAGES, LIMITURES OR COST, RECLEMENT BY ASSUMED ATTORNEYS FEES 4470 COST OF DEFENSE, AUGUST 8 FOLK MIND CLAMACE.

ENSTRUCED AND UTBITES SHOWNOW THEST CREAMINGS ARE TAKEN FROM THE MEST ANNUALISED RECORDS, BUT MAY ROT BE EXTRACTED FOR TO DATE. COMPRESS SHEEL WEST IN FEEL FOR EXCENTION AND ENTANTION OF PRES. AND ENEX SHEET THE ENTER SECOND FROM ENTANTION OF PRES. AND ENEX SHEET THE ENTER SECOND FROM THE ENTER SHEET SHEET SECOND FROM THE ENTER SHEET SHEET

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No. REVISIONS K.B. OCT. 07, 2022 K.B. SEP. 30, 2022 BY DATE





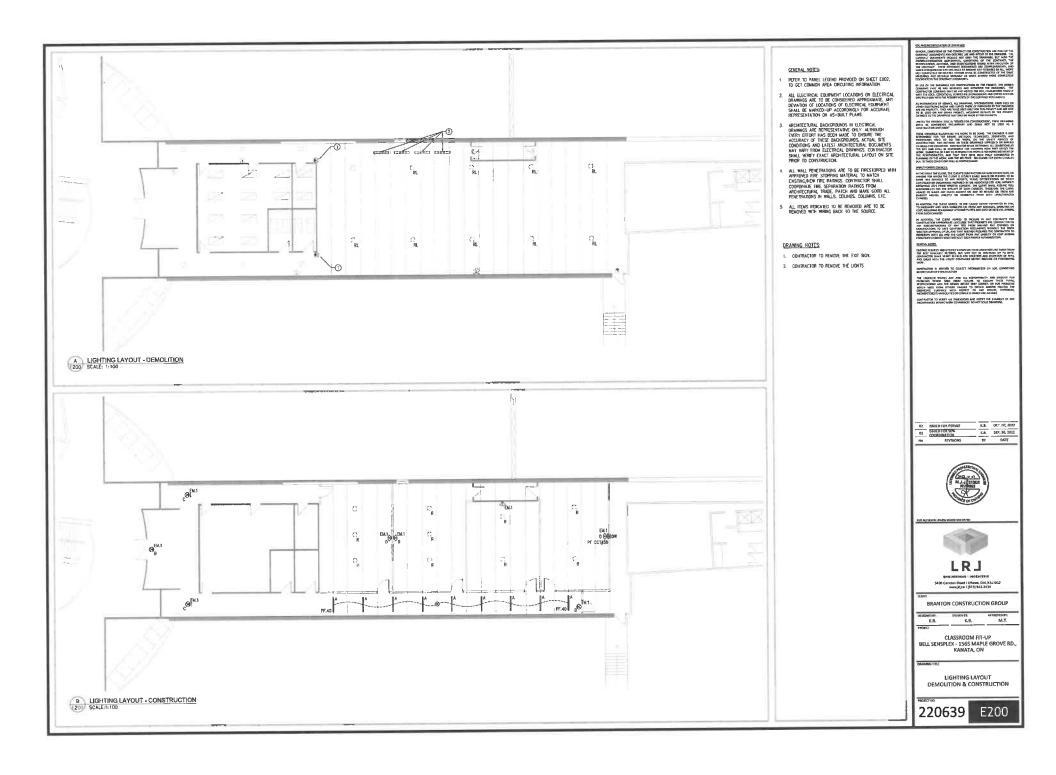
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BRANTON CONSTRUCTION GROUP

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

ELECTRICAL ROOM DETAILS & ELECTRICAL PANEL AND LIGHT FIXTURE SCHEDULE

220639 E002



GENERAL CONDITIONS OF CONTRACT

- CREATE.

 1.1. ALL WORK SHOWN OR MUPLED ON THESE DRAWNES SHALL CONFIDENT TO THE ONTARIO ELECTRICAL CODE (LATEST EXHIBIT) AND TO THE RULES, REGULATIONS, REQUIREMENTS AND SHLAKE OF THE AUTHORITY HANNES ARRESTEDING.
- 1.2. ELECTRICAL CONTRACTOR TO ENSURE THAT ALL ELECTRICAL EQUIPMENT IS EFFECTIVELY ORGANIDED TO MEET THE ONTARIO ELECTRICAL CODE REQUIREMENTS.
- 1.3. ELECTRICAL CONTRACTOR TO ENSURE THAT ALL WIRE SIZES TO BE IN ACCORDANCE WITH ONTARIO ELECTRICAL CODE REQUIREMENTS WITH REGARDS TO VOLTAGE DROP, ELECTRICAL CONTRACTOR WILL BE OBLICED TO INCREASE (AT NO EXTRA COST TO THE PROJECT) WIRE AND CONDUIT SIZES WHEREVER REQUIRED TO CONFORM WITH ALL REQUIREMENTS.
- 1.4. ALL ITEMS NOTED ON ELECTRICAL LAYOUTS ARE THE SPECIFIC RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO SUPPLY, INSTALL AND WARRANTY IN GOOD MODRING GROUP UNLESS SPECIFICALLY NOTED FOR MODIFIED MISSION PROVIDE SPECARS, WIRRING, COMOUNT, DISCONNECTS, STARTERS ETC. WHERE PROUNED BY COLD TO MISSION THAT THE COUNTRY OF THE PROUNED SPECARS.
- 1.5. ALL WORK IS TO BE COORDINATED WITH ALL OTHER TRADES AND EXISTING INSTALLATIONS TO AVOID INSTALLATION INTERFERENCE, AREAS OF COORDINATION DONFLICT SHALL BE DRGANZED BY THE SITE COORDINATOR TO ENSURE NO ADDITIONAL COSTS ARE ADDED TO THE PROJECT,
- 1.6. THE MORE OF THE ELECTRICAL CONTRACTOR SHALL MEET THE APPROVAL OF THE OWNER AND ETHER OR BOTH MAY DISAPPROVE OF THE GUALITY OF THE MODRAMSHIP, MATCHES OF COMPRETE, IN HIGH CASE THE ELECTRICAL CONTRACTOR SHALL BE ORLIZED TO CORRECT THE STRATION TO THE STRATION TO THE
- 2. <u>Examination of work.</u>
 Contraction to examine the site and local compitions likely to affect the work indicated and specified prior to submitting his final tender price.
- LISBILIS.

