



Technical Standards and Safety Authority
www.tssa.org

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



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

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

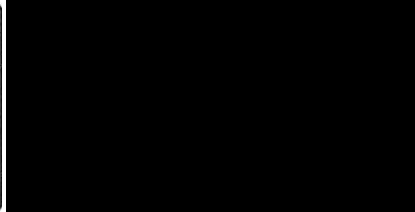
Failure to fully complete this form may result in rejection. Making a false statement may result in a fine or prosecution under the Technical Standards and Safety Act

Licence Number 76645052

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 Verify that information inserted on this page is accurate.

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

A Company Name Bruce Stone Enterprises Ltd. Ontario Corporation No., if applicable _____

Operator Name (if different from above) Bruce Stone

Telephone No. 807-475-4235 Ext 103 Fax No. 807-473-9592 E-mail bstone@cantire034.com

B Street No. 1221 Street Name / 911 Number / Address, if applicable Arthur Street West

Town / City or Township / County Thunder Bay Province ON Postal Code P7K 1A7

Mailing address if different from above.

C 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

D Location of facility.

Street No. 1221 Street Name / 911 Number / Address, if applicable Arthur Street West Nearest Major Intersection Arthur Street West and Parkdale Blvd

Town / City or Township / County Thunder Bay Province ON Postal Code P7K 1A7s

Name of Licence Holder Bruce Stone Enterprises Ltd.

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

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

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.

Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder <u>Bruce Stone</u>		<u>11-11-2011</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Bruce Stone</u>		<u>11-11-2011</u>



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. _____ Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. _____

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

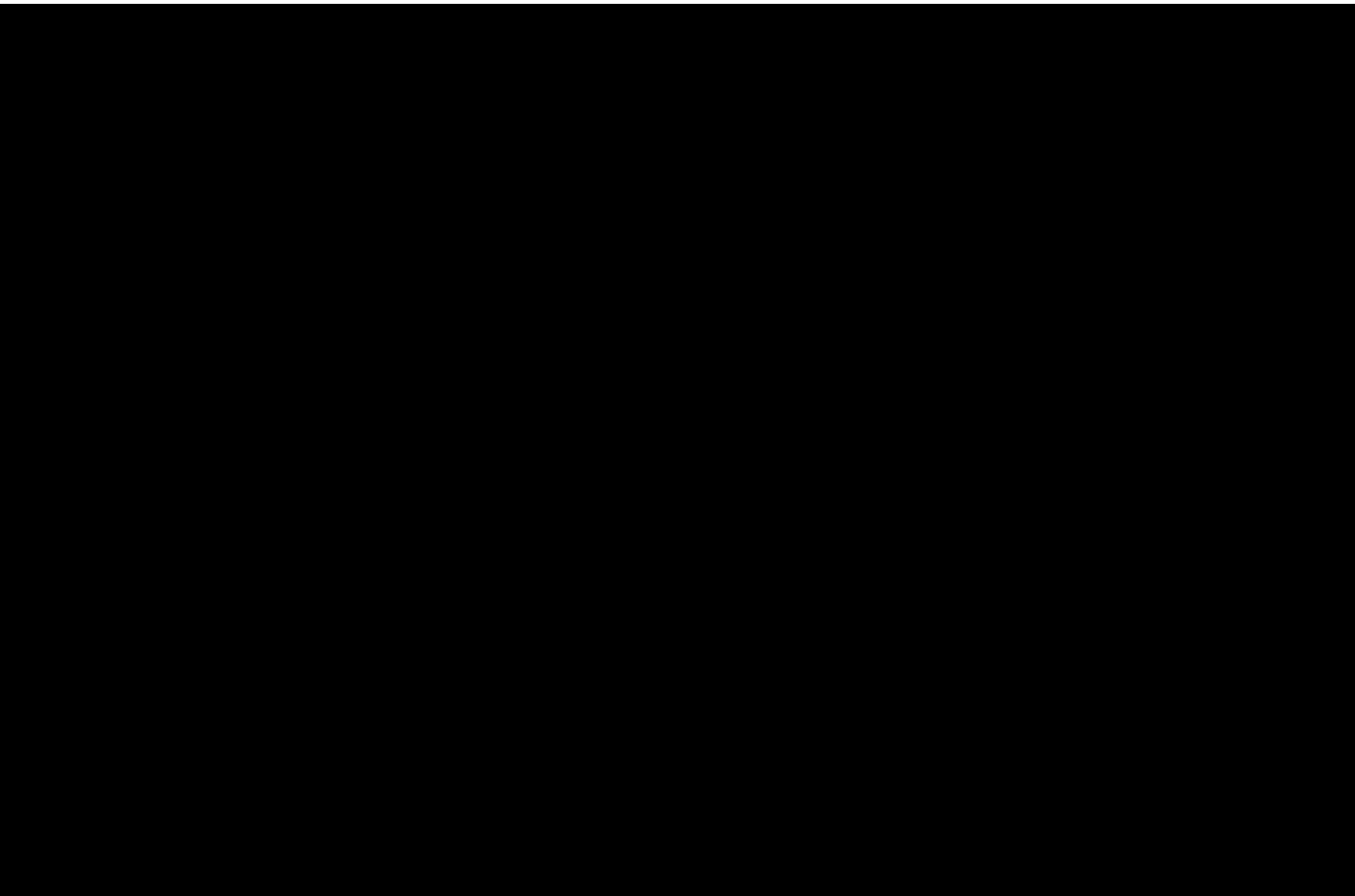
	PSIG	Serial Number
Tank 1:	250	342-01
Tank 2:	_____	_____
Tank 3:	_____	_____

