



Technical Standards and Safety Authority
 www.tssa.org
 14th Floor - Centre Tower
 3300 Bloor Street West
 Toronto Ontario M8X 2X4
 Fax: 416.231.4903
 Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
 Propane Storage and Handling Regulation

This Level 1 RSMP applies to:

- a facility with a total propane storage capacity of 5,000 USWG or less; or
- a facility with a fixed propane storage capacity of exactly 5,000 USWG and no more than 500 USWG of portable propane storage capacity on site.

Failure to fully complete this form may result in rejection.
 Making a false statement may result in a fine or prosecution
 under the *Technical Standards and Safety Act*

Licence Number

Check applicable type of propane operations.

Cylinder Motor Fill Filling Plant Card/Keylock

Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.

For Office Use Only

 **Intake Group**

SR #..... 

SECTION A: GENERAL INFORMATION

The Undersigned applies to TSSA for a review for an RSMP under Ontario's *Technical Standards and Safety Act*, Propane Storage and Handling Regulation.

A Company Name: AnGas Bar Inc Ontario Corporation No., if applicable:

Operator Name (if different from above): Vasuki Sukunenthiran

Telephone No.: 905-454-5226 Fax No.: 905-454-5226 E-mail: suku5000@hotmail.com

B Street No.: 118 Street Name / 911 Number / Address, if applicable: Orenda Road

Town / City or Township / County: Brampton Province: Ontario Postal Code: L6W 3W6

Mailing address if different from above.

C Street No.: 195-414 Street Name / 911 Number / Address, if applicable: Kennedy Rd South

Town / City or Township / County: Brampton Province: Ontario Postal Code: L6W 3H2

Information on Container Refill Centre or Filling Plant

D Location of facility.

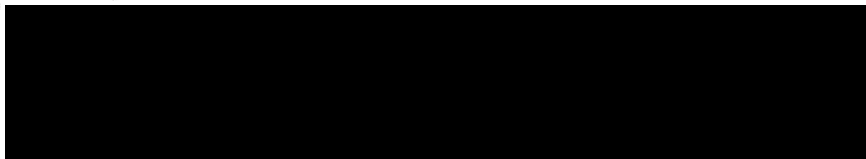
Street No.: 118 Street Name / 911 Number / Address, if applicable: Orenda Road Nearest Major Intersection: HWY 410 & Orenda Road

Town / City or Township / County: Brampton Province: Ontario Postal Code: L6W 3W6

Name of Licence Holder: Vasuki Sukunenthiran

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT): Vasuki Sukunenthiran ROT type: 100-11 (PPO-3)

Municipality (or municipalities if the facility or its hazard distance touches multiple borders): City of Brampton

Hours of operation: 

This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information.

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of Licence Holder	Print name: <u>AnGas Bar Inc.</u>	Signature: <u>X. SIVASUKI</u>	Date (dd-mm-yyyy): <u>24-11-2014</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training	<u>Vasuki Sukunenthiran</u>		



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SECTION A: GENERAL INFORMATION (cont'd)

Indicate the year the facility was established. 2014 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. N/A

Identify the psig rating and serial number for each fixed propane storage tank on site.

	PSIG	Serial Number
Tank 1:	<u>250</u>	<u>9J81-21</u>
Tank 2:	_____	_____
Tank 3:	_____	_____

Enter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for each type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.

Fixed: 2000 Portable: 69.6 Mobile: _____

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Name of person completing this form (please print) <u>Vasuki Sukunenthiran</u>		Official Title <u>Site Manager</u>	
Signature <u>SIVASUKI</u>		Telephone No. <u>416-890-4316</u>	Date (dd-mm-yyyy) <u>24-11-2014</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) Primemax Energy Inc.			For Office Use - Party No.	
Street No. 2558	Street Name / 911 Number / Address, if applicable Cedar Creek Road			
Town / City or Township / Country Ayr		Province Ontario	Postal Code N0B 1E0	
Telephone No. 519-740-8209	Fax No. 519-740-1015	Contact Name Gary Froese		
E-mail gfroese@primemaxenergy.com				

Name of Propane Transporter. If same as above, please check box. <input checked="" type="checkbox"/>			For Office Use - Party No.	
Street No.	Street Name / 911 Number / Address, if applicable			
Town / City or Township / Country		Province	Postal Code	
Telephone No.	Fax No.	Contact Name		
E-mail				

Off-site Cylinder and/or Mobile Storage		Capacity stored off-site, in USWG	For Office Use - Party No.	
Street No.	Street Name / 911 Number / Address, if applicable			
Town / City or Township / Country		Province	Postal Code	
Telephone No.	Fax No.	Contact Name		

Note: Customer storage is not considered off-site storage.

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Name of person completing this form (please print) Vasuki Sukunenthiran		Official Title Site Manager	
Signature 	Telephone No. 416-890-4316	Date (dd-mm-yyyy) 24-11-2014	



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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN

The licence holder will complete Section B in consultation with the local Fire Services.

Description of the maximum volume, types and storage location of other hazardous materials on site, if any.

Gasoline 89,000 litres- Underground tank

Diesel 23,000 litres- Underground tank

Description of fire and emergency equipment indicated on facility site map.

ABC Fire Extinguishers

1 - 1 Fire Extinguisher located at Propane Dispenser

2- 1 Fire Extinguisher located at gas station kiosk

List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.) and describe their function, use and operation.