 THE CONTRACTOR SHALL ASSURE FILL RESPONSIBILITY FOR LAYING OUT HIS MODE AND FOR ANY DAMAGE CAUSED TO THE OWNER AND TO OTHER CONTRACTORS THE CONTRACTORS TO CARRY ALL NECESSARY INCURRANT CONFIRME.

 BY MARRIED REAL PROJECT LA INSIGHD AND LIFTHINGED WORK OF HIS OWN AND OF OTHER CONTRACTORS INCLIDING EXISTING INSTALLATIONS FROM DAMAGE DUE TO THE CARRYING OUT OF HIS WORK.
- 4. MINUTE.
 IT IS THE MITENT OF THESE SPECIFICATIONS AND DRAWNICS TO PROVIDE FOR A COMPLETE AND TRALLY DEPENTING SYSTEM IN COMPLETE ACCORDANCE WITH ALL APPLICABLE CODES. THESE SPECIFICATIONS MAY NOT COMES EACH AND EVERY TIEM REQUIRED FOR THE LODGEST. SPECIFICAL SISTEMATION. THEREFORE, THE CONTINUED SHALL MAKE PROVIDED FOR ALL LODGEST, MATERIAL AND COMPLETE DECESSARY TO COMPLETE THE ELLEBERGAL STREAM.
- CERTIFICATES, FEES. ETC...
 CONTRACTOR MUST PAY ALL FEES AND OBTAIN ALL PERMITS RECESSARY FOR THIS PROJECT. PROVIDE AUTHORITIES WITH PLANS AND INFORMATION FOR ACCEPTANCE
 CERTIFICATES, TRIMINED RESPECTION CONTRICATES AS EVOLDING: THAT WORK CONTRIVES WITH REQUIREMENTS OF THE AUTHORITY HAWING JURESUCTION.
- "AS-SUIL" DRAWNOS.
 WEEP IN THE JOB OFFICE AN EXTRA SET OF WHITE PRINTS AND SPECIFICATIONS ON WHICH ALL CHANGES AND BEWATIONS SHALL BE RECORDED DALLY, AT THE COMPLETION OF THE PROJECT, TURN OVER TO THE ENGINEER TWO SETS OF NEAT "AS-SUIL" RECORD DRAWNOS AND SPECIFICATIONS.
- SIGN DIRANGES.

 BY THE STORY FAMILY OF ANY MATERIALS OF COUPMENT, SUBMIT, PHOUGH THE GENERAL CONTRACTOR, A MINIMUM OF DIRE (1) SET OF ELETRONE SHOP DRAWNESS AND DATA SHEETS COMERNIC ALL TILLS OF EQUIPMENT FURBISHED AND INTERIOR FOR INSTALLATION (MORE THIS CONTRACT FOR APPROVAL BY THE EINOMER AND DATE OWNER.)
- 8. MATERIAL:
 8.1. REPLACE WATERIAL AND WORKMANSHIP BELOW SPECIFED QUALITY AND RELOCATE WORK WRONGLY PLACED TO THE SATISFACTION OF THE ENGINEER AND THE
- REPLACE MATERIA, AND TRUCKNOWNSHE SELLIFE SEPURCE DAVID IT AND TELEVATE, BATH BROWNER IT PLACE TO THE STREETMENT OF THE COMMENT AND ALL REPLANDED OF SETS OLUMN TREFFER OUT SETS OF SAME MANUFACTURER OF DACH SPECIAL PAPEAR.

 ALL REPLANDERS SUPPLIED UNDER THIS CONTRACT SHALL CARRY CSA APPROVAL.

 ALL REPLANDERS SUPPLIED UNDER THIS CONTRACT SHALL CARRY CSA APPROVAL.

 ALL REPLANDERS SUPPLIED SHOWED THE SECONDARY OF THE PLACE AND THE SECONDARY OF THE
- 9. <u>Coupurat deviderations</u>
 Electrical contractor to promoe l'ancord l'arels on all Neu anction boxes and diciate voltage, phase and paule circuit numeers and location,
 promote elegens on all wall receptacies to nocate paules and chouit numeers. Update electrical paule legens, subbit all new Equipment
 Ubstitification to the owner for review and approval prior to restallation.
- 10. WARN'S DENTERCATION: CENTRY WIRING HITH PERMANENT INDELEGE IDENTIFYING MARKINGS, DTHER HUMBERED OR COLORED PLASTIC TAPES, ON BOTH ENDS OF PHASE CONDUCTORS OF FEEDERS AND BRANCH CIRCUIT WIRING.
- TESTING.
 ALL TESTING AND INSPECTIONS MUST BE PERFORMED BY THE CONTRACTOR AND WINESSED BY THE DIGHER AND THE OWNER PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SIGNUE PROVIDE AT LIGAT 29 HIS NOTICE FOR ISSUINC.
- 12. QUPANTE: BE LICETRICAL CONTRACTOR, AS A COMBINION PRECEDENT TO FINAL PAYMENT AFTER COMPLETION OF HIS WORK, SHALL DUE THE OWNER A WRITTEN COMMENT WAS AN APPRIADED OF ONE YEAR FROM THE DATE OF FINAL ACCOPTINGE OF HIS MORN BY THE DEPARTER HAS THE OWNER.
- 13. HEALTH AND SAFETY.
 IT IS MANDATORY FOR THE CONTRACTOR TO COMPLY WITH THE PROMINCIAL HEALTH AND SAFETY REGULATIONS.
- 14. CLABUIC.
 CONTROLING IS RESPONSIBLE TO CLEAN THE MORE SITE EVERYDAY AT THE END OF THE WORK DAY AND TO TAME ANY MEANS POSSIBLE TO PROTECT EXISTING EXPIRACY AND INSTALLATIONS.
- CO-ORDINATION DE NEDHANÇAL AND ELECTRICAL MORE.
 PROVUE COMPLETE MINIO AND CONNECTIONS FOR ALL MOTORS AND OTHER ELECTRICAL EQUIPMENT SPECIFIED IN DIVISION 15. WIRING OF CONTROL CRIDITIS SO VOLTS NO COURSE IS SPECIFIED IN DIVISION 15.
- 16. IGAD BRIANCE: MESSURE PHASE CUMPORT TO PAREIBOARDS WITH HORMAL LOAD'S (LIGHTING) DEPARTING AT TIME OF ACCEPTANCE ABJUST BRANCH CIRCUIT CONNECTIONS AS REQUIRED TO DEFAR BEST BRANCE OF CUMPORT SEMEST MASS AND RECORD CHANGES, MESSURE PHASE VIOLANCES AT LOAD'S AND ABJUST TRANSFORMER TAPS TO MINING THE OF MESSURE VALUES OF COMPACT AND ADJUST TRANSFORMER TAPS TO MINING THE OF PAREIBOARD'S CHANGES AND ADJUST TRANSFORMERS, CHANGES AND ADJUST TRANSFORMERS.
- 17. EDD. CHALTE COMPROY.
 INSTANCES PERSONNEL TESTING. MEGGER DECORTS, FEEDERS AND EQUIPMENT OF TO 250 Y WITH A 500 Y INSTRUMENT, MEGGER 150-600 Y CRICAITS, FEEDERS AND EXPERIMENT WITH A 1000 Y INSTRUMENT. CHECK RESISTANCE TO GROUND BETORE DATROCKING, CARRY DUT TESTS IN PRESCNEE OF DIGMER. PROVIDE RESINANCIESTS, METERS, EQUIPMENT AND PRESCNEE, REQUIRED TO CONDUCT TESTS DURING AND AT CONCLUSION OF PROJECT. SUBMITTEST RESULTS FOR DIGMER'S STANCE.
- CO-OFGORATION OF PROTECTING DIVINES.
 BISINE CONTRET PROTECTING EXPRESS SIGN AS OVERGORDENT TRIPS, RELAYS AND FUSES AND INSTALLED TO REQUIRED VALUES AND SETTINGS. THE CONTRACTOR SHALL PROVIDE A SHORT CIRCUIT AND COORDINATION STUDY TO CRETTEY THE REQUIRED OVERGURENT TRIP VALUES.
- FREPROGENIC.
 ALL OPENINGS IN FIRE-RATED WALLS, FLOORS OR CEILINGS ARE TO BE SEALED IN ACCORDANCE WITH CAN/JULE4-5115.
- 20. MANTAMIC SERVECS.

