



37 Sandiford Dr., Suite 411, Stouffville, ON L4A 7X5

P 905.766.4054 F 905.642.5999

G2Senvironmental.com

Electromagnetic Radiation (EMR) Testing Report Twenty-Five Schools, Calgary Board of Education

G2S14600

Calgary Board of Education
1221 – 8 Street SW
Calgary, Alberta
T2R 0L4

09/02/2015

Executive Summary

G2S Environmental Consulting Inc. (G2S) was retained by the Calgary Board of Education (CBE) to complete electromagnetic radiation (EMR) testing of twenty-five school buildings within the CBE.

Wi-Fi access points were installed at ceiling level at various locations throughout the schools. The objective of the testing was to assess the levels of radiofrequency (RF) emissions associated with the Wi-Fi equipment and compare the collected data to the exposure limits specified in Health Canada's Safety Code 6. During the testing, the staff and students continued to use the network in a normal matter to provide realistic RF exposure levels during a typical school day.

A total of 375 different locations were measured at the twenty-five school buildings. All measurements were well below the Safety Code 6 limit of 10 W/m^2 (for frequency ranges between 1500 to 15000 MHz). On average, the RF measurements were higher when the Wi-Fi equipment was turned on compared to when it was turned off, which is expected.

Both the background RF levels (Wi-Fi network "off") and the total RF levels (Wi-Fi network "on") showed values typical for residential areas of relatively low population density. Note that higher population density usually relates to higher RF activity, especially when cell towers are present.

Based on the findings of this survey, the RF measurements in the areas tested are well within the limits set by Health Canada Safety Code 6 (2009). The need for further investigations has not been identified at this time.

Table of Contents

Executive Summary	i
1.0 Introduction	1
2.0 Background	1
2.1 Radio Frequency and Wi-Fi Background.....	1
2.2 CBE Wi-Fi Equipment System.....	2
3.0 Objective and Scope of Work.....	2
4.0 Health Canada’s Safety Code 6 (2009)	2
5.0 Methodology.....	4
5.1 Additional Electromagnetic Sources.....	4
5.2 Measurement Equipment	5
5.3 Measurement Locations	6
6.0 Data Evaluation.....	7
7.0 Conclusion and Recommendations	9
8.0 Qualifications of the Reviewer.....	9
9.0 References.....	9
10.0 Limitations	10
11.0 Closing Remarks.....	10

Attachments

Attachment A: Summary Table	Attachment B13: John Ware School
Attachment B1: Arbour Lake School	Attachment B14: Lester B. Pearson High School
Attachment B2: Acadia School	Attachment B15: Marlborough School
Attachment B3: Bridlewood School	Attachment B16: Olympic Heights School
Attachment B4: Centennial High School	Attachment B17: Robert Thirsk High School
Attachment B5: Colonel J. Fred Scott	Attachment B18: Sam Livingston School
Attachment B6: Crescent Heights High School	Attachment B19: Sherwood School
Attachment B7: Douglasdale School	Attachment B20: Stanley Jones School
Attachment B8: Dr. Gladys M. Egbert	Attachment B21: Twelve Mile Coulee School
Attachment B9: Dr. E. P. Scarlett High School	Attachment B22: Tom Baines School
Attachment B10: Fairview School	Attachment B23: Valley Creek School
Attachment B11: Grant Macewan School	Attachment B24: Wildwood School
Attachment B12: James Fowler High School	Attachment B25: Willow Park School

1.0 Introduction

G2S Environmental Consulting Inc. (G2S) was retained by the Calgary Board of Education (CBE) to complete electromagnetic radiation (EMR) surveys at the following twenty-five school buildings.

Arbour Lake School 27 Arbour Crest Drive NW	Crescent Heights High School 1019 - 1 Street NW	Grant Macewan School 180 Falshire Drive NE	Olympic Heights School 875 Strathcona Drive SW	Twelve Mile Coulee School 65 Tuscany Hills Road NW
Acadia School 9603 - 5 Street SE	Douglasdale School 400 Douglas Park Blvd. SE	James Fowler High School 4004 - 4 Street NW	Robert Thirsk High School 8777 Nose Hill Drive NW	Tom Baines School 250 Edgepark Blvd. NW
Bridlewood School 207 Bridleridge Way SW	Dr. Gladys M. Egbert 6033 Madigan Drive NE	John Ware School 10020 - 19 Street SW	Sam Livingston School 12011 Bonaventure Dr. SE	Valley Creek School 10951 Hidden Valley Drive NW
Centennial High School 55 Sun Valley Boulevard SE	Dr. E. P. Scarlett H.S. 220 Canterbury Drive SW	Lester B. Pearson High School 3020 - 52 Street NE	Sherwood School 2011 - 66 Ave. SE	Wildwood School 120 - 45 Street SW
Colonel J. Fred Scott School 171 Whitehorn Road NE	Fairview School 7840 Fairmount Drive SE	Marlborough School 4711 Maryvale Drive NE	Stanley Jones School 950 - 6 Street NE	Willow Park School 343 Willow Park Drive SE

Wi-Fi access points were installed at ceiling level at various locations throughout the schools. The objective of the EMR testing was to assess the levels of radiofrequency (RF) emissions associated with the Wi-Fi equipment and compare the collected data to the exposure limits specified in Health Canada's Safety Code 6.

2.0 Background

2.1 Radio Frequency and Wi-Fi Background

Radio frequency is defined as any electromagnetic wave frequencies that range from 3 kHz to 300 GHz. RF power is often emitted from devices such as cell phones, medical devices, radar, and from radio and television broadcasting (Health Canada, 2009).

Wi-Fi is a trademark of the Wi-Fi Alliance and defines Wi-Fi as any wireless local area network (WLAN) product that is based on the Institute of Electrical and Electronics Engineers (IEEE) 802.11 standards (Industry Canada, 2012). Wi-Fi networks use radio technologies called 802.11 to provide secure, reliable, and fast wireless connectivity. A Wi-Fi network can be used to connect electronic devices to each other, to the Internet, and to wired networks which use ethernet technology. Wi-Fi networks operate in the 2.4 GHz frequency band (from 2.400 GHz to

2.484 GHz) and in the 5 GHz band (from 5.725 GHz to 5.825 GHz), with some products that can operate in both bands (dual band).

A device that can use Wi-Fi (such as a personal computer, video-game console, smartphone, digital camera, tablet, or digital audio player) can connect to a network resource such as the Internet via a wireless network access point. Such an access point (or hotspot) has a range of about 20 meters (65 feet) indoors and typically consists of one or more low power transmitters installed at the ceiling level.

2.2 CBE Wi-Fi Equipment System

The Wi-Fi equipment (access points) installed at the twenty-five schools consisted of Aruba AP-60 (DAS) and Aruba AP-125 devices. The access points were wired into the DAS systems to extend the wireless coverage to a larger area of the school. Bridlewood School, Robert Thirsk High School and Twelve Mile Coulee School which were built after 2010 have the Aruba AP-125 devices. The remaining twenty-two schools built prior to 2010 include a mixture of Aruba AP-60 and Aruba AP-125 devices.

The locations of the access points for each school are shown on the corresponding drawings provided in Attachments B1 to B25. The installed Wi-Fi equipment operate in the frequency range between 2.4 GHz and 5.825 GHz.

3.0 Objective and Scope of Work

The objective of the investigation was to evaluate the RF exposure levels from the Wi-Fi computer network at each school and compare the measurements to Health Canada's Safety Code 6 exposure limits. More information regarding the Safety Code 6 limits is provided in Section 4 and a methodology of our survey is provided in Section 5.

In general, the scope of work for the survey included the following:

1. Review of all existing EMR sources within an approximate 150 m radius of each Site;
2. Conduct testing using a Narda Broadband Field Meter NBM-550 equipped with a NAR-EC5091 300 kHz - 50 GHz Shaped E-Field Probe, SC6 Canada, Isotropic;
3. Collection of RF readings from various locations throughout the schools with and without the wireless network equipment signals present;
4. Data evaluation with respect to Safety Code 6 exposure limits; and
5. Preparation of a report detailing the RF measurement results.

4.0 Health Canada's Safety Code 6 (2009)

Guidelines for acceptable levels of RF exposure for the protection of human health are outlined in the 2009 Health Canada document entitled "*Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz*" (Safety Code 6). The purpose of Safety Code 6 is to establish safety limits for human exposure to RF electromagnetic energy in the frequency range from 3 kHz to 300 GHz. Limits of exposure to RF energy in the code concerning the general public were set to a minimum of fifty times lower than the levels

where potential harmful effects (alterations in core-body temperature of about 1° C) could take place.

Safety Code 6 has specified two types of exposure limits: (i) exposure in a controlled environment and (ii) exposure in an uncontrolled environment. The first type of limit addresses the maximum permissible exposures (MPEs) for employees in the RF/communications industry, where exposure is a component of their job and is, therefore, predictable and carefully monitored. The second type of limit addresses the exposure of the general public, which can occur at any arbitrary location (public or private) and which, therefore, cannot be controlled or monitored on a regular basis. The applicable limit for this investigation is exposure in an uncontrolled environment.

The recommended exposure levels are regulated through: (a) the specific absorption rate (SAR) limits, and (b) the field strength or the power density limits, depending on the frequency range. SAR is a measurement of the rate at which electromagnetic energy is absorbed in the body and is measured in Watts per kilogram (W/kg). The SAR is typically determined for situations where exposures occur at a distance of 0.2 m or less from the source and is applicable for persons classified as RF and microwave workers. For conditions where SAR determination is impractical (this is usually the case of the uncontrolled environment), field strength and power density limits are applied. Section 2.2 of Safety Code 6 specifies exposure limits for persons NOT classified as RF and microwave workers (the general public) in terms of electric field strength and power density for frequencies greater than 100 MHz. Below 100 MHz, the limits are specified only in terms of electric and magnetic field strengths. The maximum allowed spatial average values in an uncontrolled environment are summarized in Table 1 in the relevant frequency bands. Note that the probe used in the current survey is specifically designed to report the RF emissions relative to Safety Code 6 in the frequency range from 300 kHz (or 0.3 MHz) to 50 GHz (or 50 000 MHz).

TABLE 1:
 EXPOSURE LIMITS FOR UNCONTROLLED ENVIRONMENTS ACCORDING TO SAFETY CODE 6

Frequency <i>f</i> (MHz)	<i>E</i> -field strength, rms (V/m)	<i>H</i> -field strength, rms (A/m)	Power Density (W/m ²)	Averaging Time (min)
0.003 to 1	280	2.19	NA	6
1 to 10	280/ <i>f</i>	2.19/ <i>f</i>	NA	6
10 to 30	28	2.19/ <i>f</i>	NA	6
30 to 300	28	0.073	2 (above 100 MHz)	6
300 to 1 500	1.585 <i>f</i> ^{0.5}	0.0042 <i>f</i> ^{0.5}	<i>f</i> / 150	6
1 500 to 15 000	61.4	0.163	10	6
15 000 to 150 000	61.4	0.163	10	616 000/ <i>f</i> ^{1.2}

5.0 Methodology

The RF survey was conducted by G2S staff between November 17 and December 11, 2014. RF measurements were taken with a Narda Broadband Field Meter NBM-550 equipped with a NAR-EC5091 300 kHz - 50 GHz Shaped E-Field Probe, SC6 Canada, Isotropic. This probe ensures that RF exposure is evaluated in the entire frequency band from 300 kHz to 50 GHz, which includes all possible emissions from radio and TV, mobile handhelds (police, emergency services, etc.), cell phone towers and handsets, Bluetooth and Wi-Fi hot spots and devices, etc.

5.1 Additional Electromagnetic Sources

Prior to conducting the EMR survey, G2S identified existing EMR sources within an approximate 150 m radius of each school property line.

The majority of the schools are situated within a residential setting and have similar potential EMR sources including radio, TV broadcast, wireless networks, hydro corridor, cordless phones and mobile devices. Additional EMR sources that were identified during the preliminary site visits are labelled on the site location plans and summarized below.

TABLE 2:
 ADDITIONAL (NOT WI-FI) ELECTROMAGNETIC SOURCES

School	EMR Source	Approximate Distance from School Property (m)
Arbour Lake School	Communication Tower	30 m South
Centennial High School	Communication Tower	125 m Northwest
	Three roof top Cellular Antennas	75 m West
Colonel J. Fred Scott	Weather Station	On Site
Dr. E. P. Scarlett School	Communication Tower	150 m East
James Fowler School	Roof top Cellular Antenna	50 m North
Olympic Heights School	Weather Station	100 m North
Robert Thirsk High School	Roof top Cellular Antenna	130 m West
Stanley Jones School	Roof top Cellular Antenna	120 m Southwest
Valley Creek School	Weather Station	On Site

The additional (not Wi-Fi) Electromagnetic Sources that were identified above are shown on the site location plans provided in Attachments B1, B4, B5, B9, B12, B16, B17, B20 and B23.

The rooftop T.V antennas observed at Colonel J. Fred Scott School, Dr. E.P. Scarlett School, James Fowler School, Olympic Heights School, Sam Livingston School and Valley Creek School are not transmitting antennas and therefore do not contribute to the background electromagnetic radiation at the respective location.

The weather stations observed at Colonel J. Fred Scott School, Olympic Heights School and Valley Creek School do transmit electromagnetic signals and therefore would contribute to

background electromagnetic radiation, but it is important to note that they operate at a frequency approximately 1,000 times lower than the operating Wifi networks.

5.2 Measurement Equipment

The instrument measures values as percentage of the overall Safety Code 6 MPE limits for which the probe is designed. In this case, the instrument reports the overall detected RF power from 300 kHz to 50 GHz as a percentage of the limits specified by Health Canada Safety Code 6 for controlled environments. Note that this frequency range includes the 2.4 GHz and 5 GHz bands utilized by the CBE Wi-Fi networks. As a result, a conversion of the measured values is required to assess the measurements against the RF exposure limits set out in Health Canada Safety Code 6 for uncontrolled environments.

A comparison between the MPE limits for controlled environments versus uncontrolled environments in the frequency band of the probe (300 kHz to 50 GHz) is given in Table 3. The exposure value reported by the instrument, which is relative to the limits for a controlled environment, must be multiplied by a conversion coefficient of 5 in order to obtain the exposure value relative to the limits for an uncontrolled environment. For example, a recorded exposure value of 0.3017% relative to the limits for a controlled environment corresponds to an exposure value of 1.509% relative to the limits for an uncontrolled environment. Note (from Table 3) that the conversion coefficient is 4.6 below 100 MHz frequency, which means that applying a coefficient of 5 results in a slight overestimation of the exposure value relative to the limits for the uncontrolled environment (if radiation below 100 MHz frequency is indeed present). A slight overestimation of the emissions is in fact preferable as it provides an additional, albeit small, safety margin.

TABLE 3:
 COMPARISON OF THE MPE LIMITS FOR CONTROLLED ENVIRONMENT VERSUS UNCONTROLLED ENVIRONMENT IN HEALTH CANADA SAFETY CODE 6

Frequency range	SC6 limit (controlled)	SC6 limit (uncontrolled)	Limit type	Power Ratio
0.003 MHz to 1 MHz	600	280	Electric field strength in V/m	4.6
1 MHz to 10 MHz	600/ <i>f</i>	280/ <i>f</i>	Electric field strength in V/m	4.6
10 MHz to 30 MHz	60	28	Electric field strength in V/m	4.6
30 MHz to 100 MHz	60	28	Electric field strength in V/m	4.6
100 MHz to 300 MHz	10	2	Power density in W/m ²	5.0
300 MHz to 1.5 GHz	<i>f</i> /30	<i>f</i> /150	Power density in W/m ²	5.0
1.5 GHz to 3.0 GHz	50	10	Power density in W/m ²	5.0
3.0 GHz to 50.0 GHz	50	10	Power density in W/m ²	5.0

Note: *f* denotes frequency in MHz.

At each survey location, a maximum, a minimum and a spatial average measurement was recorded. Note that the time required to survey each location is at least 6 minutes as required by the time-averaging interval of Safety Code 6 (see Table 1). Thus, the spatial average measurement is an average of all values recorded over a 6 minute period and over a volume of space of roughly 0.35 m width, 0.35 m depth, and 1.25 m height, which is at a reasonable distance (for example, 0.5 m) from the floor. This volume represents roughly the volume of a human body and it is the value that must be used to evaluate the exposure relative to the

specified limits. The maximum/minimum measurements represent the highest/lowest values recorded over this 6 minute period and they serve the purpose of identifying where possible hot spots may reside. However, in an uncontrolled environment such as schools and public buildings, due to constant changes in the environment (mostly people moving around), such hot spots change constantly and are highly unpredictable. Here, the minimum and maximum values are reported to simply provide the client with an idea of how dynamic the RF environment is in the measured locations.

Two measurements were taken at each location, one with the Wi-Fi computer network “off” and one with the computer network turn “on”. In addition to Wi-Fi, the instrument has the capability of capturing other sources of EMR such as radio and TV broadcast, cellular towers (base-stations), mobile devices, etc. Thus, a measurement with the Wi-Fi network “off” provides a measure of the “background” radiation while the measurement with the Wi-Fi network “on” provides a measure of the “background” radiation plus the added RF power due to the Wi-Fi nodes. It is not uncommon in an uncontrolled environment to observe lower emission levels with the Wi-Fi network “off” as compared to when it is “on”. This is because: (i) the environment changes and (ii) effects of destructive and constructive RF wave interference influence the measurements locally.

During this survey, the staff and students continued to use the network in a normal matter to provide realistic background RF exposure levels during a typical school day. In addition, the Wi-Fi computer network “on” measurements were collected with two tablets uploading and downloading simultaneously. The two devices were uploading and downloading in the 2.4 GHz or the 5.0 GHz band. The tablets were in close proximity of the access point during the Wi-Fi computer network “on” measurements, actual distances are provided in Tables 1 to 25 in Attachments B1 to B25.

Data which included the location, time and frequency were recorded and the measurements were saved in the NBM-550 machine.

5.3 Measurement Locations

The survey locations for each school are shown on the site plans provided in Attachments B1 to B25. Readings were taken at various floors and rooms throughout the twenty-five school buildings to ensure proper representation of the school. The survey locations were chosen based on various factors including type of building construction, room size, room use, and potential exposure scenarios (proximity to access points).

Readings were taken at various height levels; in general, measurements were taken between approximately 0.3 m to 6.0 m from the access points.

6.0 Data Evaluation

The number of survey locations ranged from ten to fifteen in an elementary school and twenty-one to twenty-five in a secondary school.

The overall average of the spatial average readings when the Wi-Fi equipment was turned on compared to when it was turned off at each of the twenty-five schools is summarized in Table 4 below:

TABLE 4:
 OVERALL AVERAGE OF THE SPATIAL AVERAGE RESULTS WITH THE WI-FI COMPUTER NETWORK “OFF”
 AND “ON” BY LOCATION

School	Sample Type	Wi-Fi Computer Network				Measurement Difference
		Operating		Off		
		% of SC 6	W/m ²	% of SC 6	W/m ²	
Arbour Lake	Overall Spatial Average	0.448 %	0.0446	0.403 %	0.0402	0.045 %
Acadia	Overall Spatial Average	1.551 %	0.1544	1.170 %	0.1165	0.380 %
Bridlewood	Overall Spatial Average	0.715 %	0.0712	0.699 %	0.0696	0.016 %
Centennial High	Overall Spatial Average	1.303 %	0.1298	0.607 %	0.0604	0.696 %
Colonel J. Fred Scott	Overall Spatial Average	1.725 %	0.1718	0.765 %	0.0762	0.960 %
Crescent Heights High	Overall Spatial Average	0.445 %	0.0443	0.334 %	0.0333	0.111 %
Douglasdale	Overall Spatial Average	0.7004 %	0.0698	0.781 %	0.0778	-0.081 %
Dr. Gladys M. Egbert	Overall Spatial Average	1.184 %	0.1179	1.324 %	0.1319	-0.141%
Dr. E. P. Scarlett High	Overall Spatial Average	1.237 %	0.1232	0.477 %	0.0475	0.761 %
Fairview	Overall Spatial Average	1.174 %	0.1169	0.587 %	0.0585	0.587 %
Grant Macewan	Overall Spatial Average	1.726 %	0.1720	1.032 %	0.1028	0.694 %
James Fowler High	Overall Spatial Average	1.068 %	0.1063	0.818 %	0.0815	0.249 %
John Ware	Overall Spatial Average	1.115 %	0.1110	0.751 %	0.0748	0.363 %
Lester B. Pearson High	Overall Spatial Average	1.305 %	0.1300	0.399 %	0.0397	0.906 %
Marlborough	Overall Spatial Average	0.896 %	0.0892	0.400 %	0.0399	0.496 %
Olympic Heights	Overall Spatial Average	0.472 %	0.0470	0.598 %	0.0596	-0.127 %
Robert Thirsk High	Overall Spatial Average	0.870 %	0.0866	0.676 %	0.0674	0.194 %
Sam Livingston	Overall Spatial Average	1.303 %	0.1298	1.041 %	0.1037	0.262 %
Sherwood	Overall Spatial Average	0.932 %	0.0928	0.673 %	0.0671	0.258 %
Stanley Jones	Overall Spatial Average	1.904 %	0.1896	0.730 %	0.0727	1.174 %
Twelve Mile Coulee	Overall Spatial Average	0.578 %	0.0576	0.509 %	0.0506	0.069 %
Tom Baines	Overall Spatial Average	0.892 %	0.0888	0.978 %	0.0974	-0.086 %
Valley Creek	Overall Spatial Average	0.916 %	0.0912	0.954 %	0.0950	-0.038 %
Wildwood	Overall Spatial Average	0.454 %	0.0452	0.384 %	0.0383	0.070 %
Willow Park	Overall Spatial Average	0.449 %	0.0447	1.203 %	0.1198	-0.7542 %

Note: Measurements are % of Safety Code 6 limit in an uncontrolled environment
 Safety Code 6 Limit = 10 W/m² (uncontrolled)

A summary of the maximum spatial average, minimum spatial average and overall spatial average at each of the twenty-five schools is presented in a summary table included in Attachment A. The complete results for each school are presented in summary tables included in Attachments B1 to B25. Spatial average, maximum and minimum measurements are presented as a percentage of the allowable limits and in W/m².

The results relative to the Safety Code 6 in a controlled and uncontrolled environment are shown in the summary tables. A summary of the maximum spatial average measurements recorded at each of the twenty-five schools is summarized in Table 5 below.

TABLE 5:
 MAXIMUM OF THE SPATIAL AVERAGE RESULTS BY LOCATION

School	Sample ID	Wi-Fi Computer Network	% of Safety Code 6 Limits (uncontrolled environment)	Power Density (W/m ²)
Arbour Lake	AL 4	ON	1.755 %	0.1747
Acadia	A 9	ON	2.533 %	0.2523
Bridlewood	BW 6	ON	2.127 %	0.2118
Centennial High	CH 7	ON	3.728 %	0.3713
Colonel J. Fred Scott	CJ 7	ON	4.684 %	0.4665
Crescent Heights High	CH 6	ON	1.198 %	0.1193
Douglasdale	D 5	ON	1.559 %	0.1552
Dr. Gladys M. Egbert	DG 8	OFF	2.578 %	0.2568
Dr. E. P. Scarlett High	DS 12	ON	2.697 %	0.2686
Fairview	F 11	ON	1.821 %	0.1814
Grant Macewan	GM 12	ON	2.570 %	0.2560
James Fowler High	JF 13	OFF	2.615 %	0.2605
John Ware	JW 8	ON	2.299 %	0.2290
Lester B. Pearson High	LP 6	ON	2.136 %	0.2127
Marlborough	M 9	ON	1.385 %	0.1379
Olympic Heights	OH 9	OFF	1.065 %	0.1061
Robert Thirsk High	RT 4	ON	2.080 %	0.2072
Sam Livingston	SL 6	ON	2.236 %	0.2227
Sherwood	S 6	OFF	1.873 %	0.1866
Stanley Jones	SJ 12	ON	3.623 %	0.3609
Twelve Mile Coulee	TM 10	OFF	1.361 %	0.1356
Tom Baines	TB 4	ON	2.350 %	0.2341
Valley Creek	VC 8	ON	2.055 %	0.2047
Wildwood	W 2	ON	1.184 %	0.1179
Willow Park	WD 12	OFF	1.958 %	0.1950

Note: Measurements are % of Safety Code 6 limit in an uncontrolled environment
 Safety Code 6 Limit = 10 W/m² (uncontrolled)

7.0 Conclusion and Recommendations

A total of 375 different locations were measured at the twenty-five school buildings. All measurements were well below the Safety Code 6 limit of 10 W/m^2 (for frequency ranges between 1500 to 15000 MHz). On average, the RF measurements were higher when the Wi-Fi equipment was turned on compared to when it was turned off, which is expected.

Both the background RF levels (Wi-Fi network “off”) and the total RF levels (Wi-Fi network “on”) show values typical for residential areas of relatively low population density. Note that higher population density usually relates to higher RF activity, especially cell towers.

Based on the findings of this survey, the RF measurements in the areas tested are well within the limits set by Health Canada Safety Code 6. The need for further investigations has not been identified at this time.

8.0 Qualifications of the Reviewer

Dr. Natalia K. Nikolova, P.Eng. (ON), is a Professor at McMaster University, Hamilton. She has been a faculty member of the Department of Electrical and Computer Engineering in McMaster University since 1999 where she teaches courses related to electromagnetic fields and waves, antennas, and radio-frequency (RF) and microwave engineering. She supervises a large research team working on projects in microwave and antenna engineering, electromagnetic field theory and computational methods. She has consulted for more than 11 years in the areas of microwave antennas, radar imaging and detection, and electromagnetic high-frequency computer-aided design. She has been working on collaborative projects between McMaster University and industrial partners related to the RF hazard evaluation of mobile devices and radiation sources for the last seven years. Prof. Nikolova is a registered Professional Engineer in the province of Ontario and a Fellow of the Institute of Electrical and Electronic Engineers (IEEE).

9.0 References

- a) Health Canada. *Environmental Workplace and Health: Radiofrequency Fields*. Updated 2009-11-12. <<http://www.hc-sc.gc.ca/ewh-semt/radiation/cons/radiofreq/index-eng.php>>.
- b) Health Canada. *Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz* (Safety Code 6). 2009.
- c) Industry Canada. *Case Study: Measurements of Radio Frequency Exposure from Wi-Fi Devices*. May 2012.
- d) Occupational Health and Safety Act - Ministry of Labour (MOL).

10.0 Limitations

This report has been prepared for the sole benefit of the Calgary Board of Education and is intended to provide a Radiofrequency Electromagnetic Field Survey of the twenty-five school properties. The report may not be used by any other person or entity without the expressed written consent of the Calgary Board of Education and G2S Environmental Consulting Inc. (G2S). Any use which a third party makes of this report, or any reliance on decisions made based on it, is the responsibility of such third parties.

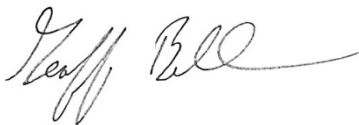
The findings in this report are limited to the conditions at the Site at the time of this investigation (November and December 2014) as well as information provided by the Site representatives as reported herein. Conclusions presented in this report should not be construed as legal advice.

If Site conditions or applicable standards change or if any additional information becomes available at a future date, changes to the findings, conclusions and recommendations in this report may be necessary.

11.0 Closing Remarks

We trust this report is satisfactory for your purposes. Should you have any questions, please do not hesitate to contact this office.

Yours truly,



Geoff Bell, P. Geo. (limited)
Senior Project Manager
G2S Environmental Consulting



Dr. N.K. Nikolova, Fellow IEEE, P.Eng.(ON)
Professor, Electrical Engineering
McMaster University

**Attachment A
Summary Table**

**SUMMARY TABLE:
MAXIMUM, MINIMUM AND AVERAGE
OF THE SPATIAL AVERAGE RESULTS BY LOCATION**

School	Wi-fi Network Status	Minimum Spatial Average			Maximum Spatial Average			Overall Spatial Average	
		ID	Power Density	% SC6	ID	Power Density	% SC6	Power Density	% SC6
Arbour Lake School	ON	AL 1	0.0010	0.0100%	AL 4	0.1747	1.755%	0.045	0.448%
	OFF	AL 1	0.0050	0.0500%	AL 5	0.0756	0.760%	0.040	0.403%
Acadia School	ON	A 10	0.0066	0.0665%	A 9	0.2523	2.533%	0.154	1.551%
	OFF	A 9	0.0507	0.5090%	A 4	0.1551	1.558%	0.117	1.170%
Bridlewood School	ON	BW 12	0.0045	0.0450%	BW 6	0.2118	2.127%	0.071	0.715%
	OFF	BW 1	0.0006	0.0065%	BW 5	0.1860	1.867%	0.070	0.699%
Centennial High School	ON	CH 10	0.0062	0.0620%	CH 7	0.3713	3.728%	0.130	1.303%
	OFF	CH 22	0.0003	0.0030%	CH 2	0.1761	1.769%	0.060	0.607%
Colonel J. Fred School School	ON	CJ 10	0.0154	0.1550%	CJ 7	0.4665	4.684%	0.172	1.725%
	OFF	CJ 1	0.0064	0.0645%	CJ 13	0.1333	1.339%	0.076	0.765%
Crescent Heights High School	ON	CHH 1	0.0130	0.1305%	CHH 6	0.1193	1.198%	0.044	0.445%
	OFF	CHH 21	0.0027	0.0275%	CHH 2	0.0925	0.929%	0.033	0.334%
Douglasdale School	ON	D 1	0.0073	0.0735%	D 5	0.1552	1.559%	0.070	0.700%
	OFF	D 1	0.0206	0.2065%	D 5	0.1042	1.046%	0.078	0.781%
Dr. Gladys M. Egbert School	ON	DG 1	0.0034	0.0340%	DG 6	0.1802	1.810%	0.118	1.184%
	OFF	DG 1	0.0130	0.1305%	DG 8	0.2568	2.578%	0.132	1.324%
Dr. E.P. Scarlett High School	ON	DS 1	0.0303	0.3040%	DS 12	0.2686	2.697%	0.123	1.237%
	OFF	DS 1	0.0045	0.0450%	DS 7	0.1719	1.726%	0.048	0.477%
Fairview School	ON	F 1	0.0231	0.2320%	F 11	0.1814	1.821%	0.117	1.174%
	OFF	F 1	0.0022	0.0225%	F 14	0.1210	1.215%	0.058	0.587%
Grant Macewan School	ON	GM 1	0.0041	0.0415%	GM 12	0.2560	2.570%	0.172	1.726%
	OFF	GM 1	0.0116	0.1160%	GM 9	0.1415	1.421%	0.103	1.032%
James Fowler High School	ON	JF 1	0.0003	0.0035%	JF 10	0.2259	2.268%	0.106	1.068%
	OFF	JF 19	0.0103	0.1035%	JF 13	0.2605	2.615%	0.081	0.818%
John Ware School	ON	JW 11	0.0253	0.2540%	JW 8	0.2290	2.299%	0.111	1.115%
	OFF	JW 2	0.0386	0.3880%	JW 11	0.1059	1.063%	0.075	0.751%
Lester B. Pearson High School	ON	LP 7	0.0263	0.2640%	LP 6	0.2127	2.136%	0.130	1.305%
	OFF	LP 2	0.0060	0.0605%	LP 11	0.0722	0.725%	0.040	0.399%
Marlborough School	ON	M 1	0.0218	0.2185%	M 9	0.1379	1.385%	0.089	0.896%
	OFF	M 6	0.0189	0.1900%	M 4	0.0680	0.683%	0.040	0.400%
Olympic Heights School	ON	OH 1	0.0038	0.0385%	OH 3	0.1019	1.023%	0.047	0.472%
	OFF	OH 1	0.0245	0.2455%	OH 9	0.1061	1.065%	0.060	0.598%
Robert Thirsk High School	ON	RT 1	0.0240	0.2410%	RT 4	0.2072	2.080%	0.087	0.870%
	OFF	RT 16	0.0237	0.2380%	RT 11	0.1286	1.292%	0.067	0.676%
Sam Livingston School	ON	SL 10	0.0239	0.2400%	SL 6	0.2227	2.236%	0.130	1.303%
	OFF	SL 1	0.0032	0.0320%	SL 9	0.1563	1.569%	0.104	1.041%
Sherwood School	ON	S 11	0.0258	0.2595%	S 5	0.1815	1.823%	0.093	0.932%
	OFF	S 2	0.0041	0.0415%	S 6	0.1866	1.873%	0.067	0.673%
Stanley Jones School	ON	SJ 1	0.0084	0.0840%	SJ 12	0.3609	3.623%	0.190	1.904%
	OFF	SJ 1	0.0163	0.1635%	SJ 4	0.1609	1.616%	0.073	0.730%
Twelve Mile Coulee School	ON	TM 1	0.0062	0.0620%	TM 20	0.1274	1.280%	0.058	0.578%
	OFF	TM 3	0.0064	0.0645%	TM 10	0.1356	1.361%	0.051	0.509%
Tom Baines School	ON	TB 5	0.0273	0.2740%	TB 4	0.2341	2.350%	0.089	0.892%
	OFF	TB 9	0.0008	0.0080%	TB 1	0.1476	1.482%	0.097	0.978%
Valley Creek School	ON	VC 1	0.0114	0.1145%	VC 8	0.2047	2.055%	0.091	0.916%
	OFF	VC 12	0.0335	0.3365%	VC 4	0.1575	1.582%	0.095	0.954%
Wildwood School	ON	W 6	0.0183	0.1840%	W 2	0.1179	1.184%	0.045	0.454%
	OFF	W 3	0.0096	0.0960%	W 7	0.0638	0.641%	0.038	0.384%
Willow Park School	ON	WP 1	0.0025	0.0255%	WP 4	0.1839	1.847%	0.045	0.449%
	OFF	WP 2	0.0549	0.5515%	WP 12	0.1950	1.958%	0.120	1.203%

Note:

Wi-Fi – Wi-Fi Computer Network

SA – Spatial Average

ID – Sample ID

Power Density Units- W/m²

Measurements are % of Safety Code 6 limits in an uncontrolled environment

Safety Code 6 Limit = 10 W/m² (uncontrolled)

**Attachment B1
Arbour Lake School**

Table 1: Field Measurements
Arbour Lake School

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
AL 1	Staff Room	1.2 - 2.1	SA	12:44	ON	0.0020	0.0100	0.0010
			Max			0.0711	0.3555	0.0354
			Min			0.0000	0.0000	0.0000
AL 1	Staff Room	1.2 - 2.1	SA	16:40	OFF	0.0100	0.0500	0.0050
			Max			0.2372	1.1860	0.1181
			Min			0.0000	0.0000	0.0000
AL 2	Room 178	1.5 - 2.4	SA	12:55	ON	0.1504	0.7520	0.0749
			Max			0.3345	1.6725	0.1666
			Min			0.0000	0.0000	0.0000
AL 2	Room 178	1.5 - 2.4	SA	16:47	OFF	0.0603	0.3015	0.0300
			Max			0.4628	2.3140	0.2305
			Min			0.0000	0.0000	0.0000
AL 3	Room 168	1.2 - 2.1	SA	13:02	ON	0.1978	0.9890	0.0985
			Max			0.4282	2.1410	0.2132
			Min			0.0254	0.1270	0.0126
AL 3	Room 168	1.2 - 2.1	SA	16:55	OFF	0.1068	0.5340	0.0532
			Max			0.3360	1.6800	0.1673
			Min			0.0000	0.0000	0.0000
AL 4	Hall outside room 168	1.2 - 2.1	SA	13:09	ON	0.3509	1.7545	0.1747
			Max			0.6733	3.3665	0.3353
			Min			0.1016	0.5080	0.0506
AL 4	Hall outside room 168	1.2 - 2.1	SA	17:10	OFF	0.0710	0.3550	0.0354
			Max			0.2575	1.2875	0.1282
			Min			0.0000	0.0000	0.0000
AL 5	Relocatable Classroom R4	1.2 - 2.1	SA	13:18	ON	0.0221	0.1105	0.0110
			Max			0.2698	1.3490	0.1344
			Min			0.0000	0.0000	0.0000
AL 5	Relocatable Classroom R4	1.2 - 2.1	SA	17:02	OFF	0.1519	0.7595	0.0756
			Max			0.8786	4.3930	0.4375
			Min			0.0000	0.0000	0.0000
AL 6	Library	1.2 - 2.1	SA	13:26	ON	0.0242	0.1210	0.0121
			Max			0.5537	2.7685	0.2757
			Min			0.0000	0.0000	0.0000
AL 6	Library	1.2 - 2.1	SA	17:17	OFF	0.0286	0.1430	0.0142
			Max			0.5876	2.9380	0.2926
			Min			0.0000	0.0000	0.0000
AL 7	Room 130	N/A	SA	13:34	ON	0.0283	0.1415	0.0141
			Max			0.1871	0.9355	0.0932
			Min			0.0000	0.0000	0.0000
AL 7	Room 130	N/A	SA	17:40	OFF	0.0534	0.2670	0.0266
			Max			0.3157	1.5785	0.1572
			Min			0.0000	0.0000	0.0000
AL 8	Room 118	1.2 - 2.1	SA	13:42	ON	0.0454	0.2270	0.0226
			Max			0.2102	1.0510	0.1047
			Min			0.0000	0.0000	0.0000
AL 8	Room 118	1.2 - 2.1	SA	17:29	OFF	0.0577	0.2885	0.0287
			Max			0.4051	2.0255	0.2017
			Min			0.0000	0.0000	0.0000
AL 9	Hall outside 121	1.2 - 2.1	SA	13:50	ON	0.0415	0.2075	0.0207
			Max			0.2107	1.0535	0.1049
			Min			0.0000	0.0000	0.0000
AL 9	Hall outside 121	1.2 - 2.1	SA	17:47	OFF	0.0855	0.4275	0.0426
			Max			0.5150	2.5750	0.2565
			Min			0.0000	0.0000	0.0000
AL 10	Room 204	1.2 - 2.1	SA	13:59	ON	0.0717	0.3585	0.0357
			Max			0.4366	2.1830	0.2174
			Min			0.0000	0.0000	0.0000
AL 10	Room 204	1.2 - 2.1	SA	18:06	OFF	0.1075	0.5375	0.0535
			Max			0.5062	2.5310	0.2521
			Min			0.0000	0.0000	0.0000
AL 11	Room 215	1.2 - 2.1	SA	14:09	ON	0.0654	0.3270	0.0326
			Max			0.3229	1.6145	0.1608
			Min			0.0000	0.0000	0.0000
AL 11	Room 215	1.2 - 2.1	SA	17:56	OFF	0.1225	0.6125	0.0610
			Max			0.5142	2.5710	0.2561
			Min			0.0000	0.0000	0.0000
AL 12	Room 224	1.2 - 2.1	SA	14:17	ON	0.0758	0.3790	0.0377
			Max			0.2246	1.1230	0.1119
			Min			0.0000	0.0000	0.0000
AL 12	Room 224	1.2 - 2.1	SA	18:13	OFF	0.1130	0.5650	0.0563
			Max			0.4459	2.2295	0.2221
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



Scale: AS SHOWN
 Project No.: G2S14600A
 Date: 15/01/15
 Drawn by: PH/GB
 File name: CBE.dwg




ARBOUR LAKE SCHOOL
 ADDITIONAL (NOT WI-FI) ELECTROMAGNETIC SOURCES
 CALGARY ALBERTA



Drawing No.
B1



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

**ARBOUR LAKE SCHOOL- FIRST FLOOR
 ELECTROMAGNETIC RADIATION (EMR) TESTING**

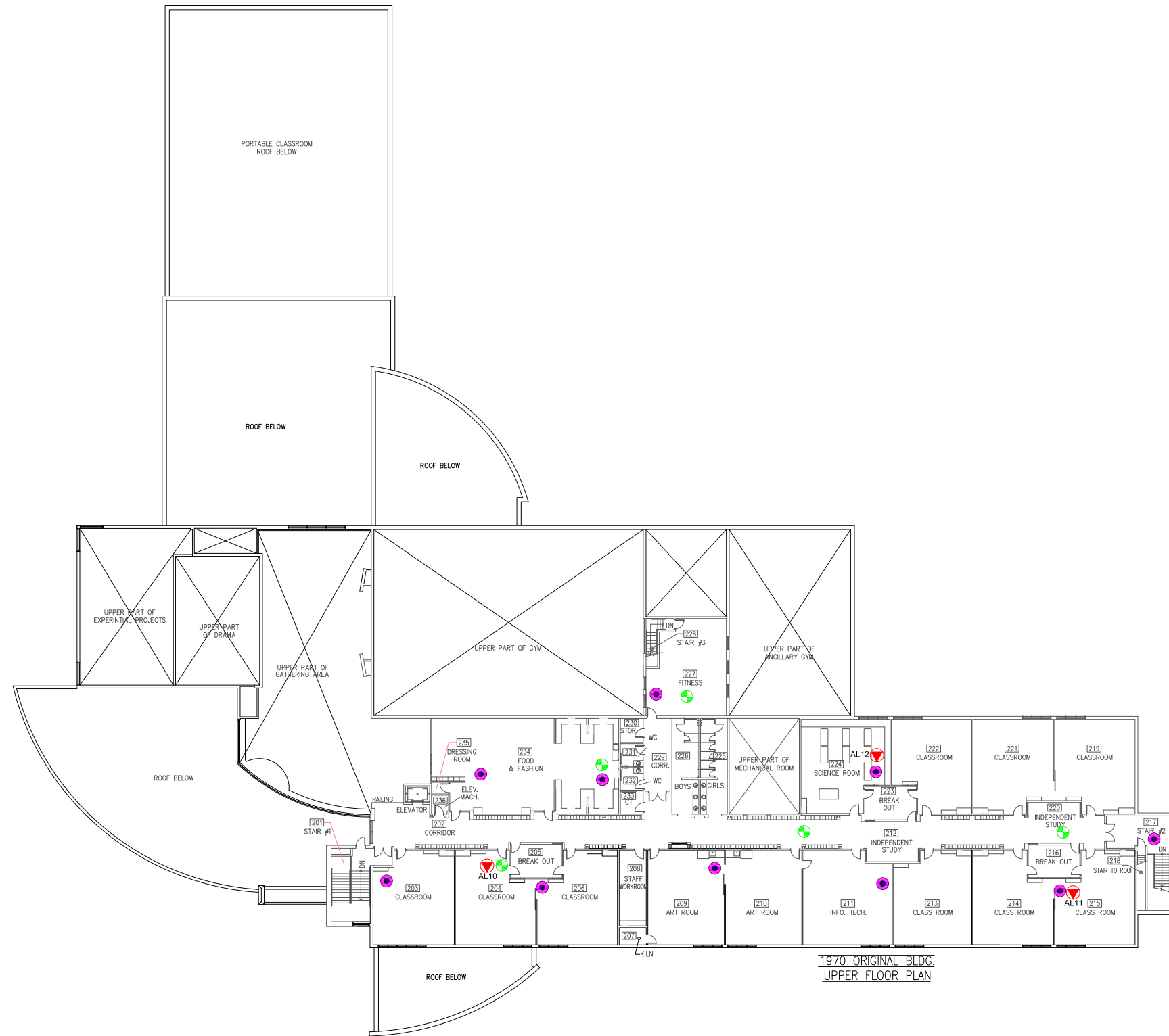
CALGARY

ALBERTA






Drawing No.

