



**Albert Community Center
Asbestos Survey Report**



January 2014

Prepared For: City Of Saskatoon- Infrastructure Services Department
1101 Avenue P North, Saskatoon, SK.
Attn: Brent Anderson

Prepared By: Bersch & Associates Ltd.
Project No. : B67SRD29

1.0 EXECUTIVE SUMMARY

The survey of the Albert Community Center located at 610 Clarence Avenue South in Saskatoon, Saskatchewan entailed the inspection of all accessible suspect asbestos containing material (ACM) located throughout the facility. Materials inspected included mechanical insulating material, vinyl floor covering, plaster compound and chalk boards. This report is in conjunction with the previous bulk sampling performed in 2009 within the Boiler Room.

Bulk sample analysis results indicate the presence of “Chrysotile” asbestos within the Albert Community Center located in Saskatoon, SK. Please refer to **Appendix I for Bulk Sample Analysis** results and **Bulk Sample Photos**. The recommended actions to be implemented in reference to the ACM identified are Repair, Removal and Management. Please refer to section 5 Asbestos Abatement Discussion for definitions. It should be noted that the recommendation of “Management” as part of the asbestos action plan is based upon the premise that renovations are not scheduled throughout the area that would impact the asbestos containing material present. *Prior to any major renovation/demolition activity, a destructive investigation is recommended to identify any inaccessible ACM that is physically concealed or isolated in areas such as enclosed wall/ceiling/floor cavities and pipe chases.* Asbestos was detected in the following forms throughout the facility:

- **Asbestos Mud Compound** and lineal pipe insulation is located in the Basement Boiler Room.
- **Lineal Pipeline Insulation** has been identified in rooms 2A, 3A, 4, 4A, 5A, 5C, 8 and Boiler Room. It is suspect that all pipeline insulation within inaccessible enclosed ceiling spaces of the facility is ACM.
- **Pipeline Fitting Compound** has been identified in rooms 2, 2A, 3, 3C, 4, 4A and Boiler Room. It is suspect that all pipeline fittings within inaccessible enclosed ceiling spaces of the facility are ACM.
- **Asbestos Floor Tile** is located in the Basement Room 3, Third floor rooms 30, 30D, 31, 32, 33, 34, 35, 36, 37, 38, 40 and Fourth Floor Daycare Area 40.

The various types of accessible ACM within the facility have been clearly identified to eliminate uncertainty of asbestos content. The identification of these materials is as follows:

- The Asbestos Mud Compound and Lineal Pipeline Insulation are identified with a red “ASBESTOS” stencil.
- Asbestos Pipeline Fittings on mechanical lines containing fiberglass lineal runs of insulation have been identified with a red dot.
- Asbestos Floor Tile is identified on the **Floor Plans** in **Appendix III** of this report.

Throughout the survey of the Albert Community Center the Asbestos Containing Materials were assessed and given a Priority Rating of One, Two or Three, with Priority One being the items requiring the most immediate attention. See the **Survey Spreadsheet Database in Appendix II** for a room-by-room account.

Bersch & Associates Ltd. implemented the use of doorjamb labels that are applied to all the doorjambs of the rooms containing asbestos within the facility. This permits anyone accessing the room to easily identify the ACM present without having to reference the written report. Legends providing explanation of the abbreviations used on doorjambs were placed on the backside of all maintenance/custodial doors within the facility. Employees and contractors will use the legend as a reference to identify ACM within the areas they are working.

2.0 INTRODUCTION

Bersch & Associates Ltd. was retained by the City of Saskatoon to conduct an Asbestos Survey and Hazard Assessment of the Albert Community Center located in Saskatoon, SK. The survey entailed the inspection of all accessible areas of the facility; including crawlspaces, ceiling spaces, pipe chases, and attics. The purpose of the survey was to locate, identify and assess the condition of all Asbestos Containing Materials (ACM) located throughout the facility. This report gives a detailed account of the inspection results and our firm's recommendations on control options to be implemented to bring the facility in compliance with the Province of Saskatchewan Occupational Health and Safety Act and Regulations. Bersch & Associates Ltd. conducted the survey in January 2014. This report is in conjunction with the previous bulk sampling performed in 2009 of the Boiler Room. A review of this report shall be conducted with all trades that are entering the facility to perform maintenance or renovation activity. This will ensure they are familiar with the types and locations of asbestos-containing materials present and prevent any uncontrolled disturbance and/or possible exposure to asbestos.

3.0 METHODOLOGY

Bersch & Associates Ltd. conducted the survey of the Albert Community Center in Saskatoon, SK in January of 2014. Previous bulk sampling was done within the Boiler Room in 2009. The primary documents for guidance and criteria in this survey were the Province of Saskatchewan "Occupational Health and Safety Act and Regulations, 1996", Province of Saskatchewan "Managing Asbestos", and the U.S. Environmental Protection Agency "Guidance for Controlling Asbestos Containing Materials in Buildings". The USEPA document identifies factors associated with the "condition" and the "potential for disturbance or erosion" of asbestos containing materials (ACM). These factors help to determine potential for exposure to ACM and were used to make a qualitative evaluation of the material. It should be noted that the recommendation of "Management" Asbestos Abatement Action is based upon the premise that renovations are not scheduled in that area that will require disturbing or violating the asbestos containing material. In the event that renovations are scheduled that impact upon the areas of

asbestos containing material then pre-removal of the asbestos containing materials may be necessary.

In total, thirty-one (31) bulk samples of suspect asbestos-containing materials were collected throughout the facility. Chrysotile asbestos was identified within a few off the samples collected. Refer to Appendix I for a copy of the Bulk Sample Analysis Report. All bulk samples collected were analyzed by Bersch & Associates Ltd. laboratory in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as <1% by volume.

4.0 RECOMMENDATIONS:

Throughout the survey of the Albert Community Center the Asbestos Containing Materials were assessed and given a Priority Rating of One, Two or Three, with Priority One being the items requiring the most immediate attention. As a result, "Priority One" items were identified within the facility within the Basement Rooms 5A and 5C. Future planning should begin to address these areas as per the recommendations provided in the attached **Asbestos Survey Database found in Appendix II**. Priority Ratings for all other ACM identified is also found in the database on a room-by-room account.

5.0 ASBESTOS ABATEMENT DISCUSSION

Asbestos is a known carcinogen and is listed in the Province of Saskatchewan under the Occupational Health and Safety Appendix, Part V as a Hazardous Chemical Substance and any release of asbestos fibres into the atmosphere creates a potential health hazard. Although the mechanism and epidemiology of asbestos carcinogenesis is not yet well defined, accumulating evidence suggests the significance of exposure at even very low fibre concentrations and hence human exposure should be kept to a minimum. It should be noted however that asbestos is a natural mineral and a measurable background concentration can be detected in any location sampled (inside buildings, outside buildings, urban, rural, etc.). The recommendations of the report are therefore intended to keep the potential exposure to an absolute minimum with the knowledge that a zero exposure is not possible.

Asbestos containing materials have been used in a wide variety of applications. Of particular concern, is the group of so called friable products. A friable product is one that can be crumbled or reduced to powder or smaller fragments by hand pressure. Publications from the U.S.E.P.A. as early as 1977 have indicated the potential hazard of asbestos exposure in buildings containing these friable products. The two main uses of friable asbestos products are as spray insulation (thermal, acoustic or fireproofing) on deck and/or beams or as thermal insulation on piping or mechanical equipment. A large amount of non-friable asbestos-containing materials have also been used in building construction such as asbestos cement board and asbestos containing vinyl flooring.

The mere presence of a friable asbestos containing material does not imply that there is an actual presence of elevated airborne fibre. As numerous studies have indicated, elevated asbestos fibre levels are generally found when settled dust or the actual asbestos containing material itself is disturbed by maintenance, renovation, inadvertent contact or vibration. The factors considered in the Environmental Protection Agency (USEPA) exposure assessment (condition of material, water damage, activity, movement, exposed surface area, accessibility, friability and presence in an air stream) often give some indication of the likelihood of fibre release but are not in any way definitive in determining whether a hazard exists or not. That is, even if the most friable product exists in a building, elevated fibre levels will not likely occur unless there is some disturbance by physical contact, vibration or an air stream.

There are four possible approaches to control exposure to airborne asbestos once a friable material is identified in a building. These methods briefly are as follows:

- A) **Removal** - Asbestos material is removed and disposed of by burial and replaced by non-asbestos materials.
- B) **Encapsulation** - Asbestos material is coated with a bridging or penetrating sealant.
- C) **Enclosure** - Asbestos containing materials are separated from the building environment by barriers such as suspended ceilings or cladding materials.
- D) **Deferred Action or Management and Custodial Control** - The Province of Saskatchewan Human Resources, Labor and Employment Branch under the Occupational health and Safety Regulations publish a document outlining “The Management of Asbestos”. In the guide for compliance, an action plan is outlined for management of the asbestos materials identified and in summary is:
 1. Identification, which has been accomplished by this report.
 2. Development of Written Handling Procedures for maintenance personnel or often arrangements are made for a qualified contractor to conduct the necessary removal or spot maintenance prior to the regular staff conducting maintenance.
 3. Asbestos Abatement Awareness and Process Training if the regular maintenance personnel are required to conduct asbestos related activities.
 4. Inspection on regular basis is conducted to determine the ongoing condition of the material. Sask. Occupational Health & Safety Regulations require an “annual” inspection of all “friable” asbestos materials by a competent person.

In the event renovations or maintenance is performed within areas containing asbestos materials, written procedures must be developed to conduct the activity or prior removal if the situation warrants.

6.0 REFERENCES

- .1 Province of Saskatchewan "The Occupational Health and Safety Act and The Occupational Health and Safety Regulations" Office Consolidation, December 1996.
- .2 Province of Saskatchewan Human Resources, Labor, and Employment "The Management of Asbestos" January, 1991.
- .3 USEPA, 1985. U.S. Environmental Protection Agency, "Guidance for Controlling Asbestos-Containing Materials in Buildings". Washington, DC: Office of Toxic Substances, USEPA.
- .4 Midwest Centre for Occupational Health & Safety St. Paul's, Minnesota – Asbestos Training For Inspectors & Management Planners
- .5 McCrone Research Institute Course Hayward California " Asbestos Identification"
- .6 Environment Management and Protection Act, Saskatchewan Environment, October 2002
- .7 Hazardous Substances and waste Dangerous Goods Regulations, Saskatchewan Environment, April 1989

APPENDIX I

BULK SAMPLE ANALYSIS REPORT

BERSCH & ASSOCIATES LTD.

January 24, 2014

City Of Saskatoon
Infrastructure Services Department
1101 Avenue P North
Saskatoon, Sk.
S7L 7K6

ATTENTION: Brent Anderson

SUBJECT: Bulk Sample Analysis Report

Please find attached the laboratory results for the bulk analysis of the samples collected throughout the Albert Community Center located at 610 Clarence Avenue South in Saskatoon, SK. The samples were analyzed in our laboratory for the identification of asbestos.

The results for the bulk samples were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client. If any questions arise on the results of the attached information please contact me at 306 222 7477. Thank you for this opportunity of service!

Sincerely,

Brad Berschiminsky
Bersch & Associates Ltd.
File: B67BLD29

Bersch & Associates Ltd.