 SENSITAR SOON AS POSSEILE ANY DISRIPITS SERVICES ESSENTIAL DURING EDUCLTION OF CONSTRUCTION OF # NOT INTERIOR TO BE REMOVED AS PART OF THIS CONTRACT, ANY DISTING SERVICE THAT IS TO REMAY AND IS UNANDOMEN'S DISRIPITED DURING PERMOVATION SMALL BE RESTORED TO ITS ORIGINALLY FUNCTIONAL STATE.
- 21. COM IMANUAL.
 AT THE DOD OF THE PROJECT CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE QAM LIMINIAL CONTRABNIC BULDING NAME & ADDRESS, PROJECT NAME. PROJECT HAMES, COMPLETED ONLY MAD AND LATE LITTLE OF SUPERINK DEBUT SHALL PROJECT SHAMES, CONTRACTOR, WHAT ADDRESS AND PROVE HAMED OF ENGINEET, SOURCE OF SHADES, CADATOR AND OWNERSHAPE PROJECT SHAMES, CONTRACT REPORT, PROJECT SHAMES, CONTRACT SEPROMETRIAN OF ALL SHATHOUT OF COMPLETE OF MATERIAL TESTS AND ALL TESTS SHATHOUT OF ENGINEET SHATHOUT OF COMPLETE AND ADDRESS. ALL THE STREAMS AND SHATHOUT CONTRACTIONS AND SHATHOUT OWNERS AND SHATHOUT OWNERS.

ELECTRICAL SPECIFICATIONS

- - 1.1. CONDITION ELECTRICAL DEFINILE, DIRING (CALIT). WITH CORPLANES, COMBINE PASSEMENTS, ONE UNILE STEE STEMES IN DESCRIPE.
 SURFIACE COMBINES TO A ROSS SALES. TOWNESS CENTRES FOR COMBINE SALESTEMENTS, THE SALES ALLOWS TO SALESSEE
 COMBINES TO EMPORED STEEL MORE. COMMANEL THE SUMPROFITS FOR TWO OR MORE COMBINES AT 10°-0" CC. 1/4" R. THEFAURD ROSS
 TO SUPPORT SUSPENDED COMMANDES.
 - 1.2 CHANTETERES, TITMOS MAURACINES FOR USE WITH CONDUIT DELOFIED, COADING: SAME AS COMPUTE, FACTORY "ELLS" WHOSE BY EBUS ASK RECOMPOSE TO BUY I IN AND LANCER COMPOSE. WRITERIOR! CONNECTIONS AND COMPUNES FOR BUY. IN FIRST
 - 1.3 FISH CORD: POLYPROPYLENE
 - 4. SETLIATOR: RETAIL DEBUTE TO CONSTRU PERIODON HI EXPINCE DELIVERY, AND CHUSE IMBILIAN INTERTENCIS. IN SPICES, INTOCASI MENON THEY PARKS CONTACT CONTROL TO ANY INCOMENCE INCOMEN CONTROL TO ANY INCOMENCE INCOMENCE INCOMEN ON THE PROPERTY AND INCOMENCE INCOMENCE INCOMEN USE OF THE PROPERTY LISE ELECTRICAL METALLIC TUBBRIC (MUT) FOR DEBUTEAL LUSS, ELECTRICAL METALLIC TUBBRIC (MUT) FOR DEBUTEAL AND INTERCEDIO CONTROL TO ANY INCOMEN USE ANY INCOMEN AND INTERCEDIO PROPERTY CONTROL TO ANY INCOMENTAL METALLIC CONTROL SECURIT CONTROL SECURIT
 - 1.5. SUPFACE COMOUTS: RUM PAPALLEL OR PERPENDICULAR TO BUILDING LINES, LOCATE CONDUITS BEHIND INFRARED OR GAS PAPED
 HARRISS MIN 5"-0" CLARANCE RUM CONDUITS IN FLANCED CORDING OF STRUCTUREA, ISTELL, GADUP CONDUITS INFEREVER
 POSSIBLE ON ISOPPORTION OF SURFACE CHANNESS, OR OND FRASS COMUSITS. HORCANS THROUGH STRUCTUREA, MEMBERS EXCEPT AS INDICATED,
 DO NOT LOCATE CONDUITS LESS TRAIN 3" PAPALLEL TO SITEM OR HOT WATER LINES WITH HARMAN OF 1" AT CROSSOURIES.
- 1.6. WIRE AND CABLES.
 CONDUCTORS STRANGED FROM 10 AND AND LARGER, MINIMUM SZE OF 12 AND, COPPER CONDUCTORS SZE AS INDICATED WITH 600V MISULATION OF CHEMICALLY CROSSLINKED THERMOSETTING POLYETHYLENE MATERIAL, RATED RIPPO.
- <u>ELUSH DEWCES.</u>
 SWITCHES AND RECEPTACLES TO BE SPECIFICATION GRADE WITH STAINLESS STEEL COVER PLATES, ALL DEWCES TO MEET OR EXCEED
- 3. <u>AUNCTION BOXES</u>: ALL JUNCTION BOXES SHALL BE COMPLETE WITH BLANK COVER PLATES.
- BEGACTER:
 BEHAMENT DO BE AMBENT COMPONSATED. TIMP-FREE, BOLTED TO THE BUS BARS AND SZED AS SHOWN ON THE PLANS, PROVIDE UPDATED THE PREMEMENT DO BE AMBENT COMPONESATED. TIMP-FREE, BOLTED TO THE BUS BARS AND SZED AS SHOWN ON THE PLANS, PROVIDE UPDATED THE BEHAMEN SHOWN OF SHOWN ASSAURCEMENT OF CIRCLIFS.
- EMERGENCY LIGHTER.