Spring Loaded Door shut off. A Steel Cable with a Fusible link is attached to the door. In the event of an incident the door can be closed which will close the main valve on the bottom of the tank, stopping any release of propane

Fusible link associated with the door shut-off. Emergency Stop Button -inside propane kiosk-shuts down pump/closes solenoid valve upstream of hoses.

Power supply breaker inside the gas bar building. This cuts all power to the propane system - shuts down pump: closes solenoid valve.

Maintenance and testing schedule for fire protection controls and devices.

Fire Extinguishers to be maintained in accordance with Ontario Fire Code

Sign off mtce. sheet used daily

Pumps every 6 months ;pump;motor; grease pump every 6 months

Storage Tank Relief Valves-inspected every 2 years; replacement schedule as per provincial regulations.

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Signature 	Telephone No. 416-890-4316
	Date (dd-mm-yyyy) 24-11-2014



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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact		5. Facility 24-Hour Contact Person	
Name Vasuki Sukunenthiran	For Office Use - Party No.	Name Vasuki Sukunenthiran	For Office Use - Party No.
Official Title Site Manager		Official Title Site Manager	
Telephone No. 416-890-4316	Fax No. 905-454-5226	Cell No. 416-890-4316	Fax No. 905-454-5226
E-mail suku5000@hotmail.com		E-mail suku5000@hotmail.com	
Role and responsibilities in emergency Implement evacuation plan and contact 911		Role and responsibilities in emergency Respond to incident and notify first responders	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Rolando Polsinelli	For Office Use - Party No.	Name Vasuki Sukunenthiran	For Office Use - Party No.
Official Title Owner		Official Title Site Manager	
Telephone No. 905-794-0843	Fax No. 905-454-5226	Telephone No. 416-890-4316	Fax No. 904-454-5226
E-mail rolando.polsinelli@yahoo.ca		E-mail suku5000@hotmail.com	
Role and responsibilities in emergency Role & responsibilities in emergency Co-ordinate site response plan		Role and responsibilities in emergency Co-ordinate site response plan	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Andy MacDnald	For Office Use - Party No.	Name Gary Froese	For Office Use - Party No.
Official Title Fire Chief	E-mail andy.macdonald@brampton.ca	Official Title Sales Manager	E-mail gfroese@primemax energy.com
Telephone No. 905-874-2721	Fax No. 905-874-2727	Telephone No. 519-740-8209	Fax No. 519-740-1015
Role and responsibilities in emergency Co-ordinate emergency response and advise Fire Service. Liase with Police		Role and responsibilities in emergency assist first responders	
Fire Services Address 225 Central Park Drive, Brampton ,Ontario L6S 6H1		Propane Supplier Address 2558 Cedar Creek Rd. Ayr,Ontario N0B 1E0	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Brian Maltby	For Office Use - Party No.	Name Peter Fay	For Office Use - Party No.
Official Title Deputy Chief	E-mail brian.maltby@brampton.ca	Official Title City Clerk	
Telephone No. 905-874-2741	Fax No. 905-874-2735	Telephone No. 905-874-2172	Fax No. 905-874-2119
Role and responsibilities in emergency Activate response to Emergency		E-mail peter.fay@brampton.ca	
Fire Services Address 225 Central Park Drive, Brampton, Ontario, L6S 6H1		Municipality Name and Address City of Brampton	

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Name of person completing this form (please print) Vasuki Sukunenthiran	Official Title Site Manager
Signature <i>V. Vasuki</i>	Telephone No. 416-890-4316
	Date (dd-mm-yyyy)



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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

2. Additional Safety Measures

Describe any other measures in place at the facility that exceed the minimum Code and Standards requirements.

Emergency Stop Button cuts the power to the dispenser located in the kiosk

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Name of person completing this form (please print) Vasuki Sukunenthiran	Official Title Site Manager	
Signature S. VASUKI	Telephone No. 416-890-4316	Date (dd-mm-yyyy) 24-11-2014



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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

3. Record of Emergency Training Provided - For most recent 12-month period.

Training on Emergency Response Plan and Procedures provided to facility key contacts.

Training Date (dd-mm-yyyy) 25-07-2014	Print Name of Training Provider: Vasuki Sukunenthiran
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Training on the facility's Emergency Management Procedures provided to staff.

Training Date (dd-mm-yyyy) 25-07-2014	Print Name of Training Provider: Vasuki Sukunenthiran
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training.

Training Date (dd-mm-yyyy) 08-07-2014	Print Name of Training Provider: Primemax Energy Inc.
	Print Name of Instructor: Ron Driedger -T223
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Name of person completing this form (please print) Vasuki Sukunenthiran	Official Title Site Manager
Signature S. VASUKI	Telephone No. 416-890-4316
	Date (dd-mm-yyyy) 24-11-2014



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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

4. Emergency Training Plan for Coming Year

Training on Emergency Response Plan and Procedures provided to facility key contacts.

Target Date (dd-mm-yyyy) 25/07/2014	Print Name of Training Provider: Primemax Energy Inc
	Print Name of Instructor: Ron Driedger
Target Date (dd-mm-yyyy) 25/07/2014	Print Name of Training Provider: PTI-911-02- Propane Emergency Response for Retail Dispensing Sites-Workbook
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Training on the facility's Emergency Management Procedures provided to staff.