Note: you will find the PSIG and Serial number on the propane tank.

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: 1/2000 _____ Portable: 12/20# _____ Mobile: _____

Note: Complete this box if your store has a cage for propane cylinder exchange. One cage can hold 140 gallons. ie. if you have two cages, then put 280 gallons.



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) Donald Osborne	Official Title General Manager	
Signature 	Telephone No. 807-475-4235 Ext 148	Date (dd-mm-yyyy) 05/11/2011



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

No Action required

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

Name of Propane Supplier(s) Superior Propane - Ontario Regional Operations Centre			For Office Use - Party No.		
Street No. 251	Street Name / 911 Number / Address, if applicable Woodlawn Road West, Unit 217				
Town / City or Township / Country Guelph			Province Ontario	Postal Code N1H 8J1	
Telephone No. 1-877-873-7467	Fax No. 519-836-7766	Contact Name 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					
Street No.	Street Name / 911 Number / Address, if applicable Po Box 10325 Stn P,				
Town / City or Township / Country Thunder Bay			Province Ontario	Postal Code P7B 6T8	
Telephone No. (807) 628-6393	Fax No. n/a	Contact Name Phil Eddy			
E-mail eddyp@superiorpropane.com					

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

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

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) Donald Osborne		Official Title General Manager	
Signature 		Telephone No. 807-475-4235 Ext 148	Date (dd-mm-yyyy) 05/11/2011



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

Refer to attachment for example of how to fill out this page.

SECTION B: EMERGENCY AND PREPAREDNESS RES

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.
Bulk oil containers 2x1135L in compressor room (#5 on sight drawing). Waste oil tank 5000L located in the south west corner of corner of the auto compound (#4 on the sight drawing). Up to 12 pre-filled 20# tanks in a cage at the south east corner of the auto compound (#8 on the sight drawing). Up to 8 full oxygen & nitrogen tanks chained to the wall in the north west corner of the service area (#6 on the sight drawing). 2 portable carts containing 1 oxygen tank & 1 acetylene tank with in the service area.

Description of fire and emergency equipment indicated on facility site map. Identify where your fire extinguishers are around your propane tank.
41 10# CO2 fire extinguishers: 1 in the propane pumping station, 7 along the walls of the service are, 1 in the service lunch room & 32 through out the retail area. 2 fire hydrants: 1- 20 meters directly across Rosedale Blvd from the tank & 1 70 meters south west of the tank in the front parking lot. One fire hose/ truck hook up at the main retail area exit. (All identified on the sight drawing)

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) 2 24 hour fire alarm pull stations located beside the man doors to the service area. #2) A fusible link on the ISC valve-isolation valve between the tank & the down stream propane dispensing equipment. #3) Emergency stop push button mounted outside the propane equipment cabinet. #4) Electrical panel in north west corner of the service area shuts down all power to the filling station.

