

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

00766499201-C

0076499201-C

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

TECHNICAL STANDARDS AND SAFETY AUTHORITY  
RECEIVED

## 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.

Company Name

Ontario Corporation No., if applicable

**A** Costco Wholesale (Canada) Ltd.

Operator Name (if different from above)

Lee Baker (Agent/Warehouse Manager)

Telephone No.

1-800-463-3783

Fax No.

N/A

E-mail

service@costco.ca

**B** Street No.

415

Street Name / 911 Number / Address, if applicable

West Hunt Club Road

Town / City or Township / County

Ottawa

Province

Ontario

Postal Code

K2E 1C5

Mailing address if different from above.

**C** Street No.

same

Street Name / 911 Number / Address, if applicable

Town / City or Township / County

Province

Postal Code

### Information on Container Refill Centre or Filling Plant

Location of facility.

**D** Street No.

4411

Street Name / 911 Number / Address, if applicable

Walker Road

Nearest Major Intersection

Walker Road and Legacy Park Boulevard

Town / City or Township / County

City of Windsor

Province

Ontario

Postal Code

N8W 3T6

Name of Licence Holder

Lee Baker (Agent/Warehouse Manager) on behalf of Costco Wholesale Ltd.

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT).

Robert Moyer

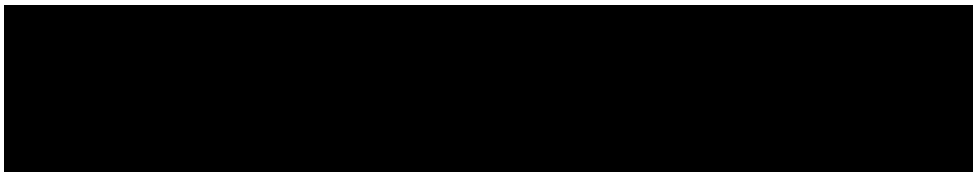
ROT type

100-08-77281

Municipality (or municipalities if the facility or its hazard distance touches multiple borders)

Windsor

Hours of operation.



Kalmeij Process Safety Superior Propane 20/02/2012

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



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 A: GENERAL INFORMATION (cont'd)**

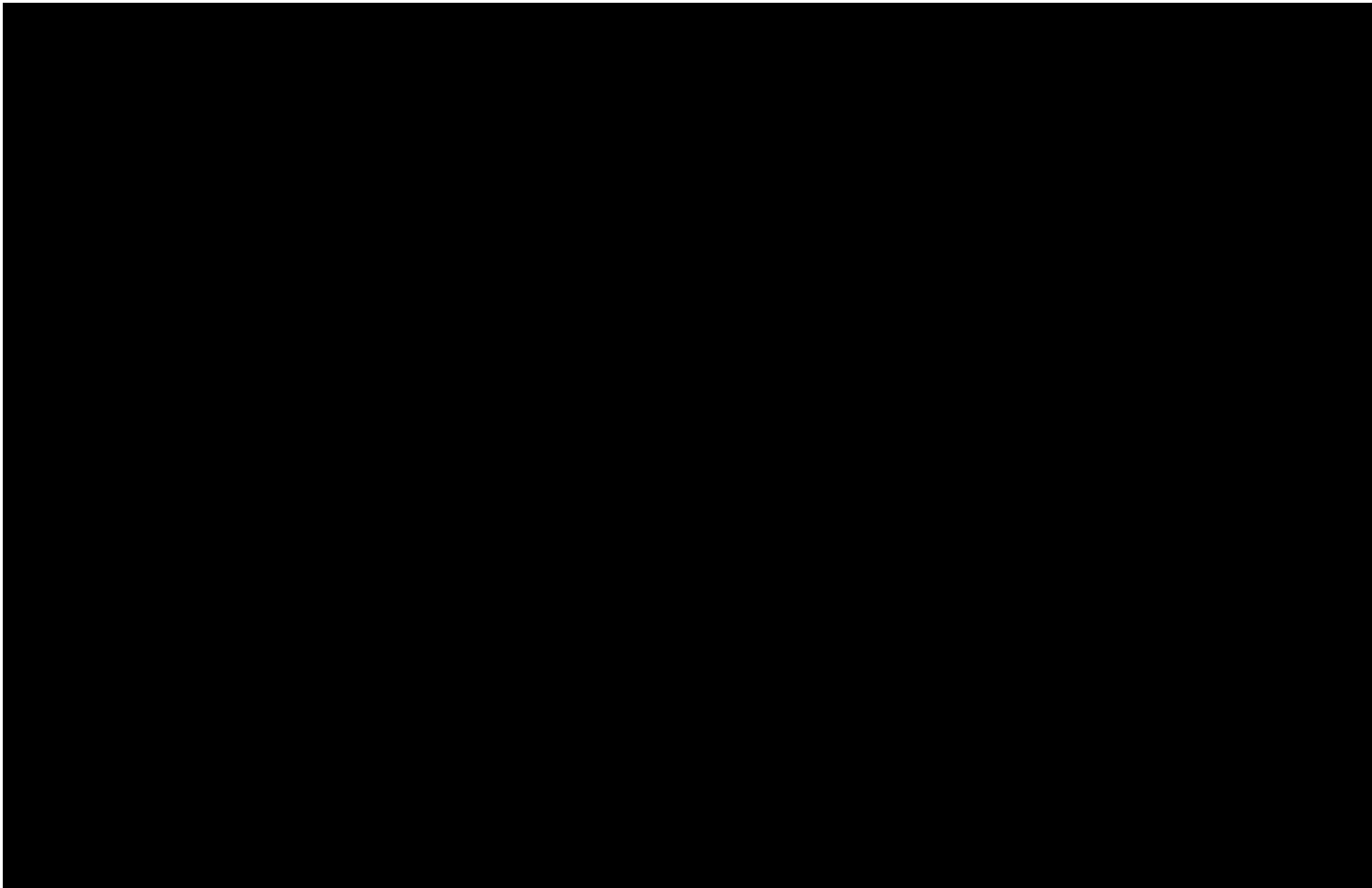
Indicate the year the facility was established. 2000	Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. None
---	---

