



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.

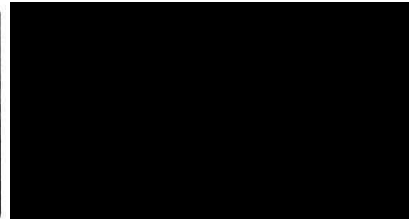
Failure to fully complete this form may result in rejection.
 Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*

Licence Number 000076638211

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 Eric Contractors of Wallaceburg Limited Ontario Corporation No., if applicable _____

A Operator Name (if different from above) _____

Telephone No. 519-627-6031 Fax No. 519-627-0101 E-mail info@elriccontractors.com

B Street No. 1436 Street Name / 911 Number / Address, if applicable Dufferin Ave.

Town / City or Township / County Wallaceburg Province Ontario Postal Code N8A 2W5

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

Location of facility.

D Street No. 1436 Dufferin Ave. Street Name / 911 Number / Address, if applicable 1436 Dufferin Ave. Nearest Major Intersection Dufferin Ave. & Arnold St.

Town / City or Township / County Wallaceburg Province Ontario Postal Code N8A 2W5

Name of Licence Holder Eric Contractors of Wallaceburg Limited

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

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

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>Eric Contractors of Wallaceburg Limited</u>		<u>01/06/2011</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Andy Burton</u>		<u>13/01/2011</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Indicate the year the facility was established.
2003

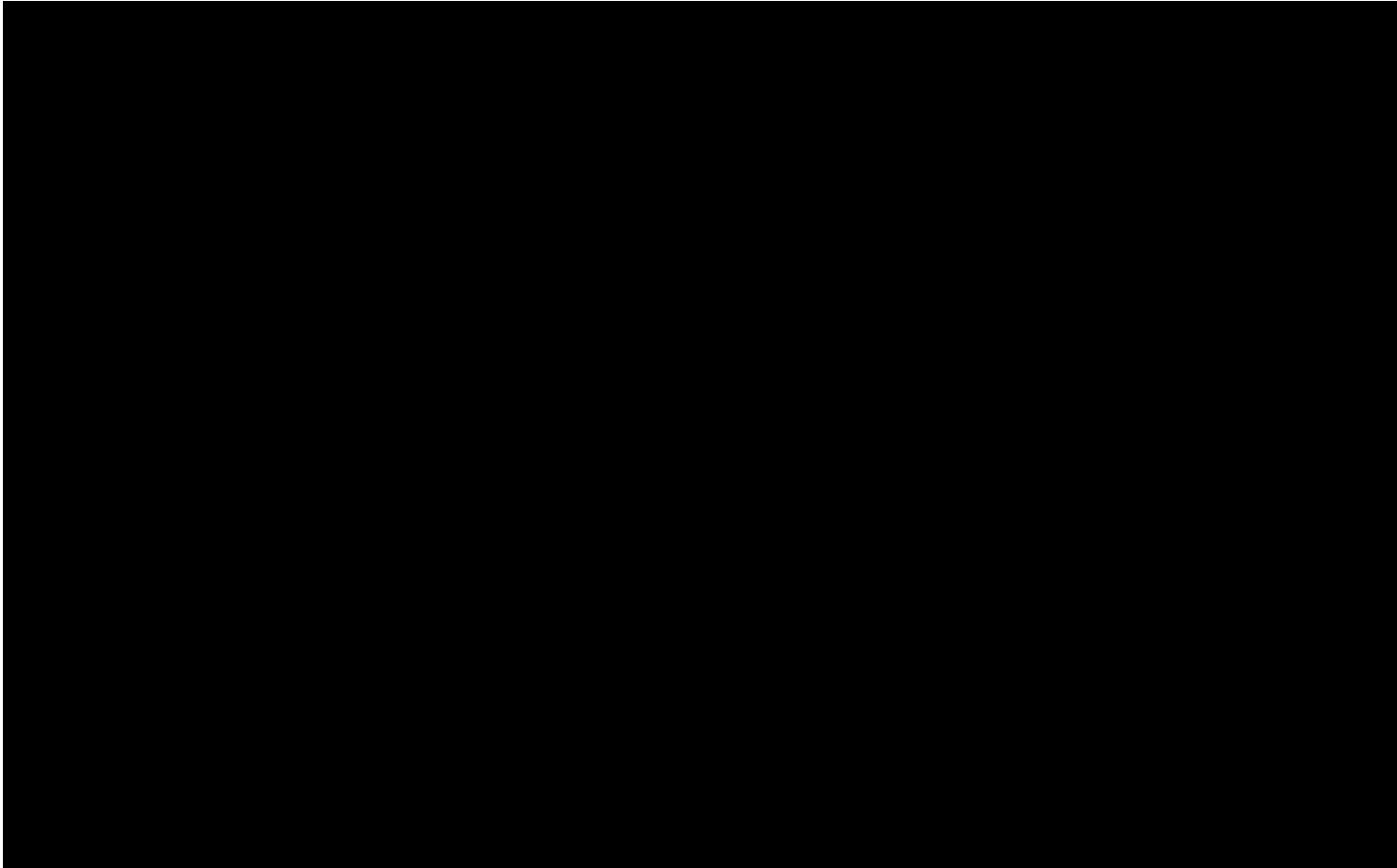
Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
None

