GENERAL

1.1 The following information supplements and/or supersedes the bid documents. This Addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The General Contractor is responsible for distribution of this Addendum to all subcontractors and suppliers submitting quotations on the work.

2 PROJECT MANUAL

2.1 Section 01 41 00 – Regulatory Requirements - Item 2.2.4

.1 **Remove**:

.1 The building permit shall be obtained by the General Contractor.

.2 **Replace**:

.1 The building permit shall be obtained by Lakehead University.

2.2 Mechanical Drawings - M1 (HVAC Demolition and Renovation), M2 (Sections and Details) and M3 (Mechanical Specifications, Equipment List, Scope of Work, and Sequence of Operations).

.1 **Provide:**

.1 Type A style fire dampers and access doors for both supply and return air ductwork penetrations through Mechanical Rm 2 wall.

.2 **Delete**:

.1 Model: 4A-21-3-A2 Reduced Pressure Principal Backflow Preventer.

.3 Instead **Provide**:

.1 Conbraco Model: 4A-11-3-A2 Double Check Valve Assembly (DCVA) Backflow Preventer c/w strainer and full port ball type isolation valves.

.4 **Provide**:

.1 Turning vanes in all 90^{o} duct elbows.

2.3 Architectural Drawing A1 – Assemblies and Plan

.1 **Remove**:

.1 Drawing A1 – Assemblies and Plan

.2 **Replace**:

.1 Drawing A1- Assemblies and Plan - Rev 1 - Dec 1 2014 (Attached)

2.4 Architectural Drawing A3 – Cross Section

.1 **Remove**:

.1 Drawing A3 – Cross Section

.2 **Replace**:

.1 Drawing A3 - Cross Section - Rev 1 - Dec 1 2014 (Attached)

2.5 Structural Drawing S02 Partial Plan Layout, Section, and Notes

.1 **Add**: Drawing 14-1829-003_S02_Rev 0 (Attached)

3 QUESTIONS & ANSWERS

Q1: The architectural drawings show a new door opening 4 feet wide. The structural shows the opening as 5 feet by 4 inches wide. Which is correct?

A1: The architectural drawings are correct the new rough opening for the door is 4 feet wide.

Q2: Is the owner obtaining and paying for the building permit?

A2: The building permit shall be obtained by Lakehead University.

Q3: On detail 2 drawing M2 there is a note to refer to structural for the new roof opening. There are no structural details for the roof on S01 drawing.

A3: The structural roof framing requirements are on shown on Drawing 14-1829-003_S02_Rev 0 (attached).

Q4: Will the existing ceiling tile in the main corridor adjacent to the new renovated space be replaced?

A4: Existing tile to remain. The contractor is to replace broken tiles.

Q5: Should the 2 inch by 2 inch wood furring in the *P1 – Interior Wall Assembly* be installed at 16 inch O.C?

A5: No. See attached drawing A1- Assemblies and Plan - Rev 1 - Dec 1 2014 for changes to P1 – Interior Wall Assembly.

Q6: Can the scope of work take place during working hours?

A6: The building is available to contractors as follows:

Monday to Friday: 6:00 am to 10:00 pm

Saturday and Sunday: 8:00 am to 8:30 pm

Q7: Will General Contractors have designated parking stalls?

A7: Contractors will be able to park in the Saunders lot. Vehicles must be clearly identified as contractor vehicles. A limited number of parking spots will be available so personnel should ride-share whenever possible.

Q8: Where does the cold water tie into the humidifier?

A8: The cold water connection for the humidifier will be tied into an existing cold water line serving a flush tank on the south wall of Mechanical Rm 2, adjacent to AHU-1. Note: the humidifier drain line will connect to an existing floor drain also located near the south wall of Mechanical Rm 2.

Q9: Should the entry door with opaque sidelight be a 36 inch door?

A9: Yes. See attached drawing A1- Assemblies and Plan - Rev 1 - Dec 1 2014.

Q10: What material should be used for the solid infill panel on the entry door with opaque sidelight?

A10: The solid infill panel will be metal and painted to patch door frame. See attached drawing A1- Assemblies and Plan - Rev 1 - Dec 1 2014.

Q11: What is the floor finish at the transition located at the entry door?

A11: Contractor to provide sheet vinyl transition strip, color to be determined by consultant. A metal threshold is to be installed.

Q12: Will a Designated Substance Report be required?

A12: Please see attached Asbestos report abridged to reflect areas involved in the renovation. Generally the building audit report outlines Asbestos occurring in three typical ways:

1) Vinyl Floor tile,

2) Mechanical Joint Insulation,

3) Drywall joint and filler compound.

The Squash court is believed to be constructed of cemsentious parging on concrete block and should not contain asbestos due to anticipated lack of filler or joint compound. The wall paint in the squash court is also being tested for Lead content.

This area is being tested separately and results will be communicated once available.

Q13: Will there be a privacy screen added to the upper window in the second level corridor?

A13: There will be no privacy screen.

Q14: Will the equal as listed below be considered?

Hardwood Floor Primer: FiniTech Primer EX-3

Hardwood Floor Finish: FiniTech Ex-Duo

A14: Yes

Q15: What sheen level would you like for the hard wood floor finish?

A15: Low sheen

Q16: Would Cel-lok system by Owens Corning be acceptable rather than using 2 inch by 2 inch wood strapping?