B67BAD29

Box 3568

Humboldt, Sask. S0K 2A0

BULK SAMPLE ANALYSIS REPORT**PROJECT NO. B67.14****CLIENT: City of Saskatoon****Infrastructure Services - Facilities Branch****Contact: Brent Anderson****Location: Albert Community Center - 610 Clarence Avenue South, Saskatoon, SK.**

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	29-Apr-13	Basement Room 4 Storage - Lineal aircell in northwest corner above suspended ceiling	Chrysotile	60	WB
2	29-Apr-13	Basement Room 4 Storage - Medium pipeline fitting in the northwest corner above suspended ceiling adjacent the fire door	Chrysotile	50	WB
3	29-Apr-13	Basement Room 4 Storage - Sheet floor covering on stair treads leading to the fire door in northwest corner of the room	Chrysotile	30	WB
4	29-Apr-13	Basement Boiler Room - Mud compound from the northwest corner of the boiler jacket	Chrysotile	70	WB
5	29-Apr-13	3rd Floor Loft 30 - 1' x 1' tan floor tile adjacent elevator	None detected		WB
6	24-Jan-14	Basement Room 4 Storage - Pipeline fitting on line above suspended ceiling at the center of the room	None detected		WB
7	24-Jan-14	Basement Room 4 Storage - Ceiling plaster above the suspended ceiling at the center of the room	None detected		WB

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BULK SAMPLE ANALYSIS REPORT**PROJECT NO. B67.14****CLIENT: City of Saskatoon****Infrastructure Services - Facilities Branch****Contact: Brent Anderson****Location: Albert Community Center - 610 Clarence Avenue South, Saskatoon, SK.**

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
8	24-Jan-14	Basement Room 4 Storage - Lineal pipeline insulation above the suspended ceiling at the center of the room	None detected		WB
9	24-Jan-14	Basement Room 3 - 1' x 1' Beige floor tile with brown streak	Chrysotile	1 to 5	WB
10	24-Jan-14	Basement Room 3 - Pipeline fitting above solid plaster ceiling	Chrysotile	60	WB
11	24-Jan-14	Basement Room 2 - Pipeline fitting above solid plaster ceiling	Chrysotile	70	WB
12	24-Jan-14	Basement Room 3A - Lineal pipeline insulation	None detected		WB
13	24-Jan-14	Basement Room 4A - Lineal pipeline insulation above suspended ceiling	Chrysotile	80	WB
14	24-Jan-14	Basement Room 5C - Lineal pipeline insulation	Chrysotile	75	WB

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BULK SAMPLE ANALYSIS REPORT**PROJECT NO. B67.14****CLIENT: City of Saskatoon****Infrastructure Services - Facilities Branch****Contact: Brent Anderson****Location: Albert Community Center - 610 Clarence Avenue South, Saskatoon, SK.**

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
15	24-Jan-14	Basement Room 5A - Lineal pipeline insulation	Chrysotile	70	WB
16	24-Jan-14	Basement Room 2A - Lineal pipeline insulation above solid plaster ceiling	Chrysotile	60	WB
17	24-Jan-14	2nd Floor Room 22 - Black chalk board	None detected		WB
18	24-Jan-14	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Chrysotile	1 to 5	WB
19	24-Jan-14	3rd Floor Loft 30 - Sheet floor covering in the southwest corner, west of the elevator, brown and tan stone pattern	None detected		WB
20	24-Jan-14	3rd Floor Washroom 39A - Sheet floor covering, black, white and gray stone pattern	None detected		WB

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B67BAJ14

Box 3568

Humboldt, Sask. S0K 2A0

BULK SAMPLE ANALYSIS REPORT**PROJECT NO. B67.09****CLIENT: CITY OF SASKATOON****INFRASTRUCTURE SERVICES DEPARTMENT****Contact: Keith Morson****Albert Community Centre, 610 Clarence Ave S, Saskatoon, SK**

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
B01	14/10/2009	Boiler Room - Southwest upper corner, small domestic white pipeline fitting	None detected		WB
B02	14/10/2009	Boiler Room - Mud compound on red boiler steam line along the ceiling at the insulation butt joint above the compressor.	Chrysotile	70	WB
B03	14/10/2009	Boiler Room - Small domestic supply pipeline fitting to the left of the water meter along the west wall.	None detected		WB
B04	14/10/2009	Boiler Room - Small domestic white pipeline fitting above the entrance	None detected		WB
B05	14/10/2009	Boiler Room - Small domestic white supply pipeline fitting above the entrance	None detected		WB
B06	14/10/2009	Boiler Room - Medium lineal overhead pipeline insulation east of the entry door adj. the exterior exit door.	Chrysotile	60	WB
B07	14/10/2009	Boiler Room - Large red steam line fitting above the lights on the west side of the boiler	Chrysotile	70	WB

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Humboldt, Sask. S0K 2A0

BULK SAMPLE ANALYSIS REPORT**PROJECT NO. B67.09****CLIENT: CITY OF SASKATOON****INFRASTRUCTURE SERVICES DEPARTMENT****Contact: Keith Morson****Albert Community Centre, 610 Clarence Ave S, Saskatoon, SK**

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
B08	14/10/2009	Boiler insulation mud compound from the northwest corner of the boiler	Chrysotile	70	WB
B09	14/10/2009	Small white pipeline fitting below the windows on the east wall, on the east side of the boiler	None detected		WB
B10	14/10/2009	Small pipeline fitting along the east wall, east of the fire sprinkler system. (Room on the east side of the boiler room)	None detected		WB
B11	14/10/2009	Brick mortar on the along the west wall of the boiler room	None detected		WB

BULK SAMPLE PHOTOS OF ACM

#1) Aircell Pipeline Insulation



#2) Pipeline fitting



#3) Asbestos Sheet Flooring



#4) Boiler Insulation



APPENDIX II

ASBESTOS SURVEY DATABASE

Albert Community Center - 2014

SAMPLE DATA															
Floor	Room Number	Use	SAMPLE SAMPLE REP	Sample ID	Date DD/MM/YY	Asbestos Type	% of Asbestos	Tradename/ ACM Product	Condition	Priority	Description of Sample Location	Asbestos Content In Area	Potential for Disturbance	Recommended Action	Comments
B	2		Sample	B67-ASB.11	24-Jan-14	Chrysotile	70%	Pipeline Fitting Compound	Moderate	2	Basement Room 2 - Pipeline fitting above solid plaster ceiling	Pipeline Fitting Compound	Low	Manage	
B	2A		Sample	B67-ASB.16	24-Jan-14	Chrysotile	60%	Lineal Pipe Insulation	Moderate	2	Basement Room 2A - Lineal pipeline insulation above solid plaster ceiling	Lineal Pipeline Insulation, Pipeline Fitting Compound	Low	Manage	Lineal Pipeline Insulation and Pipeline Fittings are located within the enclosed ceiling space.
B	2A		Sample Rep	B67-ASB.10	24-Jan-14	Chrysotile	60%	Pipeline Fitting Compound	Moderate	2	Basement Room 3 - Pipeline fitting above solid plaster ceiling	Lineal Pipeline Insulation, Pipeline Fitting Compound	Low	Manage	Lineal Pipeline Insulation and Pipeline Fittings are located within the enclosed ceiling space.
B	3		Sample	B67-ASB.9	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	Basement Room 3 - 1' x 1' Beige floor tile with brown streak	Pipeline Fitting Compound, Vinyl Asbestos Floor Tile	Low	Manage	
B	3		Sample	B67-ASB.10	24-Jan-14	Chrysotile	60%	Pipeline Fitting Compound	Moderate	2	Basement Room 3 - Pipeline fitting above solid plaster ceiling	Pipeline Fitting Compound, Vinyl Asbestos Floor Tile	Low	Manage	
B	3A		Sample	B67-ASB.12	24-Jan-14		None	Lineal Pipe Insulation			Basement Room 3A - Lineal pipeline insulation	No Accessible ACM			
B	3B											No Accessible ACM			
B	3C		Sample Rep	B67-ASB.16	24-Jan-14	Chrysotile	60%	Lineal Pipe Insulation	Moderate	2	Basement Room 2A - Lineal pipeline insulation above solid plaster ceiling	Lineal Pipeline Insulation, Pipeline Fitting Compound	Low	Manage	Lineal Pipeline Insulation and Pipeline Fittings are located within the enclosed ceiling space.
B	3C		Sample Rep	B67-ASB.10	24-Jan-14	Chrysotile	60%	Pipeline Fitting Compound	Moderate	2	Basement Room 3 - Pipeline fitting above solid plaster ceiling	Lineal Pipeline Insulation, Pipeline Fitting Compound	Low	Manage	Lineal Pipeline Insulation and Pipeline Fittings are located within the enclosed ceiling space.
B	4	Storage	Sample	B67-ASB.1	29-Apr-13	Chrysotile	60%	Lineal Pipe Insulation	Moderate	2	Basement Room 4 Storage - Lineal aircell in northwest corner above suspended ceiling	Lineal Pipe Insulation, Pipeline Fitting Compound, Asbestos Sheet Flooring	Moderate	Manage	
B	4	Storage	Sample	B67-ASB.2	29-Apr-13	Chrysotile	50%	Pipeline Fitting Compound	Moderate	2	Basement Room 4 Storage - Medium pipeline fitting in the northwest corner above suspended ceiling adjacent the fire door	Lineal Pipe Insulation, Pipeline Fitting Compound, Asbestos Sheet Flooring	Moderate	Manage	
B	4	Storage	Sample	B67-ASB.3	29-Apr-13	Chrysotile	30%	Asbestos Sheet Flooring	Mod/Good	3	Basement Room 4 Storage - Sheet floor covering on stair treads leading to the fire door in northwest corner of the room	Lineal Pipe Insulation, Pipeline Fitting Compound, Asbestos Sheet Flooring	Low/Mod	Manage	Sheet floor covering is only on stair treads leading to the fire door in northwest corner of the room
B	4	Storage	Sample	B67-ASB.6	24-Jan-14		None	Pipeline Fitting Compound			Basement Room 4 Storage - Pipeline fitting on line above suspended ceiling at the center of the room	Lineal Pipe Insulation, Pipeline Fitting Compound, Asbestos Sheet Flooring			
B	4	Storage	Sample	B67-ASB.7	24-Jan-14		None	Plaster Compound			Basement Room 4 Storage - Ceiling plaster above the suspended ceiling at the center of the room	Lineal Pipe Insulation, Pipeline Fitting Compound, Asbestos Sheet Flooring			
B	4	Storage	Sample	B67-ASB.8	24-Jan-14		None	Lineal Pipe Insulation			Basement Room 4 Storage - Lineal pipeline insulation above the suspended ceiling at the center of the room	Lineal Pipe Insulation, Pipeline Fitting Compound, Asbestos Sheet Flooring			
B	4A		Sample	B67-ASB.13	24-Jan-14	Chrysotile	80%	Lineal Pipe Insulation	Moderate	2	Basement Room 4A - Lineal pipeline insulation above suspended ceiling	Lineal Pipeline Insulation, Pipeline Fitting Compound	Moderate	Manage	
B	4A		Sample Rep	B67-ASB.10	24-Jan-14	Chrysotile	60%	Pipeline Fitting Compound	Moderate	2	Basement Room 3 - Pipeline fitting above solid plaster ceiling	Lineal Pipeline Insulation, Pipeline Fitting Compound	Moderate	Manage	
B	4B											No Accessible ACM			

Albert Community Center - 2014

SAMPLE DATA															
Floor	Room Number	Use	SAMPLE SAMPLE REP	Sample ID	Date DD/MM/YY	Asbestos Type	% of Asbestos	Tradename/ ACM Product	Condition	Priority	Description of Sample Location	Asbestos Content In Area	Potential for Disturbance	Recommended Action	Comments
B	5A		Sample	B67-ASB.15	24-Jan-14	Chrysotile	70%	Lineal Pipe Insulation	Moderate	1	Basement Room 5A - Lineal pipeline insulation	Lineal Pipe Insulation	Mod/High	Repair/Remove	Repair/ remove damaged lineal pipeline insulation throughout the room. At minimum the insulation should be enclosed to prevent further damage.
B	5B											No Accessible ACM			
B	5C		Sample	B67-ASB.14	24-Jan-14	Chrysotile	75%	Lineal Pipe Insulation	Moderate	1	Basement Room 5C - Lineal pipeline insulation	Lineal Pipe Insulation	Mod/High	Remove	Remove lineal pipeline insulation within the room. At minimum the insulation should be enclosed to prevent further damage
B	6											No Accessible ACM			
B	6A											No Accessible ACM			
B	7A											No Accessible ACM			
B	7B											No Accessible ACM			
B	8		Sample Rep	B67-ASB.13	24-Jan-14	Chrysotile	80%	Lineal Pipe Insulation	Moderate	2	Basement Room 4A - Lineal pipeline insulation above suspended ceiling	Lineal Pipe Insulation	Moderate	Manage	
B	8A											No Accessible ACM			
B	8B											No Accessible ACM			
B		Boiler Room	Sample	B67-ASB.4	29-Apr-13	Chrysotile	70%	Mud Compound	Good	3	Basement Boiler Room - Mud compound from the northwest corner of the boiler jacket	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound	Moderate	Manage	
B		Boiler Room	Sample	B01	14-Oct-09		None	Pipeline Fitting Compound			Boiler Room - Southwest upper corner, small domestic white pipeline fitting	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound			
B		Boiler Room	Sample	B02	14-Oct-09	Chrysotile	70%	Mud Compound	Good	3	Boiler Room - Mud compound on red boiler steam line along the ceiling at the insulation butt joint above the compressor	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound	Low/Mod	Manage	
B		Boiler Room	Sample	B03	14-Oct-09		None	Pipeline Fitting Compound			Boiler Room - Small domestic supply pipeline fitting to the left of the water meter along the west wall	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound			
B		Boiler Room	Sample	B04	14-Oct-09		None	Pipeline Fitting Compound			Boiler Room - Small domestic white pipeline fitting above the entrance	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound			
B		Boiler Room	Sample	B05	14-Oct-09		None	Pipeline Fitting Compound			Boiler Room - Small domestic white supply pipeline fitting above the entrance	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound			
B		Boiler Room	Sample	B06	14-Oct-09	Chrysotile	60%	Lineal Pipe Insulation	Good	3	Boiler Room - Medium lineal overhead pipeline insulation east of the entry door adj. the exterior exit door	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound	Low/Mod	Manage	
B		Boiler Room	Sample	B07	14-Oct-09	Chrysotile	70%	Pipeline Fitting Compound	Good	3	Boiler Room - Large red steam line fitting above the lights on the west side of the boiler	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound	Low/Mod	Manage	
B		Boiler Room	Sample	B08	14-Oct-09	Chrysotile	70%	Mud Compound	Good	3	Boiler insulation mud compound from the northwest corner of the boiler	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound	Low/Mod	Manage	
B		Boiler Room	Sample	B09	14-Oct-09		None	Pipeline Fitting Compound			Small white pipeline fitting below the windows on the east wall, on the east side of the boiler	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound			
B		Boiler Room	Sample	B10	14-Oct-09		None	Pipeline Fitting Compound			Small pipeline fitting along the east wall, east of the fire sprinkler system. (Room on the east side of the boiler room)	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound			