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

	PSIG	Serial Number
Tank1:	250	288
Tank2:		
Tank3:		

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 - 500 Portable: 3 - 29.5, 3 - 11.75, 2 - 8.8 Mobile: NA
141.35 USWG



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Name of person completing this form (please print) Jim Pollard	Official Title Secretary/Treasurer
Signature <i>Jim Pollard</i>	Telephone No. 519-627-6031
	Date (dd-mm-yyyy) 01-06-2011



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) Aabco Propane Inc.		For Office Use - Party No.	
Street No. 5475	Street Name / 911 Number / Address, if applicable DiCocco Court		
Town / City or Township / Country Oldcastle		Province Ontario	Postal Code NOR 1L0
Telephone No. 877-770-7263	Fax No. 519-737-9137	Contact Name Andy Burton	
E-mail			

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

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

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

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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.

NA

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

Fire Hydrant on Dufferin Ave, Fire Extinguisher at filling station and in office

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.

Automatic shut off located on shed at filling station to shut off power to the filling station

Fusible link located on cable to tank to stop the flow of propane from the tank

Maintenance and testing schedule for fire protection controls and devices.

Maintenance is completed by the propane supplier for the items directly attached to the tank, fire extinguishers are inspected annually, the automatic shut off is checked monthly

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

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact

Name David Pollard	For Office Use - Party No.
Official Title President	
Telephone No. 519-627-6031	Fax No. 519-627-0101
E-mail info@elriccontractors.com	
Role and responsibilities in emergency Key Contact for Emergency Response Team	

5. Facility 24-Hour Contact Person

Name David Pollard	For Office Use - Party No.
Official Title President	
Cell No. 519-359-2850	Fax No. 519-627-0101
E-mail info@elriccontractors.com	
Role and responsibilities in emergency	

2. Facility Contact Personnel - Alternate Contact

Name Jim Pollard	For Office Use - Party No.
Official Title Secretary/Treasurer	
Telephone No. 519-627-6031	Fax No. 519-627-0101
E-mail info@elriccontractors.com	
Role and responsibilities in emergency Alternate Contact for Emergency Response Team	

6. Name of Facility Manager

Name Jim Pollard	For Office Use - Party No.
Official Title Secretary/Treasurer	
Telephone No. 519-627-6031	Fax No. 519-627-0101
E-mail info@elriccontractors.com	
Role and responsibilities in emergency	

3. Local Fire Services - Key Contact

Name Robert Crawford	For Office Use - Party No.
Official Title Fire Chief	E-mail bobc@chatham-kent.ca
Telephone No. 519-352-8401	Fax No. 519-352-8620
Role and responsibilities in emergency Fire Chief	
Fire Services Address 5 Second Street, Chatham, Ontario, N7M 5X2	

7. Propane Supplier Key Contact Person

Name Andy Burton	For Office Use - Party No.
Official Title President	E-mail
Telephone No. 877-770-7263	Fax No. 519-737-9137
Role and responsibilities in emergency Owner/Supplier of propane and related equipment	
Propane Supplier Address	

4. Local Fire Services - Alternate Contact

Name Ray Stone	For Office Use - Party No.
Official Title Assistant Chief	E-mail rays@chatham-kent.ca
Telephone No. 519-352-8401	Fax No. 519-352-8620
Role and responsibilities in emergency Alternate Contact to Fire Dept.	
Fire Services Address 5 Second Street, Chatham, Ontario, N7M 5X2	

8. Municipal Contact

Name Judy Smith	
Official Title Clerk	
Telephone No. 519-352-8401	Fax No. 519-436-3237
E-mail judy.smith@chatham-kent.ca	
Municipality Name and Address 315 King Street, Chatham, Ontario, N7M 5K8	

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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.