Maintenance and testing schedule for fire protection controls and devices.
#1) Pump (pup every three months: pump motor check & grease motor every 6 months)
#2) ISC valves (test for closure every 6 months)
#3) Storage tank relief valves (inspect every two years, replace schedule as per provincial regulations)

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) Donald Osborne		Official Title General Manager	
Signature 		Telephone No. 807-475-4235 Ext 148	Date (dd-mm-yyyy) 05/11/2011



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

Verify information entered is accurate.
Obtain information for #2, 3, 4 and 8

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

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact

Name Bruce Stone	For Office Use - Party No.
Official Title Dealer	
Telephone No. 807-475-4235	Fax No. 807-473-9592
E-mail bstone@cantire034.com	
Role and responsibilities in emergency Co-ordinate site response.	

5. Facility 24-Hour Contact Person

Name Bruce Stone	For Office Use - Party No.
Official Title Dealer	
Cell No. 807-630-6623	Fax No. 807-473-9592
E-mail bstone@cantire034.com	
Role and responsibilities in emergency Co-ordinate site response.	

2. Facility Contact Personnel - Alternate Contact

Name Donald Osborne	For Office Use - Party No.
Official Title General Manager	
Telephone No. 807-475-4235 Ext 148	Fax No. n/a
E-mail ctce@tbaytel.net	
Role and responsibilities in emergency Co-ordinate site response if Dealer not available.	

6. Name of Facility Manager

Name Bruce Stone	For Office Use - Party No.
Official Title Dealer	
Telephone No. 807-475-4235	Fax No. 807-473-9592
E-mail bstone@cantire034.com	
Role and responsibilities in emergency Co-ordinate site response.	

3. Local Fire Services - Key Contact

Name John Hay	For Office Use - Party No.
Official Title Fire Chief	
Telephone No. 807-625-2101	Fax No. 807-623-4545
E-mail	
Role and responsibilities in emergency <i>COORDINATION OF MUNICIPAL FIRE SERVICES AND ITS RESOURCES DURING EMERGENCY</i>	

7. Propane Supplier Key Contact Person

Name Superior Propane Hotline	For Office Use - Party No.
Official Title	
Telephone No. 1-877-873-7467	Fax No.
E-mail	
Role and responsibilities in emergency	

4. Local Fire Services - Alternate Contact

Name Brian Berringer	For Office Use - Party No.
Official Title Director of Fire Prevention	
Telephone No. 807-625-2650	Fax No. 807-623-4545
E-mail	
Role and responsibilities in emergency <i>COORDINATION OF MUNICIPAL FIRE SERVICES AND ITS RESOURCES DURING EMERGENCY</i>	

8. Municipal Contact

Name Ron Bourret	For Office Use - Party No.
Official Title Manager of Licensing & Enforcement	
Telephone No. 807-625-2644	Fax No. 807-625-2977
E-mail	
Municipality Thunder Bay	

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) Donald Osborne	Official Title General Manager
Signature 	Telephone No. 807-475-4235 Ext 148
	Date (dd-mm-yyyy) 05/11/2011



Technical Standards and Safety Authority
www.tssa.org

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

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

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

2. Additional Safety Measures

Refer to attachment for examples

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

n/a

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) Donald Osborne		Official Title General Manager	
Signature 		Telephone No. 807-475-4235 Ext 148	Date (dd-mm-yyyy) 05/11/2011



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**

Unless you have an emergency plan established at your store and you have provided training, then list 'n/a' on the first training date of each heading.

