



Technical Standards and Safety Authority
 www.tssa.org
 14th Floor - Centre Tower
 3300 Bloor Street West
 Toronto Ontario M8X2X4
 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.

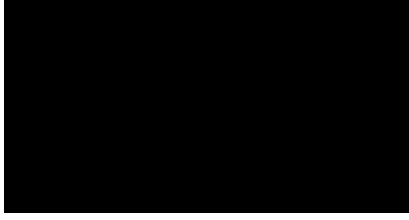
Failure to fully complete this form may result in rejection.
 Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*

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.



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 Operator Name (if different from above)

Telephone No. Fax No. E-mail

B Street No. Street Name / 911 Number / Address, if applicable

Town / City or Township / County Province Postal Code

C Mailing address if different from above.

Street No. 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. Street Name / 911 Number / Address, if applicable Nearest Major Intersection

Town / City or Township / County Province Postal Code

Name of Licence Holder

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

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

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

Printname	Signature	Date (dd-mm-yyyy)
Name of Licence Holder <input type="text" value="John Lastoria"/>		<input type="text" value="19-04-2011"/>
Name of Senior Management person as defined in the Regulation holding the Record of Training <input type="text" value="Glenn Butt"/>		



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SECTION A: GENERAL INFORMATION (cont'd)

Indicate the year the facility was established. Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
2007 None

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

	PSIG	Serial Number
Tank 1:	250 PSIG	SER20J81-84
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 USWG Portable: 279 USWG Mobile: 0



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Name of person completing this form (please print)		Official Title
John Lastoria		EH&S Specialist
Signature	Telephone No.	Date (dd-mm-yyyy)
	(416) 544-7608	19-04-2011



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

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

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>			[Redacted]		
Superior Propane - Walkerton					
Street No.	Street Name / 911 Number / Address, if applicable				
196	Geeson Road				
Town / City or Township / Country				Province	Postal Code
Walkerton				ON	N0G 2V0
Telephone No.	Fax No.	Contact Name			
(519) 401-1095	N/A	Mike Mullins			
E-mail					
mullinsm@superiorpropane.com					

Off-site Cylinder and/or Mobile Storage	Capacity stored off-site, in USWG	For Office Use - Party No.
None		
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)	Official Title	
Marcello Oliverio	Chief Engineer, Superior Propane	
Signature	Telephone No.	Date (dd-mm-yyyy)
	905-285-2480 ext. 5327	19-04-2011



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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 - 150,000 litres

Located at south side of convenience store towards Huron Road.

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

Fire Extinguisher Type - 20 lb ABC Dry Chemical

Stored inside the gas bar building, on columns at gasoline dispensers, and at the bulk propane tank filling station.

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.

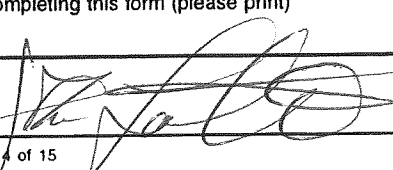
1. Fusible link on ISC valve - isolation valve between the tank and the downstream propane dispensing equipment.
2. Emergency stop push button - mounted on a post near the propane tank. This shuts down the pump and closes a solenoid valve upstream of hoses.
3. Power supply breaker inside the gas bar 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.

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

1. Pumps (Pump 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.

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Name of person completing this form (please print) John Lastoria		Official Title EH&S Specialist
Signature 	Telephone No. (416) 544-7608	Date (dd-mm-yyyy) 19-04-2011



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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 John Haldane	For Office Use - Party No.	Name John Haldane	For Office Use - Party No.
Official Title Agent		Official Title Agent	
Telephone No. (519) 440-0198	Fax No. (519) 440-0198	Cell No. (519) 275-7275	Fax No. (519) 440-0198
E-mail 1636.goderich@ctpagent.ca		E-mail 1636.goderich@ctpagent.ca	
Role and responsibilities in emergency Co-ordinate site response		Role and responsibilities in emergency Co-ordinate site response	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Jackie Lacroix	For Office Use - Party No.	Name John Haldane	For Office Use - Party No.
Official Title Regional Business Manager		Official Title Agent	
Telephone No. (519) 272-3610	Fax No. (519) 272-1893	Telephone No. (519) 440-0198	Fax No. (519) 440-0198
E-mail Jackie.Lacroix@cantire.com		E-mail 1636.goderich@ctpagent.ca	
Role and responsibilities in emergency Co-ordinate site response if agent unavailable.		Role and responsibilities in emergency Co-ordinate site response	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Steve Gardiner	For Office Use - Party No.	Name Superior Propane Hotline	For Office Use - Party No.
Official Title Fire Chief		Official Title	
Telephone No. (519) 525-6028	Fax No. (519) 524-7209	Telephone No. 1-877-873-7467	Fax No.
E-mail N/A		E-mail	
Role and responsibilities in emergency Co-ordinate/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.	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Keith Crittenden	For Office Use - Party No.	Name Jim Spence	
Official Title Deputy Chief		Official Title Chief Building Official for the Town of Goderich	
Telephone No. (519) 441-8280	Fax No. N/A	Telephone No. (519) 524-7308	Fax No. N/A
E-mail N/A		E-mail jspence@huroncounty.ca	
Role and responsibilities in emergency Alternate - Co-ordinate/advise on Fire Service Response. Liaise with police.		Municipality Huron County	