None Present

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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) August 9, 2011	Print Name of Training Provider: Elric Contractors of Wallaceburg Ltd.
	Print Name of Instructor: Jim Pollard
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) August 9, 2011	Print Name of Training Provider: Elric Contractors of Wallaceburg Ltd.
	Print Name of Instructor: Jim Pollard
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) January 13, 2011	Print Name of Training Provider: Propane Training Institute
	Print Name of Instructor: Andy Burton
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Name of person completing this form (please print) Jim Pollard	Official Title Secretary/Treasurer
Signature 	Telephone No. 519-627-6031
	Date (dd-mm-yyyy) 12/09/2011



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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) 01/2011 ²	Print Name of Training Provider: Elric Contractors of Wallaceburg Ltd
	Print Name of Instructor: Jim Pollard
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) 01/2011 ²	Print Name of Training Provider: Elric Contractors of Wallaceburg Ltd.
	Print Name of Instructor: Jim Pollard
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) 01/2011 ²	Print Name of Training Provider: Propane Training Institute
	Print Name of Instructor: Any Burton
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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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).
Elric staff will notify main office and local fire department if necessary. Elric staff will notify local radio station and neighboring properties if necessary.

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).

Elric staff will notify occupants in surrounding buildings in person if necessary. Meeting place to be at Home Hardware 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).

When - As soon as an uncontrolled release of propane is detected

How - By office phone or cell phone

Confirmation - Main Elric Contractors contact to notify alternate contact or visa-versa

Describe provisions for fire department entry when there are no operations or staffing at the propane site.

Filling Station area is open and accessible

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

Our office will forward any changes to TSSA and local Fire Dept. regarding any revisions to this plan

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

30 - 45 mins.

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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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>
3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)	90m	
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)	NA	

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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:

Review attached documents

To be completed by the Licence Holder

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

- updated Municipal & Fire Dept. contact information
- updated labels on maps, including Google Earth Plan
- included photos as requested

The licence holder will respond to the Local Fire Services comments by: 30/06/2011

(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 R. Stone		May 16/11

REFER TO ATTACHED LETTER DATED MAY 18/11

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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) 31/05/2011	Capacity of single largest propane storage vessel (USWG) 500
Tank setback coordinates. Indicate placement on the map.	
Front: <u>74m</u>	Right side property line: <u>46m</u>
Rear: <u>35m</u>	Left side property line: <u>131m</u>
GPS coordinates of single largest vessel: <u>42d 35' 37.85"N, 82d 23' 59.15"W</u>	

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SECTION C: SUBMISSIONS (cont'd)