Albert Community Center - 2014

			SAMPLE DATA													
Floor	Room Number	Use	SAMPLE SAMPLE REP	Sample ID	Date DD/MM/YY	Asbestos Type	% of Asbestos	Tradename/ ACM Product	Condition	Priority	Description of Sample Location	Asbestos Content In Area	Potential for Disturbance	Recommended Action	Comments	
B		Boiler Room	Sample	B11	14-Oct-09		None	Brick Mortar			Brick mortar on the along the west wall of the boiler room	Mud Compound on Boiler, Lineal Pipeline Insulation, Pipeline Fitting Compound				
M	10											No Accessible ACM				
M	10A	Stairwell										No Accessible ACM				
M	10B	Stairwell										No Accessible ACM				
M	10C	Stairwell										No Accessible ACM				
M	10D	Stairwell										No Accessible ACM				
M	11											No Accessible ACM				
M	11A											No Accessible ACM				
M	11B											No Accessible ACM				
M	12											No Accessible ACM				
M	12A											No Accessible ACM				
M	13											No Accessible ACM				
M	13A											No Accessible ACM				
M	14											No Accessible ACM				
M	14A											No Accessible ACM				
M	15											No Accessible ACM				
M	15A											No Accessible ACM				
M	15B											No Accessible ACM				
M	16	Women's										No Accessible ACM				
M	17	Men's										No Accessible ACM				
M	18	Kitchen										No Accessible ACM				
M	18A											No Accessible ACM				
M	19											No Accessible ACM				
2	20											No Accessible ACM				
2	20A	Stairwell										No Accessible ACM				
2	21	Auditorium										No Accessible ACM				
2	21A	Stage										No Accessible ACM				
2	22		Sample	B67-ASB.17	24-Jan-14		None	Chalk Board			2nd Floor Room 22 - Black chalk board	No Accessible ACM				
2	23											No Accessible ACM				
2	24											No Accessible ACM				
2	25											No Accessible ACM				
2	26											No Accessible ACM				
2	27											No Accessible ACM				
2	27B											No Accessible ACM				
2	28											No Accessible ACM				
2	29											No Accessible ACM				
2	29A	Women's										No Accessible ACM				
2	29B	Men's										No Accessible ACM				
2	29C	Kitchen										No Accessible ACM				
2	29D	Janitor										No Accessible ACM				
2	29E											No Accessible ACM				
3	30	Loft	Sample	B67-ASB.5	29-Apr-13		None	Vinyl Floor Tile			3rd Floor Loft 30 - 1' x 1' tan floor tile adjacent elevator	Vinyl Asbestos Floor Tile				
3	30	Loft	Sample Rep	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage		
3	30	Loft	Sample	B67-ASB.19	24-Jan-14		None	Vinyl Sheet Flooring			3rd Floor Loft 30 - Sheet floor covering in the southwest corner, west of the elevator, brown and tan stone pattern	Vinyl Asbestos Floor Tile				
3	30A											No Accessible ACM				
3	30B	Stairwell										No Accessible ACM				
3	30C	Stairwell										No Accessible ACM				

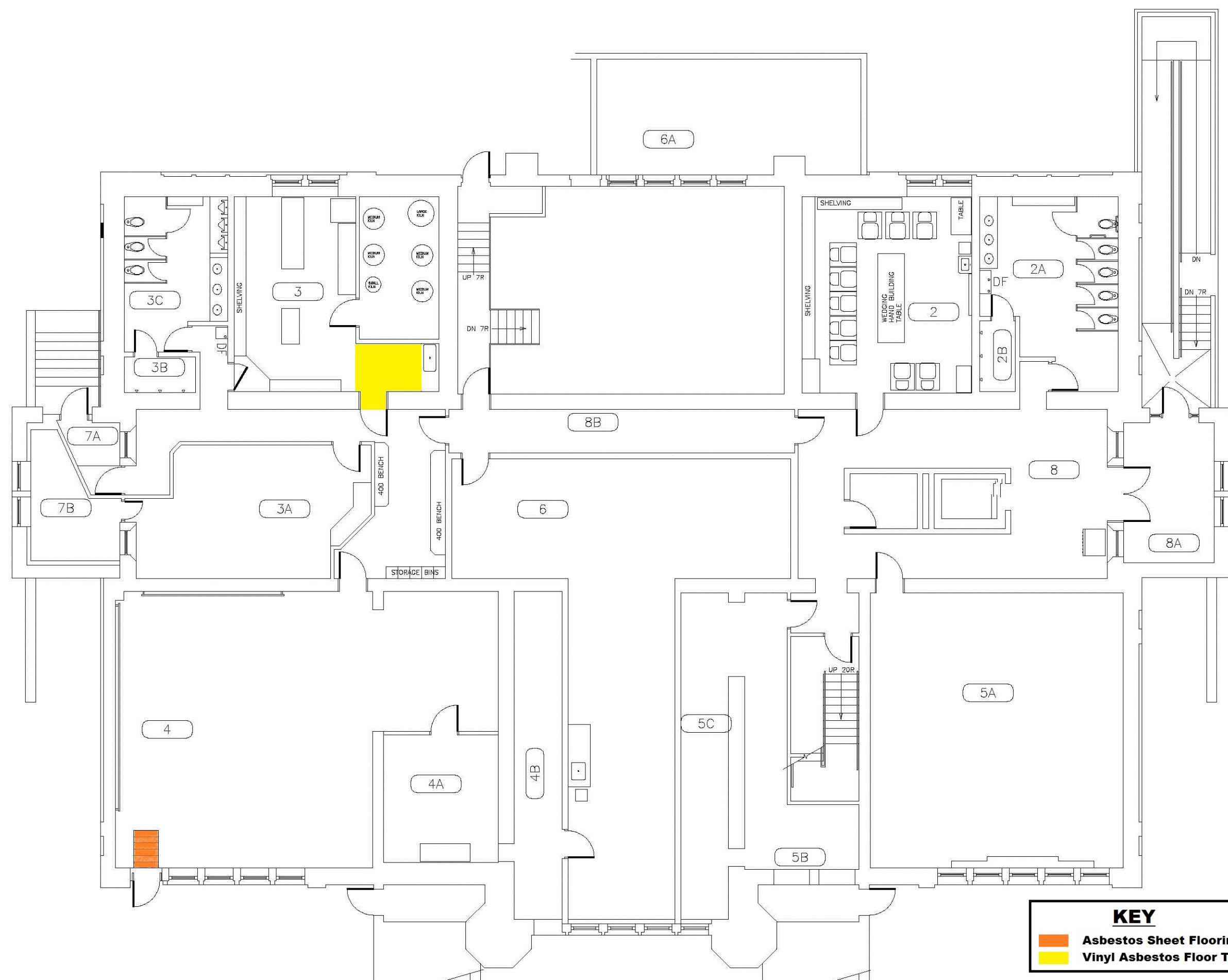
Albert Community Center - 2014

SAMPLE DATA															
Floor	Room Number	Use	SAMPLE SAMPLE REP	Sample ID	Date DD/MM/YY	Asbestos Type	% of Asbestos	Tradename/ ACM Product	Condition	Priority	Description of Sample Location	Asbestos Content In Area	Potential for Disturbance	Recommended Action	Comments
3	30D		Sample Rep	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage	
3	31		Sample Rep	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage	
3	32	Kitchen	Sample	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage	
3	33	Playground	Sample Rep	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage	
3	34		Sample Rep	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage	It is suspected that the floor tile remains below the carpet within this room.
3	35		Sample Rep	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage	
3	36		Sample Rep	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage	
3	37	Storage	Sample Rep	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage	
3	38		Sample Rep	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage	
3	39A	Men's	Sample	B67-ASB.20	24-Jan-14		None	Vinyl Sheet Flooring			3rd Floor Washroom 39A - Sheet floor covering, black, white and gray stone pattern	No Accessible ACM			
3	39B	Women's										No Accessible ACM			
3	40											No Accessible ACM			
4	40		Sample Rep	B67-ASB.18	24-Jan-14	Chrysotile	1-5%	Vinyl Asbestos Tile	Good	3	3rd Floor Kitchen 32 - 1' x 1' Beige floor tile with brown streak	Vinyl Asbestos Floor Tile	Low	Manage	

APPENDIX III

FLOOR PLANS

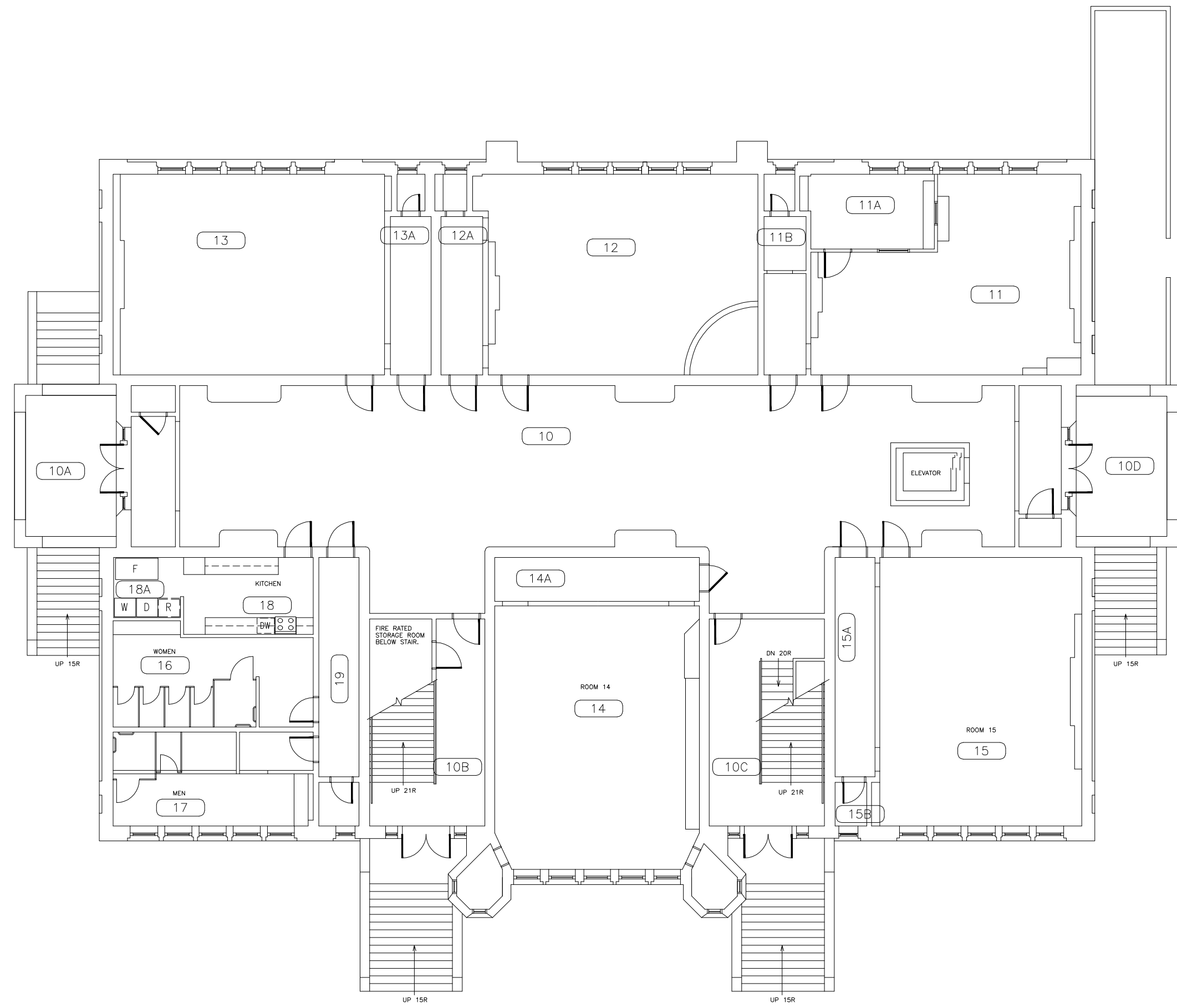
- GENERAL NOTES:
1. All dimensions are in millimetres
 2. Drawings are not to be scaled.
 3. All drawings to be read in conjunction with the specifications, unless otherwise noted.
 4. Verify site conditions and location of all utilities prior to the start of construction.
 5. Report all discrepancies to the Consultant.
 6. If in doubt, ask.