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Name of person completing this form (please print) Marcello Oliverio	Official Title Chief Engineer - Superior Propane
Signature 	Telephone No. 905-285-2480 ext. 5327
	Date (dd-mm-yyyy) 19-04-2011



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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.

[Lined area for additional safety measures]

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John Lastoria	EH&S Specialist	
Signature	Telephone No.	Date (dd-mm-yyyy)
	(416) 544-7608	19-04-2011



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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)	Print Name of Training Provider: None
	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)	Print Name of Training Provider: None
	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)	Print Name of Training Provider: Unknown
16-08-2010	Print Name of Instructor: Mike Martin #142
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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John Lastoria	EH&S Specialist
Signature	Telephone No.
	(416) 544-7608
	Date (dd-mm-yyyy)
	19-04-2011



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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) TBA - Q4 2011	Print Name of Training Provider: Superior Propane or Alternate
	Print Name of Instructor: to be arranged
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:

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

Target Date (dd-mm-yyyy) TBA - Q4 2011	Print Name of Training Provider: Key Contact to train Staff
	Print Name of Instructor: to be arranged
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) As Required	Print Name of Training Provider: Superior Propane/FSN/or Alternate
	Print Name of Instructor: to be arranged
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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Signature 	Telephone No. (416) 544-7608
	Date (dd-mm-yyyy) 19-04-2011



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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 ROT person(s) on duty will contact emergency services by calling 911 and will provide warnings outlined in the attached "Propane Emergency Response Procedures" placard, if it is safe to do so.

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).

Actions and warnings will be taken by on duty ROT person(s) as per attached ERP placard. Only a few gas bar staff will be on duty when operating the propane system. The Muster location will be on Huron Road at least 100 m from the propane tank. Store occupants to remain in the store or evacuate via north side (away from tank). Note that the facility is in a wide open area allowing people to self evacuate.

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. This person will be able to visually ascertain any abnormal/ accident events and implement the appropriate emergency response actions. When the system is not in operation, the ISC valve (main isolation valve) is closed, and the propane system is unattended. Any accidents involving the propane tank during such times will require the intervention of random, nearby individuals or 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 a wide open area that is easily accessible from the highway, that is linked directly by a roadway. These fire access routes are identified in the attached site plan.

Describe how the licence holder will ensure continual flow of updated information to authorities.

The critical information required from the license holder is the fill level in the tank.

Fill level is relevant from a time-to-BLEVE perspective (a near 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 agent - John Haldane, time permitting, and if available.

How long will it take the facility liaison person to respond to the site.

Approximately 5 - 10 minutes, after having received the emergency call.

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Name of person completing this form (please print) John Lastoria		Official Title EH&S Specialist	
Signature 		Telephone No. (416) 544-7608	Date (dd-mm-yyyy) 19-04-2011



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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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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)	30 m	
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)	N/A	

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Signature 	Telephone No. (416) 544-7608	Date (dd-mm-yyyy) 19-04-2011



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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

To be completed by the Local Fire Services

Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?

Yes

No

If not, please explain (e.g., no fire services).

Fire services comments, if any:

Please see following letter

To be completed by the Licence Holder

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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Name of person completing this form (please print)	Official Title	
Signature	Telephone No.	Date (dd-mm-yyyy)



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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) 20-04-2011	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 84 m	Right side property line: 6.6 m
Rear: 186 m	Left side property line: 10 m
GPS coordinates of single largest vessel: Lat. 43.73, Long. -81.6876	

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) Kelly Almey	Official Title Process Safety Coordinator - Superior Propane	
Signature 	Telephone No. 905-285-2480 ext. 5327	Date (dd-mm-yyyy) 19-04-2011



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SECTION C: SUBMISSIONS (cont'd)
Applicant must include a Facility Site Plan and Map of Surrounding Area