Target Date (dd-mm-yyyy) 25/07/2014	Print Name of Training Provider: Site Manager- Vasuki Sukunenthiran
	Print Name of Instructor: Vasuki Sukunenthiran
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training.

Target Date (dd-mm-yyyy) 08-07-2014	Print Name of Training Provider: Primemax Energy Inc.
	Print Name of Instructor: Ron Driedger -T223
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Name of person completing this form (please print) Vasuki Sukunenthiran	Official Title Site Manager
Signature 	Telephone No. 416-890-4316
	Date (dd-mm-yyyy) 24-11-2014



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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services.

5. Emergency Response Communications Plan

Warnings and Actions

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).
Staff will evacuate the site of all persons and move to designated site . When they are at safe location, Vasuki will conduct emergency procedure as listed at site re PTI 911 -02 Propane Emergency Response for Retail Dispensing Sites.

Describe what action is to be taken and by whom when a warning is issued (including details of a meeting place in a safe identified area and activating the evacuation plan, if necessary).
The staff would push the Emergency Stop Button and then call 911 from the store or cell phone. The staff will then move all employees and customers to the designated safe location.
Actions will be taken by an on duty ROT trained person.

Communication with Emergency Response Authorities

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).
In the event of an emergency the site staff would call 911 from safe location.
An ROT person will be on duty to visually ascertain any abnormal/accident event and implement the appropriate emergency response actions.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.
The site has 24 hour clear access for the fire service.

Describe how the licence holder will ensure continual flow of updated information to authorities.
The on site employees , after evacuating any customers, will communicate with the situation commander when the fire service arrives at the location.

How long will it take the facility liaison person to respond to the site.
Vasuki will arrive within 10 minutes of contact.

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Name of person completing this form (please print) Vasuki Sukunenthiran	Official Title Site Manager	
Signature <i>VASUKI</i>	Telephone No. 416-890-4316	Date (dd-mm-yyyy) 24-11-2014



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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services.

6. Building and Site Security and Procedures

	Yes	No
1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there adequate night lighting at the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are there procedures that capture and record the daily inspection of hoses and inspection requirements for filling systems and mechanical devices used in the transfer of propane?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are weighing systems validated for accuracy?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is the schedule of maintenance and testing activities retained on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7. Water Supply

The propane licence holder should work with the local fire department to determine water supply capabilities that are available based on the propane facility's location.

	Yes	No
1. Is a pressurized water system available at the propane facility site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)	<u>65 M to fire hydrant</u>	
4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only)	<u>N/A</u>	

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Name of person completing this form (please print) Vasuki Sukunenthiran	Official Title Site Manager
Signature <i>VASUKI</i>	Telephone No. 416-890-4316
	Date (dd-mm-yyyy) 24-11-2014



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SECTION C: SUBMISSIONS

Applicant must include a Facility Site Plan and Map of Surrounding Area

Facility Site Plan.

The licence holder will submit a copy of the original facility site plan updated with the following information:

1. The storage location of fixed, portable, and mobile vessels.
2. The maximum volume, types and storage location of hazardous materials.
3. Location of permanent structures on site.
4. Access and egress points and location of barriers.
5. Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and location of fire hydrant or water supply where available.
6. Location of emergency shut off/shut down switches/valves.

Map of Surrounding Area.

The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
8. GPS co-ordinates of the single largest vessel.
9. Visual indication of the single largest fixed vessel and a circle made using the distance in Table 1 as the radius from the single largest fixed vessel.
10. Clear indication of the municipality or municipalities present within the circle.
11. Visual indication of property line information.
12. The location and name of roads within or abutting the site.
13. Key note to the drawing indicating the facility's municipal address, municipal lot number(s) and concession lines as applicable, and the date the map was prepared.
14. Address and contact information for each municipality (municipal clerk or secretary-treasurers of planning board). (Refer to page 5.)
15. Complete "Required Mapping Information from Updated Site Plan" in table below .

Required Mapping Information from Updated Site Plan

Date Map Prepared (dd-mm-yyyy) 23-08-2010	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 56 m	Right side property line: 8 m
Rear: 32 m	Left side property line: 15 m
GPS coordinates of single largest vessel: 43.6951-79.734	

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Name of person completing this form (please print) Vasuki Sukunenthiran	Official Title Site Manager
Signature <i>V. VASUKI</i>	Telephone No. 416-890-4316
	Date (dd-mm-yyyy) 24-11-2014

AnGas Bar118 Orenda Road

Fire Service Information Form

Review and Comments for Level 1 RSMP

Date: March 9th 2015

Reviewed By: Andrew von Holt Chief Fire Official

Note:
Some versions of Adobe Reader will not allow users to save this file after completion. Use compatible versions of Adobe software when possible.