KEY

- Asbestos Sheet Flooring
- Vinyl Asbestos Floor Tile

REV	ISSUED FOR	DATE	
DESIGNED BY:	DRAWN BY:	CHECKED BY:	REQUESTED BY:
	MGB		
SCALE:	DATE:		
1:150 (11x17)	06/06/2000		
SHEET NAME			
Basement Plan			
PROJECT TITLE			
Albert Community Centre			
PROJECT NO.	SHEET		
715			
REV. NO.			



- GENERAL NOTES:
1. All dimensions are in millimetres
 2. Drawings are not to be scaled.
 3. All drawings to be read in conjunction with the specifications, unless otherwise noted.
 4. Verify site conditions and location of all utilities prior to the start of construction.
 5. Report all discrepancies to the Consultant.
 6. If in doubt, ask.

REV	ISSUED FOR	DATE

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REQUESTED BY:
	MB		

SCALE:	DATE:
1:150	17/04/2000

SHEET NAME: Asbuilt

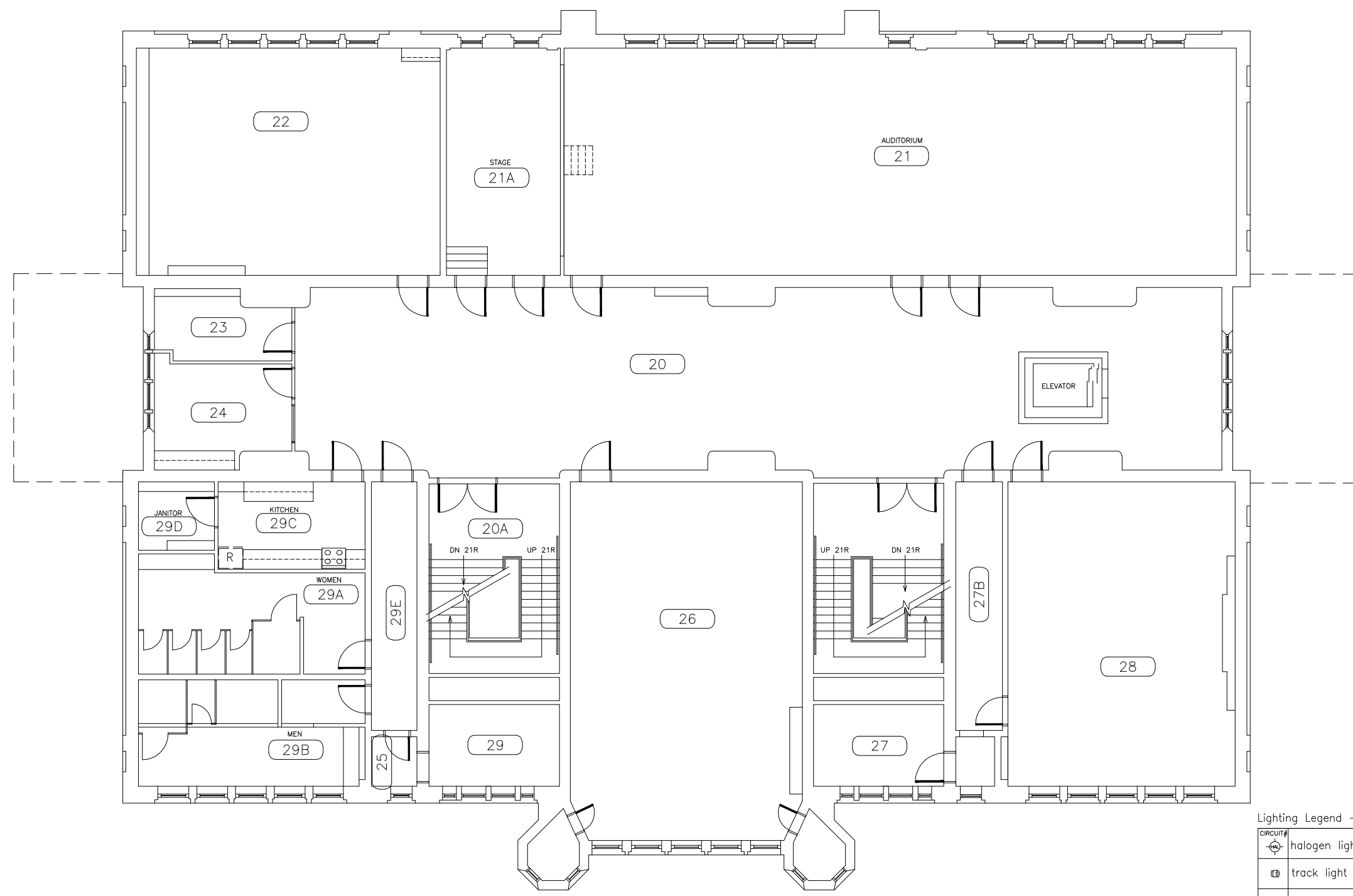
**Main Floor
Base Plan**

PROJECT TITLE
**715
Albert
Community Ctr.**

PROJECT NO.	SHEET

REV. NO. 

- GENERAL NOTES:
1. All dimensions are in millimetres
 2. Drawings are not to be scaled.
 3. All drawings to be read in conjunction with the specifications, unless otherwise noted.
 4. Verify site conditions and location of all utilities prior to the start of construction.
 5. Report all discrepancies to the Consultant.
 6. If in doubt, ask.




Lighting Legend - COS Standard Symbols


CIRCUIT#	halogen light	CIRCUIT#	emerg. fluores. surface mnt.
⊙	track light	☐	emerg. light battery unit with # of heads
⊕	photo cell	☐	emerg. light # of heads
CIRCUIT#	fluorescent surface mnt.	NOTE	emerg. light battery unit
☐	fluorescent recess mnt.	Ⓢ	dimmer switch
CIRCUIT#	heat lamp		
CIRCUIT#	incandescent surface mnt.		
CIRCUIT#	incandescent recess mnt.		
CIRCUIT#	exit light		

REV	ISSUED FOR	DATE	
DESIGNED BY:	DRAWN BY:	CHECKED BY:	REQUESTED BY:
	MB		
SCALE:	DATE:		
1:150	17/04/2000		
SHEET NAME		Asbuilt	
Second Floor Base Plan			
PROJECT TITLE			
715 Albert Community Ctr			
PROJECT NO.	SHEET		
REV. NO.			

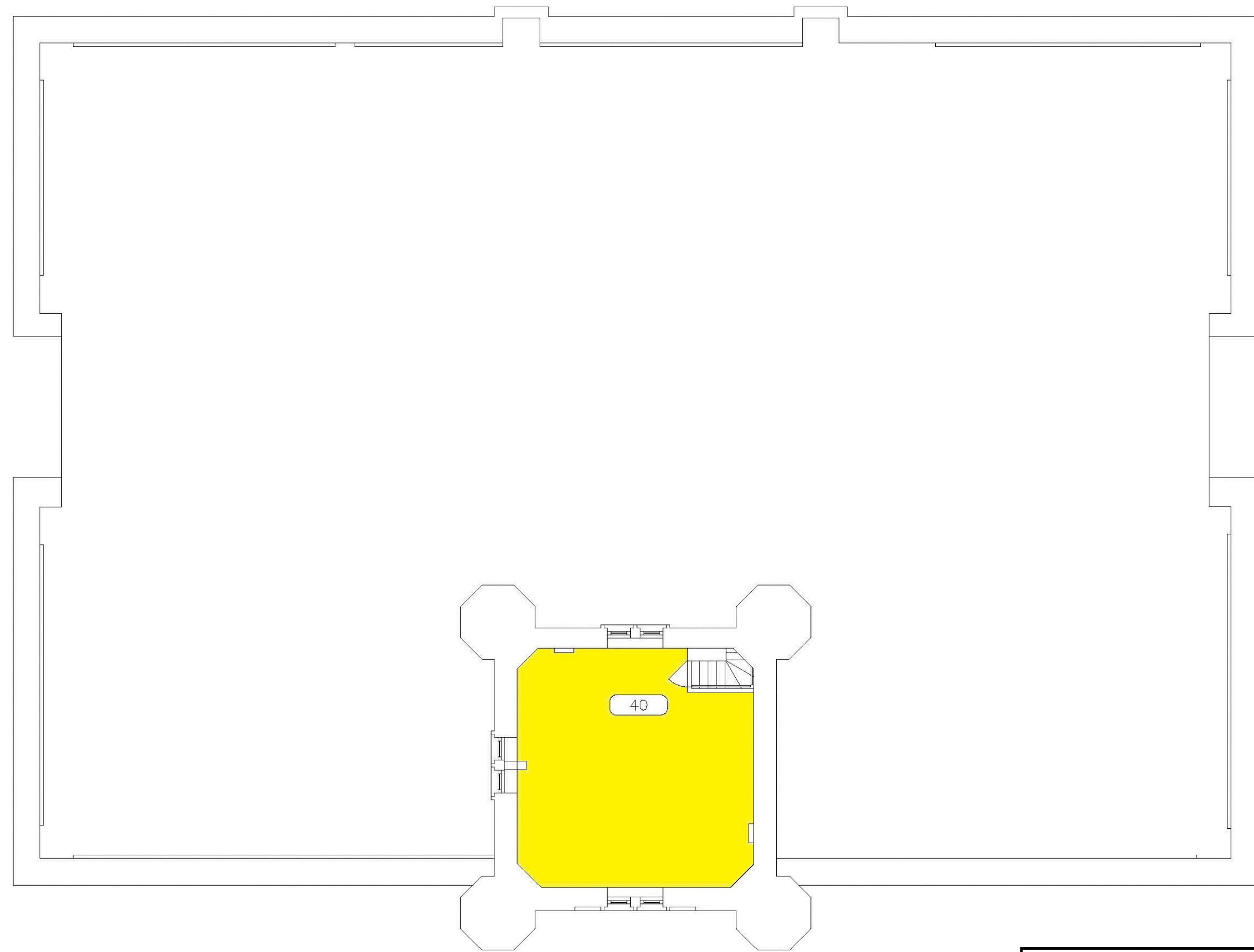
- GENERAL NOTES:
1. All dimensions are in millimetres
 2. Drawings are not to be scaled.
 3. All drawings to be read in conjunction with the specifications, unless otherwise noted.
 4. Verify site conditions and location of all utilities prior to the start of construction.
 5. Report all discrepancies to the Consultant.
 6. If in doubt, ask.



KEY
 Vinyl Asbestos Floor Tile

REV	ISSUED FOR	DATE	
DESIGNED BY:	DRAWN BY:	CHECKED BY:	REQUESTED BY:
	MB		
SCALE:	DATE:		
1:125 (11 x 17)	Oct.,2001		
SHEET NAME		Asbuilt	
Third Floor Base Plan			
PROJECT TITLE			
715 Albert Community Ctr			
PROJECT NO.	SHEET		
REV. NO.			






















- GENERAL NOTES:
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KEY

Vinyl Asbestos Floor Tile

Fire Legend - CDS standard symbols

	hose cabinet		pull station
	sprinkler supply		magnetic door hold open
	fire extinguisher		alarm bell
	duct smoke detector		visual alarm
	smoke detector		alarm speaker
	heat detector		horn alarm
	tamper switch		communication handset
	end of line device		audio - visual signal
	control device		emerg. fluores. surface mnt.
	exit light		emerg. light battery unit with 4 heads
			emerg. light battery unit

REV	ISSUED FOR	DATE

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REQUESTED BY:
	MGB		

SCALE:	DATE:
1:125 (11 x 17)	13/04/2000

SHEET NAME: Asbuilt

**Fourth Floor
Base Plan**

PROJECT TITLE:
**715
Albert
Community Ctr**

PROJECT NO. 715	SHEET
REV. NO.	