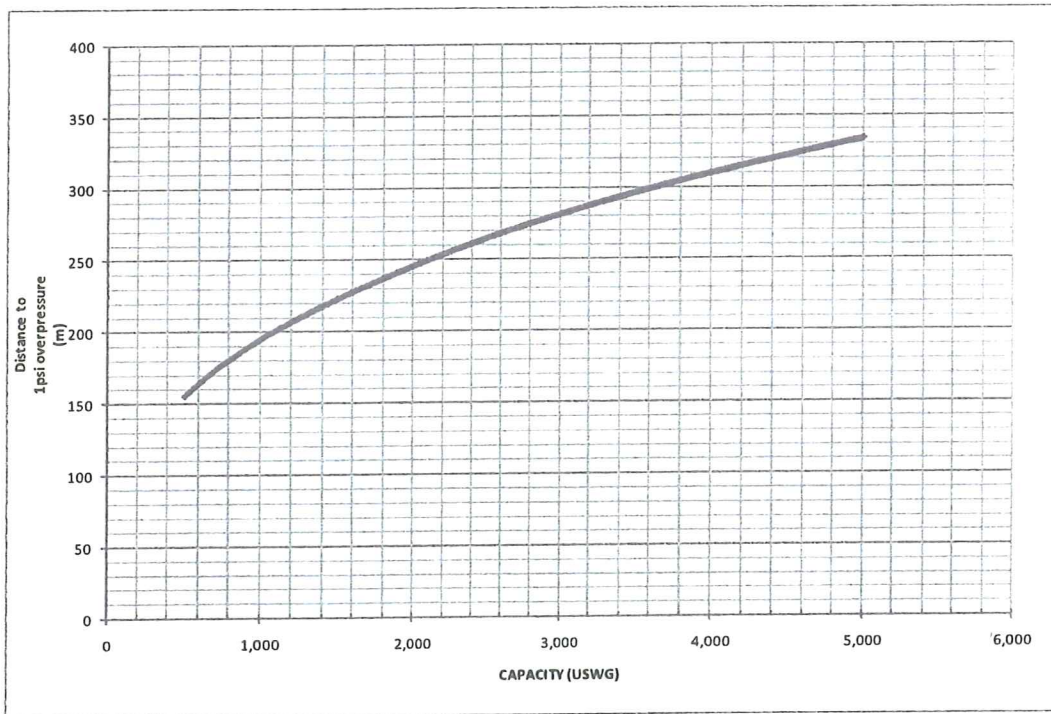
Table 1: Distance Table

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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Name of person completing this form (please print) Nothing completed on this page.	Official Title	
Signature	Telephone No.	Date (dd-mm-yyyy)



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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: various industry Address: _____ City: _____ Province _____ Postal Code _____			X		100 m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: residential Address: _____ City: _____ Province _____ Postal Code _____			X		151 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: restaurants Address: _____ City: _____ Province _____ Postal Code _____			X		40 m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ 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) Kelly Almey	Official Title Process Safety Coordinator
Signature 	Telephone No. 905-285-2480 ext. 5327
	Date (dd-mm-yyyy) 19-04-2011



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario MBX 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

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	48	279 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity 279 USWG			