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

	PSIG	Serial Number
Tank 1:	250	5.562982
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: 1885 USWG      Portable: 696 USWG      Mobile: 0



**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) Lee Baker	Official Title Warehouse Manager	
Signature 	Telephone No. 905-484-1278	Date (dd-mm-yyyy) 16/02/12



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

**SECTION A: GENERAL INFORMATION (cont'd)**  
Activity Information

<b>Name of Propane Supplier(s)</b> Superior Propane - Ontario Regional Operations Centre		<b>For Office Use - Party No.</b> [REDACTED]	
<b>Street No.</b> 251	<b>Street Name / 911 Number / Address, if applicable</b> Woodlawn Road West, Unit 217		
<b>Town / City or Township / Country</b> Guelph		<b>Province</b> Ontario	<b>Postal Code</b> N1H 8J1
<b>Telephone No.</b> 1-877-873-7467	<b>Fax No.</b> 519-836-7766	<b>Contact Name</b> Mike Mullins	
<b>E-mail</b> mullinsm@superiorpropane.com			

<b>Name of Propane Transporter.</b> If same as above, please check box. <input type="checkbox"/>		<b>For Office Use - Party No.</b> [REDACTED]	
Superior Propane - Chatham			
<b>Street No.</b> 7652	<b>Street Name / 911 Number / Address, if applicable</b> Queensline, Highway 2 West		
<b>Town / City or Township / Country</b> Chatham		<b>Province</b> Ontario	<b>Postal Code</b> N7M 5J5
<b>Telephone No.</b> 519-401-1095	<b>Fax No.</b> N/A	<b>Contact Name</b> Mike Mullins	
<b>E-mail</b> mullinsm@superiorpropane.com			

<b>Off-site Cylinder and/or Mobile Storage</b>		<b>Capacity stored off-site, in USWG</b>	<b>For Office Use - Party No.</b>
None			
<b>Street No.</b>	<b>Street Name / 911 Number / Address, if applicable</b>		
<b>Town / City or Township / Country</b>		<b>Province</b>	<b>Postal Code</b>
<b>Telephone No.</b>	<b>Fax No.</b>	<b>Contact Name</b>	

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

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<b>Name of person completing this form (please print)</b> Lee Baker		<b>Official Title</b> Warehouse Manager	
<b>Signature</b> 		<b>Telephone No.</b> 905-484-1278	<b>Date (dd-mm-yyyy)</b> 16/02/12





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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 - 240,000 litres

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

Fire Extinguishers - Type: ABC - located at:

1. Propane filling station
2. Tire Shop

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.

1. Fusible link on ISC valve - isolation valve between the tank and the downstream propane dispensing equipment.
2. Emergency stop lever - mounted inside the dispenser cabinet. This shuts down the pump.
3. Emergency stop push button - on outside wall by bay door. This shuts down the pump.
4. Fuse/power supply breaker - inside the 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.

