



## REPORT

**TO:** Mayor Avis & Council

**FROM:** Jason Kabel, Manager of Community Services

**DATE:** November 11, 2015

**RE:** TBayTel Wifi at Memorial Sports Centre

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### PREAMBLE

In April 2015 the Community Services Division was approached by Thunder Bay Telephone Inc. (TBayTel) to consider the Memorial Sports Centre (MSC) as a venue for their free public WiFi service. TBayTel is currently offering free public WiFi in over 150 locations in Thunder Bay and are looking to expand the service to have a more regional presence.

In September, TBayTel requested the opportunity for a site visit by their engineering representative to see if MSC might be a good candidate to have their free service installed. Attached is an email outlining that TBayTel is interested in bringing their complementary service to the MSC at no cost to the Town.

Attached is the proposal from TBayTel to offer free public Wifi at MSC that includes service to the following portions of the facility:

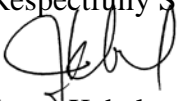
- Main Lobby
- Ice For Kids Rink
- '52 Canadians Rink
- Fitness Area
- Auditorium
- Pool

Currently there are 3 access points in Memorial Sports Centre that were installed by Vianet and Leisure Audio Plus in the Spring of 2014. The service has not been as reliable as hoped and is not serving the community as desired. Service of the existing WiFi is the responsibility of the MSC staff who do not have the expertise to ensure that it is operable consistently.

### RECOMMENDATION

The Community Services Division recommends to Mayor & Council to endorse the TBayTel Enterprise Service Agreement for installation and service of Free Public Wifi Internet Service at Memorial Sports Centre with no cost to the Town.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'JK', is positioned above the printed name.

Jason Kabel,  
Manager of Community Services

**Council approval of this report will** endorse the TBayTel Enterprise Service Agreement for installation and service of Free Public Wifi Internet Service at Memorial Sports Centre with no cost to the Town.



Bob Jones  
<bob.jones@tbaytel.com>  
11/05/2015 12:20 PM

To jkabel@fort-frances.com  
cc Doug Brown <dbrown@fort-frances.com>  
bcc  
Subject Re: Public WiFi Fort Frances Memorial Arena

History: This message has been replied to.

2 attachments



Fort Frances Memorial Sports Centre Scope of Work.pdf Fort Frances Memorial Arena Wifi agreement.docx

Hi Jason. Good news. I have just received to go ahead to provide Fort Frances Memorial Arena with Tbaytel Public WiFi. I have attached a scope of work and the WiFi agreement to this email for you to review. Please email me with any questions you may have. I was not sure if this should be made out to The Town of Fort Frances or Fort Frances Memorial Sports Centre. Let me know if the agreement requires any changes. Please keep in mind that there is no cost to the Town of Fort Frances. Tbaytel would like to get started on this as soon as possible and while the weather is still fairly good. I look forward to your response. Best Regards, Bob

--

On Tue, Sep 8, 2015 at 2:45 PM, <jkabel@fort-frances.com> wrote:

Yes. 807-274-4561 (ext. 14 or talk to receptionist)

Thanks,

Jason

Bob Jones <bob.jones@tbaytel.com>

09/08/2015 12:52 PM

To jkabel@fort-frances.com  
cc  
Subject Re: Public WiFi Fort Frances Memorial Arena

Does Bob Green have a contact number Jason?

On Tue, Sep 8, 2015 at 1:02 PM, <jkabel@fort-frances.com> wrote:

Hi Bob,

I should be available Thursday morning to walk through the facility with Mike, if something comes up for

# **WiFi PRE-SURVEY RECOMMENDATIONS**

**MEMORIAL SPORTS CENTRE  
740 SCOTT STREET  
FORT FRANCES**

CAB #:

AUTHOR: MIKE WOZNIAK

DATE: SEPT 16, 2015

REVISION #: 1



## NETWORK AND WIRELESS ENGINEERING

JOB #: N/A  
JOB TITLE: FORT FRANCES ARENA WIFI PRE-SURVEY  
LOCATION NAME/CODE: 740 SCOTT STREET, FORT FRANCES, ONTARIO

**OBJECTIVE:**

The objective of this project is to assess the requirements needed to provide WiFi coverage for the public areas in the Memorial Sports Centre in Fort Frances. Requested coverage areas were defined during a site visit with Community Services Manager Jason Kabel on September 16, 2015