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

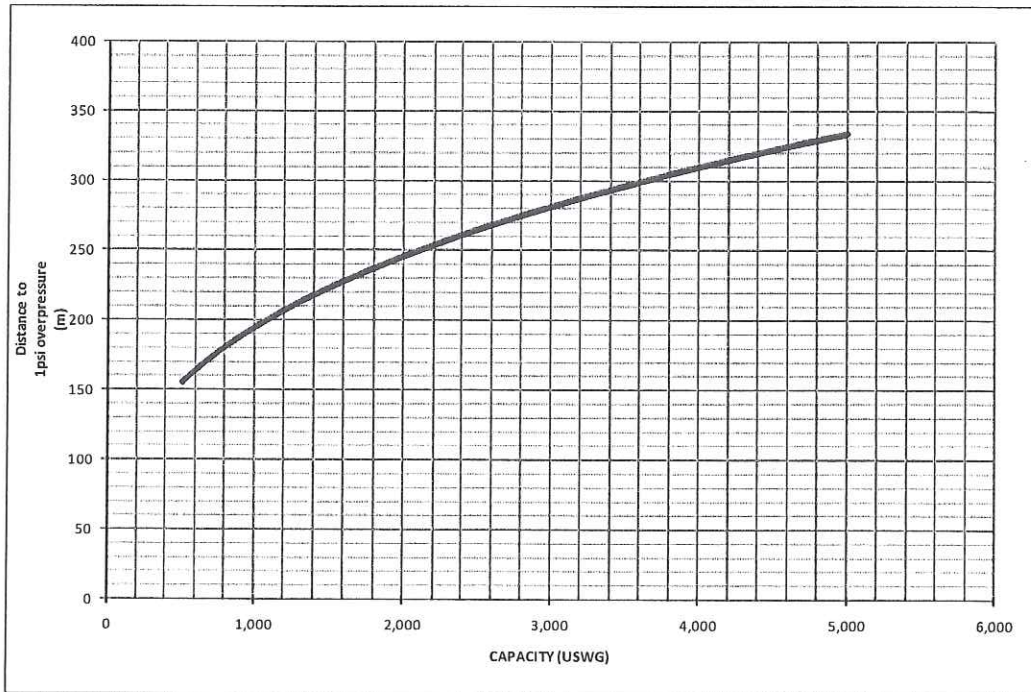
Table 1: Distance Table

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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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: _____ Address: _____ City: _____ Province _____ Postal Code _____	x				_____ m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [REDACTED]				x	49 _____ m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: Vacant Address: 1430 Dufferin Ave. City: Wallaceburg Province Ontario Postal Code N8A 2W5			x		50 _____ m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: Sam's Hotel Address: 1531 Dufferin Ave. City: Wallaceburg Province Ontario Postal Code N8A 2W8		x			139 _____ 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".

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Toronto Ontario M8X 2X4
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Customer Service: 1.877.682.8772