B1-1



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

ARBOUR LAKE SCHOOL- SECOND FLOOR
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



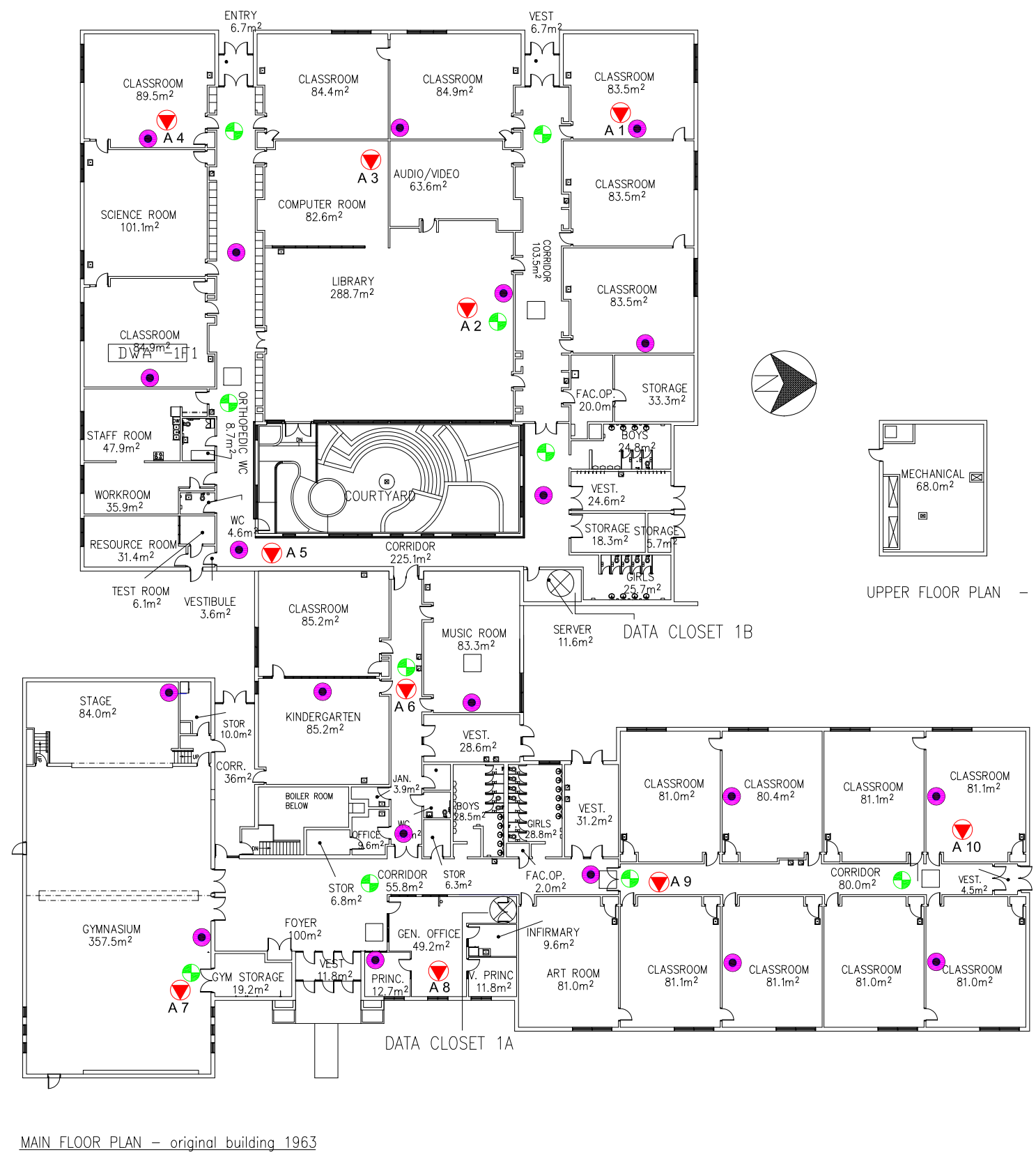
Drawing No.
B1-2

**Attachment B2
Acadia School**

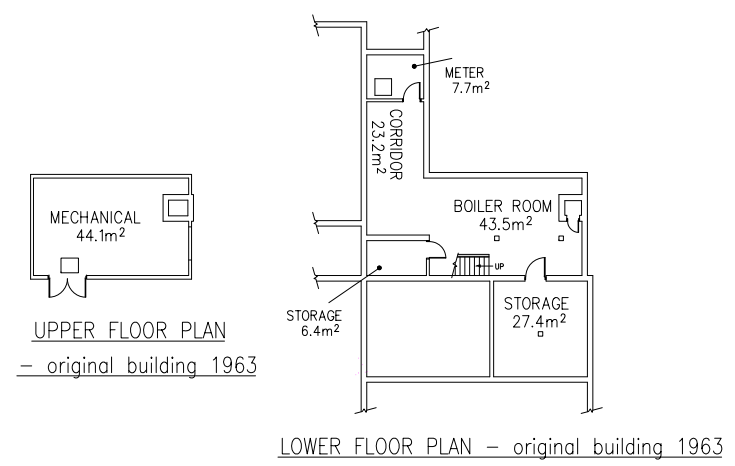
**Table 2: Field Measurements
Acadia School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
A 1	Room 19	1.5 - 2.4	SA	9:35	ON	0.0290	0.1450	0.0144
			Max			0.2267	1.1335	0.1129
			Min			0.0000	0.0000	0.0000
A 1	Room 19	1.5 - 2.4	SA	20:00	OFF	0.2182	1.0910	0.1087
			Max			0.9639	4.8195	0.4800
			Min			0.0000	0.0000	0.0000
A 2	Library	1.8 - 2.7	SA	9:43	ON	0.1219	0.6095	0.0607
			Max			0.8647	4.3235	0.4306
			Min			0.0000	0.0000	0.0000
A 2	Library	1.8 - 2.7	SA	19:52	OFF	0.2648	1.3240	0.1319
			Max			0.6743	3.3715	0.3358
			Min			0.0000	0.0000	0.0000
A 3	Room 16	N/A	SA	9:52	ON	0.2758	1.3790	0.1373
			Max			0.8088	4.0440	0.4028
			Min			0.0814	0.4070	0.0405
A 3	Room 16	N/A	SA	19:44	OFF	0.2778	1.3890	0.1383
			Max			0.6693	3.3465	0.3333
			Min			0.0355	0.1775	0.0177
A 4	Room 15	1.8 - 2.7	SA	10:00	ON	0.3881	1.9405	0.1933
			Max			0.6552	3.2760	0.3263
			Min			0.2056	1.0280	0.1024
A 4	Room 15	1.8 - 2.7	SA	19:36	OFF	0.3115	1.5575	0.1551
			Max			0.6232	3.1160	0.3104
			Min			0.1061	0.5305	0.0528
A 5	Hallway	0.3 - 1.2	SA	10:09	ON	0.4679	2.4395	0.2430
			Max			1.0300	5.1500	0.5129
			Min			0.1219	0.6095	0.0607
A 5	Hallway	0.3 - 1.2	SA	19:28	OFF	0.3098	1.5490	0.1543
			Max			0.5585	2.7925	0.2781
			Min			0.0668	0.3340	0.0333
A 6	Hallway outside Room 12	0.3 - 1.2	SA	10:16	ON	0.4265	2.1325	0.2124
			Max			0.7308	3.6540	0.3639
			Min			0.1948	0.9740	0.0970
A 6	Hallway outside Room 12	0.3 - 1.2	SA	19:20	OFF	0.3024	1.5120	0.1506
			Max			1.2070	6.0350	0.6011
			Min			0.0457	0.2285	0.0228
A 7	Gym	1.8 - 2.7	SA	10:24	ON	0.4662	2.3310	0.2322
			Max			0.6589	3.2945	0.3281
			Min			0.1948	0.9740	0.0970
A 7	Gym	1.8 - 2.7	SA	19:12	OFF	0.1999	0.9995	0.0996
			Max			0.5367	2.6835	0.2673
			Min			0.0051	0.0255	0.0025
A 8	Office	N/A	SA	10:32	ON	0.3857	1.9285	0.1921
			Max			1.0130	5.0650	0.5045
			Min			0.1219	0.6095	0.0607
A 8	Office	N/A	SA	18:48	OFF	0.2450	1.2250	0.1220
			Max			1.0550	5.2750	0.5254
			Min			0.0000	0.0000	0.0000
A 9	Hallway	0.3 - 1.2	SA	10:40	ON	0.5066	2.5330	0.2523
			Max			1.0780	5.3900	0.5368
			Min			0.1837	0.9185	0.0915
A 9	Hallway	0.3 - 1.2	SA	18:56	OFF	0.1018	0.5090	0.0507
			Max			0.2967	1.4835	0.1478
			Min			0.0000	0.0000	0.0000
A 10	Room 6	1.8 - 2.7	SA	10:47	ON	0.0133	0.0665	0.0066
			Max			0.8170	4.0850	0.4069
			Min			0.0000	0.0000	0.0000
A 10	Room 6	1.8 - 2.7	SA	19:04	OFF	0.1090	0.5450	0.0543
			Max			0.4583	2.2915	0.2282
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



UPPER FLOOR PLAN - 1967 additi



UPPER FLOOR PLAN - original building 1963

LOWER FLOOR PLAN - original building 1963

MAIN FLOOR PLAN - original building 1963

LEGEND	
	ACCESS POINT LOCATION
	DAS LOCATION
	SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

ACADIA ELEMENTARY SCHOOL
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



Drawing No.
B2

**Attachment B3
Bridlewood School**

Table 3: Field Measurements
Bridlewood School

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
BW 1	Staff Room	N/A	SA	12:37	ON	0.0107	0.0535	0.0053
			Max			0.1317	0.6585	0.0656
			Min			0.0000	0.0000	0.0000
BW 1	Staff Room	N/A	SA	16:22	OFF	0.0013	0.0065	0.0006
			Max			0.0609	0.3045	0.0303
			Min			0.0000	0.0000	0.0000
BW 2	Library	1.2 - 2.1	SA	12:45	ON	0.0792	0.3960	0.0394
			Max			0.3088	1.5440	0.1538
			Min			0.0000	0.0000	0.0000
BW 2	Library	1.2 - 2.1	SA	16:30	OFF	0.0484	0.2420	0.0241
			Max			0.2261	1.1305	0.1126
			Min			0.0000	0.0000	0.0000
BW 3	Room 058	1.2 - 2.1	SA	12:54	ON	0.1871	0.9355	0.0932
			Max			0.3806	1.9030	0.1895
			Min			0.0711	0.3555	0.0354
BW 3	Room 058	1.2 - 2.1	SA	16:38	OFF	0.1436	0.7180	0.0715
			Max			0.2965	1.4825	0.1477
			Min			0.0102	0.0510	0.0051
BW 4	Room 52	1.2 - 2.1	SA	13:02	ON	0.2999	1.4995	0.1494
			Max			0.4998	2.4990	0.2489
			Min			0.1321	0.6605	0.0658
BW 4	Room 52	1.2 - 2.1	SA	16:47	OFF	0.2434	1.2170	0.1212
			Max			0.4320	2.1600	0.2151
			Min			0.0711	0.3555	0.0354
BW 5	Room 77	0.9 - 1.8	SA	13:10	ON	0.4245	2.1225	0.2114
			Max			0.6097	3.0485	0.3036
			Min			0.2731	1.3655	0.1360
BW 5	Room 77	0.9 - 1.8	SA	16:55	OFF	0.3734	1.8670	0.1860
			Max			0.5670	2.8350	0.2824
			Min			0.1684	0.8420	0.0839
BW 6	Room 82	0.9 - 1.8	SA	13:19	ON	0.4254	2.1270	0.2118
			Max			0.6040	3.0200	0.3008
			Min			0.2848	1.4240	0.1418
BW 6	Room 82	0.9 - 1.8	SA	17:03	OFF	0.1278	0.6390	0.0636
			Max			0.3774	1.8870	0.1879
			Min			0.0000	0.0000	0.0000
BW 7	Hallway outside room 35	1.2 - 2.1	SA	13:29	ON	0.0517	0.2585	0.0257
			Max			0.2490	1.2450	0.1240
			Min			0.0000	0.0000	0.0000
BW 7	Hallway outside room 35	1.2 - 2.1	SA	17:12	OFF	0.0909	0.4545	0.0453
			Max			0.3507	1.7535	0.1746
			Min			0.0000	0.0000	0.0000
BW 8	Hallway outside room 70	0.9 - 1.8	SA	13:37	ON	0.1400	0.7000	0.0697
			Max			0.3604	1.8020	0.1795
			Min			0.0000	0.0000	0.0000
BW 8	Hallway outside room 70	0.9 - 1.8	SA	17:27	OFF	0.1692	0.8460	0.0843
			Max			0.5231	2.6155	0.2605
			Min			0.0000	0.0000	0.0000
BW 9	Room 70	0.9 - 1.8	SA	13:45	ON	0.0902	0.4510	0.0449
			Max			0.3145	1.5725	0.1566
			Min			0.0000	0.0000	0.0000
BW 9	Room 70	0.9 - 1.8	SA	17:34	OFF	0.1288	0.6440	0.0641
			Max			0.3761	1.8805	0.1873
			Min			0.0000	0.0000	0.0000
BW 10	Room 75	0.9 - 1.8	SA	13:54	ON	0.0734	0.3670	0.0366
			Max			0.2883	1.4415	0.1436
			Min			0.0000	0.0000	0.0000
BW 10	Room 75	0.9 - 1.8	SA	17:19	OFF	0.1009	0.5045	0.0502
			Max			0.2428	1.2140	0.1209
			Min			0.0000	0.0000	0.0000
BW 11	Room 74	0.9 - 1.8	SA	14:02	ON	0.0487	0.2435	0.0243
			Max			0.2031	1.0155	0.1011
			Min			0.0000	0.0000	0.0000
BW 11	Room 74	0.9 - 1.8	SA	17:42	OFF	0.0653	0.3265	0.0325
			Max			0.2908	1.4540	0.1448
			Min			0.0000	0.0000	0.0000
BW 12	Room 1 and 2	1.2 - 2.1	SA	14:12	ON	0.0090	0.0450	0.0045
			Max			0.1337	0.6685	0.0666
			Min			0.0000	0.0000	0.0000
BW 12	Room 1 and 2	1.2 - 2.1	SA	17:49	OFF	0.1388	0.6940	0.0691
			Max			0.3242	1.6210	0.1615
			Min			0.0000	0.0000	0.0000
BW 13	Room 3 and 4	1.2 - 2.1	SA	14:21	ON	0.0182	0.0910	0.0091
			Max			0.1659	0.8295	0.0826
			Min			0.0000	0.0000	0.0000
BW 13	Room 3 and 4	1.2 - 2.1	SA	17:57	OFF	0.1843	0.9215	0.0918
			Max			0.3622	1.8110	0.1804
			Min			0.0000	0.0000	0.0000



AP = Access Point
SA = Spatial Average
Max = Maximum

Min = Minimum



2010 ORIGINAL BLDG
MAIN FLOOR PLAN

LEGEND

-  ACCESS POINT LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

BRIDLEWOOD SCHOOL
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



Drawing No.

B3

**Attachment B4
Centennial High School**

**Table 4: Field Measurements
Centennial High School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
CH 1	Library	1.2 - 2.1	SA	9:43	ON	0.0932	0.4660	0.0464
			Max			0.2184	1.0920	0.1088
			Min			0.0000	0.0000	0.0000
CH 1	Library	1.2 - 2.1	SA	19:00	OFF	0.0486	0.2430	0.0242
			Max			0.2555	1.2775	0.1272
			Min			0.0000	0.0000	0.0000
CH 2	Room 238	1.2 - 2.1	SA	9:52	ON	0.1947	0.9735	0.0970
			Max			0.4288	2.1440	0.2135
			Min			0.0508	0.2540	0.0253
CH 2	Room 238	1.2 - 2.1	SA	17:16	OFF	0.3537	1.7685	0.1761
			Max			0.5008	2.5040	0.2494
			Min			0.1524	0.7620	0.0759
CH 3	Weight Room	1.2 - 2.1	SA	10:00	ON	0.4208	2.1040	0.2096
			Max			0.6382	3.1910	0.3178
			Min			0.2091	1.0455	0.1041
CH 3	Weight Room	1.2 - 2.1	SA	17:24	OFF	0.0897	0.4485	0.0447
			Max			0.2824	1.4120	0.1406
			Min			0.0000	0.0000	0.0000
CH 4	Room E205	1.2 - 2.1	SA	10:10	ON	0.5268	2.6340	0.2623
			Max			0.9016	4.5080	0.4490
			Min			0.2222	1.1110	0.1107
CH 4	Room E205	1.2 - 2.1	SA	17:46	OFF	0.0781	0.3905	0.0389
			Max			0.9309	4.6545	0.4636
			Min			0.0000	0.0000	0.0000
CH 5	Hallway outside Room E201	1.2 - 2.1	SA	10:18	ON	0.6477	3.2385	0.3226
			Max			0.9737	4.8685	0.4849
			Min			0.4564	2.2820	0.2273
CH 5	Hallway outside Room E201	1.2 - 2.1	SA	17:39	OFF	0.1009	0.5045	0.0502
			Max			1.1140	5.5700	0.5548
			Min			0.0000	0.0000	0.0000
CH 6	Room E200	N/A	SA	10:26	ON	0.7188	3.5940	0.3580
			Max			0.9060	4.5300	0.4512
			Min			0.5256	2.6280	0.2617
CH 6	Room E200	N/A	SA	17:55	OFF	0.1068	0.5340	0.0532
			Max			0.6654	3.3270	0.3314
			Min			0.0000	0.0000	0.0000
CH 7	Room T211	1.2 - 2.1	SA	10:33	ON	0.7456	3.7280	0.3713
			Max			0.9249	4.6245	0.4606
			Min			0.5824	2.9120	0.2900
CH 7	Room T211	1.2 - 2.1	SA	18:16	OFF	0.0277	0.1385	0.0138
			Max			0.9380	4.6900	0.4671
			Min			0.0000	0.0000	0.0000
CH 8	Staff Prep. Room	1.2 - 2.1	SA	10:44	ON	0.6597	3.2985	0.3285
			Max			0.9140	4.5700	0.4552
			Min			0.4003	2.0015	0.1993
CH 8	Staff Prep. Room	1.2 - 2.1	SA	18:17	OFF	0.0211	0.1055	0.0105
			Max			0.4062	2.0310	0.2023
			Min			0.0000	0.0000	0.0000
CH 9	Hall outside P221	1.2 - 2.1	SA	10:53	ON	0.6311	3.1555	0.3143
			Max			0.8820	4.4100	0.4392
			Min			0.4375	2.1875	0.2179
CH 9	Hall outside P221	1.2 - 2.1	SA	18:25	OFF	0.0490	0.2450	0.0244
			Max			0.2758	1.3790	0.1373
			Min			0.0000	0.0000	0.0000
CH 10	Room P 228	1.2 - 2.1	SA	11:01	ON	0.0124	0.0620	0.0062
			Max			0.1512	0.7560	0.0753
			Min			0.0000	0.0000	0.0000
CH 10	Room P 228	1.2 - 2.1	SA	18:33	OFF	0.0227	0.1135	0.0113
			Max			0.4023	2.0115	0.2003
			Min			0.0000	0.0000	0.0000
CH 11	Hall outside Career Centre	1.2 - 2.1	SA	11:09	ON	0.0854	0.4270	0.0425
			Max			0.2880	1.4400	0.1434
			Min			0.0000	0.0000	0.0000
CH 11	Hall outside Career Centre	1.2 - 2.1	SA	18:41	OFF	0.0224	0.1120	0.0112
			Max			0.5111	2.5555	0.2545
			Min			0.0000	0.0000	0.0000
CH 12	Room AC232	1.2 - 2.1	SA	11:18	ON	0.0672	0.3360	0.0335
			Max			0.2297	1.1485	0.1144
			Min			0.0000	0.0000	0.0000
CH 12	Room AC232	1.2 - 2.1	SA	18:49	OFF	0.0670	0.3350	0.0334
			Max			1.4410	7.2050	0.7176
			Min			0.0000	0.0000	0.0000
CH 13	Cafeteria	1.2 - 2.1	SA	11:33	ON	0.1276	0.6380	0.0635
			Max			0.3293	1.6465	0.1640
			Min			0.0000	0.0000	0.0000
CH 13	Cafeteria	1.2 - 2.1	SA	16:19	OFF	0.1478	0.7390	0.0736
			Max			0.3211	1.6055	0.1599
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
CH 14	Hall outside Com. Tech. Room	1.2 - 2.1	SA	11:41	ON	0.1112	0.5560	0.0554
			Max			0.2857	1.4285	0.1423
			Min			0.0000	0.0000	0.0000
CH 14	Hall outside Com. Tech. Room	1.2 - 2.1	SA	16:55	OFF	0.3426	1.7130	0.1706
			Max			0.5503	2.7515	0.2740
			Min			0.0508	0.2540	0.0253
CH 15	Multipurpose Room	1.8 - 2.7	SA	11:50	ON	0.0909	0.4545	0.0453
			Max			0.3070	1.5350	0.1529
			Min			0.0000	0.0000	0.0000
CH 15	Multipurpose Room	1.8 - 2.7	SA	17:03	OFF	0.3305	1.6525	0.1646
			Max			0.5443	2.7215	0.2711
			Min			0.1676	0.8380	0.0835
CH 16	Room P124	1.2 - 2.1	SA	12:00	ON	0.0982	0.4910	0.0489
			Max			0.2916	1.4580	0.1452
			Min			0.0000	0.0000	0.0000
CH 16	Room P124	1.2 - 2.1	SA	16:37	OFF	0.1654	0.8270	0.0824
			Max			0.3598	1.7990	0.1792
			Min			0.0305	0.1525	0.0152
CH 17	Room P127	N/A	SA	12:09	ON	0.1423	0.7115	0.0709
			Max			0.5008	2.5040	0.2494
			Min			0.0000	0.0000	0.0000
CH 17	Room P127	N/A	SA	16:46	OFF	0.3003	1.5015	0.1495
			Max			0.6025	3.0125	0.3000
			Min			0.1117	0.5585	0.0556
CH 18	Room T111	1.2 - 2.1	SA	12:18	ON	0.0904	0.4520	0.0450
			Max			0.2968	1.4840	0.1478
			Min			0.0000	0.0000	0.0000
CH 18	Room T111	1.2 - 2.1	SA	16:27	OFF	0.1030	0.5150	0.0513
			Max			0.2834	1.4170	0.1411
			Min			0.0000	0.0000	0.0000
CH 19	Hall outside E101	1.2 - 2.1	SA	12:26	ON	0.0692	0.3460	0.0345
			Max			0.3325	1.6625	0.1656
			Min			0.0000	0.0000	0.0000
CH 19	Hall outside E101	1.2 - 2.1	SA	16:03	OFF	0.0462	0.2310	0.0230
			Max			0.7114	3.5570	0.3543
			Min			0.0000	0.0000	0.0000
CH 20	Commercial Foods Room	1.2 - 2.1	SA	12:34	ON	0.1066	0.5330	0.0531
			Max			0.2837	1.4185	0.1413
			Min			0.0000	0.0000	0.0000
CH 20	Commercial Foods Room	1.2 - 2.1	SA	16:11	OFF	0.0939	0.4695	0.0468
			Max			0.3037	1.5185	0.1512
			Min			0.0000	0.0000	0.0000
CH 21	Construction Technology	1.8 - 2.7	SA	12:44	ON	0.1034	0.5170	0.0515
			Max			0.2798	1.3990	0.1393
			Min			0.0000	0.0000	0.0000
CH 21	Construction Technology	1.8 - 2.7	SA	15:55	OFF	0.2005	1.0025	0.0998
			Max			0.5504	2.7520	0.2741
			Min			0.0406	0.2030	0.0202
CH 22	Office	1.2 - 2.1	SA	12:52	ON	0.1235	0.6175	0.0615
			Max			0.6849	3.4245	0.3411
			Min			0.0000	0.0000	0.0000
CH 22	Office	1.2 - 2.1	SA	15:39	OFF	0.0006	0.0030	0.0003
			Max			0.0508	0.2540	0.0253
			Min			0.0000	0.0000	0.0000
CH 23	Hallway outside Gym	1.2 - 2.1	SA	12:59	ON	0.1269	0.6345	0.0632
			Max			0.2883	1.4415	0.1436
			Min			0.0000	0.0000	0.0000
CH 23	Hallway outside Gym	1.2 - 2.1	SA	15:47	OFF	0.0726	0.3630	0.0362
			Max			0.3090	1.5450	0.1539
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



Scale: AS SHOWN
 Project No.: G2S14600A
 Date: 15/01/15
 Drawn by: PH/GB
 File name: CBE.dwg

CENTENNIAL HIGH SCHOOL

ADDITIONAL (NOT WI-FI) ELECTROMAGNETIC SOURCES




CALGARY ALBERTA



Drawing No.
B4



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg




**CENTENNIAL HIGH SCHOOL- FIRST FLOOR
 ELECTROMAGNETIC RADIATION (EMR) TESTING**
 CALGARY ALBERTA



Drawing No.
B4-1



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

CENTENNIAL HIGH SCHOOL- SECOND FLOOR
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



Drawing No.
B4-2

Attachment B5
Colonel J. Fred Scott

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
CJ 1	Office	N/A	SA	12:37	ON	0.0535	0.2675	0.0266
			Max			0.1778	0.8890	0.0885
			Min			0.0000	0.0000	0.0000
CJ 1	Office	N/A	SA	16:39	OFF	0.0129	0.0645	0.0064
			Max			0.1638	0.8190	0.0816
			Min			0.0000	0.0000	0.0000
CJ 2	Staff Room	N/A	SA	12:47	ON	0.2534	1.2670	0.1262
			Max			0.5081	2.5405	0.2530
			Min			0.0603	0.3015	0.0300
CJ 2	Staff Room	N/A	SA	16:47	OFF	0.0861	0.4305	0.0429
			Max			0.2765	1.3825	0.1377
			Min			0.0000	0.0000	0.0000
CJ 3	Room 2	N/A	SA	12:56	ON	0.5070	2.5350	0.2525
			Max			0.7147	3.5735	0.3559
			Min			0.2777	1.3885	0.1383
CJ 3	Room 2	N/A	SA	16:56	OFF	0.1594	0.7970	0.0794
			Max			0.3773	1.8865	0.1879
			Min			0.0000	0.0000	0.0000
CJ 4	Library	0.3 - 0.9	SA	13:05	ON	0.6458	3.2290	0.3216
			Max			0.8572	4.2860	0.4269
			Min			0.3701	1.8505	0.1843
CJ 4	Library	0.3 - 0.9	SA	17:04	OFF	0.0539	0.2695	0.0268
			Max			0.2408	1.2040	0.1199
			Min			0.0000	0.0000	0.0000
CJ 5	Classroom 4/5	0.6 - 1.5	SA	13:14	ON	0.6537	3.2685	0.3255
			Max			1.1470	5.7350	0.5712
			Min			0.1829	0.9145	0.0911
CJ 5	Classroom 4/5	0.6 - 1.5	SA	17:12	OFF	0.0593	0.2965	0.0295
			Max			0.2698	1.3490	0.1344
			Min			0.0000	0.0000	0.0000
CJ 6	Classroom 7/8	N/A	SA	13:23	ON	0.8171	4.0855	0.4069
			Max			1.0390	5.1950	0.5174
			Min			0.6469	3.2345	0.3222
CJ 6	Classroom 7/8	N/A	SA	17:21	OFF	0.1234	0.6170	0.0615
			Max			0.3370	1.6850	0.1678
			Min			0.0000	0.0000	0.0000
CJ 7	Classroom 12/14	N/A	SA	13:32	ON	0.9367	4.6835	0.4665
			Max			1.1340	5.6700	0.5647
			Min			0.7815	3.9075	0.3892
CJ 7	Classroom 12/14	N/A	SA	17:30	OFF	0.1872	0.9360	0.0932
			Max			0.3701	1.8505	0.1843
			Min			0.0051	0.0255	0.0025
CJ 8	Classroom 9	N/A	SA	13:42	ON	0.0614	0.3070	0.0306
			Max			0.2228	1.1140	0.1110
			Min			0.0000	0.0000	0.0000
CJ 8	Classroom 9	N/A	SA	17:38	OFF	0.1575	0.7875	0.0784
			Max			0.3365	1.6825	0.1676
			Min			0.0102	0.0510	0.0051
CJ 9	Hall outside room 10	0.6 - 1.5	SA	13:50	ON	0.0544	0.2720	0.0271
			Max			0.2752	1.3760	0.1370
			Min			0.0000	0.0000	0.0000
CJ 9	Hall outside room 10	0.6 - 1.5	SA	17:45	OFF	0.2387	1.1935	0.1189
			Max			0.4127	2.0635	0.2055
			Min			0.0421	0.2105	0.0210
CJ 10	Room 11/12	N/A	SA	13:58	ON	0.0310	0.1550	0.0154
			Max			0.2868	1.4340	0.1428
			Min			0.0000	0.0000	0.0000
CJ 10	Room 11/12	N/A	SA	17:53	OFF	0.2279	1.1395	0.1135
			Max			0.4209	2.1045	0.2096
			Min			0.0609	0.3045	0.0303
CJ 11	Room 16	N/A	SA	14:08	ON	0.1158	0.5790	0.0577
			Max			0.3473	1.7365	0.1730
			Min			0.0000	0.0000	0.0000
CJ 11	Room 16	N/A	SA	18:01	OFF	0.2014	1.0070	0.1003
			Max			0.3596	1.7980	0.1791
			Min			0.0603	0.3015	0.0300
CJ 12	Hall outside Infirmary	0.6 - 1.5	SA	14:16	ON	0.1749	0.8745	0.0871
			Max			0.4162	2.0810	0.2073
			Min			0.0056	0.0280	0.0028
CJ 12	Hall outside Infirmary	0.6 - 1.5	SA	18:08	OFF	0.2143	1.0715	0.1067
			Max			0.7434	3.7170	0.3702
			Min			0.1012	0.0510	0.0051
CJ 13	Classroom 17/18	4.6 - 6.1	SA	14:25	ON	0.1799	0.8995	0.0896
			Max			0.4126	2.0630	0.2055
			Min			0.0000	0.0000	0.0000
CJ 13	Classroom 17/18	4.6 - 6.1	SA	18:16	OFF	0.2677	1.3385	0.1333
			Max			0.9524	4.7620	0.4743
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



Scale: AS SHOWN
 Project No.: G2S14600A
 Date: 15/01/15
 Drawn by: PH/GB
 File name: CBE.dwg




COLONEL J. FRED SCOTT SCHOOL
 ADDITIONAL (NOT WI-FI) ELECTROMAGNETIC SOURCES
 CALGARY ALBERTA



Drawing No.
B5



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

COLONEL J. FRED SCOTT
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



Drawing No. **B5**

**Attachment B6
Crescent Heights High School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
CHH 1	Office	1.2 - 2.1	SA	11:11	ON	0.0261	0.1305	0.0130
			Max			0.1746	0.8730	0.0870
			Min			0.0000	0.0000	0.0000
CHH 1	Office	1.2 - 2.1	SA	16:48	OFF	0.0714	0.3570	0.0356
			Max			0.2662	1.3310	0.1326
			Min			0.0000	0.0000	0.0000
CHH 2	Staff Room	1.5 - 2.4	SA	11:22	ON	0.1084	0.5420	0.0540
			Max			0.2793	1.3965	0.1391
			Min			0.0000	0.0000	0.0000
CHH 2	Staff Room	1.5 - 2.4	SA	16:56	OFF	0.1858	0.9290	0.0925
			Max			0.4072	2.0360	0.2028
			Min			0.0000	0.0000	0.0000
CHH 3	Room 162	1.5 - 2.4	SA	11:30	ON	0.1405	0.7025	0.0700
			Max			0.2901	1.4505	0.1445
			Min			0.0000	0.0000	0.0000
CHH 3	Room 162	1.5 - 2.4	SA	17:04	OFF	0.0120	0.0600	0.0060
			Max			0.2031	1.0155	0.1011
			Min			0.0000	0.0000	0.0000
CHH 4	Science Room	1.5 - 2.4	SA	11:41	ON	0.2070	1.0350	0.1031
			Max			0.3846	1.9230	0.1915
			Min			0.0370	0.1850	0.0184
CHH 4	Science Room	1.5 - 2.4	SA	18:21	OFF	0.0370	0.1850	0.0184
			Max			0.2328	1.1640	0.1159
			Min			0.0000	0.0000	0.0000
CHH 5	Cafeteria	0.9 - 1.8	SA	11:56	ON	0.2136	1.0680	0.1064
			Max			0.4690	2.3450	0.2336
			Min			0.0262	0.1310	0.0130
CHH 5	Cafeteria	0.9 - 1.8	SA	17:13	OFF	0.0098	0.0490	0.0049
			Max			0.2947	1.4735	0.1468
			Min			0.0000	0.0000	0.0000
CHH 6	Room 145	3.6 - 4.6	SA	12:05	ON	0.2396	1.1980	0.1193
			Max			0.4153	2.0765	0.2068
			Min			0.0639	0.3195	0.0318
CHH 6	Room 145	3.6 - 4.6	SA	17:47	OFF	0.0627	0.3135	0.0312
			Max			0.4705	2.3525	0.2343
			Min			0.0000	0.0000	0.0000
CHH7	Room 154	1.2 - 2.1	SA	12:13	ON	0.0490	0.2450	0.0244
			Max			0.5766	2.8830	0.2871
			Min			0.0000	0.0000	0.0000
CHH 7	Room 154	1.2 - 2.1	SA	17:56	OFF	0.1105	0.5525	0.0550
			Max			0.4970	2.4850	0.2475
			Min			0.0000	0.0000	0.0000
CHH 8	Room 158	N/A	SA	12:21	ON	0.1197	0.5985	0.0596
			Max			0.3997	1.9985	0.1991
			Min			0.0000	0.0000	0.0000
CHH 8	Room 158	N/A	SA	18:05	OFF	0.1244	0.6220	0.0620
			Max			0.4650	2.3250	0.2316
			Min			0.0000	0.0000	0.0000
CHH 9	Hall outside stair J	1.5 - 2.4	SA	12:31	ON	0.0310	0.1550	0.0154
			Max			0.4492	2.2460	0.2237
			Min			0.0000	0.0000	0.0000
CHH 9	Hall outside stair J	1.5 - 2.4	SA	17:29	OFF	0.0234	0.1170	0.0117
			Max			0.3669	1.8345	0.1827
			Min			0.0000	0.0000	0.0000
CHH 10	Room 127	1.8 - 2.7	SA	12:39	ON	0.0340	0.1700	0.0169
			Max			0.2241	1.1205	0.1116
			Min			0.0000	0.0000	0.0000
CHH 10	Room 127	1.8 - 2.7	SA	17:37	OFF	0.0290	0.1450	0.0144
			Max			0.4295	2.1475	0.2139
			Min			0.0000	0.0000	0.0000