 RESURE (MEREDICY NO) EXT LIGHTING, IN AREA OF CONSTRUCTION IS FIRST PHICKORIAL, EXT LIGHTING TO COMPINE TO HERC 2010.

 5.1. EXIT SIGNS TO BE GIVE LED, 12000 WING GREEN PICTORIAN PUBLING LIAM, DC FEED TO BE PROVINCED FROM BATTERY PACIS, AS ADDICATED ON DRAWNESS.

 2. BATTERY PACES TO BE 1240C. SO MINUTE DURATION, MATTAGE IS INDICATED ADJACENT TO BATTERY PACE SYMBOL AND CAM BE

 - 5.3. REMOTE DUAL HEADS TO BE 6W LED, 124DC.
- CROUNDING:
 INSTALL CONFLICE PERMANDIT, CONTINUOUS, SYSTEM AND DROUT, ECUIPMENT, GROUNDING SYSTEMS INCLUDING COMDUCTORS, COMMECTORS,
 ACCESSIONES, SECONDED TO CONFORM TO RECUIREMENTS OF LOCAL AUTHORITY HAVING AIRPSOLYTION OVER INSTALLATION, WHERE EAT IS
 USED, RUIN GROUND WRITE BY CONQUIT,
- FRE ALPRI SSELLY.
 RIPERS HER DEVELOR AS SHOWN ON PLANS. THE INSTALLATION OF HEW FRE ALARM COMPONENTS AND COMPECTIONS SIMIL BE DOSE
 UNDER HE SUPERVISION OF THE SUPPLEE OF THE STSTEM, INSTALLATION SHALL BY IMPROPINCE WHIT CANALAC-SSAN, THE STSTEM
 UNDER THE SUPPLEMENT AS PET CLAYMACE-STAN AND A CEPTIFICATION OF VERBELANDERS MICH. BE SISSED, THE ALL ALARM DEDITED TO INSURE
 THAT ORDINATED AND AS THE CHARGEST HAD FREE RESISTED WITH MEMORIAL HAMAN TO THE CONTROL PANEL AND ACTUATE COMPAN,
 AREA TO APPROVAL. OF THE CHARGEST HAD FREE RESISTED WAS ANDROBERS.
- LOSTING.

 PROVINGE UDATING FATURES, COMPLETE WITH LIAMPS AS INDICATED BY OWNER.

 PROVINGE UDATING FATURES, MUST BE COMPARISE WITH THE CRUMG THYE SPECIFIED IN THE ARCHITECT FINISH SCHEDULE.

 HE LISTING FATURES MUST BE EXCURED TO THE STRUCTURE WITH A SPECIF WITH A SPECIF OWNER.

 PROVINCE AND DESTRUCTIVE AND A SPECIF OWNER OF THE PROVINCE AND DESTRUCTIVE HIP AS A SPECIF OWNER FOR LICAL PROVINCE AND DESTRUCTIVE FOR EXCHANGE SHALL CHIEF FROM A SINGLE MANUFACTURET AND SHALL HAVE THE ARCH CAPACITY, DIMENSIONS AND SAME COLOR REVIOURNE.

BY ONE OF THE DRAWNINGS FOR CONSTRUCTION OF THE PROJECT, THE OWNER CONSTRUCT THE DRAWNING. THE CONTRACT THE DRAWNING, THE CONTRACTION CONSTRUCT THE SHARMING, THE CONTRACTION CONSTRUCT THE SHARMING THE PROJECT THE CONTRACT THE

AS RETREMENTS OF SERVICE, AND DERMANDS, SPECIMENTONIC CADO FUES OF OTHER DESCRIPTION INCOME AND CONSIDER OF PURMENTED BY THE DISCORDANCE HE PROPERTY. THEY AND THE OUR DESTROY OF THE PROPERTY OF THE OUT OF THE PROPERTY OF T

UNLISE THE NEVERON HILL IS "KEINCH FON CONSTRUCTION", THISS SIMMINGS SHALL BE CONTRICTED PRELIMENTY AND SHALL HOT BE VISID AS A CONSTRUCTION DOCUMENT.

MONTHANTOR PORMERS!

MEST CARRINGS LIBERTATI THE WOR'T DIE PORM. DIE CRIGHETE B. 607 PREVORSER FOR THE MADRIA, BATHONE, TOPHORIES, EUGUREZ, MONTHORIO MEST DIE DE LIBERTATION DIE PORMERS DIE DIE BATHONE MASSIMILIA DIE PORMERS DIE PORME

MANE ANY CHARGES BO ANY MERCHY, PLANS, DECIRINATIONS DE CHICA CONSTRUCTION DOCUMENTS REPRANQE DE LA ASSOCIATE SET, DIALY WITHOUS CHICANAGE LESS PROCE WEITERS CORREST, THE CLEEN SHALL, ASSAULE RAE REPORTISHENT FOR THE RESULTS OF SUCH CHARGES. THEIR SHALL, ASSAULE RAE REPORTISHENT FOR THE RESULTS OF SUCH CHARGES. THEIR THE PART ASSAULT SET AGRESS TO WARRE ANY CLARK AGRESS THE AGO TO RESULTE UP, FROM ANY INSIGHT, AGRESS TO RESULT OR INSIGHT FROM SUCH INSIGHT SERVI-

PR ADDITION, THE CURTY AGREES TO INCLIDE BY ANY CONTRACTS FOR CONTRACTS FOR ADDITION, THE CONTRACT IN ADDITION OF THE PROPERTY OF CONTRACTOR OF THE PROPERTY O