The following information is being provided by the local fire service having jurisdiction for the propane facility referenced within the Level 1 RSMP submission. The fire service is providing the information under the requirements of O. Reg. 211/01 and exercising its authority for review and comment. The following comments are being provided to the propane operator;

Municipal Information	
Municipality / Region	City of Brampton
Address	2 Wellington Street West
Address	
City	Brampton Ontario
Postal Code	L6Y 4R2
Clerk	Peter Fay
Phone	905 874-2172
Fax	
Email	peter.fay@brampton .ca
Alternate (if applicable)	
Phone	
Fax	
Email	

Municipal Fire Department Information	
Fire Department Name	Brampton Fire & Emergency Services
Address	225 Central Park
Address	
City	Brampton, Ontario
Postal Code	L6S 6H1
Fire Chief	Micheal Clark
Phone	905 874-2700
Cell	
Fax	905 874-2727
Email	mike.clark@brampton.ca
Alternate Contact	Andrew von Holt
Phone	905 874-2741
Cell	416 795-0564
Fax	905 874-2735
Email	andrew.vonholt@brampton.ca

Fire Service Response Details	
The fire service should identify how many fire stations are located in the municipality and reference an approximate distance to the closest municipal fire station for response. Municipal resources should be shown in this table since the contacted fire service may not be available to respond at all times.	
How many fire stations are within the municipality?	13
What is the approximate distance to the propane facility from the closest municipal fire station (Km)?	3.6 km
The fire service should provide the average response time for their first arriving crew from the closest responding station, including stations under agreement. The time noted should be used as an ordinary response time as other factors that increase response time are not predictable. The time to assemble a full complement of crews means that the fire service has established all operational tasks and staffing and resources are available to support the operational assignments. Average times should be noted as factors that influence response setup are not predictable.	
What is the approximate First Response time? (First arriving crew to complete scene assessment)	4 Minutes
What is the expected time to assemble a full complement of crews to support operations (approx. minutes)? (All apparatus and crews arrive, operational assignments provided)	10 Minutes

Fire Service Equipment					
Provide a list of all fire service apparatus that will be responding to this specific propane site should an event occur. List apparatus as pumpers, tankers or aerial devices. Combination units should be shown for the intended use as a pumper or tanker. Note: Apparatus shown in this section are for information purposes only. Unforeseeable situations such as maintenance or other emergency responses may limit apparatus availability. Total pump capacity may be limited by the water supply available or the number of apparatus available. Operations may require pumpers to be assigned to water supply and the site.					
Truck ID (P1, T1 or L1)	Pumper	Tanker	Elevating Device	Pump Capacity (GPM or LPM)	Water Capacity (Gal or Litres)
			See Attached		
Total Pump Capacity available (units)					
Total Mobile Water Capacity available on trucks (units)					

Municipal Fire Department Equipment					
Truck ID (P1, T1 or L1)	Pumper	Tanker	Elevating Device	Pump Capacity (GPM or LPM)	Water Capacity (Gal or Litres)
P201	X			1050 GPM	500 GAL
Sq201	X			1050 GPM	500 GAL
P202	X			1050 GPM	500 GAL
A202			X	1500 GPM	300GAL
SQ203	X			1050 GPM	500 GAL
P204	X			1050 GPM	500 GAL
A204			X	1500 GPM	500GAL
P205	X			1050 GPM	500 GAL
SQ205	X			1050 GPM	500 GAL
P206	X			1050 GPM	500 GAL
SQ206	X			1050 GPM	500 GAL
A207			X	1500 GPM	500GAL
A208			X	1500 GPM	500 GAL
P209	X			1050 GPM	500 GAL
A210			X	1500 GPM	500 GAL
P211	X			1250 GPM	500 GAL
P212	X			1050 GPM	500 GAL
A213			X	1500 GPM	500 GAL
S251	X			1050 GPM	500 GAL
S253	X			1050 GPM	500 GAL
P252	X			1050 GPM	500 GAL
P255	X			1050 GPM	500 GAL
A257			X	1250 GPM	500 GAL
A258			X	1250 GPM	500 GAL
T218		X		-	2000GAL
Total Pump Capacity available (units)					29,000 GPM
Total Mobile Water Capacity available on trucks (units)					13,500 GAL

Fire Service Response Considerations

The engineer must consider your fire protection services capabilities when determining a mitigation strategy in the RSMP. It will be important to provide accurate information about response capabilities and training to ensure the RSMP closes any identified response gaps.

Current Level of HAZMAT training that the fire service has obtained

Full Technical Response

Provide fire service operation details that a propane company could expect from your fire service in the event of a propane leak or fire.

(Example of Service Operations:

Dispatch protocols will have a 1st response alarm of 3 response locations including apparatus XYZ, establish water supply with apparatus abc, our fire service has awareness level training, will establish safety zones, control fire within training and operational limitations, fight fire from a safe distance, will await technical support from propane operator.)

First alarm response of three pumpers, one aerial device and one District Chief. Additional alarms would be called as the situation requires, including a mobile command post.

A significant event may result in the potential closure of a major highway, rail line or Pearson International Airport.

List all intervention capabilities that the fire service can provide.

(Provide specific details that identify mitigation actions the fire service will perform for this specific site)

Fire suppression/hazardous materials response/rescue.

Rescue.

Incident Command.