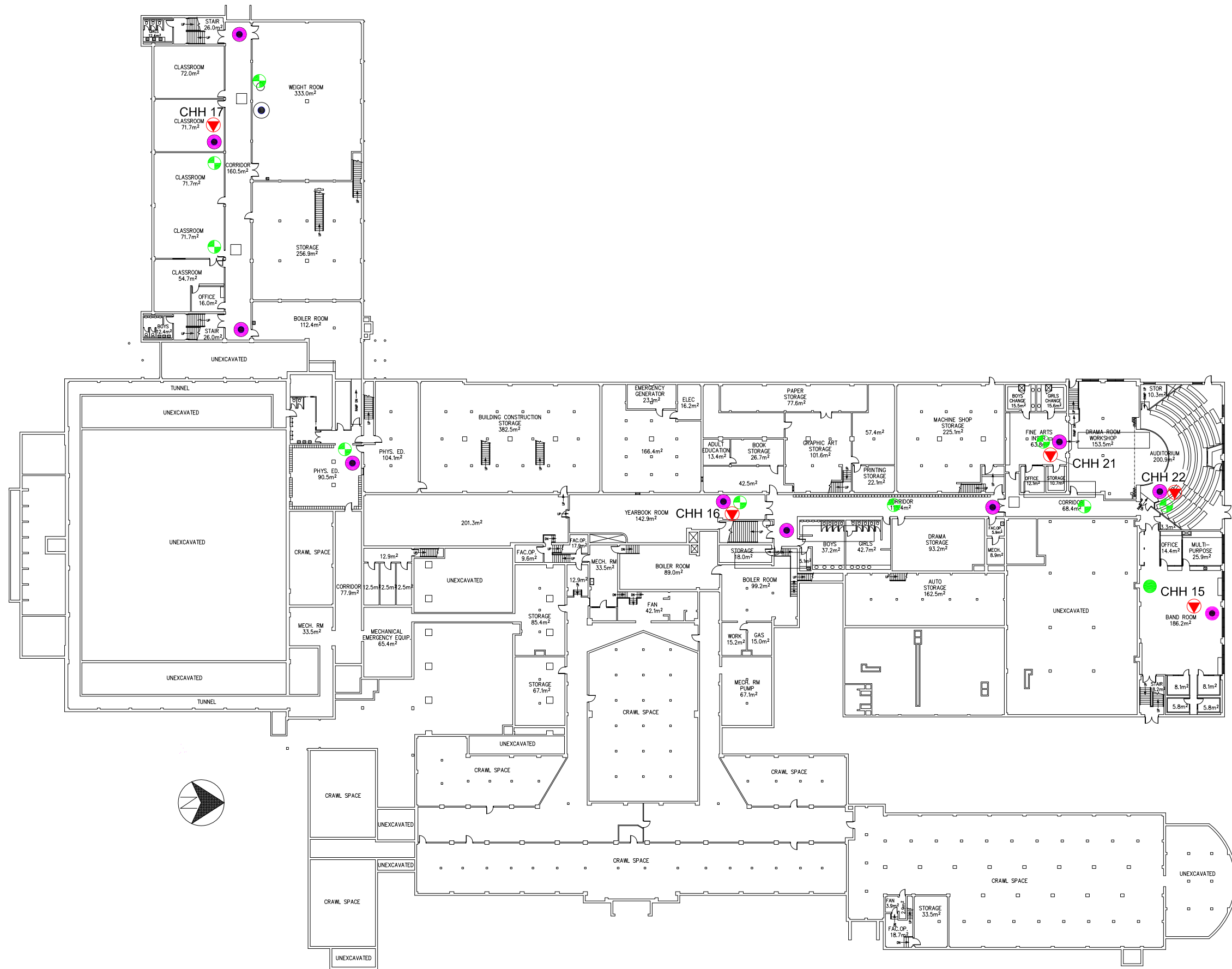
AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
CHH 11	Room 211	1.8 - 2.7	SA	12:49	ON	0.0519	0.2595	0.0258
			Max			0.2262	1.1310	0.1126
			Min			0.0000	0.0000	0.0000
CHH 11	Room 211	1.8 - 2.7	SA	18:47	OFF	0.0804	0.4020	0.0400
			Max			0.6180	3.0900	0.3078
			Min			0.0000	0.0000	0.0000
CHH 12	Room 215	N/A	SA	12:57	ON	0.0418	0.2090	0.0208
			Max			0.2806	1.4030	0.1397
			Min			0.0000	0.0000	0.0000
CHH 12	Room 215	N/A	SA	18:32	OFF	0.0766	0.3830	0.0381
			Max			0.5173	2.5865	0.2576
			Min			0.0000	0.0000	0.0000
CHH 13	Room 234	1.2 - 2.4	SA	13:08	ON	0.0711	0.3555	0.0354
			Max			0.2657	1.3285	0.1323
			Min			0.0000	0.0000	0.0000
CHH 13	Room 234	1.2 - 2.4	SA	18:23	OFF	0.0972	0.4860	0.0484
			Max			0.3473	1.7365	0.1730
			Min			0.0000	0.0000	0.0000
CHH 14	Room 228	1.2 - 2.4	SA	11:17	ON	0.0357	0.1785	0.0178
			Max			0.4547	2.2735	0.2264
			Min			0.0000	0.0000	0.0000
CHH 14	Room 228	1.2 - 2.4	SA	18:14	OFF	0.0713	0.3565	0.0355
			Max			0.6099	3.0495	0.3037
			Min			0.0000	0.0000	0.0000
CHH 15	Room 418	1.8 - 2.7	SA	13:28	ON	0.0810	0.4050	0.0403
			Max			0.3253	1.6265	0.1620
			Min			0.0000	0.0000	0.0000
CHH 15	Room 418	1.8 - 2.7	SA	19:54	OFF	0.0581	0.2905	0.0289
			Max			0.4657	2.3285	0.2319
			Min			0.0000	0.0000	0.0000
CHH 16	Hall outside sprinkler room	0.3 - 1.2	SA	13:38	ON	0.0996	0.4980	0.0496
			Max			0.3145	1.5725	0.1566
			Min			0.0000	0.0000	0.0000
CHH 16	Hall outside sprinkler room	0.3 - 1.2	SA	19:45	OFF	0.0352	0.1760	0.0175
			Max			0.3342	1.6710	0.1664
			Min			0.0000	0.0000	0.0000
CHH 17	Room 406	1.8 - 2.7	SA	13:52	ON	0.0327	0.1635	0.0163
			Max			0.2097	1.0485	0.1044
			Min			0.0000	0.0000	0.0000
CHH 17	Room 406	1.8 - 2.7	SA	19:14	OFF	0.0932	0.4660	0.0464
			Max			0.6350	3.1750	0.3162
			Min			0.0000	0.0000	0.0000
CHH 18	Room 312	2.7 - 3.6	SA	14:03	ON	0.0998	0.4990	0.0497
			Max			0.2817	1.4085	0.1403
			Min			0.0000	0.0000	0.0000
CHH 18	Room 312	2.7 - 3.6	SA	18:57	OFF	0.1397	0.6985	0.0696
			Max			1.0870	5.4350	0.5413
			Min			0.0000	0.0000	0.0000
CHH 19	Room 322	1.2 - 2.1	SA	14:19	ON	0.0281	0.1405	0.0140
			Max			0.1441	0.7205	0.0718
			Min			0.0000	0.0000	0.0000
CHH 19	Room 322	1.2 - 2.1	SA	19:34	OFF	0.0211	0.1055	0.0105
			Max			0.6775	3.3875	0.3374
			Min			0.0000	0.0000	0.0000
CHH 20	Room 305	1.2 - 2.1	SA	14:27	ON	0.1472	0.7360	0.0733
			Max			0.3376	1.6880	0.1681
			Min			0.0000	0.0000	0.0000
CHH 20	Room 305	1.2 - 2.1	SA	19:25	OFF	0.0275	0.1375	0.0137
			Max			0.6318	3.1590	0.3146
			Min			0.0000	0.0000	0.0000




AP = Access Point
 SA = Spatial Average
 Max = Maximum
 Min = Minimum

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
CHH 21	Drama Room	0.3 - 0.9	SA	14:42	ON	0.0650	0.3250	0.0324
			Max			0.4228	2.1140	0.2106
			Min			0.0000	0.0000	0.0000
CHH 21	Drama Room	0.3 - 0.9	SA	20:26	OFF	0.0055	0.0275	0.0027
			Max			0.1417	0.7085	0.0706
			Min			0.0000	0.0000	0.0000
CHH 22	Auditorium	0.9 - 1.8	SA	14:50	ON	0.0731	0.3655	0.0364
			Max			0.2793	1.3965	0.1391
			Min			0.0000	0.0000	0.0000
CHH 22	Auditorium	0.9 - 1.8	SA	20:34	OFF	0.0475	0.2375	0.0237
			Max			0.2254	1.1270	0.1122
			Min			0.0000	0.0000	0.0000
CHH 23	Room 317	1.8 - 2.7	SA	15:14	ON	0.0504	0.2520	0.0251
			Max			0.3800	1.9000	0.1892
			Min			0.0000	0.0000	0.0000
CHH 23	Room 317	1.8 - 2.7	SA	19:05	OFF	0.1174	0.5870	0.0585
			Max			0.9173	4.5865	0.4568
			Min			0.0000	0.0000	0.0000

AP = Access Point
 SA = Spatial Average
 Max = Maximum
 Min = Minimum



LEGEND

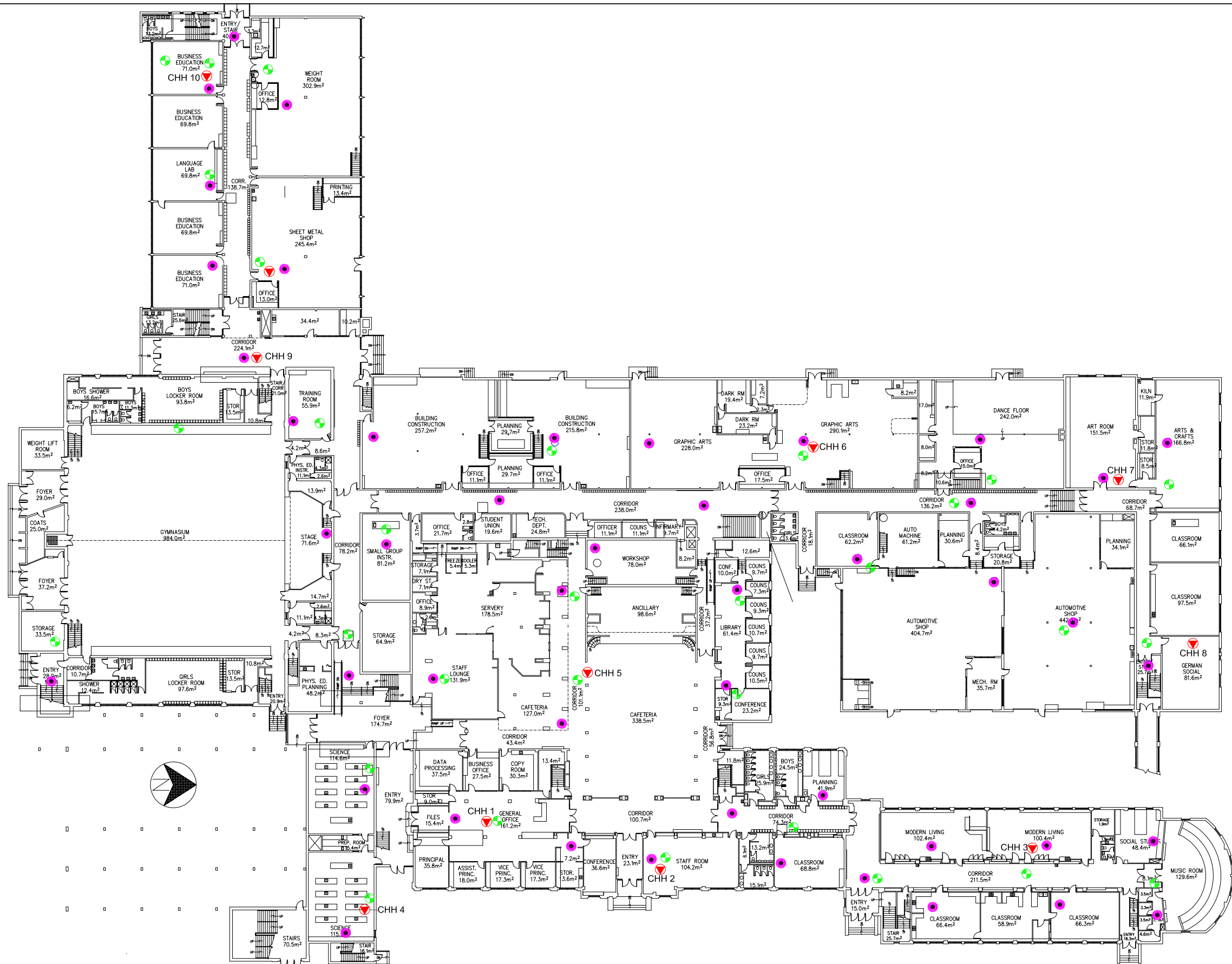
-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg




CRESCENT HEIGHTS- LOWER FLOOR
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



Drawing No.
B6-1



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

**CRESCENT HEIGHTS- MAIN FLOOR
 ELECTROMAGNETIC RADIATION (EMR) TESTING**

CALGARY

ALBERTA






Drawing No.

B6-2



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

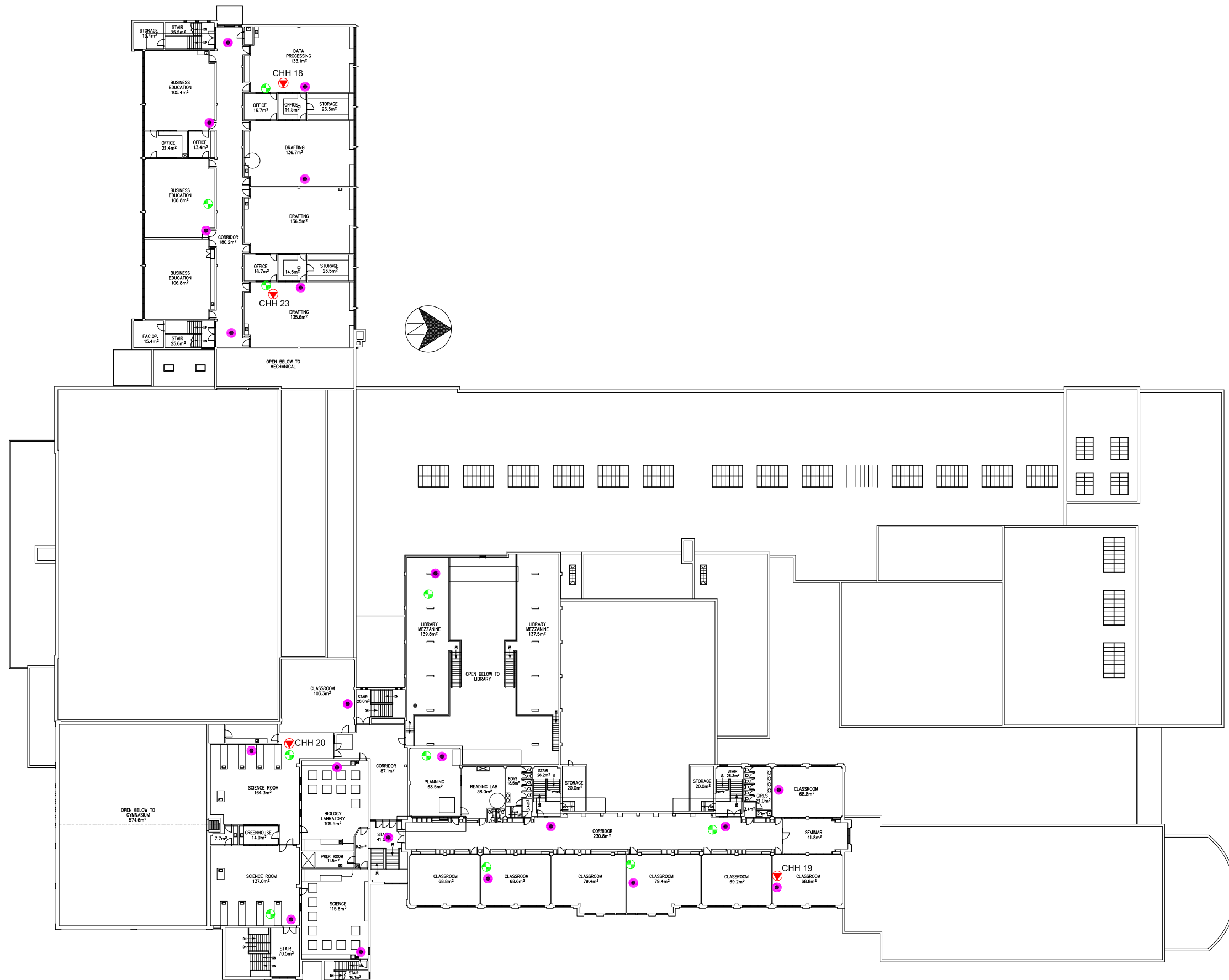
Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

CRESCENT HEIGHTS- FLOOR 2
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA






Drawing No.

B6-3



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

CRESCENT HEIGHTS- FLOOR 3
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



Drawing No.
B6-4




**Attachment B7
Douglasdale School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
D 1	Office	0.3 - 0.9	SA	13:08	ON	0.0147	0.0735	0.0073
			Max			0.1890	0.9450	0.0941
			Min			0.0000	0.0000	0.0000
D 1	Office	0.3 - 0.9	SA	16:28	OFF	0.0413	0.2065	0.0206
			Max			0.1731	0.8655	0.0862
			Min			0.0000	0.0000	0.0000
D 2	Gym	2.1 - 3.0	SA	13:15	ON	0.0588	0.2940	0.0293
			Max			0.3237	1.6185	0.1612
			Min			0.0000	0.0000	0.0000
D 2	Gym	2.1 - 3.0	SA	16:36	OFF	0.1249	0.6245	0.0622
			Max			0.3055	1.5275	0.1521
			Min			0.0000	0.0000	0.0000
D 3	Room 22	0.9 - 1.8	SA	11:24	ON	0.1155	0.5775	0.0575
			Max			0.5963	2.9815	0.2970
			Min			0.0000	0.0000	0.0000
D 3	Room 22	0.9 - 1.8	SA	16:45	OFF	0.1650	0.8250	0.0822
			Max			0.7042	3.5210	0.3507
			Min			0.0000	0.0000	0.0000
D 4	Room 15	1.2 - 2.1	SA	13:32	ON	0.2174	1.0870	0.1083
			Max			1.4666	7.3330	0.7304
			Min			0.0000	0.0000	0.0000
D 4	Room 15	1.2 - 2.1	SA	17:09	OFF	0.1618	0.8090	0.0806
			Max			0.3836	1.9180	0.1910
			Min			0.0066	0.0330	0.0033
D 5	Work Prep. Room	0.9 - 1.8	SA	13:40	ON	0.3117	1.5585	0.1552
			Max			0.4892	2.4460	0.2436
			Min			0.1517	0.7585	0.0755
D 5	Work Prep. Room	0.9 - 1.8	SA	16:53	OFF	0.2092	1.0460	0.1042
			Max			0.3964	1.9820	0.1974
			Min			0.0254	0.1270	0.0126
D 6	Hall outside Room 19	0.6 - 1.5	SA	13:48	ON	0.2570	1.2850	0.1280
			Max			0.5105	2.5525	0.2542
			Min			0.0457	0.2285	0.0228
D 6	Hall outside Room 19	0.6 - 1.5	SA	17:17	OFF	0.1592	0.7960	0.0793
			Max			0.8749	4.3745	0.4357
			Min			0.0000	0.0000	0.0000
D 7	Library/Media Centre	1.5 - 2.4	SA	13:56	ON	0.2686	1.3430	0.1338
			Max			0.4741	2.3705	0.2361
			Min			0.0944	0.4720	0.0470
D 7	Library/Media Centre	1.5 - 2.4	SA	17:26	OFF	0.1752	0.8760	0.0872
			Max			0.8749	4.3745	0.4357
			Min			0.0000	0.0000	0.0000
D 8	Room 1	0.9 - 1.8	SA	14:04	ON	0.2702	1.3510	0.1346
			Max			0.5308	2.6540	0.2643
			Min			0.0762	0.3810	0.0379
D 8	Room 1	0.9 - 1.8	SA	17:33	OFF	0.1701	0.8505	0.0847
			Max			0.4975	2.4875	0.2478
			Min			0.0203	0.1015	0.0101
D 9	Room 10	0.6 - 1.5	SA	14:23	ON	0.0406	0.2030	0.0202
			Max			0.6297	3.1485	0.3136
			Min			0.0000	0.0000	0.0000
D 9	Room 10	0.6 - 1.5	SA	17:51	OFF	0.1400	0.7000	0.0697
			Max			0.4236	2.1180	0.2110
			Min			0.0000	0.0000	0.0000
D 10	Work Room between room 3/4	N/A	SA	14:14	ON	0.0673	0.3365	0.0335
			Max			0.4441	2.2205	0.2212
			Min			0.0000	0.0000	0.0000
D 10	Work Room between room 3/4	N/A	SA	17:41	OFF	0.1595	0.7975	0.0794
			Max			0.7111	3.5555	0.3541
			Min			0.0000	0.0000	0.0000
D 11	Room 8	0.6 - 1.5	SA	14:31	ON	0.0287	0.1435	0.0143
			Max			0.1790	0.8950	0.0891
			Min			0.0000	0.0000	0.0000
D 11	Room 8	0.6 - 1.5	SA	17:59	OFF	0.1991	0.9955	0.0992
			Max			0.3796	1.8980	0.1890
			Min			0.0385	0.1925	0.0192
D 12	Room 7	0.6 - 1.5	SA	14:39	ON	0.0304	0.1520	0.0151
			Max			0.1315	0.6575	0.0655
			Min			0.0000	0.0000	0.0000
D 12	Room 7	0.6 - 1.5	SA	18:08	OFF	0.1693	0.8465	0.0843
			Max			0.4502	2.2510	0.2242
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

DOUGLASDALE SCHOOL
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



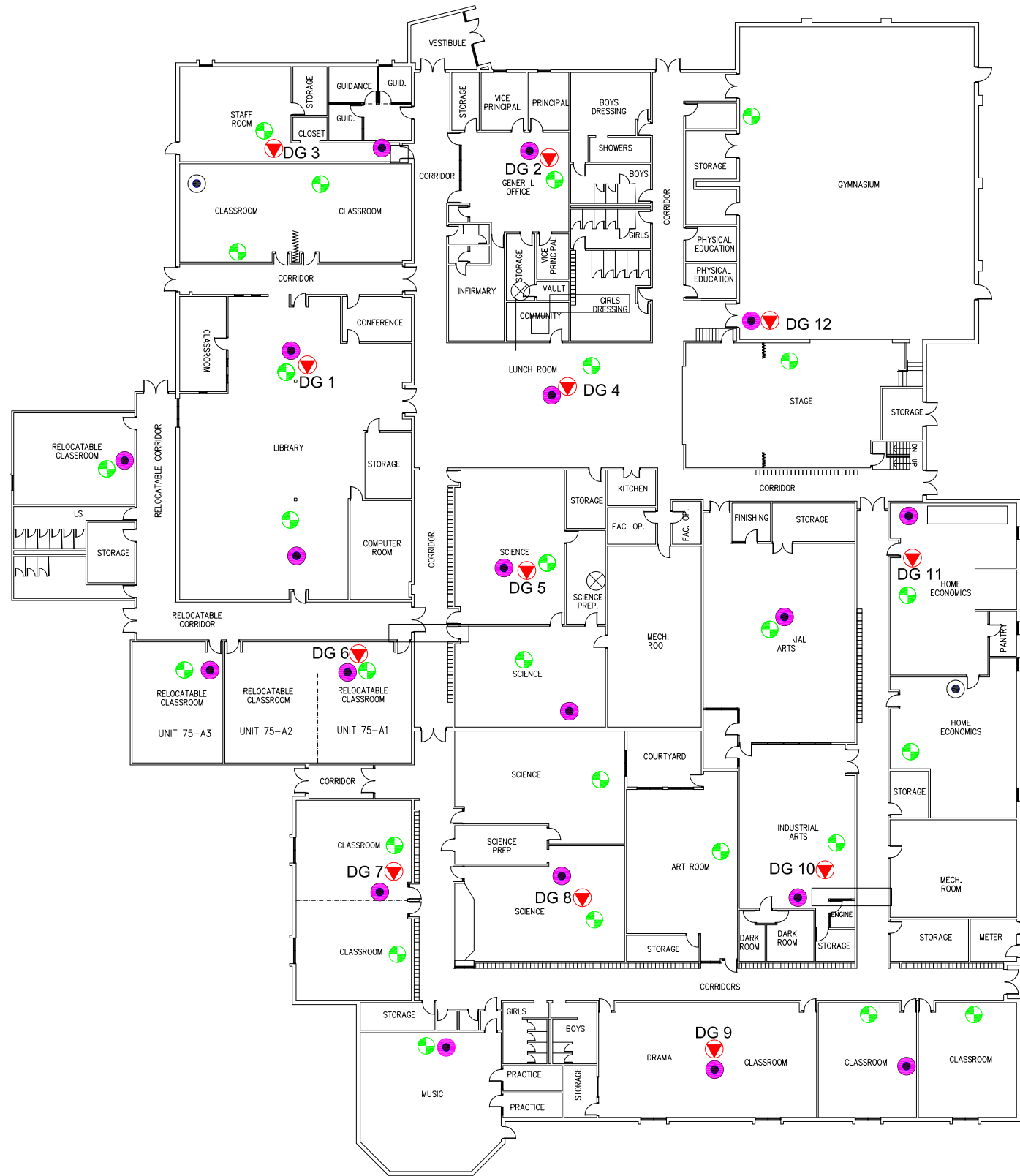
Drawing No.

B7




Attachment B8
Dr. Gladys M. Egbert

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
DG 1	Library	1.5 - 2.4	SA	11:48	ON	0.0068	0.0340	0.0034
			Max			0.1117	0.5585	0.0556
			Min			0.0000	0.0000	0.0000
DG 1	Library	1.5 - 2.4	SA	16:23	OFF	0.0261	0.1305	0.0130
			Max			0.1625	0.8125	0.0809
			Min			0.0000	0.0000	0.0000
DG 2	Office	1.5 - 2.4	SA	11:56	ON	0.0487	0.2435	0.0243
			Max			0.2275	1.1375	0.1133
			Min			0.0000	0.0000	0.0000
DG 2	Office	1.5 - 2.4	SA	16:31	OFF	0.0609	0.3045	0.0303
			Max			0.2194	1.0970	0.1093
			Min			0.0000	0.0000	0.0000
DG 3	Staff Room	1.5 - 2.4	SA	12:04	ON	0.1007	0.5035	0.0501
			Max			0.4625	2.3125	0.2303
			Min			0.0000	0.0000	0.0000
DG 3	Staff Room	1.5 - 2.4	SA	16:38	OFF	0.1242	0.6210	0.0619
			Max			0.3226	1.6130	0.1607
			Min			0.0102	0.0510	0.0051
DG 4	Lunch Room	3.6 - 4.6	SA	12:12	ON	0.2792	1.3960	0.1390
			Max			0.4566	2.2830	0.2274
			Min			0.0740	0.3700	0.0369
DG 4	Lunch Room	3.6 - 4.6	SA	16:45	OFF	0.2534	1.2670	0.1262
			Max			0.5256	2.6280	0.2617
			Min			0.0501	0.2505	0.0249
DG 5	Room 20	0.9 - 1.8	SA	12:20	ON	0.3012	1.5060	0.1500
			Max			0.5927	2.9635	0.2962
			Min			0.0711	0.3555	0.0354
DG 5	Room 20	0.9 - 1.8	SA	16:54	OFF	0.4132	2.0660	0.2058
			Max			0.6356	3.1780	0.3165
			Min			0.1067	0.5335	0.0531
DG 6	Room 19	0.9 - 1.8	SA	12:29	ON	0.3619	1.8095	0.1802
			Max			0.6545	3.2725	0.3259
			Min			0.1119	0.5595	0.0557
DG 6	Room 19	0.9 - 1.8	SA	17:02	OFF	0.5126	2.5630	0.2553
			Max			0.8771	4.3855	0.4368
			Min			0.2171	1.0855	0.1081
DG 7	Room 25	1.5 - 2.4	SA	12:38	ON	0.2584	1.2920	0.1287
			Max			0.4355	2.1775	0.2169
			Min			0.0777	0.3885	0.0387
DG 7	Room 25	1.5 - 2.4	SA	17:11	OFF	0.4928	2.4640	0.2454
			Max			0.6915	3.4575	0.3444
			Min			0.2900	1.4500	0.1444
DG 8	Room 24	1.5 - 2.4	SA	12:46	ON	0.3120	1.5600	0.1554
			Max			0.5539	2.7695	0.2758
			Min			0.1243	0.6215	0.0619
DG 8	Room 24	1.5 - 2.4	SA	17:19	OFF	0.5156	2.5780	0.2568
			Max			0.6799	3.3995	0.3386
			Min			0.3540	1.7700	0.1763
DG 9	Exercise Room	1.5 - 2.4	SA	12:55	ON	0.2817	1.4085	0.1403
			Max			0.4820	2.4100	0.2400
			Min			0.0994	0.4970	0.0495
DG 9	Exercise Room	1.5 - 2.4	SA	17:27	OFF	0.5063	2.5315	0.2521
			Max			0.6925	3.4625	0.3449
			Min			0.3271	1.6355	0.1629
DG 10	Room 41	1.5 - 2.4	SA	13:04	ON	0.2949	1.4745	0.1469
			Max			0.4661	2.3305	0.2321
			Min			0.1045	0.5225	0.0520
DG 10	Room 41	1.5 - 2.4	SA	17:38	OFF	0.0705	0.3525	0.0351
			Max			0.2510	1.2550	0.1250
			Min			0.0000	0.0000	0.0000
DG 11	Room 43	1.5 - 2.4	SA	13:12	ON	0.2752	1.3760	0.1370
			Max			0.4536	2.2680	0.2259
			Min			0.0734	0.3670	0.0366
DG 11	Room 43	1.5 - 2.4	SA	17:46	OFF	0.0995	0.4975	0.0496
			Max			0.2929	1.4645	0.1459
			Min			0.0000	0.0000	0.0000
DG 12	Gym	2.1 - 3.0	SA	13:22	ON	0.3200	1.6000	0.1594
			Max			0.4820	2.4100	0.2400
			Min			0.1751	0.8755	0.0872
DG 12	Gym	2.1 - 3.0	SA	17:55	OFF	0.1030	0.5150	0.0513
			Max			0.2632	1.3160	0.1311
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

DR. GLADYS M. EGBERT
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY ALBERTA



Drawing No.

B8

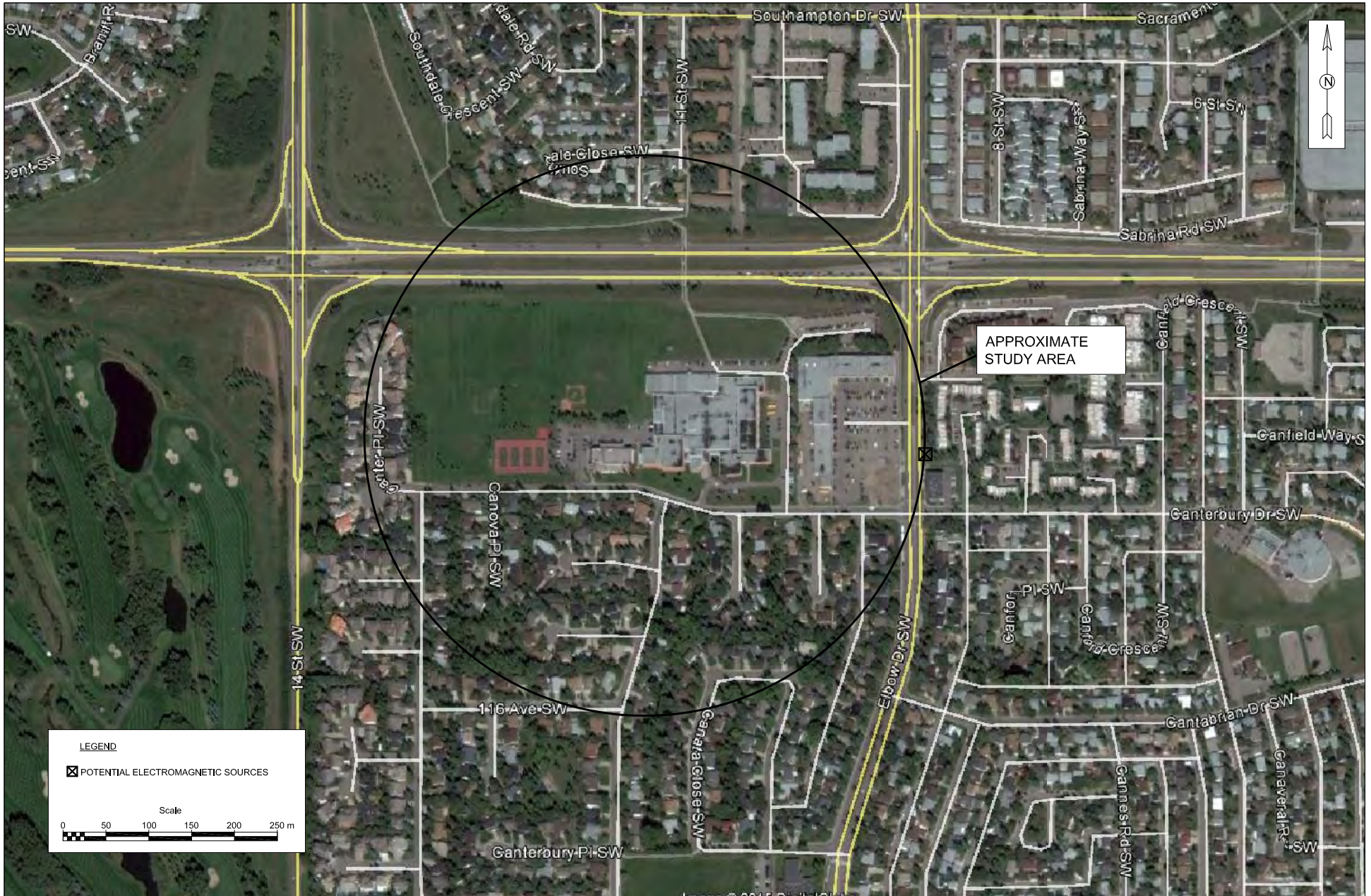
Attachment B9
Dr. E. P. Scarlett High School

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
DS 1	General Office	1.5 - 2.4	SA	11:08	ON	0.0608	0.3040	0.0303
			Max			0.6384	3.1920	0.3179
			Min			0.0000	0.0000	0.0000
DS 1	General Office	1.5 - 2.4	SA	16:31	OFF	0.0090	0.0450	0.0045
			Max			0.8844	4.4220	0.4404
			Min			0.0000	0.0000	0.0000
DS 2	Room 108	1.5 - 2.4	SA	11:17	ON	0.2203	1.1015	0.1097
			Max			0.7873	3.9365	0.3921
			Min			0.0000	0.0000	0.0000
DS 2	Room 108	1.5 - 2.4	SA	4:41	OFF	0.0588	0.2940	0.0293
			Max			1.2460	6.2300	0.6205
			Min			0.0000	0.0000	0.0000
DS 3	Room 114	1.2 - 2.1	SA	11:25	ON	0.3010	1.5050	0.1499
			Max			1.2300	6.1500	0.6125
			Min			0.1067	0.5335	0.0531
DS 3	Room 114	1.2 - 2.1	SA	16:49	OFF	0.1292	0.6460	0.0643
			Max			0.6510	3.2550	0.3242
			Min			0.0000	0.0000	0.0000
DS 4	Room 1046B	1.2 - 2.1	SA	11:34	ON	0.3427	1.7135	0.1707
			Max			0.6812	3.4060	0.3392
			Min			0.1148	0.5740	0.0572
DS 4	Room 1046B	1.2 - 2.1	SA	16:58	OFF	0.1478	0.7390	0.0736
			Max			0.5716	2.8580	0.2847
			Min			0.0000	0.0000	0.0000
DS 5	Hallway outside boiler room	0.3 - 0.9	SA	11:42	ON	0.3258	1.6290	0.1622
			Max			0.5299	2.6495	0.2639
			Min			0.1284	0.6420	0.0639
DS 5	Hallway outside boiler room	0.3 - 0.9	SA	17:13	OFF	0.2626	1.3130	0.1308
			Max			0.6014	3.0070	0.2995
			Min			0.0152	0.0760	0.0076
DS 6	Room 117	1.2 - 2.1	SA	11:50	ON	0.4225	2.1125	0.2104
			Max			1.0330	5.1650	0.5144
			Min			0.2083	1.0415	0.1037
DS 6	Room 117	1.2 - 2.1	SA	17:06	OFF	0.1644	0.8220	0.0819
			Max			0.7926	3.9630	0.3947
			Min			0.0000	0.0000	0.0000
DS 7	Room 135	1.2 - 2.1	SA	11:58	ON	0.5163	2.5815	0.2571
			Max			0.8822	4.4110	0.4393
			Min			0.1524	0.7620	0.0759
DS 7	Room 135	1.2 - 2.1	SA	17:21	OFF	0.3451	1.7255	0.1719
			Max			1.1200	5.6000	0.5578
			Min			0.0000	0.0000	0.0000
DS 8	Library	1.2 - 2.1	SA	12:06	ON	0.3922	1.9610	0.1953
			Max			0.7956	3.9780	0.3962
			Min			0.1067	0.5335	0.0531
DS 8	Library	1.2 - 2.1	SA	17:29	OFF	0.0892	0.4460	0.0444
			Max			1.3780	6.8900	0.6862
			Min			0.0000	0.0000	0.0000
DS 9	Room 146	0.9 - 1.8	SA	12:17	ON	0.4313	2.1565	0.2148
			Max			0.6422	3.2110	0.3198
			Min			0.2682	1.3410	0.1336
DS 9	Room 146	0.9 - 1.8	SA	17:41	OFF	0.1468	0.7340	0.0731
			Max			0.5525	2.7625	0.2751
			Min			0.0000	0.0000	0.0000
DS 10	Hall outside room 152	0.6 - 1.5	SA	12:24	ON	0.4515	2.2575	0.2248
			Max			0.9773	4.8865	0.4867
			Min			0.1792	0.8960	0.0892
DS 10	Hall outside room 152	0.6 - 1.5	SA	17:48	OFF	0.1306	0.6530	0.0650
			Max			0.6049	3.0245	0.3012
			Min			0.0000	0.0000	0.0000
DS 11	Room 1120	N/A	SA	12:34	0.38	0.3894	1.9470	0.1939
			Max			0.7560	3.7800	0.3765
			Min			0.1930	0.9650	0.0961
DS 11	Room 1120	N/A	SA	17:58	OFF	0.0160	0.0800	0.0080
			Max			0.7316	3.6580	0.3643
			Min			0.0000	0.0000	0.0000
DS 12	Lunch Room	1.2 - 2.1	SA	12:43	ON	0.5393	2.6965	0.2686
			Max			0.9477	4.7385	0.4720
			Min			0.1168	0.5840	0.0582
DS 12	Lunch Room	1.2 - 2.1	SA	18:06	OFF	0.0091	0.0455	0.0045
			Max			0.6282	3.1410	0.3128
			Min			0.0000	0.0000	0.0000
DS 13	Room 156	2.7 - 3.6	SA	12:52	ON	0.1068	0.5340	0.0532
			Max			0.3152	1.5760	0.1570
			Min			0.0000	0.0000	0.0000
DS 13	Room 156	2.7 - 3.6	SA	18:14	OFF	0.0523	0.2615	0.0260
			Max			0.2372	1.1860	0.1181
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
DS 14	Gym	0.9 - 1.8	SA	13:00	ON	0.1004	0.5020	0.0500
			Max			0.6635	2.8175	0.2806
			Min			0.0000	0.0000	0.0000
DS 14	Gym	0.9 - 1.8	SA	18:24	OFF	0.0669	0.3345	0.0333
			Max			0.7330	3.6650	0.3650
			Min			0.0000	0.0000	0.0000
DS 15	Room 169	4.2 - 5.1	SA	13:09	ON	0.1367	0.6835	0.0681
			Max			1.0890	5.4450	0.5423
			Min			0.0000	0.0000	0.0000
DS 15	Room 169	4.2 - 5.1	SA	18:32	OFF	0.0670	0.3350	0.0334
			Max			1.4510	7.2550	0.7226
			Min			0.0000	0.0000	0.0000
DS 16	Room 165	N/A	SA	13:17	ON	0.1512	0.7560	0.0753
			Max			0.8334	4.1670	0.4150
			Min			0.0000	0.0000	0.0000
DS 16	Room 165	N/A	SA	18:41	OFF	0.0527	0.2635	0.0262
			Max			0.2359	1.1795	0.1175
			Min			0.0000	0.0000	0.0000
DS 17	Room 129	N/A	SA	13:27	ON	0.1454	0.7270	0.0724
			Max			1.3800	6.9000	0.6872
			Min			0.0000	0.0000	0.0000
DS 17	Room 129	N/A	SA	18:50	OFF	0.0643	0.3215	0.0320
			Max			0.8408	4.2040	0.4187
			Min			0.0000	0.0000	0.0000
DS 18	Room 286	N/A	SA	13:43	ON	0.1005	0.5025	0.0500
			Max			1.5730	7.8650	0.7834
			Min			0.0000	0.0000	0.0000
DS 18	Room 286	N/A	SA	19:47	OFF	0.0651	0.3255	0.0324
			Max			1.4140	7.0700	0.7042
			Min			0.0000	0.0000	0.0000
DS 19	Room 279	1.2 - 2.1	SA	13:51	ON	0.1178	0.5890	0.0587
			Max			1.0920	5.4600	0.5438
			Min			0.0000	0.0000	0.0000
DS 19	Room 279	1.2 - 2.1	SA	19:39	OFF	0.0684	0.3420	0.0341
			Max			0.3342	1.6710	0.1664
			Min			0.0000	0.0000	0.0000
DS 20	Hall outside room 280	0.6 - 1.5	SA	13:59	ON	0.1358	0.6790	0.0676
			Max			0.4652	2.3260	0.2317
			Min			0.0000	0.0000	0.0000
DS 20	Hall outside room 280	0.6 - 1.5	SA	19:23	OFF	0.0840	0.4200	0.0418
			Max			0.5764	2.8820	0.2870
			Min			0.0000	0.0000	0.0000
DS 21	Room 275	1.2 - 2.1	SA	14:06	ON	0.0998	0.4990	0.0497
			Max			0.5438	2.7190	0.2708
			Min			0.0000	0.0000	0.0000
DS 21	Room 275	1.2 - 2.1	SA	19:13	OFF	0.0331	0.1655	0.0165
			Max			0.2293	1.1465	0.1142
			Min			0.0000	0.0000	0.0000
DS 22	Room 282	1.2 - 2.1	SA	14:14	ON	0.0843	0.4215	0.0420
			Max			1.0610	5.3050	0.5284
			Min			0.0000	0.0000	0.0000
DS 22	Room 282	1.2 - 2.1	SA	19:31	OFF	0.0919	0.4595	0.0458
			Max			0.6849	3.4245	0.3411
			Min			0.0000	0.0000	0.0000
DS 23	Room 272	0.6 - 1.5	SA	14:23	ON	0.1184	0.5920	0.0590
			Max			0.5540	2.7700	0.2759
			Min			0.0000	0.0000	0.0000
DS 23	Room 272	0.6 - 1.5	SA	19:06	OFF	0.0374	0.1870	0.0186
			Max			0.1704	0.8520	0.0849
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



Scale: AS SHOWN
 Project No.: G2S14600A
 Date: 15/01/15
 Drawn by: PH/GB
 File name: CBE.dwg

DR. E. P. SCARLETT SCHOOL
 ADDITIONAL (NOT WI-FI) ELECTROMAGNETIC SOURCES
 CALGARY ALBERTA






Drawing No.
B9



MAIN FLOOR PLAN

1970 ORIGINAL BUILDING

LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

**DR. E. P. SCARLETT - MAIN FLOOR
 ELECTROMAGNETIC RADIATION (EMR) TESTING**

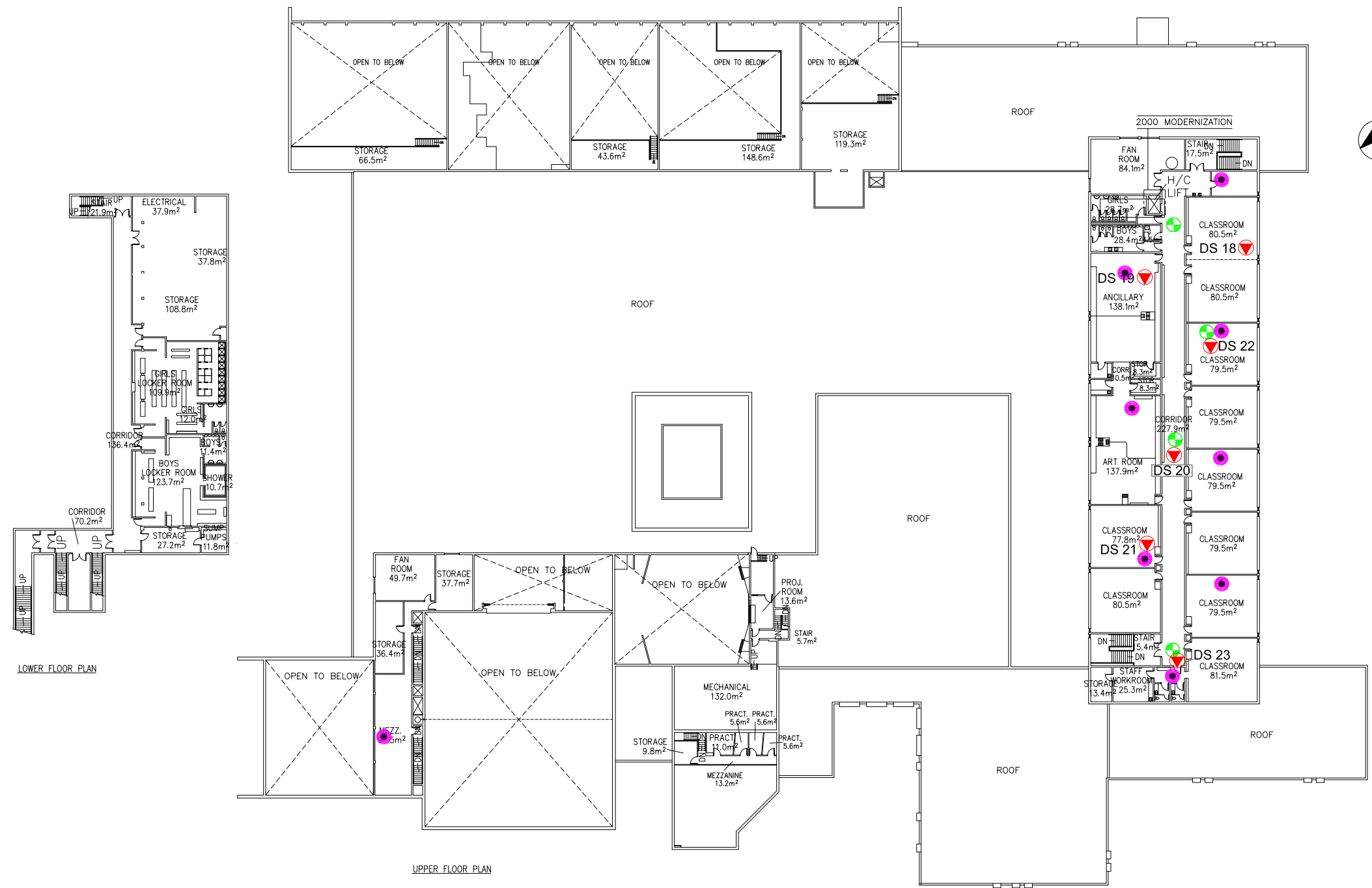
CALGARY

ALBERTA






Drawing No.