A16: Yes

Q17: Do you have a specification for rigid wall insulation?

A17: No.

Q18: Do you have a detail of how the floor of the yoga room will marry up to the floor of the corridor? Will there be a threshold?

A18: Please see Question 11 (Q11).

Q19: How is the metal squash pan fastened to the wall?

A19: Site confirmation is required.

Q20: Can the cement board be fastened to the open web steel joist (OWSJ) using furring bar wired to the OWSJ and then the cement board would be fastened to the furring bar? Will a Detail be issued?

A20: A suitable fastening method shall be determined by the installer. No detail will be issued.

Q21: How should the shrinkage cracks between the floor boards be treated?

A21: Apply a trowelable wood filler to match.

4 ATTACHMENTS

.1 Drawing A1- Assemblies and Plan - Rev 1 - Dec 1 2014

.2 Drawing A3 - Cross Section - Rev 1 - Dec 1 2014

.3 Drawing 14-1829-003_S02_Rev 0

.4 Drawing 1 – Asbestos Audit for Sanders Fieldhouse, Main Floor – 09/26/08.

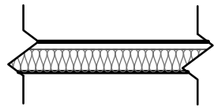
.5 Drawing 2 – Asbestos Audit for Sanders Fieldhouse, Basement Floor – 09/26/08.

.6 Hazardous Materials Inventory Report – Building #: 7 Sanders Fieldhouse – 2006-08-14

.7 Mandatory Site Attendee List

END OF ADDENDUM NO. 01

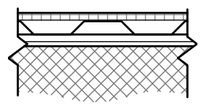
1 Assemblies
1 : 10



P1 - Interior Wall Assembly

1. 5/8" Drywall
2. 6 mil AVB
3. 1.5" Rigid Insulation w/ 2x2 wood furring at 2' o/c

*Provide blocking for fastening of mirrors and ballet bar.



C1 - Interior Ceiling Assembly

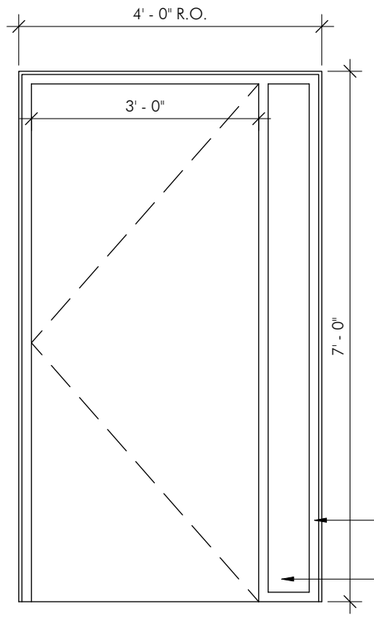
1. Existing metal deck and OWSJ

2. R40 spray foam insulation w/ thermal barrier.

-Walltite Eco - Spray Polyurethane Foam Insulation / Air Barrier (or approved equal).

-AD Cementitious Thermal Barrier (or approved equal), 22m thick. Suitable for exposure in supply and return air ceiling conditions

3. Provide 1" coverage to OWSJ webs, see detail A5/2



Notes:

Contractor to provide construction core and zero pinned cylinder to LU for pinning. Keyway to be confirmed at shop drawing submission to LU.
BMI to confirm door closer provided.

Door Angle and paint color T.B.D.

Lock:

Keyed Lock ND53PD-RHO-626

• Push-button locking: Pushing button locks outside lever until unlocked by key or by turning the inside lever.

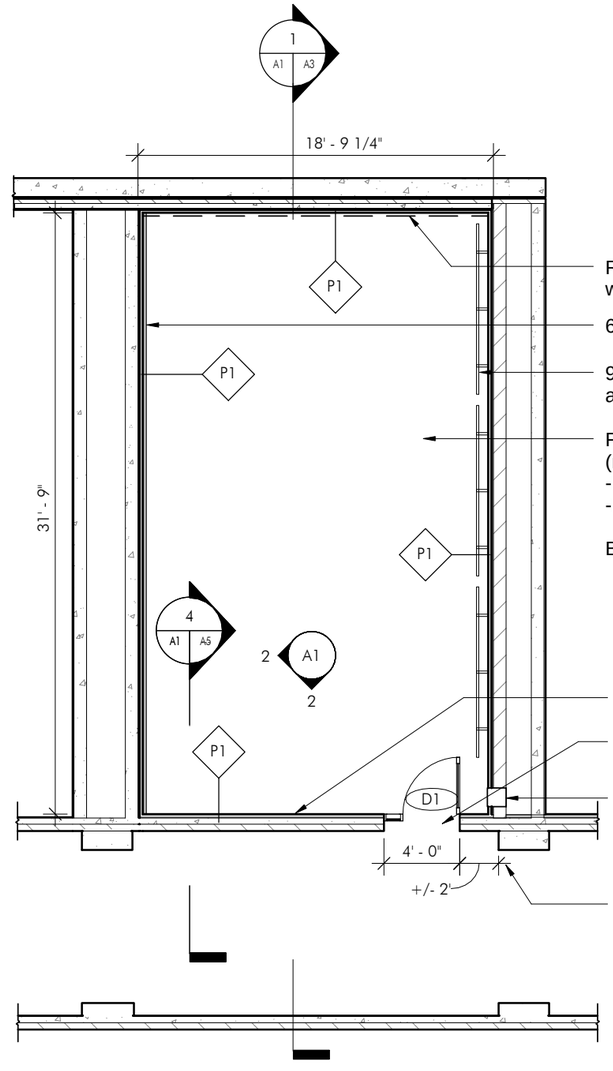
Hinges:

Interior Stanley FBB179 4.5" x 4"

FBB179 – (ANSI A8112)

Steel – polished and plated

2 Entry Door
1/2" = 1'-0"



3 + / Floor
1/8" = 1'-0"

A1

12-026.10 • Lakehead University • Moksha Yoga
Assemblies and Plan

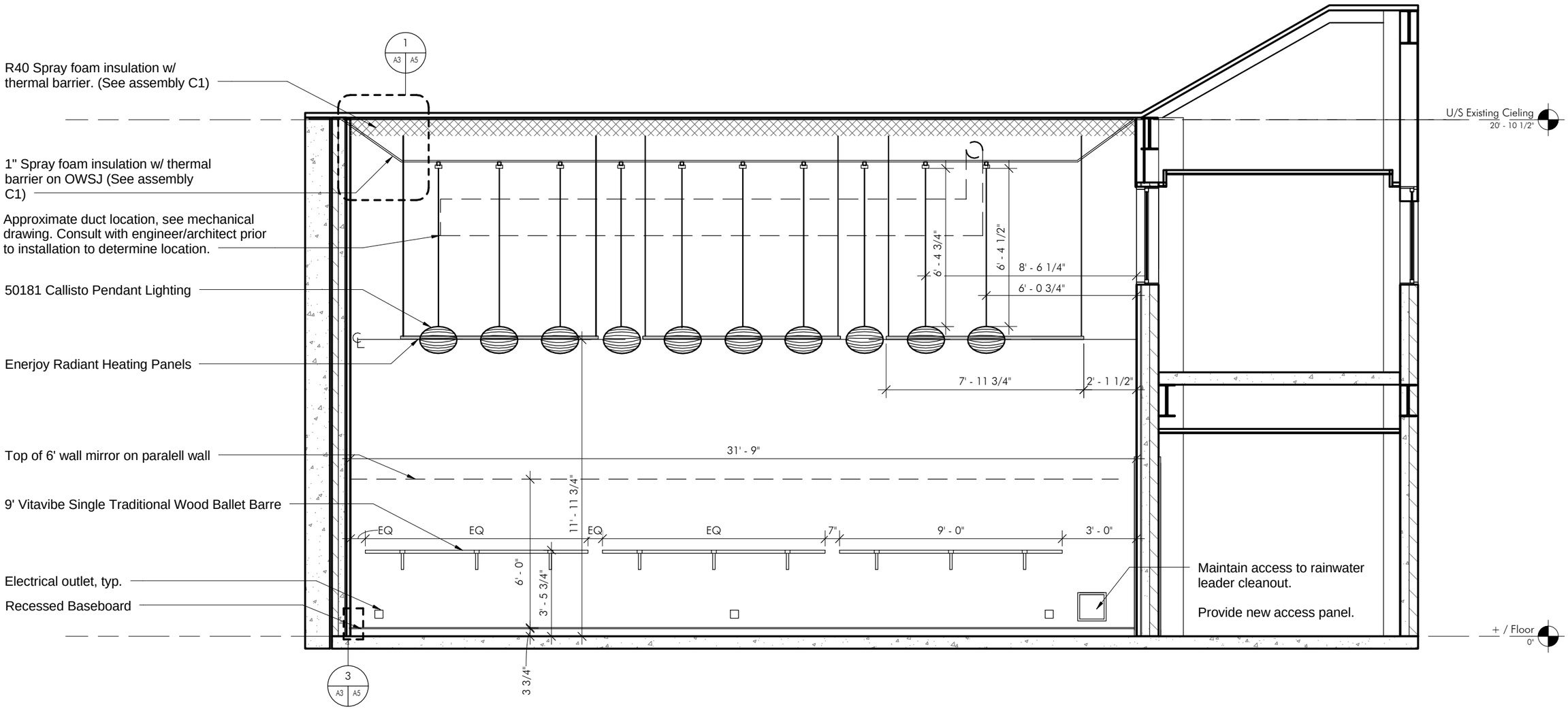
Date: 08/11/14

Project No: 12-026.10

NO.	DATE	DESCRIPTION
2	2014/12/01	ISSUED FOR BUILDING PERMIT
1	2014/12/01	REVISED DRAWING A1 & A3.