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) none	Print Name of Training Provider: _____
	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) none	Print Name of Training Provider: _____
	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) none	Print Name of Training Provider: _____
	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: _____

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) Donald Osborne	Official Title General Manager
Signature 	Telephone No. 807-475-4235 Ext 148
	Date (dd-mm-yyyy) 05/11/2011



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

No action required at this time.

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) Q4 2011	Print Name of Training Provider:
	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:

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

Target Date (dd-mm-yyyy) Q4 2011	Print Name of Training Provider:
	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) Q4 2011	Print Name of Training Provider:
	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:

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) Donald Osborne	Official Title General Manager
Signature 	Telephone No. 807-475-4235 Ext 148
	Date (dd-mm-yyyy) 05/11/2011



Technical Standards and Safety Authority
www.tssa.org

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

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

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

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

5. Emergency Response Communications Plan

Most of the information here will be found in your store's emergency plan. Please refer to the attached for examples

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. They will shut off the power to the station. Using the store emergency page to have the duty manager report to the area at which time if the retail area needs to be evacuated a fire alarm pull station will be activated and the building will be evacuated through the appropriate exits.

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 ROT person will report to the duty manager who if the situation requires it will evacuate the store through the retail main entrance and the west end fire exits advising both the staff and customers not to try to leave the parking lot through the east end exit of the parking lot. Staff members will gather in the south west corner of the parking lot.

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).
Any incident will be called in to 911 by the duty ROT person. If retail evacuation is required then a fire alarm pull station will be activated by the duty manager this will trigger a second 911 call by the 24 hour monitoring service.

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 at the east end of the property and is accessible by entrances north and south from the parking lot from Parkdale Blvd to the east.

Example of what to list here: Propane site is in a large open area in parking lot. Fire department will not have any issues accessing the propane site.

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. The fill level is relevant from a time-to-Bleve perspective. The information will be provided to the authorities by the facilities key contacts time permitting.

How long will it take the facility liaison person to respond to the site. How long would the Dealer/senior manager respond to the site?
The dealer lives in Cloud Bay which is approximately 40 minutes away. The general Manager lives on Arthur St East and is approximately 10 minutes away.

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) Donald Osborne	Official Title General Manager
Signature 	Telephone No. 807-475-4235 Ext148
	Date (dd-mm-yyyy) 05/11/2011



Technical Standards and Safety Authority
www.tssa.org

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

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

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

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

6. Building and Site Security and Procedures

The goal here is to ensure you answer yes to each of the questions. If you are unable to answer yes, action will be required to fix the issue. Contact the CTDA if you require assistance.

- | | 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

Contact your local fire department to obtain this information.

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>28M</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> |

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) Donald Osborne	Official Title General Manager	
Signature 	Telephone No. 807-475-4235 Ext 148	Date (dd-mm-yyyy) 05/11/2011



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 page is left blank and submitted to the local fire services for their review when the RSMP is complete.

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:

ONTARIO'S PROPANE REGULATIONS REQUIRE THAT EMERGENCY TRAINING BE CONDUCTED. SITE - SPECIFIC TRAINING FOR CERTIFICATE HOLDERS AND PERSONS WITH A RECORD OF TRAINING (ROT) MUST BE PROVIDED AND THE OPERATOR MUST KEEP A RECORD OF THE PERSONS WHO WERE TRAINED (SECTION B3)

To be completed by the Licence Holder

In response to the above comments, the following action(s) is required:

WITH THIS RSMP APPROVED, TRAINING IN ITS DETAIL WILL BE COMPLETED THE WEEK OF JAN. 9th, 2012 & WILL CONTINUE WITH ALL NEW EMPLOYEES

The licence holder will respond to the Local Fire Services comments by: 18/01/2012

(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>TERRY HANCOCK</i>	<i>Terry Hancock</i>	<i>2/12/2011</i>

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) <i>DONALD OSBORNE</i>	Official Title <i>GENERAL MANAGER</i>
Signature <i>[Signature]</i>	Telephone No. <i>1-807-475-4235 EXT 148</i> Date (dd-mm-yyyy) <i>06/12/2011E</i>



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

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

Facility Site Plan. Insert the following items onto your site plan. You can use the attached as a guide.