B9-1



1970 ORIGINAL BUILDING

LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

DR. E. P. SCARLETT - UPPER
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



Drawing No.
B9-2

**Attachment B10
Fairview School**

**Table 10: Field Measurements
 Fairview School**

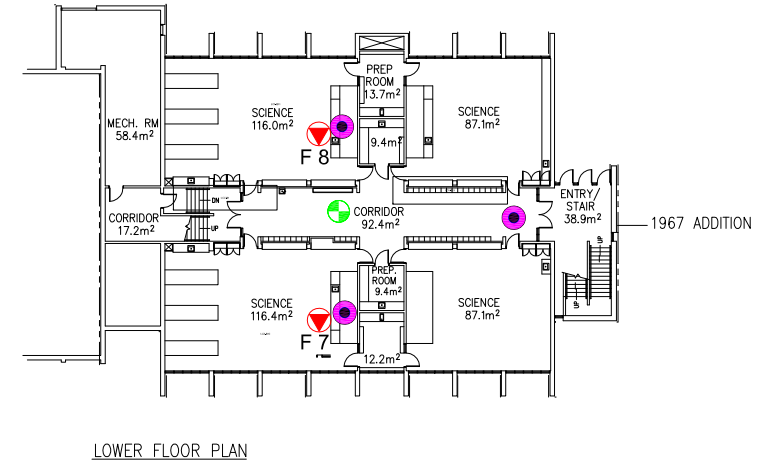
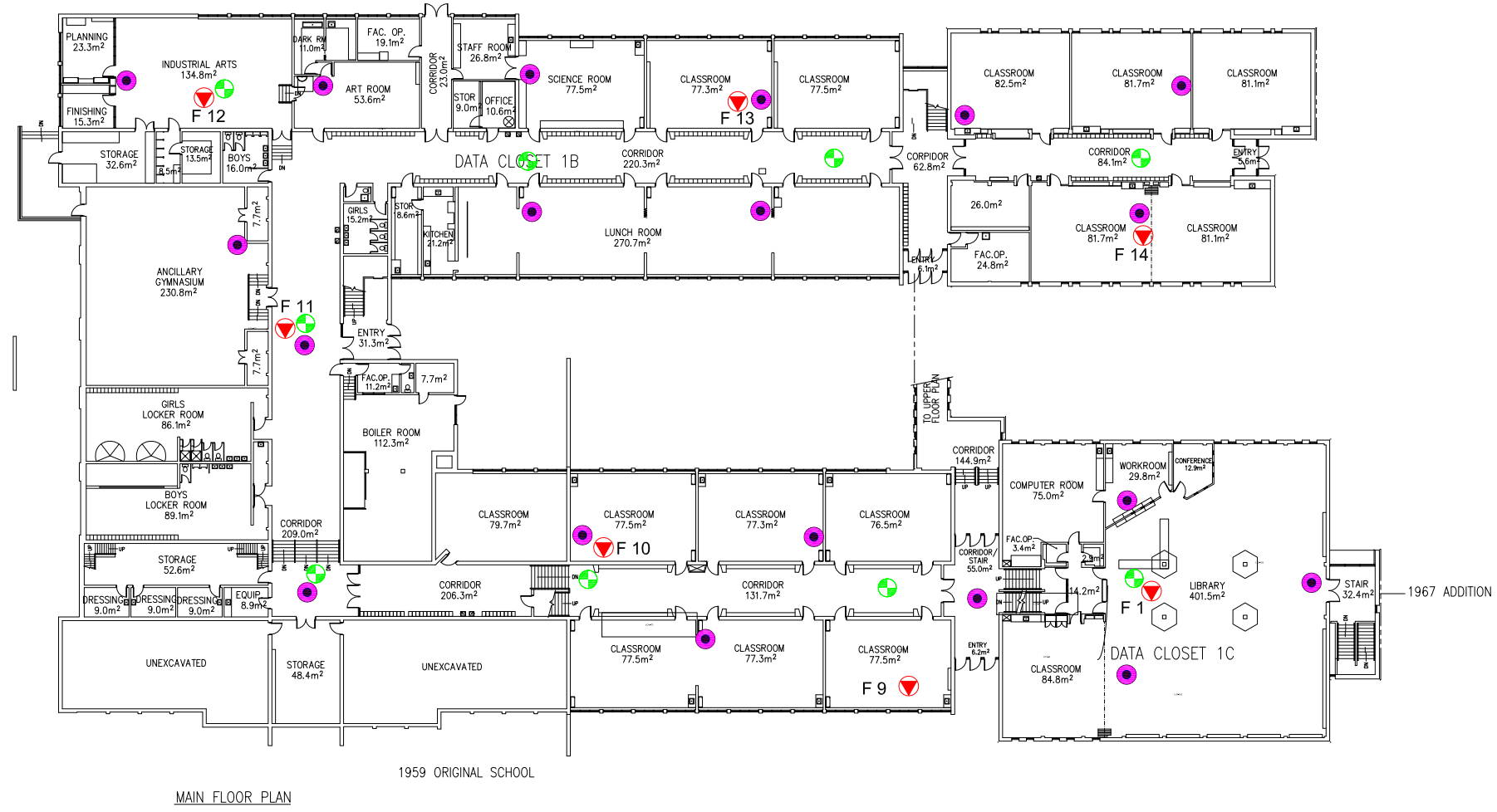
Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
F 1	Library	0.6 - 1.5	SA	12:51	ON	0.0464	0.2320	0.0231
			Max			0.8484	4.2420	0.4225
			Min			0.0000	0.0000	0.0000
F 1	Library	0.6 - 1.5	SA	16:25	OFF	0.0045	0.0225	0.0022
			Max			0.7726	3.8630	0.3848
			Min			0.0000	0.0000	0.0000
F 2	Room 202	N/A	SA	13:03	ON	0.1117	0.5585	0.0556
			Max			0.4544	2.2720	0.2263
			Min			0.0000	0.0000	0.0000
F 2	Room 202	N/A	SA	18:29	OFF	0.0662	0.3310	0.0330
			Max			0.4867	2.4335	0.2424
			Min			0.0000	0.0000	0.0000
F 3	Staff Room	N/A	SA	13:11	ON	0.2211	1.1055	0.1101
			Max			0.4273	2.1365	0.2128
			Min			0.0551	0.2755	0.0274
F 3	Staff Room	N/A	SA	18:20	OFF	0.0642	0.3210	0.0320
			Max			0.3587	1.7935	0.1786
			Min			0.0000	0.0000	0.0000
F 4	Room 232	1.5 - 2.4	SA	13:20	ON	0.3238	1.6190	0.1613
			Max			0.6073	3.0365	0.3024
			Min			0.0508	0.2540	0.0253
F 4	Room 232	1.5 - 2.4	SA	18:12	OFF	0.1185	0.5925	0.0590
			Max			0.6302	3.1510	0.3138
			Min			0.0000	0.0000	0.0000
F 5	Room 233	2.1 - 3.0	SA	13:29	ON	0.2536	1.2680	0.1263
			Max			0.4936	2.4680	0.2458
			Min			0.0711	0.3555	0.0354
F 5	Room 233	2.1 - 3.0	SA	17:56	OFF	0.0658	0.3290	0.0328
			Max			0.4272	2.1360	0.2127
			Min			0.0000	0.0000	0.0000
F 6	Room 240	2.1 - 3.0	SA	13:38	ON	0.2863	1.4315	0.1426
			Max			0.9390	4.6950	0.4676
			Min			0.0305	0.1525	0.0152
F 6	Room 240	2.1 - 3.0	SA	17:47	OFF	0.1482	0.7410	0.0738
			Max			0.4262	2.1310	0.2122
			Min			0.0000	0.0000	0.0000
F 7	Room 104	2.1 - 3.0	SA	13:52	ON	0.3185	1.5925	0.1586
			Max			0.7849	3.9245	0.3909
			Min			0.0559	0.2795	0.0278
F 7	Room 104	2.1 - 3.0	SA	16:33	OFF	0.0788	0.3940	0.0392
			Max			0.9681	4.8405	0.4821
			Min			0.0000	0.0000	0.0000
F 8	Room 103	0.9 - 1.8	SA	14:00	ON	0.3518	1.7590	0.1752
			Max			0.5198	2.5990	0.2589
			Min			0.2007	1.0035	0.0999
F 8	Room 103	0.9 - 1.8	SA	16:41	OFF	0.1146	0.5730	0.0571
			Max			0.3902	1.9510	0.1943
			Min			0.0000	0.0000	0.0000
F 9	Room 106	N/A	SA	14:09	ON	0.3175	1.5875	0.1581
			Max			0.5228	2.6140	0.2604
			Min			0.1168	0.5840	0.0582
F 9	Room 106	N/A	SA	16:49	OFF	0.0867	0.4335	0.0432
			Max			0.4947	2.4735	0.2464
			Min			0.0000	0.0000	0.0000
F 10	Room 109	1.5 - 2.4	SA	14:16	ON	0.3276	1.6380	0.1631
			Max			0.5488	2.7440	0.2733
			Min			0.1460	0.7300	0.0727
F 10	Room 109	1.5 - 2.4	SA	17:04	OFF	0.1011	0.5055	0.0503
			Max			1.4380	7.1900	0.7161
			Min			0.0000	0.0000	0.0000
F 11	Hall outside gym	0.9 - 1.8	SA	14:24	ON	0.3642	1.8210	0.1814
			Max			0.5751	2.8755	0.2864
			Min			0.1270	0.6350	0.0632
F 11	Hall outside gym	0.9 - 1.8	SA	17:12	OFF	0.0904	0.4520	0.0450
			Max			0.4988	2.4940	0.2484
			Min			0.0000	0.0000	0.0000
F 12	Room 122	2.7 - 3.6	SA	14:33	ON	0.0566	0.2830	0.0282
			Max			0.6287	3.1435	0.3131
			Min			0.0000	0.0000	0.0000
F 12	Room 122	2.7 - 3.6	SA	17:21	OFF	0.2313	1.1565	0.1152
			Max			0.5999	2.9995	0.2988
			Min			0.0000	0.0000	0.0000
F 13	Room 132	1.2 - 2.1	SA	14:44	ON	0.1027	0.5135	0.0511
			Max			0.8203	4.1015	0.4085
			Min			0.0000	0.0000	0.0000
F 13	Room 132	1.2 - 2.1	SA	17:29	OFF	0.2312	1.1560	0.1151
			Max			0.5124	2.5620	0.2552
			Min			0.0000	0.0000	0.0000

AP = Access Point
 SA = Spatial Average
 Max = Maximum
 Min = Minimum

**Table 10: Field Measurements
 Fairview School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
F 14	Room 141	1.5 - 2.4	SA	14:52	ON	0.2056	1.0280	0.1024
			Max			1.2030	6.0150	0.5991
			Min			0.0000	0.0000	0.0000
F 14	Room 141	1.5 - 2.4	SA	17:38	OFF	0.2430	1.2150	0.1210
			Max			1.1390	5.6950	0.5672
			Min			0.0000	0.0000	0.0000

AP = Access Point
 SA = Spatial Average
 Max = Maximum
 Min = Minimum



LEGEND

- ACCESS POINT LOCATION
- DAS LOCATION
- SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

FAIRVIEW - MAIN/LOWER
ELECTROMAGNETIC RADIATION (EMR) TESTING

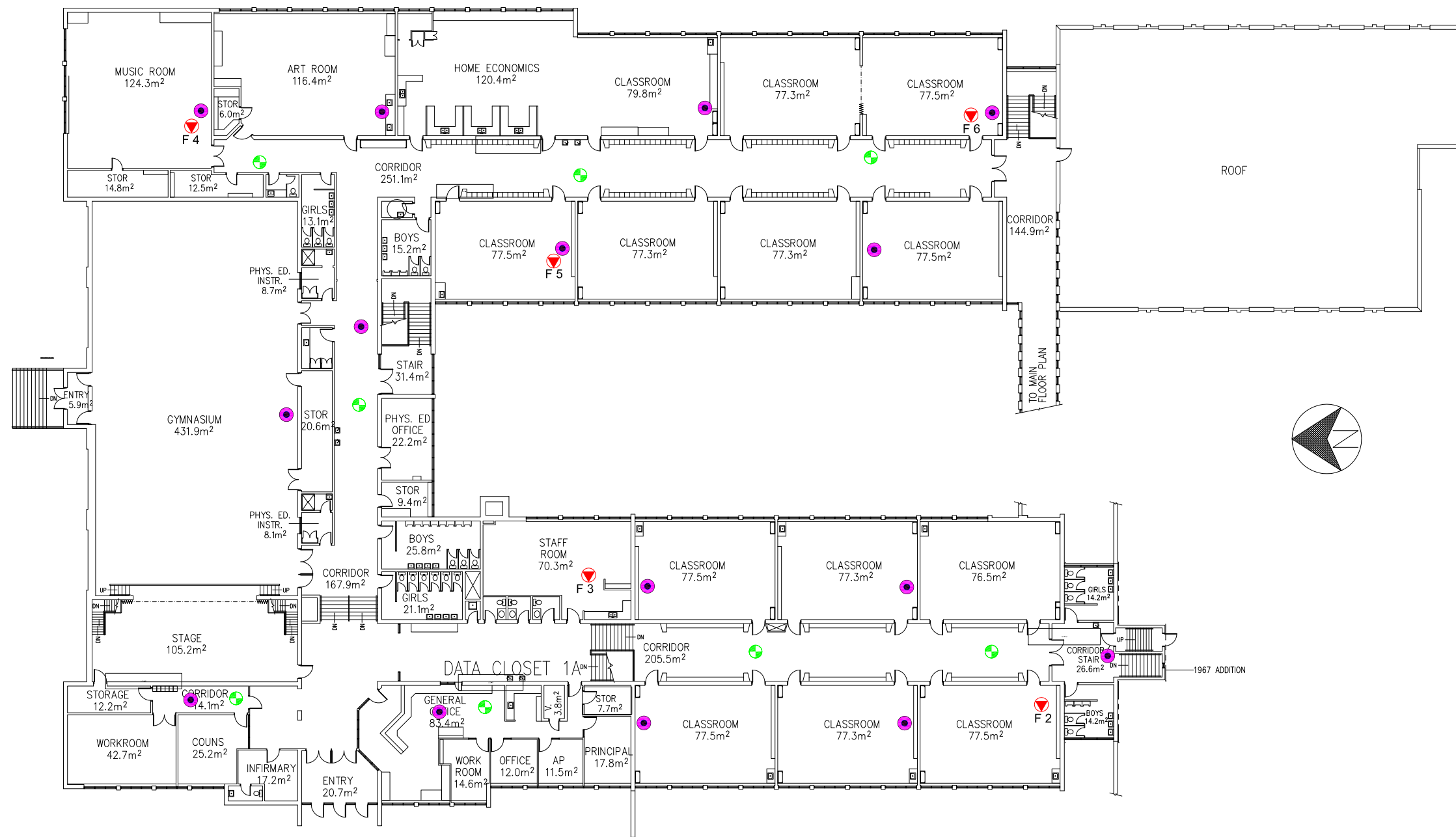
CALGARY

ALBERTA






Drawing No.

B10-1



UPPER FLOOR PLAN

LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

FAIRVIEW SCHOOL- UPPER FLOOR
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA

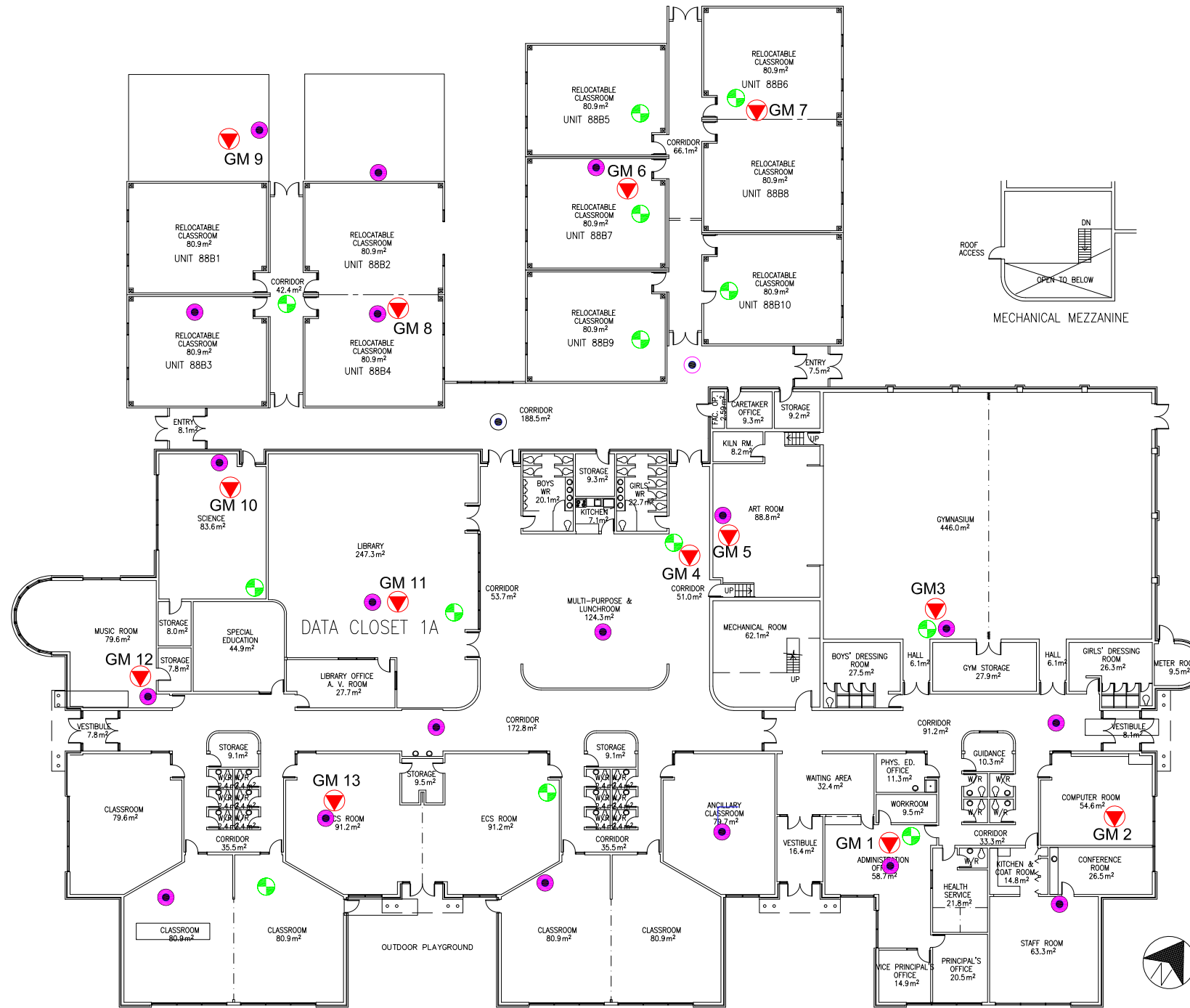


Drawing No.
B10-2




Attachment B11
Grant Macewan

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
GM 1	Office	0.9 - 1.8	SA	12:59	ON	0.0083	0.0415	0.0041
			Max			0.1067	0.5335	0.0531
			Min			0.0000	0.0000	0.0000
GM 1	Office	0.9 - 1.8	SA	16:42	OFF	0.0232	0.1160	0.0116
			Max			0.3224	1.6120	0.1606
			Min			0.0000	0.0000	0.0000
GM 2	Classroom 1	N/A	SA	13:08	ON	0.0602	0.3010	0.0300
			Max			0.2644	1.3220	0.1317
			Min			0.0000	0.0000	0.0000
GM 2	Classroom 1	N/A	SA	16:50	OFF	0.1280	0.6400	0.0637
			Max			0.4598	2.2990	0.2290
			Min			0.0000	0.0000	0.0000
GM 3	Gym	1.5 - 2.4	SA	13:16	ON	0.1895	0.9475	0.0944
			Max			0.3792	1.8960	0.1888
			Min			0.0152	0.0760	0.0076
GM 3	Gym	1.5 - 2.4	SA	16:57	OFF	0.1592	0.7960	0.0793
			Max			0.4072	2.0360	0.2028
			Min			0.0000	0.0000	0.0000
GM 4	Corridor outside music room	0.9 - 1.8	SA	13:24	ON	0.2370	1.1850	0.1180
			Max			0.5010	2.5050	0.2495
			Min			0.0609	0.3045	0.0303
GM 4	Corridor outside music room	0.9 - 1.8	SA	17:05	OFF	0.2308	1.1540	0.1149
			Max			0.7385	3.6925	0.3678
			Min			0.0000	0.0000	0.0000
GM 5	Music Room	1.5 - 2.4	SA	13:32	ON	0.3829	1.9145	0.1907
			Max			0.5672	2.8360	0.2825
			Min			0.1335	0.6675	0.0665
GM 5	Music Room	1.5 - 2.4	SA	17:14	OFF	0.1804	0.9020	0.0898
			Max			0.6634	3.3170	0.3304
			Min			0.0000	0.0000	0.0000
GM 6	Room 15	0.9 - 1.8	SA	13:41	ON	0.4489	2.2445	0.2236
			Max			0.7322	3.6610	0.3646
			Min			0.1524	0.7620	0.0759
GM 6	Room 15	0.9 - 1.8	SA	17:23	OFF	0.2301	1.1505	0.1146
			Max			0.7812	3.9060	0.3890
			Min			0.0000	0.0000	0.0000
GM 7	Room 17	0.9 - 1.8	SA	13:57	ON	0.4404	2.2020	0.2193
			Max			0.6085	3.0425	0.3030
			Min			0.2485	1.2425	0.1238
GM 7	Room 17	0.9 - 1.8	SA	17:31	OFF	0.2504	1.2520	0.1247
			Max			0.6495	3.2475	0.3235
			Min			0.0000	0.0000	0.0000
GM 8	Classroom 13	0.9 - 1.8	SA	14:06	ON	0.4358	2.1790	0.2170
			Max			0.6645	3.3225	0.3309
			Min			0.2638	1.3190	0.1314
GM 8	Classroom 13	0.9 - 1.8	SA	17:40	OFF	0.2615	1.3075	0.1302
			Max			1.0890	5.4450	0.5423
			Min			0.0000	0.0000	0.0000
GM 9	Classroom 24	0.3 - 1.2	SA	14:15	ON	0.4069	2.0345	0.2026
			Max			0.6987	3.4935	0.3480
			Min			0.1625	0.8125	0.0809
GM 9	Classroom 24	0.3 - 1.2	SA	17:48	OFF	0.2841	1.4205	0.1415
			Max			0.4704	2.3520	0.2343
			Min			0.0704	0.3520	0.0351
GM 10	Classroom 20	0.6 - 1.5	SA	14:23	ON	0.4063	2.0315	0.2023
			Max			0.8281	4.1405	0.4124
			Min			0.1961	0.9805	0.0977
GM 10	Classroom 20	0.6 - 1.5	SA	17:56	OFF	0.2698	1.3490	0.1344
			Max			0.6050	3.0250	0.3013
			Min			0.0559	0.2795	0.0278
GM 11	Library	0.9 - 1.8	SA	14:32	ON	0.4617	2.3085	0.2299
			Max			1.4460	7.2300	0.7201
			Min			0.1219	0.6095	0.0607
GM 11	Library	0.9 - 1.8	SA	18:04	OFF	0.1962	0.9810	0.0977
			Max			1.5440	7.7200	0.7689
			Min			0.0000	0.0000	0.0000
GM 12	Class Room 21	0.9 - 1.8	SA	14:41	ON	0.5140	2.5700	0.2560
			Max			1.0440	5.2200	0.5199
			Min			0.1422	0.7110	0.0708
GM 12	Class Room 21	0.9 - 1.8	SA	18:12	OFF	0.2342	1.1710	0.1166
			Max			1.1250	5.6250	0.5603
			Min			0.0000	0.0000	0.0000
GM 13	Classroom 6	0.9 - 1.8	SA	14:51	ON	0.4968	2.4840	0.2474
			Max			1.1120	5.5600	0.5538
			Min			0.1067	0.5335	0.0531
GM 13	Classroom 6	0.9 - 1.8	SA	18:20	OFF	0.2364	1.1820	0.1177
			Max			0.4662	2.3310	0.2322
			Min			0.0298	0.1490	0.0148

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

GRANT MACEWAN
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



Drawing No.

B11

Attachment B12
James Fowler High School

Table 12: Field Measurements
James Fowler School

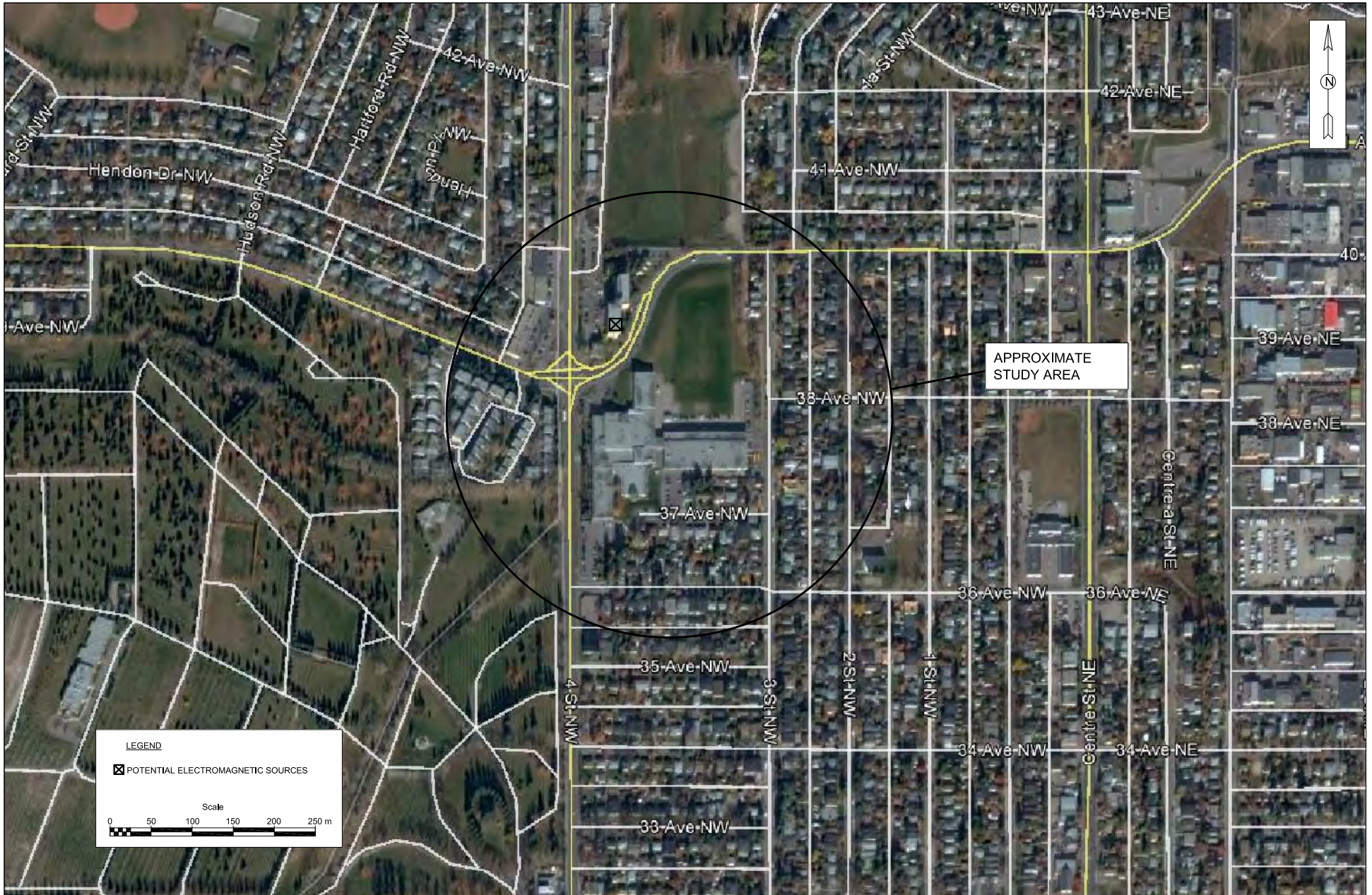
Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
JF 1	General Office	0.6 - 1.5	SA	10:43	ON	0.0007	0.0035	0.0003
			Max			0.0655	0.3275	0.0326
			Min			0.0000	0.0000	0.0000
JF 1	General Office	0.6 - 1.5	SA	19:42	OFF	0.4400	2.2000	0.2191
			Max			1.0330	5.1650	0.5144
			Min			0.0000	0.0000	0.0000
JF 2	Room 106D	1.2 - 2.1	SA	10:53	ON	0.0992	0.4960	0.0494
			Max			0.2850	1.4250	0.1419
			Min			0.0000	0.0000	0.0000
JF 2	Room 106D	1.2 - 2.1	SA	19:51	OFF	0.1204	0.6020	0.0600
			Max			0.8661	4.3305	0.4313
			Min			0.0000	0.0000	0.0000
JF 3	Hall outside room 105	N/A	SA	11:01	ON	0.1804	0.9020	0.0898
			Max			0.4011	2.0055	0.1997
			Min			0.0000	0.0000	0.0000
JF 3	Hall outside room 105	N/A	SA	20:00	OFF	0.0746	0.3730	0.0372
			Max			0.3717	1.8585	0.1851
			Min			0.0000	0.0000	0.0000
JF 4	Room 103B	1.2 - 2.1	SA	11:08	ON	0.2365	1.1825	0.1178
			Max			0.4058	2.0290	0.2021
			Min			0.0525	0.2625	0.0261
JF 4	Room 103B	1.2 - 2.1	SA	20:08	OFF	0.0718	0.3590	0.0358
			Max			0.3440	1.7200	0.1713
			Min			0.0000	0.0000	0.0000
JF 5	Room 102	1.2 - 2.1	SA	11:16	ON	0.2701	1.3505	0.1345
			Max			0.4820	2.4100	0.2400
			Min			0.1251	0.6255	0.0623
JF 5	Room 102	1.2 - 2.1	SA	20:17	OFF	0.0312	0.1560	0.0155
			Max			0.3145	1.5725	0.1566
			Min			0.0000	0.0000	0.0000
JF 6	Phys. Ed. Office	0.9 - 1.8	SA	23:26	ON	0.4322	2.1610	0.2152
			Max			0.7199	3.5995	0.3585
			Min			0.2507	1.2535	0.1248
JF 6	Phys. Ed. Office	0.9 - 1.8	SA	19:33	OFF	0.0867	0.4335	0.0432
			Max			0.4993	2.4965	0.2487
			Min			0.0000	0.0000	0.0000
JF 7	Room 225	N/A	SA	11:39	ON	0.4408	2.2040	0.2195
			Max			0.6509	3.2545	0.3241
			Min			0.2348	1.1740	0.1169
JF 7	Room 225	N/A	SA	17:22	OFF	0.3393	1.6965	0.1690
			Max			0.5496	2.7480	0.2737
			Min			0.1642	0.8210	0.0818
JF 8	Room 228	N/A	SA	11:48	ON	0.3180	1.5900	0.1584
			Max			0.4907	2.4535	0.2444
			Min			0.1373	0.6865	0.0684
JF 8	Room 228	N/A	SA	17:30	OFF	0.4599	2.2995	0.2290
			Max			0.6828	3.4140	0.3400
			Min			0.2610	1.3050	0.1300
JF 9	Room 224	N/A	SA	11:56	ON	0.3168	1.5840	0.1578
			Max			0.4805	2.4025	0.2393
			Min			0.1527	0.7635	0.0760
JF 9	Room 224	N/A	SA	17:14	OFF	0.2147	1.0735	0.1069
			Max			0.4114	2.0570	0.2049
			Min			0.0660	0.3300	0.0329
JF 10	Staff Dining Room	0.9 - 1.8	SA	12:04	ON	0.4536	2.2680	0.2259
			Max			0.6717	3.3585	0.3345
			Min			0.2529	1.2645	0.1259
JF 10	Staff Dining Room	0.9 - 1.8	SA	17:02	OFF	0.2261	1.1305	0.1126
			Max			0.4130	2.0650	0.2057
			Min			0.0378	0.1890	0.0188
JF 11	Room 236	1.2 - 2.1	SA	12:14	ON	0.1017	0.5085	0.0506
			Max			0.2886	1.4430	0.1437
			Min			0.0000	0.0000	0.0000
JF 11	Room 236	1.2 - 2.1	SA	16:54	OFF	0.1017	0.5085	0.0506
			Max			0.2886	1.4430	0.1437
			Min			0.0000	0.0000	0.0000
JF 12	Room 239	1.2 - 2.1	SA	12:23	ON	0.2486	1.2430	0.1238
			Max			0.4659	2.3295	0.2320
			Min			0.0560	0.2800	0.0279
JF 12	Room 239	1.2 - 2.1	SA	16:45	OFF	0.0525	0.2625	0.0261
			Max			0.2342	1.1710	0.1166
			Min			0.0000	0.0000	0.0000
JF 13	Library	0.9 - 1.8	SA	12:36	ON	0.2143	1.0715	0.1067
			Max			0.5473	2.7365	0.2726
			Min			0.0000	0.0000	0.0000
JF 13	Library	0.9 - 1.8	SA	17:42	OFF	0.6230	2.6150	0.2605
			Max			0.7256	3.6280	0.3613
			Min			0.3386	1.6930	0.1686

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum

Table 12: Field Measurements
James Fowler School

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
JF 14	Hall outside room 211A	0.9 - 1.8	SA	12:45	ON	0.1535	0.7675	0.0764
			Max			0.5473	2.7365	0.2726
			Min			0.0000	0.0000	0.0000
JF 14	Hall outside room 211A	0.9 - 1.8	SA	18:00	OFF	0.4252	2.1260	0.2117
			Max			0.6522	3.2610	0.3248
			Min			0.2194	1.0970	0.1093
JF 15	Room 203	N/A	SA	12:53	ON	0.1183	0.5915	0.0589
			Max			0.5473	2.7365	0.2726
			Min			0.0000	0.0000	0.0000
JF 15	Room 203	N/A	SA	18:08	OFF	0.0557	0.2785	0.0277
			Max			0.2691	1.3455	0.1340
			Min			0.0000	0.0000	0.0000
JF 16	Room 217	0.3 - 0.9	SA	13:03	ON	0.1069	0.5345	0.0532
			Max			0.3276	1.6380	0.1631
			Min			0.0000	0.0000	0.0000
JF 16	Room 217	0.3 - 0.9	SA	17:52	OFF	0.3720	1.8600	0.1853
			Max			0.5546	2.7730	0.2762
			Min			0.1868	0.9340	0.0930
JF 17	Room 330	1.5 - 2.4	SA	13:17	ON	0.2139	1.0695	0.1065
			Max			0.4390	2.1950	0.2186
			Min			0.0000	0.0000	0.0000
JF 17	Room 330	1.5 - 2.4	SA	18:45 pm	OFF	0.0666	0.3330	0.0332
			Max			0.6913	3.4565	0.3443
			Min			0.0000	0.0000	0.0000
JF 18	Hall outside room 323	0.9 - 1.8	SA	13:25	ON	0.0982	0.4910	0.0489
			Max			0.3669	1.8345	0.1827
			Min			0.0000	0.0000	0.0000
JF 18	Hall outside room 323	0.9 - 1.8	SA	18:36	OFF	0.0310	0.1550	0.0154
			Max			0.3281	1.6405	0.1634
			Min			0.0000	0.0000	0.0000
JF 19	Room 320	N/A	SA	13:32	ON	0.1506	0.7530	0.0750
			Max			0.3538	1.7690	0.1762
			Min			0.0000	0.0000	0.0000
JF 19	Room 320	N/A	SA	18:29	OFF	0.0207	0.1035	0.0103
			Max			0.7073	3.5365	0.3522
			Min			0.0000	0.0000	0.0000
JF 20	Room 318	0.9 - 1.8	SA	13:42	ON	0.1894	0.9470	0.0943
			Max			0.3866	1.9330	0.1925
			Min			0.0066	0.0330	0.0033
JF 20	Room 318	0.9 - 1.8	SA	18:21	OFF	0.0537	0.2685	0.0267
			Max			1.6630	8.3150	0.8282
			Min			0.0000	0.0000	0.0000
JF 21	Room 331	N/A	SA	13:51	ON	0.1525	0.7625	0.0759
			Max			0.4128	2.0640	0.2056
			Min			0.0000	0.0000	0.0000
JF 21	Room 331	N/A	SA	18:54	OFF	0.0900	0.4500	0.0448
			Max			0.4128	2.0640	0.2056
			Min			0.0000	0.0000	0.0000
JF 22	Room 336	N/A	SA	13:59	ON	0.1400	0.7000	0.0697
			Max			0.3931	1.9655	0.1958
			Min			0.0000	0.0000	0.0000
JF 22	Room 336	N/A	SA	19:12	OFF	0.0630	0.3150	0.0314
			Max			0.2883	1.4415	0.1436
			Min			0.0000	0.0000	0.0000
JF 23	Room 335	3.6 - 4.6	SA	14:22	ON	0.2452	1.2260	0.1221
			Max			0.5176	2.5880	0.2578
			Min			0.0066	0.0330	0.0033
JF 23	Room 335	3.6 - 4.6	SA	19:03	OFF	0.0894	0.4470	0.0445
			Max			0.3245	1.6225	0.1616
			Min			0.0000	0.0000	0.0000
JF 24	Room 343	4.6 - 6.1	SA	14:09	ON	0.2010	1.0050	0.1001
			Max			0.3866	1.9330	0.1925
			Min			0.0000	0.0000	0.0000
JF 24	Room 343	4.6 - 6.1	SA	19:20	OFF	0.0431	0.2155	0.0215
			Max			0.2511	1.2555	0.1250
			Min			0.0000	0.0000	0.0000
JF 25	Dance Studio	3.6 - 4.6	SA	14:42	ON	0.2562	1.2810	0.1276
			Max			0.5430	2.7150	0.2704
			Min			0.0459	0.2295	0.0229
JF 25	Dance Studio	3.6 - 4.6	SA	20:26	OFF	0.0389	0.1945	0.0194
			Max			0.4693	2.3465	0.2337
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



Scale: AS SHOWN
 Project No.: G2S14600A
 Date: 15/01/15
 Drawn by: PH/GB
 File name: CBE.dwg




JAMES FOWLER HIGH SCHOOL
 ADDITIONAL (NOT WI-FI) ELECTROMAGNETIC SOURCES
 CALGARY ALBERTA



Drawing No.
B12



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

**JAMES FOWLER HIGH - FLOOR 1
 ELECTROMAGNETIC RADIATION (EMR) TESTING**

CALGARY

ALBERTA






Drawing No.