ONTARIO ASSOCIATION OF ARCHITECTS
CALVIN BROOK
LICENCE
5415

BrookMcIlroy/



A3

Date: 08/11/14

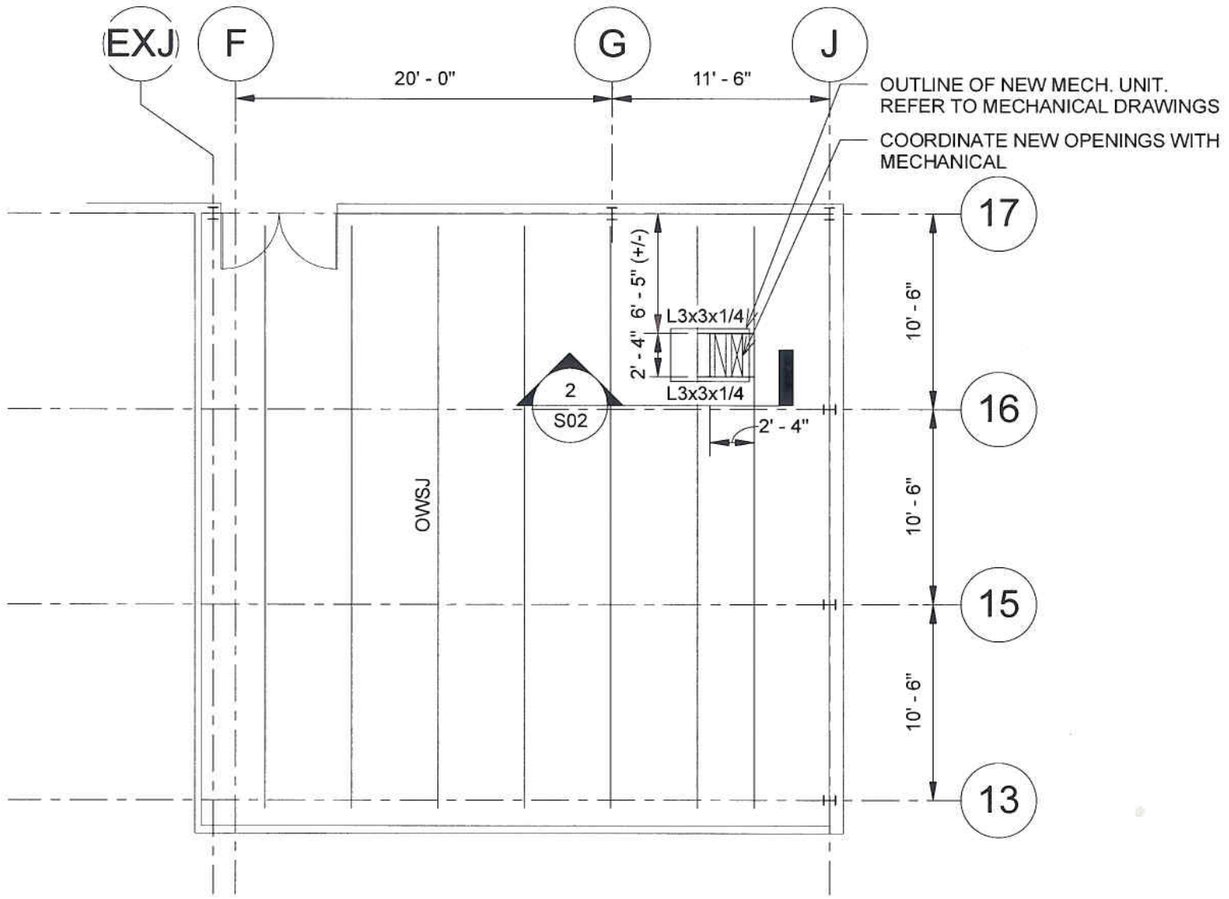
12-026.10 • Lakehead University • Moksha Yoga
Cross Section Scale 1/4"=1'-0"

Project No: 12-026.10

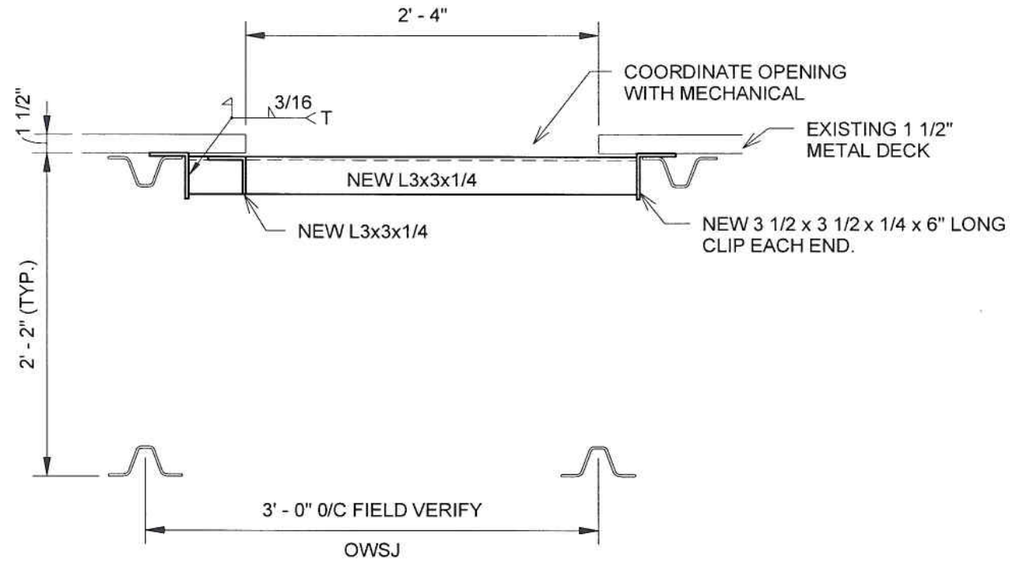
NO.	DATE	DESCRIPTION
2	2014/12/01	ISSUED FOR BUILDING PERMIT
1	2014/12/01	REVISED DRAWING A1 & A3.