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) 18-01-2007	Capacity of single largest propane storage vessel (USWG) 2000
Tank setback coordinates. Indicate placement on the map.	
Front: 80 meters _____	Right side property line: 5 meters _____
Rear: 30 meters _____	Left side property line: 195 meters _____
GPS coordinates of single largest vessel:	48.382, -89.3118 _____

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) Donald Osborne	Official Title General Manager
Signature 	Telephone No. 807-475-4235 Ext 148
	Date (dd-mm-yyyy) 05/11/2011



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

No information needed on this page.

SECTION C: SUBMISSIONS (cont'd)

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

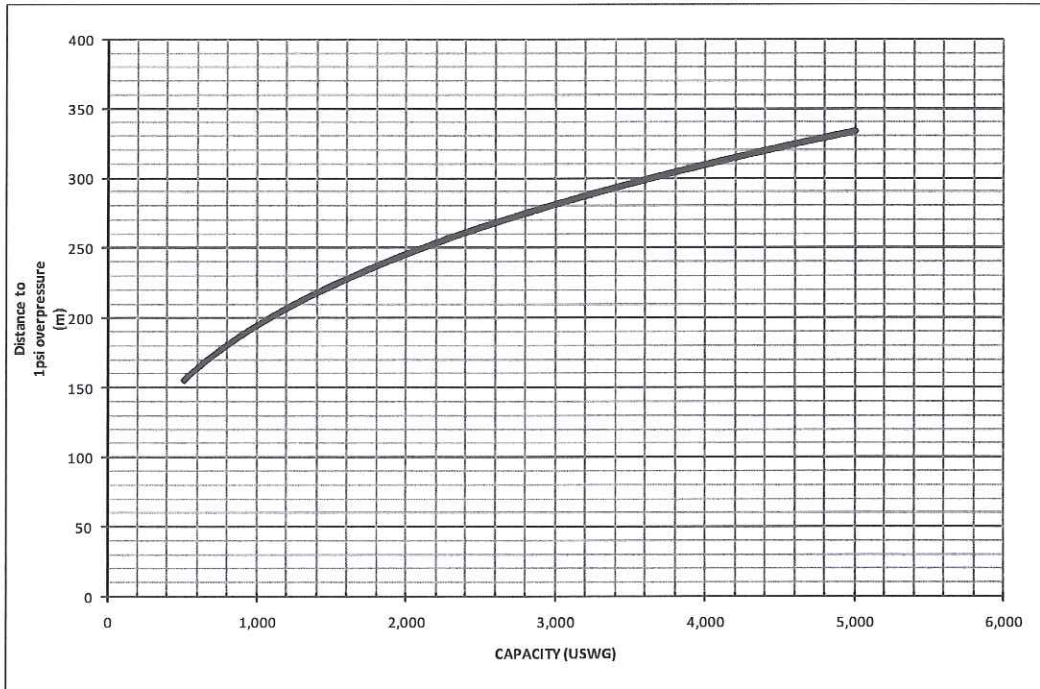
Table 1: Distance Table

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) Donald Osborne	Official Title General Manager
Signature 	Telephone No. 807-475-4235 Ext 148
	Date (dd-mm-yyyy) 05/11/2011



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

Name the closest building of each type within the circle from the aerial map and the total number of buildings within the circle for each section.

SECTION C: SUBMISSIONS (cont.)

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: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [REDACTED]				X	135 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>The Athletic Club</u> Address: <u>1225 Arthur Street West</u> City: <u>Thunder Bay</u> Province <u>Ontario</u> Postal Code <u>P7E 6B2</u>			X		60 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) Donald Osborne	Official Title General Manager
Signature 	Telephone No. 807-475-4235
	Date (dd-mm-yyyy) 05/11/2011



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

Portable Storage Additional Information Sheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 55.5	75		
# 30	8.8		
# 20	5.8	12	69.6
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			

List total capacity that is at your store. Note: One propane cylinder exchange cage holds 140 Gallons.