B12-1



SECOND FLOOR PLAN

LEGEND

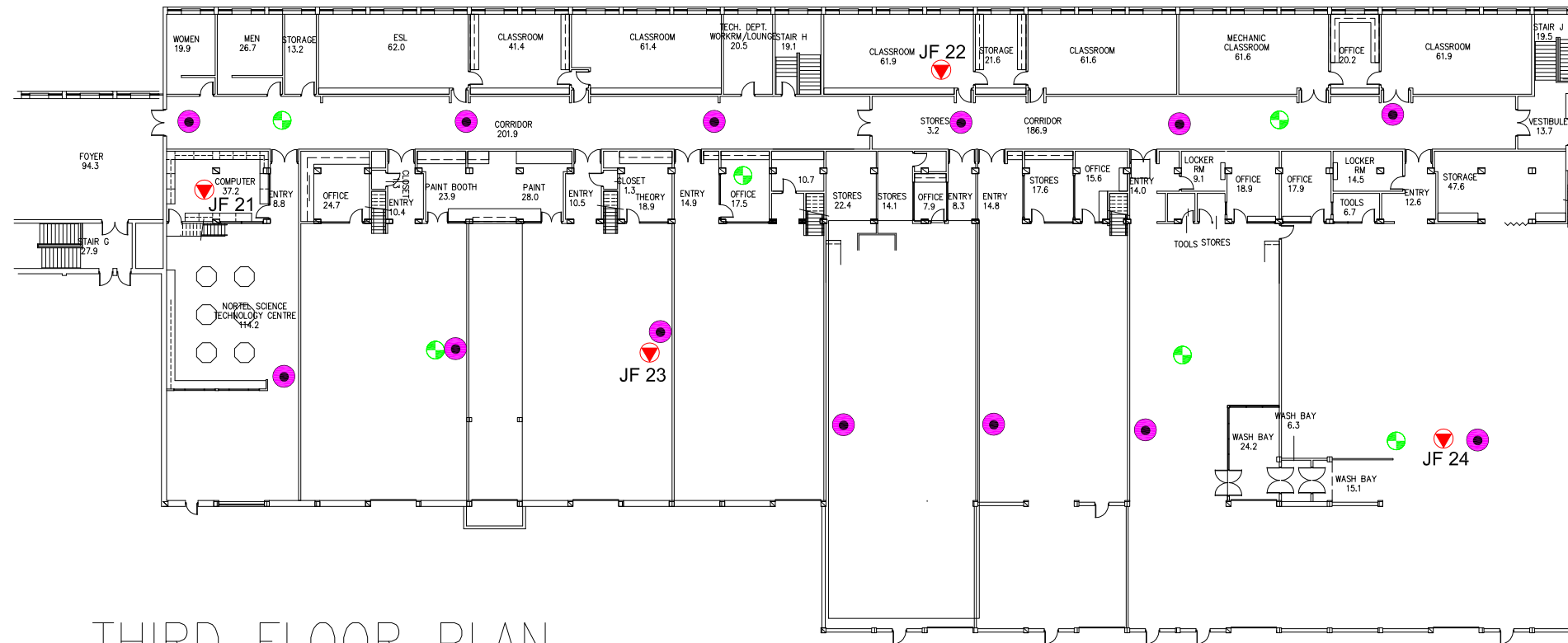
-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

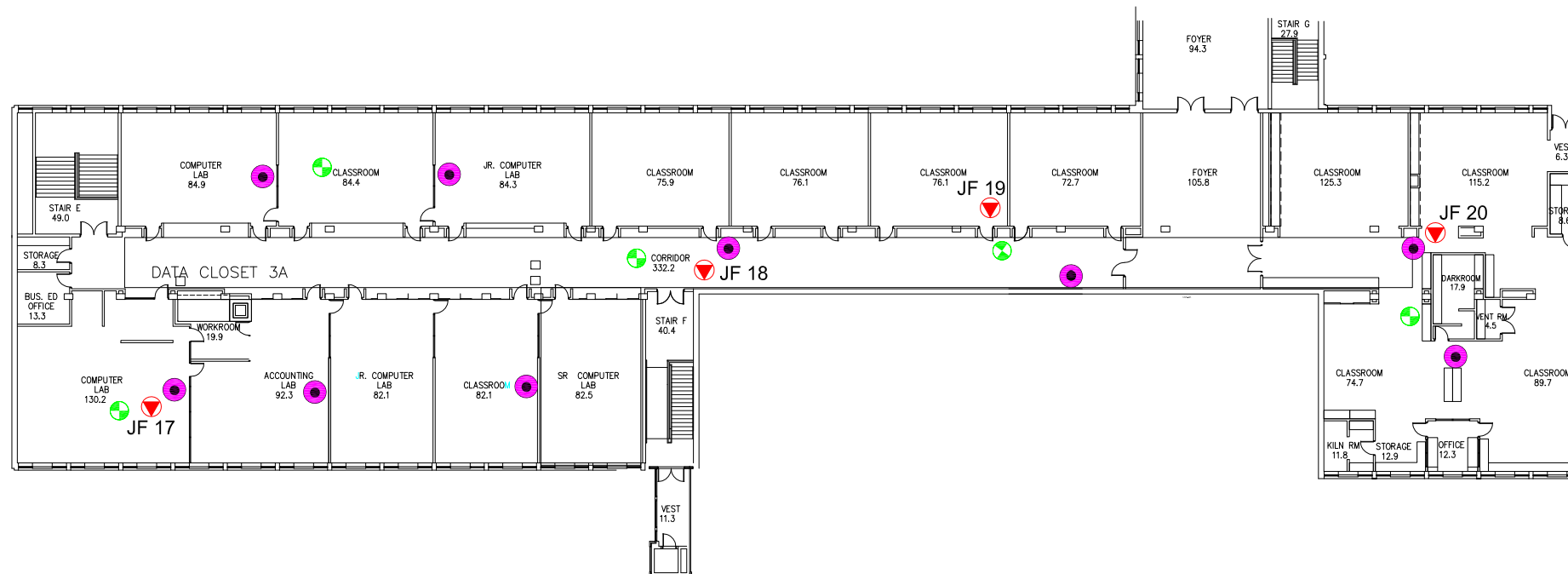
JAMES FOWLER HIGH - FLOOR 2
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA






Drawing No.
B12-2



THIRD FLOOR PLAN



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

JAMES FOWLER HIGH - FLOOR 3
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



Drawing No.

B12-3

**Attachment B13
John Ware School**




Table 13: Field Measurements
John Ware School

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
JW 1	Staff Lounge	0.9 - 1.8	SA	13:02	ON	0.0603	0.3015	0.0300
			Max			0.3582	1.7960	0.1789
			Min			0.0000	0.0000	0.0000
JW 1	Staff Lounge	0.9 - 1.8	SA	16:41	OFF	0.0856	0.4280	0.0426
			Max			0.7059	3.5295	0.3515
			Min			0.0000	0.0000	0.0000
JW 2	Room 8	1.5 - 2.4	SA	13:11	ON	0.1037	0.5185	0.0516
			Max			0.4785	2.3925	0.2383
			Min			0.0000	0.0000	0.0000
JW 2	Room 8	1.5 - 2.4	SA	16:49	OFF	0.0776	0.3880	0.0386
			Max			0.2693	1.3465	0.1341
			Min			0.0000	0.0000	0.0000
JW 3	Room 7	0.9 - 1.8	SA	13:20	ON	0.2418	1.2090	0.1204
			Max			1.3640	6.8200	0.6793
			Min			0.0000	0.0000	0.0000
JW 3	Room 7	0.9 - 1.8	SA	16:56	OFF	0.0887	0.4435	0.0442
			Max			0.6221	3.1105	0.3098
			Min			0.0000	0.0000	0.0000
JW 4	Room 9	1.2 - 2.1	SA	13:29	ON	0.2817	1.4085	0.1403
			Max			0.4581	2.2905	0.2281
			Min			0.0660	0.3300	0.0329
JW 4	Room 9	1.2 - 2.1	SA	17:05	OFF	0.1623	0.8115	0.0808
			Max			0.3535	1.7675	0.1760
			Min			0.0000	0.0000	0.0000
JW 5	Library	1.5 - 2.4	SA	13:37	ON	0.2505	1.2525	0.1247
			Max			0.6370	3.1850	0.3172
			Min			0.0609	0.3045	0.0303
JW 5	Library	1.5 - 2.4	SA	17:14	OFF	0.1595	0.7975	0.0794
			Max			1.0360	5.1800	0.5159
			Min			0.0000	0.0000	0.0000
JW 6	Room 1	1.5 - 2.4	SA	13:46	ON	0.3378	1.6890	0.1682
			Max			0.6538	3.2690	0.3256
			Min			0.1009	0.5045	0.0502
JW 6	Room 1	1.5 - 2.4	SA	17:22	OFF	0.1190	0.5950	0.0593
			Max			0.4518	2.2590	0.2250
			Min			0.0000	0.0000	0.0000
JW 7	Room 18	1.5 - 2.4	SA	13:54	ON	0.3710	1.8550	0.1848
			Max			0.7528	3.7640	0.3749
			Min			0.0609	0.3045	0.0303
JW 7	Room 18	1.5 - 2.4	SA	17:32	OFF	0.1521	0.7605	0.0757
			Max			0.5021	2.5105	0.2500
			Min			0.0000	0.0000	0.0000
JW 8	Room 22	1.5 - 2.4	SA	14:03	ON	0.4598	2.2990	0.2290
			Max			0.7520	3.7600	0.3745
			Min			0.2470	1.2350	0.1230
JW 8	Room 22	1.5 - 2.4	SA	17:41	OFF	0.2038	1.0190	0.1015
			Max			0.4226	2.1130	0.2105
			Min			0.0000	0.0000	0.0000
JW 9	Hall outside gym	0.9 - 1.8	SA	14:12	ON	0.1458	0.7290	0.0726
			Max			0.8988	4.4940	0.4476
			Min			0.0000	0.0000	0.0000
JW 9	Hall outside gym	0.9 - 1.8	SA	17:57	OFF	0.1922	0.9610	0.0957
			Max			0.6620	3.3100	0.3297
			Min			0.0000	0.0000	0.0000
JW 10	Room 13	1.5 - 2.4	SA	14:20	ON	0.1486	0.7430	0.0740
			Max			0.6487	3.2435	0.3231
			Min			0.0000	0.0000	0.0000
JW 10	Room 13	1.5 - 2.4	SA	18:06	OFF	0.1995	0.9975	0.0994
			Max			0.3919	1.9595	0.1952
			Min			0.0131	0.0655	0.0065
JW 11	Room 14	1.5 - 2.4	SA	14:34	ON	0.0508	0.2540	0.0253
			Max			0.2976	1.4880	0.1482
			Min			0.0000	0.0000	0.0000
JW 11	Room 14	1.5 - 2.4	SA	17:50	OFF	0.2126	1.0630	0.1059
			Max			0.4839	2.4195	0.2410
			Min			0.0328	0.1640	0.0163

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

JOHN WARE SCHOOL
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



Drawing No.

B13

Attachment B14
Lester B. Pearson High School

Table 14: Field Measurements
Lester B. Pearson H.S.

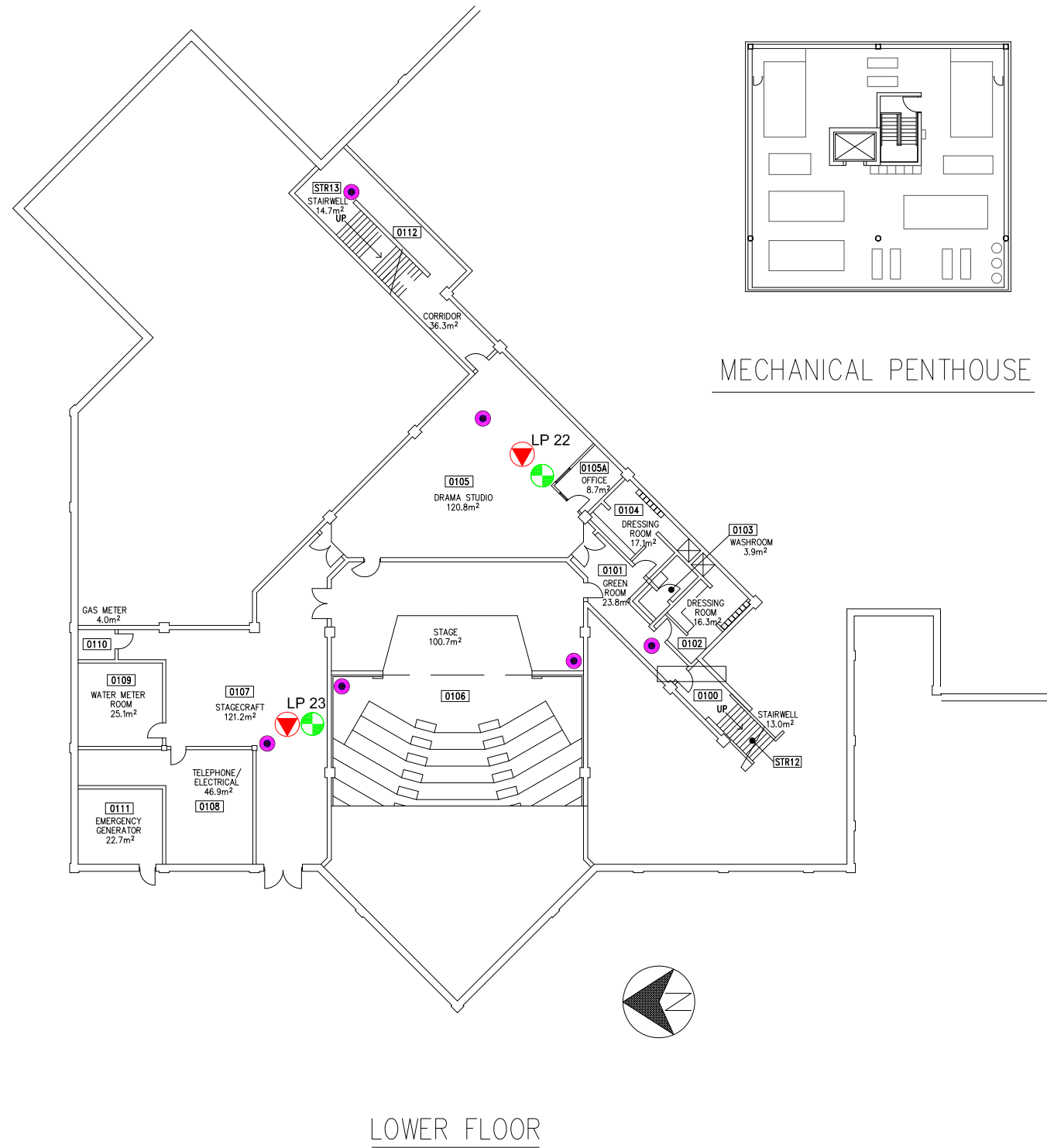
Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
LP 1	Information Centre	0.3 - 1.2	SA	11:34	ON	0.0956	0.4780	0.0476
			Max			0.2916	1.4580	0.1452
			Min			0.0000	0.0000	0.0000
LP 1	Information Centre	0.3 - 1.2	SA	17:58	OFF	0.1215	0.6075	0.0605
			Max			0.6287	3.1435	0.3131
			Min			0.0000	0.0000	0.0000
LP 2	Room 1102	N/A	SA	11:45	ON	0.1588	0.7940	0.0791
			Max			0.3191	1.5955	0.1589
			Min			0.0000	0.0000	0.0000
LP 2	Room 1102	N/A	SA	16:44	OFF	0.0121	0.0605	0.0060
			Max			0.1769	0.8845	0.0881
			Min			0.0000	0.0000	0.0000
LP 3	Room 1121	0.9 - 1.8	SA	11:53	ON	0.2483	1.2415	0.1237
			Max			0.4500	2.2500	0.2241
			Min			0.0690	0.3450	0.0344
LP 3	Room 1121	0.9 - 1.8	SA	16:52	OFF	0.1108	0.5540	0.0552
			Max			0.9145	4.5725	0.4554
			Min			0.0000	0.0000	0.0000
LP 4	Room 1120	0.9 - 1.8	SA	12:11	ON	0.3159	1.5795	0.1573
			Max			0.5583	2.7915	0.2780
			Min			0.1547	0.7735	0.0770
LP 4	Room 1120	0.9 - 1.8	SA	17:00	OFF	0.0458	0.2290	0.0228
			Max			0.2074	1.0370	0.1033
			Min			0.0000	0.0000	0.0000
LP 5	Room 1133	0.9 - 1.8	SA	12:20	ON	0.3983	1.9915	0.1984
			Max			0.6477	3.2385	0.3226
			Min			0.1873	0.9365	0.0933
LP 5	Room 1133	0.9 - 1.8	SA	17:10	OFF	0.0610	0.3050	0.0304
			Max			0.4410	2.2050	0.2196
			Min			0.0000	0.0000	0.0000
LP 6	Office	0.6 - 1.5	SA	12:29	ON	0.4271	2.1355	0.2127
			Max			0.8837	4.4185	0.4401
			Min			0.2362	1.1810	0.1176
LP 6	Office	0.6 - 1.5	SA	17:22	OFF	0.0579	0.2895	0.0288
			Max			0.5217	2.6085	0.2598
			Min			0.0000	0.0000	0.0000
LP 7	Room 1164	0.6 - 1.5	SA	14:00	ON	0.0528	0.2640	0.0263
			Max			0.2670	1.3350	0.1330
			Min			0.0000	0.0000	0.0000
LP 7	Room 1164	0.6 - 1.5	SA	17:38	OFF	0.0880	0.4400	0.0438
			Max			0.6615	3.3075	0.3294
			Min			0.0000	0.0000	0.0000
LP 8	Room 1151	0.6 - 1.5	SA	14:07	ON	0.1230	0.6150	0.0613
			Max			0.2886	1.4430	0.1437
			Min			0.0000	0.0000	0.0000
LP 8	Room 1151	0.6 - 1.5	SA	17:30	OFF	0.0825	0.4125	0.0411
			Max			0.5026	2.5130	0.2503
			Min			0.0000	0.0000	0.0000
LP 9	Room 1183	0.6 - 1.5	SA	14:16	ON	0.1875	0.9375	0.0934
			Max			0.4143	2.0715	0.2063
			Min			0.0051	0.0255	0.0025
LP 9	Room 1183	0.6 - 1.5	SA	19:19	OFF	0.1277	0.6385	0.0636
			Max			0.3710	1.8550	0.1848
			Min			0.0000	0.0000	0.0000
LP 10	Room 1184	1.5 - 2.4	SA	14:25	ON	0.3189	1.5945	0.1588
			Max			0.5404	2.7020	0.2691
			Min			0.0355	0.1775	0.0177
LP 10	Room 1184	1.5 - 2.4	SA	19:25	OFF	0.1424	0.7120	0.0709
			Max			0.6818	3.4090	0.3395
			Min			0.0000	0.0000	0.0000
LP 11	Room 1186	0.9 - 1.8	SA	14:33	ON	0.2788	1.3940	0.1388
			Max			0.4690	2.3450	0.2336
			Min			0.0596	0.2980	0.0297
LP 11	Room 1186	0.9 - 1.8	SA	19:27	OFF	0.1449	0.7245	0.0722
			Max			0.7386	3.6930	0.3678
			Min			0.0000	0.0000	0.0000
LP 12	Hall outside 1196	0.9 - 1.8	SA	14:41	ON	0.2513	1.2565	0.1251
			Max			0.4835	2.4175	0.2408
			Min			0.0421	0.2105	0.0210
LP 12	Hall outside 1196	0.9 - 1.8	SA	19:43	OFF	0.1377	0.6885	0.0686
			Max			0.3863	1.9315	0.1924
			Min			0.0000	0.0000	0.0000
LP 13	Room 2137	0.9 - 1.8	SA	14:51	ON	0.2198	1.0990	0.1095
			Max			1.4250	7.1250	0.7097
			Min			0.0000	0.0000	0.0000
LP 13	Room 2137	0.9 - 1.8	SA	17:59	OFF	0.0964	0.4820	0.0480
			Max			0.3281	1.6405	0.1634
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum




Table 14: Field Measurements
Lester B. Pearson H.S.

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
LP 14	Hallway outside room 2142	0.6 - 1.5	SA	14:58	ON	0.2349	1.1745	0.1170
			Max			0.4312	2.1560	0.2147
			Min			0.0655	0.3275	0.0326
LP 14	Hallway outside room 2142	0.6 - 1.5	SA	18:06	OFF	0.1018	0.5090	0.0507
			Max			0.8356	4.1780	0.4161
			Min			0.0000	0.0000	0.0000
LP 15	Room 2154	1.5 - 2.4	SA	15:07	ON	0.2134	1.0670	0.1063
			Max			0.4252	2.1260	0.2117
			Min			0.0000	0.0000	0.0000
LP 15	Room 2154	1.5 - 2.4	SA	18:15	OFF	0.0373	0.1865	0.0186
			Max			0.2097	1.0485	0.1044
			Min			0.0000	0.0000	0.0000
LP 16	Room 2161	1.5 - 2.4	SA	15:15	ON	0.3219	1.6095	0.1603
			Max			0.5055	2.5275	0.2517
			Min			0.1519	0.7595	0.0756
LP 16	Room 2161	1.5 - 2.4	SA	18:24	OFF	0.0394	0.1970	0.0196
			Max			0.5448	2.7240	0.2713
			Min			0.0000	0.0000	0.0000
LP 17	Room 2166/2167	N/A	SA	15:24	ON	0.3427	1.7135	0.1707
			Max			0.5285	2.6425	0.2632
			Min			0.1569	0.7845	0.0781
LP 17	Room 2166/2167	N/A	SA	18:32	OFF	0.0849	0.4245	0.0423
			Max			0.4652	2.3260	0.2317
			Min			0.0000	0.0000	0.0000
LP 18	Room 2172	0.6 - 1.5	SA	15:31	ON	0.3336	1.6680	0.1661
			Max			0.5993	2.9965	0.2985
			Min			0.0914	0.4570	0.0455
LP 18	Room 2172	0.6 - 1.5	SA	18:42	OFF	0.0542	0.2710	0.0270
			Max			0.3761	1.8805	0.1873
			Min			0.0000	0.0000	0.0000
LP 19	Hall outside room 2101	1.5 - 2.4	SA	15:39	ON	0.3041	1.5205	0.1514
			Max			0.5511	2.7555	0.2744
			Min			0.1168	0.5840	0.0582
LP 19	Hall outside room 2101	1.5 - 2.4	SA	18:51	OFF	0.0530	0.2650	0.0264
			Max			0.2290	1.1450	0.1140
			Min			0.0000	0.0000	0.0000
LP 20	Room 2112	1.5 - 2.4	SA	15:46	ON	0.2684	1.3420	0.1337
			Max			0.5431	2.7155	0.2705
			Min			0.0770	0.3850	0.0383
LP 20	Room 2112	1.5 - 2.4	SA	18:59	OFF	0.0863	0.4315	0.0430
			Max			0.4254	2.1270	0.2118
			Min			0.0000	0.0000	0.0000
LP 21	Room 2122	0.9 - 1.8	SA	15:55	ON	0.2912	1.4560	0.1450
			Max			0.6191	3.0955	0.3083
			Min			0.0908	0.4540	0.0452
LP 21	Room 2122	0.9 - 1.8	SA	19:08	OFF	0.0893	0.4465	0.0445
			Max			0.8004	4.0020	0.3986
			Min			0.0000	0.0000	0.0000
LP 22	Room 0105	0.9 - 1.8	SA	16:09	ON	0.2814	1.4070	0.1401
			Max			0.4617	2.3085	0.2299
			Min			0.1089	0.5445	0.0542
LP 22	Room 0105	0.9 - 1.8	SA	16:34	OFF	0.0201	0.1005	0.0100
			Max			0.3419	1.7095	0.1703
			Min			0.0000	0.0000	0.0000
LP 23	Room 0107	0.6 - 1.5	SA	16:18	ON	0.3353	1.6765	0.1670
			Max			0.5665	2.8325	0.2821
			Min			0.1672	0.8360	0.0833
LP 23	Room 0107	0.6 - 1.5	SA	16:27	OFF	0.0390	0.1950	0.0194
			Max			0.2031	1.0155	0.1011
			Min			0.0000	0.0000	0.0000

AP = Access Point
 SA = Spatial Average
 Max = Maximum
 Min = Minimum



LEGEND

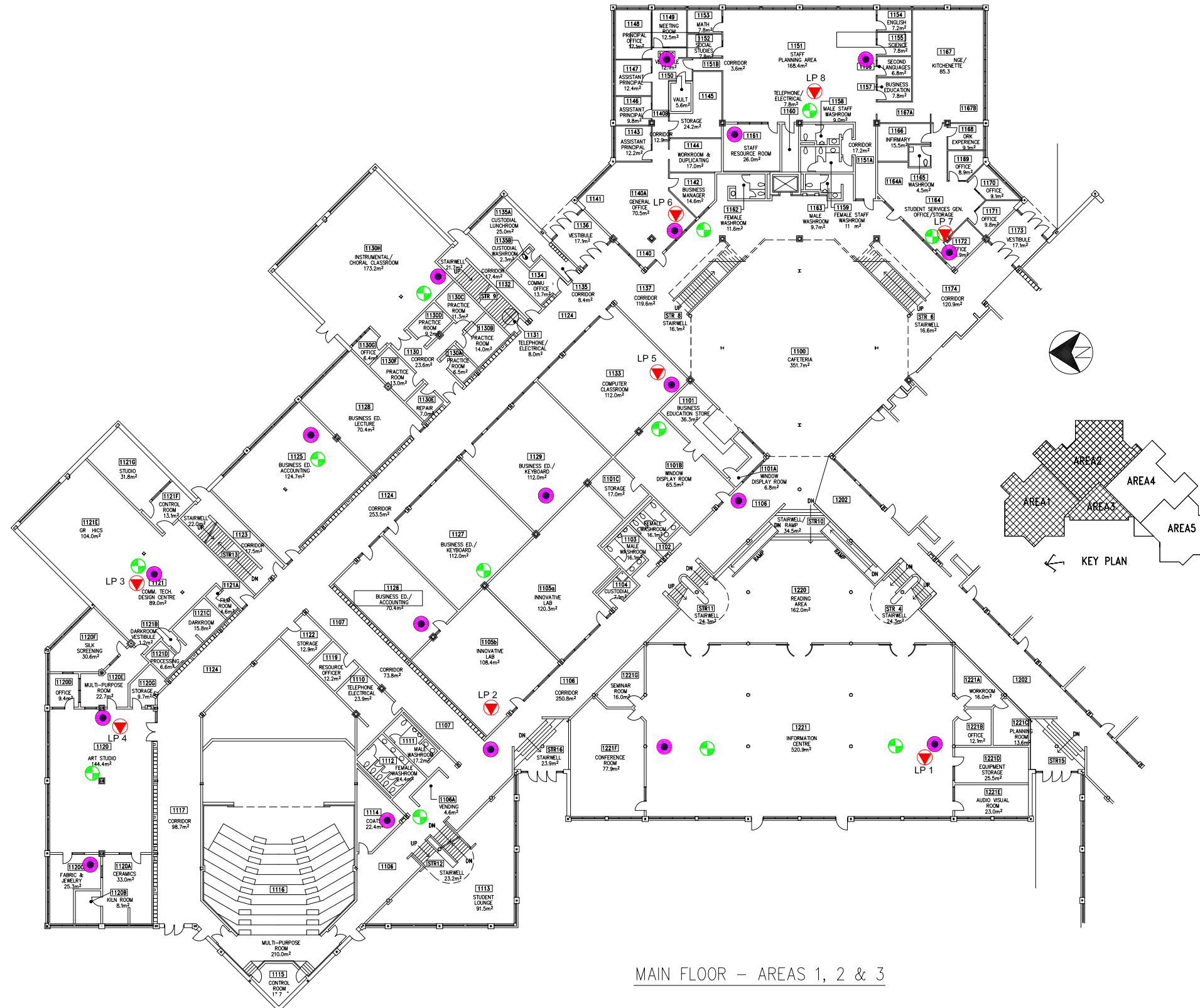
-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

LESTER B. PEARSON HIGH - FLOOR 1
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA






Drawing No.
B14- 1



MAIN FLOOR - AREAS 1, 2 & 3

LEGEND

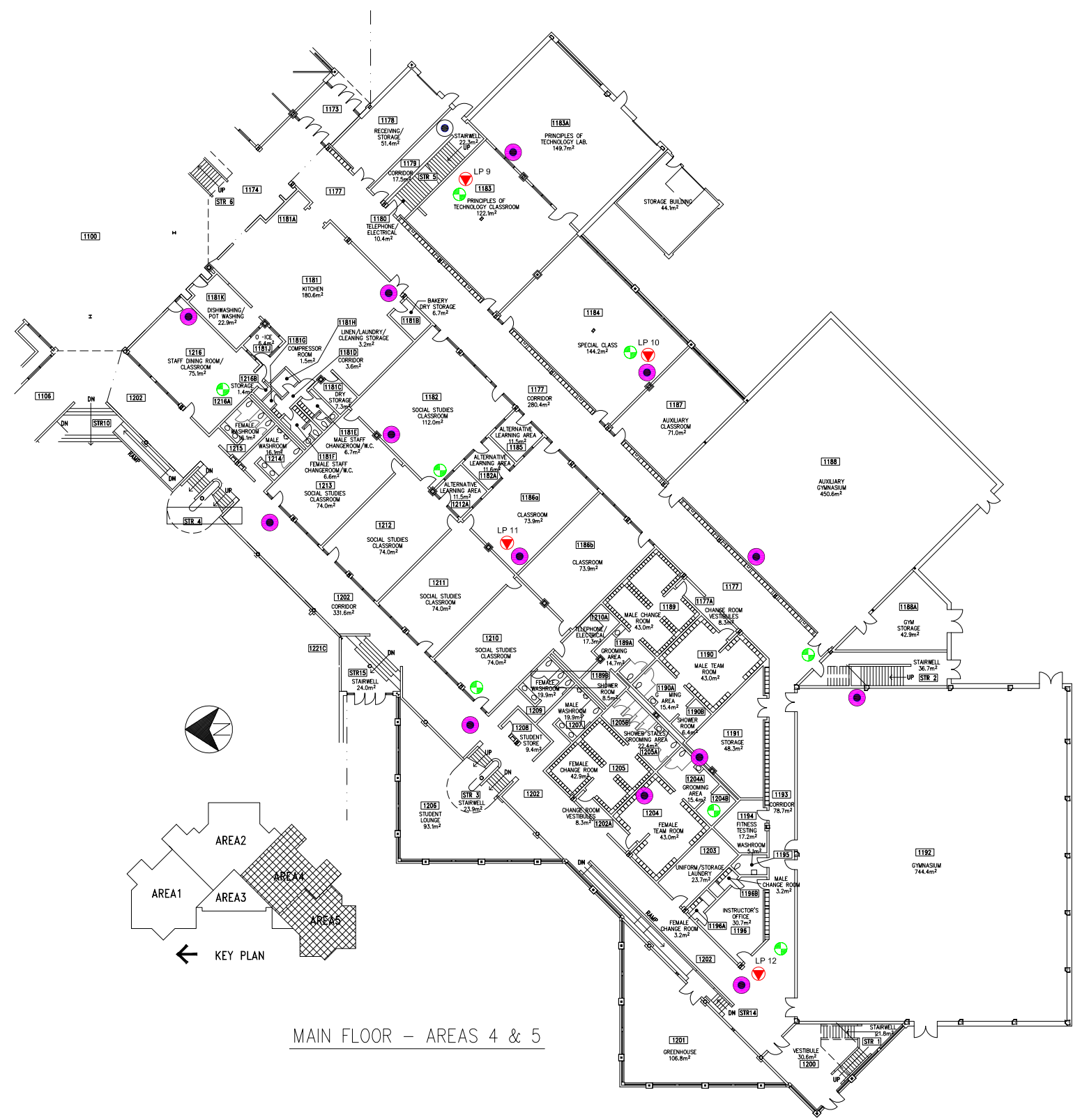
-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

LESTER B. PEARSON HIGH - FLOOR 2
AREAS 1, 2 & 3
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA






Drawing No.
B14-2



MAIN FLOOR - AREAS 4 & 5

LEGEND

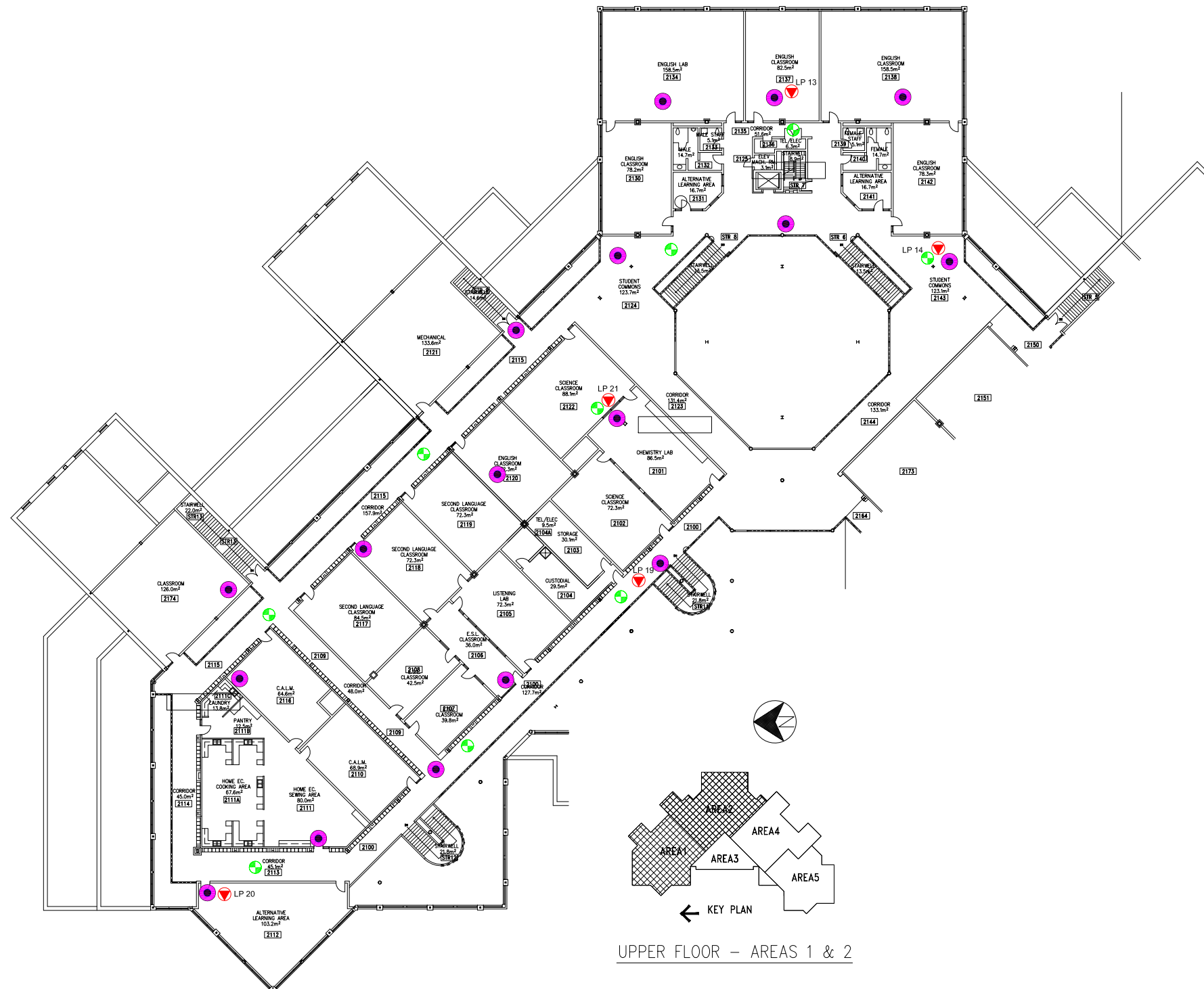
-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

LESTER B. PEARSON HIGH - FLOOR 2
AREAS 4 & 5
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA






Drawing No.
B14-3



UPPER FLOOR – AREAS 1 & 2

LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

LESTER B. PEARSON HIGH - FLOOR 3
AREAS 1 & 2
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA






Drawing No.
B14-4



UPPER FLOOR - AREAS 4 & 5

LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

LESTER B. PEARSON HIGH - FLOOR 3
AREAS 4 & 5
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



Drawing No.