ONTARIO ASSOCIATION OF ARCHITECTS
CALVIN BROOK
LICENCE
5415

BrookMcIlroy/



1 MECH. RM. ROOF FRAMING PLAN
1/8" = 1'-0"



2 SECTION
1" = 1'-0"

NO.	YY/MM/DD	DESCRIPTION	BY
0	14/11/27	ISSUED FOR TENDER	

REVISIONS / ISSUE

CLIENT: BrookMcIlroy

PROJECT:
MOKSHA YOGA STUDIO
LAKEHEAD UNIVERSITY

DWG. DESCRIPTION:
PARTIAL PLAN LAYOUT, SECTION, AND NOTES

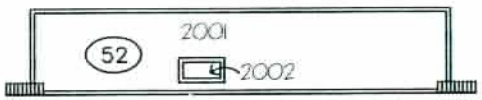
ENG. STAMP:
LICENSED PROFESSIONAL ENGINEER
Nov 2014
B. W. SKRABEK
PROVINCE OF ONTARIO

KGS GROUP CONSULTING ENGINEERS

DESIGN BY:	BS	DATE:	09/04/14
DESIGN CHECK:	YS	DATE:	14/11/27
DRAWN BY:	CM	DATE:	09/04/14
DWG CHECK:	YS	DATE:	14/11/27

DWG. NO. 14-1829-003 S02

REV. 0



MECHANICAL ROOM ON SECOND FLOOR

MAIN FLOOR PLAN

LEGEND

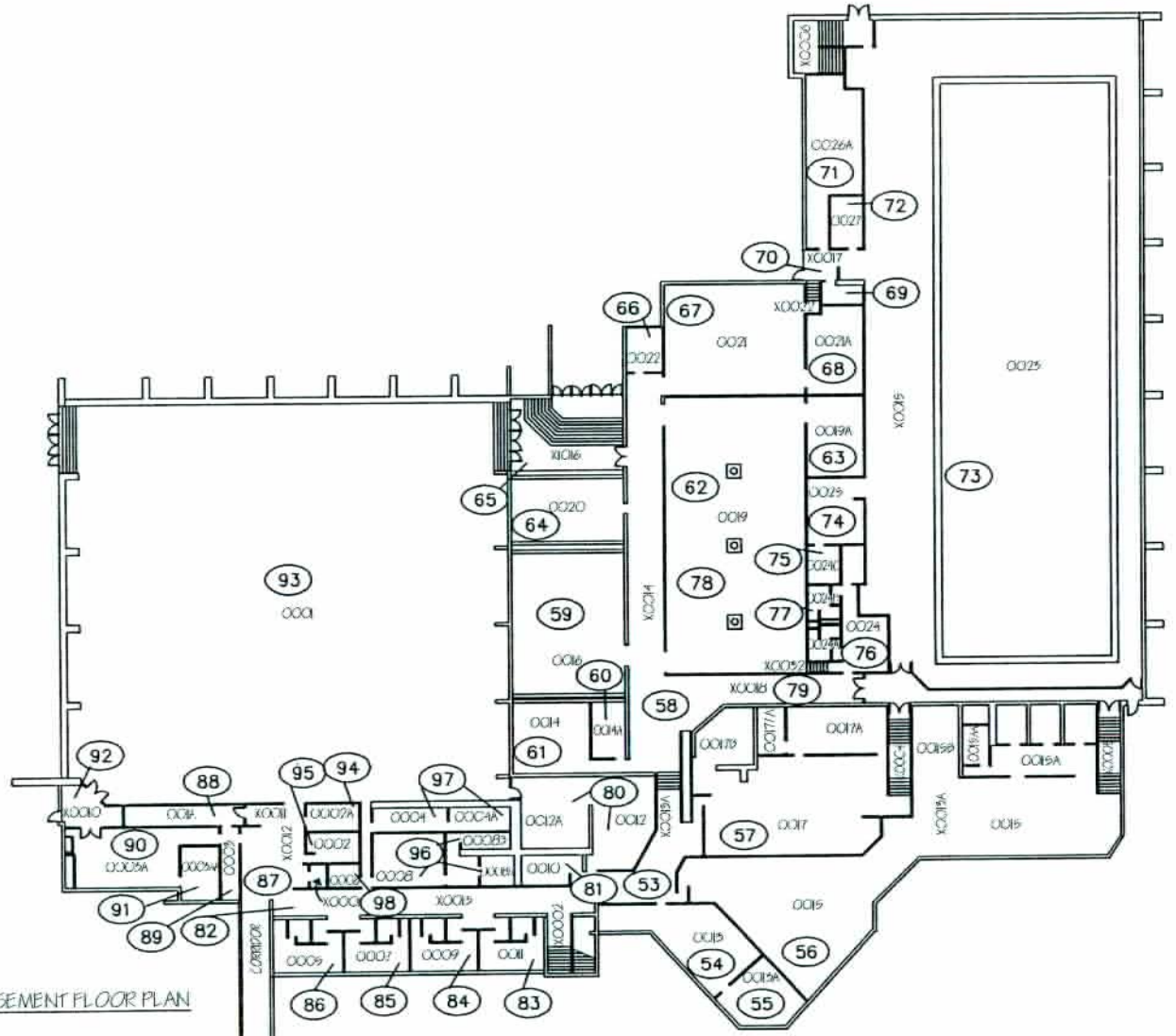
(XXX) Pinchin Location Number

PINCHIN ENVIRONMENTAL
54 TERRACON PLACE, WINNIPEG, MANITOBA R2J 4G7
PHONE:(204) 452-0983 FAX:(204) 453-0788

Asbestos Audit
Lakehead University
Thunder Bay, Ontario

Sanders Fieldhouse
Main Floor

PINCHIN PROJECT NO.	47457
DRAWN BY: REL	DATE: 09/26/08
REVIEWED BY: DXG	CLIENT: Lakehead University
SCALE: NTS	DRAWING NO.: 1