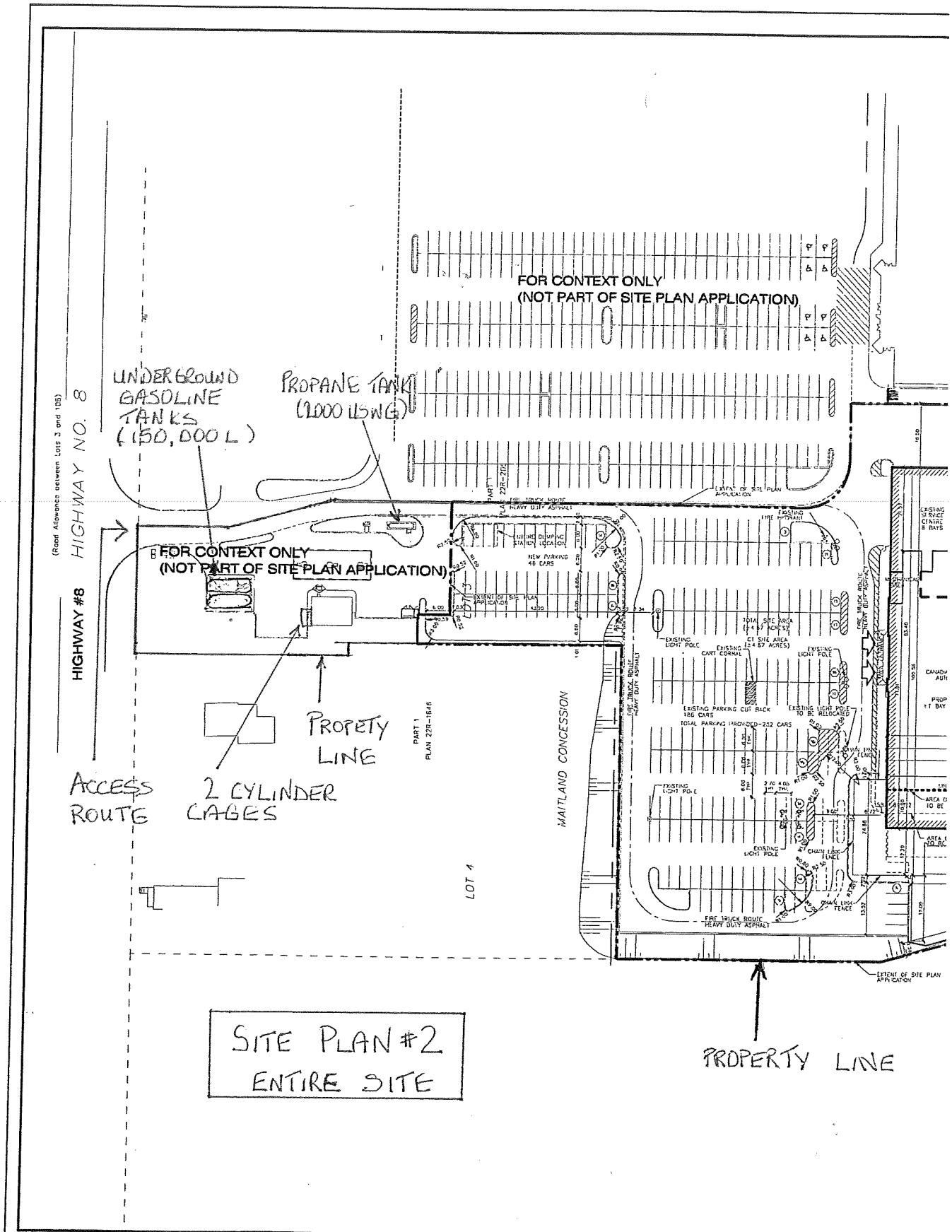
Tanks Stored On-site Not Connected for Use

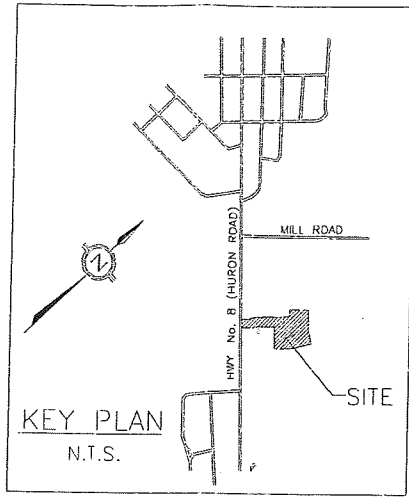
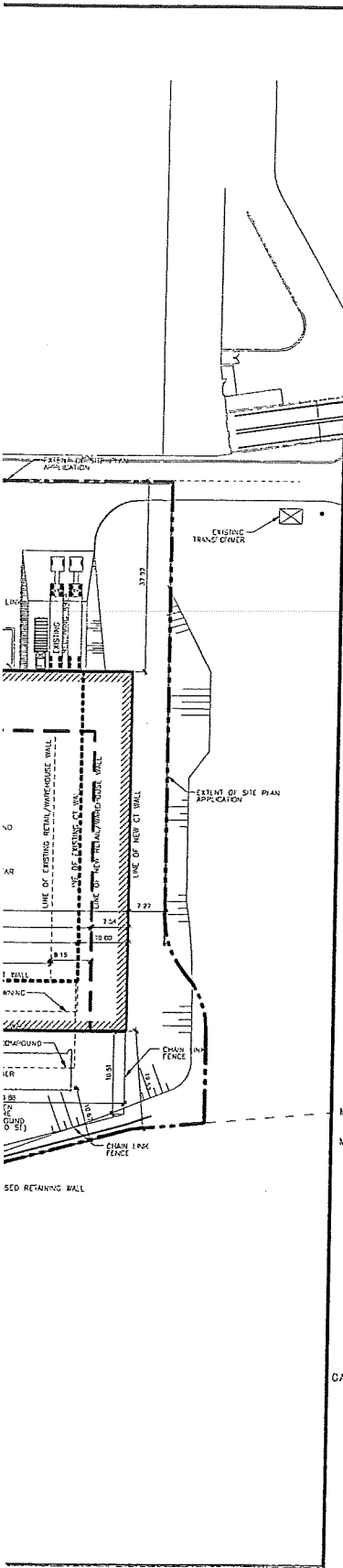
Tank Size In USWG	Quantity	Total Volume in USWG
None		
Total Tank Capacity		