Water Supply Comments	
<p>Check the appropriate response that best suits the water flow situation identified by your fire department.</p> <p>Note: This information should also be shown in the Level 1 RSMP (page 10 of 15).</p>	
The fire service has the capability to pump and maintain a continuous flow rate of 375 GPM at the referenced facility.	<input checked="" type="checkbox"/>
The fire service DOES NOT have the capabilities to pump 375 GPM at the propane facilities location. The propane operator requires a level of fire protection services beyond the capabilities of the municipal fire department and will be responsible to assess other safety strategies beyond municipal fire protection.	<input type="checkbox"/>
<p>Fire Service Comments for Level 1 RSMP Section B Emergency Response and Preparedness Plan</p> <p>Section B page 4, a Facility Site Plan has not been provided.</p> <p>Section B, page 5, Area 1, no evacuation plan provided.</p> <p>Section B, page 5, Area 3, Local Fire Service Key Contact should be shown as Micheal Clark Fire Chief. Email: mike.clark@brampton.ca</p> <p>Section B, page 7 last training date was July 25, 2014 has new owner been provided with any training/</p> <p>Section B, page 9 Warnings and Actions, the process to advise neighbours to evacuate has not been identified.</p> <p>Section B, page 10, area 7 Water Supply, Question 1, there is a pressured water system in the form of fire hydrants at the propane facility site.</p>	
OFSCFCB-Rev Draft 2	Fire Service Commentary
	Page 5 of 7

Additional Fire Service Comments:

[Empty box for additional fire service comments]

MARCH 11/15
Date

ANDREW VOLKERT
Print Name


Signature



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services.

8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services	Yes	No
Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?	<input type="checkbox"/>	<input type="checkbox"/>
If not, please explain (e.g., no fire services).		
<hr/> <hr/>		
Fire services comments, if any:		
<hr/> <hr/>		
To be completed by the Licence Holder		
In response to the above comments, the following action(s) is required:		
<hr/> <hr/>		
The licence holder will respond to the Local Fire Services comments by: _____		
(dd-mm-yyyy)		

LOCAL FIRE SERVICES		
The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.		
Print name	Signature	Date (dd-mm-yyyy)
Local Fire Services Name		

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Vasuki Sukunenthiran	Official Title Site Manager	
Signature 	Telephone No. 416-890-4316	Date (dd-mm-yyyy) 24-11-2014



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www.tssa.org

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3300 Bloor Street West
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Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS (cont'd)

Applicant must include a Facility Site Plan and Map of Surrounding Area

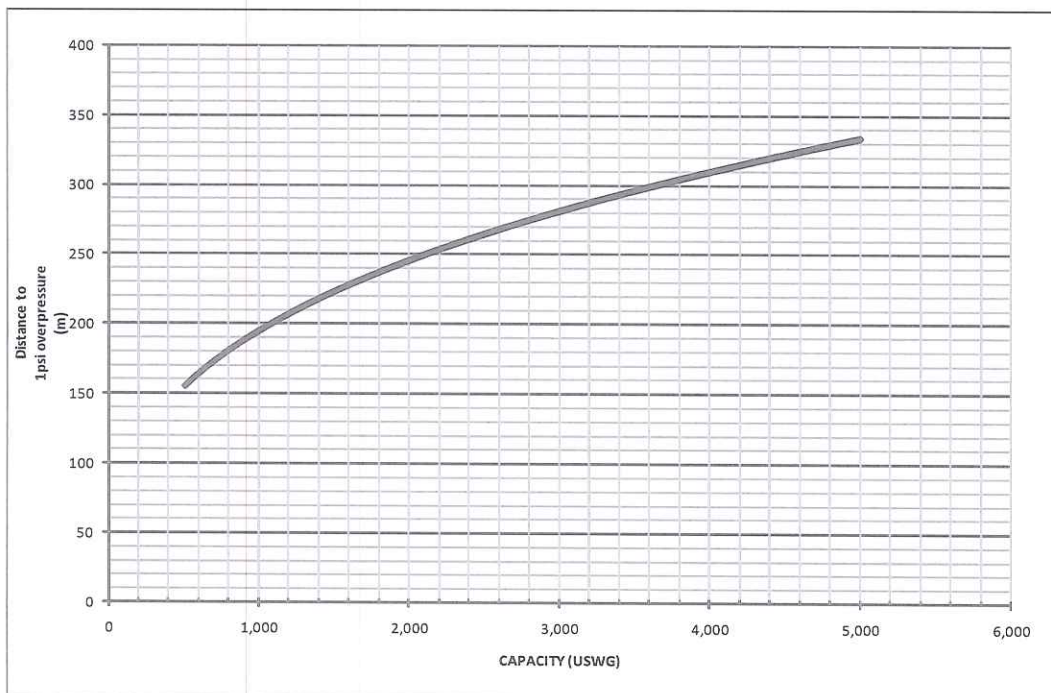
Table 1: Distance Table

Water Capacity (litres)	Nominal Water Capacity (USWG)	Distance to 1 psi overpressure (m)
1,890	500	155
3,780	1,000	195
4,920	1,300	213
6,620	1,750	235
7,130	1,885	241
7,560	2,000	246
18,900	5,000	333

Formula: $D = 16.94 \times (1.524 \times C)^{1/3}$
 D = Distance to overpressure of 1 psi (meters)
 C = Tank Total Capacity in USWG

Parameters: Density of Propane is 0.5033 kg per litre @ 15 C
 Assume all vessels are 80% full
 1 gallon [US, liquid] = 0.003785411784 cubic meter
 1 cubic metre = 264.17 USWG

Hazard Distance Chart (EPA-TNT model)





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SECTION C: SUBMISSIONS (cont'd)

Applicant must include a Facility Site Plan and Map of Surrounding Area

As an accompaniment to the Map of Surrounding Area, provide the following information about buildings and features present within the circle in Table 2.

