



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

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

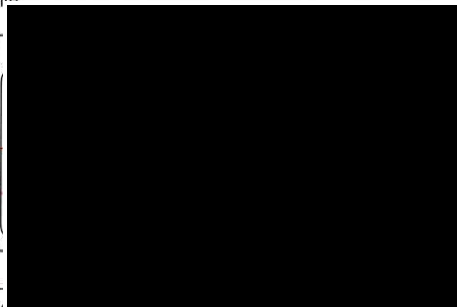
This Level 1 RSMP applies to: . a facility with a total propane storage capacity of 5,000 USWG or less; or
 . a facility with a fixed propane storage capacity of exactly 5,000 USWG and no more than 500 USWG of portable propane storage capacity on site.

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 0051737002-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.



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 SSI TRS GP INC Ontario Corporation No., if applicable 002378118

Operator Name (if different from above) Sherkston Shores

Telephone No. 905-894-0972 Fax No. 905-894-5352 E-mail tbreton@sherkston.com

Street No. 490 Street Name / 911 Number / Address, if applicable Empire Rd

Town / City or Township / County Sherkston Province ON Postal Code L0S 1R0

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.

Street No. 490 Street Name / 911 Number / Address, if applicable Empire Rd Nearest Major Intersection Empire Road and Beach Road

Town / City or Township / County Sherkston Province Ontario Postal Code L0S 1R0

Name of Licence Holder Sherkston Shores (SSI TRS GP INC)

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Tony Breton ROT type 100-08

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

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.

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Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder <u>Tony Breton</u>		<u>03/10/2014</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Tony Breton</u>		



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SECTION A: GENERAL INFORMATION (cont'd)

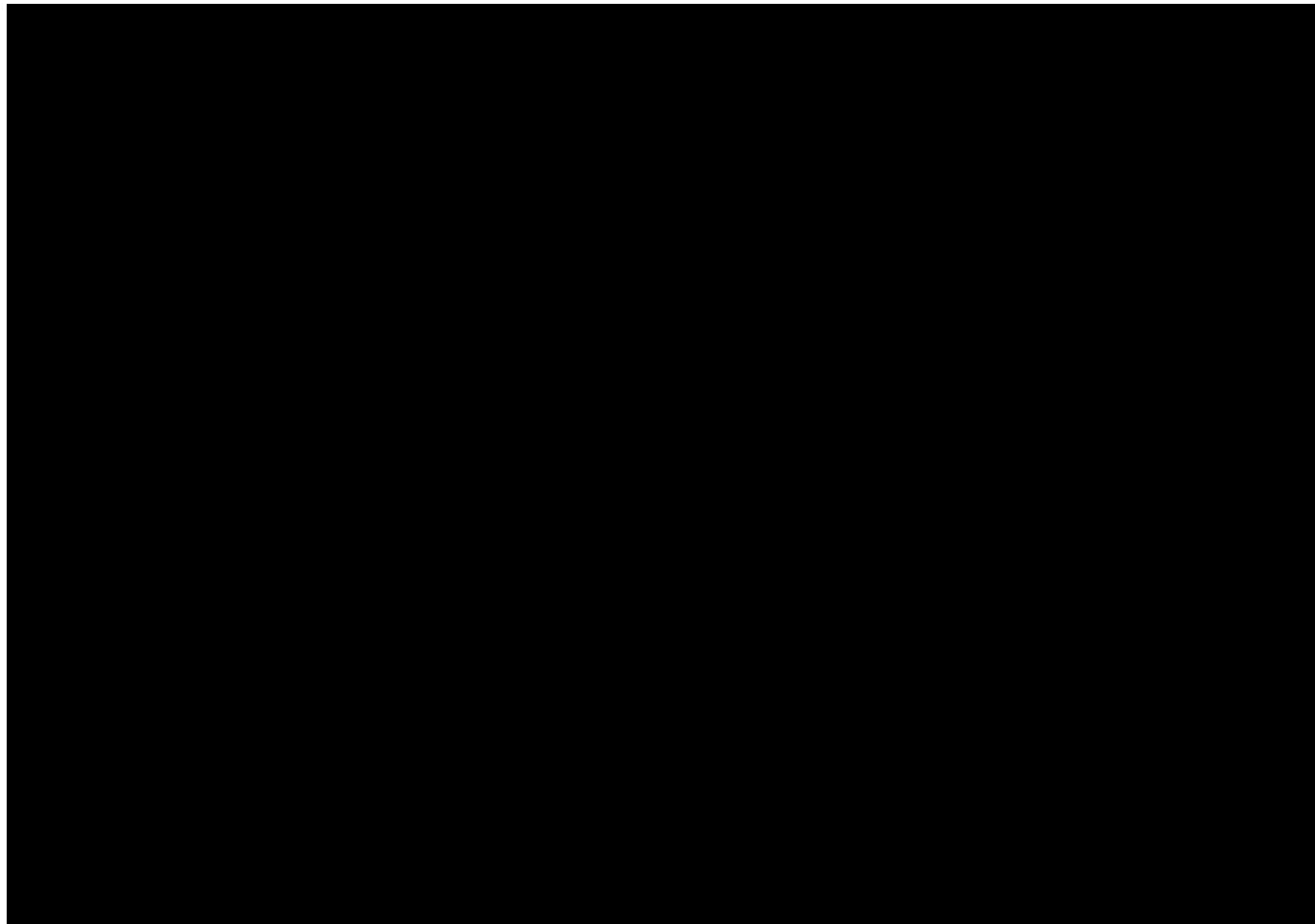
Indicate the year the facility was established. 1992 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. 2005

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

	PSIG	Serial Number
Tank 1:	<u>250 PSIG</u>	<u>3735037</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: 5000 USWG Portable: 472 USWG Mobile: 0



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Name of person completing this form (please print) Tony Breton	Official Title Vice President
Signature 	Telephone No. 905-894-0972 ext 203
	Date (dd-mm-yyyy) 03/10/2014



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s)		For Office Use - Party No.	
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"/>		For Office Use - Party No.	
Superior Propane - Smithville			
Street No.	Street Name / 911 Number / Address, if applicable		
3089	Regional Road # 12		
Town / City or Township / Country		Province	Postal Code
Smithville		Ontario	LOR 2A0
Telephone No.	Fax No.	Contact Name	
905-516-2301	N/A	Tom Amies	
E-mail			
amiest@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	
Tony Breton		Vice President	
Signature	Telephone No.	Date (dd-mm-yyyy)	
	905-894-0972 ext. 203	03/10/2014	



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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 - maximum 1000 gallons - stored in the maintenance yard (A MSDS for regular unleaded gasoline is provided in the gas shed located beside tank.)