Maintenance and testing is undertaken by Superior Propane according to Superior Propane's Maintenance Standard. Schedule for key equipment is:

1. Pumps (Pumps every 3 months; Pump motor; check belts monthly; grease motor every 6 months)
2. ISC Valves (test for closure every 6 months)
3. Storage tank Relief Valves - inspect every 2 years; replacement schedule as per provincial regulations.
4. Fusible links - inspected every 6 months
5. Fire extinguishers maintained by Costco as per Ontario fire regulations. Maintenance records kept for 5 years.

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

**1. Contacts for Emergency Response**

<b>1. Facility Contact Personnel - Key Contact</b>		<b>5. Facility 24-Hour Contact Person</b>	
Name Todd Prescott	For Office Use - Party No.	Name Lee Baker	For Office Use - Party No.
Official Title Tire Centre Manager		Official Title Warehouse Manager	
Telephone No. 519-972-1899	Fax No. N/A	Cell No. 905-484-1278	Fax No. N/A
E-mail w534tsm@costco.com		E-mail w534mgr@costco.com	
Role and responsibilities in emergency Coordinate site response		Role and responsibilities in emergency Coordinate site response	
<b>2. Facility Contact Personnel - Alternate Contact</b>		<b>6. Name of Facility Manager</b>	
Name Kevin Baker	For Office Use - Party No.	Name Lee Baker	For Office Use - Party No.
Official Title Assistant Warehouse Manager		Official Title Warehouse Manager	
Telephone No. 519-972-1899	Fax No. N/A	Telephone No. 905-484-1278	Fax No. N/A
E-mail w534mgr3@costco.com		E-mail w534mgr@costco.com	
Role and responsibilities in emergency Coordinate site response if agent unavailable.		Role and responsibilities in emergency Coordinate site response	
<b>3. Local Fire Services - Key Contact</b>		<b>7. Propane Supplier Key Contact Person</b>	
Name Bruce Montone	For Office Use - Party No.	Name Superior Propane Hotline	For Office Use - Party No.
Official Title Fire Chief		Official Title	
Telephone No. 519-253-6573	Fax No. (519) 255-6832	Telephone No. 1-877-873-7467	Fax No.
E-mail bmontone@city.windsor.on.ca		E-mail	
Role and responsibilities in emergency Coordinate/advise on Fire Service response. Liaise with police.		Role and responsibilities in emergency Identify and dispatch Superior Propane and or LPERGC emergency response personnel as required.	
<b>4. Local Fire Services - Alternate Contact</b>		<b>8. Municipal Contact</b>	
Name Brian McLaughlin	For Office Use - Party No.	Name Steve Vlachodimos	For Office Use - Party No.
Official Title Deputy Chief of Support Services		Official Title Deputy City Clerk	
Telephone No. (519) 253-3016 ext. 272	Fax No. (519) 255-6832	Telephone No. (519) 255-6211	Fax No. (519) 255-6868
E-mail bmclaughlin@city.windsor.on.ca		E-mail clerks@city.windsor.on.ca	
Role and responsibilities in emergency Alternate - Coordinate/advise on Fire Service Response. Liaise with police.		Municipality City of Windsor, 350 City Hall Square West Windsor, Ontario N9A 6S1	

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	Date (dd-mm-yyyy) 16/02/12





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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 Shut Off push button to shut down pump and close solenoid valve upstream of dispensing hoses.

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Signature 	Telephone No. 905-484-1278	



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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) 2010	Print Name of Training Provider: Costco - Standard Costco Safety Training
	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) 2010	Print Name of Training Provider: Costco - Standard Costco Safety Training
	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) to be arranged as required	Print Name of Training Provider: FSN Training or Other	Please note - ROT Training and certification is valid for 3 yrs
	Print Name of Instructor: to be arranged as required	
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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**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) 2011	Print Name of Training Provider: Costco - Standard Costco Safety Training	
	Print Name of Instructor:	
Target Date (dd-mm-yyyy) 1Q 2012	Print Name of Training Provider: Superior Propane or Other	Please Note: the course content is currently
	Print Name of Instructor: to be arranged	being developed by the industry and should be
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	available for teaching in the fourth quarter of
	Print Name of Instructor:	this year

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

Target Date (dd-mm-yyyy) 1Q 2012	Print Name of Training Provider: Key site contact to train staff
	Print Name of Instructor:
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) 30-05-2011	Print Name of Training Provider: Propane Training Institute	
	Print Name of Instructor: Renee Ladotte	
Target Date (dd-mm-yyyy) TBA	Print Name of Training Provider: FSN Training or Other	Please note - ROT Training and certification is valid for 3 yrs
	Print Name of Instructor: to be arranged as required	
Target Date (dd-mm-yyyy)	Print Name of Training Provider:	
	Print Name of Instructor:	