**AREAS OF COVERAGE:**

- A: Main Lobby**
- B: Arena Rink # 1 (aka IFK rink)**
- C: Arena Rink # 2 (aka 52 rink)**
- D: Main Floor weight room area.**
- E: Upstairs Auditorium**
- F: Pool viewing area**

**BILL OF MATERIALS:**

Quantity	Part #	Description
12	MR18	Meraki indoor access points
2	MS220-8P	Meraki Managed 8 port PoE Switch
1	CT5374	Comtrend gateway router
1	EWR-8-17SD	Mid Atlantic EWR Series Wall Mount cabinet
2	U1V	Mid Atlantic Utility Rack Shelf 1 RU
1		24 Port CAT5 patch panel.
As Req'd		CAT6 CMR UTP cable
1	Canopy	Subscriber Module

ORIGINATOR: MIKE WOZNIAK  
PHONE: 684-3301  
REVISION #: 1.0

ISSUE DATE: 2015-09-16  
REVISION DATE:  
PAGE 2 OF 8

**NETWORK AND WIRELESS ENGINEERING**

JOB #: N/A  
JOB TITLE: FORT FRANCES ARENA WIFI PRE-SURVEY  
LOCATION NAME/CODE: 740 SCOTT STREET, FORT FRANCES, ONTARIO

**INSTALLATION PLAN**

In order to provide coverage to the requested public areas, the following is proposed: Twelve Meraki access points will be installed in coverage areas listed below. These will be fed & powered by Meraki PoE switches installed in 2 locations. Internet access will be provided by a Tbaytel Canopy wireless solution mounted on the roof on the west side of the building. An existing CAT5 cable will be used to interconnect the 2 switch locations.

**Music Room (located corner of the 52 Rink):**

The internet gateway connection (Canopy Subscriber Module) installed on the roof will be cabled into this room and connected to a Comtrend gateway. One of the Meraki PoE switches will be installed here to feed 2 AP's in the lobby and 2 AP's in the 52 rink. One port of the switch will feed the 2<sup>nd</sup> Meraki switch in the new tel room via the existing CAT5 cable. A wall mount cabinet will be installed in the room to house the equipment and CAT5 patch panel.

All access points will be hard-wired and all cabling will minimum CAT5 standard.

If insufficient bandwidth becomes an issue, a 2<sup>nd</sup> Canopy SM can be added

**New Telephone Room (located east end of IFK rink):**

Existing CAT5 cable terminates here and will feed the second Meraki PoE switch. Switch will be wall mounted and all AP's will be cabled back to here and terminated using a 6 port surface mount box. There will be 4 AP's in the IFK rink, 1 AP in the weight room and 1 AP in the pool viewing area.

**Coverage Area:****A: Arena Lobby**

- Two access points will be installed on the drop ceiling of the lobby area using the T bar mounting kit. One will be installed to the 2 metres to the right of the existing unit (existing AP's will be removed). The second AP will be mounted in the centre of the ceiling, above the balcony railing on the upper level. (Access points # 9, 10)
- These units will be cabled back to the Music Room.

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PAGE 3 OF 8

**B: Arena – IFK Rink**

- To provide adequate capacity, four access points will be installed in this area. This is the main rink of the complex and has the majority of spectator seating. All games and public events will take place here. (Access points # 1-4)
- Units will be installed on the west end wall, on the outside wall of the room in the southwest corner and one each on the east & west sides of the press box. They will be installed approx. 10 feet above the top seating row.
- These units will be cabled back to the new tel room.

**C: Arena – 52 Rink**

- As this is the secondary rink and will have less public usage, two access points will be installed in the 52 rink. Locations will be along the east wall evenly spaced along the length. (Access points # 7, 8)
- Access points will be cabled back to Music Room.

**D: Upstairs Auditorium**

- Two access points will be installed in the auditorium. This room is used by the public for social events and two are required to provide sufficient capacity.
- Access points will be installed on the north wall and on the outer wall of the room in the northeast corner of the auditorium. (Access points # 5, 6)
- Access points will be cabled back to Music Room.