Diesel Fuel - maximum 500 gallons - stored in the maintenance yard

Waste Oil - maximum 12 gallons - stored in the maintenance yard

Parts Washer - maximum 12 gallons - stored in the maintenance yard

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

ABC Dry Fire Extinguishers - total of 6

2 located inside the propane dispenser

2 located inside the adjacent shop

2 located inside and outside the fuel shed

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. ISC valve interlock bar (interlocked with cabinet door) - ISC valve closes when door is closed.

3. Power supply breaker inside the convenience store 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. Fusible links - inspected every 6 months; 4. Storage tank Relief Valves - inspected every 2 years; replacement schedule as per provincial regulations.

5. Fire extinguishers maintained by Sheraton Resort in accordance with Ontario fire regulations. Maintenance records are kept for 5 years.

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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 Tony Breton	For Office Use - Party No.	Name Sherkston Security	For Office Use - Party No.
Official Title Vice President		Official Title Security Officer on-duty 24 hours a day	
Telephone No. cell 905-933-1153	Fax No. 905-894-5352	Cell No. 905-358-0911	Fax No. 905-894-5352
E-mail tbreton@sherkston.com		E-mail supervisors@sherkston.com	
Role and responsibilities in emergency Coordinate site response, will provide instructions and processes for all visitors, guests and employees.		Role and responsibilities in emergency Coordinate site response, will provide assistance to visitors, guests and employees to safely arrive at the arranged meeting place outside of the hazard	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Grey Ayers	For Office Use - Party No.	Name Greg Ayers	For Office Use - Party No.
Official Title Maintenance Foreman		Official Title Maintenance Foreman	
Telephone No. Cell 905-933-3312	Fax No. 905-894-5352	Telephone No. Cell 905-933-3312	Fax No. 905-894-5352
E-mail gregayers@sherkston.com		E-mail gregayers@sherkston.com	
Role and responsibilities in emergency Coordinate site response if agent isn't available		Role and responsibilities in emergency Coordinate site response	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Thomas Cartwright	For Office Use - Party No.	Name Superior Propane Hotline	For Office Use - Party No.
Official Title Port Colborne Fire Chief	E-mail firechief@portcolborne.ca	Official Title	E-mail
Telephone No. 905-834-4512	Fax No. 905-835-1020	Telephone No. 1-877-873-7467	Fax No. N/A
Role and responsibilities in emergency Coordinate/advise on Port Colborne Fire Service response. Liaise with police		Role and responsibilities in emergency Identify and dispatch Superior Propane and or LPERGC emergency response personnel as required.	
Fire Services Address 3 Killaly Stree West, Port Colborne, ON		Propane Supplier Address 251 Woodlawn Road W, unit 217	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Michael Bendia	For Office Use - Party No.	Name Lyle Merritt	For Office Use - Party No.
Official Title Port Colborne Fire Prevention Officer	E-mail mikebendia@portcolborne.ca	Official Title Chief Building Official	
Telephone No. 905-834-4512	Fax No. 905-8351020	Telephone No. 905-835-2900 ext. 201	Fax No. 905-835-2939
Role and responsibilities in emergency Alternate - Coordinate/advise on Port Colborne Fire Service response. Liaise with police		E-mail lylemerritt@portcolborne.ca	
Fire Services Address 3 Killaly Stree West, Port Colborne, ON		Municipality Name and Address Charlotte St Port Colborne, Ontario	

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2. Additional Safety Measures

Describe any other measures in place at the facility that exceed the minimum Code and Standards requirements.
 Please see attached Emergency and Preparedness Response Plan

[Large empty area with horizontal lines for describing additional safety measures]

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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) 01/05/2014	Print Name of Training Provider: <u>Sherkston Shores Emergency Reponse Procedure Training</u>
	Print Name of Instructor: <u>Fire Department</u>
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) 01/05/2014	Print Name of Training Provider: <u>Sherkston Shores - Standard Emergency Response Training</u>
	Print Name of Instructor: <u>Tony Breton/Greg Ayers/Cherie Moskalyk</u>
Training Date (dd-mm-yyyy) 16/06/2014	Print Name of Training Provider: <u>First Aid</u>
	Print Name of Instructor: <u>Canadian Red Cross</u>
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) 07/15/2014	Print Name of Training Provider: <u>FSN Training</u>
	Print Name of Instructor: <u>Michael Farah</u>
Training Date (dd-mm-yyyy) 16/05/2014	Print Name of Training Provider: <u>WHMIS</u>
	Print Name of Instructor: <u>Cherie Moskalyk</u>
Training Date (dd-mm-yyyy) 01/05/2014	Print Name of Training Provider: <u>Portable Fire Extinguisher</u>
	Print Name of Instructor: <u>Fire Department</u>

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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) 06/04/2015	Print Name of Training Provider: Emergency Response Procedure Training
	Print Name of Instructor: Port Colborne Fire Department
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) 16/04/2015	Print Name of Training Provider: Standard Emergency Response Training
	Print Name of Instructor: Tony Breton/Greg Ayers/Cherie Moskalyk
Target Date (dd-mm-yyyy) 15/05/2015	Print Name of Training Provider: First Aid
	Print Name of Instructor: Canadian Red Cross
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) 15/06/2016	Print Name of Training Provider: FSN Training
	Print Name of Instructor: Mike Farah
Target Date (dd-mm-yyyy) 01/05/2015	Print Name of Training Provider: WHMIS
	Print Name of Instructor: Cherie Moskalyk
Target Date (dd-mm-yyyy) 06/04/2015	Print Name of Training Provider: Portable Fire Extinguisher Training
	Print Name of Instructor: Port Colborne Fire Department

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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 agent/operator or alternate (both ROT staff) will contact emergency services by calling 911 and will provide warnings as outlined in the attached Propane Emergency Response Procedures placard (to be posted at site and be part of employee training). If it is safe to do so, this could involve advising individuals in the area 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 agent/operator or alternate should first follow the actions in the ERP's provide herein. Staged evacuation, if the release of propane cannot be stopped by cutting electrical power, may be required. The initial muster location will be the first commercial building, as you enter the park, approx. 30 m away from the site and away from a dispersing propane cloud. 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, site staff will be on duty and be in the propane tank area. The Key Contact or alternate will be implementing ER actions and notifications, 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 is shutdown.