Table 2: Buildings and Features

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: <u>Gary's Automotive Repair</u> Address: <u>118 Orenda Road</u> City: <u>Brampton</u> Province <u>ON</u> Postal Code <u>L6W 3W6</u>			X		<u>16.5</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____			X		_____ m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Briskit</u> Address: <u>118 Orenda Road</u> City: <u>Brampton</u> Province _____ Postal Code _____			X		<u>16.5</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____					_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____					_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____					_____ m

* For multi-unit buildings, count each unit as "1".

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) <u>Vasuki Sukunenthiran</u>	Official Title <u>Site Manager</u>
Signature <u>VASUKI</u>	Telephone No. <u>416-890-4316</u>
	Date (dd-mm-yyyy) <u>24-11-2014</u>



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www.tssa.org

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Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
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WORKSHEET

Portable Storage Additional Information Worksheet

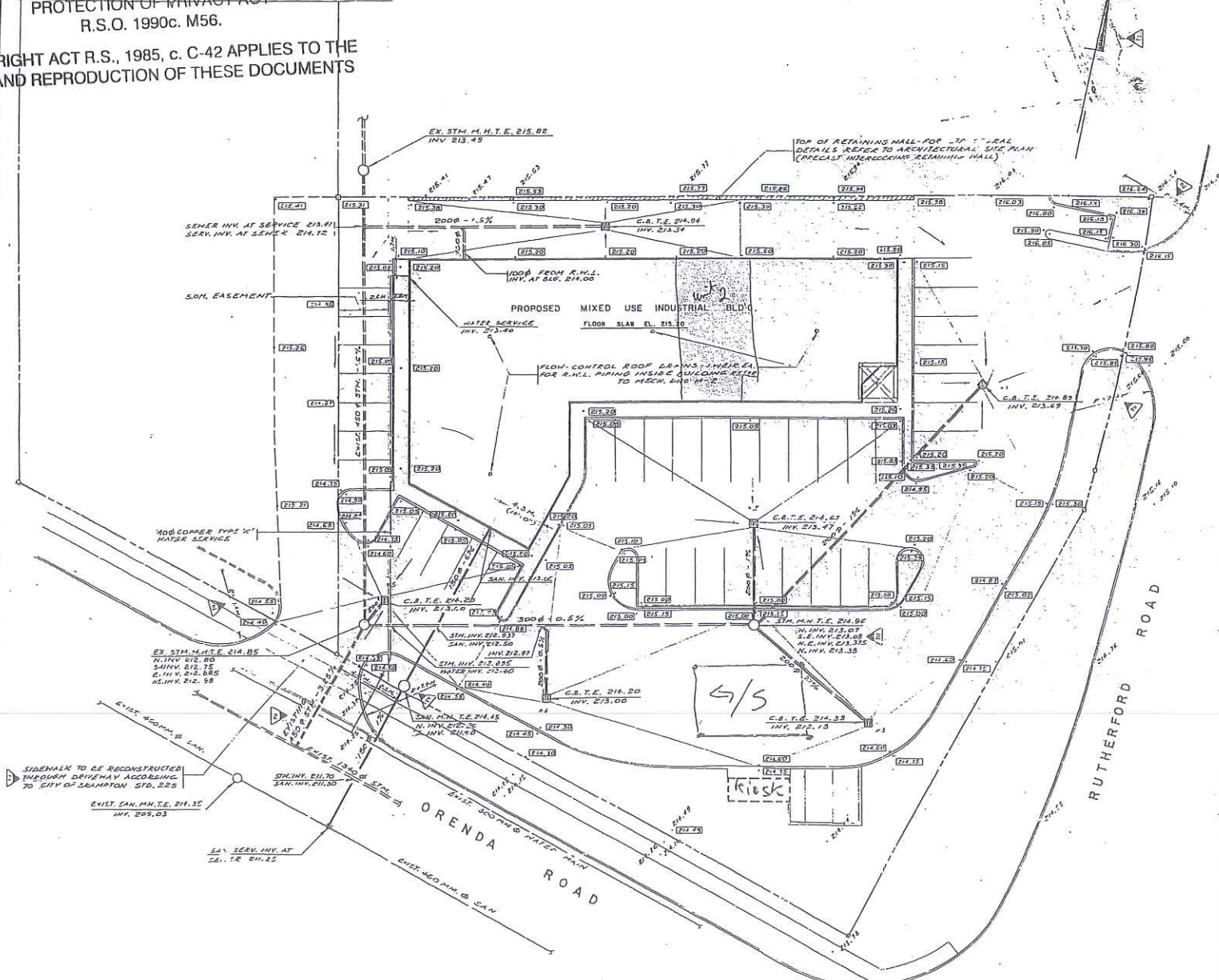
Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8	100	580
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			

Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
0	0	0
Total Tank Capacity		

Total Cylinder Capacity	580 uswg
Total Tank Capacity	2000 uswg Propane Refill Tank
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	2580 uswg