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Signature 	Telephone No. 905-484-1278
	Date (dd-mm-yyyy) 16/02/12





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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).  
The operator or alternate will contact emergency services by calling 911 and will provide warnings outlined in the attached "Propane Emergency Response Procedures" card (to be posted on site and part of the employee training). If it is safe to do so this could involve verbally advising neighbors to evacuate.  
The owner/operator may also contact Superior Propane via the emergency number identified in the ERP.

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 owner/operator or alternate should first follow the actions in the ERP provided herein. Staged evacuation, if the release of propane cannot be stopped by cutting electrical power may be required. The initial muster location will be on the sidewalk, at the entrance to the facility, off of Walker Road and near the street lights and McDonald's restaurant. Subsequent evacuation instructions potentially up to the Hazard Distance to be provided by municipal emergency responders. Residences and businesses beyond the site boundary to be notified by municipal emergency responders.

**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).  
When the system is operational, a ROT person will be on duty and be in the propane tank area. They key contact or alternate will be implementing ER actions including notifying emergency responders. Calling 911 will occur immediately after any attempts to shut down the system.  
When the system is not in operation, the ISC valve (main isolation valve) is closed and the propane system is unattended but shutdown. Any incidents involving the propane tank during such times will require the intervention of random, nearby individuals or store staff.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.  
The propane tank system is located in an open area that is easily accessible from Walker Road.

Describe how the licence holder will ensure continual flow of updated information to authorities.  
The critical information required from the license holder is information on how to shut down the system and the fill level in the tank (if known).  
Fill level is relevant from a time to BLEVE perspective (a nearby empty tank will BLEVE sooner than a full tank if there is fire impingement on the tank).  
This information will be provided to the authorities by any of the key contacts, as listed on page 5, either verbally if on site or by phone if after hours.

How long will it take the facility liaison person to respond to the site.  
It would take the 24-hour contact, Lee Baker, approximately 1/2 hour to arrive on site after receiving the emergency call.

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Signature 	Telephone No. 905-484-1278	Date (dd-mmm-yyyy) 16/02/12



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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 checked="" type="checkbox"/>	<input 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>170 metres</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) Lee Baker	Official Title Warehouse Manager	
Signature 	Telephone No. 905-484-1278	Date (dd-mm-yyyy) 16/02/12



January 9, 2012

Chief Steve Kraft  
Fire Chief  
Windsor Fire and Rescue Service  
815 Goyeau Street  
Windsor, ON Canada  
N9A 1H7

Dear Chief Kraft;

As you are aware, the new Ontario Regulation 211X01 requires all propane handlers in Ontario to complete a Risk and Safety Management Plan (RSMP).

This RSMP is required by the Technical Standards and Safety Authority (TSSA) in order to renew a propane license.

Part of the process includes that the local Fire Department review the RSMP.

Therefore, we kindly ask you to review this RSMP for Costco Wholesale Ltd., located at 4411 Walker Road in Windsor.

Please complete page 11, with your comments and recommendations, sign, and return to:

Jason W. Smith, CFEI  
*Fuel Regulatory & Technical Consultant*  
2377 Hwy. #2, Unit 120, Suite 456  
Bowmanville, ON L1C 5E2

Phone: (705) 761-9306  
Email: [j\\_w\\_smith20@hotmail.com](mailto:j_w_smith20@hotmail.com)

Thank you in advance for your attention to this matter.

Sincerely,

Kelly Almey  
Process Safety Coordinator, Superior Propane  
Telephone: (905) 285-2480 x5549

Enclosure: 1



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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.

**8. Licence holder and local Fire Services Review**

<b>To be completed by the Local Fire Services</b>	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).		
_____		
_____		
Fire services comments, if any:		
_____		
_____		
<b>To be completed by the Licence Holder</b>		
In response to the above comments, the following action(s) is required:		
_____		
_____		
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		

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Signature 	Telephone No. 905-484-1278	Date (dd-mm-yyyy) 16/02/12





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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) 04-01-2012	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 61 m	Right side property line: 61 m
Rear: 187 m	Left side property line: 145 m
GPS coordinates of single largest vessel:	Lat: 42.2555 Long: -82.9653

**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) Lee Baker	Official Title Warehouse Manager
Signature 	Telephone No. 905-484-1278
	Date (dd-mm-yyyy) 16/02/12