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

WORKSHEET

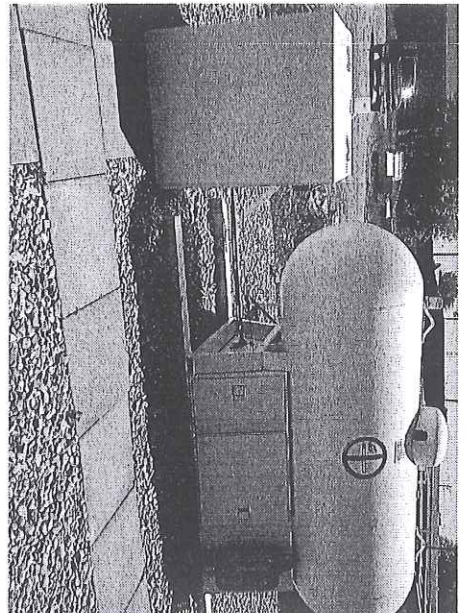
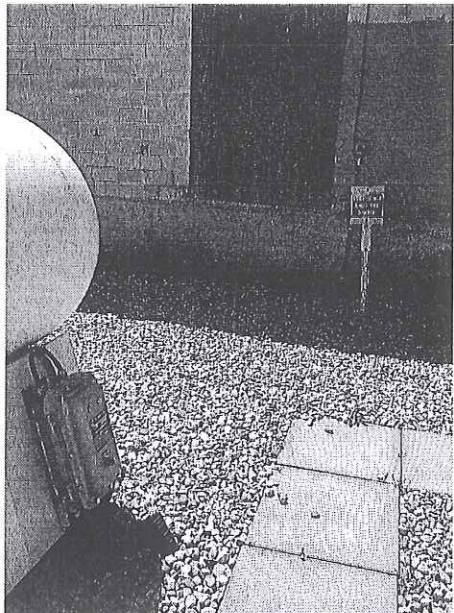
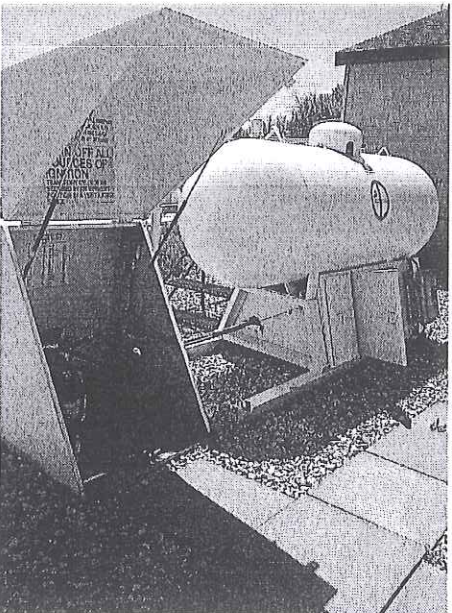
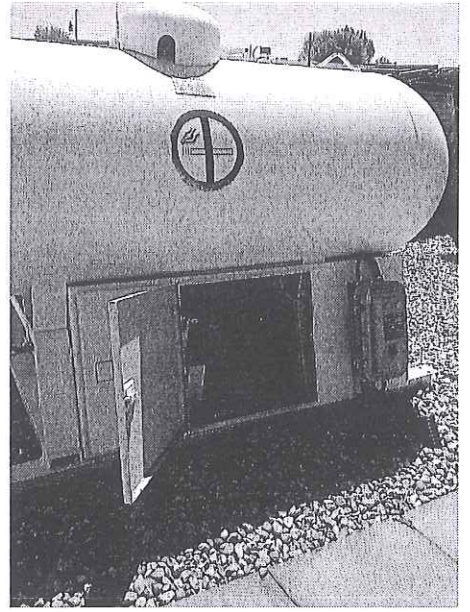
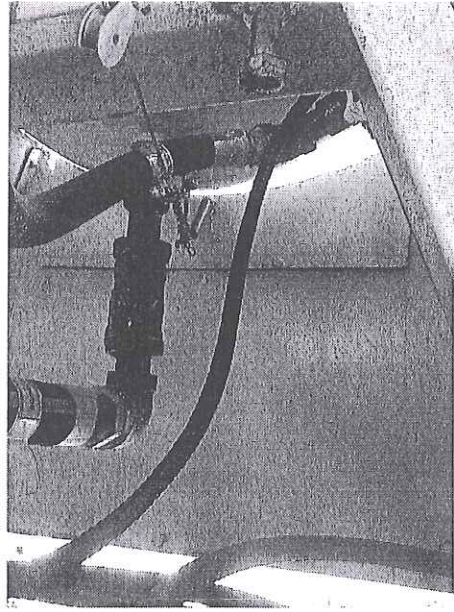
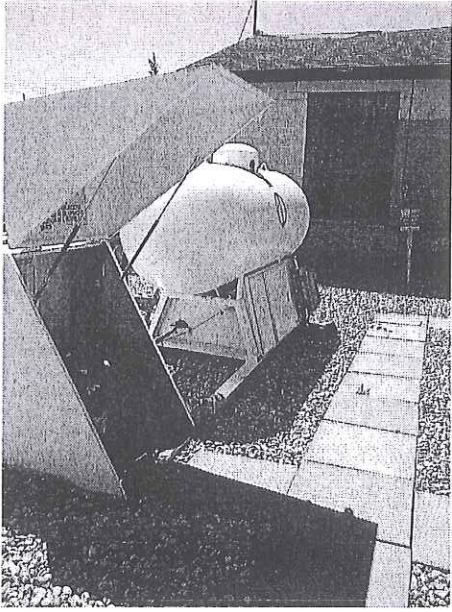
Portable Storage Additional Information Worksheet