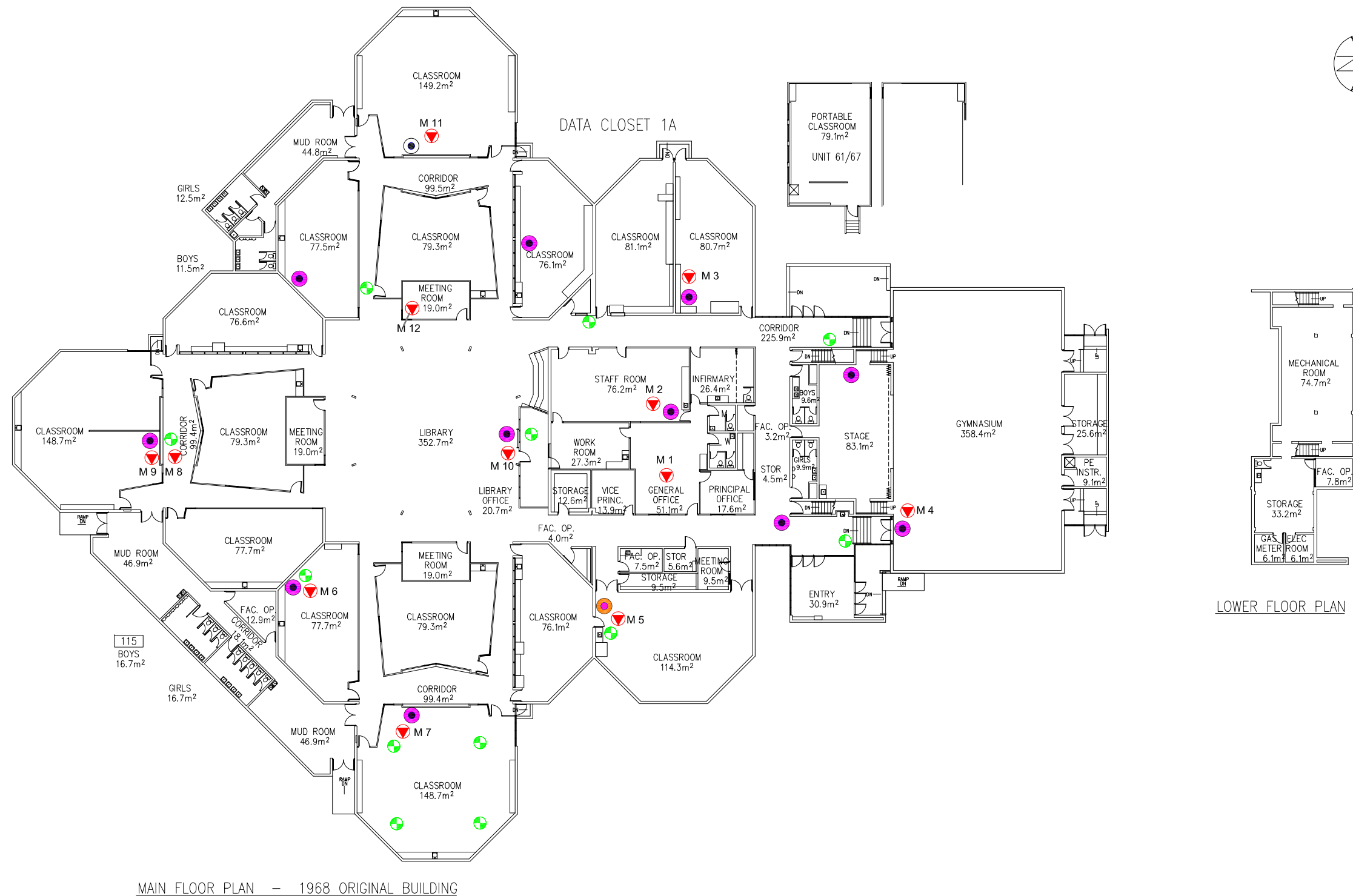
B14-5

**Attachment B15
Marlborough School**




**Table 15: Field Measurements
Malborough School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
M 1	Central Office	N/A	SA	9:03	ON	0.0437	0.2185	0.0218
			Max			0.5574	2.7870	0.2776
			Min			0.0000	0.0000	0.0000
M 1	Central Office	N/A	SA	19:09	OFF	0.0652	0.3260	0.0325
			Max			0.5407	2.7035	0.2693
			Min			0.0000	0.0000	0.0000
M 2	Staff Room	0.9 - 1.8	SA	9:10	ON	0.1146	0.5730	0.0571
			Max			0.8105	4.0525	0.4036
			Min			0.0000	0.0000	0.0000
M 2	Staff Room	0.9 - 1.8	SA	19:02	OFF	0.0584	0.2920	0.0291
			Max			1.2040	6.0200	0.5996
			Min			0.0000	0.0000	0.0000
M 3	Room 18	0.9 - 1.8	SA	9:17	ON	0.1490	0.7450	0.0742
			Max			0.9065	4.5325	0.4514
			Min			0.0000	0.0000	0.0000
M 3	Room 18	0.9 - 1.8	SA	19:17	OFF	0.1351	0.6755	0.0673
			Max			1.2070	6.0350	0.6011
			Min			0.0000	0.0000	0.0000
M 4	Gym	1.8 - 2.7	SA	9:27	ON	0.1989	0.9945	0.0991
			Max			0.6880	3.4400	0.3426
			Min			0.0000	0.0000	0.0000
M 4	Gym	1.8 - 2.7	SA	19:25	OFF	0.1365	0.6825	0.0680
			Max			0.8032	4.0160	0.4000
			Min			0.0000	0.0000	0.0000
M 5	Room 1	1.8 - 2.7	SA	9:35	ON	0.1788	0.8940	0.0890
			Max			0.5129	2.5645	0.2554
			Min			0.0000	0.0000	0.0000
M 5	Room 1	1.8 - 2.7	SA	19:34	OFF	0.0894	0.4470	0.0445
			Max			0.6046	3.0230	0.3011
			Min			0.0000	0.0000	0.0000
M 6	Room 6	0.6 - 1.5	SA	9:45	ON	0.0918	0.4590	0.0457
			Max			0.8287	4.1435	0.4127
			Min			0.0000	0.0000	0.0000
M 6	Room 6	0.6 - 1.5	SA	19:50	OFF	0.0380	0.1900	0.0189
			Max			1.9710	9.8550	0.9816
			Min			0.0000	0.0000	0.0000
M 7	Room 4 and 5	0.9 - 1.8	SA	9:53	ON	0.1554	0.7770	0.0774
			Max			1.0370	5.1850	0.5164
			Min			0.0000	0.0000	0.0000
M 7	Room 4 and 5	0.9 - 1.8	SA	19:42	OFF	0.0838	0.4190	0.0417
			Max			1.2410	6.2050	0.6180
			Min			0.0000	0.0000	0.0000
M 8	Hall outside room 9 and 10	0.9 - 1.8	SA	10:01	ON	0.2369	1.1845	0.1180
			Max			0.8798	4.3990	0.4381
			Min			0.0000	0.0000	0.0000
M 8	Hall outside room 9 and 10	0.9 - 1.8	SA	19:58	OFF	0.0413	0.2065	0.0206
			Max			0.9191	4.5955	0.4577
			Min			0.0000	0.0000	0.0000
M 9	Room 9	1.2 - 2.1	SA	10:09	ON	0.2769	1.3845	0.1379
			Max			0.5259	2.6295	0.2619
			Min			0.0894	0.4470	0.0445
M 9	Room 9	1.2 - 2.1	SA	20:06	OFF	0.0556	0.2780	0.0277
			Max			0.2261	1.1305	0.1126
			Min			0.0000	0.0000	0.0000
M 10	Library	0.9 - 1.8	SA	10:18	ON	0.2641	1.3205	0.1315
			Max			1.1280	5.6400	0.5617
			Min			0.0102	0.0510	0.0051
M 10	Library	0.9 - 1.8	SA	20:14	OFF	0.0419	0.2095	0.0209
			Max			0.9928	4.9640	0.4944
			Min			0.0000	0.0000	0.0000
M 11	Room 14 and 15	0.9 - 1.8	SA	10:27	ON	0.2018	1.0090	0.1005
			Max			0.9697	4.8485	0.4829
			Min			0.0000	0.0000	0.0000
M 11	Room 14 and 15	0.9 - 1.8	SA	20:30	OFF	0.1190	0.5950	0.0593
			Max			0.5720	2.8600	0.2849
			Min			0.0000	0.0000	0.0000
M 12	West Meeting Room	N/A	SA	10:36	ON	0.2383	1.1915	0.1187
			Max			1.5670	7.8350	0.7804
			Min			0.0000	0.0000	0.0000
M 12	West Meeting Room	N/A	SA	20:22	OFF	0.0966	0.4830	0.0481
			Max			1.4340	7.1700	0.7141
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

MALBOROUGH
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



Drawing No.

B15

Attachment B16
Olympic Heights School

**Table 16: Field Measurements
Olympic Heights School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
OH 1	Library	0.9 - 1.8	SA	12:59	ON	0.0077	0.0385	0.0038
			Max			0.0914	0.4570	0.0455
			Min			0.0000	0.0000	0.0000
OH 1	Library	0.9 - 1.8	SA	17:04	OFF	0.0491	0.2455	0.0245
			Max			0.3735	1.8675	0.1860
			Min			0.0000	0.0000	0.0000
OH 2	Room 11	0.9 - 1.8	SA	13:08	ON	0.0671	0.3355	0.0334
			Max			0.2487	1.2435	0.1239
			Min			0.0000	0.0000	0.0000
OH 2	Room 11	0.9 - 1.8	SA	17:12	OFF	0.0679	0.3395	0.0338
			Max			0.3735	1.8675	0.1860
			Min			0.0000	0.0000	0.0000
OH 3	Room 10	1.2 - 2.1	SA	13:16	ON	0.2046	1.0230	0.1019
			Max			0.3947	1.9735	0.1966
			Min			0.0197	0.0985	0.0098
OH 3	Room 10	1.2 - 2.1	SA	17:19	OFF	0.1728	0.8640	0.0861
			Max			1.0330	5.1650	0.5144
			Min			0.0000	0.0000	0.0000
OH 4	Room 5	1.2 - 2.1	SA	13:26	ON	0.0426	0.2130	0.0212
			Max			0.2267	1.1335	0.1129
			Min			0.0000	0.0000	0.0000
OH 4	Room 5	1.2 - 2.1	SA	17:28	OFF	0.1341	0.6705	0.0668
			Max			0.3676	1.8380	0.1831
			Min			0.0000	0.0000	0.0000
OH 5	Room 1	1.2 - 2.1	SA	13:35	ON	0.0200	0.1000	0.0100
			Max			0.1700	0.8500	0.0847
			Min			0.0000	0.0000	0.0000
OH 5	Room 1	1.2 - 2.1	SA	17:35	OFF	0.0838	0.4190	0.0417
			Max			0.2686	1.3430	0.1338
			Min			0.0000	0.0000	0.0000
OH 6	General Office	1.2 - 2.1	SA	13:43	ON	0.0432	0.2160	0.0215
			Max			0.2683	1.3415	0.1336
			Min			0.0000	0.0000	0.0000
OH 6	General Office	1.2 - 2.1	SA	17:44	OFF	0.0666	0.3330	0.0332
			Max			0.2555	1.2775	0.1272
			Min			0.0000	0.0000	0.0000
OH 7	Room 21	1.2 - 2.1	SA	13:52	ON	0.1265	0.6325	0.0630
			Max			0.4072	2.0360	0.2028
			Min			0.0000	0.0000	0.0000
OH 7	Room 21	1.2 - 2.1	SA	17:52	OFF	0.1092	0.5460	0.0544
			Max			0.3080	1.5400	0.1534
			Min			0.0000	0.0000	0.0000
OH 8	Room 25	N/A	SA	14:00	ON	0.1300	0.6500	0.0647
			Max			0.3562	1.7810	0.1774
			Min			0.0000	0.0000	0.0000
OH 8	Room 25	N/A	SA	17:59	OFF	0.1629	0.8145	0.0811
			Max			0.3735	1.8675	0.1860
			Min			0.0000	0.0000	0.0000
OH 9	Room 12	1.2 - 2.1	SA	14:09	ON	0.1256	0.6280	0.0625
			Max			0.3740	1.8700	0.1863
			Min			0.0000	0.0000	0.0000
OH 9	Room 12	1.2 - 2.1	SA	18:09	OFF	0.2130	1.0650	0.1061
			Max			0.4456	2.2280	0.2219
			Min			0.0131	0.0655	0.0065
OH 10	Hall outside room 14 and 17	0.6 - 1.5	SA	14:16	ON	0.1762	0.8810	0.0877
			Max			0.4413	2.2065	0.2198
			Min			0.0262	0.1310	0.0130
OH 10	Hall outside room 14 and 17	0.6 - 1.5	SA	18:17	OFF	0.1371	0.6855	0.0683
			Max			0.3727	1.8635	0.1856
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



Scale: AS SHOWN
 Project No.: G2S14600A
 Date: 15/01/15
 Drawn by: PH/GB
 File name: CBE.dwg

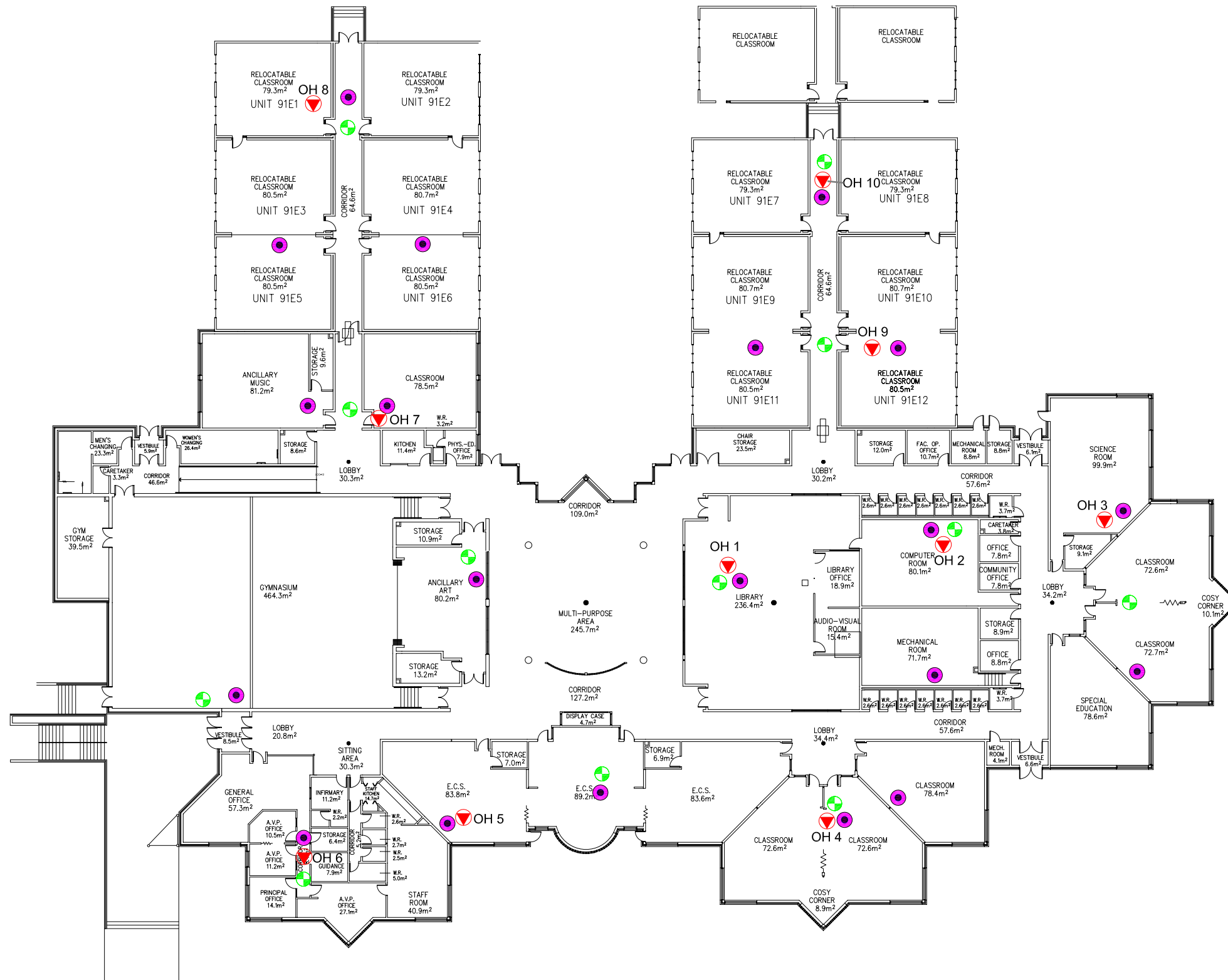
OLYMPIC HEIGHTS SCHOOL

ADDITIONAL (NOT WI-FI) ELECTROMAGNETIC SOURCES




CALGARY ALBERTA



Drawing No.
B16



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

**OLYMPIC HEIGHTS SCHOOL
 ELECTROMAGNETIC RADIATION (EMR) TESTING**

CALGARY

ALBERTA



Drawing No.

B16

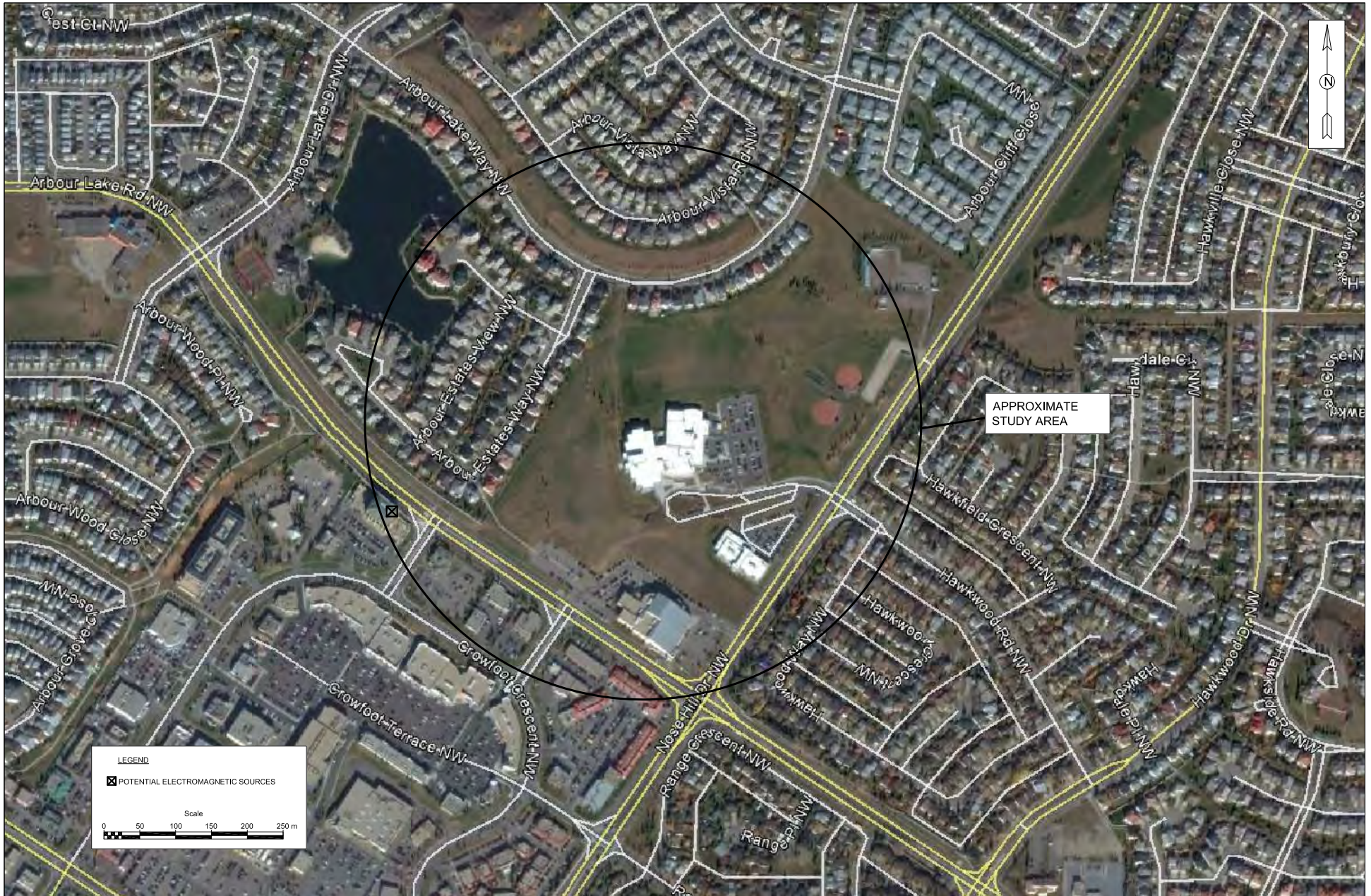
Attachment B17
Robert Thirsk High School

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
RT 1	Room 314	1.5 - 2.4	SA	10:10	ON	0.0482	0.2410	0.0240
			Max			0.1910	0.9550	0.0951
			Min			0.0000	0.0000	0.0000
RT 1	Room 314	1.5 - 2.4	SA	17:14	OFF	0.0633	0.3165	0.0315
			Max			0.2293	1.1465	0.1142
			Min			0.0000	0.0000	0.0000
RT 2	Room 340	1.2 - 2.4	SA	10:18	ON	0.1457	0.7285	0.0726
			Max			0.4289	2.1445	0.2136
			Min			0.0000	0.0000	0.0000
RT 2	Room 340	1.2 - 2.4	SA	17:21	OFF	0.1105	0.5525	0.0550
			Max			0.3543	1.7715	0.1764
			Min			0.0000	0.0000	0.0000
RT 3	Room 307	1.5 - 2.4	SA	10:27	ON	0.3035	1.5175	0.1511
			Max			0.4952	2.4760	0.2466
			Min			0.1060	0.5300	0.0528
RT 3	Room 307	1.5 - 2.4	SA	17:29	OFF	0.1577	0.7885	0.0785
			Max			0.3543	1.7715	0.1764
			Min			0.0000	0.0000	0.0000
RT 4	Room 344	1.8 - 2.7	SA	10:34	ON	0.4160	2.0800	0.2072
			Max			0.5724	2.8620	0.2851
			Min			0.2021	1.0105	0.1006
RT 4	Room 344	1.8 - 2.7	SA	17:37	OFF	0.2097	1.0485	0.1044
			Max			0.3987	1.9935	0.1986
			Min			0.0000	0.0000	0.0000
RT 5	Student work area between 326/327	1.5 - 2.4	SA	10:45	ON	0.1181	0.5905	0.0588
			Max			0.3396	1.6980	0.1691
			Min			0.0000	0.0000	0.0000
RT 5	Student work area between 326/327	1.5 - 2.4	SA	17:46	OFF	0.1587	0.7935	0.0790
			Max			0.3987	1.9935	0.1986
			Min			0.0000	0.0000	0.0000
RT 6	Student work area between 214 and 217	1.5 - 2.4	SA	10:57	ON	0.0600	0.3000	0.0299
			Max			0.2945	1.4725	0.1467
			Min			0.0000	0.0000	0.0000
RT 6	Student work area between 214 and 217	1.5 - 2.4	SA	17:55	OFF	0.1025	0.5125	0.0510
			Max			0.2997	1.4985	0.1493
			Min			0.0000	0.0000	0.0000
RT 7	Room 210	1.5 - 2.4	SA	11:05	ON	0.1156	0.5780	0.0576
			Max			0.3622	1.8110	0.1804
			Min			0.0000	0.0000	0.0000
RT 7	Room 210	1.5 - 2.4	SA	18:11	OFF	0.2453	1.2265	0.1222
			Max			0.4698	2.3490	0.2340
			Min			0.0552	0.2760	0.0275
RT 8	Room 203	1.5 - 2.4	SA	11:14	ON	0.1544	0.7720	0.0769
			Max			0.3512	1.7560	0.1749
			Min			0.0000	0.0000	0.0000
RT 8	Room 203	1.5 - 2.4	SA	18:20	OFF	0.1767	0.8835	0.0880
			Max			0.3592	1.7960	0.1789
			Min			0.0197	0.0985	0.0098
RT 9	Room 221	1.5 - 2.4	SA	11:24	ON	0.1706	0.8530	0.0850
			Max			0.4220	2.1100	0.2102
			Min			0.0000	0.0000	0.0000
RT 9	Room 221	1.5 - 2.4	SA	18:02	OFF	0.2131	1.0655	0.1061
			Max			0.4050	2.0250	0.2017
			Min			0.0334	0.1670	0.0166
RT 10	Learning Commons Room 145	2.1 - 3.0	SA	11:33	ON	0.2223	1.1115	0.1107
			Max			0.4665	2.3325	0.2323
			Min			0.0000	0.0000	0.0000
RT 10	Learning Commons Room 145	2.1 - 3.0	SA	18:29	OFF	0.1981	0.9905	0.0987
			Max			0.4785	2.3925	0.2383
			Min			0.0254	0.1270	0.0126
RT 11	Cafeteria	2.7 - 3.6	SA	11:41	ON	0.2537	1.2685	0.1263
			Max			0.5178	2.5890	0.2579
			Min			0.0000	0.0000	0.0000
RT 11	Cafeteria	2.7 - 3.6	SA	18:37	OFF	0.2583	1.2915	0.1286
			Max			0.6780	3.3900	0.3376
			Min			0.0436	0.2180	0.0217
RT 12	Room 153	1.8 - 2.7	SA	11:49	ON	0.3035	1.5175	0.1511
			Max			0.7073	3.5365	0.3522
			Min			0.0000	0.0000	0.0000
RT 12	Room 153	1.8 - 2.7	SA	18:45	OFF	0.2350	1.1750	0.1170
			Max			0.4634	2.3170	0.2308
			Min			0.0051	0.0255	0.0025
RT 13	Main Office	1.5 - 2.4	SA	11:59	ON	0.1806	0.9030	0.0899
			Max			0.4113	2.0565	0.2048
			Min			0.0000	0.0000	0.0000
RT 13	Main Office	1.5 - 2.4	SA	18:53	OFF	0.0999	0.4995	0.0498
			Max			0.3178	1.5890	0.1583
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
RT 14	Cafeteria serving area	0.9 - 1.8	SA	12:09	ON	0.1406	0.7030	0.0700
			Max			0.4113	2.0565	0.2048
			Min			0.0000	0.0000	0.0000
RT 14	Cafeteria serving area	0.9 - 1.8	SA	19:01	OFF	0.0586	0.2930	0.0292
			Max			0.2079	1.0395	0.1035
			Min			0.0000	0.0000	0.0000
RT 15	Room 191	1.5 - 2.4	SA	12:17	ON	0.1822	0.9110	0.0907
			Max			0.4521	2.2605	0.2251
			Min			0.0000	0.0000	0.0000
RT 15	Room 191	1.5 - 2.4	SA	19:44	OFF	0.0603	0.3015	0.0300
			Max			0.2632	1.3160	0.1311
			Min			0.0000	0.0000	0.0000
RT 16	Room 159	N/A	SA	12:25	ON	0.1928	0.9640	0.0960
			Max			0.4521	2.2605	0.2251
			Min			0.0000	0.0000	0.0000
RT 16	Room 159	N/A	SA	19:12	OFF	0.0476	0.2380	0.0237
			Max			0.2167	1.0835	0.1079
			Min			0.0000	0.0000	0.0000
RT 17	Room 181	1.8 - 2.7	SA	12:33	ON	0.2436	1.2180	0.1213
			Max			0.4521	2.2605	0.2251
			Min			0.0852	0.4260	0.0424
RT 17	Room 181	1.8 - 2.7	SA	19:28	OFF	0.0749	0.3745	0.0373
			Max			0.2474	1.2370	0.1232
			Min			0.0000	0.0000	0.0000
RT 18	Room 176	1.8 - 2.7	SA	12:42	ON	0.0657	0.3285	0.0327
			Max			0.4521	2.2605	0.2251
			Min			0.0000	0.0000	0.0000
RT 18	Room 176	1.8 - 2.7	SA	19:20	OFF	0.0868	0.4340	0.0432
			Max			0.3149	1.5745	0.1568
			Min			0.0000	0.0000	0.0000
RT 19	Work/ Computer area near room 17	1.5 - 2.4	SA	12:56	ON	0.0625	0.3125	0.0311
			Max			0.2195	1.0975	0.1093
			Min			0.0000	0.0000	0.0000
RT 19	Work/ Computer area near room 17	1.5 - 2.4	SA	19:54	OFF	0.0486	0.2430	0.0242
			Max			0.2057	1.0285	0.1024
			Min			0.0000	0.0000	0.0000
RT 20	Room 17	1.5 - 2.4	SA	13:04	ON	0.1538	0.7690	0.0766
			Max			0.4248	2.1240	0.2116
			Min			0.0000	0.0000	0.0000
RT 20	Room 17	1.5 - 2.4	SA	20:02	OFF	0.1211	0.6055	0.0603
			Max			0.5979	2.9895	0.2978
			Min			0.0000	0.0000	0.0000
RT 21	Room 28	N/A	SA	13:12	ON	0.1304	0.6520	0.0649
			Max			0.3491	1.7455	0.1739
			Min			0.0000	0.0000	0.0000
RT 21	Room 28	N/A	SA	20:10	OFF	0.1228	0.6140	0.0612
			Max			0.2814	1.4070	0.1401
			Min			0.0000	0.0000	0.0000
RT 22	Room 9	1.5 - 2.4	SA	13:21	ON	0.1476	0.7380	0.0735
			Max			0.3322	1.6610	0.1654
			Min			0.0000	0.0000	0.0000
RT 22	Room 9	1.5 - 2.4	SA	20:19	OFF	0.1376	0.6880	0.0685
			Max			0.3063	1.5315	0.1525
			Min			0.0000	0.0000	0.0000
RT 23	Room 003	1.5 - 2.4	SA	13:29	ON	0.1895	0.9475	0.0944
			Max			0.3874	1.9370	0.1929
			Min			0.0254	0.1270	0.0126
RT 23	Room 003	1.5 - 2.4	SA	20:27	OFF	0.1235	0.6175	0.0615
			Max			0.3289	1.6445	0.1638
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



Scale: AS SHOWN
 Project No.: G2S14600A
 Date: 15/01/15
 Drawn by: PH/GB
 File name: CBE.dwg

ROBERT THIRSK HIGH SCHOOL
 ADDITIONAL (NOT WI-FI) ELECTROMAGNETIC SOURCES

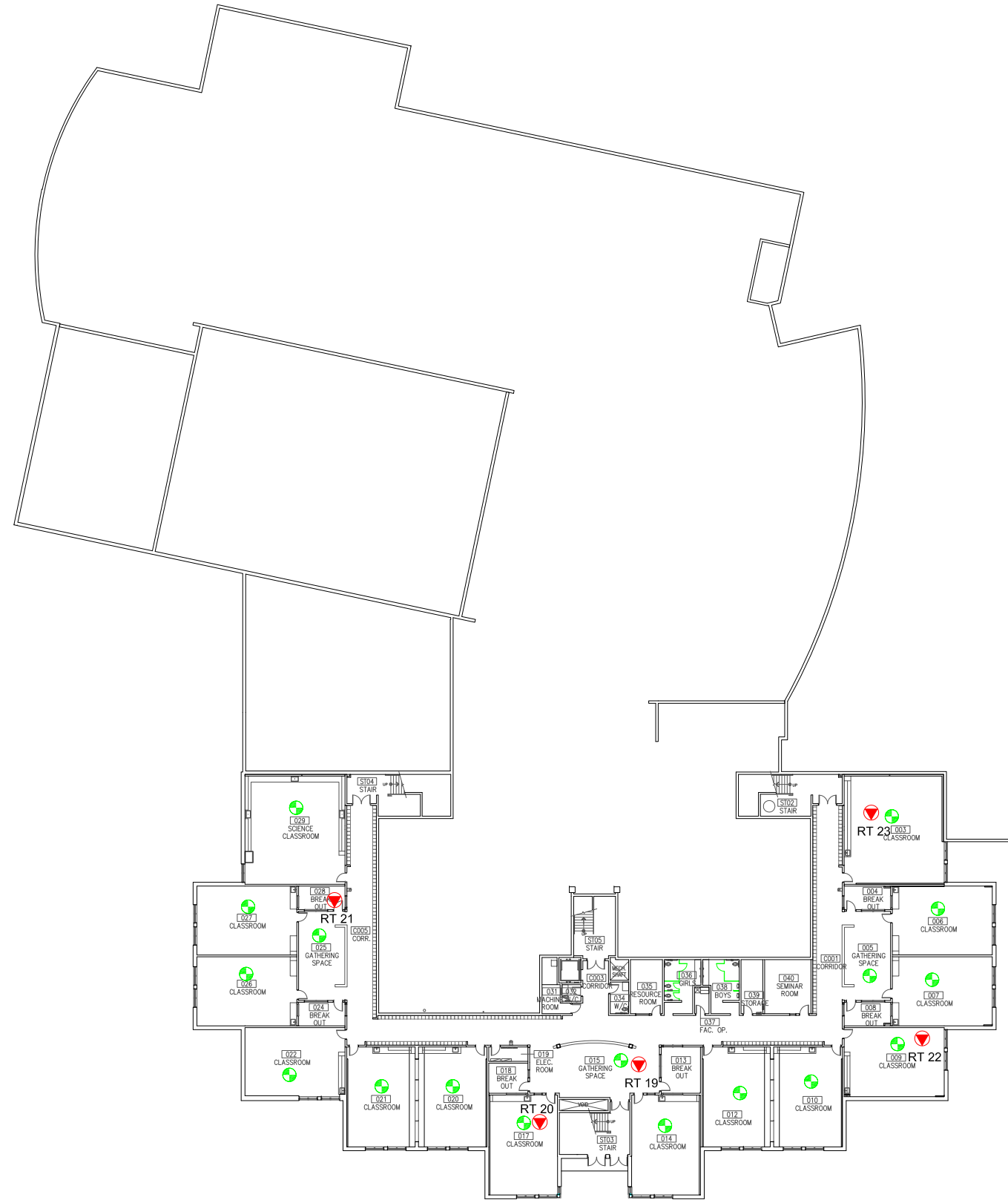
CALGARY

ALBERTA





Drawing No.

B17



LEGEND

-  ACCESS POINT LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

**ROBERT THIRSK HIGH - FLOOR 1
 ELECTROMAGNETIC RADIATION (EMR) TESTING**

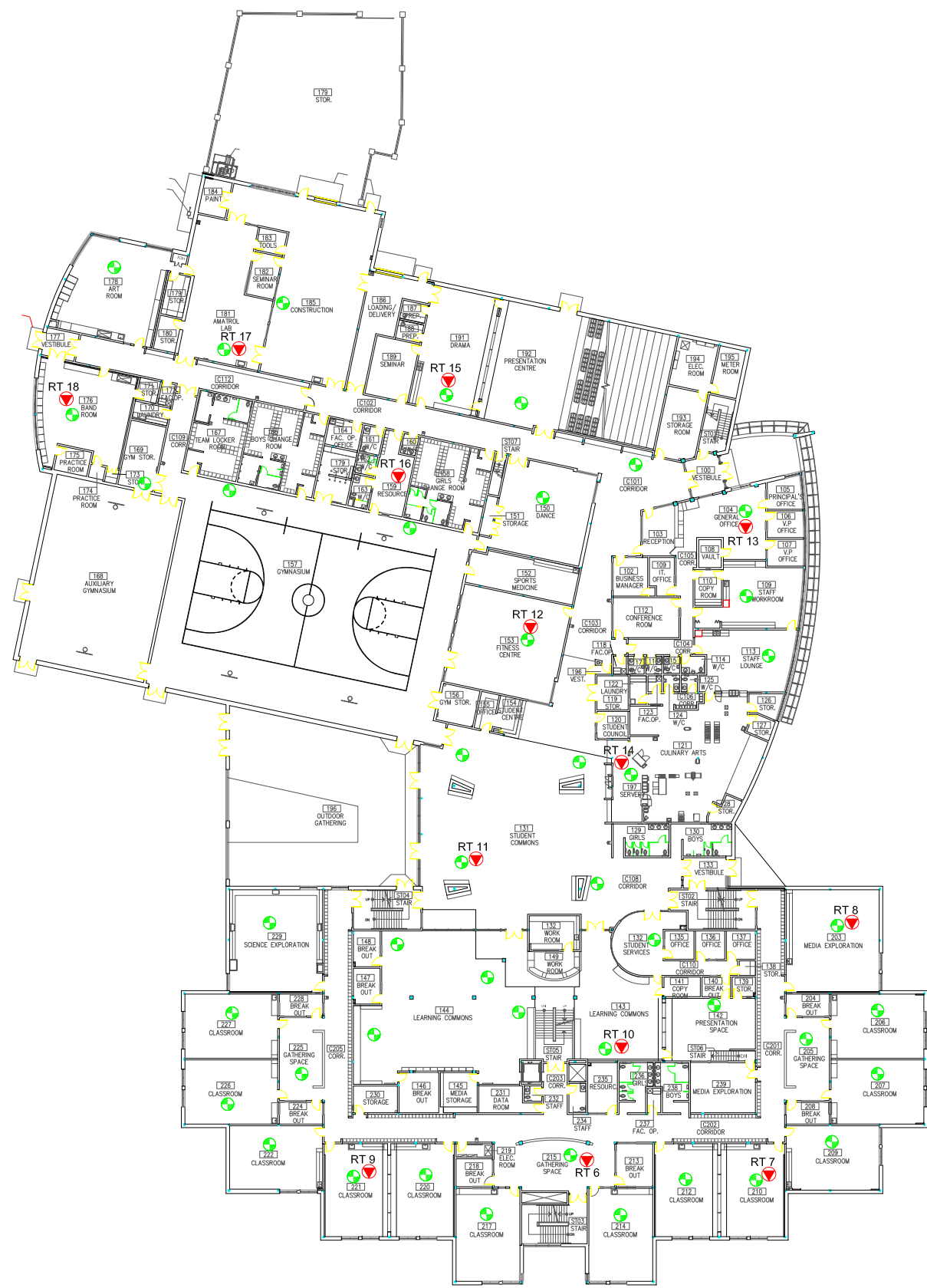
CALGARY

ALBERTA





Drawing No.