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Mar	REVISIONS	BV	DATE





LRJ 5430 Canolek Read I Ottawa, CN, K1J 9G2 www.lrl.co I (613) 842-3434

BRANTON CONSTRUCTION GROUP

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

ELECTRICAL SPECIFICATIONS

220639

E000



NOMENCLATURE --- EXISTING DEVICE TO BE REMOVED NEW RL EXISTING ELECTRICAL DEVICE TO BE RELOCATED RECOCATED EXISTING ELECTRICAL DEVICE N NEW ELECTRICAL DEVICE

- CD DISCONNECT SMITCH
- ELECTRICAL PANEL
- MOTOR (I PHASE)

LIGHTING LEGEND

- SUSPENDED STRIP LIGHT
- XX WALL SCONCE
- SUSPENDED CEILING LIGHT 2' > 4' LED TROFFER LIGHT

LIGHTING LEGEND

- © CEILING MOUNTED, EXIT LIGHT SHADING INDICATED FACE
- EXIT LIGHT, ARROWS INDICATE DIRECTION, SHADING INDICATING FACE
- D EMERGENCY LIGHTING DOUBLE REMOTE HEAD
- WE EMERGENCY LIGHTING WITH BATTERY PACK, WALL MOUNTED

POWER LEGEND

- あ 15A、125V DUPLEX RECEPTACLE
- (5) 15A, 12SV RECEPTACLE, CEILING MOUNTED

FIRE ALARM LEGEND

- EN FIRE ALARM HORN
- IEM FIRE ALARM HORN WITH STROBE
- FIRE ALARM MANUAL PULL STATION
- TIRE EXTINGUISHER

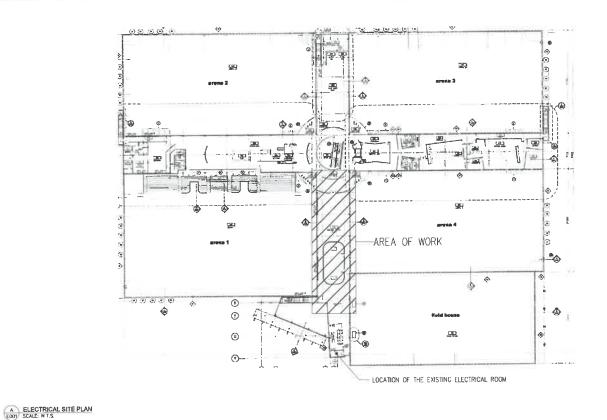
ELECTRICAL DRAWING LIST

	CENERAL ELECTRICAL
E000	ELECTRICAL SPECIFICATIONS
E001	ELECTRICAL SITE PLAN & DRAWING LEGENDS
E002	ELECTRICAL POOM DETAILS & ELECTRICAL PANEL AND LIGHT FIXTURE SCHEDULE
	LIGHTING
E200	CONSTRUCTION &
	POWER
E300	POWER LAYOUT - DENGLITION & CONSTRUCTION

E400 FIRE ALARM LAYOUT - DEMOLITION & CONSTRUCTION

	CENERAL ELECTRICAL
E000	ELECTRICAL SPECIFICATIONS
E001	ELECTRICAL SITE PLAN & DRAWING LEGENDS
E002	ELECTRICAL ROOM DETAILS & ELECTRICAL PANEL AND LIGHT FIXTURE SCHEDULE
	LIGHTING
E200	UCHTING LAYOUF - DEBOLITION & CONSTRUCTION
	POWER
E300	POWER LAYOUT - DENGLITION & CONSTRUCTION
	OF 1 400

CONTRACTOR TO YEARY ALL DIMENSIONS AND NOTIFY THE ENGINEERS ORDERPRINCIES REFORE WORK COMMENCES BO NOT SCALE DRAWINGS.









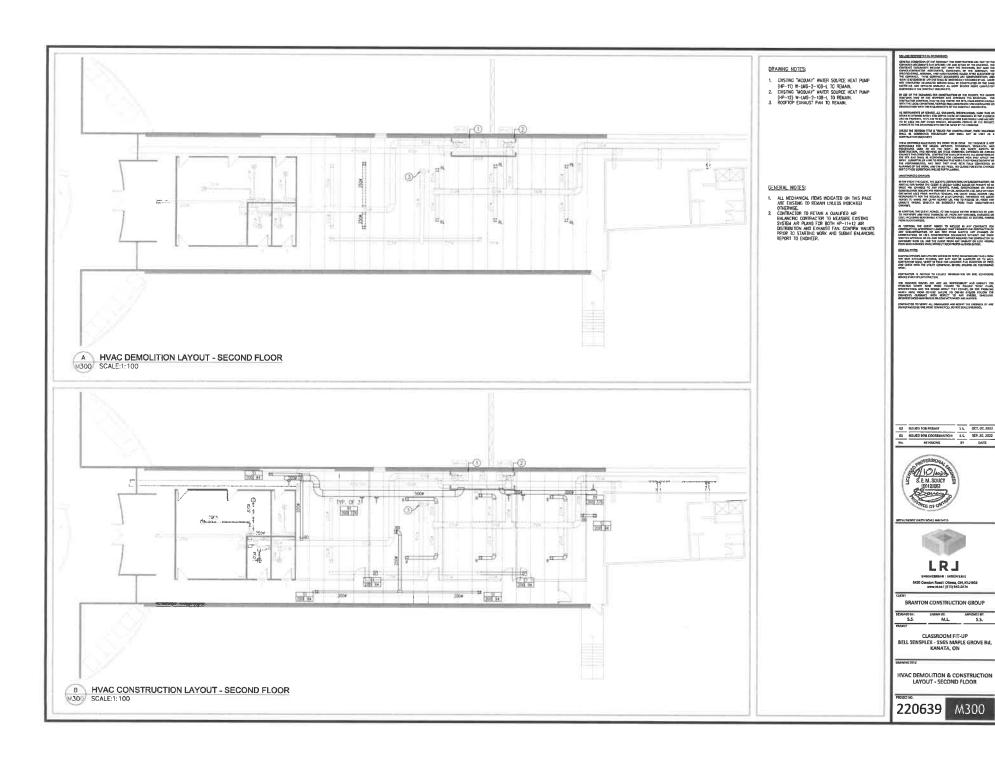
LRJ 5430 Camotek Road I Otures, DN, K1J 9G2 www.kl.ca I (613) 842-3434