**E: Weight Room**

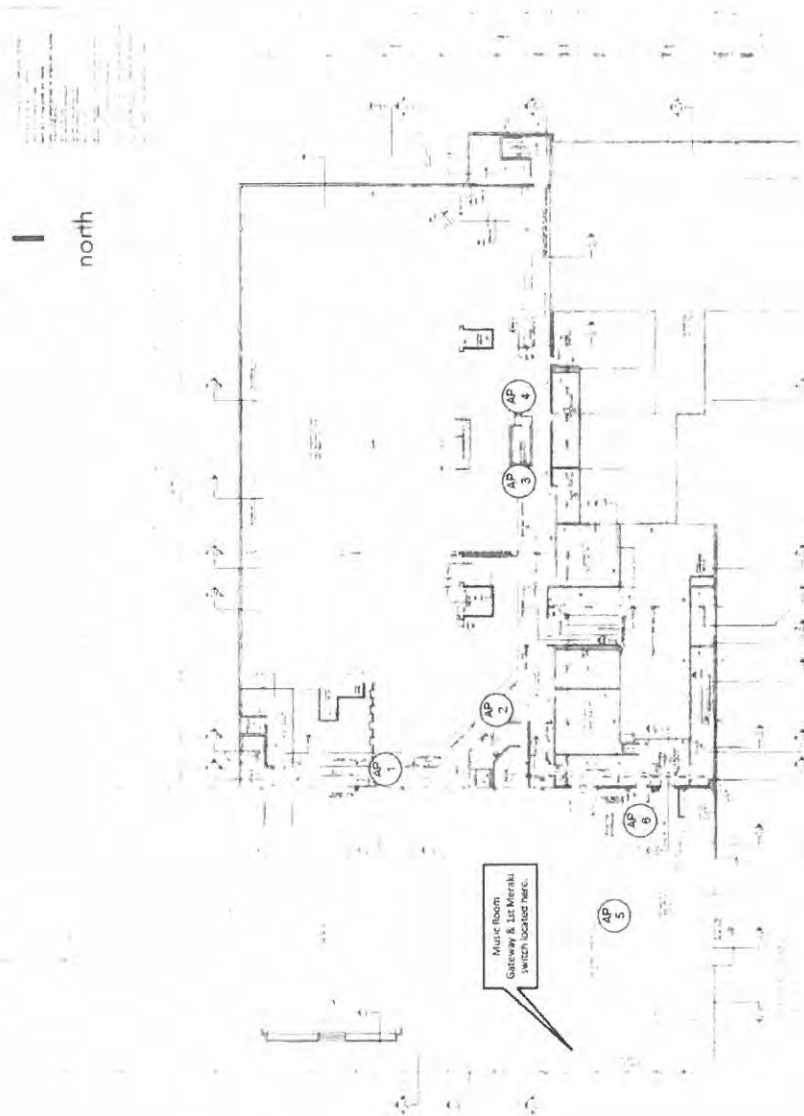
- A single access point will be installed in the weight room/fitness area. It will be installed on the drop ceiling in the centre of the room using the T bar mounting kit. (Access point # 11)
- This unit will be cabled back to the new tel room.

**F: Pool Viewing Area**

- A single access point will be installed to provide coverage for this area. It will be mounted on the wall at the north end, above the entrance door.
- This unit will be cabled back to the new tel room. (Access point # 12)