BASEMENT FLOOR PLAN

LEGEND

(XXX) Pinchin Location Number

PINCHIN ENVIRONMENTAL
54 TERRACON PLACE, WINNIPEG, MANITOBA R2J 4G7
PHONE:(204) 452-0983 FAX:(204) 453-0768

Asbestos Audit
Lakehead University
Thunder Bay, Ontario

Sanders Fieldhouse
Basement Floor

PINCHIN PROJECT NO. 47457
DRAWN BY: REL
DATE: 09/26/08
REVIEWED BY: DXG
CLIENT: Lakehead University
SCALE: NTS
DRAWING NO.: 2

HMIS Hazardous Materials Inventory System

Client: Lakehead University
Site: Lakehead University
Building #: Sanders Fieldhouse, Sanders Fieldhouse
Building #: 7, 7
Date: 02/12/14 11:31:35 EST
User: Shannon

Lakehead UNIVERSITY

Custom Report:

[Print] [Close]

Building #: 7 Building Name: Sanders Fieldhouse Surveyor: JYC Survey Date: 2006-08-14
Location #: 2 Location Name: Hallway Floor: 1 Square Feet: 1340 Room #: SBX1016

System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action						Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Ceiling	AT-001 - Fissure, Pinholes, Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	160						SF	S **0016**	None	
Ceiling	AT-002 - Formed Two squares	Lay-in ceiling tiles	Surface	N/A	C	Y	32						SF	S **0017**	None	
Ceiling	AT-003 - Fissure, Many Pinholes, Irregular Holes	Lay-in ceiling tiles	Surface	N/A	C	Y	1008						SF	S **0018**	None	
Ceiling		Drywall and Joint compound	Surface	Paint	C	Y	136	(7)	4	(7)			SF	V **0015**	Confirmed Asbestos	Non-Friable
Duct	Supply Air	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	1						SF	S **0004**	None	
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	5						SF	S **0002**	None	
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	1320	(7)	16	(7)			SF	S **0003**	Confirmed Asbestos	Non-Friable
Mechanical Equipment	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Other	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Piping	All	Fibreglass	System	Canvas	C	N							NI	NI **NI**	None	
Structure	Steel Truss	Metal	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Walls		Masonry	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	

Note: ~ 4 sq ft chipping and cracking MJC. Revised 2012 (hw). Revised December 2013 (HW).

Building #: 7 Building Name: Sanders Fieldhouse Surveyor: JYC Survey Date: 2006-08-14
Location #: 3 Location Name: Mechanical Floor: 1 Square Feet: 2400 Room #: SB1022

System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action						Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Ceiling	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Duct	Supply Air	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Duct	Fresh Air Intake	Fibreglass	Surface	All Service Jacket	C	Y							NI	NI **NI**	None	
Floor		Concrete(poured)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Air Handling Unit	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Air Handling Unit	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Air Handling Unit	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Air Handling Unit	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Other	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Piping	Domestic Water (Hot & Cold)	Fibreglass	System	All Service Jacket	C	Y							NI	NI **NI**	None	
Piping one	Hot Water Heating	Magnesia block	Straight	Canvas	C	Y	360	(7)					LF	S **0029**	Confirmed Asbestos	Friable
Piping one	Hot Water	Parging Cement	Fitting	Canvas	C	Y	18	(7)					EA	S **0021**	Confirmed	Friable

	Heating													Asbestos	
Piping two	Steam Supply	Magnesia block	Straight	Canvas	C	Y	520	(7)				LF	S **0030**	Confirmed Asbestos	Friable
Piping two	Steam Supply	Parging Cement	Fitting	Canvas	C	Y	46	(7)				EA	S **0022**	Confirmed Asbestos	Friable
Structure	Steel Truss	Metal	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Walls		Masonry	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	

Building #: 7 Building Name: Sanders Fieldhouse Surveyor: JYC Survey Date: 2006-08-14

Location #: 14 Location Name: Mechanical Room Floor: 1 Square Feet: 2400 Room #: SB1018

System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action						Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Ceiling	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Duct	Supply Air	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Duct	Fresh Air Intake	Fibreglass	Surface	All Service Jacket	C	Y							NI	NI **NI**	None	
Floor		Concrete(poured)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Air Handling Unit	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Air Handling Unit	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Tank	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Tank	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Tank	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Other	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Piping	Steam Supply	Magnesia block	Straight	Canvas	C	Y	449	(7)			1	(3)	LF	V **0030**	Confirmed Asbestos	Friable
Piping	Steam Supply	Parging Cement	Fitting	Canvas	C	Y	97	(7)			3	(3)	EA	V **0022**	Confirmed Asbestos	Friable
Structure	Steel Truss	Metal	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Walls		Masonry	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	

Note: updated 2012 (hw)

Building #: 7 Building Name: Sanders Fieldhouse Surveyor: JYC Survey Date: 2006-08-14