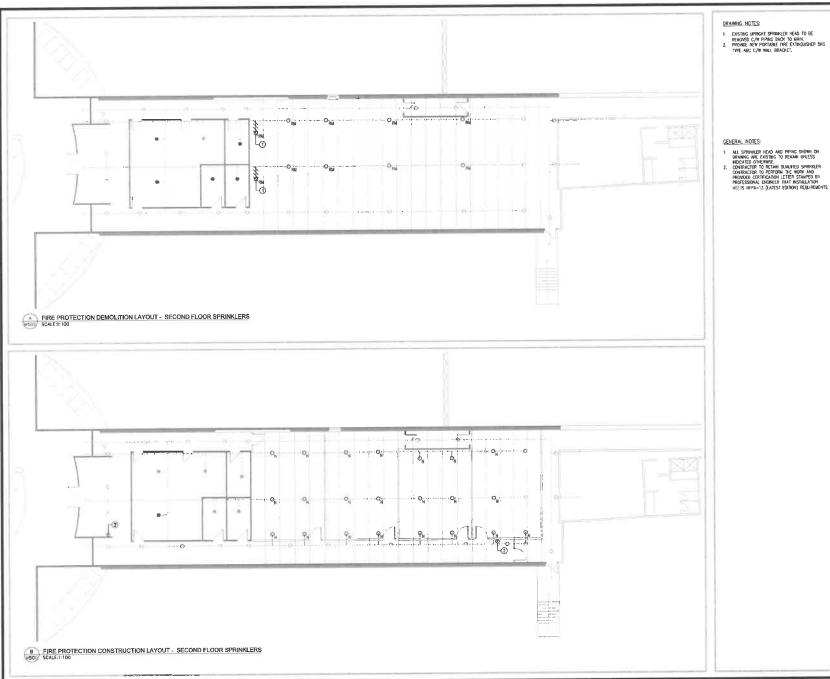
K.B.

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

ELECTRICAL SITE PLAN

220639 E001





DRAWING NOTES:

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

CONTRACTOR TO VEHINY ALL DIMENSIONS AND INCTIFY THE ENGINEER OF AN OPEN PAYORS BELD IN MORE COMMUNICAL DO NOT \$2.00.004/90/DS.

02 ISSUED FOR PERMIT \$.5. OCT. 07, 2022 01 ISSUED 90% COORDINATION \$.5. SEP. 30, 2022





BRANTON CONSTRUCTION GROUP

APPROVED BY. S.S. M.L

CLASSROOM FIT-UP BELL SENSPLEX - 1565 MAPLE GROVE Rd, KANATA, ON

FIRE PROTECTION DEMOLITION & CONSTRUCTION LAYOUT - SECOND FLOOR SPRINKLERS

220639 M500

GENERAL CONDITIONS

- COMPAIL

 1.1. ALL TIES MOTED ON MECHANICAL AND ELECTRICAL LAYOUTS ARE THE SPECIFIC RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY,
 RESTALL AND WARRANTY IN COOR WORKING ORDER UNIESS SPECIFICALLY HOTED BY ANOTHER DIVISION.
- 1.2 ALL WORK IS TO BE COORDINATED WITH ALL OTHER TRADES AND EXISTING INSTALLATIONS TO AVOID INSTALLATION INTERFERENCE, AREAS OF COORDINATION CONFLICT SHALL BE ORGANIZED BY THE SHE COORDINATOR TO ENSURE NO ADDITIONAL COSTS ARE ADDED TO THE PROJECT.
- 1.3. THE WORK OF THE CONTRACTOR SHALL MEET THE APPROVAL OF THE OWNER AND THE ENCNEER AND EITHER OR BOTH WAY DISAPPROVE OF THE OULLITY OF THE WORKLANDIN, WATERIALS OR EQUIPAUT, IN WHICH CASE THE CONTRACTOR SHALL BE GRIGED TO CORRECT THE SILULION TO THE SANSFACTION OF THE CONNER AND THE EMPIRES.
- EXAMINATION OF WORK
 CONTRACTOR TO EXAMINE THE SITE AND LOCAL CONDITIONS LIKELY TO AFFECT THE WORK BHOICATED AND SPECIFIED PRIOR TO SUBMITTING
 HIS TRIPDER PRIOR.
- LINESUIT HE CONTRACTOR SHALL ASSUME FULL RESPONDBUITY FOR LATING OUT HES NORK AND FOR ANY DAMAGE CAUSED TO THE OWNER MID TO OFFICE CONTRACTORS BY IMPROPER LOCATION OF CARRYING OUT OF THIS MORK. CONTRACTOR TO CARRY ALL NECESSARY INSURANCE CONTRACTOR TO CARRY ALL NECESSARY INSURANCE.
- THE CONTRACTOR SHALL PROTECT ALL FINISHED AND UNFINISHED WORK OF HIS DWN AND OF DITHER CONTRACTORS INCLUDING EXISTING INSTALLATIONS FROM DAMAGE DUE TO THE CARRYING OUT OF HIS WORK.
- MENT
 IT IS THE INTENT OF THESE DRAWNES AND SPECIFICATIONS TO PROVIDE FOR COMPLETE AND PULLY OPERATING SYSTEMS IN ACCORDANCE
 WHI ALL APPLICABLE COCKS. THISE SYSTOPICATIONS MAY NOT COVER EACH AND EVERY ITEM SECONSED FIRE THE COMPLETE MECHANICAL
 INSTALLADIONS. THE CONTRICTOR SHALL MAKE PROVISIONS FOR ALL LABOUR, MATERIAL AND EDUPRIENT DEDUED RECESSINY TO COMPLETE
 THE MECHANICAL SYSTEMS.
- CEPTICATES, PERMIS, FEES
 COMPACION WIST FAY ALL FEES AND OBTAIN ALL PERMIS NECESSARY FOR THIS PROJECT, PROMOE AUTHORITIES WITH PLANS AND
 MOROMATION FOR ACCEPTANCE CERTIFICATES, PURNUEH INSPECTION CERTIFICATES AS EMBELICE THAT MORK CONFORMS WITH REQUIREMENTS
 OF THE AUTHORITY MAYING JURISDICTION.
- AS-BAIL PROMISES.