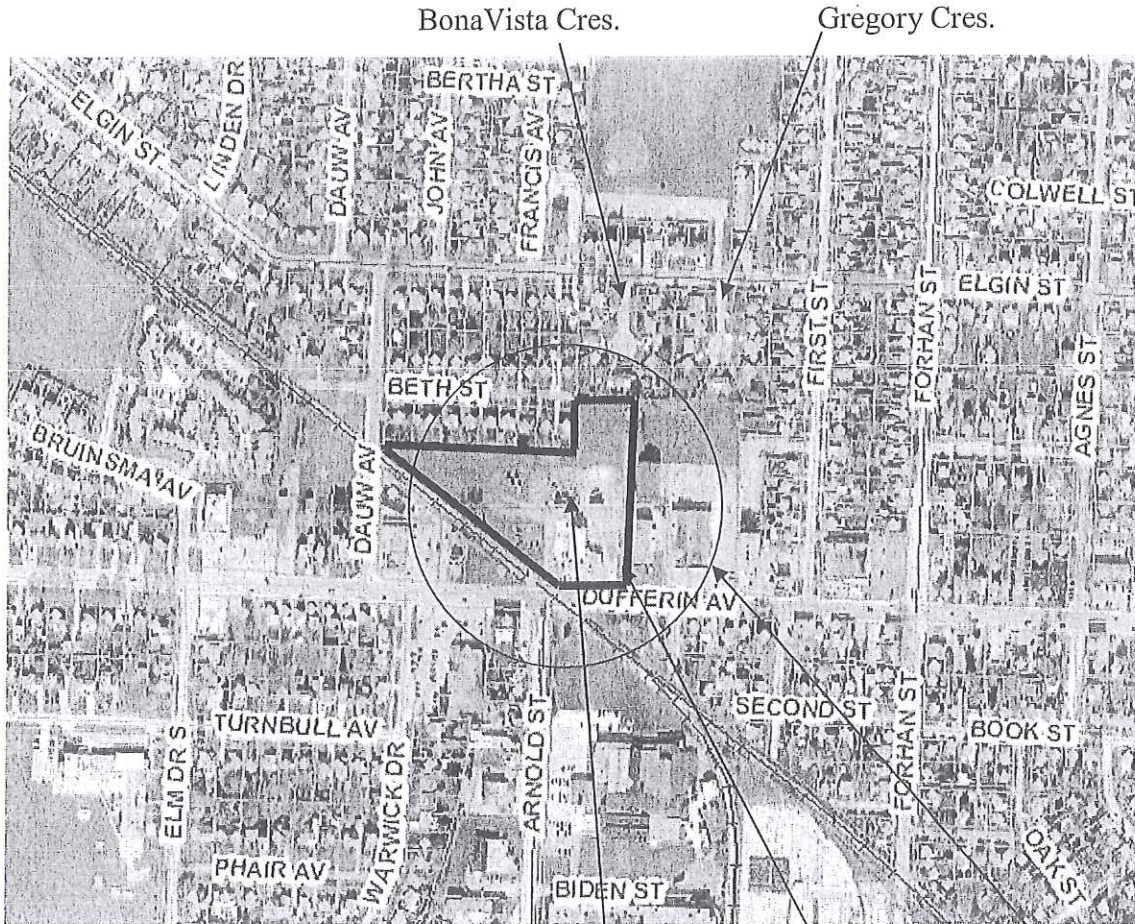
Cylinder Size	Capacity In USWG	Quantity	Total Volume In USWG
# 420	123.9		
# 100	29.5	3	88.5
# 40	11.75	3	35.25
# 33.3	9.62		
# 30	8.8	2	17.6
# 20	5.8		
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity 141.35 USWG			

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	141.35 USWG
Total Tank Capacity	500 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	641.35 USWG