Any accidents involving the propane tank during such times will require the intervention of random, nearby individuals.

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 Sherkston Road (off Empire Road).

The fire access routes are identified in the attached plan.

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 the system down and the fill level in the tank (if known).

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 John O'Brien, verbally if on-site, or by cell phone during off hours.

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

There is a security officer on site 24 hours. It would take the key contact, John O'Brien approximately 15 minutes to arrive on-site after having received the emergency call.

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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>50 m</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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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:

See enclosed forms

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 <i>Michael Bendia</i>	<i>M Bendia</i>	<i>17/11/2014</i>

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Name of person completing this form (please print) <i>Tony Breton</i>	Official Title <i>Vice President</i>
Signature <i>[Signature]</i>	Telephone No. <i>905-894-0972 ext 203</i>
	Date (dd-mm-yyyy) <i>03/10/2014</i>



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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) 20/10/2014	Capacity of single largest propane storage vessel (USWG) 5000USWG
Tank setback coordinates. Indicate placement on the map.	
Front: <u>120 m Southwest</u>	Right side property line: <u>350 m Northwest</u>
Rear: <u>420 m Northeast</u>	Left side property line: <u>250 m Southwest</u>
GPS coordinates of single largest vessel: <u>Lat. 42.8748, Long. -79.1366</u>	

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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

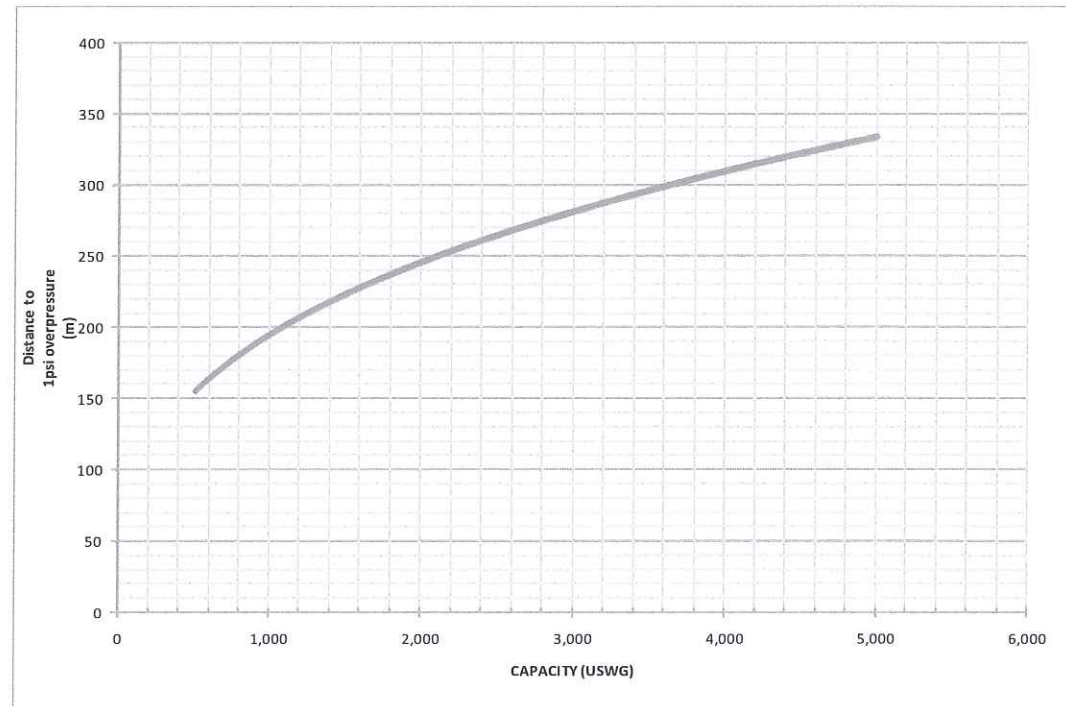
Table 1: Distance Table

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)





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

Level 1 Risk and Safety Management Plan (RSMP)
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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>Facility is recreational trailer park</u> Address: _____ City: _____ Province _____ Postal Code _____		x			<u>1</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]			x		<u>60</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Sherkston Convenience Store and others (amenities of facilities)</u> Address: _____ City: _____ Province _____ Postal Code _____			x		<u>10</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: <u>Facility is a recreational trailer park</u> Address: _____ City: _____ Province _____ Postal Code _____				x	<u>20</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".

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) Tony Breton	Official Title Vice President	
Signature 	Telephone No. 905-894-0972 ext. 203	Date (dd-mm-yyyy) 03/10/2014