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	
Total Tank Capacity	2000
Total Portable Capacity	69.6

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) Donald Osborne	Official Title General Manager
Signature 	Telephone No. 807-475-4235 Ext 148
	Date (dd-mm-yyyy) 05/11/2011

OF PAD ROOM
 TRANSFORMER
 SEE NOTE #3,4 & 6

SEE NOTE 11

6" CONCRETE FILLED
 STEEL BOLLARD. NUMBERS
 OF BOLLARDS AS REQUIRED

"B"

"L1"

C-23

RWU90+1#8 GND
 38mm RIGID PVC TO LP "C"

PROPERTY LINE

OUTLET FOR PROPANE STATION
 T-59/61/63
 (CONNECTION TO BE SUIT CODE
 REQUIREMENTS)
 REFER TO DETAIL ON THIS DRAWING
 SEE NOTE 13

EXPLOSION PROOF/WEATHERPROOF
 BELL PUSH ON BOLLARD
 T-69

1x25mmC TO BELL AT
 SERVICE COUNTER

COMPACTOR

METER CABINET

MAIN SWITCHBOARD "M6A"

4#8 RWU 90 + 1#8 RWU 90 GND
 IN 38mm RIGID PVC TO LP "B"

122

LP "B"

ENT

2#8RWU 90 + 1#8 GND
 IN 38mm CONDUIT

B-32

FUTURE PYLON SIGN
 CCT. #B-21,23,25
 REFER TO ARCH.
 FOR MOUNTING
 DETAILS

"L3"

B-32

"C"

APPENDIX

- #1 Propane Tank & Filling Station
- #2 Fire Hydrants (2 on sight)
- #3 Double Fire Hose Hook Up
- #4 Waste Oil Tank (5000L Capacity)
- #5 Bulk Oil Storage (1135L Capacity)
- #6 Spare Oxygen/ Nitrogen Tanks
- #7 Natural Gas Line to Building
- #8 Filled 20# Propane Tanks (Max. 12)
- #9 Power shut Off to Propane Station
- Fire Extinguisher
- X Fire Alarm Pull Station