Location: 1436 Dufferin Ave., Wallaceburg
Prepared: September 12, 2011

500USWG
Horizontal Tank

Property Line

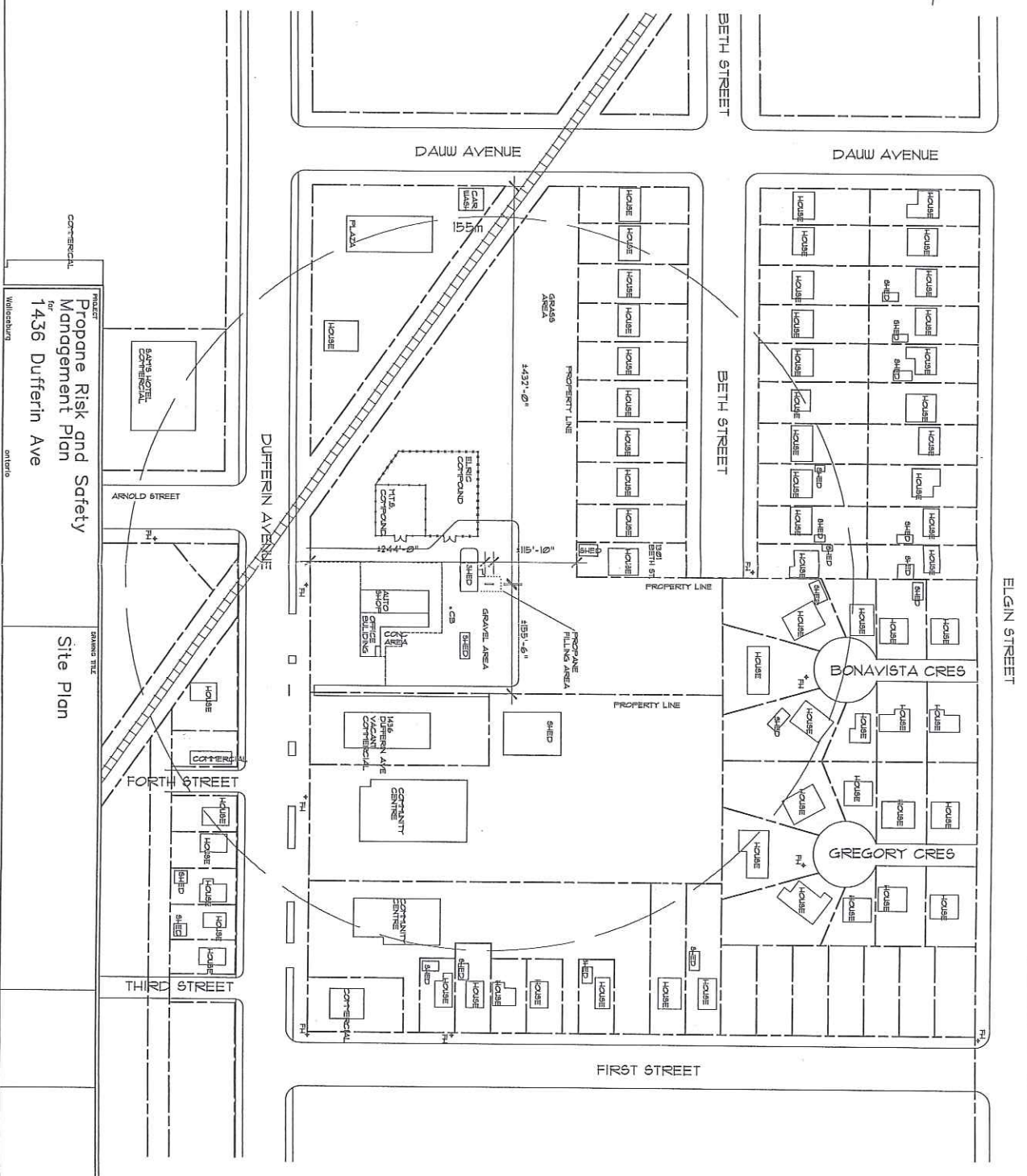
Radius=155m

Tank Setbacks: 35m north, 46m east, 74m south, 131m west

GPS Coordinates 42deg. 35' 37.85"N 82deg 23' 59.15"W

Municipality of Chatham-Kent (Wallaceburg)