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GRADING LEGEND

EXISTING GRADE ELEVATIONS

PROPOSED GRADE ELEVATIONS

- NOTES:**
- C.B. & MANHOLES SHALL CONFORM TO CURRENT CITY OF BRAMPTON ENGINEERING 1.5% STANDARDS.
 - STORM DRAINAGE PIPING SHALL BE CONCRETE SENDER PIPE CONFORMING TO C.I.W. STANDARDS OF THE A-257-1974 SERIES OR A.Y.C. C.I.A. STANDARD CIBZ.1-M1983.
 - STORM DRAINAGE PIPING SHALL BE INSTALLED ON MIN. 150 MM THICK CRUSHED STONE BED.
 - STORM DRAINAGE PIPING SIZING IS BASED ON 100 MM RAINFALL.
 - WATER SERVICE MATERIALS & CONSTRUCTION METHODS MUST CORRESPOND TO THE CURRENT PEEL PUBLIC WORKS STANDARDS & SPECIFICATIONS.
 - WATER SERVICE TO BE 400(MM) COPPER TYPE 'K'.
 - WATER SERVICE TO HAVE MIN. COVER OF 1.0M (3'-0") WITH MIN. HORIZONTAL SPACING OF 1.5M (4'-0") FROM ALL OTHER UTILITIES.
 - WATER SERVICE TO HAVE FLUSHING POINT AT THE END THE SAME SIZE AS THE LINE.
 - WATER SERVICE MUST HAVE MIN. VERTICAL CLEARANCE OF 0.15M (5") OVER 0.3M (12") UNDER SEWERS & ALL OTHER UTILITIES WHEN CROSSING.
 - SAN. SERVICE & MANHOLES MUST BE 300(MM) & CONFORM TO PEEL PUBLIC WORKS STANDARDS & SPECIFICATIONS. ALL MANHOLES SHALL BE 1.5M (5'-0") DIA. UNLESS OTHERWISE SPECIFIED. ALL MANHOLES SHALL BE 1.5M (5'-0") DIA. UNLESS OTHERWISE SPECIFIED.
 - WATER METER INSTALLATION SHALL CONFORM TO PEEL PUBLIC WORKS STANDARDS & SPECIFICATIONS. METER TO HAVE MAX. FLOW OF 80GPM, MIN. OF 5GPM. REFER ALSO TO CNR. 1-3

CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE. DO NOT SCALE DRAWINGS. DRAWINGS ARE TO BE USED FOR CONSTRUCTION ONLY WHEN SIGNED BY THE ARCHITECT.

SIGNED: _____ DATE: _____



J.P. KLOC & ASSOCIATES INC.
CONSULTING ENGINEERS
43 ROSEBUD AVE.
THORNHILL, ONTARIO

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	2008-08-20
2	REVISED AS PER CITY OF BRAMPTON COMMENTS	2008-09-05
3	ISSUED FOR CONSTRUCTION	2008-09-15
4	REVISED AS PER CITY OF BRAMPTON COMMENTS	2008-10-01
5	ISSUED FOR CONSTRUCTION	2008-10-15

REGION OF PEEL CONSTRUCTION STANDARDS

ALL WATERMANS AND WATER SERVICE MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO THE CURRENT PEEL PUBLIC WORKS STANDARDS AND SPECIFICATIONS.

WATERMAIN AND/OR WATER SERVICE MATERIALS 100mm (4") AND LARGER MUST BE DUCTILE IRON PIPE A.N.S.I. CLASS 52 CEMENT LINED WITH TYTON JOINTS COMPLETE WITH POLYETHYLENE ENCAPSULATION TO A.N.S.I. STD. 9015 OR F.V.C. CLASS 150 MANUFACTURED TO A.M.A. SPEC. C900-75, COMPLETE WITH TRACER WIRE SIZES 50mm (2") AND SMALLER ARE TO BE COPPER TYPE 'K' SOFT OR FLOUTHELYNE A.M.A. C901-78 IN SIZES 24 TO 50mm (1" TO 2"). (SPECIFY ONLY MATERIALS BEING USED)

WATERMANS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7m (5'-6") WITH A MINIMUM HORIZONTAL SPACING OF 1.2m (4') FROM THEMSELVES AND ALL OTHER UTILITIES.

PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC. MUST BE PROVIDED WITH AT LEAST A 50mm (2") OUTLET ON 100mm (4") AND LARGER LINES. COVER LINES ARE TO HAVE FLUSHING POINTS AT THE END. THE SAME SIZE AS THE LINE. THEY MUST ALSO BE TESTED OR PIPED TO ALLOW THE WATER TO DRAIN OVER A PARKING LOT OR DOWN A DRAIN. ON FIRE LINES, FLUSHING OUTLET TO BE 100mm (4") DIAMETER MINIMUM OR A HYDRANT.

ALL CURB STOPS TO BE 1.5m (5'-1") OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.

HYDRANT AND VALVE SET TO REGION STANDARD ZOSTA (S-5) DIMENSIONS A AND B. 7m (2'-11") AND 5.3m (17'-4").

ALL HYDRANTS ARE TO HAVE PUMPER NOZZLE OUTLET.

WATERMANS TO BE INSTALLED TO RIGGS AS SHOWN ON APPROVED SITE PLAN. COPY OF GRADE SHEET MUST BE SUPPLIED TO INSPECTOR PRIOR TO COMPLETION OF WORK, WHERE REQUESTED BY INSPECTOR.

WATERMANS MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 1.5m (5'-0") OVER 0.3m (12") UNDER SEWERS AND ALL OTHER UTILITIES WHEN CROSSING.