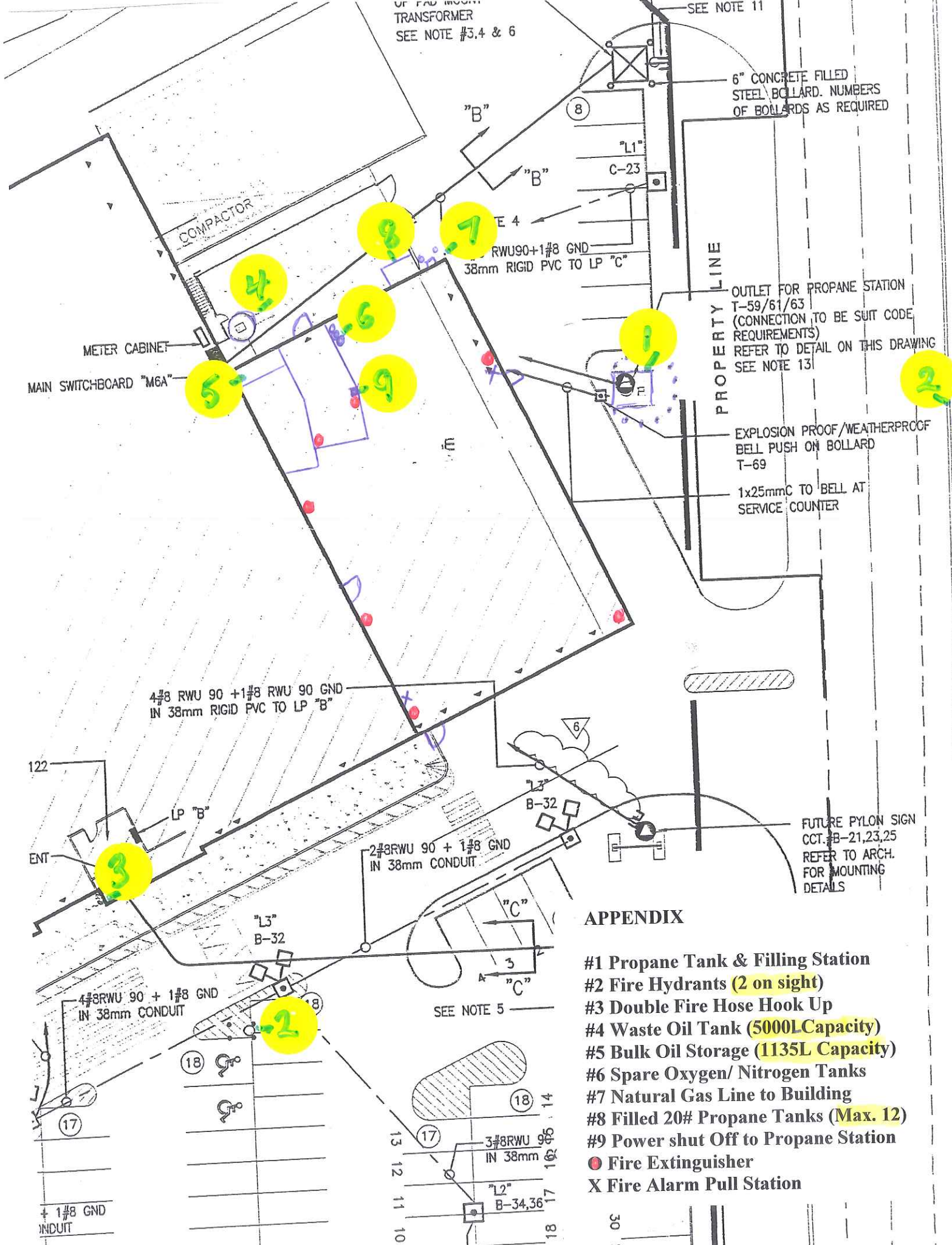
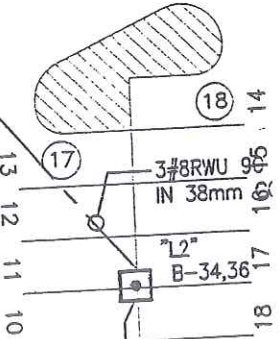
SEE NOTE 5