Total Cylinder Capacity	279 USWG
Total Tank Capacity	0
Total Portable Capacity	279 USWG

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) John Lastoria	Official Title EH&S Specialist
Signature 	Telephone No. (416) 544-7608
	Date (dd-mm-yyyy) 19-04-2011





This drawing is an instrument of service, a product of the professional services of Turner Fleischer Architects Inc. The contractor must verify the accuracy of the information and dimensions on this plan and must notify Turner Fleischer Architects Inc. of any errors, omissions or omissions. This drawing is not to be used for any other purpose. The contractor is not responsible for the accuracy of any information shown on this drawing. Refer to the contract documents for more information. Construction shall conform to all applicable codes and requirements of the City of Goderich. The contractor shall be responsible for any and all matters related to the construction of the project. The contractor shall be responsible for any and all matters related to the construction of the project.

CANADIAN TIRE STATISTICS

	EXISTING PROTO 'D'			PROPOSED EXPANSION +1 BAY SIDE +1 BAY REAR		
	IMPERIAL (SF)	METRIC (SM)	RATIO/ No	IMPERIAL (SF)	METRIC (SM)	RATIO/ No
RETAIL - GROUND FLOOR	21,513	1,999		30,895	2,870	
RETAIL TOTAL	21,513	1,999		30,895	2,870	
WAREHOUSE - GROUND FLOOR	7,307	679		10,494	975	
WAREHOUSE - RACKING	4,850	451		9,374	871	
WAREHOUSE - OTHER FLOOR	168	16		168	16	
WAREHOUSE TOTAL	12,325	1,146		20,036	1,862	
SERVICE - GROUND FLOOR	4,772	443		4,772	443	
SERVICE - MEZZANINE	-	-		-	-	
SERVICE TOTAL	4,772	443	8 BAYS	4,772	443	8 BAYS
OFFICE - GROUND FLOOR	-	-		-	-	
OFFICE - MEZZANINE	2,821	262		2,821	262	
OFFICE TOTAL	2,821	262		2,821	262	
MECHANICAL AREA - GROUND FL	277	26		277	26	
MECHANICAL AREA - SECOND FL	140	13		140	13	
MECHANICAL TOTAL	417	13		417	13	
GROUND FLOOR COVERAGE	33,869	3,147		46,438	4,314	
BUILDING STRUCTURE (NIC WAREHOUSE RACKING)	36,998	3,437		49,567	4,605	
GARDEN CENTRE AWNING	2,855	265		-	-	
GARDEN CENTRE - COMPOUND	8,449	785		14,790	1,374	
GARDEN CENTRE - FROST SHADER	-	-		2,592	241	
GARDEN TOTAL	8,449	785		14,790	1,374	
GROSS FLOOR AREA (BUILDING STRUCTURE TOTAL)	36,998	3,437		49,567	4,605	
CT SITE AREA	±4.72 ACRES	±1.91 HA		±4.67 ACRES	±1.89 HA	
TOTAL SITE AREA	±4.72 ACRES	±1.91 HA		±4.67 ACRES	±1.89 HA	
TOTAL PARKING PROVIDED	204 CARS			232 CARS		

DATE	REV	DESCRIPTION
21. 17 07	1	ISSUED DRAWING SET
APR 20 07	2	ISSUED TO LATEST GAS BAR LAYOUT
MAR 29 07	3	ISSUED TO LATEST GAS BAR LAYOUT
FEB 08 06	3	UPDATED STORE AND STAIRS
FEB 08 06	3	UPDATED GAS BAR
OCT 04 05	1	ISSUED FOR PRELIMINARY REVIEW

REVISION RECORD
TURNER FLEISCHER ARCHITECTS INC.
 67 Lesmill Road
 Toronto, Ontario M3B 2Z1
 Tel: 416-425-2222
 Fax: 416-425-6717



TURNER FLEISCHER ARCHITECTS INC. (TFAI)

GODERICH REAL ESTATE LIMITED

151-155 LESMILL ROAD
 GODERICH, ONTARIO N7A 4K1
 TEL: 416-425-2222
 FAX: 416-425-6717

HIGHWAY NO #8

GODERICH ONTARIO

SITE PLAN 151-155 A1-G

HIGHWAY #8 (HURON ROAD)

KINC

DEED LINE
TRANSFERRED TO THE MUNICIPALITY OF
CENTRAL HURON BY DEPOSITED
PLAN NO. 1884

EXISTING
ENTRANCE
(1322)

N46°59'00"W (REFERENCE BEARING)

PART 3 PLAN 22R-4164

N46°59'00"W

(1322)