 REPORT OF THE ASSET OF THE AS ELLIP OF THE PRINTS AND SPECIFICATIONS ON WHICH ALL CHAMICS AND DEMATIONS SHALL BE RECORDED DATE. AT THE COMPLETION OF THE PROJECT, TURN OVER TO THE OWNER TWO SETS OF NEAT AS-BUILT RECORD DRAWNINGS AND SPECIFICATIONS.
- SHIP DRAWNES
- STATE UNITARIOS

 BETHE FAMILY AND ANY MATERIALS OR EQUIPMENT, SUBJET TRIBUTED THE ECHERAL CONTRACTOR, ONE (1) COMPLETE SET OF
 ELECTRON SHOP DEMANDS AND DATA SHEETS COVERING ALL ITMUS OF EQUIPMENT FURNISHED AND INITINGED FOR BISTALLATION UNDER
 THIS CONTRACT FOR APPROVAL OF THE EDISHEET AND THE CONNERS.

- MATERIAL.

 8.1. RPLACE MATERIA. AND WORMANSHIP BELOW SPECFED QUALITY MO. RELOCATE WORK WROHELY PLACED TO THE SATESACTION OF THE DEGREER AND THE COWER.

 8.2. MEDICAL SHE COMMERCE HELD SHALL BE NEW AND OF BEST QUALITY SPECFED. USE THE SAME MANUFACTURER FOR EACH AND SHALL BE NEW AND SHEET WAS AND SHALL BE NEW AND SHALL BE NOW AND SHALL BE NEW AND SHALL BE NOW AND SHALL BE NEW AND SHALL BE NOW AND
- TESTING
 ALL TESTING AND INSPECTIONS MUST BE PERFORMED BY THE CONTRACTOR AND WITNESSED BY THE ENCINEER AND THE OWNER PRIOR TO
 FINAL ACCEPTANCE OF THE PROJECT.
 - THE CONTRACTOR SHOULD PROMOE AND NOTIFY THE ENGINEER AND THE DWARP, A SCHEDULE OF ALL WORK AND TESTING, PROVIDE AT LEAST 72 HRS NOTICE FOR TESTING.
- . Lancal Contractor, as a condition precedent to final payment after completion of his work, shall give the owner I cuarantee 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.
- 11. HEALTH AND SAFETY IT IS MANDATORY FOR THE CONTRACTOR TO COMPLY WITH THE PROVINCIAL HEALTH AND SAFETY REGULATIONS.
- 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.
- PRECEDITION OF THE PATED WALLS, FLOORS OR CEILINGS ARE TO BE SEALED IN ACCORDANCE WITH CAMM-5115, REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE SEPARATIONS.
- MARITAMENT STRICKS.

 REGISTAT AS SOLD A PROSBLE ANY DISHUPTED SERVICE SESSITIAL MIRING DEMOLITION OF CONSTRUCTION OF IF NOT INTENDED TO BE RELIVED AS PART OF THE CONTRACT, ANY EXISTING SERVICE THAT IS TO REMAIN AND IS UNANDOMENT DISHUPCED TO BRING REHIGIATION SHALL BE RESTORED TO TO SOMEWHAT PURCHONN'S TRAC.
- CAN MANUAL
 AT THE BIO OF THE PROJECT, THE CONFERCIOR SHALL PROVIDE THE DIMER WITH COMPLETE DAM MANUAL CONTAINING BUILDING NAME
 AND ADDRESS, PROJECT MANE, PROJECT NUMBER, COMPLETE DATE, CONTACT INFORMATION OF CENTRAL CONTRACTOR, ENGINEER,
 SUBTRACES AND SUPPLIERS, SIGNED AND DATES LETTER OF WERRANTY USURTHERN THE PROJECT BY MANE, PROJECT NUMBER, LOCATION
 AND MARRIANTY PRODUCE, CATERIOR MARRIANT OF ECOMPANIES OF PAPILLARES, LATE REPORTS, PRE-PACHONAL, TEST, SAFT-UP
 REPAIRS, PREFORMANCE, USBRICKON FORMS, CONTRACTOR CEPTIFICATIONS, KS-BUILT DRAWNIGS, SEQUENCE OF OPERATION, DATA SPETS
 AND ALL OTHER REPORMANTOR RELEVANT TO THE PROPECT.

MECHANICAL SPECIFICATIONS

- 1. GENERAL
- 1.1. ALL WORK SHOWN OR IMPLIED SHALL CONFORM TO THE LATEST EDITION OF THE ONTARIO BUILDING CODE, ASHRAE AND SMACHA STANDARDS, AND TO ALL THE RULES, REGULATIONS, REQUIREMENTS AND BYLAKS OF
- THE AUTHORITY HAVING JURISDICTION.

 1.2. IT IS THE RESPONSEBILITY OF THE CONTRACTOR TO PROVIDE COMPLETE AND OPERATIONAL SYSTEMS.
- 2.1 SEALANT
 - 2.1.1. SEAL CLASS AND DUCT LEAKAGE AS PER SMACHA, ON RESISTANT FLAME RESISTANT SEALANT

- 2.2. GALMANIZED STEEL DUCTWORK
 2.2.1. NEW AND FREE OF EINTS OR DEFECTS.
 2.2.2. LOCK FORMING COULTY.
 2.2.3. THICKNESS, FABRICATION, AND REINFORCEMENT AS PER SMACNA.
- 2.3. FLEXIBLE DUCTWORK
 2.3.1. SPIRAL WOUND FLEXIBLE ALUMINUM,
 2.3.2. FACTORY TESTED TO 2.5 KPg WITHOUT LEAKAGE.
- 2.4 DUCTWORK THERMAL INSULATION
 2.4.1. ROOD IMPERAL FIBER BOARD OR BLANKET WITH FACTORY APPLIED VAPOUR BETARDER JADXET.
 2.4.2. PLANE SPREAD RATING SHALL NOT EXCEED 25. SHORE DEVELOPMENT RATING SHALL NOT EXCEED
 50.
- 2.5. DUCTWDRK ACOUSTIC INSULATION
 - 2.5.1. MINERAL FIBRE DUCT LINER, 1° THOCK.
 2.5.2. PLANE SPREAD RATING SHALL NOT EXCEED 25. SMOKE DEVELOPMENT RATING SHALL NOT EXCEED 50.
- DIFFUSERS AND CRILLES
 2.6.1, TYPE AND CAPACITY AS INDICATED,
 2.6.2. GRILLES AND DIFFUSERS OF ONE MANUFACTURER.

- 2.7 HVAC EQUIPMENT 2.7.1, REFER TO HVAC EQUIPMENT SCHEDULE.
- EXECUTION
- 3.1. DUCTWORK

 - DOCTHORY

 3.1. INSTALL DUTTHORY IN ACCORDANCE WITH SMACUA.
 3.1.2. CORDINATE LOCKTION OF DUCTHORY WITH DIRECT DIVISIONS PRINGE TO FABRICATION.
 3.1.2. LOCKTIONATE LOCKTION OF DUCTHORY EITH DIRECT DIVISIONS PRINCE TO FABRICATION.
 3.1.2. DIRECT LOCKTION OF CONTROL OF THE PRINCE WITH DIVISION WETAL.
 3.1.4. INSTALL PLEASE E. DUCT CORRECTION AT THE RILET AND QUITET TO ALL EQUIPMENT WITH PORTAINS COMPROBERS.