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 C: SUBMISSIONS (cont'd)**

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

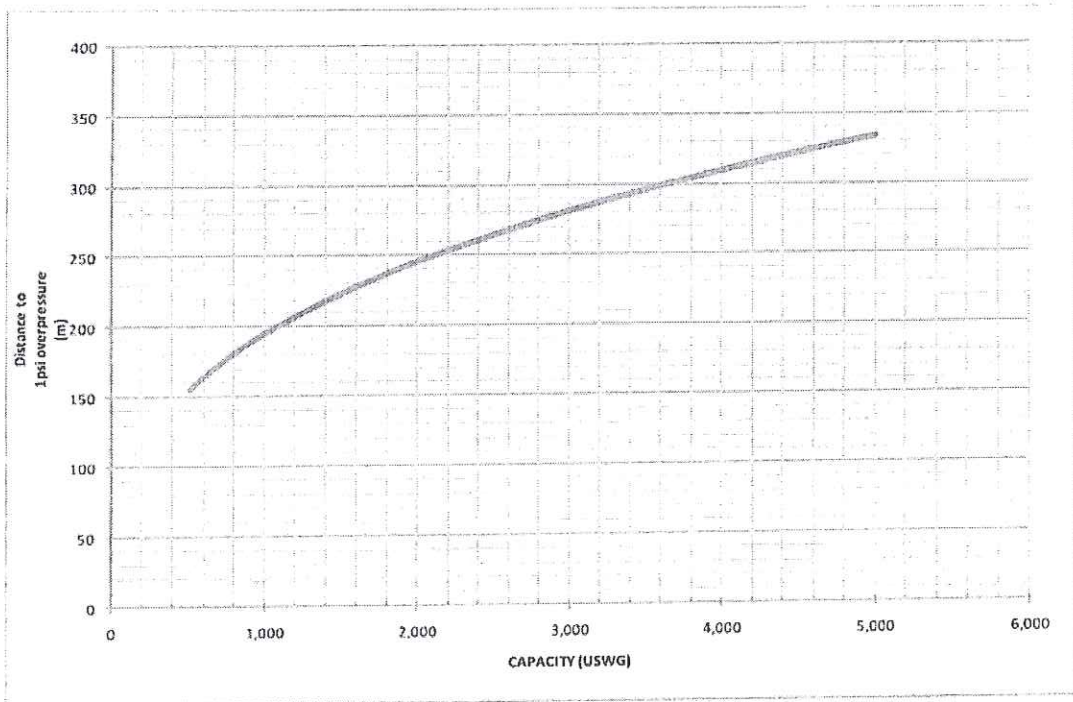
Table 1: Distance Table

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)



**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) Nothing completed on this page.	Official Title	
Signature <i>[Handwritten Signature]</i>	Telephone No.	Date (dd-mm-yyyy) 16/02/12





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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>None in Hazard Distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: <u>None in Hazard Distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Various retail and restaurants (RioCan Walker Towne Centre off Walkers Road as well as</u> Address: <u>Walkers Rd &amp; Legacy Park Dr. the RioCan Shopping Centre at Legacy Park &amp; Walkers Rd)</u> City: <u>Windsor</u> Province <u>ON</u> Postal Code _____				X	<u>50-250</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: <u>None in Hazard Distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: <u>None in Hazard Distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: <u>None in Hazard Distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m

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

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Name of person completing this form (please print) <u>Lee Baker</u>	Official Title <u>Warehouse Manager</u>
Signature 	Telephone No. <u>905-484-1278</u>
	Date (dd-mm-yyyy) <u>16/02/12</u>



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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

**Portable Storage Additional Information Sheet**

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	120	696 USWG
# 10	2.9		
# 5	1.5		
<b>Total Cylinder Capacity</b> 696 USWG			

**Tanks Stored On-site Not Connected for Use**

Tank Size In USWG	Quantity	Total Volume in USWG
1885 USWG	1	1885 USWG
<b>Total Tank Capacity</b> 1885 USWG		

<b>Total Cylinder Capacity</b>	696 USWG
<b>Total Tank Capacity</b>	1885 USWG
<b>Total Portable Capacity</b>	0