23.16

N42°55'46"E

23.160

21.01

20.66

39.49

58.22

58.22

32.660

58.22

58.22

58.22

58.22

58.22

58.22

58.22

58.22

58.22

58.22

58.22

58.22

PART 2
PLAN 22R-4164

DEED LIMIT

N42°59'00"E

55.820

55.82

55.82

55.82

55.82

55.82

55.82

55.82

55.82

55.82

SITE PLAN #1
GAS BAR

FIRE HYDRANT

~~UNDERGROUND
GASOLINE TANKS
(150,000 LITRES)~~

STOP

PLN. 41449-0098

PROPOSED
3 ISLAND
GAS BAR

156.3 m²
1682.4 ft²

PROPOSED
C-STORE
BUILDING

79.51 m²
854.88 ft²

N47°01'00"W

3.250

3.250

3.250

3.250

3.250

3.250

3.250

3.250

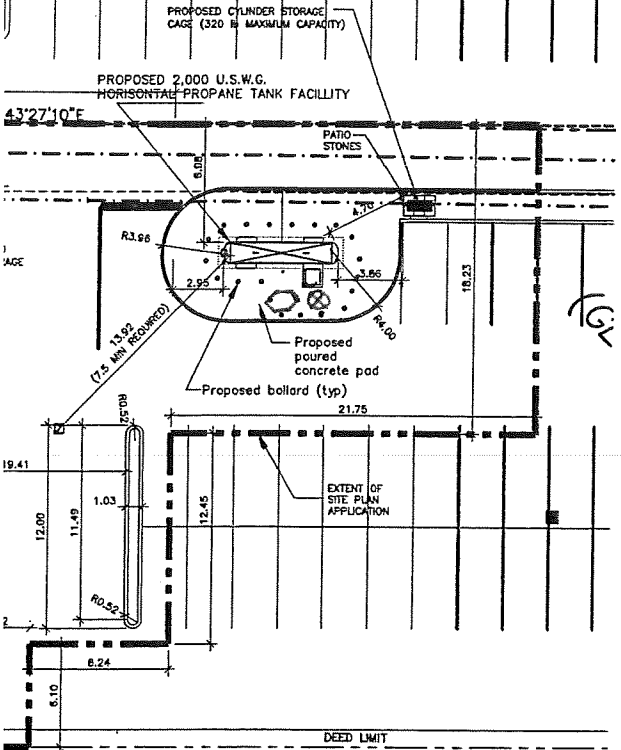
3.250

3.250

LIMIT BETWEEN LOT 3 & LOT 4

PART 3 PLAN
PLAN 41449-

CONTEXT ONLY
 PART OF
 PLAN APPLICATION)



GENERAL NOTES:

1. ALL ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
2. ALL DIMENSIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS AND DESIGN ELEVATIONS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. EVERYTHING SHOWN TO BE CONSIDERED NEW UNLESS OTHERWISE NOTED.
5. THIS DRAWING TO BE USED IN CONJUNCTION WITH STANDARD DRAWINGS & WITH CANADIAN TIRE SPECIFICATIONS.
6. ALL WORK TO BE DONE AS PER STD. SPECIFICATIONS & IN ACCORDANCE WITH LOCAL & PROVINCIAL REGULATIONS.
7. ALL WORK RELATED TO PROPOSED GAS BAR SITE TO BE DONE BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
8. ALL UNDERGROUND SERVICE MATERIALS AND INSTALLATIONS TO BE IN ACCORDANCE WITH THE MUNICIPAL STANDARDS AND SPECIFICATIONS.
9. FIRE ROUTE WILL BE DESIGNATED AS PER MUNICIPAL BY-LAW.
10. ALL CONSTRUCTION SIGNING MUST CONFORM TO THE M.T.O. MANUAL OF "UNIFORM TRAFFIC CONTROL DEVICES".
11. ALL PAVEMENT DIMENSIONS TO BE MEASURED TO FACE OF CURB.
12. THE FIRE DEPARTMENT ACCESS ROUTE SHALL BE DESIGNED TO SUPPORT A LOAD OF NOT LESS THAN 11,363 KG PER AXLE AND HAVE A CHANGE IN GRADIENT OF NOT MORE THAN 1 IN 12.5 OVER A MINIMUM DISTANCE OF 15 m.
13. BUILDING CODE CLASSIFICATION: GROUP E+F2

NOTES:

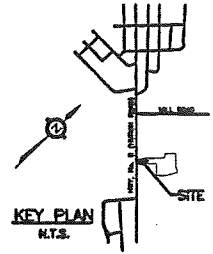
1. STREET APPURTENANCES & UNDERGROUND SERVICES ACTUAL LOCATION TO BE VERIFIED IN FIELD.
2. INFORMATION FOR THIS DRAWING TAKEN FROM DRAWING A-1 E GAS DATED MARCH 2007 FROM TURNER FLEISCHER ARCHITECTS INC.
3. GENERAL CONTRACTOR TO ENGAGE A HYDRO LOCATE COMPANY TO CONFIRM THE LOCATION OF HIGH VOLTAGE CABLES, PRIOR TO START OF CONSTRUCTION.