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WORKSHEET

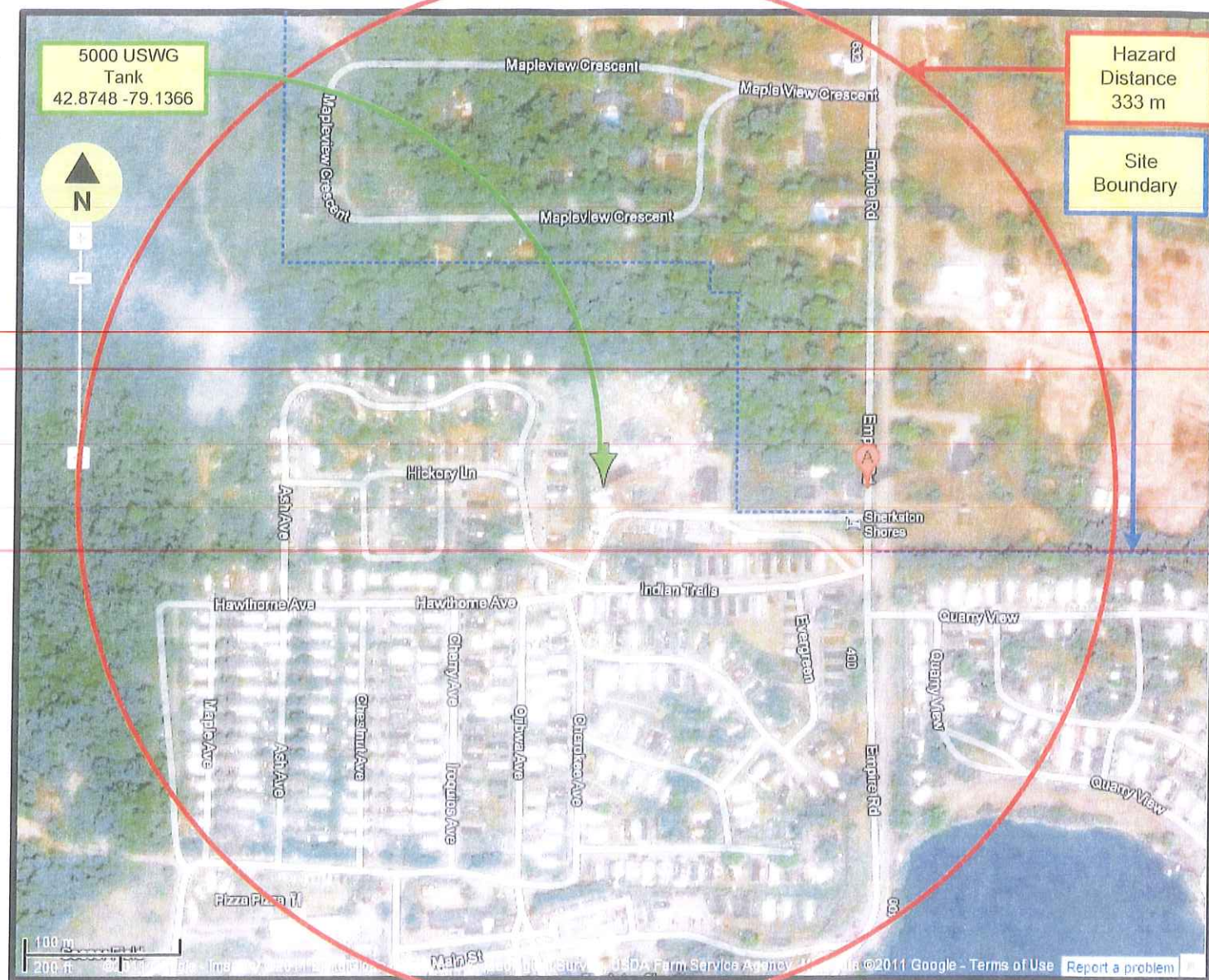
Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5	16	472 USWG
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8		
# 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
5000 USWG	1	5000 USWG
Total Tank Capacity		

Total Cylinder Capacity	472 USWG
Total Tank Capacity	5000 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	0 USWG



MAP OF SURROUNDING AREA

SHERKSTON SHORES INC.
Empire Road, Port Colborne, ON

Legal Description: Lots 3, 4, 5, & 6, Concession 1, Plan 59R-5042

Tank Capacity: 5000 USWG

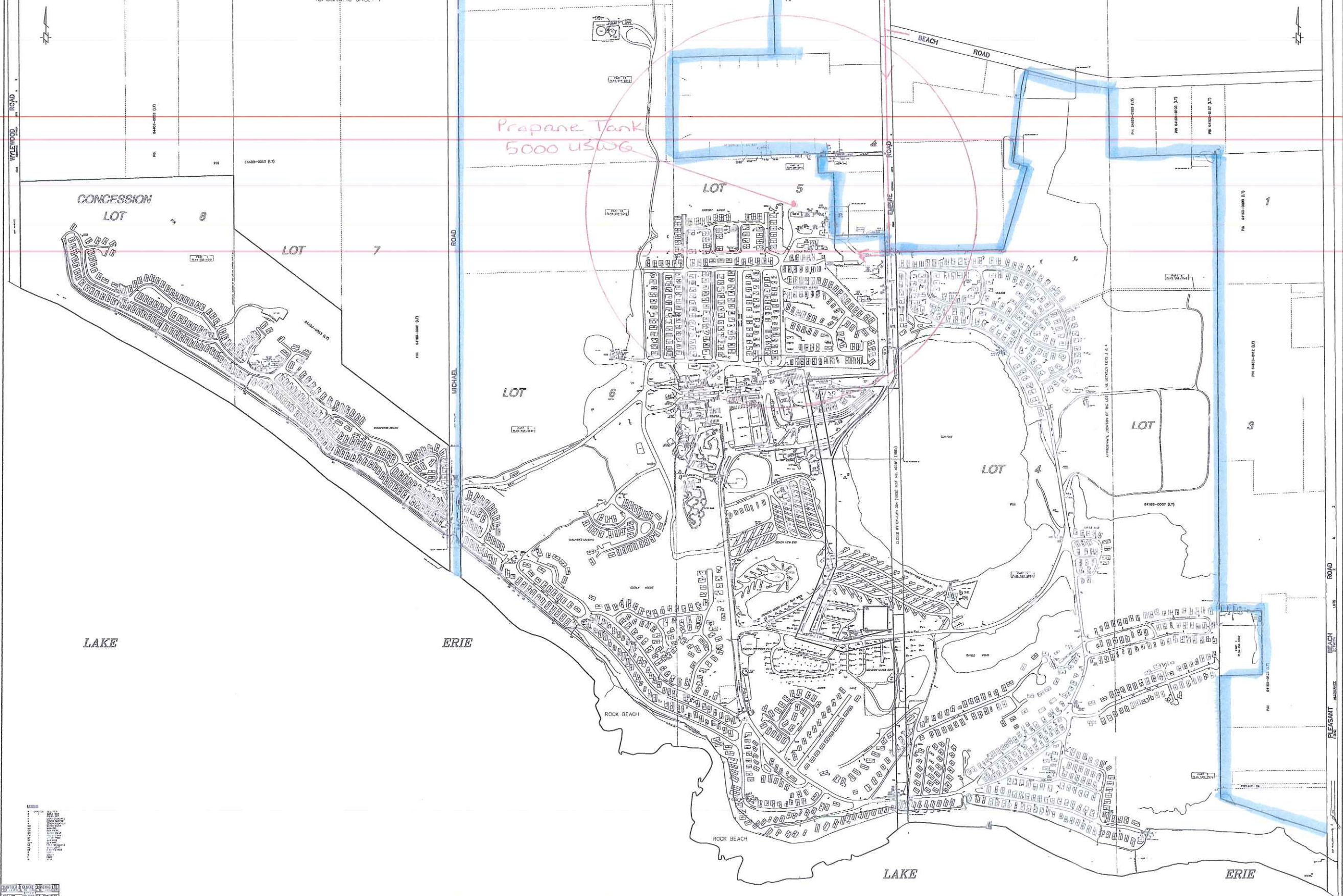
GPS Co-ordinates: Lat. 42.8748 Long.-79.1366