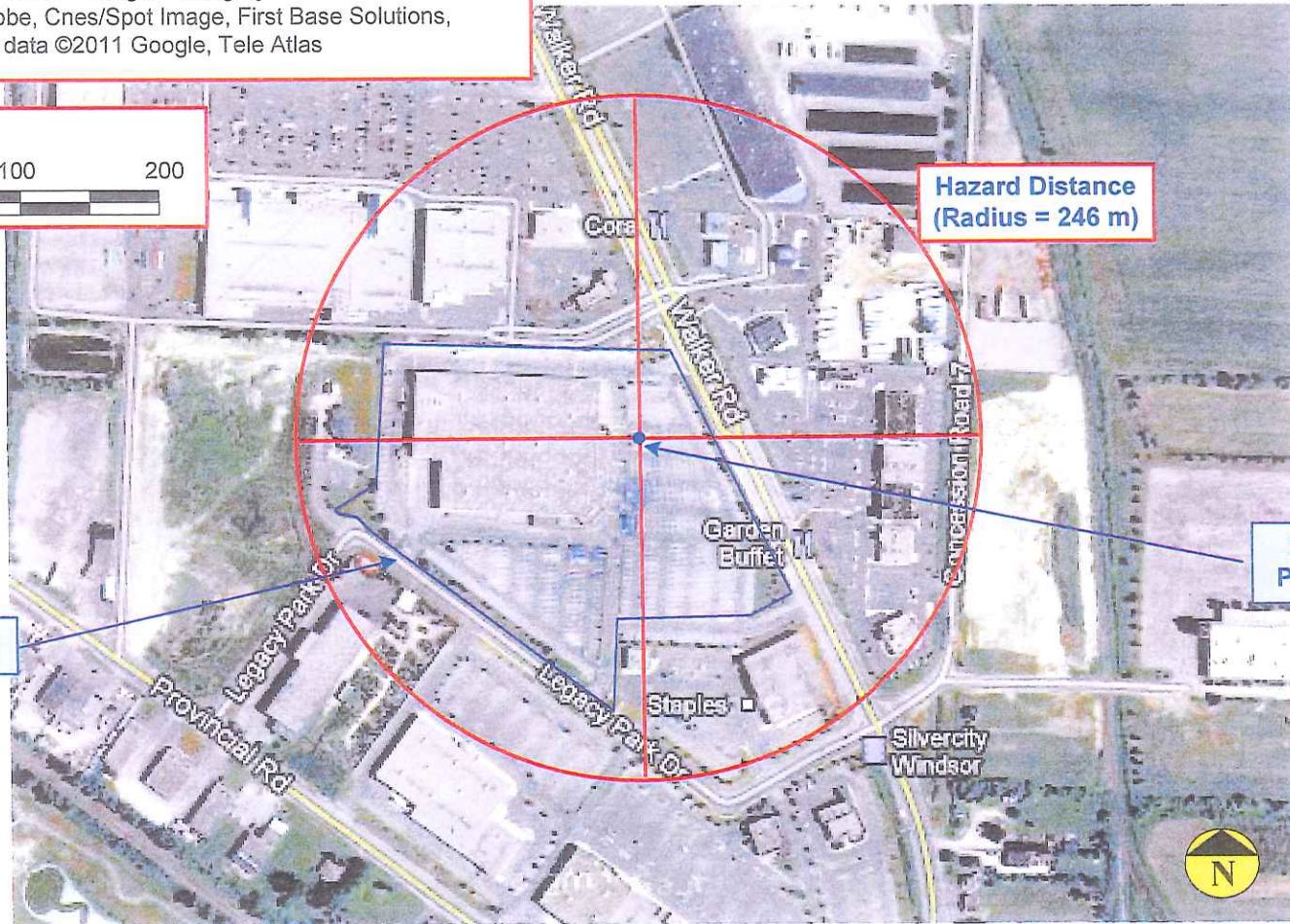
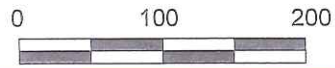
**Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.**

Name of person completing this form (please print) Lee Baker	Official Title Warehouse Manager
Signature 	Telephone No. 905-484-1278
	Date (dd-mm-yyyy) 16/02/12



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 Map data ©2011 Google, Tele Atlas