August 17, 2021

City of Saskatoon
1101 Avenue P North
Saskatoon, SK
S7L 7K6

ATTENTION: Tanner Huynink

SUBJECT: Bulk Sample Analysis Report – Albert Community Center – Roofing Material

Please find attached the laboratory results for the bulk sample collected on August 6, 2021, from the ACC. The sample was analyzed for the identification of asbestos. Asbestos was detected within the sample.

The results for the sample submitted was obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client.

If any questions arise on the results of the attached information, please contact our office. Thank you for this opportunity of service!

Sincerely,



Brad Berschiminsky
BERSCH CONSULTING LTD.
B67BLH06K – ACC

Bulk Sample Analysis Report

August 17, 2021

Project Number: B67.21

Client: City of Saskatoon

Contact: Tanner Huynink

Location: Albert Community Center, Saskatoon, SK

File Number: B67BLH06K

Sample #	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
1	2021/08/06	Roof Shingle	North Roof Adjacent the Building Manager's Office Light Green Cement Shingle	Chrysotile	30	EMSL/WB

Note: The results were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

July 23, 2019

City of Saskatoon
Facilities & Fleet Division
1101 Avenue P North
S7L 7K6

ATTENTION: Nathan Hahn

SUBJECT: Bulk Sample Analysis Report – Albert Community Centre Roof

Please find attached the laboratory results for the bulk sample collected on July 18, 2019 from the Albert Community Centre located at 610 Clarence Avenue, Saskatoon, Saskatchewan. The sample was analyzed for the identification of asbestos. Asbestos **was not** detected within the sample.

The results for the sample submitted was obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client.

If any questions arise on the results of the attached information, please contact our office. Thank you for this opportunity of service.

Sincerely,



Tyneal Knackstedt
Bersch Consulting Ltd.
B67BLG18I – Albert Community Centre

Bulk Sample Analysis Report

July 23, 2019

Project Number: B67.19

Client: City of Saskatoon

Contact: Nathan Hahn

Location: Albert Community Centre

File Number: B67BAG18I

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
1	2019/07/23	Shingle/Shingle Tar	Albert Community Centre Roof	No Asbestos Detected		EMSL/WB

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

May 6, 2019

City of Saskatoon
3130 Laurier Drive,
Saskatoon, SK
S7L 5J7

ATTENTION: Dean Buchholz

SUBJECT: Bulk Sample Analysis Report

Please find attached the laboratory results for the bulk samples collected on March 28, 2019 and April 2, 2019 from the Albert Community Centre in Saskatoon, SK. The samples were analyzed for the identification of asbestos. Asbestos **was not** detected within the samples.

This revised copy of the bulk analysis includes 1' X 1' ceiling tile and plaster that was analyzed for asbestos content and entered onto the bulk sample analysis report that was previously completed and dated April 12, 2019. Refer to the 6 additional samples #27 & #31 on the bulk analysis report. The ceiling tile samples were collected April 2 and May 1, 2019 and the Plaster located above the Gypsum Ceiling Board on May 1, 2019. Asbestos **was not** detected within these additional 6 samples.

The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client.

If any questions arise on the results of the attached information, please contact me at 306.222.7477 or our office at 306.978.6665. Thank you for this opportunity of service.

Sincerely,



Brad Berschiminsky
Bersch Consulting Ltd.
B67BLC28I- Revised May 6, 2019

Bulk Sample Analysis Report

April 30, 2019

Project Number: B67.19

Client: City of Saskatoon

Contact: Dean Buchholz

Location: Albert Community Centre

File Number: B67BAC28I

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
1	2019/03/28	Drywall White Mud Compound	Basement Room 5A North Wall - Ceiling	No Asbestos Detected		EMSL
2	2019/03/28	Drywall White Mud Compound	Basement Room 5C - Daycare/City Storage Beam on South Wall	No Asbestos Detected		EMSL
3	2019/03/28	Drywall White Mud Compound	Basement Corridor (8B) East Wall – Ceiling Adjacent Boiler Room	No Asbestos Detected		EMSL
4	2019/03/28	Drywall White Mud Compound	Basement Room 4 – Dance Studio Ceiling Northeast Corner	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
5	2019/03/28	Drywall White Mud Compound	Basement Room 1 – Boiler Room Ceiling Above East Door	No Asbestos Detected		EMSL
6	2019/03/28	Grey Plaster	2 nd Floor Room 21 East Wall - Ceiling	No Asbestos Detected		EMSL
7	2019/03/28	Grey Plaster	2 nd Floor Room 21 West Wall - Ceiling	No Asbestos Detected		EMSL
8a	2019/03/28	Plaster – White Skim Coat	2 nd Floor Room 28 South Wall - Ceiling	No Asbestos Detected		EMSL
8b	2019/03/28	Plaster – Grey Rough Coat	2 nd Floor Room 28 South Wall - Ceiling	No Asbestos Detected		EMSL
9a	2019/03/28	Plaster – White Joint Compound	2 nd Floor Hallway (29E) Adjacent Washrooms Ceiling	No Asbestos Detected		EMSL
9b	2019/03/28	Plaster – Grey Rough Coat	2 nd Floor Hallway (29E) Adjacent Washrooms Ceiling	No Asbestos Detected		EMSL
10a	2019/03/28	Plaster – Beige Joint Compound	2 nd Floor Room 27 West Wall - Ceiling	No Asbestos Detected		EMSL
10b	2019/03/28	Plaster – Grey Rough Coat	2 nd Floor Room 27 West Wall - Ceiling	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
11	2019/04/02	Concrete/Cinderblock	Basement (8) West Wall Adjacent Elevator	No Asbestos Detected		EMSL
12	2019/04/02	Drywall White Mud Compound	Basement Room 6 Potters Guild West Wall – Ceiling Adjacent Window	No Asbestos Detected		EMSL
13	2019/04/02	Drywall White Mud Compound	Basement Room 6 Potters Guild Ceiling	No Asbestos Detected		EMSL
14	2019/04/02	Drywall White Mud Compound	Basement Room 4A - Potters Guild Storage Room Ceiling	No Asbestos Detected		EMSL
15	2019/04/02	Grey Plaster	Main Floor Room 15 South Wall - Ceiling	No Asbestos Detected		EMSL
16	2019/04/02	Drywall White Mud Compound	Main Floor Common Area (10) West Wall - Ceiling	No Asbestos Detected		EMSL
17	2019/04/02	Beige Plaster	Main Floor Common Area (10) West Wall - Ceiling	No Asbestos Detected		EMSL
18	2019/04/02	Beige Plaster	Main Floor Room 12 West Wall - Ceiling	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
19	2019/04/02	Beige Plaster	Main Floor Room 19 Ceiling	No Asbestos Detected		EMSL
20	2019/04/02	Concrete/Cinderblock	Main Floor Adjacent Elevator West Wall	No Asbestos Detected		EMSL
21	2019/04/02	Beige Plaster	2 nd Floor Stairwell 20B North Wall	No Asbestos Detected		EMSL
22	2019/04/02	Beige Plaster	3 rd Floor Room 31 East Wall - Ceiling	No Asbestos Detected		EMSL
23	2019/04/02	Beige Plaster	3 rd Floor Room 31 South Wall	No Asbestos Detected		EMSL
24	2019/04/02	Drywall White Mud Compound	3 rd Floor Room 30E/35 Drywall Mud Compound Compilation Wall Sample	No Asbestos Detected		EMSL
25	2019/04/02	Grey Plaster	3 rd Floor Room 30E East Wall	No Asbestos Detected		EMSL
26	2019/04/02	Beige Plaster	Main Floor Common Area (10) East Wall - Ceiling	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
27	2019/04/02	Ceiling Tile	Basement Room 4 Dance Studio 1' X 1' Perforated Ceiling Tile Above the Suspended Ceiling	No Asbestos Detected		EMSL
28	2019/05/01	Ceiling Tile	2 nd Floor Room 21 Auditorium 1' X 1' Ceiling Tile with Pinhole Pattern	No Asbestos Detected		EMSL
29	2019/05/01	Beige Plaster	Basement Room 1 – Boiler Room East Ceiling Inspection Hole, Plaster Above the Gypsum	No Asbestos Detected		EMSL
30a	2019/05/01	Plaster - White Skim Coat	Basement Room 1 – Boiler Room West Ceiling Inspection Hole, Plaster Above the Gypsum	No Asbestos Detected		EMSL
30b	2019/05/01	Beige Plaster Base Coat	Basement Room 1 – Boiler Room West Ceiling Inspection Hole, Plaster Above the Gypsum	No Asbestos Detected		EMSL
31	2019/05/01	Grey Plaster	Basement Room 4 Dance Studio Ceiling Inspection Hole, Plaster Above the Gypsum	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

April 30, 2019

City of Saskatoon
3130 Laurier Drive,
Saskatoon, SK
S7L 5J7

ATTENTION: Dean Buchholz

SUBJECT: Bulk Sample Analysis Report

Please find attached the laboratory results for the bulk samples collected on March 28, 2019 and April 2, 2019 from the Albert Community Centre in Saskatoon, Saskatchewan. The samples were analyzed for the identification of asbestos. Asbestos **was not** detected within the samples. Please refer to attached floor plans for the sample locations.

The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client.

If any questions arise on the results of the attached information, please contact our office. Thank you for this opportunity of service.

Sincerely,



Brad Berschiminsky
Bersch Consulting Ltd.
B67BLC28I- Albert Community Centre

Bulk Sample Analysis Report

April 30, 2019

Project Number: B67.19

Client: City of Saskatoon

Contact: Dean Buchholz

Location: Albert Community Centre

File Number: B67BAC28I

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
1	2019/03/28	Drywall White Mud Compound	Basement Room 5A North Wall - Ceiling	No Asbestos Detected		EMSL
2	2019/03/28	Drywall White Mud Compound	Basement Room 5C - Daycare/City Storage Beam on South Wall	No Asbestos Detected		EMSL
3	2019/03/28	Drywall White Mud Compound	Basement Corridor (8B) East Wall – Ceiling Adjacent Boiler Room	No Asbestos Detected		EMSL
4	2019/03/28	Drywall White Mud Compound	Basement Room 4 – Dance Studio Ceiling Northeast Corner	No Asbestos Detected		EMSL
5	2019/03/28	Drywall White Mud Compound	Basement Room 1 – Boiler Room Ceiling Above East Door	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
6	2019/03/28	Grey Plaster	2 nd Floor Room 21 East Wall - Ceiling	No Asbestos Detected		EMSL
7	2019/03/28	Grey Plaster	2 nd Floor Room 21 West Wall - Ceiling	No Asbestos Detected		EMSL
8a	2019/03/28	Plaster – White Skim Coat	2 nd Floor Room 28 South Wall - Ceiling	No Asbestos Detected		EMSL
8b	2019/03/28	Plaster – Grey Rough Coat	2 nd Floor Room 28 South Wall - Ceiling	No Asbestos Detected		EMSL
9a	2019/03/28	Plaster – White Joint Compound	2 nd Floor Hallway (29E) Adjacent Washrooms Ceiling	No Asbestos Detected		EMSL
9b	2019/03/28	Plaster – Grey Rough Coat	2 nd Floor Hallway (29E) Adjacent Washrooms Ceiling	No Asbestos Detected		EMSL
10a	2019/03/28	Plaster – Beige Joint Compound	2 nd Floor Room 27 West Wall - Ceiling	No Asbestos Detected		EMSL
10b	2019/03/28	Plaster – Grey Rough Coat	2 nd Floor Room 27 West Wall - Ceiling	No Asbestos Detected		EMSL
11	2019/04/02	Concrete/Cinderblock	Basement (8) West Wall Adjacent Elevator	No Asbestos Detected		EMSL