DISTANCES TO SITE BOUNDARY:
 NORTH: 6.6 m (SIDE) EAST: (REAR) 186 m
 SOUTH: 10 m (SIDE) WEST: (FRONT) 84 m

LEGEND

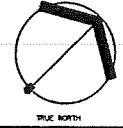
- | | | |
|-----------------------------|------------|-----------------------------------|
| ○ C.O. CLEAN OUT | — SAN — | EX. SANITARY SERVICE |
| ⊙ V&B VALVE & BOX | — SAN — | NEW SANITARY SERVICE |
| ⊙ V&C VALVE & CHAMBER | — ST — | EX. STORM SERVICE |
| ⊙ FH. HYDRAHT | — ST — | NEW STORM SERVICE |
| ■ STANDARD IRON BAR | — G — | EX. GAS SERVICE |
| ○ EX. STORM M.H. | — W — | NEW GAS SERVICE |
| ○ NEW STORM M.H. | — W — | EX. WATER SERVICE |
| ⊙ EX. SANITARY M.H. | — UB — | NEW WATER SERVICE |
| ⊙ NEW SANITARY M.H. | — UB — | EX. BELL SERVICE |
| ⊙ EX. CATCH BASIN M.H. | — OH — | NEW BELL SERVICE |
| ⊙ EX. CATCH BASIN | — OH — | EX. UNDERGROUND HYDRO SERVICE |
| ⊙ NEW CATCH BASIN | — OH — | EX. OVERHEAD HYDRO SERVICE |
| ⊙ NEW DOUBLE C.B. | • 222.05 | EX. ELEVATION |
| ⊙ NEW CATCH BASIN M.H. | • (221.05) | ELEVATION (PROPOSED) |
| ○ DOWNSPOUT | • (221.16) | EX. ELEVATION TO REMAIN |
| □ FLOODPOLE | — | NEW CONC. CURB |
| ← OVERLAND MAJOR FLOW ROUTE | — | EXISTING CONC. CURB TO REMAIN |
| | — | EXISTING CONC. CURB TO BE REMOVED |
| | — | 2.0% SLOPE OF ASPHALT |

⊙ FIRE EXTINGUISHER
 ○ E-STOP

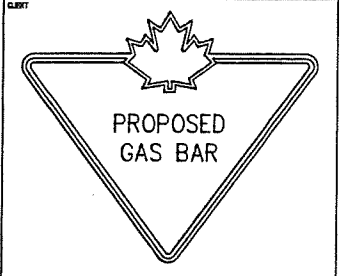


B	DISTANCE FROM PROPERTY LINE TO E-STORE REMOVED/ ALL BUILDINGS SHOWN TO BE EX.	APR. 27 2007	S.K.
A	ISSUED FOR INFORMATION	APR. 11 2007	S.K.
No	DESCRIPTION	DATE	BY

REVISIONS



Trow Associates Inc.
 1595 Clark Boulevard
 Brampton, Ontario L6T 4V1
 TEL: (905) 793-9500 FAX: (905) 793-0841



CANADIAN TIRE PETROLEUM
 17th FLOOR, 2160 YONGE STREET, TORONTO ONTARIO, M4E 3B9 (416) 462-3000

SITE PLAN

MUNICIPAL ADDRESS
 HURON ROAD (HWY #8)
 GODERICH - ONTARIO

LEGAL DESCRIPTION
 SCALE: 1:200
 DATE: FEBRUARY 2007

DRAWN BY: S.K. FILE: BRIF00281334A-SITE
 GAS BAR No. REC No.