Location #: 15 Location Name: Hallway Floor: 1 Square Feet: 1000 Room #: SBX1014

System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action						Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Ceiling		Drywall and Joint compound	Surface	Paint	C	Y	100	(7)					%	S **0015**	Confirmed Asbestos	Non-Friable
Duct	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	100						%	V **0000**	None	
Mechanical Equipment	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Other	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Piping	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Structure	Not Accessible	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Walls		Masonry	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	

Note: Includes X1015, X1013

Building #: 7 Building Name: Sanders Fieldhouse Surveyor: JYC Survey Date: 2006-08-14

Location #: 58 Location Name: Hallway Floor: B Square Feet: 1000 Room #: SBX0014

System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action						Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Ceiling		Drywall and Joint compound	Surface	Paint	C	Y	100	(7)					%	V **0015**	Confirmed Asbestos	Non-Friable
Duct	Not Found	(No	(No	(No	NI	NI							NI	NI **NI**	None	

		Information)	Information)	Information)											
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	943	(7)				SF	V **0003**	Confirmed Asbestos	Non-Friable
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	2					SF	V **0008**	None	
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	55					SF	S **0009**	None	
Mechanical Equipment	Not Found	(No Information)	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Other	Not Found	(No Information)	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Piping	Not Found	(No Information)	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Structure	Not Accessible	(No Information)	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Walls		Masonry	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	

Note: Tiles listed as V0003 (red), tiles are NOT red. 12x12 off white with dark grey specks and stripes or 12x12 cream with blue/brn specks (2011).

Building #: 7 Building Name: Sanders Fieldhouse Surveyor: JYC Survey Date: 2006-08-14

Location #: 59 Location Name: Room Floor: B Square Feet: 1280 Room #: SB0016

System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action						Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Ceiling	AT-001 - Fissure, Pinholes, Irregular Holes	Lay-in ceiling tiles	Surface	N/A	D	Y	100						%	V **0016**	None	
Duct	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Floor		VSF and Mastic Adhesive	Surface	N/A	A	Y	100						%	V **0000**	None	
Mechanical Equipment	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Other	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Piping	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Structure	Not Accessible	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Walls		Concrete(poured)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	

Building #: 7 Building Name: Sanders Fieldhouse Surveyor: JYC Survey Date: 2006-08-14

Location #: 60 Location Name: Room Floor: B Square Feet: 500 Room #: SB0014

System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action						Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Ceiling	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Duct	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Floor		Concrete(poured)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Other	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Piping one	Steam Supply	Magnesia block	Straight	Canvas	B	Y	5	(7)					LF	S **0033**	Confirmed Asbestos	Friable
Piping one	Steam Supply	Parging Cement	Fitting	Canvas	B	Y	2	(7)					EA	S **0028**	Confirmed Asbestos	Friable
Piping two	Hot Water Heating	Magnesia block	Straight	Canvas	B	Y	8	(7)					LF	S **0032**	Confirmed Asbestos	Friable
Piping two	Hot Water Heating	Parging Cement	Fitting	Canvas	B	Y	4	(7)					EA	S **0027**	Confirmed Asbestos	Friable
Piping three	Domestic Water (Hot & Cold)	Fibreglass	System	All Service Jacket	B	Y							NI	NI **NI**	None	
Piping four	Condensate Return	Magnesia block	Straight	Canvas	B	Y	5						LF		[Presumed Asbestos]	
Piping four	Condensate Return	Parging Cement	Fitting	Canvas	B	Y	2	(7)					EA	**0028**	[Confirmed Asbestos]	Friable
Structure	Deck	Concrete(poured)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	

Walls		Concrete(poured)	(No Information)	(No Information)	NI	NI					NI	NI **NI**	None	
Walls		Wood	(No Information)	(No Information)	NI	NI					NI	NI **NI**	None	

Note: Revised 2012 (hw).-P4 changed from 40 to 5 (rest abated), P4 changed from 1 to 2, P2 changed from 38 to 8 (rest are bare), P1 changed from 39 to 5 (rest are bare).

Building #: 7 Building Name: Sanders Fieldhouse Surveyor: JYC Survey Date: 2006-08-14

Location #: 61 Location Name: Custodian's Office Floor: B Square Feet: 700 Room #: SB0014A

System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action						Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Ceiling	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Duct	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Floor		Concrete(poured)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Other	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Piping	Chilled Water Return	Parging Cement	(No Information)	(No Information)	A	Y	1								[Presumed Asbestos]	
Piping	Chilled Water Return	Magnesia block	(No Information)	(No Information)	A	Y	12								[Presumed Asbestos]	
Piping one	Steam Supply	Magnesia block	Straight	Canvas	B	Y	12	(7)					LF	V **0033**	Confirmed Asbestos	Friable
Piping one	Steam Supply	Parging Cement	Fitting	Canvas	B	Y	2	(7)					EA	V **0028**	Confirmed Asbestos	Friable
Piping two	Hot Water Heating	Magnesia block	Straight	Canvas	B	Y	2	(7)					LF	V **0032**	Confirmed Asbestos	Friable
Piping two	Heating Water Supply	Parging Cement	Fitting	Canvas	B	Y	2	(7)					EA	V **0027**	Confirmed Asbestos	Friable
Piping two	Heating Water Return	Parging Cement	Fitting	Canvas	B	Y	2	(7)					EA	V **0027**	Confirmed Asbestos	Friable
Piping three	Domestic Water (Hot & Cold)	Fibreglass	System	All Service Jacket	B	Y							NI	NI **NI**	None	
Structure	Deck	Concrete(poured)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Walls		Concrete(poured)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Walls		Wood	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	

Note: Revised Sept 2012 (CJL). Revised December 2013 (HW).