City Clerk: Judy Smith, 315 King Street, Chatham, Ontario, N7M 5K8



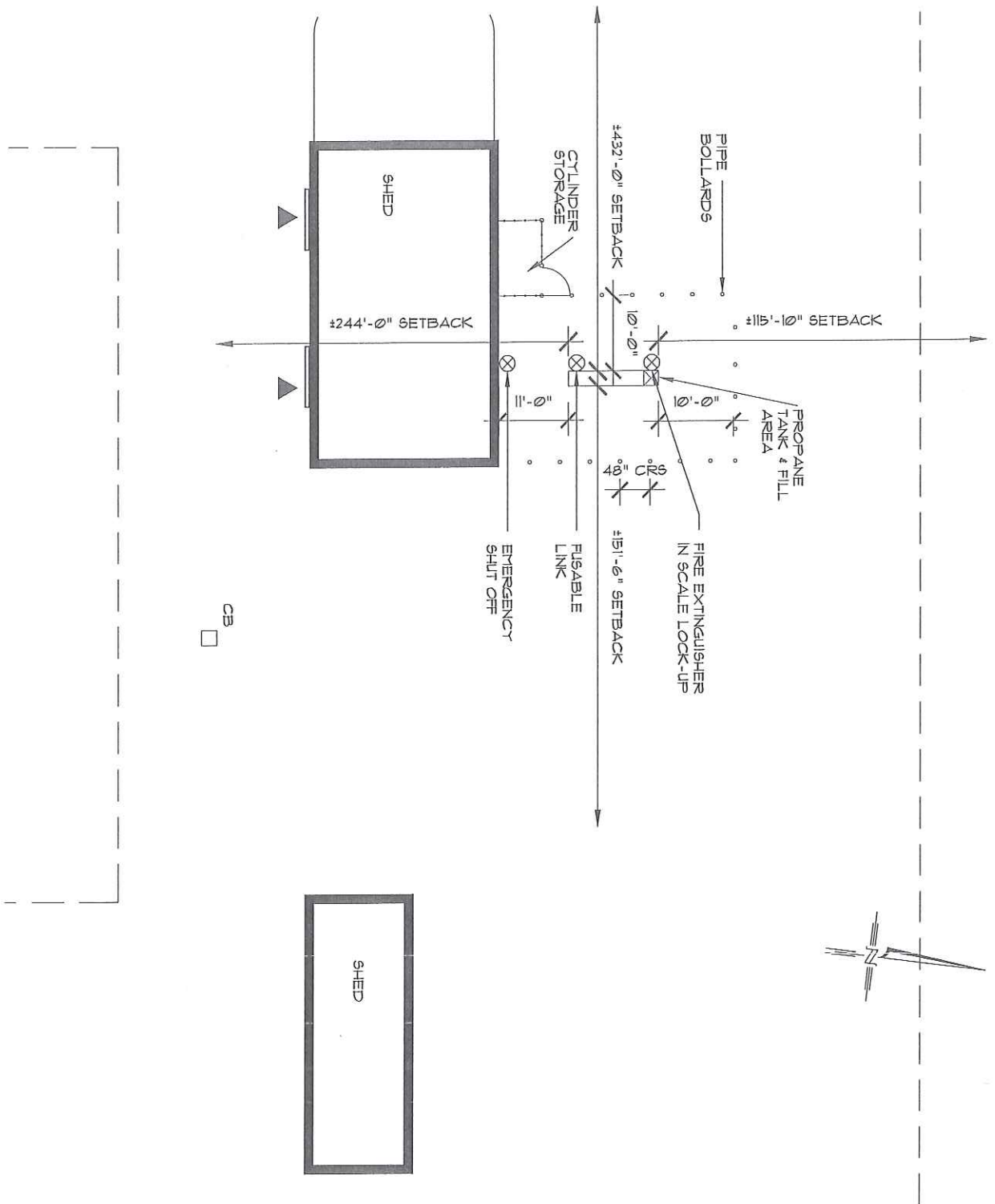
PROJECT
Propane Risk and Safety Management Plan
 for
1436 Dufferin Ave
 Waukesha, ONTARIO

Site Plan

DATE	REVISION
SCALE	NTS
DRAWN	MM
CHECK	APR 2011
R. I. POLLARD ARCHITECT & ENGINEER	
ELDON ENGINEERING WALKERLAND LIMITED 1000 WALKERLAND AVENUE WILLOWDALE, ONTARIO M2H 1L9	
SHEET NO. A-1	

PROJECT
**Propane Tank
 Facility Site Plan**
 for
1436 Dufferin Ave
 Wallaceburg Ontario

DRAWING TITLE
**Existing
 Site Plan**



CB



- GENERAL NOTES
1. GPS COORDINATES:
 42°35'31.85"N
 82°23'59.15"W
 2. CAPACITY OF LARGEST VESSEL:
 500 USUG.
 3. ADDITIONAL FIRE EXTINGUISHERS
 ARE LOCATED IN MAIN OFFICE ON
 PROPERTY.

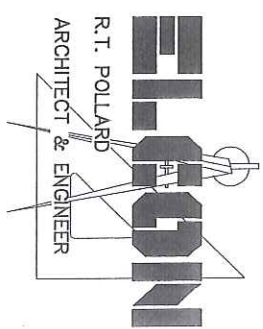
CONTACT INFORMATION

MUNICIPAL CONTACT:
 JUDY SMITH, CLERK
 MUNICIPALITY OF CHATHAM-KENT
 519-352-8401 (P)
 519-436-3231 (F)
 judysmith@chatham-kent.ca

LOCAL FIRE SERVICES:
 ROBERT CRAUFORD, FIRE CHIEF
 CHATHAM-KENT FIRE
 DEPARTMENT
 519-352-8401 (P)
 519-352-8620 (F)
 bob@chatham-kent.ca

PROPANE SUPPLIER:
 ANDY BURTON, PRESIDENT
 AABCO PROPANE
 1-877-110-1263 (P)
 1-519-131-9131 (F)

DATE	REVISIONS



ELSON ENGINEERING WALLACEBURG LIMITED

SCALE: N.T.S.
 DRAWN: M-M
 DATE: MAY 2011
 DRAWING NO: A-2