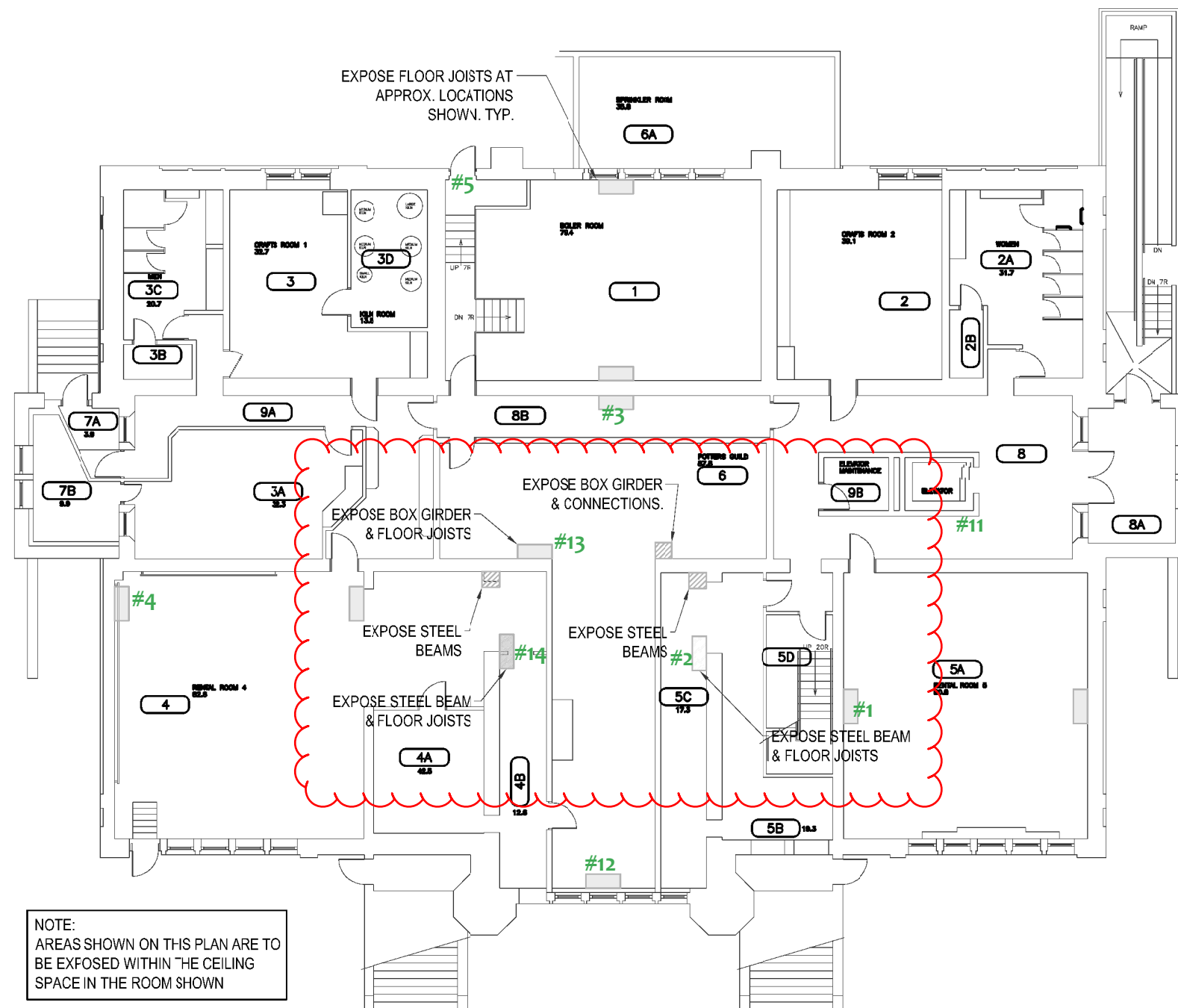
Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
12	2019/04/02	Drywall White Mud Compound	Basement Room 6 Potters Guild West Wall – Ceiling Adjacent Window	No Asbestos Detected		EMSL
13	2019/04/02	Drywall White Mud Compound	Basement Room 6 Potters Guild Ceiling	No Asbestos Detected		EMSL
14	2019/04/02	Drywall White Mud Compound	Basement Room 4A - Potters Guild Storage Room Ceiling	No Asbestos Detected		EMSL
15	2019/04/02	Grey Plaster	Main Floor Room 15 South Wall - Ceiling	No Asbestos Detected		EMSL
16	2019/04/02	Drywall White Mud Compound	Main Floor Common Area (10) West Wall - Ceiling	No Asbestos Detected		EMSL
17	2019/04/02	Beige Plaster	Main Floor Common Area (10) West Wall - Ceiling	No Asbestos Detected		EMSL
18	2019/04/02	Beige Plaster	Main Floor Room 12 West Wall - Ceiling	No Asbestos Detected		EMSL
19	2019/04/02	Beige Plaster	Main Floor Room 19 Ceiling	No Asbestos Detected		EMSL


Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

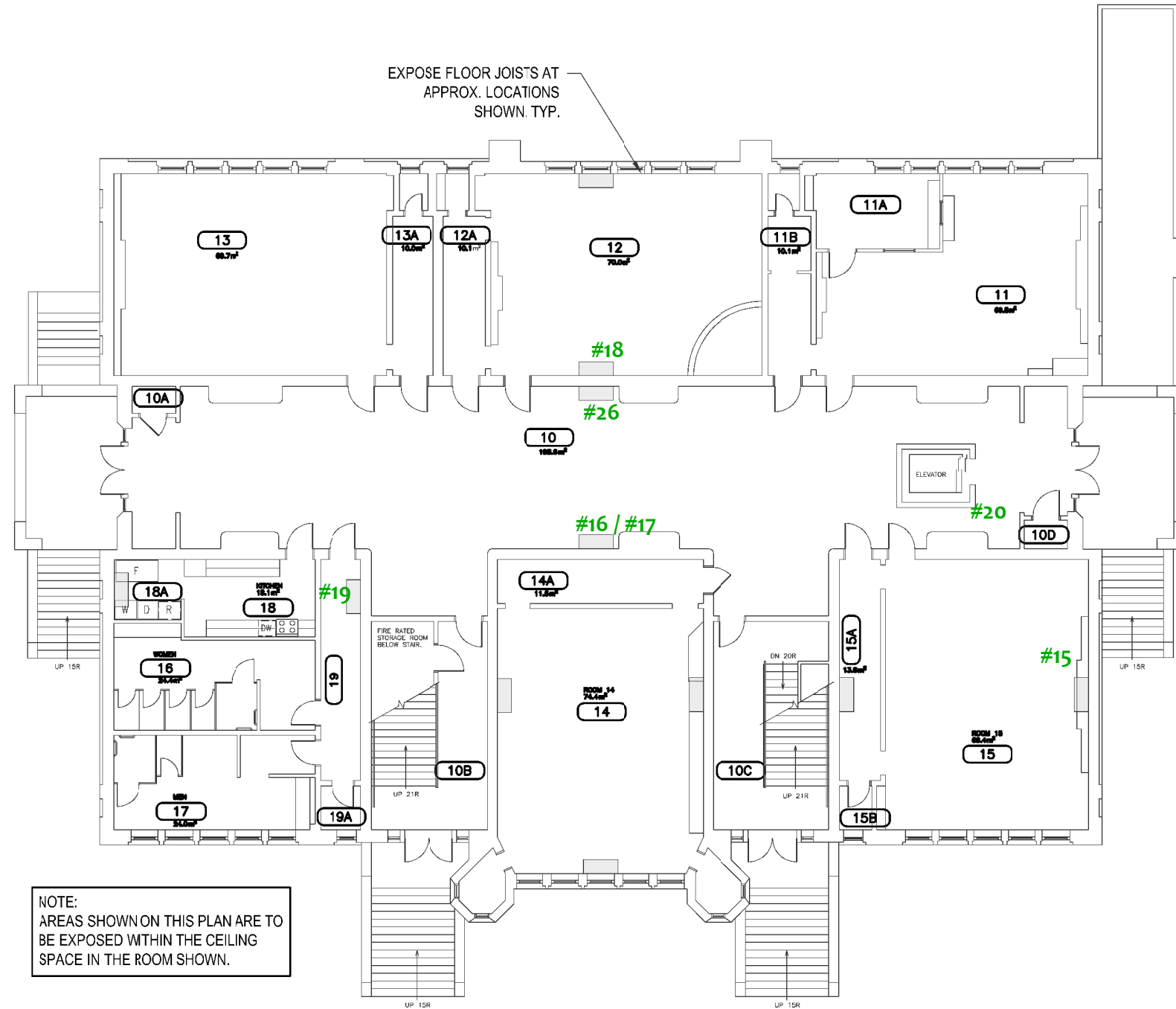
Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
20	2019/04/02	Concrete/Cinderblock	Main Floor Adjacent Elevator West Wall	No Asbestos Detected		EMSL
21	2019/04/02	Beige Plaster	2 nd Floor Stairwell 20B North Wall	No Asbestos Detected		EMSL
22	2019/04/02	Beige Plaster	3 rd Floor Room 31 East Wall - Ceiling	No Asbestos Detected		EMSL
23	2019/04/02	Beige Plaster	3 rd Floor Room 31 South Wall	No Asbestos Detected		EMSL
24	2019/04/02	Drywall White Mud Compound	3 rd Floor Room 30E/35 Drywall Mud Compound Compilation Wall Sample	No Asbestos Detected		EMSL
25	2019/04/02	Grey Plaster	3 rd Floor Room 30E East Wall	No Asbestos Detected		EMSL
26	2019/04/02	Beige Plaster	Main Floor Common Area (10) East Wall - Ceiling	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.



Edited by Bersch Consulting Ltd. 2019
- Sample Location


 203 WELLMAN CRESCENT SASKATOON SASKATCHEWAN CANADA S7T 0J1 TEL.: 306-665-6223 FAX: 306-665-8889 WWW.WSP.COM				SEAL:	CLIENT	PROJECT NO: 191-00155-00	DATE / DATE: 2019.02.22	TITLE: BASEMENT PLAN FURTHER EXPLORATION		
					CITY OF SASKATOON	DESIGNED BY: --		DISCIPLINE:		
						CLIENT REF. #: 715-18-2	DRAWN BY: A.M.C.		ISSUE: --	
						PROJECT: ALBERT COMMUNITY CENTRE STRUCTURAL EVALUATION	CHECKED BY: R.D.K.		RV. # 0	
	S.	RV.	DATE	DESCRIPTION		DRAWING NO: S0	SCALE: 1:200	DATE OF: --		



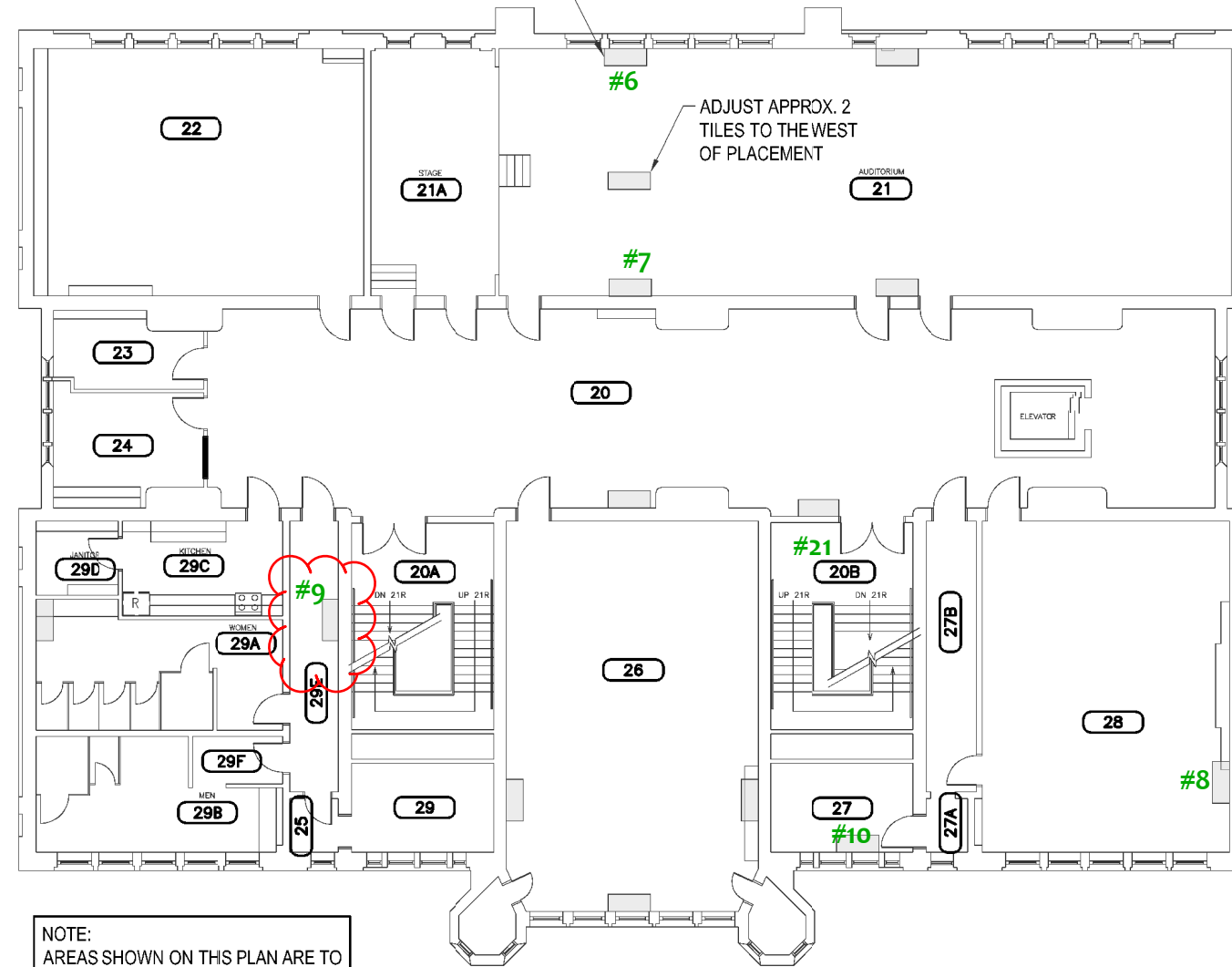
EXPOSE FLOOR JOISTS AT APPROX. LOCATIONS SHOWN. TYP.