 - 3.1.5. MAXIMUM LENGTH OF FLEXIBLE DUCTWORK: 5'-0".
- 3.2 DUCTWORK DIFFERIAL INSULATION
 - 3.2.1. BISTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 3.2.2. MANTAIN UNINTERRUPTED CONTINUITY AND INTEGRITY OF VAPOUR RETARDER AND FINISHES.
 3.2.3. PROVIDE THERMAL INSULATION FOR

 - PHOMDE THERMAL INSULATION FOR:

 3.2.3.1. DIHARIST DIDCTMORK 10"-0" FROM EXTERIOR WALL/ROOF.

 3.2.3.2. ALL SUPPLY, RETURN, EXHAUST DUCTWORK INSTALLED WITHIN AN UNWENTILATED SPACE.

- 3.3 DUCTHORN ACOUSTIC INSULATION:
 3.3.1 MISTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 3.3.2. PROMIS ACOUSTIC NOULATION FOR:
 3.3.2.1 SUPPLY AND RELIEN DUCTHORN 10°-0° FROM THE MECHANICAL ECUPMENT.
 3.3.2.2. ALL TRANSPERT AND DUCTHORN.
- 3.4 DIFFUSERS AND GRILLES
 - 3.4.1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 3.4.2. INSTALL WITH FLAT MEAD SCREWS IN COUNTERSUME HOLES WHERE FASTENERS ARE MISBLE.

- 3.6. SUBMC PESTRANTS
 3.6.1. THE MECHANICAL CONTRACTOR SHALL PROVIDE SEISMC RESTRANTS AS REQUIRED FOR PIPHIC,
 CONNECTIONS, DUCTHORM, EQUIPMENT, ETC. ALL WORK PERTANNIC TO SEISMC RESTRAINTS SHALL
 BE DESIGNED, INSPECTED AND APPROVED BY A QUALIFEE ENGINEER.

- 1.1. ALL FRE SUPPRESSION WORK TO BE COMPLETED AS PER NEPA 13. CONTRACTOR TO RETAIN THE SERVICES OF A QUALIFIED FRE SUPPRESSION CONTRACTOR TO COMPLETE THE WORK PROVINGE SHOP REAMOUS TO DEGICIERY FOR PROMET PRIOR TO STATENDE THE WORK TO BE SHOP DERIVENS SMALL BETSAMED BY A PROFESSIONAL ENGINEER QUALIFIED IN THE PROVINCE WHERE THE WORK IS BEING COMPLETED.
- 1.2. SUBMIC RESTRAINTS

 1.2.1. THE FIRE SUPPRESSION CONTRACTOR SHALL PROMUE SEISMIC RESTRAINTS AS REDURRED FOR PPHUS, CONDECTIONS, EQUIPMENT, ETC. ALL WORK PERTAINING TO SUSSMIC RESTRAINTS SHALL DISSIDIED, INSPECTED AND APPROVED BY A QUALIFIED BROWER.

AS INSTITUATIONS OF SIGNING, ALL PRANSPARE, SPECIFICATIONS, CLOOP FILLS OF THE RELECTIONS CANDED CONTROL THE OF PRINCIPLES OF THE PRODUCT AND AND ADDRESS THESE OF PRINCIPLES AND AND ADDRESS THESE OF THE PRODUCT AND AND AND ADDRESS OF THE PRODUCT AND AND AND ADDRESS OF THE PRODUCT AND AND ADDRESS OF THE PRODUCT ADDRESS OF THE

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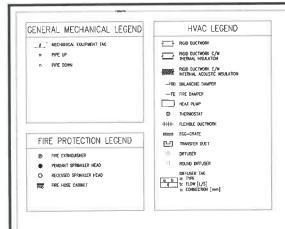
BRANTON CONSTRUCTION GROUP

DRAWN BY: M.L.

CLASSROOM FIT-UP BELL SENSPLEY - 1565 MAPLE GROVE Rd KANATA, ON

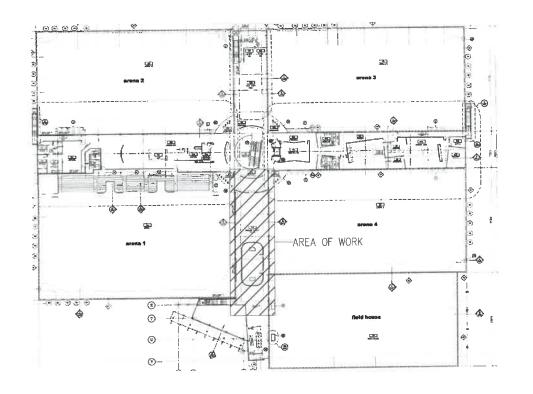
MECHANICAL SPECIFICATIONS

220639 M000



ID #	MANUFACTURER	MODEL	DIMENSIONS [mm]	NOTE
SI	KRUEGER HWAC	-		1,4
RI	KRUEGER HVAC	-		2,4
E1	KRUEGER HWAC	-	-	3,4
DES:	NEW EXPOSED ROUND DIFF ON DRAWNG.	USER MATCHING EX	STING STYLES, NEOK	SIZE AS

78.0	MECH	ANICAL DRAWING LIS
		GENERAL MECHANICAL
	M000	SPECIFICATIONS
	W001	MECHANICAL SITE PLAN & DRAWING LEGEN
	-	HVAC
	M300	HVAC DEMOLITION & CONSTRUCTION LAYOU - SECOND FLOOR
и	-	FIRE PROTECTION
Н	M500	FIRE PROTECTION DEVOLUTION & CONSTRUCTION LAYOUT -SECOND FLOOR SPRINKLERS



GENERAL MOTES

CONTRACTOR IS ADVISED BU COLLECT PRECENSATION ON SOL CONDITION BETONE SAME OF CONTINUENCE.

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PIE OSVORNIU S.S. 5.5. M.L.

CLASSROOM FIT-UP BELL SENSPLEX - 1565 MAPLE GROVE Rd, KANATA, ON

MECHANICAL SITE PLAN & DRAWING LEGEND

220639 M001

MOOT SCALE:N.T.S.