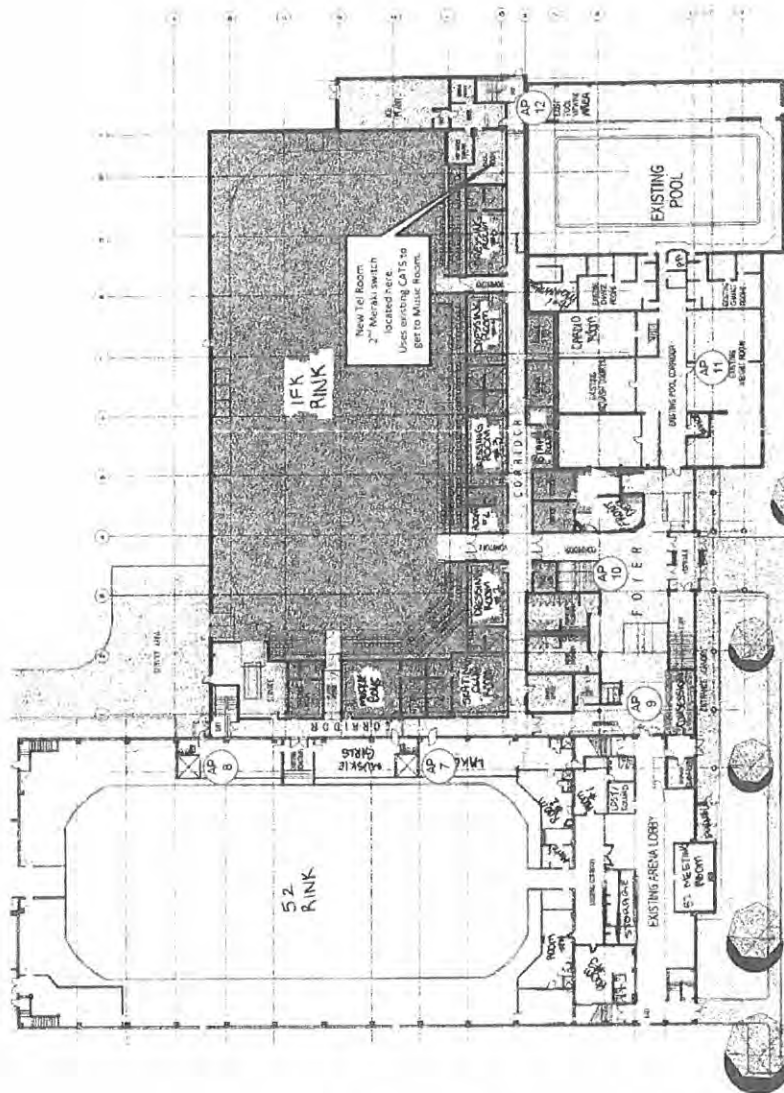
REFER TO FLOOR PLAN & DRAWINGS FOR AP LOCATIONS



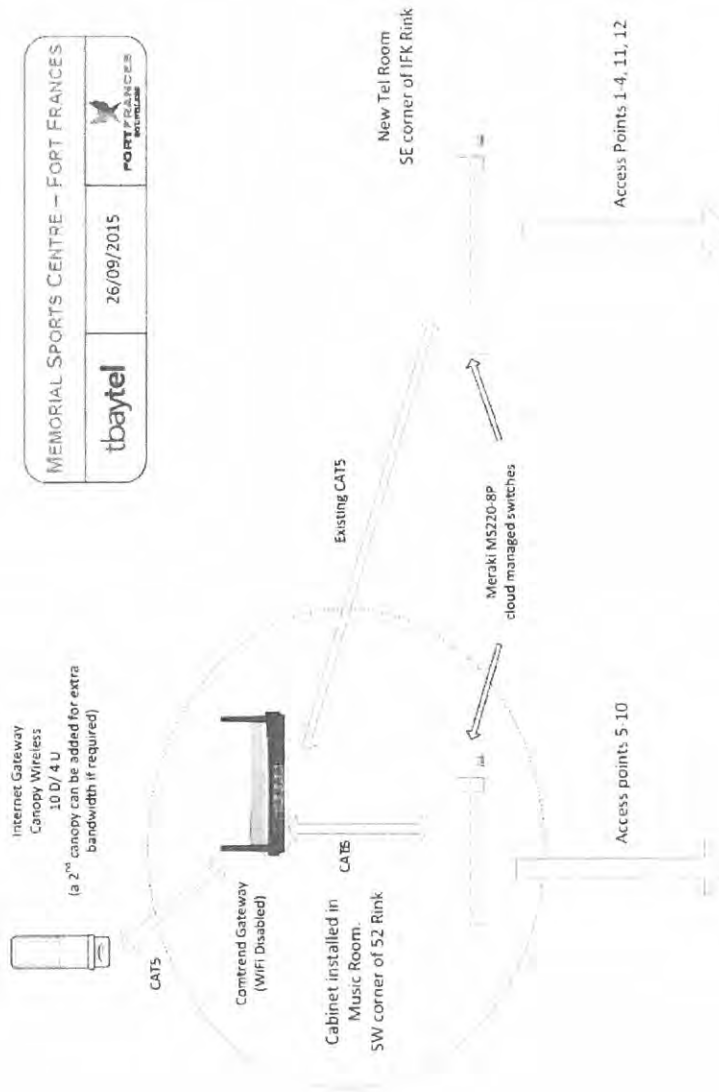


**Second Floor Plan**





Main Floor Plan



**Tbaytel Enterprise Service Agreement – Tbaytel Public WiFi Internet Service**

1046 Lithium Drive, Thunder Bay, ON P7B 6G3  
Tel.: 623-4400 or 1-800-264-9501

**READ CAREFULLY. THIS AGREEMENT IMPOSES OBLIGATIONS UPON YOU.**

Tbaytel agrees to provide Fort Frances Memorial Sports Centre located at 740 Scott Street, Fort Frances, Ontario with publicly accessible Tbaytel WiFi Internet service. This WiFi Internet service will be installed and maintained by Tbaytel at no cost to Fort Frances Memorial Sports Centre. Tbaytel has the right to provide a tiered service and can make network changes at any point in time to ensure a positive experience for end users. Fort Frances Memorial Sports Centre will agree to contact Tbaytel WiFi Internet service is not performing adequately and may be required to help Tbaytel troubleshoot the service with assistance from Tbaytel Technical Support and/or technicians.

**CONDITIONS OF AGREEMENT**

- 1. This agreement is independent of any other service agreements that you may have with Tbaytel.
- 2. This agreement does not bind either party to exclusivity for WiFi Internet service.
- 3. Tbaytel broadband services are subject to availability where access and technology exist. Tbaytel reserves the right to deny service up to, including, and after the installation where access and technology do not pass engineering policies and standards, thereby making this agreement null and void. Tbaytel assumes no liability whatsoever for any claims, damages, losses or expenses arising out of or otherwise relating to the unavailability of the Service in your geographical area, even where such unavailability occurs after installation of the Service.
- 4. The Customer hereby acknowledges and agrees that Tbaytel reserves the right to discontinue any Services provided under this Agreement or to introduce changes to the network or service architecture set forth herein. Such changes may include, but are not limited to, the introduction of new service types; the retirement of service types; and the development of new engineering policies in order to comply with evolving Tbaytel operating policies and market conditions. Tbaytel shall exercise such right by providing the Customer with sixty (60) days written notice of any such discontinuance or changes.