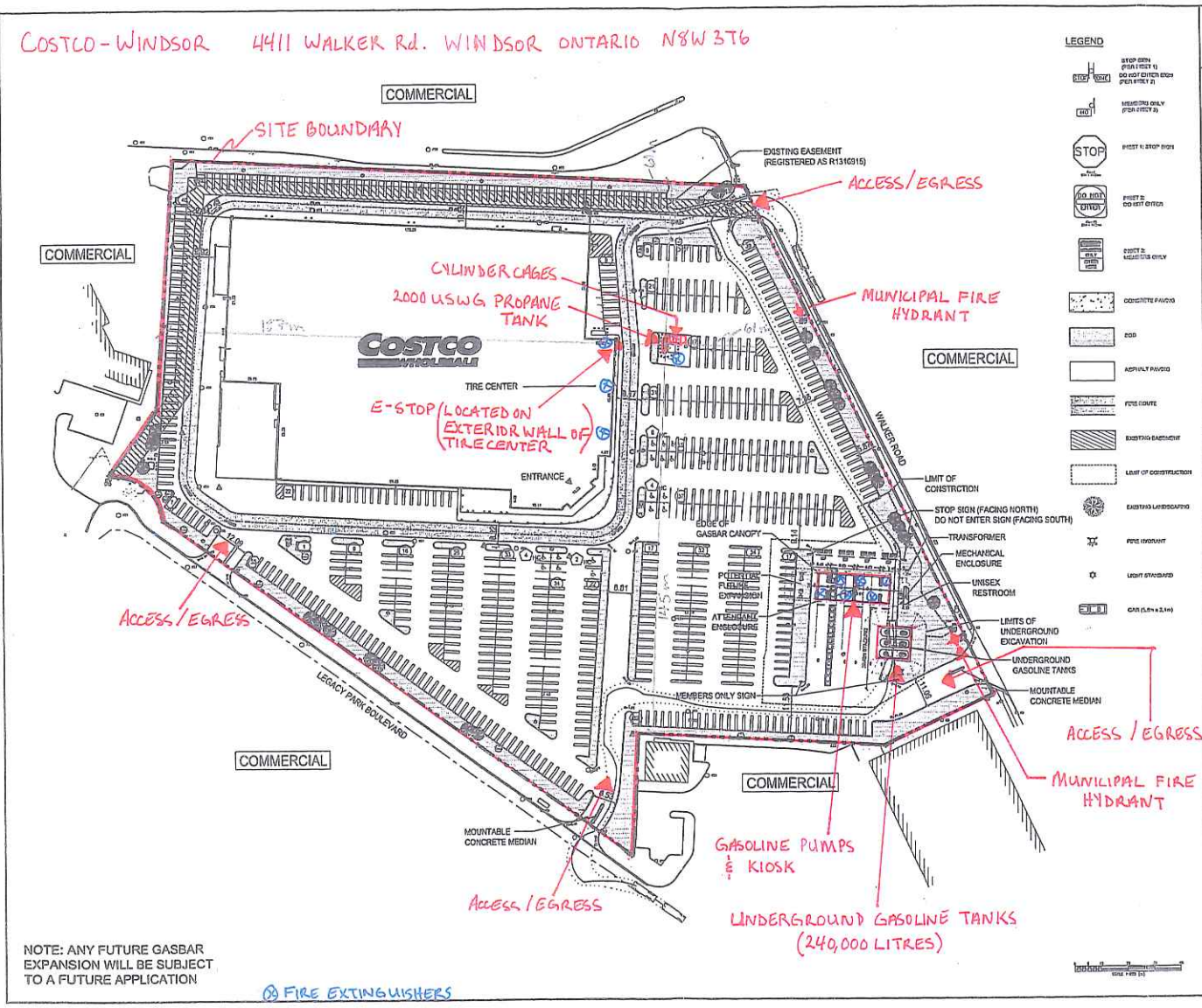
Scale (m):



<p><b>Setback Distances to Site Boundary</b></p> <p>North : 61 m      West: 187 m          South: 145 m    East: 61 m</p>	<p><b>Municipality (ies) within the 1 psi overpressure circle:</b></p> <p>City of Windsor</p>	<p><b>Map of Surrounding Area</b></p> <p><b>Costco – Windsor</b>          4411 Walker Road, Windsor, ON, N8W 3T6          CON 6 PT LOT 14 RP 12R13987 PARTS 2 TO 4</p>
<p><b>Capacity of Propane Storage Tank:</b></p> <p>Capacity of Propane Storage Tank = 2000 USWG</p>	<p><b>Municipal Contact:</b></p> <p>Steve Vlachodimos          Deputy City Clerk          City of Windsor          350 City Hall Square West          Windsor, Ontario, N9A 6S1</p>	
<p><b>GPS Co-ordinates of Propane Storage Tank:</b></p> <p>GPS Co-ordinates = 42.25539, -82.96536</p>	<p>T: 519.255.6211          F: 519.255.6868          E: clerks@city.windsor.on.ca</p>	
<p><b>Circular Distance to 1 psi overpressure:</b></p> <p>Denoted by circle centred on tank; radial distance = 246 m</p>	<p>Drawn by: L. Oliverio      Date: January 4, 2011</p>	