THIS BLDG HAS BEEN REVIEWED.
GROUP: 2 DIVISION:
COMBUSTIBLE NON COMBUSTIBLE CONSTRUCTION
STREET ALLOWANCE:
SPRINKLERED:
NUMBER OF STORIES:

SITE PLAN 1:200

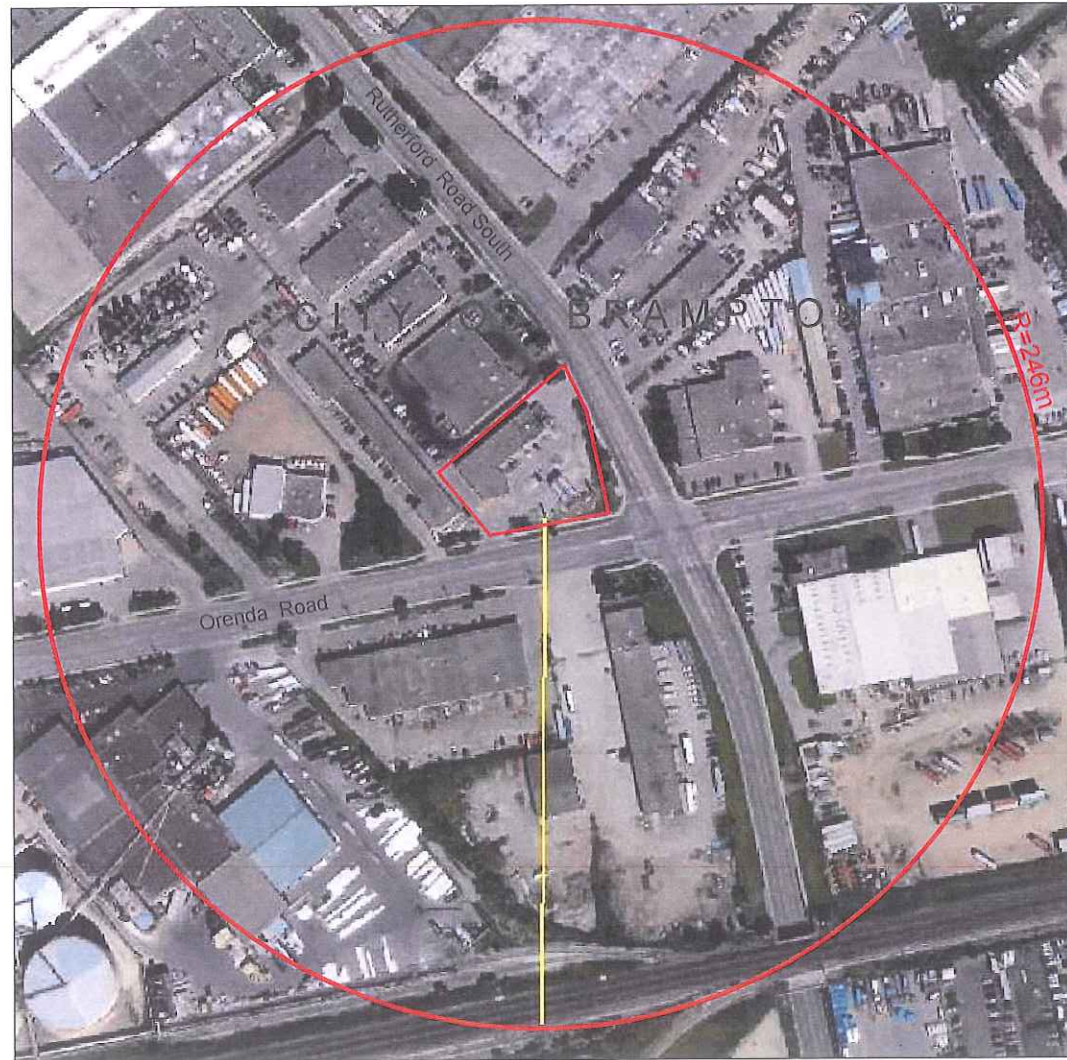
PROJECT
MIXED USE INDUSTRIAL BUILDING
ORENDA & RUTHERFORD RD.
BRAMPTON, ONT.

DRAWING
GRADING & DRAINAGE PLAN

DRAWN	H.K.	JOB NO.	8722
CHECKED	J.P.K.	DRAWING NO.	
SCALE	1:200		M-1

Map of Surrounding Area

118 Orenda Road, Brampton



Municipal Contact Information

NAME:	Peter Foy
TITLE:	City Clerk
TELEPHONE No.:	905 874 2172
FAX:	905 874 2119
MUNICIPALITY:	City of Brampton

DATE MAP PREPARED: (07-07-2015)
IMAGERY DATE: 8/18/2014

CAPACITY OF SINGLE LARGEST PROPANE STORAGE VESSEL 2000USWG

TANK SETBACK COORDINATES.

FRONT:	56m	RIGHT SIDE PROPERTY LINE:	8m
BACK:	32m	LEFT SIDE PROPERTY LINE:	15m

GPS COORDINATES OF SINGLE LARGEST VESSEL 43.6951-79.734

AnGas Bar
118 Orenda Road,
Brampton, ON
L6W 3W6

905 454 5226