- 5. Tbaytel's agents and employees may, at reasonable hours, enter premises on which service is or is to be provided, to install, inspect, repair and remove its facilities, to inspect and perform necessary maintenance in cases of network-affecting disruptions involving customer-provided facilities.
- 6. Service may be used by the customer and all persons having the customer's permission to use it.
- 7. Customers are prohibited from using Tbaytel's services or permitting them to be used for a purpose or in a manner that is contrary to law or for the purpose of making annoying or offensive calls.
- 8. Customers are prohibited from using Tbaytel's services or permitting them to be used so as to prevent a fair and proportionate use by others. For this purpose, Tbaytel may limit use of its services as necessary.
- 9. Tbaytel's facilities must not be re-arranged, disconnected, removed, repaired or otherwise interfered with except in cases of emergency, where specified in Tbaytel's Tariffs or by special agreement. Terminal equipment provided by the customer may be connected with Tbaytel's facilities, pursuant to the provisions of the General Tariff or by special agreement.
- 10. You agree to use and maintain the Service modem, and all other hardware and software delivered to you, in compliance with the applicable operating instructions provided by Tbaytel. You also agree to return such materials, at your own risk, in good repair and working order. Until returned to and received by Tbaytel, you bear the entire risk of theft of, damage to or destruction of these materials. All of your obligations in respect of the Service modem, and all other hardware and software delivered to you, will survive the expiration or termination of this Service Agreement to the extent required for their full observance and performance. c) With respect to the Service modem, the following non-refundable cancellation fees will apply: (i) if the Service modem is returned in accordance with paragraph (a) above, no cancellation fee will apply; (ii) if the Service modem is not returned in accordance with paragraph (a) above, a cancellation fee of up to \$1000.00 will apply.

Account Holder – Please print

Account Holder (Signature) – I have authority to sign for this account

Date

Tbaytel Representative (Signature)

Date