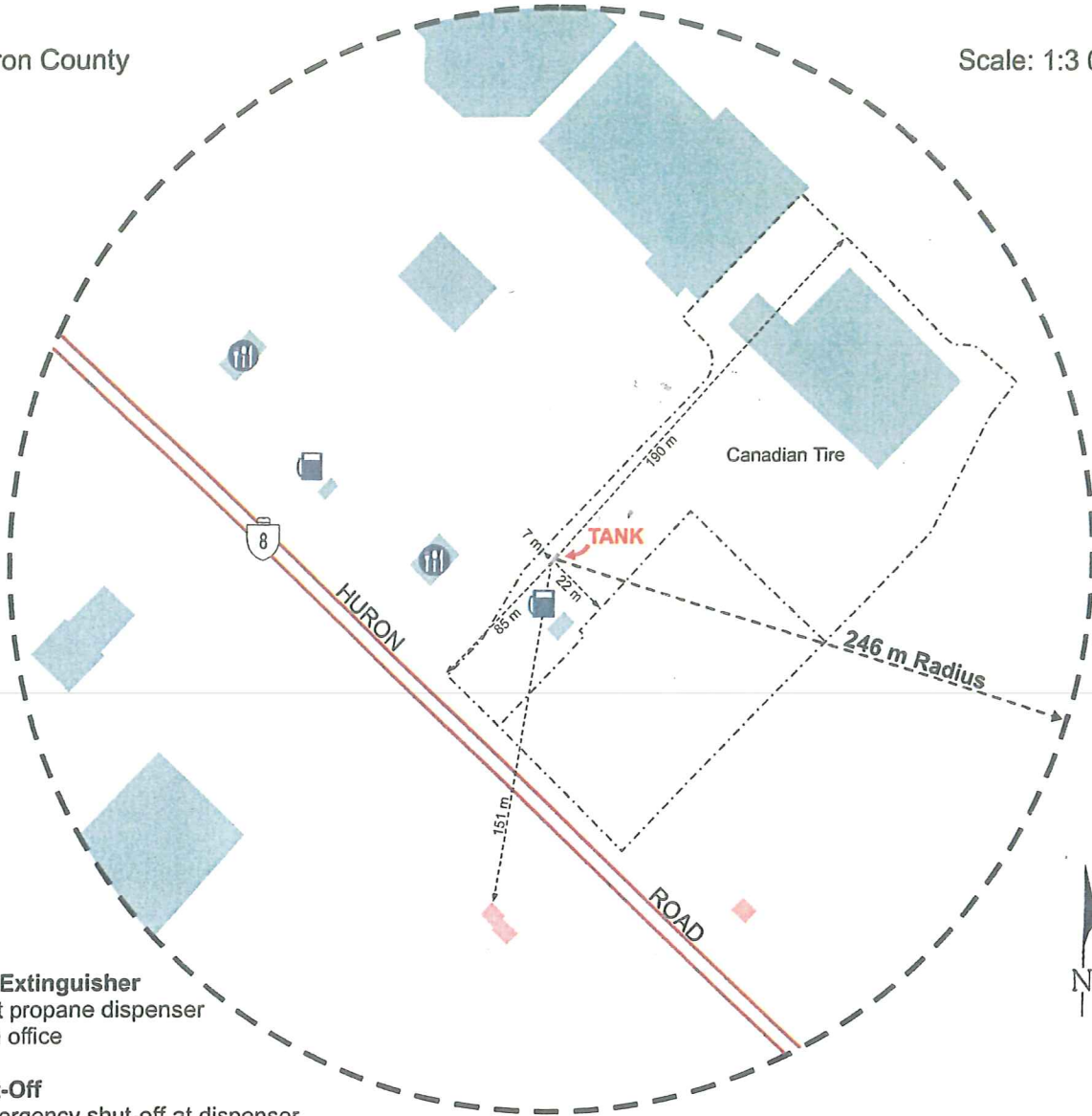
TROW PROJ. #281334A
 SP-1

Contractor must check and verify all dimensions and be responsible for the same, reporting any discrepancies to CANADIAN TIRE PETROLEUM before commencing work.
 PRINTS ARE NOT TO BE SCALED
 All dimensions are in millimetres unless otherwise specified. To convert METRES to FEET divide dimension by 0.3048.

Risk and Safety Management Plan Area Map Showing PUBLIC RECEPTORS WITHIN HAZARD DISTANCE

Huron County

Scale: 1:3 000



- Fire Extinguisher**
- 1 at propane dispenser
 - 1 in office

- Shut-Off**
- Emergency shut-off at dispenser
 - Power shut-off in office

LEGEND	
	Office/Retail/Restaurant
	Residential
	Restaurant
	Gas Station
	Highway
	Road
	Property Boundary

Municipal Contact
 Jim Spence, Chief Building Official
 Telephone: 519-524-7308
 Email: jspence@huroncounty.ca

GPS Coordinates
 43.73 N, -81.6876 W

Nomimal Water Capacity (USWG)	Distance to Endpoint (m)
500	155
1000	195
1,300	213
1,750	235
1,885	241
2,000	246
5,000	333

KennKart Digital Mapping ©2011

Superior Propane Inc. ©2011

Canadian Tire
 35430A Huron Road, Goderich, Ontario, Canada, N7S 3X8
 Pt. Lt. 3 Con., Maitland, Goderich; Pt. Lt. 4 Con. Maitland, Goderich Pt. 2, 22R3927, Municipality of Central Huron