Building #: 7 Building Name: Sanders Fieldhouse Surveyor: JYC Survey Date: 2006-08-14

Location #: 64 Location Name: Squash Court Floor: B Square Feet: 640 Room #: SB0020

System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action						Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Ceiling	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Duct	Supply Air	Not Insulated	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Floor		Wood	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Mechanical Equipment	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Other	Not Found	(No Information)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Piping	Rain Water Leader	Fibreglass	Insulation	All Service Jacket	D	Y							NI	NI **NI**	None	
Structure	Steel Truss	Metal	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	
Walls		Concrete(poured)	(No Information)	(No Information)	NI	NI							NI	NI **NI**	None	

Building #: 7 Building Name: Sanders Fieldhouse Surveyor: JYC Survey Date: 2006-08-14

Location #: 65 Location Name: Vestibule Floor: B Square Feet: 1200 Room #: SBX1016

System	Component	Material	Item	Covering	Access	Visible	Condition Qty & Action						Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Ceiling		Drywall and Joint compound	Surface	Paint	C	Y	100	(7)					%	V **0015**	Confirmed Asbestos	Non-Friable

Duct	Not Found	(No Information)	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	600	(7)				SF	V **0003**	Confirmed Asbestos	Non-Friable
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	5					SF	V **0006**	None	
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	4					SF	V **0002**	None	
Floor		VAT and Mastic Adhesive	Surface	N/A	A	Y	1					SF	V **0008**	None	
Floor		Concrete(poured)	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Mechanical Equipment	Not Found	(No Information)	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Other	Not Found	(No Information)	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Piping	Not Found	(No Information)	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Structure	Not Accessible	(No Information)	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	
Walls		Masonry	(No Information)	(No Information)	NI	NI						NI	NI **NI**	None	

Note: Dark staining consistent with the appearance of mould is present on ceiling (2011).

Legend:

Action				**Access**		**Condition**		**Sample Number**	
(1)	Clean Up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected
(3)	ACM removal	(4)	Precautions for Work Which may Disturb ACM in Poor Condition	B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking or deterioration.	V####	Material is visually identified to be identical to S####
(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair	C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material	V0000	Known non-asbestos material
(7)	Management program and surveillance			D	Not normally accessible or without demolition	NOTE: See report for full definitions of action, access and condition		V9000	Material is known to contain asbestos
								V9500	Material is presumed to contain asbestos
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual								Note: Presumed various materials identified in the report are ACM if not sampled.	

Units SF - Square Feet LF - Linear Feet EA - EACH % - Percentage

Mandatory Site Attendee List
Physical Plant
PROJECT OR RFQ SB#14-015
DESCRIPTION OF PROJECT: Moksha Hot Yoga Renovations
DATE: Wednesday 26 November 2014

Lakehead
UNIVERSITY

Attendee's name	Firm Name	Discipline	General Contractor?	Phone	Fax	Email
Dave Drinnac	Thermal Mech.	Plumbing	Sub	345-5200	345-5784	thermal@tbaytel.net
Aaron Wade	Dynamic Painting	Painting	Sub	623 9585	623 9586	aaron_tmk@hotmail.com
Kasey Patoha	Aegus Contracting	G.C.	✓	768-8887	286-4651	kasey@aegus.ca
Len Carr	LenCarr Electric Ltd	Elec	No	622-1755	622-7362	lencarrelectric@tbaytel.net
Murray Larbutt	Ruggedair Systems	HVAC	NO	623-4445	623-3121	MURRAY.LARBUTT@RUGGEDAIR.COM
Barry Leochko	Clow Darling Ltd.	HVAC	NO	623-3623	622-2569	BARRY@CLOWDARLING.COM
Joe Riton	Riton & Sons	GC	✓	285-3426	285-3427	ritonandsons@shaw.ca
Peter McCarty	Aurora Construction	G.C.	YES.	628-1910	622-0013	aurora.peter@tbaytel.net
Gary Prezio	G. Prezio Elect	Elect	No	346-1222	346-1224	gary@prezioelectric.com
David House	DRD Construction Serv	G.C.	YES	623 4540	623 5534	drdhse@shaw.ca
Gary Vibert	Rossdale Renovations	GC	YES	939-1352	939-1327	rossdale@tbaytel.net
Jeff Pradal	L. Pradal & Sons Ltd.	GC	Yes	345-5420	345-2020	jgpradal@tbaytel.net

Mandatory Site Attendee List
Physical Plant
PROJECT OR RFQ SB#14-015
DESCRIPTION OF PROJECT: Moksha Hot Yoga Renovations
DATE: Wednesday 26 November 2014

Lakehead
UNIVERSITY

Attendee's name	Firm Name	Discipline	General Contractor?	Phone	Fax	Email
Jean Laforest	Isaacon Const. Inc	Gen. Cont.	Yes	620-8535	285-5473	jlaforest@isaacon.co
Finnway GC.	Jim Nault	GC.	Yes.	767-2424	767-5948	Jim@finnway.com
~~Eric~~ ERIC DESARTE	MANSHIELD CONS.	GC	YES	346-1650	346-1654	edesarte@manshield.c