Hazard Distance: 333 m

Tank Set-back Distances: Front of Property: 120 m Southwest Right Side of Property: 350 m Northwest
 Back of Property: 420 m Northeast Left Side of Property: 250 m Southeast

Municipal Contact:

Ernie Cronier, Chief Building Official
 66 Charlotte Street, Port Colborne, ON L3K 3C8
 Phone (905) 835-2901 x 201



CONCESSION LOT

LOT 7

LOT 6

LOT 5

LOT 4

LOT 3

LAKE

ERIE

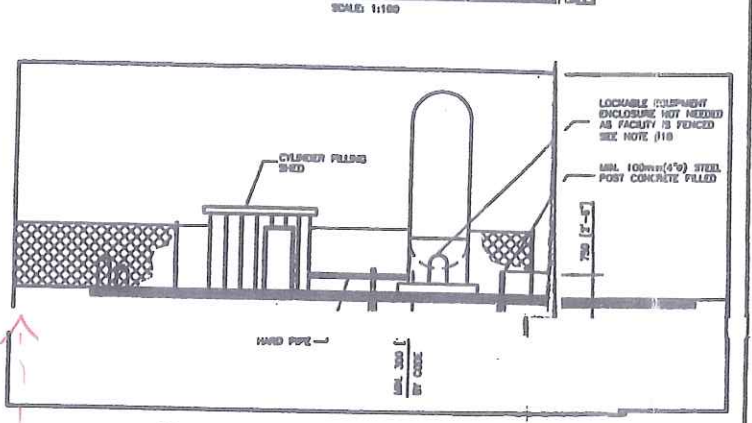
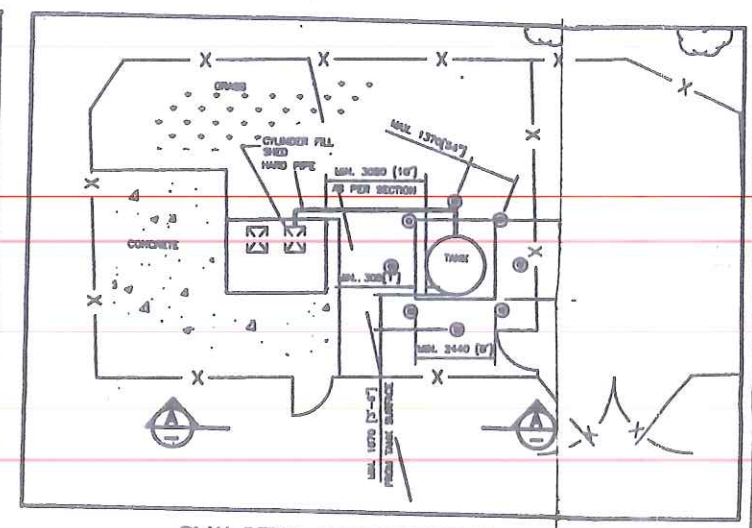
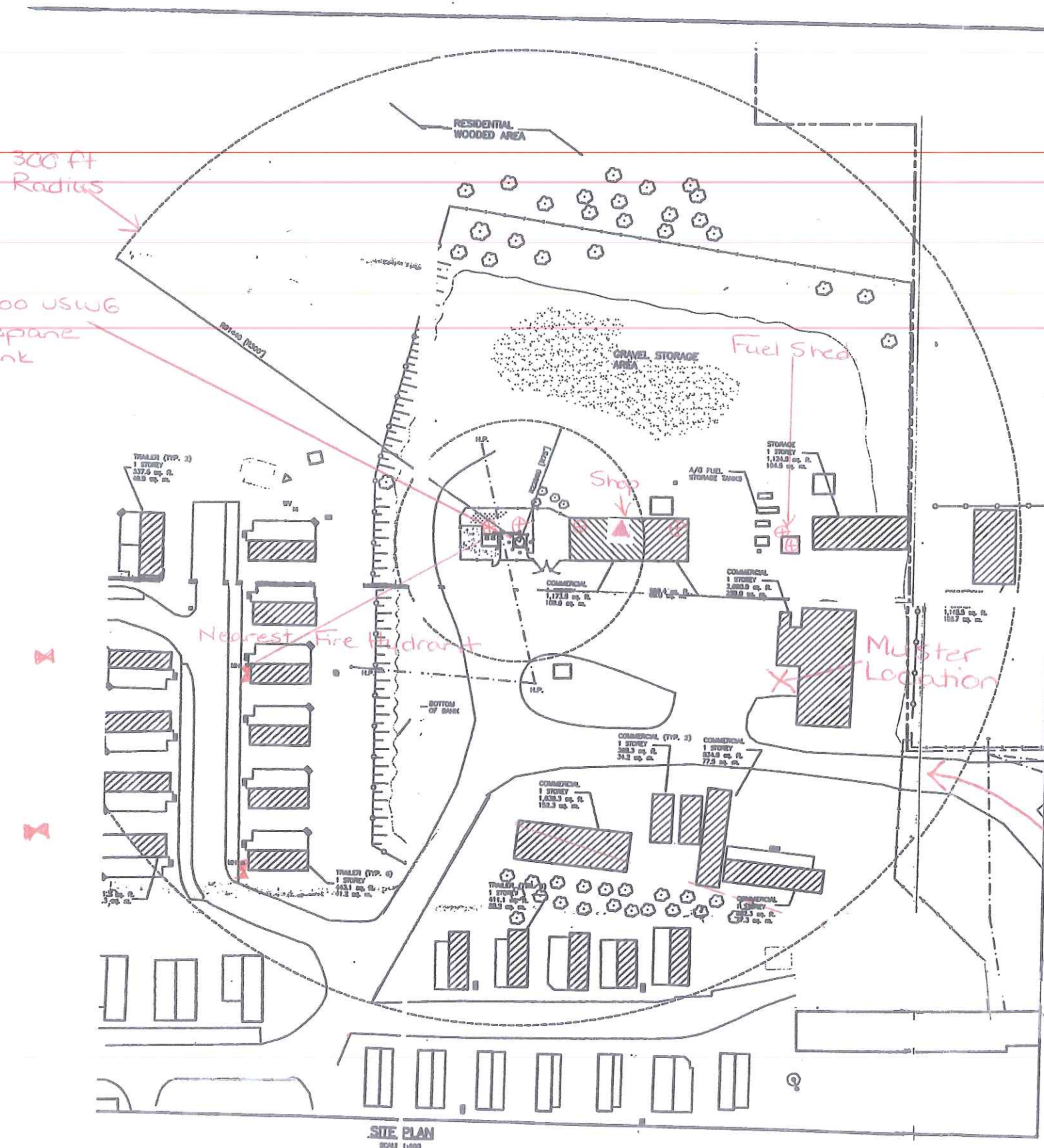
LAKE