B17-1



LEGEND

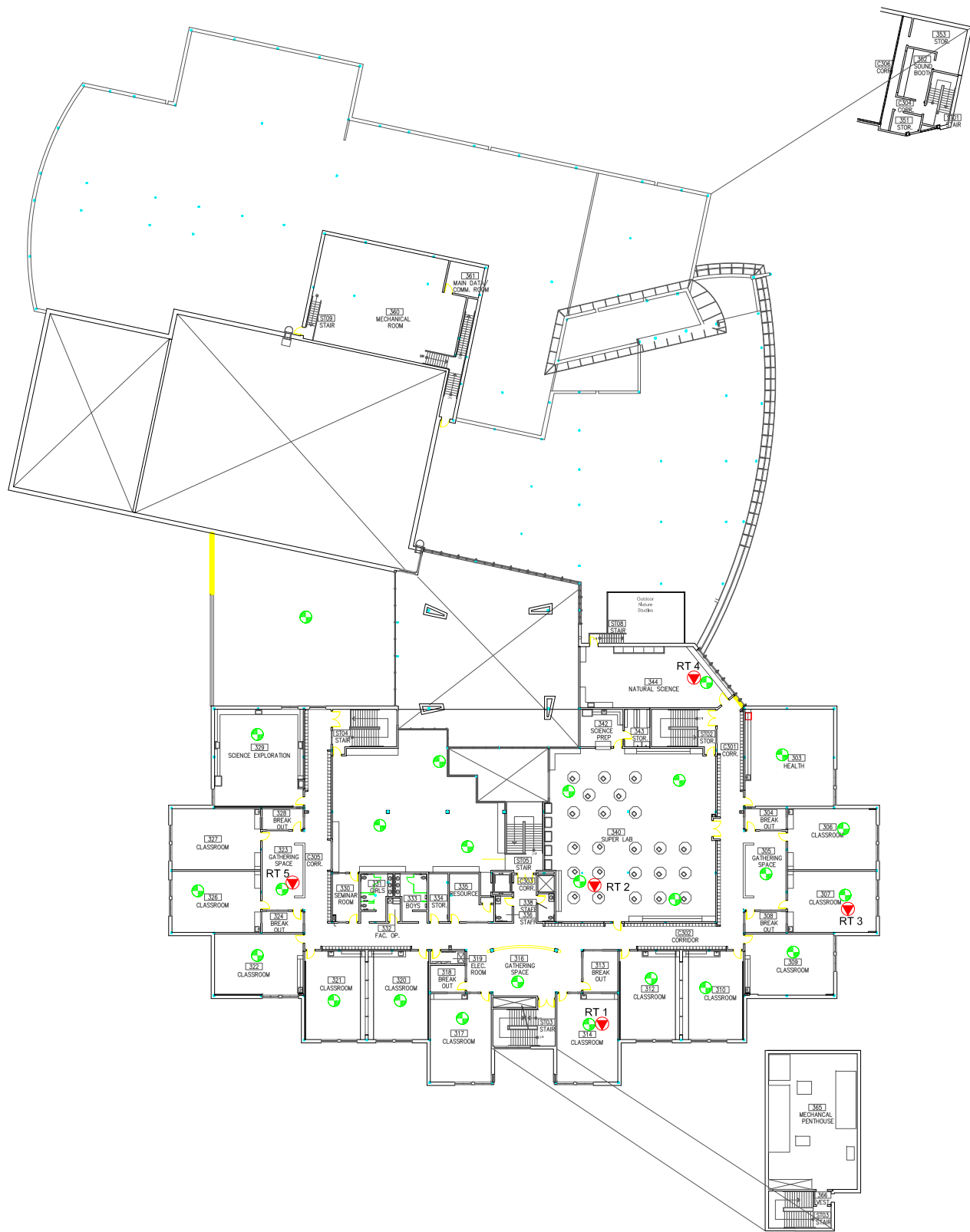
-  ACCESS POINT LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg



ROBERT THIRSK HIGH - FLOOR 2 & 3
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



Drawing No.
B17-2



LEGEND

-  ACCESS POINT LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

ROBERT THIRSK HIGH - FLOOR 4
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



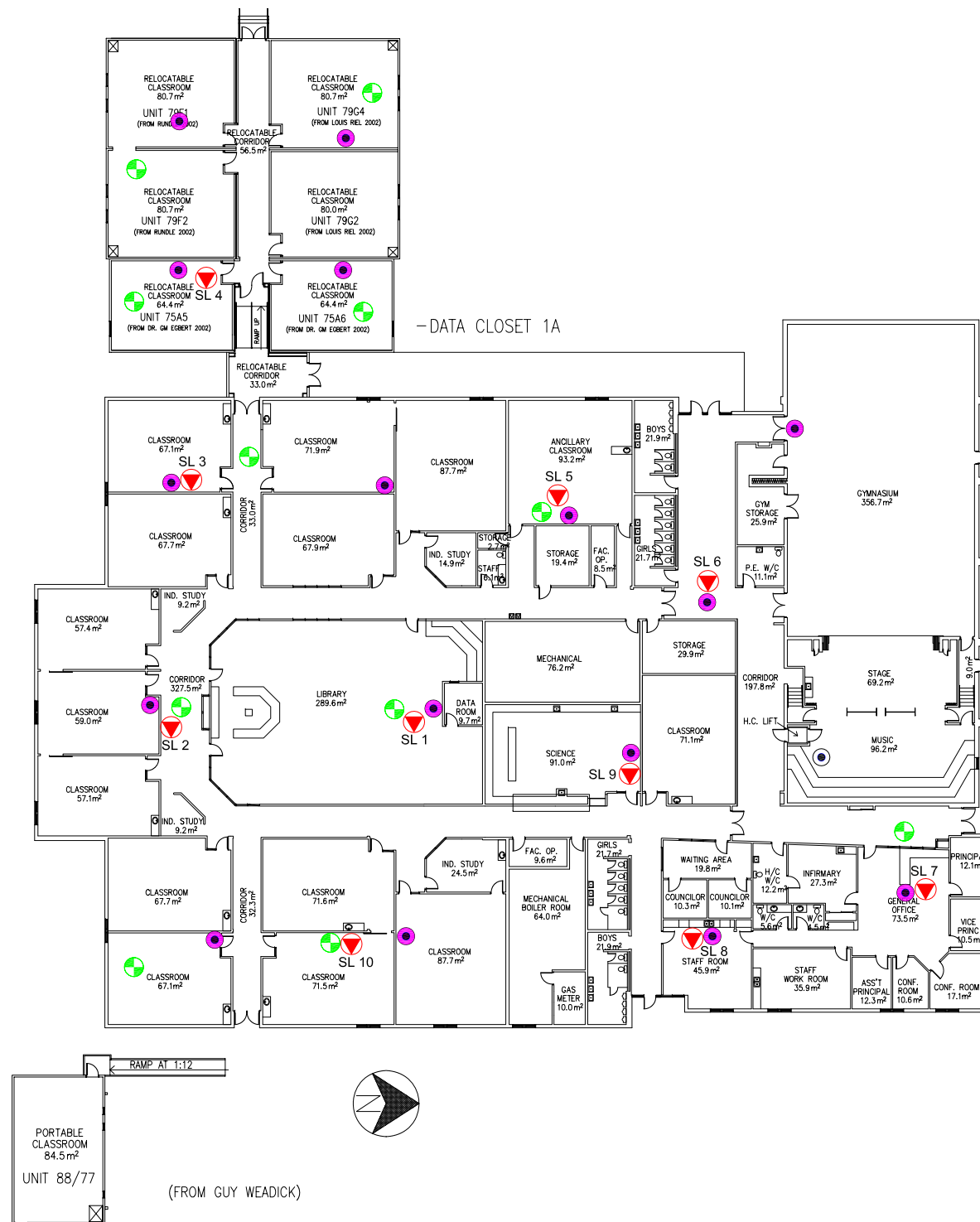
Drawing No.
B17-3

**Attachment B18
Sam Livingston School**




**Table 18: Field Measurements
Sam Livingston School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
SL 1	Library	1.2 - 2.1	SA	9:04	ON	0.0747	0.3735	0.0372
			Max			0.2892	1.4460	0.1440
			Min			0.0000	0.0000	0.0000
SL 1	Library	1.2 - 2.1	SA	18:37	OFF	0.0064	0.0320	0.0032
			Max			0.2365	1.1825	0.1178
			Min			0.0000	0.0000	0.0000
SL 2	Hall outside library	1.2 - 2.1	SA	9:12	ON	0.2118	1.0590	0.1055
			Max			0.5793	2.8965	0.2885
			Min			0.0305	0.1525	0.0152
SL 2	Hall outside library	1.2 - 2.1	SA	18:44	OFF	0.0470	0.2350	0.0234
			Max			0.3062	1.5310	0.1525
			Min			0.0000	0.0000	0.0000
SL 3	Room 12	1.2 - 2.1	SA	9:20	ON	0.3858	1.9290	0.1921
			Max			0.6187	3.0935	0.3081
			Min			0.1787	0.8935	0.0890
SL 3	Room 12	1.2 - 2.1	SA	18:52	OFF	0.1387	0.6935	0.0691
			Max			1.2880	6.4400	0.6414
			Min			0.0000	0.0000	0.0000
SL 4	Room 19	0.9 - 1.8	SA	9:28	ON	0.4373	2.1865	0.2178
			Max			0.6362	3.1810	0.3168
			Min			0.2482	1.2410	0.1236
SL 4	Room 19	0.9 - 1.8	SA	19:01	OFF	0.2485	1.2425	0.1238
			Max			0.4015	2.0075	0.1999
			Min			0.0706	0.3530	0.0352
SL 5	Room 16	0.9 - 1.8	SA	9:37	ON	0.4338	2.1690	0.2160
			Max			0.8041	4.0205	0.4004
			Min			0.2222	1.1110	0.1107
SL 5	Room 16	0.9 - 1.8	SA	19:11	OFF	0.2337	1.1685	0.1164
			Max			0.7053	3.5265	0.3512
			Min			0.0102	0.0510	0.0051
SL 6	Hall outside gym	0.6 - 1.5	SA	9:46	ON	0.4472	2.2360	0.2227
			Max			0.6449	3.2245	0.3212
			Min			0.2718	1.3590	0.1354
SL 6	Hall outside gym	0.6 - 1.5	SA	19:18	OFF	0.2675	1.3375	0.1332
			Max			0.4479	2.2395	0.2231
			Min			0.0131	0.0655	0.0065
SL 7	General Office	0.6 - 1.5	SA	9:54	ON	0.4336	2.1680	0.2159
			Max			0.6216	3.1080	0.3096
			Min			0.1168	0.5840	0.0582
SL 7	General Office	0.6 - 1.5	SA	19:26	OFF	0.2706	1.3530	0.1348
			Max			0.4987	2.4935	0.2484
			Min			0.1060	0.5300	0.0528
SL 8	Staff Room	0.6 - 1.5	SA	10:01	ON	0.0570	0.2850	0.0284
			Max			0.4801	2.4005	0.2391
			Min			0.0000	0.0000	0.0000
SL 8	Staff Room	0.6 - 1.5	SA	19:33	OFF	0.2657	1.3285	0.1323
			Max			0.8029	4.0145	0.3998
			Min			0.0813	0.4065	0.0405
SL 9	Room 2	0.6 - 1.5	SA	10:08	ON	0.0775	0.3875	0.0386
			Max			1.1040	5.5200	0.5498
			Min			0.0000	0.0000	0.0000
SL 9	Room 2	0.6 - 1.5	SA	19:40	OFF	0.3138	1.5690	0.1563
			Max			0.8218	4.1090	0.4093
			Min			0.0609	0.3045	0.0303
SL 10	Room 4	0.9 - 1.8	SA	10:17	ON	0.0480	0.2400	0.0239
			Max			0.2303	1.1515	0.1147
			Min			0.0000	0.0000	0.0000
SL 10	Room 4	0.9 - 1.8	SA	19:51	OFF	0.2901	1.4505	0.1445
			Max			0.4536	2.2680	0.2259
			Min			0.1045	0.5225	0.0520

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

SAM LIVINGSTON SCHOOL
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



Drawing No.

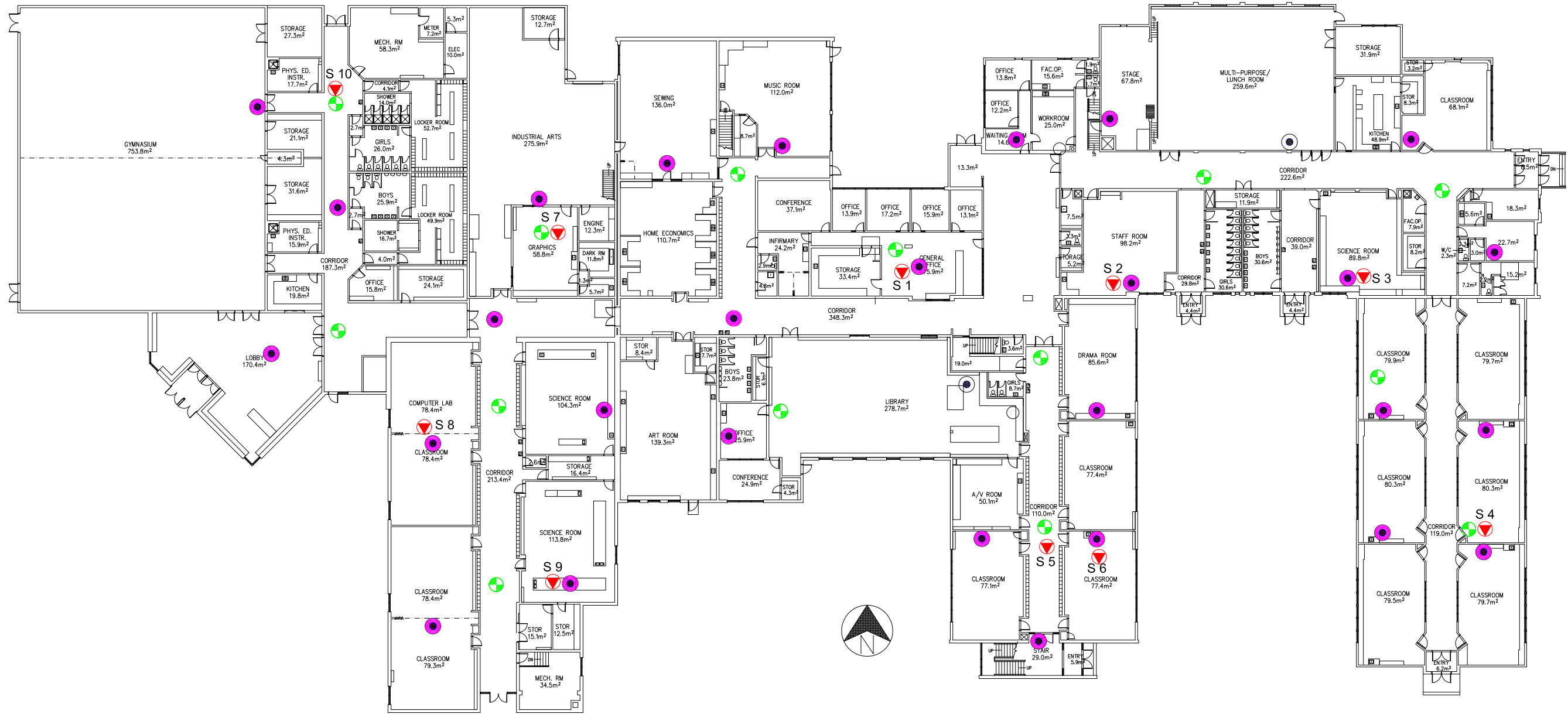
B18

**Attachment B19
Sherwood School**

**Table 19: Field Measurements
Sherwood School**




Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
S 1	General Office	0.3 - 1.2	SA	9:18	ON	0.0694	0.3470	0.0346
			Max			0.7363	3.6815	0.3667
			Min			0.0000	0.0000	0.0000
S 1	General Office	0.3 - 1.2	SA	19:17	OFF	0.0316	0.1580	0.0157
			Max			0.3800	1.9000	0.1892
			Min			0.0000	0.0000	0.0000
S 2	Staff Room	0.3 - 1.2	SA	9:28	ON	0.1418	0.7090	0.0706
			Max			0.3816	1.9080	0.1900
			Min			0.0000	0.0000	0.0000
S 2	Staff Room	0.3 - 1.2	SA	19:25	OFF	0.0083	0.0415	0.0041
			Max			0.1977	0.9885	0.0985
			Min			0.0000	0.0000	0.0000
S 3	Room 8	0.6 - 1.5	SA	9:40	ON	0.3258	1.6290	0.1622
			Max			0.7250	3.6250	0.3611
			Min			0.1125	0.5625	0.0560
S 3	Room 8	0.6 - 1.5	SA	19:33	OFF	0.0377	0.1885	0.0188
			Max			0.4247	2.1235	0.2115
			Min			0.0000	0.0000	0.0000
S 4	Room 2	0.9 - 1.8	SA	9:49	ON	0.2979	1.4895	0.1484
			Max			0.6768	3.3840	0.3370
			Min			0.1219	0.6095	0.0607
S 4	Room 2	0.9 - 1.8	SA	19:41	OFF	0.2382	1.1910	0.1186
			Max			0.4428	2.2140	0.2205
			Min			0.0197	0.0985	0.0098
S 5	Hall outside room 12	0.3 - 1.2	SA	9:59	ON	0.3645	1.8225	0.1815
			Max			0.6747	3.3735	0.3360
			Min			0.1946	0.9730	0.0969
S 5	Hall outside room 12	0.3 - 1.2	SA	19:59	OFF	0.0935	0.4675	0.0466
			Max			1.1660	5.8300	0.5807
			Min			0.0000	0.0000	0.0000
S 6	Room 12	1.5 - 2.4	SA	10:06	ON	0.3157	1.5785	0.1572
			Max			0.6711	3.3555	0.3342
			Min			0.0813	0.4065	0.0405
S 6	Room 12	1.5 - 2.4	SA	19:50	OFF	0.3746	1.8730	0.1866
			Max			0.5680	2.8400	0.2829
			Min			0.1096	0.5480	0.0546
S 7	Room 23	0.3 - 1.2	SA	10:16	ON	0.1310	0.6550	0.0652
			Max			0.9208	4.6040	0.4586
			Min			0.0000	0.0000	0.0000
S 7	Room 23	0.3 - 1.2	SA	20:07	OFF	0.1536	0.7680	0.0765
			Max			0.5959	2.9795	0.2968
			Min			0.0000	0.0000	0.0000
S 8	Room 24	1.5 - 2.4	SA	10:26	ON	0.1419	0.7095	0.0707
			Max			0.7782	3.8910	0.3875
			Min			0.0000	0.0000	0.0000
S 8	Room 24	1.5 - 2.4	SA	20:19	OFF	0.2149	1.0745	0.1070
			Max			0.5432	2.7160	0.2705
			Min			0.0000	0.0000	0.0000
S 9	Room 23	0.6 - 1.5	SA	10:35	ON	0.1805	0.9025	0.0899
			Max			0.6683	3.3415	0.3328
			Min			0.0000	0.0000	0.0000
S 9	Room 23	0.6 - 1.5	SA	20:28	OFF	0.1887	0.9435	0.0940
			Max			0.6974	3.4870	0.3473
			Min			0.0000	0.0000	0.0000
S 10	Hall outside gym	0.9 - 1.8	SA	10:47	ON	0.1408	0.7040	0.0701
			Max			0.5438	2.7190	0.2708
			Min			0.0000	0.0000	0.0000
S 10	Hall outside gym	0.9 - 1.8	SA	20:36	OFF	0.1216	0.6080	0.0606
			Max			0.4146	2.0730	0.2065
			Min			0.0000	0.0000	0.0000
S 11	Room 15	1.5 - 2.4	SA	11:00	ON	0.0519	0.2595	0.0258
			Max			0.6290	3.1450	0.3132
			Min			0.0000	0.0000	0.0000
S 11	Room 15	1.5 - 2.4	SA	20:46	OFF	0.0676	0.3380	0.0337
			Max			0.2610	1.3050	0.1300
			Min			0.0000	0.0000	0.0000
S 12	Room 18	1.5 - 2.4	SA	11:08	ON	0.0753	0.3765	0.0375
			Max			0.5700	2.8500	0.2839
			Min			0.0000	0.0000	0.0000
S 12	Room 18	1.5 - 2.4	SA	20:55	OFF	0.0865	0.4325	0.0431
			Max			0.2595	1.2975	0.1292
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



MAIN FLOOR PLAN

LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

SHERWOOD - FLOOR 1
ELECTROMAGNETIC RADIATION (EMR) TESTING

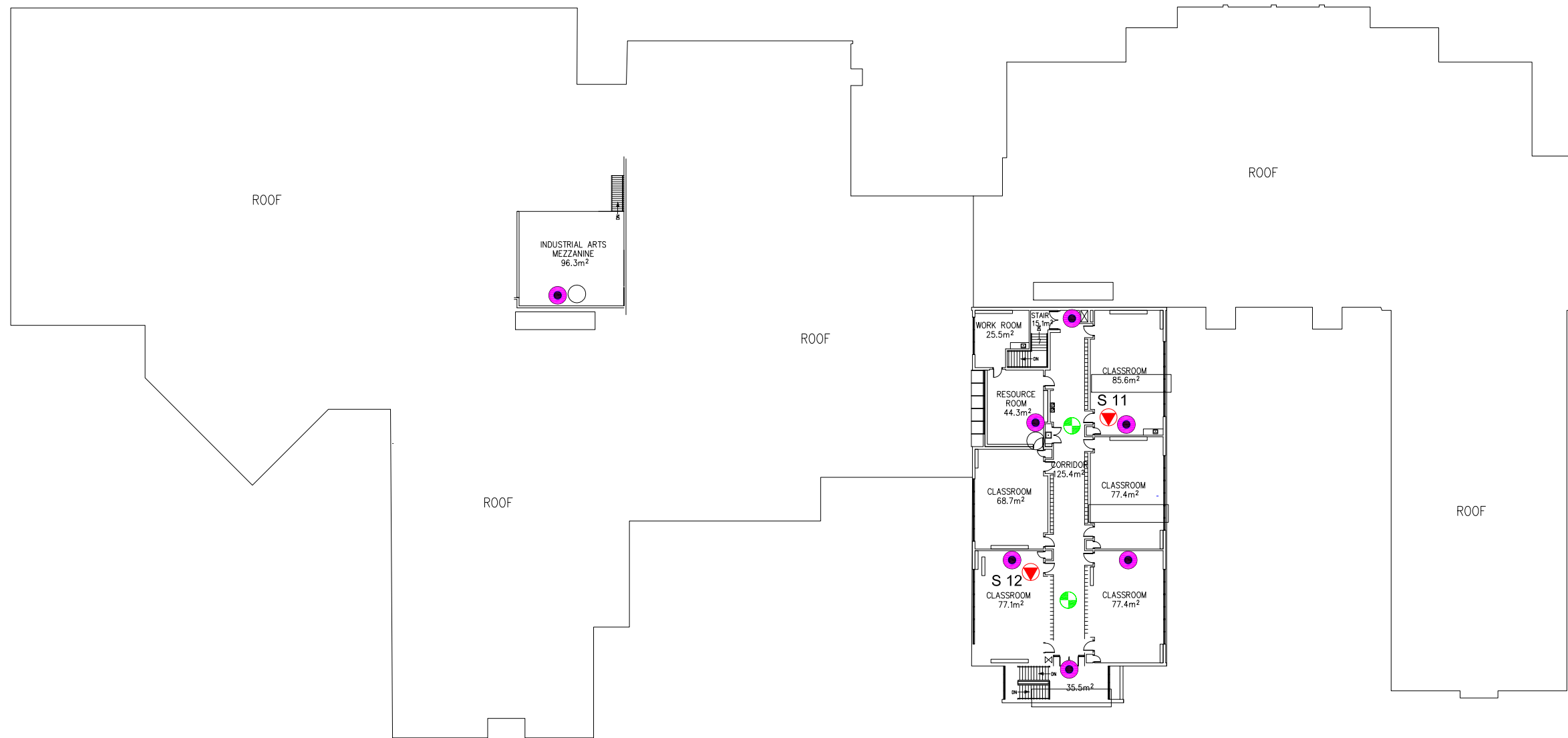
CALGARY

ALBERTA






Drawing No.

B19-1



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

SHERWOOD - FLOOR 2
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



Drawing No.
B19-2

**Attachment B20
Stanley Jones School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
SJ 1	General Office	2.1 - 3.0	SA	9:26	ON	0.0168	0.0840	0.0084
			Max			0.2949	1.4745	0.1469
			Min			0.0000	0.0000	0.0000
SJ 1	General Office	2.1 - 3.0	SA	19:08	OFF	0.0327	0.1635	0.0163
			Max			0.6490	3.2450	0.3232
			Min			0.0000	0.0000	0.0000
SJ 2	Library	1.2 - 2.1	SA	9:34	ON	0.0504	0.2520	0.0251
			Max			0.2349	1.1745	0.1170
			Min			0.0000	0.0000	0.0000
SJ 2	Library	1.2 - 2.1	SA	19:16	OFF	0.0653	0.3265	0.0325
			Max			0.2379	1.1895	0.1185
			Min			0.0000	0.0000	0.0000
SJ 3	Computer Room 8	2.7 - 3.6	SA	9:42	ON	0.2221	1.1105	0.1106
			Max			0.7331	3.6655	0.3651
			Min			0.0000	0.0000	0.0000
SJ 3	Computer Room 8	2.7 - 3.6	SA	19:23	OFF	0.2284	1.1420	0.1137
			Max			0.8509	4.2545	0.4237
			Min			0.0000	0.0000	0.0000
SJ 4	Room 3	N/A	SA	9:51	ON	0.2893	1.4465	0.1441
			Max			0.5016	2.5080	0.2498
			Min			0.1017	0.5085	0.0506
SJ 4	Room 3	N/A	SA	19:32	OFF	0.3231	1.6155	0.1609
			Max			1.6530	8.2650	0.8232
			Min			0.0000	0.0000	0.0000
SJ 5	Room 4	2.7 - 3.6	SA	9:59	ON	0.3797	1.8985	0.1891
			Max			0.5969	2.9845	0.2973
			Min			0.1270	0.6350	0.0632
SJ 5	Room 4	2.7 - 3.6	SA	19:46	OFF	0.2818	1.4090	0.1403
			Max			0.6367	3.1835	0.3171
			Min			0.0131	0.0655	0.0065
SJ 6	Staff Room	N/A	SA	10:09	ON	0.4053	2.0265	0.2018
			Max			0.9729	4.8645	0.4845
			Min			0.0655	0.3275	0.0326
SJ 6	Staff Room	N/A	SA	19:54	OFF	0.2037	1.0185	0.1014
			Max			1.1800	5.9000	0.5876
			Min			0.0000	0.0000	0.0000
SJ 7	Music Room	1.5 - 2.4	SA	10:19	ON	0.3653	1.8265	0.1819
			Max			0.6376	3.1880	0.3175
			Min			0.1963	0.9815	0.0978
SJ 7	Music Room	1.5 - 2.4	SA	20:02	OFF	0.1335	0.6675	0.0665
			Max			1.4030	7.0150	0.6987
			Min			0.0000	0.0000	0.0000
SJ 8	Room 13	1.8 - 2.7	SA	10:31	ON	0.5101	2.5505	0.2540
			Max			0.6586	3.2930	0.3280
			Min			0.3024	1.5120	0.1506
SJ 8	Room 13	1.8 - 2.7	SA	20:11	OFF	0.1520	0.7600	0.0757
			Max			0.6744	3.3720	0.3359
			Min			0.0000	0.0000	0.0000
SJ 9	Room 11	1.8 - 2.7	SA	10:40	ON	0.5482	2.7410	0.2730
			Max			0.8831	4.4155	0.4398
			Min			0.1039	0.5195	0.0517
SJ 9	Room 11	1.8 - 2.7	SA	20:18	OFF	0.1651	0.8255	0.0822
			Max			2.5070	12.5350	1.2485
			Min			0.0000	0.0000	0.0000
SJ 10	Room 17	1.8 - 2.7	SA	10:48	ON	0.5662	2.8310	0.2820
			Max			1.1050	5.5250	0.5503
			Min			0.0000	0.0000	0.0000
SJ 10	Room 17	1.8 - 2.7	SA	20:26	OFF	0.0936	0.4680	0.0466
			Max			0.8318	4.1590	0.4142
			Min			0.0000	0.0000	0.0000
SJ 11	Room 21W	1.5 - 2.4	SA	11:00	ON	0.4805	2.4025	0.2393
			Max			0.8850	4.4250	0.4407
			Min			0.2192	1.0960	0.1092
SJ 11	Room 21W	1.5 - 2.4	SA	20:50	OFF	0.0980	0.4900	0.0488
			Max			2.1960	10.9800	1.0936
			Min			0.0000	0.0000	0.0000
SJ 12	Hall outside room 24	0.9 - 1.8	SA	11:08	ON	0.7246	3.6230	0.3609
			Max			1.3330	6.6650	0.6638
			Min			0.1473	0.7365	0.0734
SJ 12	Hall outside room 24	0.9 - 1.8	SA	20:42	OFF	0.0398	0.1990	0.0198
			Max			0.2567	1.2835	0.1278
			Min			0.0000	0.0000	0.0000
SJ 13	Room 20E	0.3 - 1.2	SA	11:17	ON	0.3911	1.9555	0.1948
			Max			1.0190	5.0950	0.5075
			Min			0.1676	0.8380	0.0835
SJ 13	Room 20E	0.3 - 1.2	SA	20:35	OFF	0.0801	0.4005	0.0399
			Max			1.5540	7.7700	0.7739
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



Scale: AS SHOWN
 Project No.: G2S14600A
 Date: 15/01/15
 Drawn by: PH/GB
 File name: CBE.dwg

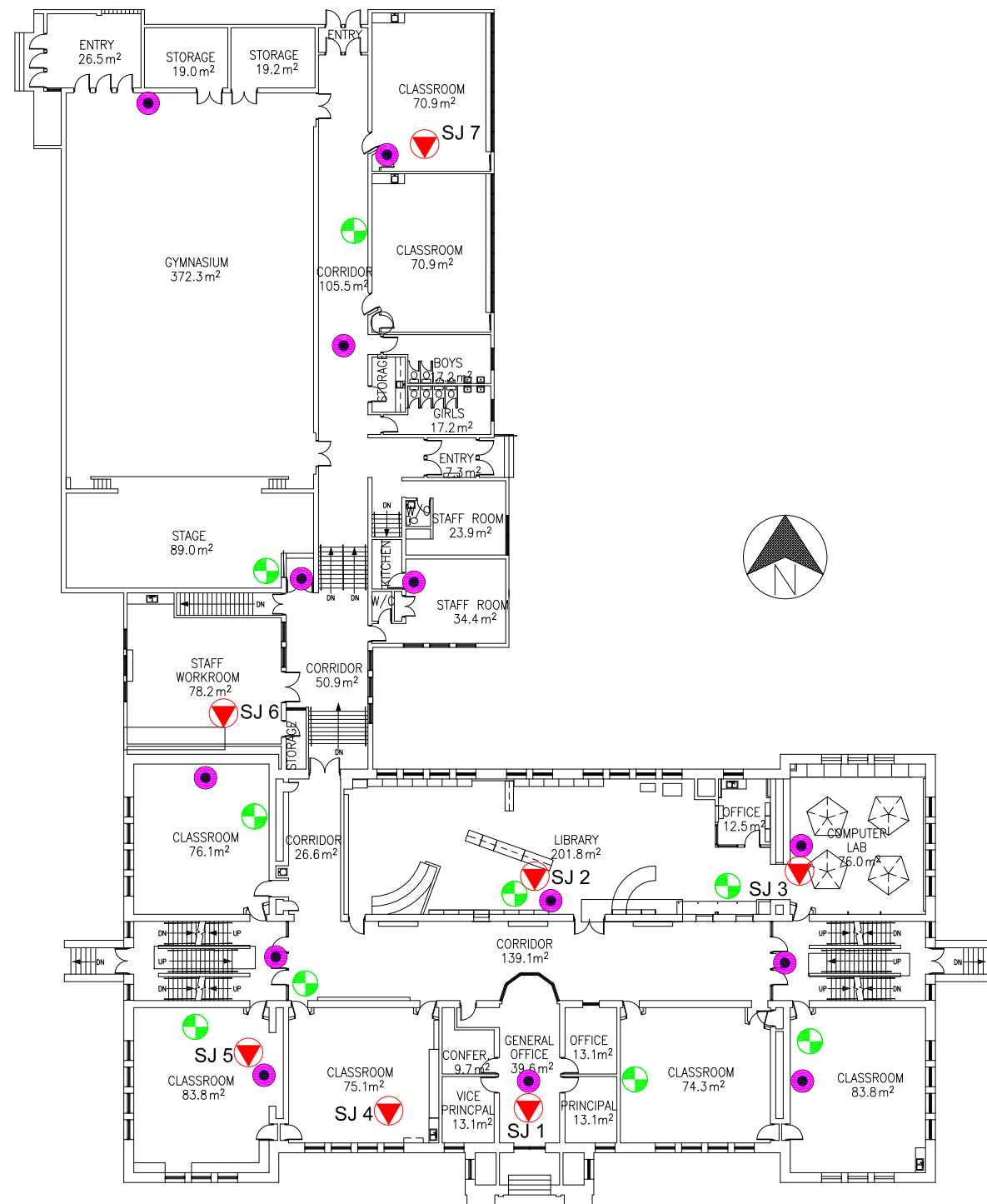
STANLEY JONES SCHOOL

ADDITIONAL (NOT WI-FI) ELECTROMAGNETIC SOURCES

CALGARY ALBERTA

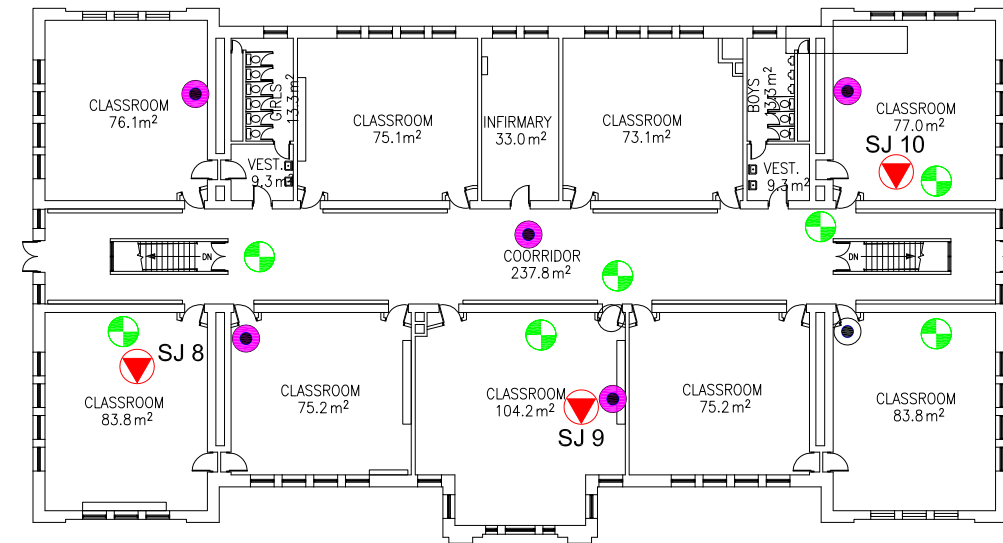


Drawing No.
B20

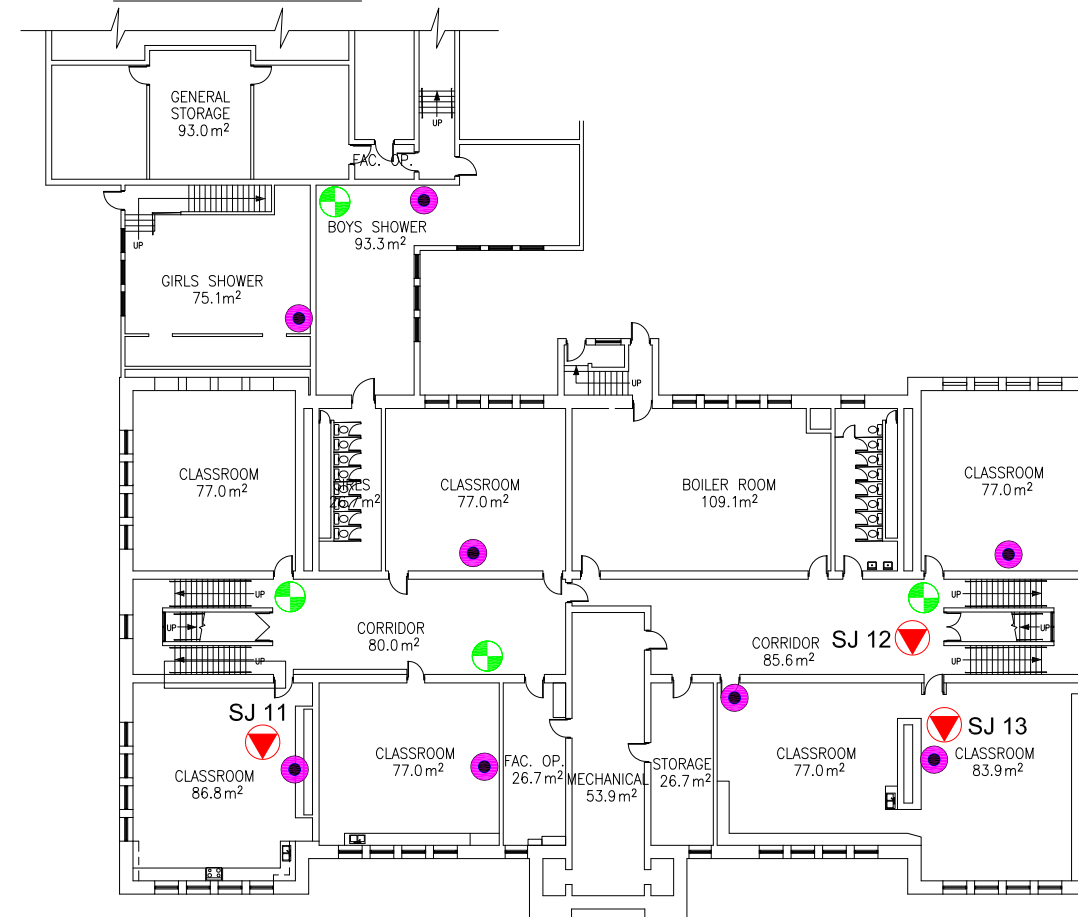


DATA CLOSET 1A

MAIN FLOOR



UPPER FLOOR



LOWER FLOOR

LEGEND

- ACCESS POINT LOCATION
- DAS LOCATION
- SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

STANLEY JONES - FLOORS 1, 2 & 3
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



Drawing No.

B20

**Attachment B21
Twelve Mile Coulee School**

**Table 21: Field Measurements
Twelve Mile Coulee School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
TM 1	Main Office	1.5 - 2.4	SA	11:06	ON	0.0124	0.0620	0.0062
			Max			0.1310	0.6550	0.0652
			Min			0.0000	0.0000	0.0000
TM 1	Main Office	1.5 - 2.4	SA	16:25	OFF	0.0370	0.1850	0.0184
			Max			0.1956	0.9780	0.0974
			Min			0.0000	0.0000	0.0000
TM 2	Staff Room	1.5 - 2.4	SA	11:23	ON	0.1324	0.6620	0.0659
			Max			0.2621	1.3105	0.1305
			Min			0.0131	0.0655	0.0065
TM 2	Staff Room	1.5 - 2.4	SA	16:32	OFF	0.0991	0.4955	0.0494
			Max			0.3096	1.5480	0.1542
			Min			0.0000	0.0000	0.0000
TM 3	Library	2.7 - 3.6	SA	11:33	ON	0.1321	0.6605	0.0658
			Max			0.3666	1.8330	0.1826
			Min			0.0000	0.0000	0.0000
TM 3	Library	2.7 - 3.6	SA	17:45	OFF	0.0129	0.0645	0.0064
			Max			0.2315	1.1575	0.1153
			Min			0.0000	0.0000	0.0000
TM 4	Room 119	1.5 - 2.4	SA	11:42	ON	0.1145	0.5725	0.0570
			Max			0.2931	1.4655	0.1460
			Min			0.0000	0.0000	0.0000
TM 4	Room 119	1.5 - 2.4	SA	18:20	OFF	0.1060	0.5300	0.0528
			Max			0.3193	1.5965	0.1590
			Min			0.0000	0.0000	0.0000
TM 5	Hall outside room 119	N/A	SA	11:50	ON	0.1712	0.8560	0.0853
			Max			0.3679	1.8395	0.1832
			Min			0.0000	0.0000	0.0000
TM 5	Hall outside room 119	N/A	SA	18:27	OFF	0.1472	0.7360	0.0733
			Max			0.3353	1.6765	0.1670
			Min			0.0000	0.0000	0.0000
TM 6	Room 114	1.5 - 2.4	SA	11:57	ON	0.1114	0.5570	0.0555
			Max			0.2953	1.4765	0.1471
			Min			0.0000	0.0000	0.0000
TM 6	Room 114	1.5 - 2.4	SA	18:34	OFF	0.0815	0.4075	0.0406
			Max			0.2670	1.3350	0.1330
			Min			0.0000	0.0000	0.0000
TM 7	Room M109	1.2 - 2.1	SA	12:05	ON	0.1291	0.6455	0.0643
			Max			0.2998	1.4990	0.1493
			Min			0.0000	0.0000	0.0000
TM 7	Room M109	1.2 - 2.1	SA	18:43	OFF	0.0491	0.2455	0.0245
			Max			0.3342	1.6710	0.1664
			Min			0.0000	0.0000	0.0000
TM 8	Room M116	1.2 - 2.1	SA	12:14	ON	0.1456	0.7280	0.0725
			Max			0.3114	1.5570	0.1551
			Min			0.0000	0.0000	0.0000
TM 8	Room M116	1.2 - 2.1	SA	18:52	OFF	0.0626	0.3130	0.0312
			Max			0.6836	3.4180	0.3404
			Min			0.0000	0.0000	0.0000
TM 9	Gym	1.5 - 2.4	SA	12:25	ON	0.1621	0.8105	0.0807
			Max			0.3238	1.6190	0.1613
			Min			0.0152	0.0760	0.0076
TM 9	Gym	1.5 - 2.4	SA	17:36	OFF	0.2495	1.2475	0.1243
			Max			0.4456	2.2280	0.2219
			Min			0.0495	0.2475	0.0247
TM 10	Room 131	1.2 - 2.1	SA	12:33	ON	0.1758	0.8790	0.0875
			Max			0.3391	1.6955	0.1689
			Min			0.0197	0.0985	0.0098
TM 10	Room 131	1.2 - 2.1	SA	17:29	OFF	0.2722	1.3610	0.1356
			Max			0.4594	2.2970	0.2288
			Min			0.0952	0.4760	0.0474
TM 11	Room 149	1.5 - 2.4	SA	12:42	ON	0.0336	0.1680	0.0167
			Max			0.2359	1.1795	0.1175
			Min			0.0000	0.0000	0.0000
TM 11	Room 149	1.5 - 2.4	SA	16:45	OFF	0.1187	0.5935	0.0591
			Max			0.3090	1.5450	0.1539
			Min			0.0000	0.0000	0.0000
TM 12	Music Room	3.4 - 4.3	SA	12:50	ON	0.0614	0.3070	0.0306
			Max			0.2424	1.2120	0.1207
			Min			0.0000	0.0000	0.0000
TM 12	Music Room	3.4 - 4.3	SA	16:53	OFF	0.0861	0.4305	0.0429
			Max			0.2690	1.3450	0.1340
			Min			0.0000	0.0000	0.0000
TM 13	Room M108	1.2 - 2.1	SA	12:59	ON	0.0481	0.2405	0.0240
			Max			0.2205	1.1025	0.1098
			Min			0.0000	0.0000	0.0000
TM 13	Room M108	1.2 - 2.1	SA	17:02	OFF	0.1025	0.5125	0.0510
			Max			0.2980	1.4900	0.1484
			Min			0.0000	0.0000	0.0000



AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
TM 14	Room M102	1.2 - 2.1	SA	13:09	ON	0.0173	0.0865	0.0086
			Max			0.2103	1.0515	0.1047
			Min			0.0000	0.0000	0.0000
TM 14	Room M102	1.2 - 2.1	SA	17:11	OFF	0.1054	0.5270	0.0525
			Max			0.2781	1.3905	0.1385
			Min			0.0000	0.0000	0.0000
TM 15	Room M106	1.2 - 2.1	SA	13:18	ON	0.1533	0.7665	0.0763
			Max			0.3484	1.7420	0.1735
			Min			0.0000	0.0000	0.0000
TM 15	Room M106	1.2 - 2.1	SA	17:19	OFF	0.1489	0.7445	0.0742
			Max			0.3809	1.9045	0.1897
			Min			0.0000	0.0000	0.0000
TM 16	Room 106	N/A	SA	13:32	ON	0.1896	0.9480	0.0944
			Max			0.3525	1.7625	0.1755
			Min			0.0233	0.1165	0.0116
TM 16	Room 106	N/A	SA	18:00	OFF	0.0505	0.2525	0.0251
			Max			0.2151	1.0755	0.1071
			Min			0.0000	0.0000	0.0000
TM 17	Room 201	1.5 - 2.4	SA	13:42	ON	0.1381	0.6905	0.0688
			Max			0.3199	1.5995	0.1593
			Min			0.0000	0.0000	0.0000
TM 17	Room 201	1.5 - 2.4	SA	19:06	OFF	0.0254	0.1270	0.0126
			Max			0.1751	0.8755	0.0872
			Min			0.0000	0.0000	0.0000
TM 18	Room 230	1.5 - 2.4	SA	13:52	ON	0.0962	0.4810	0.0479
			Max			0.2705	1.3525	0.1347
			Min			0.0000	0.0000	0.0000
TM 18	Room 230	1.5 - 2.4	SA	19:31	OFF	0.0988	0.4940	0.0492
			Max			0.2754	1.3770	0.1371
			Min			0.0000	0.0000	0.0000
TM 19	Room 233	1.5 - 2.4	SA	14:00	ON	0.1359	0.6795	0.0677
			Max			0.3352	1.6760	0.1669
			Min			0.0000	0.0000	0.0000
TM 19	Room 233	1.5 - 2.4	SA	19:22	OFF	0.0834	0.4170	0.0415
			Max			0.2682	1.3410	0.1336
			Min			0.0000	0.0000	0.0000
TM 20	Room 223	1.5 - 2.4	SA	14:08	ON	0.2559	1.2795	0.1274
			Max			0.4530	2.2650	0.2256
			Min			0.0465	0.2325	0.0232
TM 20	Room 223	1.5 - 2.4	SA	19:14	OFF	0.0402	0.2010	0.0200
			Max			0.1524	0.7620	0.0759
			Min			0.0000	0.0000	0.0000
TM 21	Room 234	1.5 - 2.4	SA	14:18	ON	0.0662	0.3310	0.0330
			Max			0.2945	1.4725	0.1467
			Min			0.0000	0.0000	0.0000
TM 21	Room 234	1.5 - 2.4	SA	19:50	OFF	0.1427	0.7135	0.0711
			Max			0.3186	1.5930	0.1587
			Min			0.0000	0.0000	0.0000
TM 22	Room 207	1.5 - 2.4	SA	14:27	ON	0.0603	0.3015	0.0300
			Max			0.7548	3.7740	0.3759
			Min			0.0000	0.0000	0.0000
TM 22	Room 207	1.5 - 2.4	SA	19:42	OFF	0.1178	0.5890	0.0587
			Max			0.2811	1.4055	0.1400
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



LEGEND

-  ACCESS POINT LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

**TWELVE MILE COULEE - FLOOR 1
 ELECTROMAGNETIC RADIATION (EMR) TESTING**

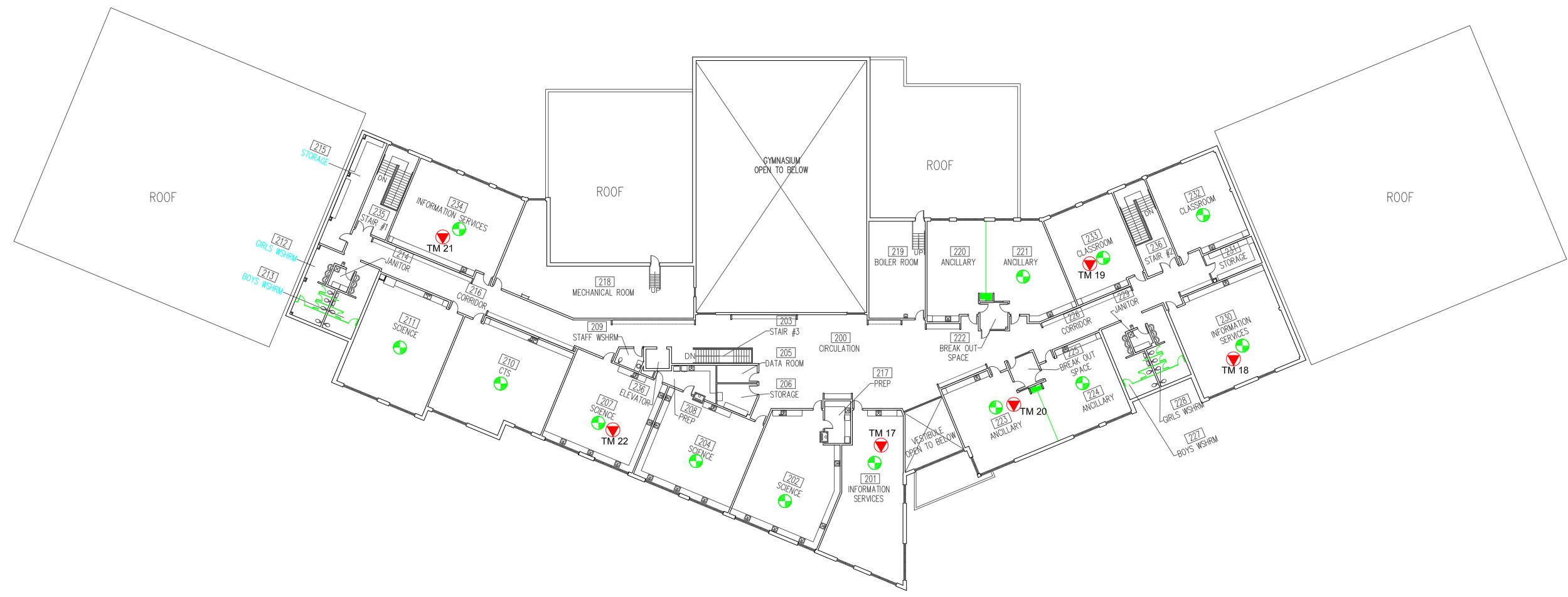
CALGARY

ALBERTA





Drawing No.