NOTE:
AREAS SHOWN ON THIS PLAN ARE TO BE EXPOSED WITHIN THE CEILING SPACE IN THE ROOM SHOWN.

Edited by Bersch Consulting Ltd. 2019
- Sample Location

 203 WELLMAN CRESCENT SASKATOON SASKATCHEWAN CANADA S7T 0J1 TEL.: 306-665-0223 FAX: 306-665-8889 WWW.WSP.COM				SEAL:	CLIENT:	PROJECT NO: 191-00155-00	DATE / DATE: 2019.02.22	TITLE: MAIN FLOOR PLAN FURTHER EXPLORATION		
					CITY OF SASKATOON	DESIGNED BY: --		DISCIPLINE:		
						CLIENT REF. #: 715-18-2	DRAWN BY: A.M.C.		ISSUE:	
						PROJECT: ALBERT COMMUNITY CENTRE STRUCTURAL EVALUATION	CHECKED BY: R.D.K.		RV. #	
	IS.	RV.	DATE	DESCRIPTION			DRAWING NO: S1	SCALE: 1:200	DATE OF:-- 0	

EXPOSE FLOOR JOISTS AT APPROX. LOCATIONS SHOWN. TYP. SITE ADJUST TO ENSURE FLOOR JOISTS ABOVE ARE EXPOSED AT COLUMN LOCATION. (APPROX. 1 TILE TO THE SOUTH OF INITIAL PLACEMENT)



NOTE:
AREAS SHOWN ON THIS PLAN ARE TO BE EXPOSED WITHIN THE CEILING SPACE IN THE ROOM SHOWN.

Edited by Bersch Consulting Ltd. 2019
- Sample Location



203 WELLMAN CRESCENT
SASKATOON SASKATCHEWAN CANADA S7T 0J1
TEL.: 306-665-6223 | FAX: 306-665-8586 | WWW.WSP.COM

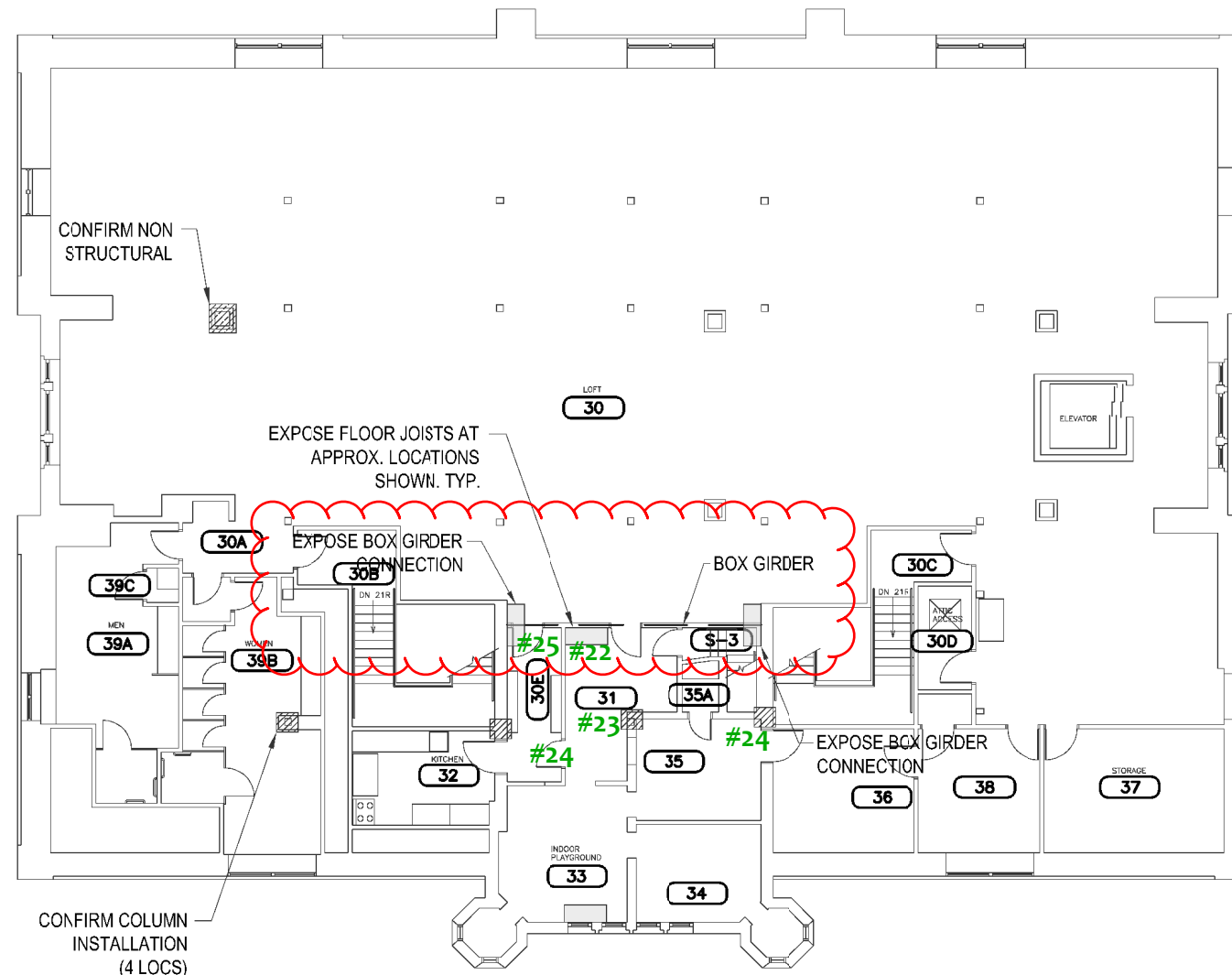
IS	RV.	DATE	DESCRIPTION
	--	2019.03.08	REVISED TO REFLECT CEILING SPACES
1		2019.02.22	AREAS FOR FURTHER EXPLORATION

SEAL:

CLIENT:
CITY OF SASKATOON
CLIENT REF. #: 715-18-2
PROJECT:
**ALBERT COMMUNITY CENTRE
STRUCTURAL EVALUATION**

PROJECT NO:
191-00155-00
DESIGNED BY:
--
DRAWN BY:
A.M.C.
CHECKED BY:
R.D.K.
DRAWING NO:
S2
DATE / DATE:
2019.02.22
SCALE:
1:200

TITLE:
**SECOND FLOOR PLAN
FURTHER EXPLORATION**
DISCIPLINE:
ISSUE:
--
RV. #
0
DATE OF:--



NOTE:
AREAS SHOWN ON THIS PLAN ARE TO
BE EXPOSED WITHIN THE CEILING
SPACE IN THE ROOM SHOWN.

Edited by Bersch Consulting Ltd. 2019
- Sample Location



203 WELLMAN CRESCENT
SASKATOON SASKATCHEWAN CANADA S7T 0J1
TEL.: 306-665-6223 | FAX: 306-665-8581 | WWW.WSP.COM

IS.	RV.	DATE	DESCRIPTION
	--	2019.03.08	REVISED TO REFLECT CEILING SPACES
	1	2019.02.22	AREAS FOR FURTHER EXPLORATION

SEAL:

CLIENT:
CITY OF SASKATOON

CLIENT REF. #: 715-18-2

PROJECT:
**ALBERT COMMUNITY CENTRE
STRUCTURAL EVALUATION**

PROJECT NO:
191-00155-00

DATE / DATE:
2019.02.22

DESIGNED BY:
-

DRAWN BY:
A.M.C.

CHECKED BY:
R.D.K.

DRAWING NO:
S3

SCALE:
1:200

TITLE:
**THIRD FLOOR PLAN
FURTHER EXPLORATION**

DISCIPLINE:

ISSUE:
--

DATE OF:--

Rv. #
0

Pre- Renovation Assessment

June 26, 2018

Client: City of Saskatoon
222 3rd Avenue N
Saskatoon, SK
S7K 0J5

Attention: Tanner Huynink

File Number: B67PRF18H- Albert Community Centre

Project: Albert Community Centre- 610 Clarence Ave S

Evan Westad of Bersch Consulting Ltd. conducted a site visit on June 18, 2018, to the Albert Community Center located at 610 Clarence Ave S, Saskatoon, Saskatchewan. The purpose of the visit was to investigate and collect bulk samples to determine the presence/absence of asbestos. Five (5) bulk samples were collected and analyzed for the identification of asbestos. Asbestos **was not** detected within the samples.

The results for the bulk samples were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume. This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client. Please reference Appendix I for the bulk analysis results.

Site Observations and Information

The scope of this investigation included wall coverings composed of plaster and drywall mud compound. The walls in question include all walls and ceilings behind which a malfunction fire suppression system is installed. The purpose of sampling was to rule out any exposure to asbestos during the repair of the fire suppression system. Two (2) samples of plaster were collected and analyzed for the presence/absence of asbestos. Asbestos was not detected within the samples. Three (3) samples of drywall mud compound were collected and analyzed for the presence/absence of asbestos. Asbestos was not detected within the samples. In addition previous sampling has resulted in an additional seven (7) plaster samples and five (5) drywall samples confirmed to be non-asbestos.

Based on observations during the site visit and the results of bulk sampling, there is no asbestos concern regarding the wall/ceiling plaster or the drywall mud compound within the Albert Community Center.

If any questions arise on the results of the attached information, please contact Evan Westad at (306) 978-6665. Thank you for this opportunity of service.

Sincerely,



Evan Westad
Bersch Consulting Ltd.
File No.: B67PRF18H- Albert Community Centre

Appendix I

Bulk Sample Analysis Report

Bulk Sample Analysis Report

June 26, 2018

Project Number: B67.18

Client: City of Saskatoon

Contact: Hazel Fernandez

Location: Albert Community Center

File Number: B67BAF18H

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
1a	2018/06/18	Plaster Base Coat	1 st Floor- Daycare Corridor- West Pipe Chase- Access Hatch	No Asbestos Detected		EMSL
1b	2018/06/18	Plaster Skim Coat	1 st Floor- Daycare Corridor- West Pipe Chase- Access Hatch	No Asbestos Detected		
2a	2018/06/18	Plaster Base Coat	2 nd Floor- Hall 10- West Pipe Chase Wall	No Asbestos Detected		
2b	2018/06/18	Plaster Skim Coat	2 nd Floor- Hall 10- West Pipe Chase Wall	No Asbestos Detected		
3	2018/06/18	Drywall Mud Compound	3 rd Floor South Wall Adj Buildout	No Asbestos Detected		
4	2018/06/18	Drywall Mud Compound	3 rd Floor- NW Corner- Adj Men's Room	No Asbestos Detected		

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
5	2018/06/18	Drywall Mud Compound	3 rd Floor- Freezer Room- SW Corner	No Asbestos Detected		

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

Appendix I

Previous Bulk Sample Analysis Report

Bulk Sample Analysis Report

May 23, 2018

Project Number: B67.18

Client: City of Saskatoon

Contact: Hazel Fernandez

Location: Albert Community Center

File Number: B67BAF18H

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
1	2018/01/22	Drywall Mud Compound	3 rd Floor East Wall	No Asbestos Detected		EMSL
2	2018/01/22	Drywall Mud Compound	3 rd Floor East Wall	No Asbestos Detected		EMSL
2	2017/09/14	Drywall Mud Compound	Room 18- Kitchen	No Asbestos Detected		EMSL
3a	2017/09/14	Plaster Base Coat	Room 18- Kitchen	No Asbestos Detected		EMSL
3b	2017/09/14	Plaster Skim Coat	Room 18- Kitchen	No Asbestos Detected		EMSL
1	2017/06/22	Drywall Mud Compound	3 rd Floor- Roof Access	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
1	2017/06/22	Drywall Mud Compound	3 rd Floor Daycare	No Asbestos Detected		EMSL
1a	2017/01/13	Plaster Base Coat	Daycare Main Floor Corridor- Ceiling	No Asbestos Detected		EMSL
1b	2017/01/13	Plaster Skim Coat	Daycare Main Floor Corridor- Ceiling	No Asbestos Detected		EMSL
1	2017/07/28	Plaster	Room 12a- South Wall	No Asbestos Detected		EMSL
2	2017/07/28	Plaster	Room 12a- South Wall	No Asbestos Detected		EMSL
7	2014/01/24	Plaster	Basement Room 4- Plaster above Suspended Ceiling in Center of Room	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

BERSCH CONSULTING LTD.