ERIE

Propane Tank
5000 USWG

1. ALL DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
 2. ALL DISTANCES ARE MEASURED ALONG THE CENTERLINE OF THE ROAD.
 3. ALL DISTANCES ARE MEASURED ALONG THE CENTERLINE OF THE LOT.
 4. ALL DISTANCES ARE MEASURED ALONG THE CENTERLINE OF THE LOT.
 5. ALL DISTANCES ARE MEASURED ALONG THE CENTERLINE OF THE LOT.
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 10. ALL DISTANCES ARE MEASURED ALONG THE CENTERLINE OF THE LOT.

ENGINEER'S SEAL AND SIGNATURE
 DATE OF ISSUE



DETAIL ELEVATION OF TANK
SCALE 1:100

⊕ Fire Extinguisher
 ✕ Fire Hydrant
 ▲ Power Supply Breaker

Empire Road
 Access/Egress

- NOTES:**
- AREAS SHOWN REPRESENT PORTIONS OF BUILDINGS BOUNDED BY THE 5-75 FEET AND 75-300 FEET RADIUS AS INDICATED.
 - AREAS CALCULATED ARE USED FOR TSSA PROPOSED BRANCH STANDARD #0 REQUIREMENTS.
 - AREA REQUIREMENTS FOR BRANCH STANDARD #0 IS 8,768.0 sq. ft., WHICH IS LESS THAN THE 10,000 sq. ft. RESTRICTION. FACILITY IS IN COMPLIANCE WITH BRANCH STANDARD #0.
 - SITE IS IN COMPLIANCE WITH THE 0140.1-00 & 0140.3-00 CODE REQUIREMENTS, AS PER APPROVED DISTANCES IF LOCATED AS SHOWN. ALL EQUIPMENT IS TO MEET APPLICABLE CODE REQUIREMENTS.
 - ANY UPPER STORIES OF BUILDINGS THAT FALL WITHIN THE 75 FEET AND 300 FEET RADIUS ARE ALSO USED IN CALCULATING BRANCH STANDARD #0 LIMITS.
 - SPRINKLER WHICH CANNOT BE MET PERFORMED BY ALTHA PERSONNEL ON MAY 3/2008 TO CONFIRM SITE CONDITIONS.
 - ALL MECHANICAL AND ELECTRICAL EQUIPMENT TO BE APPROVED FOR PROPOSED USE AND INSTALLED IN THE APPROPRIATE CLASSIFIED AREAS (I.e., HAZARDOUS, NON-HAZARDOUS, ETC.).
 - ELECTRICAL EQUIPMENT IN THE VICINITY OF THE PROPOSED TANK MUST BE APPROVED FOR CLASS 1, ZONE 1 AND ZONE 2 GROUP 0 HAZARDOUS LOCATIONS AS REQUIRED BY THE CCG LATEST EDITION.
 - FACILITY USED FOR RETAIL CYLINDER REFILLS ONLY.
 - DESIGNER OF TANK AND W/P RELATED EQUIPMENT FROM EACH GASE TO BE INSTALLED AS PER CLAUSE 8.10.1.7 OF 0140.3-00. DISTANCE TO VERIFY SITE CONDITIONS ARE IN COMPLIANCE.
 - OCCUPANCY CLASSIFICATIONS HAVE BEEN SELECTED BY "TANK OCCUPANCY" AS DEFINED BY THE CCGED BUILDING CODE 1000, THESE CCGED OCCUPANCY CLASSIFICATIONS EXIST, THE MAIN PURPOSE AND BEING PROVIDED (I.e., MERCHANTS USE INDUSTRIAL, TOOL, P CLASSIFICATION) UNLESS OTHERWISE SHOWN.
 - TSSA COMPLIES WITH CLAUSE 8.3.0.8 OF THE PROPOSED STORAGE AND HAZARDOUS CODE 0140.3-00, SHALL BE PROMINENTLY DISPLAYED.
 - ANY TANK DIMENSIONS ARE TYPICAL, ACTUAL TANK DIMENSIONS MAY VARY.
 - PROPOSED AND ELECTRICAL EQUIPMENT MUST BE PROVIDED FOR PROPOSED EQUIPMENT AS PER CLAUSE 8.10.1.7 OF 0140.3-00. THIS MAY BE OMITTED.
 - TANK MUST BE MORE THAN 3 m (10 ft.) FROM UNDERGROUND PETROLEUM TANKS, CLAUSE 8.1.8.
 - POTENTIAL FIRE EXTINGUISHER NOT LESS THAN 25-0.0 POUNDS TO BE MOUNTED AT SITE AS PER SDO CLAUSE 8.10.1.4.
 - PROPOSED TRANSPORTATION VEHICLES (I.e., BULK TRUCKS) ARE ALLOWED TO PARK OVERHEAD ON THIS SITE AND OTHER TANK ARE BY (AS PER CLAUSE 7.10.4 AND 7.10.5 OF THE 0140.3-00).
 - PROTECTION OF PRIMARY VALVES BY A CHIMNEY CONSTRUCTED AS PER SDO CLAUSE 8.10.3 CAN REPLACE THE NEED OF ENCLOSING THE TANK BY FENCING AS PER SDO CLAUSE 8.10.5. THIS FACILITY MEETS AN ENCLOSURE.
 - ANY FENCING TO BE CONSTRUCTED IN ACCORDANCE WITH CLAUSE 8.3.3 (a) OR (b) OF 0140.3-00.
 - ANY UNDERGROUND PIPING MUST BE PROTECTED AS PER CLAUSE 8.3.3 OF 0140.3-00.
- *WHEN REQUIRED ARE AVAILABLE AND OTHERWISE TANK ARE DONE.
 **GENERAL FOR THIS JOURNAL ONLY.