COSTCO-WINDSOR 4411 WALKER RD. WINDSOR ONTARIO N8W 3T6



NOTE: ANY FUTURE GASBAR EXPANSION WILL BE SUBJECT TO A FUTURE APPLICATION

Ⓢ FIRE EXTINGUISHERS

- LEGEND**
- STOP SIGN (FOR FUTURE) DO NOT ENTER SIGN (FOR FUTURE)
  - MEMBERS ONLY (FOR FUTURE)
  - FIRST & STOP SIGN
  - FIRST & DO NOT ENTER
  - FIRST & MEMBERS ONLY
  - CONCRETE PAVEMENT
  - ASPHALT PAVEMENT
  - GRAVEL PAVEMENT
  - EXISTING EASEMENT
  - LIMIT OF CONSTRUCTION
  - EXISTING LANDSCAPING
  - FIRE HYDRANT
  - LIGHT SYMBOL
  - GAR (6.0m x 2.1m)

**Costco Wholesale**  
WINDSOR, ONTARIO  
NEW GASBAR

**COSTCO WHOLESALE CORPORATION**  
699 LAKE DRIVE  
ESTABRAM, ONT. R6B2P7  
T: 416.313.1400  
Costco.com



**PROJECT DATA**

PROJECT ADDRESS: 4411 WALKER ROAD  
WINDSOR, ONTARIO  
COSTCO SITE AREA: 62,025.1m<sup>2</sup> (0.276457' (13,220.00))  
ZONING: CDA (COMMERCIAL DISTRICT)  
JURISDICTION: CITY OF WINDSOR  
BOUNDARY INFORMATION: THIS DRAWING IS BASED ON A SURVEY FROM METROCAL, C. SMITH, ARCHITECT, DATED FEBRUARY 16, 2009

EXISTING BUILDING DATA	AREA
BUILDING AREA (EXCLUDES VESTIBULE AREA)	12,051.0m <sup>2</sup> (12,051.0)
VESTIBULE	491.0m <sup>2</sup> (491.0)
TOTAL BUILDING AREA FLOOR AREA	12,542.0m <sup>2</sup> (12,542.0)

PROPOSED BUILDING DATA	AREA
BUILDING AREA (EXCLUDES VESTIBULE AREA)	12,051.0m <sup>2</sup> (12,051.0)
VESTIBULE	491.0m <sup>2</sup> (491.0)
TOTAL BUILDING AREA FLOOR AREA	12,542.0m <sup>2</sup> (12,542.0)

EXISTING SITE DATA	AREA
LOT COVERAGE	33.0% (18,876.0m <sup>2</sup> )
LANDSCAPED OPEN SPACE	12.2% (6,372.4m <sup>2</sup> )
PAVED PARKING AREA	62.8% (33,231.7m <sup>2</sup> )

PROPOSED SITE DATA	AREA
LOT COVERAGE	33.0% (18,876.0m <sup>2</sup> )
LANDSCAPED OPEN SPACE	12.2% (6,372.4m <sup>2</sup> )
PAVED PARKING AREA	62.8% (33,231.7m <sup>2</sup> )

PROPOSED PARKING DATA	PARKING SPACES
TOTAL PARKING REQUIRED	623
PROPOSED NUMBER OF PARKING SPACES PROVIDED (6.0m WIDE)	430
PROPOSED NUMBER OF ACCESSIBLE SPACES PROVIDED (3.0m WIDE)	251
PROPOSED NUMBER OF ACCESSIBLE SPACES PROVIDED	13
TOTAL COSTCO PARKING SPACES PROVIDED	145
NO. OF SPACES PROVIDED FOR 10% MIN. OF COSTCO BUILDING AREA	6.24

**CONTEXT LAYOUT PLAN**

**GENERAL**

**MMM GROUP**  
100 Commerce Valley Drive W  
Thornhill, ON L3T 0A1  
Tel: 905.652.1100  
Fax: 905.652.7278  
www.mmm.ca

DESIGNED: JPA  
DRAWN: C.M.  
CHECKED: DB

SCALE: 1 : 500  
DATE: JUNE 26, 2009

PROJECT NUMBER: 14.06233.001.P01  
SHEET NUMBER: SP-5

DATE: 14.06.2009 11:30 AM  
DRAWN: C.M.  
CHECKED: DB  
DESIGNED: JPA  
PROJECT NUMBER: 14.06233.001.P01  
SHEET NUMBER: SP-5