B21-1



LEGEND

-  ACCESS POINT LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

TWELVE MILE COULEE - FLOOR 2
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



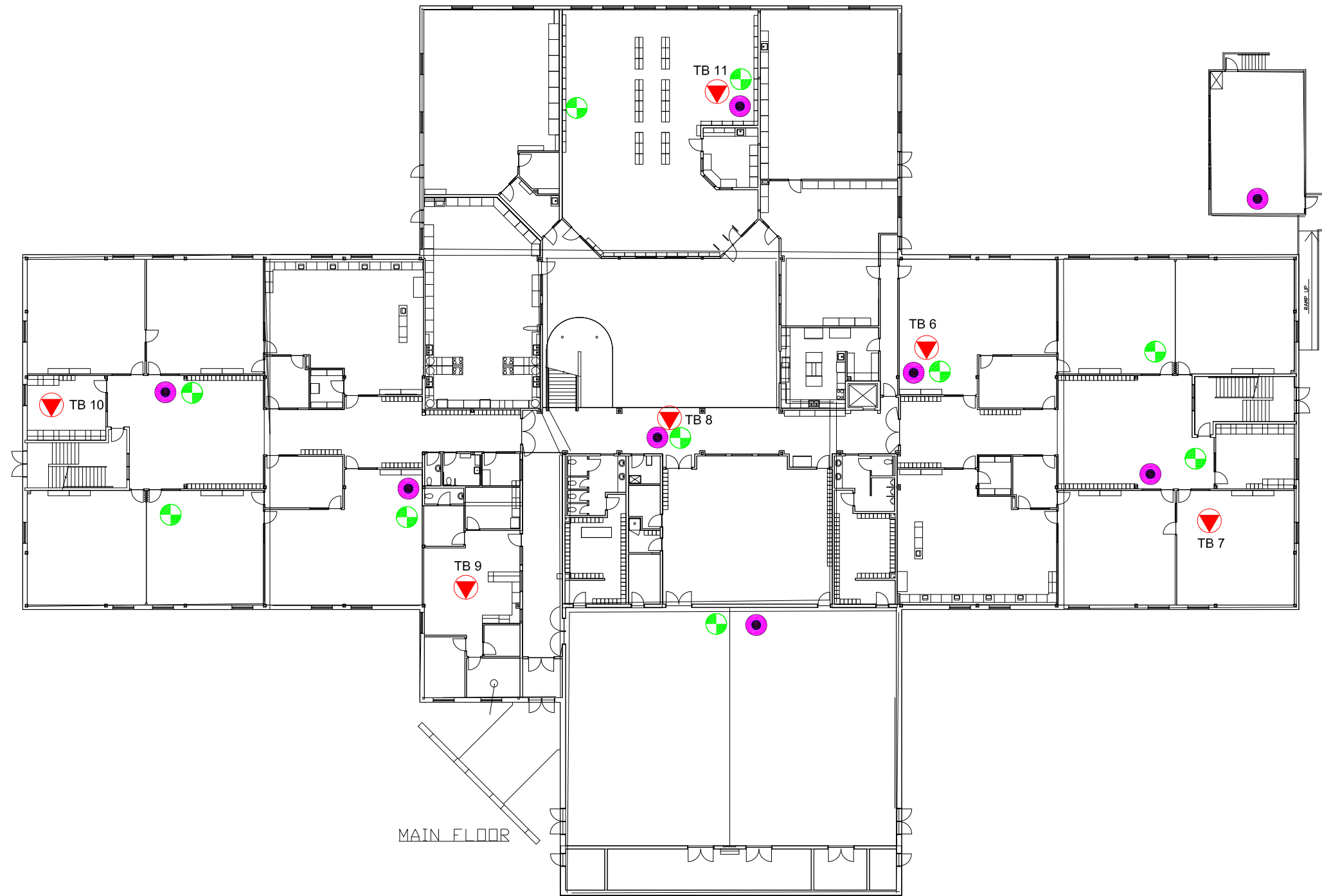
Drawing No.
B21-2

**Attachment B22
Tom Baines School**




**Table 22: Field Measurements
Tom Baines School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
TB 1	Room 31	1.5 - 2.4	SA	13:11	ON	0.0592	0.2960	0.0295
			Max			0.2208	1.1040	0.1100
			Min			0.0000	0.0000	0.0000
TB 1	Room 31	1.5 - 2.4	SA	17:35	OFF	0.2963	1.4815	0.1476
			Max			0.4595	2.2975	0.2288
			Min			0.1315	0.6575	0.0655
TB 2	Hall outside room 35	1.5 - 2.4	SA	13:19	ON	0.1917	0.9585	0.0955
			Max			0.5162	2.5810	0.2571
			Min			0.0254	0.1270	0.0126
TB 2	Hall outside room 35	1.5 - 2.4	SA	17:27	OFF	0.2930	1.4650	0.1459
			Max			0.4888	2.4440	0.2434
			Min			0.1170	0.5850	0.0583
TB 3	Room C207	N/A	SA	13:28	ON	0.4194	2.0970	0.2089
			Max			0.6296	3.1480	0.3135
			Min			0.1636	0.8180	0.0815
TB 3	Room C207	N/A	SA	17:48	OFF	0.2911	1.4555	0.1450
			Max			0.4756	2.3780	0.2368
			Min			0.1207	0.6035	0.0601
TB 4	Hall outside room 29	N/A	SA	13:36	ON	0.4700	2.3500	0.2341
			Max			0.6705	3.3525	0.3339
			Min			0.2600	1.3000	0.1295
TB 4	Hall outside room 29	N/A	SA	17:55	OFF	0.2847	1.4235	0.1418
			Max			0.4639	2.3195	0.2310
			Min			0.0937	0.4685	0.0467
TB 5	Room 29	1.2 - 2.1	SA	13:44	ON	0.0548	0.2740	0.0273
			Max			0.6705	3.3525	0.3339
			Min			0.0000	0.0000	0.0000
TB 5	Room 29	1.2 - 2.1	SA	18:03	OFF	0.2102	1.0510	0.1047
			Max			0.4007	2.0035	0.1995
			Min			0.0508	0.2540	0.0253
TB 6	Room 11	1.2 - 2.1	SA	13:56	ON	0.0964	0.4820	0.0480
			Max			0.6705	3.3525	0.3339
			Min			0.0000	0.0000	0.0000
TB 6	Room 11	1.2 - 2.1	SA	17:08	OFF	0.1867	0.9335	0.0930
			Max			0.3686	1.8430	0.1836
			Min			0.0254	0.1270	0.0126
TB 7	Room 16	N/A	SA	14:05	ON	0.0585	0.2925	0.0291
			Max			0.2451	1.2255	0.1221
			Min			0.0000	0.0000	0.0000
TB 7	Room 16	N/A	SA	17:17	OFF	0.2163	1.0815	0.1077
			Max			0.4559	2.2795	0.2270
			Min			0.0131	0.0655	0.0065
TB 8	Hall outside library/gym	1.5 - 2.4	SA	14:13	ON	0.1243	0.6215	0.0619
			Max			0.4605	2.3025	0.2293
			Min			0.0000	0.0000	0.0000
TB 8	Hall outside library/gym	1.5 - 2.4	SA	16:51	OFF	0.1570	0.7850	0.0782
			Max			0.3381	1.6905	0.1684
			Min			0.0000	0.0000	0.0000
TB 9	Office	N/A	SA	14:21	ON	0.1984	0.9920	0.0988
			Max			0.3899	1.9495	0.1942
			Min			0.0254	0.1270	0.0126
TB 9	Office	N/A	SA	16:33	OFF	0.0016	0.0080	0.0008
			Max			0.0917	0.4585	0.0457
			Min			0.0000	0.0000	0.0000
TB 10	Planning Room 5	N/A	SA	14:31	ON	0.1732	0.8660	0.0863
			Max			0.4577	2.2885	0.2279
			Min			0.0000	0.0000	0.0000
TB 10	Planning Room 5	N/A	SA	16:42	OFF	0.0385	0.1925	0.0192
			Max			0.1956	0.9780	0.0974
			Min			0.0000	0.0000	0.0000
TB 11	Library/ Computer room	1.5 - 2.1	SA	14:49	ON	0.1155	0.5775	0.0575
			Max			0.2571	1.2855	0.1280
			Min			0.0102	0.0510	0.0051
TB 11	Library/ Computer room	1.5 - 2.1	SA	16:59	OFF	0.1751	0.8755	0.0872
			Max			0.3511	1.7555	0.1748
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

TOM BAINES - FLOOR 1
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA






Drawing No.

B22-1



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

TOM BAINES - FLOOR 2
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



Drawing No.

B22-2

**Attachment B23
Valley Creek School**

Table 23: Field Measurements
Valley Creek School

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
VC 1	Woodshop	0.9 - 1.8	SA	9:43	ON	0.0229	0.1145	0.0114
			Max			0.1897	0.9485	0.0945
			Min			0.0000	0.0000	0.0000
VC 1	Woodshop	0.9 - 1.8	SA	20:13	OFF	0.2273	1.1365	0.1132
			Max			0.4975	2.4875	0.2478
			Min			0.0000	0.0000	0.0000
VC 2	Room 106	1.5 - 2.4	SA	9:53	ON	0.1132	0.5660	0.0564
			Max			0.3629	1.8145	0.1807
			Min			0.0000	0.0000	0.0000
VC 2	Room 106	1.5 - 2.4	SA	19:57	OFF	0.2772	1.3860	0.1380
			Max			1.6300	8.1500	0.8117
			Min			0.0051	0.0255	0.0025
VC 3	Hallway outside work room	1.5 - 2.4	SA	10:00	ON	0.1218	0.6090	0.0607
			Max			0.2846	1.4230	0.1417
			Min			0.0000	0.0000	0.0000
VC 3	Hallway outside work room	1.5 - 2.4	SA	20:05	OFF	0.2432	1.2160	0.1211
			Max			0.4548	2.2740	0.2265
			Min			0.0742	0.3710	0.0370
VC 4	Room 111	1.5 - 2.4	SA	10:08	ON	0.1906	0.9530	0.0949
			Max			0.4623	2.3115	0.2302
			Min			0.0559	0.2795	0.0278
VC 4	Room 111	1.5 - 2.4	SA	19:49	OFF	0.3163	1.5815	0.1575
			Max			0.5613	2.8065	0.2795
			Min			0.1219	0.6095	0.0607
VC 5	Hall outside gym	1.5 - 2.4	SA	10:17	ON	0.2611	1.3055	0.1300
			Max			0.4454	2.2270	0.2218
			Min			0.0660	0.3300	0.0329
VC 5	Hall outside gym	1.5 - 2.4	SA	20:21	OFF	0.1265	0.6325	0.0630
			Max			0.3185	1.5925	0.1586
			Min			0.0000	0.0000	0.0000
VC 6	Room 202	1.5 - 2.4	SA	22:26	ON	0.2968	1.4840	0.1478
			Max			0.4609	2.3045	0.2295
			Min			0.1335	0.6675	0.0665
VC 6	Room 202	1.5 - 2.4	SA	19:24	OFF	0.1047	0.5235	0.0521
			Max			0.3707	1.8535	0.1846
			Min			0.0000	0.0000	0.0000
VC 7	Room 205	1.5 - 2.4	SA	10:34	ON	0.3828	1.9140	0.1906
			Max			0.5887	2.9435	0.2932
			Min			0.1946	0.9730	0.0969
VC 7	Room 205	1.5 - 2.4	SA	19:32	OFF	0.1978	0.9890	0.0985
			Max			0.4455	2.2275	0.2219
			Min			0.0000	0.0000	0.0000
VC 8	Room 210	1.5 - 2.4	SA	10:42	ON	0.4110	2.0550	0.2047
			Max			0.5692	2.8460	0.2835
			Min			0.2515	1.2575	0.1252
VC 8	Room 210	1.5 - 2.4	SA	19:40	OFF	0.2686	1.3430	0.1338
			Max			0.6923	3.4615	0.3448
			Min			0.0355	0.1775	0.0177
VC 9	Office	1.5 - 2.4	SA	10:52	ON	0.1242	0.6210	0.0619
			Max			0.5692	2.8460	0.2835
			Min			0.0000	0.0000	0.0000
VC 9	Office	1.5 - 2.4	SA	18:52	OFF	0.2368	1.1840	0.1179
			Max			0.5242	2.6210	0.2611
			Min			0.0000	0.0000	0.0000
VC 10	Room 302	0.6 - 1.5	SA	11:02	ON	0.0698	0.3490	0.0348
			Max			0.2424	1.2120	0.1207
			Min			0.0000	0.0000	0.0000
VC 10	Room 302	0.6 - 1.5	SA	19:00	OFF	0.1442	0.7210	0.0718
			Max			0.3986	1.9930	0.1985
			Min			0.0000	0.0000	0.0000
VC 11	Staff Room	N/A	SA	11:11	ON	0.1301	0.6505	0.0648
			Max			0.3473	1.7365	0.1730
			Min			0.0000	0.0000	0.0000
VC 11	Staff Room	N/A	SA	19:08	OFF	0.0789	0.3945	0.0393
			Max			0.2747	1.3735	0.1368
			Min			0.0000	0.0000	0.0000
VC 12	Room 201	2.1 - 3.0	SA	11:21	ON	0.0735	0.3675	0.0366
			Max			0.4418	2.2090	0.2200
			Min			0.0000	0.0000	0.0000
VC 12	Room 201	2.1 - 3.0	SA	19:17	OFF	0.0673	0.3365	0.0335
			Max			0.3361	1.6805	0.1674
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



Scale: AS SHOWN
 Project No.: G2S14600A
 Date: 15/01/15
 Drawn by: PH/GB
 File name: CBE.dwg

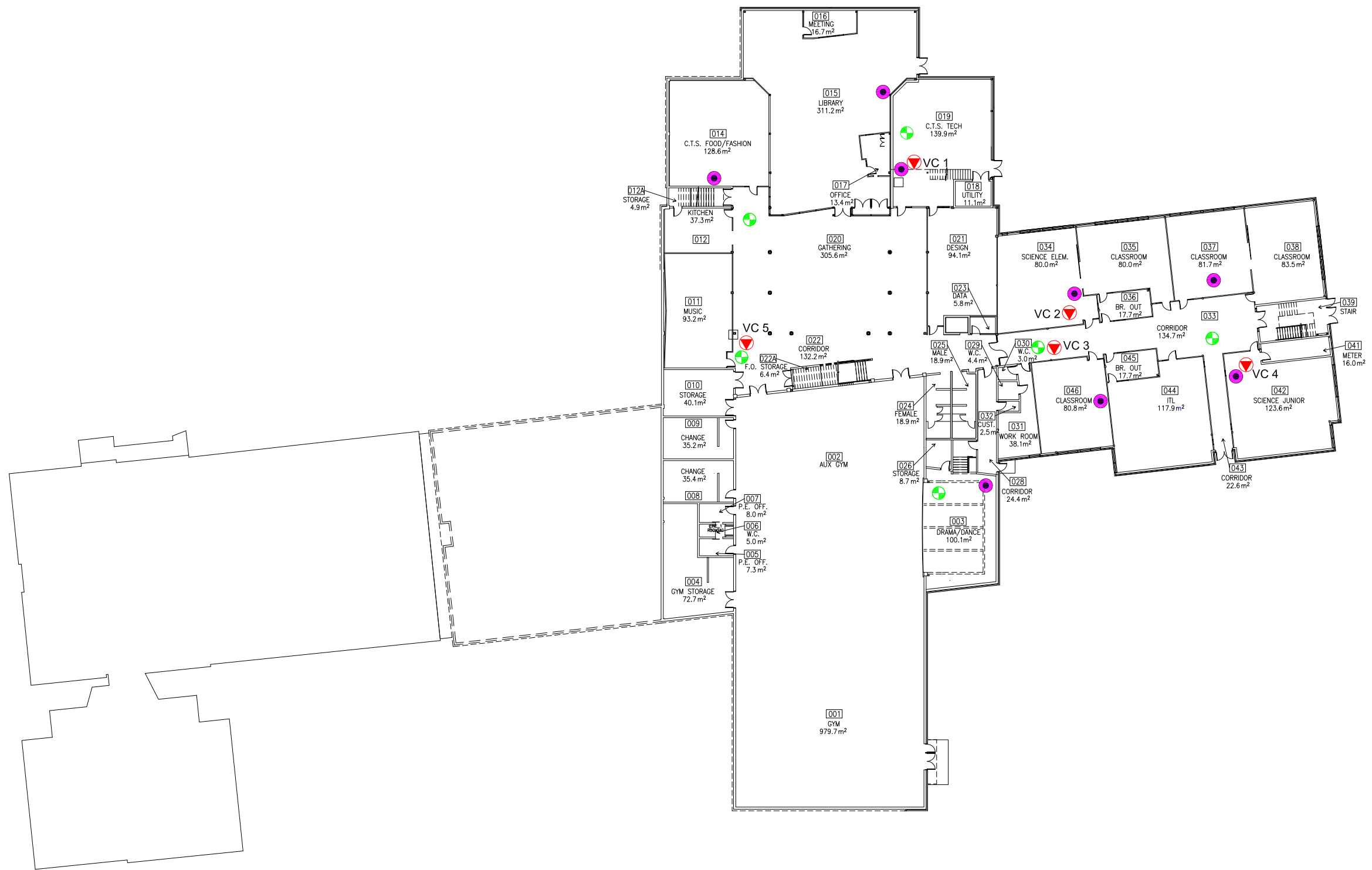
VALLEY CREEK SCHOOL

ADDITIONAL (NOT WI-FI) ELECTROMAGNETIC SOURCES




CALGARY ALBERTA



Drawing No.
B23



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

**VALLEY CREEK - FLOOR 1
 ELECTROMAGNETIC RADIATION (EMR) TESTING**

CALGARY

ALBERTA






Drawing No.

B23-1



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

**VALLEY CREEK - FLOOR 2
 ELECTROMAGNETIC RADIATION (EMR) TESTING**

CALGARY

ALBERTA



Drawing No.

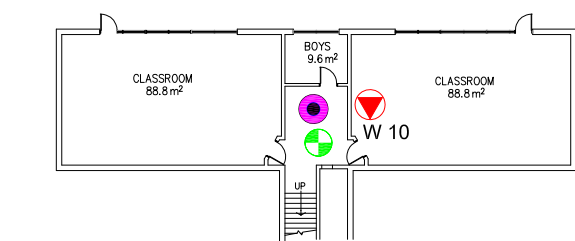
B23-2

**Attachment B24
Wildwood School**

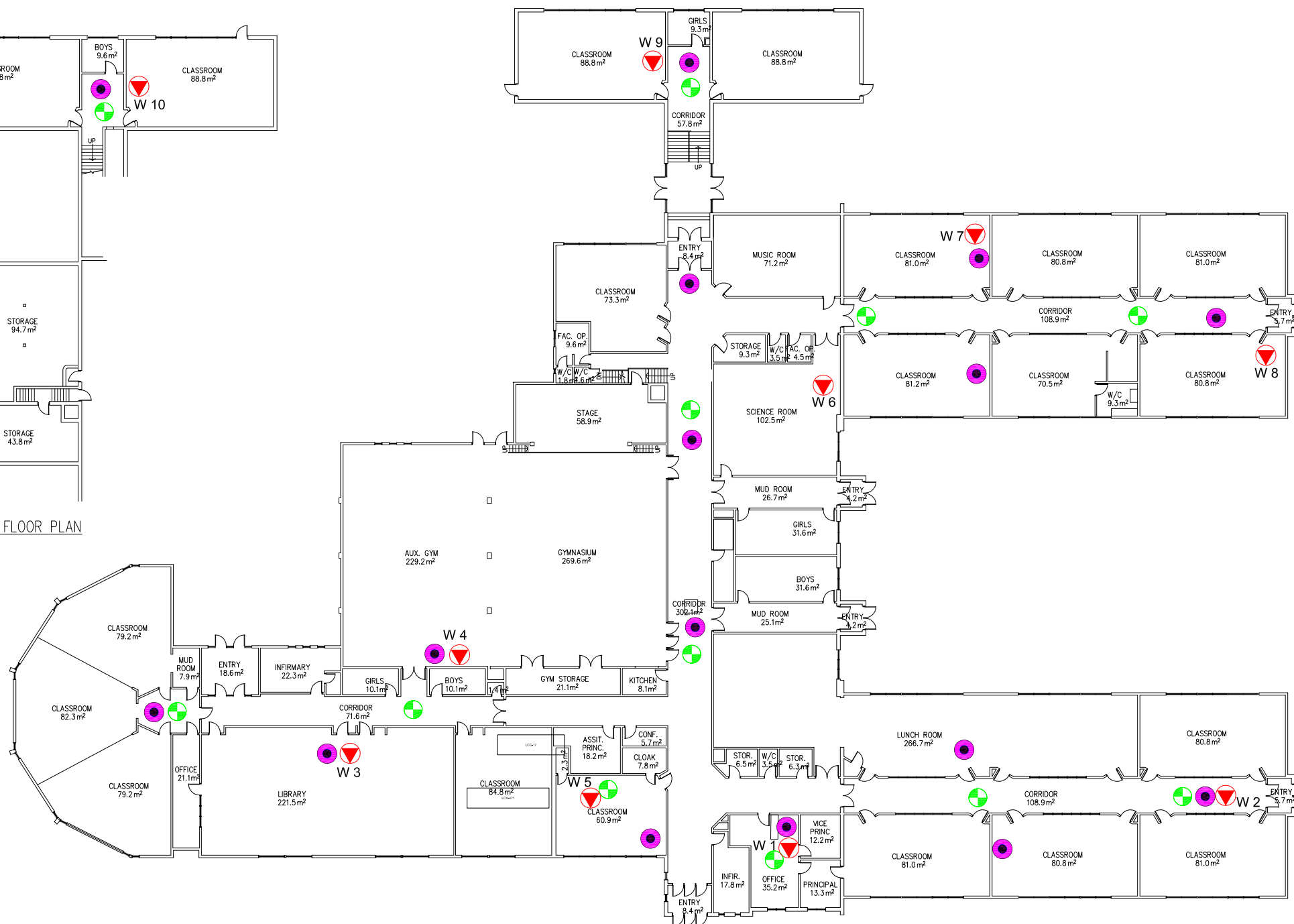
**Table 24: Field Measurements
Wildwood School**

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m ²)
W 1	Office	0.9 - 1.8	SA	10:10	ON	0.0931	0.4655	0.0464
			Max			0.3997	1.9985	0.1991
			Min			0.0000	0.0000	0.0000
W 1	Office	0.9 - 1.8	SA	18:46	OFF	0.0360	0.1800	0.0179
			Max			0.2424	1.2120	0.1207
			Min			0.0000	0.0000	0.0000
W 2	Hall outside room 4	0.9 - 1.8	SA	10:02	ON	0.2367	1.1835	0.1179
			Max			0.4115	2.0575	0.2049
			Min			0.0559	0.2795	0.0278
W 2	Hall outside room 4	0.9 - 1.8	SA	18:53	OFF	0.0554	0.2770	0.0276
			Max			0.2038	1.0190	0.1015
			Min			0.0000	0.0000	0.0000
W 3	Library	1.5 - 2.4	SA	10:19	ON	0.0538	0.2690	0.0268
			Max			0.2488	1.2440	0.1239
			Min			0.0000	0.0000	0.0000
W 3	Library	1.5 - 2.4	SA	19:08	OFF	0.0192	0.0960	0.0096
			Max			0.2619	1.3095	0.1304
			Min			0.0000	0.0000	0.0000
W 4	Gym	0.9 - 1.8	SA	10:26	ON	0.0526	0.2630	0.0262
			Max			0.2555	1.2775	0.1272
			Min			0.0000	0.0000	0.0000
W 4	Gym	0.9 - 1.8	SA	19:15	OFF	0.0462	0.2310	0.0230
			Max			0.2020	1.0100	0.1006
			Min			0.0000	0.0000	0.0000
W 5	Room 25	1.5 - 2.4	SA	10:34	ON	0.0717	0.3585	0.0357
			Max			0.2321	1.1605	0.1156
			Min			0.0000	0.0000	0.0000
W 5	Room 25	1.5 - 2.4	SA	19:00	OFF	0.0615	0.3075	0.0306
			Max			0.2162	1.0810	0.1077
			Min			0.0000	0.0000	0.0000
W 6	Room 24	N/A	SA	10:44	ON	0.0368	0.1840	0.0183
			Max			0.1956	0.9780	0.0974
			Min			0.0000	0.0000	0.0000
W 6	Room 24	N/A	SA	19:22	OFF	0.0795	0.3975	0.0396
			Max			0.3205	1.6025	0.1596
			Min			0.0000	0.0000	0.0000
W 7	Room 10	1.8 - 2.7	SA	10:53	ON	0.1058	0.5290	0.0527
			Max			0.3265	1.6325	0.1626
			Min			0.0000	0.0000	0.0000
W 7	Room 10	1.8 - 2.7	SA	19:29	OFF	0.1282	0.6410	0.0638
			Max			0.4130	2.0650	0.2057
			Min			0.0000	0.0000	0.0000
W 8	Room 13	N/A	SA	11:05	ON	0.0703	0.3515	0.0350
			Max			0.3411	1.7055	0.1699
			Min			0.0000	0.0000	0.0000
W 8	Room 13	N/A	SA	19:37	OFF	0.1184	0.5920	0.0590
			Max			0.3768	1.8840	0.1876
			Min			0.0000	0.0000	0.0000
W 9	Room 18	N/A	SA	11:14	ON	0.0870	0.4350	0.0433
			Max			0.2793	1.3965	0.1391
			Min			0.0000	0.0000	0.0000
W 9	Room 18	N/A	SA	19:44	OFF	0.1078	0.5390	0.0537
			Max			0.2936	1.4680	0.1462
			Min			0.0000	0.0000	0.0000
W 10	Room 17	N/A	SA	11:23	ON	0.1003	0.5015	0.0499
			Max			0.3507	1.7535	0.1746
			Min			0.0000	0.0000	0.0000
W 10	Room 17	N/A	SA	19:51	OFF	0.1161	0.5805	0.0578
			Max			0.3209	1.6045	0.1598
			Min			0.0000	0.0000	0.0000

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum






LOWER FLOOR PLAN



MAIN FLOOR PLAN

LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

WILDWOOD - FLOORS 1 & 2
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



Drawing No.

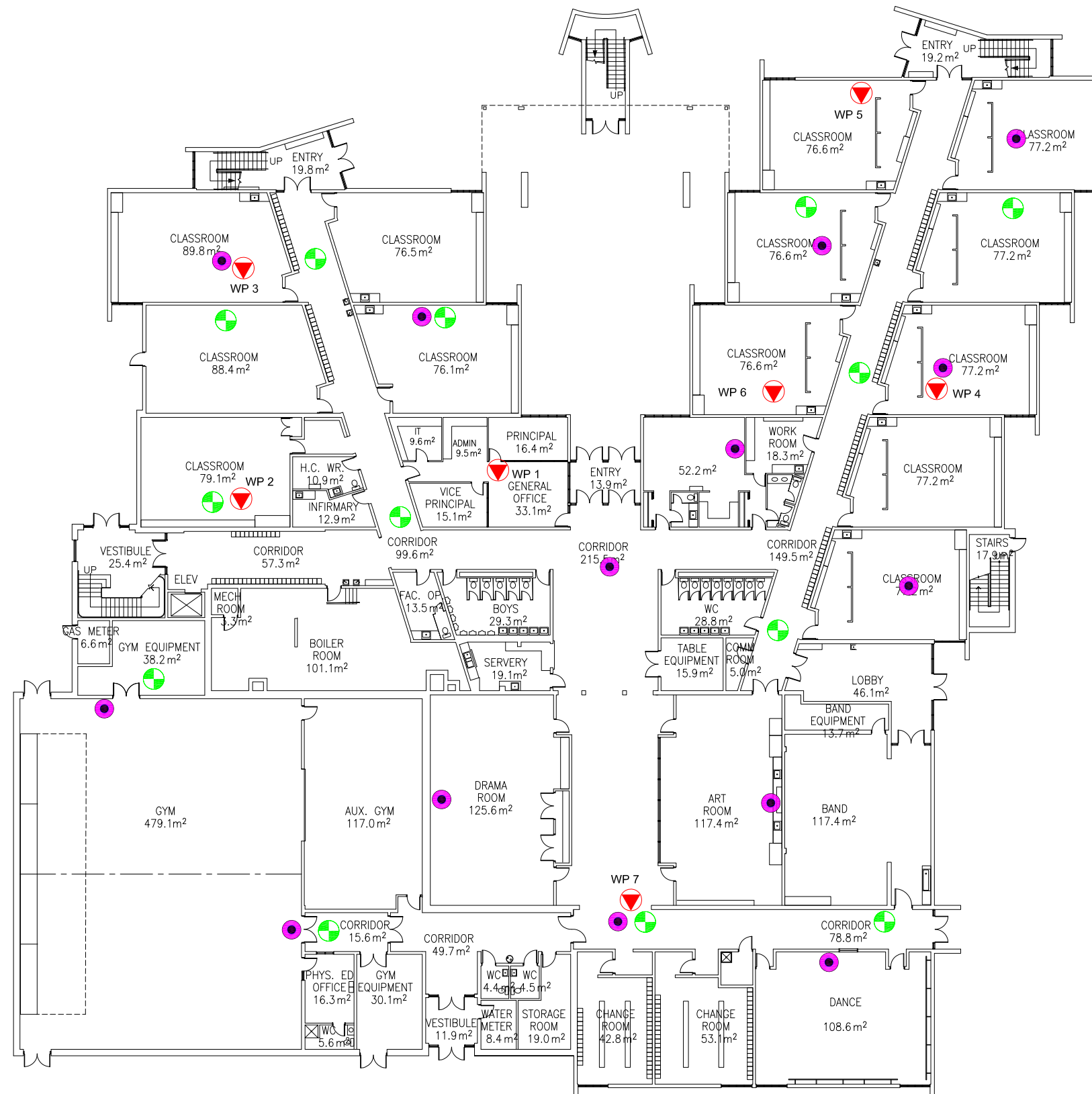
B24

**Attachment B25
Willow Park School**




Table 25: Field Measurements
Willow Park School

Measurement I.D.	Location	Approximate Distance from Wi-Fi AP (m)	Sample Type	Time	Wi-Fi Computer Network	% of Safety Code 6 Limits (controlled)	% of Safety Code 6 Limits (uncontrolled)	Power Density (uncontrolled) (W/m²)
WP 1	General Office	N/A	SA	9:36	ON	0.0051	0.0255	0.0025
			Max			0.0914	0.4570	0.0455
			Min			0.0000	0.0000	0.0000
WP 1	General Office	N/A	SA	18:55	OFF	0.2479	1.2395	0.1235
			Max			0.7797	3.8985	0.3883
			Min			0.0000	0.0000	0.0000
WP 2	Studio 103	0.9 - 1.8	SA	9:44	ON	0.1056	0.5280	0.0526
			Max			0.3492	1.7460	0.1739
			Min			0.0000	0.0000	0.0000
WP 2	Studio 103	0.9 - 1.8	SA	19:02	OFF	0.1103	0.5515	0.0549
			Max			0.5303	2.6515	0.2641
			Min			0.0000	0.0000	0.0000
WP 3	Studio 101	0.9 - 1.8	SA	9:52	ON	0.1894	0.9470	0.0943
			Max			0.3853	1.9265	0.1919
			Min			0.0000	0.0000	0.0000
WP 3	Studio 101	0.9 - 1.8	SA	19:11	OFF	0.2222	1.1110	0.1107
			Max			1.7470	8.7350	0.8700
			Min			0.0000	0.0000	0.0000
WP 4	Room 117	1.2 - 2.1	SA	10:03	ON	0.3693	1.8465	0.1839
			Max			0.5418	2.7090	0.2698
			Min			0.2048	1.0240	0.1020
WP 4	Room 117	1.2 - 2.1	SA	19:36	OFF	0.2558	1.2790	0.1274
			Max			1.3930	6.9650	0.6937
			Min			0.0000	0.0000	0.0000
WP 5	Room 122	N/A	SA	10:11	ON	0.0482	0.2410	0.0240
			Max			0.5452	2.7260	0.2715
			Min			0.0000	0.0000	0.0000
WP 5	Room 122	N/A	SA	19:47	OFF	0.2469	1.2345	0.1230
			Max			1.3790	6.8950	0.6867
			Min			0.0000	0.0000	0.0000
WP 6	Staff Room	N/A	SA	10:16	ON	0.0208	0.1040	0.0104
			Max			0.1704	0.8520	0.0849
			Min			0.0000	0.0000	0.0000
WP 6	Staff Room	N/A	SA	19:28	OFF	0.3105	1.5525	0.1546
			Max			0.5010	2.5050	0.2495
			Min			0.0814	0.4070	0.0405
WP 7	Hall outside changeroom	0.6 - 1.5	SA	10:27	ON	0.0464	0.2320	0.0231
			Max			0.2393	1.1965	0.1192
			Min			0.0000	0.0000	0.0000
WP 7	Hall outside changeroom	0.6 - 1.5	SA	19:19	OFF	0.2567	1.2835	0.1278
			Max			0.9286	4.6430	0.4624
			Min			0.0000	0.0000	0.0000
WP 8	Room 205	0.9 - 1.8	SA	10:37	ON	0.0755	0.3775	0.0376
			Max			0.2829	1.4145	0.1409
			Min			0.0000	0.0000	0.0000
WP 8	Room 205	0.9 - 1.8	SA	19:58	OFF	0.1208	0.6040	0.0602
			Max			1.5750	7.8750	0.7844
			Min			0.0000	0.0000	0.0000
WP 9	Room 202	N/A	SA	10:46	ON	0.0263	0.1315	0.0131
			Max			0.1620	0.8100	0.0807
			Min			0.0000	0.0000	0.0000
WP 9	Room 202	N/A	SA	20:06	OFF	0.1629	0.8145	0.0811
			Max			0.3904	1.9520	0.1944
			Min			0.0000	0.0000	0.0000
WP 10	Library	1.2 - 2.1	SA	10:56	ON	0.0514	0.2570	0.0256
			Max			0.2292	1.1460	0.1141
			Min			0.0000	0.0000	0.0000
WP 10	Library	1.2 - 2.1	SA	20:14	OFF	0.1643	0.8215	0.0818
			Max			0.6086	3.0430	0.3031
			Min			0.0152	0.0760	0.0076
WP 11	Room 207	N/A	SA	11:04	ON	0.0843	0.4215	0.0420
			Max			0.3083	1.5415	0.1535
			Min			0.0000	0.0000	0.0000
WP 11	Room 207	N/A	SA	20:22	OFF	0.2808	1.4040	0.1398
			Max			0.5475	2.7375	0.2727
			Min			0.1278	0.6390	0.0636
WP 12	Room 218	1.2 - 2.1	SA	11:12	ON	0.0690	0.3450	0.0344
			Max			0.3026	1.5130	0.1507
			Min			0.0000	0.0000	0.0000
WP 12	Room 218	1.2 - 2.1	SA	20:38	OFF	0.3915	1.9575	0.1950
			Max			0.7934	3.9670	0.3951
			Min			0.1278	0.6390	0.0636
WP 13	Room 219	1.2 - 2.1	SA	11:20	ON	0.0747	0.3735	0.0372
			Max			0.2786	1.3930	0.1387
			Min			0.0000	0.0000	0.0000
WP 13	Room 219	1.2 - 2.1	SA	20:30	OFF	0.3564	1.7820	0.1775
			Max			0.5321	2.6605	0.2650
			Min			0.1859	0.9295	0.0926

AP = Access Point
SA = Spatial Average
Max = Maximum
Min = Minimum



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg




WILLOW PARK - FLOOR 1
ELECTROMAGNETIC RADIATION (EMR) TESTING
 CALGARY ALBERTA



Drawing No.
B25-1



LEGEND

-  ACCESS POINT LOCATION
-  DAS LOCATION
-  SAMPLE LOCATION AND IDENTIFICATION

Scale: N.T.S.
 Project No.: G2S14600A
 Date: 03/11/14
 Drawn by: PH/GB
 File name: CBE.dwg

WILLOW PARK - FLOOR 2
ELECTROMAGNETIC RADIATION (EMR) TESTING

CALGARY

ALBERTA



Drawing No.

B25-2