APPLICATION MADE BY THE SMITHVILLE CSC
OF SUPERIOR PROPANE INC.

FACILITY HAS EXISTING TSSA LICENCE
0051737002

PROPANE BRANCH STANDARD NUMBER 0 STATISTICS

AREA A (INDUSTRIAL AREA WITHIN 75') =	0.0 sq. ft.
AREA B (NON-INDUSTRIAL AREA WITHIN 75') =	1,173.0 sq. ft.
AREA C (INDUSTRIAL AREA BETWEEN 75' AND 300') =	0.0 sq. ft.
AREA D (NON-INDUSTRIAL AREA BETWEEN 75' AND 300') =	12,094.1 sq. ft.
AREA E = AREA A + B + AREA C =	2,347.5 sq. ft.
AREA F = AREA C + D + AREA D =	24,188.1 sq. ft.
A/B TANK AREA = AREA E + (0.1 x AREA F) =	8,768.5 sq. ft.

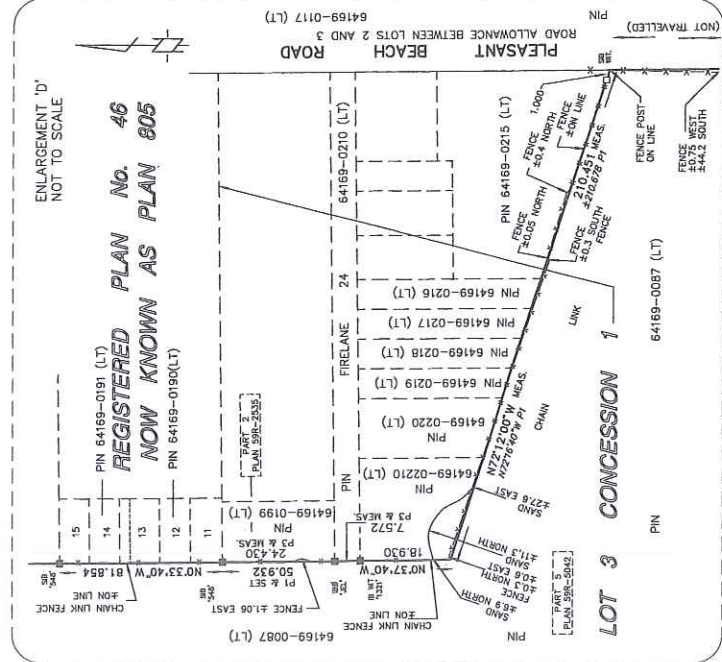
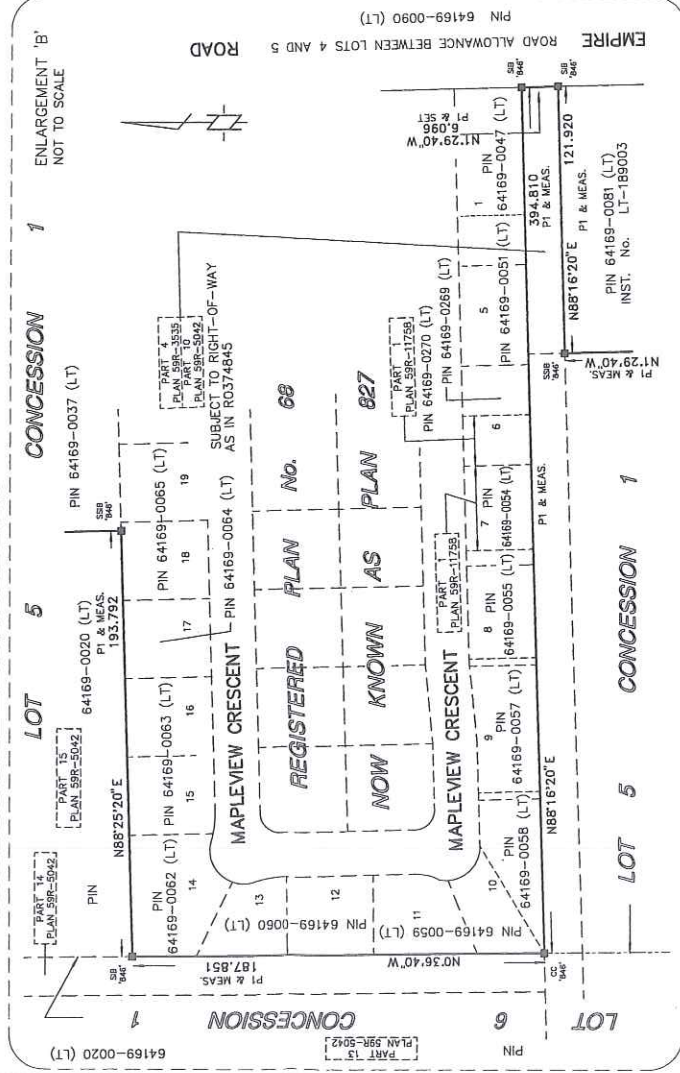
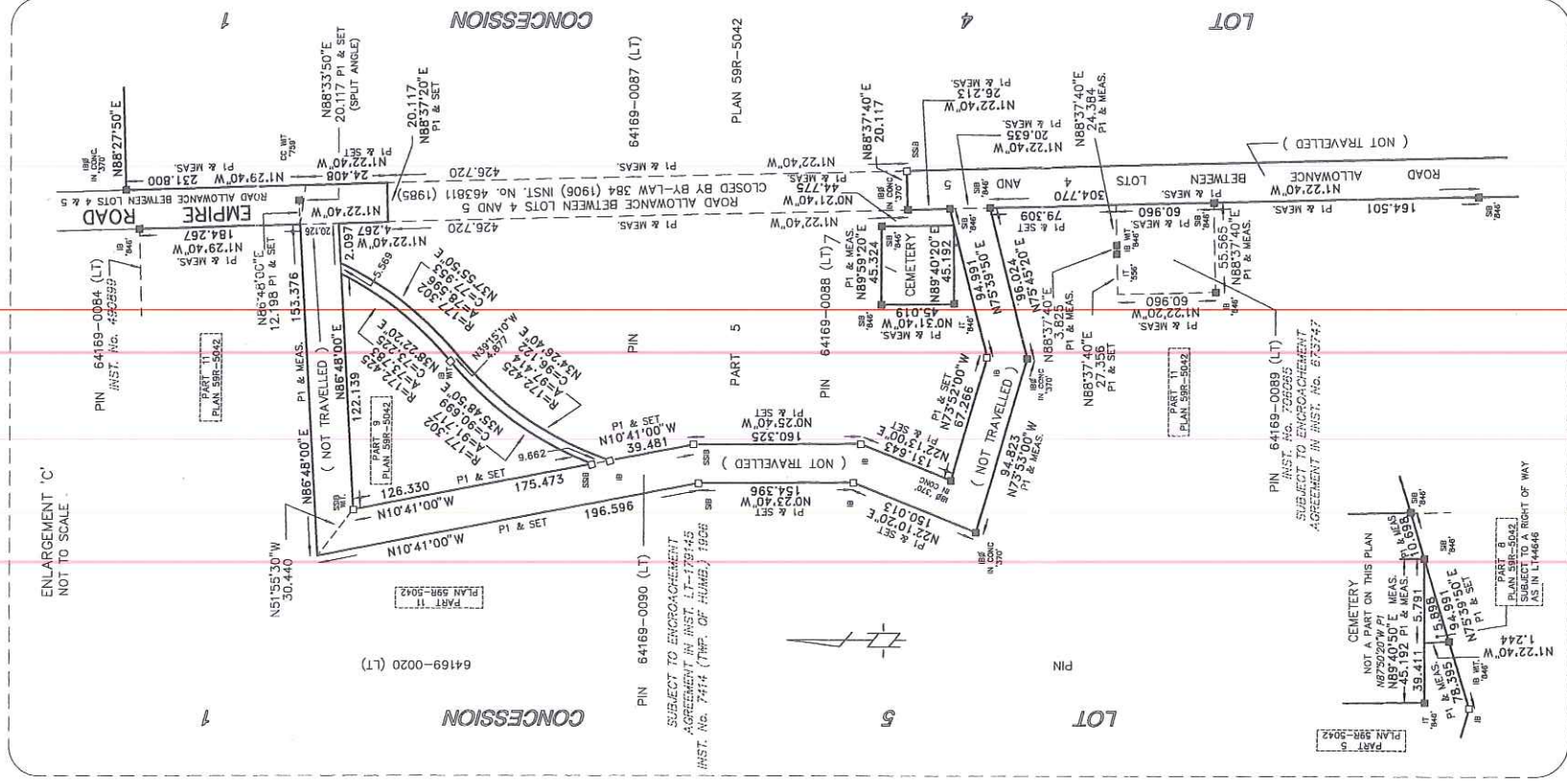
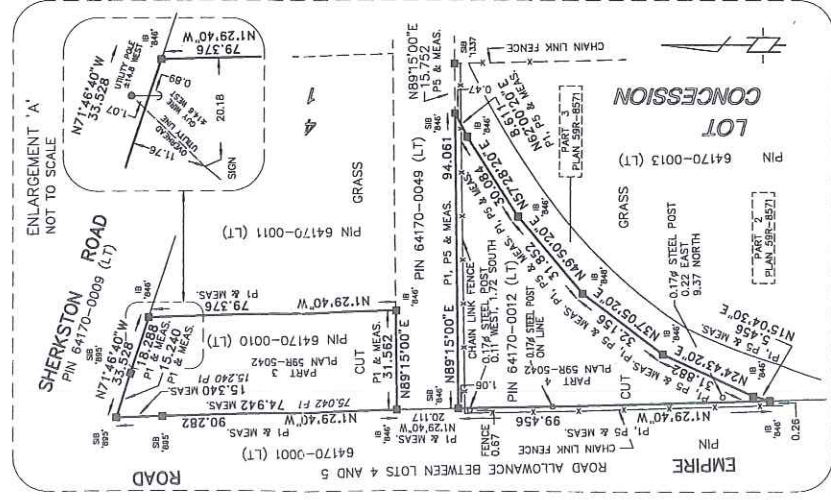
1 NOV 05, 05	CHANGED TO 2000 LEGAL TANK	D.C.	
0 JUNE 05, 05	DESIGNED FOR TSSA APPROVAL	D.C.	
No.	Date	Description	By