January 25, 2018

City of Saskatoon
311 – 23rd Street East
Saskatoon, Saskatchewan
S7K 0J6

ATTENTION: Paul Lummerding

SUBJECT: Bulk Sample Analysis Report – Albert Community Center

Please find attached the laboratory results for the bulk samples collected on January 22, 2018 from the Albert Community Centre located at 610 Clarence Avenue South. The samples were collected from the 3rd floor east wall. The samples were analyzed for the identification of asbestos. Asbestos **was not** detected within the samples.

The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client.

The vinyl floor tile is known to contain asbestos as per the previous assessment of the facility. If an opening is required in the floor, the floor tile will require proper removal of the affected area. It is recommended further examination of the floor be conducted before removal for any additional layers that may be suspect asbestos materials.

If any questions arise on the results of the attached information, please contact our office.

Thank you for this opportunity of service.

Sincerely,



Tyneal Knackstedt, B.S.A., M.SEM.
Bersch Consulting Ltd.
B67BLA22H- Albert Community Center

Bersch Consulting Ltd.

244-2002 Quebec Avenue
Saskatoon, SK S7K 1W4

B67BAA22H

BULK SAMPLE ANALYSIS REPORT

PROJECT NO: B67.18
CLIENT: CITY OF SASKATOON
CONTACT: PAUL LUMMERDING
LOCATION: ALBERT COMMUNITY CENTER

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	22-Jan-18	3rd Floor East Wall - Drywall Mud Compound	No Asbestos Detected		EMSL
2	22-Jan-18	3rd Floor East Wall - Drywall Mud Compound	No Asbestos Detected		EMSL

BERSCH CONSULTING LTD.

November 7, 2017

City of Saskatoon
311 – 23rd Street East
Saskatoon, Sk
S7K 0J6

ATTENTION: Paul Lummerding

**SUBJECT: Pre-Renovation Assessment – Albert Community Center –Daycare Kitchen
Renovation Project.**

Mitch Webber of Bersch Consulting Ltd. conducted a site visit on November 6, 2017, to collect bulk sample to determine the presence/absence of asbestos content. The facility is located at 610 Clarence Avenue South, Saskatoon, SK. One (1) sample was collected and analyzed for the identification of asbestos. Asbestos **was not** detected in the sample. Based on the bulk sampling results, there is no concern that would reflect on the daycare kitchen renovation project.

The results for the bulk sample was obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client.

If any questions arise on the results of the attached information, please contact our office.

Thank you for this opportunity of service!

Sincerely,



Mitch Webber
Bersch Consulting Ltd.

File: B67BLK06G – A.C.C.

Bersch Consulting Ltd.

244-2002 Quebec Avenue
Saskatoon, SK S7K 1W4

B67BAK06G

BULK SAMPLE ANALYSIS REPORT

PROJECT NO: B67.17
CLIENT: CITY OF SASKATOON
CONTACT: PAUL LUMMERDING
LOCATION: 610 CLARENCE AVE. SOUTH, SASKATOON, SK

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	6-Nov-17	Room 18 - Kitchen - Gray Paper Backing Under Hardwood Flooring	No Asbestos Detected		EMSL

BERSCH CONSULTING LTD.

September 21, 2017

City of Saskatoon
311 – 23rd Street East
Saskatoon, Sk
S7K 0J6

ATTENTION: Paul Lummerding

**SUBJECT: Pre-Renovation Assessment – Albert Community Center –Daycare Kitchen
Renovation Project.**

Mitch Webber of Bersch Consulting Ltd. conducted a site visit on September 14, 2017, to collect bulk samples to determine the presence/absence of asbestos content. The facility is located at 610 Clarence Avenue South, Saskatoon, SK. Five (5) samples were collected and analyzed for the identification of asbestos. Asbestos **was not** detected in the samples. Based on the bulk sampling results, there is no concern that would reflect on the daycare kitchen renovation project.

The results for the bulk samples were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client.

If any questions arise on the results of the attached information, please contact our office.

Thank you for this opportunity of service!

Sincerely,



Mitch Webber
Bersch Consulting Ltd.

File: B67BLI14G – A.C.C.

Bersch Consulting Ltd.244-2002 Quebec Avenue
Saskatoon, SK S7K 1W4

B67BA114G

BULK SAMPLE ANALYSIS REPORT**PROJECT NO: B67.17**
CLIENT: CITY OF SASKATOON
CONTACT: PAUL LUMMERDING
LOCATION: 610 CLARENCE AVE. SOUTH, SASKATOON, SK

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	14-Sep-17	Room 18 - Kitchen - 2nd Layer of Sheet Flooring underneath Dishwasher	No Asbestos Detected		EMSL
2	14-Sep-17	Room 18 - Kitchen - Drywall Mud Compilation	No Asbestos Detected		EMSL
3a	14-Sep-17	Room 18 - Kitchen - Plaster Base Coat Adj. Coffee Maker	No Asbestos Detected		EMSL
3b	14-Sep-17	Room 18 - Kitchen - Plaster Skim Coat Adj. Coffee Maker	No Asbestos Detected		EMSL
4	14-Sep-17	Room 18 - Kitchen - Tan & Beige Stone Pattern Sheet Flooring	No Asbestos Detected		EMSL
5	14-Sep-17	Room 18 - Kitchen - Arborite Countertop Covering	No Asbestos Detected		EMSL

BERSCH CONSULTING LTD.

PRE-RENOVATION ASSESSMENT

August 4, 2017

CLIENT: City of Saskatoon
3130 Laurier Drive
Saskatoon, SK
S7L 5J7

ATTENTION: Nathan Hahn

**PROJECT: Albert Community Center – 610 Clarence Avenue South – Rm. 12a- Testing Wall
Coating for Hanging Lockers**

FILE NUMBER: B67PRG28G

Evan Westad of Bersch Consulting Ltd. conducted a site visit on July 28, 2017 to the Albert Community Center located at 610 Clarence Avenue S, Saskatoon, Saskatchewan. The purpose of the visit was to investigate and collect bulk samples to determine the presence/absence of asbestos. Three (3) bulk samples were collected and analyzed for the identification of asbestos. Asbestos **was not** detected within any of the samples.

The results for the bulk samples were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client. Please reference *Appendix I* for the bulk analysis results.

SITE OBSERVATION AND INFORMATION:

- 1) The lockers are to be hung on the south wall in room 12a immediately adjacent the entrance to the room. This wall consists of hard plaster with the lower five feet having an additional covering of pressboard finished with wood trim on top. The plaster behind the press board appears to be homogenous to the plaster above. However, without further destructive sampling it is impossible to confirm this. The plaster appears to be a single layer coated with paint and primer. A sample of the plaster was collected adjacent the northeast corner of the room, near the door. A few areas of the wall appear to have been patched evidenced by smooth areas of plaster. A sample of plaster was also collected from one of these areas. Both samples have been analyzed and confirmed to be **non- asbestos containing**.

- 2) A third sample was collected from the pressboard on the lower portion of the wall. This board has also been confirmed to be **non-asbestos containing**.

If any questions or concerns arise on the results of the attached information, please contact our office at (306)978 - 6665. Thank you for this opportunity of service.

Sincerely,



Evan Westad
Bersch Consulting Ltd.
File No.: B67PRG28G- Albert Community Center

APPENDIX I

BULK SAMPLE ANALYSIS

Bersch Consulting Ltd.244-2002 Quebec Avenue
Saskatoon, SK S7K 1W4

B67BAG28G

BULK SAMPLE ANALYSIS REPORT**PROJECT NO: B67.17**
CLIENT: CITY OF SASKATOON
CONTACT: NATHAN HAHN
LOCATION: ALBERT COMMUNITY CENTER

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	28-Jul-17	Room 12a, South Wall- Plaster	No Asbestos Detected		EMSL
2	28-Jul-17	Room 12a, South Wall- Smooth Plaster	No Asbestos Detected		EMSL
3	28-Jul-17	Room 12a, South Wall- Press Board	No Asbestos Detected		WB

BERSCH CONSULTING LTD.

June 29, 2017

City of Saskatoon
Facilities and Fleet Management
3130 Laurier Drive
Saskatoon, Sk
S7L 5J7

ATTENTION: Nathan Hahn

SUBJECT: Pre-Renovation Assessment – Albert Community Center – Third Floor – Roof Access Project.

Mitch Webber of Bersch Consulting Ltd. conducted a site visit on June 22, 2017 to collect bulk sample of drywall mud compound to determine the presence/absence of asbestos content. The facility is located at 610 Clarence Avenue South, Saskatoon, SK. One sample was collected and analyzed for the identification of asbestos. Asbestos **was not** detected within the sample. Based on the bulk sampling results, there is no concern that would reflect on the 3rd floor Roof Access Log installation.

The results for the bulk sample was obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

The 3rd floor roof access consists of hardwood floors and drywall walls.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client. If any questions arise on the results of the attached information, please contact our office 306.978.6665. Thank you for this opportunity of service!

Sincerely,



Mitch Webber
Bersch Consulting Ltd.

File: B67BLF22G – A.C.C. – 3rd Floor Roof Access

Bersch Consulting Ltd.

244-2002 Quebec Avenue
Saskatoon, SK S7K 1W4

B67BAF22G

BULK SAMPLE ANALYSIS REPORT

PROJECT NO: B67.17
CLIENT: CITY OF SASKATOON
CONTACT: NATHAN HAHN
LOCATION: 610 CLARENCE AVE. SOUTH, SASKATOON, SK

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	22-Jun-17	3rd Floor Roof Access - Drywall Mud Compound	No Asbestos Detected		EMSL

BERSCH & ASSOCIATES LTD.

January 19th, 2017

City of Saskatoon
Facilities and Fleet Management
3130 Laurier Drive
Saskatoon, Sk
S7L 5J7

ATTENTION: Hazel Fernandez

SUBJECT: Asbestos Site Investigation – Albert Community Centre Renovation Project.

Mitch Webber of Bersch & Associates Ltd. conducted a site visit on January 13th, 2017 to investigate and collect a bulk sample of the plaster ceiling material to confirm the presence/absence of asbestos content. The facility is located at 610 Clarence Avenue South, Saskatoon, SK. One (1) bulk sample was collected and analyzed for the identification of asbestos. Asbestos **was not** detected in the sample. Based on the bulk sample and site investigation, there does not appear to be an asbestos concern that would reflect on the renovations proposed for the area.

The results for the bulk samples were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

The Albert Community Centre Day Care main corridor ceiling consists of plaster with an empty cavity above. The empty cavity has wooden joist and tongue & groove plank floor above. Refer to the attached photos.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client. If any questions arise on the results of the attached information, please contact our office 306 222 7477. Thank you for this opportunity of service!

Sincerely,



Brad Berschiminsky
Bersch & Associates Ltd.
File: B67BLA13G – Albert Community Centre

Bersch & Associates Ltd.

B67BAA13G

244-2002 Quebec Avenue
Saskatoon, SK S7K 1W4

BULK SAMPLE ANALYSIS REPORT

PROJECT NO: B67.17
CLIENT: CITY OF SASKATOON
CONTACT: HAZEL FERNANDEZ
LOCATION: 610 CLARENCE AVE. SOUTH, SASKATOON, SK

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	13-Jan-17	Albert Community Centre - Daycare Main Corridor - Ceiling Plaster w/ Skim Coat	No Asbestos Detected		WB
2	13-Jan-17	Albert Community Centre - Daycare Main Corridor - Ceiling Plaster w/ Skim Coat	No Asbestos Detected		WB

SITE PHOTOS

PHOTO 1 – DAY CARE MAIN CORRIDOR – PRIOR TO BULK SAMPLING



PHOTO 2 – SAMPLE AREA



PHOTO 3 – ABOVE ENCLOSED CEILING



PHOTO 4 – SAMPLE AREA SEALED