4#8RWU 90 + 1#8 GND
 IN 38mm CONDUIT

3#8RWU 90
 IN 38mm

"L2"
 B-34,36

+ 1#8 GND
 IN CONDUIT

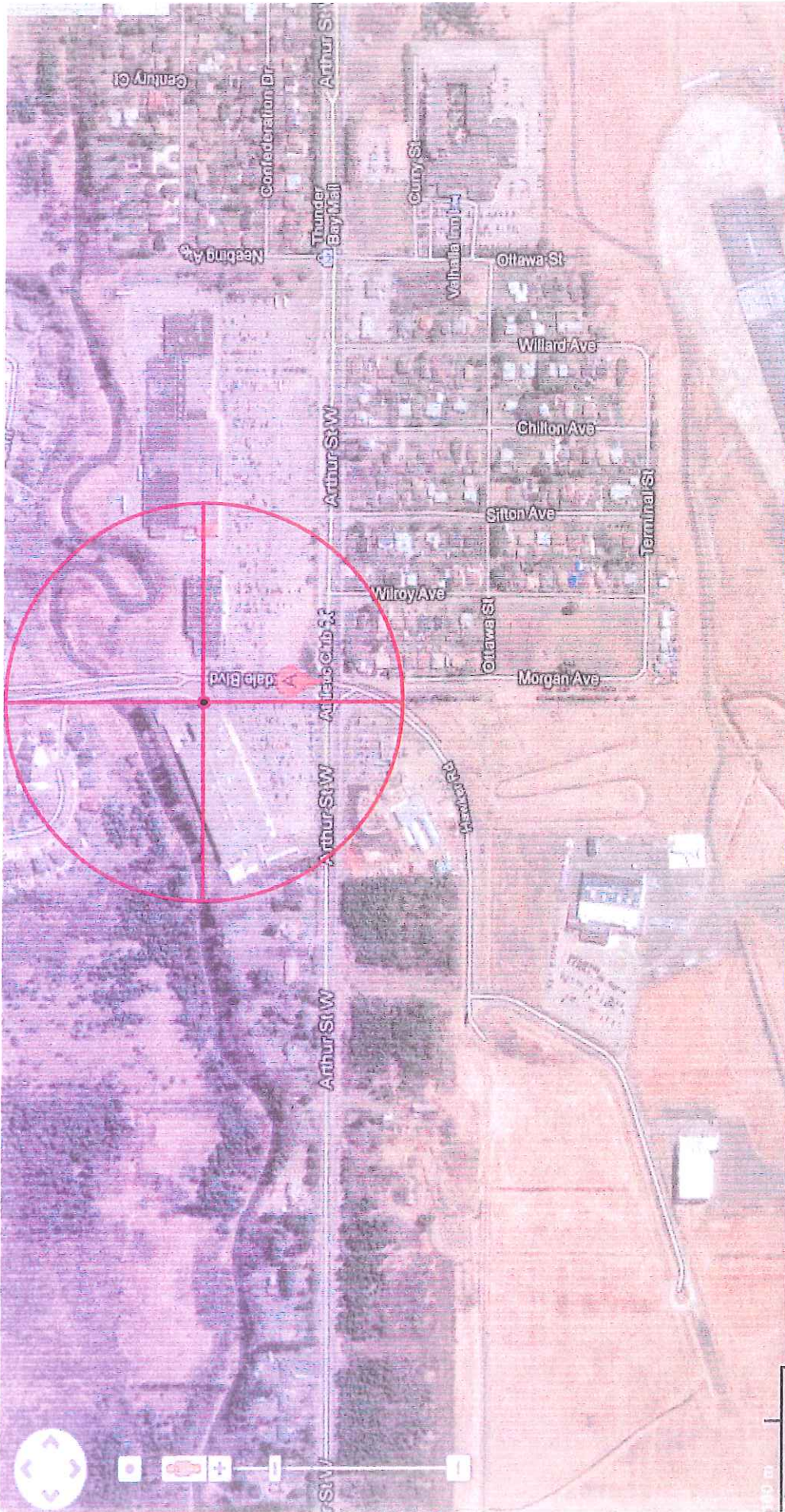




Location of Propane Storage Tank:
 Demarcated by ● in centre of circle.
 Capacity of Propane Storage Tank = 2000 USWG
 GPS Coordinates of Propane Storage Tank:
 GPS Co-ordinates =
 Circular Distance to 1 psi overpressure:
 Denoted by circle centred on tank radial distance = 246 m

Note: Property Lines a setbacks shown on site plan.
 Municipality (ies): within the 1 psi overpressure circle:
 Thunder Bay
 Municipal Contact:

Map of Surrounding Area
 Canadian Tire - 1221 Arthur Street West Thunder Bay
 PT LT CON 12 4 NKR NEEBING AS IN TBR405392; S/
 T TBR425351; THUNDER BAY



Map of Surrounding Area

Canadian Tire - 1221 Arthur Street West Thunder Bay
 PT LT CON 12 4 NKR NEEBING AS IN TBR405392; S/
 T TBR425351; THUNDER BAY

←CREATED JAN 27, 2005

Note: Property Lines a setbacks shown on site plan.

Municipality (ies): within the 1 psi overpressure circle:
 Thunder Bay

Municipal Contact:
 JOAN HANNAM, CITY CLERK
 500 DONALD ST. E. P.O. BOX 800
 THUNDER BAY, ON P7C 5K4
 PH: 807-625-2038
 FAX: 807-623-5468

Location of Propane Storage Tank:
 Demarcated by ● in centre of circle.

Capacity of Propane Storage Tank:
 Capacity of Propane Storage Tank = 2000 USWG

GPS Coordinates of Propane Storage Tank:
 GPS Co-ordinates = 48° 22.923N, 89° 18.713 W

Circular Distance to 1 psi overpressure:
 Denoted by circle centred on tank radial distance = 246 m