Superior Propane Inc.

ALTENG Inc.
Alternative Energy Consulting
126 Helm Crescent, Thornhill, Ontario L3T 5J3
Telephone: (905)784-1844 Fax: (905)784-5088

Project: SHERIDAN SHORES RESORT 480 EMPIRE ROAD SHERIDAN, ON. L0S-1R0	Drawn By: DC Checked By: JJK Date: 27/05/05 Drawing Scale: AS SHOWN
Drawing Title: ALTERATION AND INCREASE IN PROPANE STORAGE FOR RETAIL SALES FACILITY TO 5,000 USWG	ACAD INFORMATION Drawing File: 050301-P-100 Drawing Sheet: 0 Plotting Scale: 1=1
Drawing Number: P-100	File Number: 050301

SURVEY DETAILS



- LEGEND**
- DENOTES SURVEY MONUMENT FOUND
 - MONUMENT SET
 - SSB STANDARD IRON BAR
 - SB SHORT STANDARD IRON BAR
 - IB IRON BAR
 - IBØ ROUND IRON BAR
 - IT IRON TUBE
 - CM CONCRETE MONUMENT
 - CC CUT CROSS
 - R CONCRETE
 - CONG. CONCRETE
 - A ARC
 - CHORD
 - ORIGIN LINK KNOWN
 - PLAN KNOWN
 - LANLANTHER & GILMORE SURVEYING LTD.
 - F. N. RUTHERFORD O.L.S.
 - C. J. CLARKE O.L.S.
 - F. URE O.L.S.
 - J. E. LANLANTHER O.L.S.
 - D. CASCH O.L.S.
 - D. CASCH O.L.S.
 - MINISTRY OF TRANSPORTATION AND COMMUNICATION
 - '860' FILE 0-9337
 - '860' FILE 0-9664
 - '860' FILE 18-958
 - PLAN 59R-4854
 - PLAN 59R-5042
 - PLAN 59R-4484
 - PLAN 59R-8571
 - PLAN 59R-9230