



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 000220751

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.

A Company Name BNG PETROLEUMS LTD Ontario Corporation No., if applicable

Operator Name (if different from above)

Telephone No. 905-488-0277 Fax No. 519-942-2917 E-mail BBHANGU@ROGERS.COM

B Street No. 17 Street Name / 911 Number / Address, if applicable TOWN LINE

Town / City or Township / County ORNAGEVILLE Province ONTARIO Postal Code L9W 3R4

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. 17 Street Name / 911 Number / Address, if applicable TOWN LINE Nearest Major Intersection BROADWAY & TOWN LINE

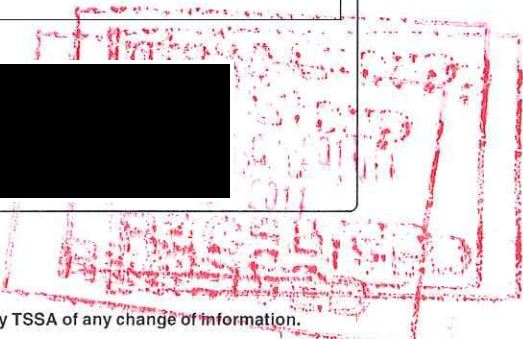
Town / City or Township / County ORANGEVILLE Province ON Postal Code L9W 3R4

Name of Licence Holder BALWANT BHANGU

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). BALWANT BHANGU ROT type 100-01

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

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.

Name of Licence Holder <u>BALWANT BHANGU</u>	Print name	Signature <u>BHANGU</u>	Date (dd-mm-yyyy) <u>Dec 20/2011</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>BALWANT BHANGU</u>			



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SECTION A: GENERAL INFORMATION (cont'd)

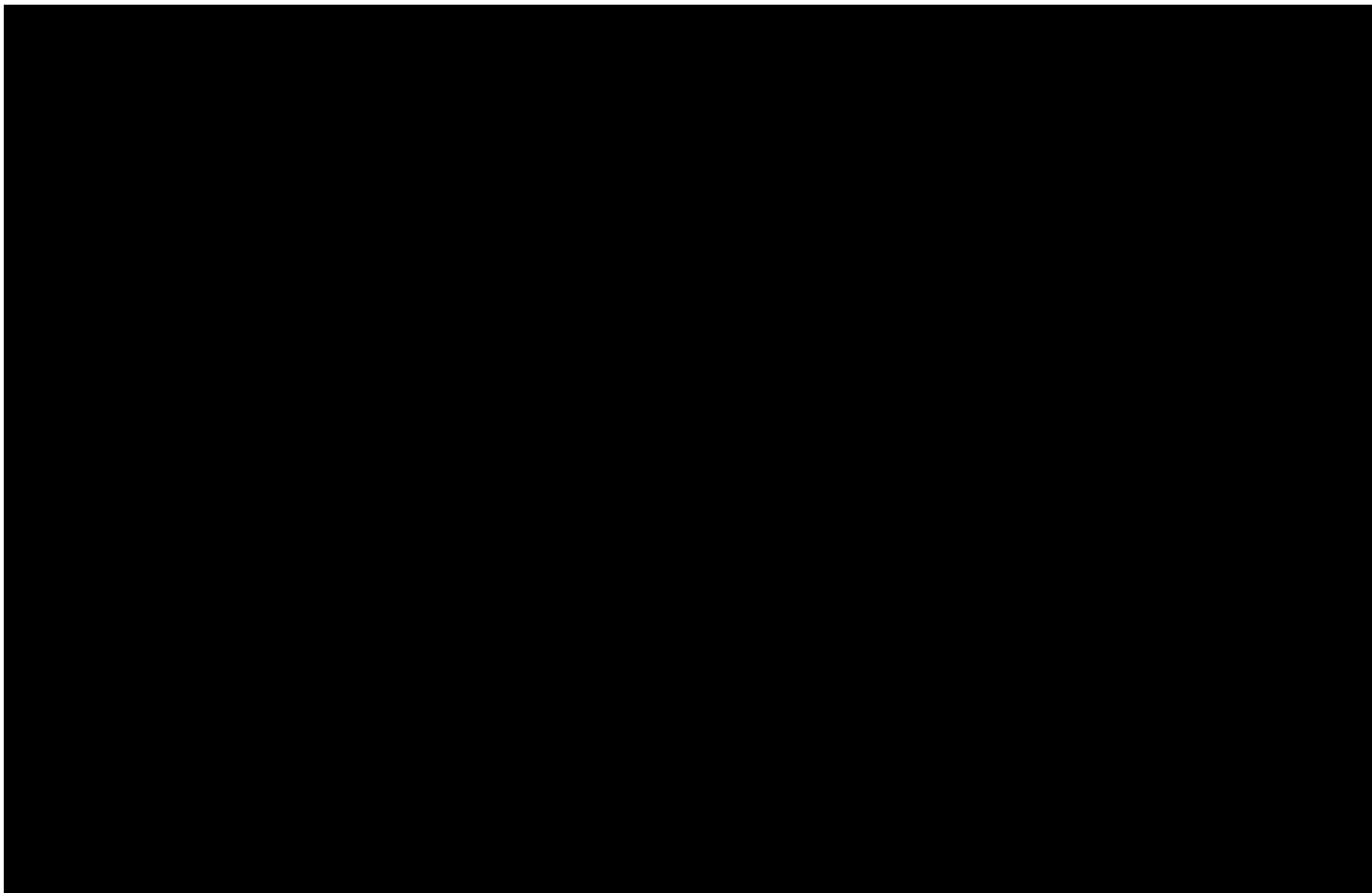
Indicate the year the facility was established. _____ Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. _____

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

	PSIG	Serial Number
Tank 1:	250	68-99
Tank 2:	_____	_____
Tank 3:	_____	_____

Enter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for each type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.

Fixed: 2000 Portable: 139.2 USWG Mobile: _____



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Name of person completing this form (please print) BALWANT BHANGU		Official Title MANAGER OF OPERATIONS
Signature 		Date (dd-mm-yyyy) Dec 10 / 2013
		Telephone No. 905-488-0277



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) CALEDON PROPANE INC.			
Street No. 1	Street Name / 911 Number / Address, if applicable BETOMAT COURT		
Town / City or Township / Country BOLTON		Province ON	Postal Code L7E 5T3
Telephone No. 905-857-1448	Fax No. 905-857-8491	Contact Name HUGH SUTHERLAND JR.	
E-mail HUGHJR@CALEDONPROPANE.COM			

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		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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Name of person completing this form (please print) BALWANT BHANGU		Official Title OWNER	
Signature 	Telephone No. 905-488-0277	Date (dd-mm-yyyy) Dec 10/2013	



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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.

50,000 LITRE REG GASOLINE TANK

25,000 LITRE REG GASOLINE TANK

25,000 LITRE PREMIUM GASOLINE TANK

25,000 LITRE DIESEL TANK

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

5 X FIRE EXTINGUISHERS

5 X NO SMOKING SIGNS

2 X EMERGENCY SHUT OFFS

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.

FUSIBLE LINK ON PULL CHAIN. IF PROPANE TRANSFER SYSTEM IS EXPOSED TO FIRE, THE LINK WILL MELT AND THE TANK VALVE WILL AUTOMATICALLY CLOSE.

EXCESS FLOW VALVE WILL AUTOMATICALLY CLOSE IF PROPANE FLOW EXCEEDS MAXIMUM FLOW RATE OF 50 GALLONS/MINUTE

Maintenance and testing schedule for fire protection controls and devices.

-PRE-USE INSPECTIONS - MONTHLY INSPECTIONS OF FIRE EXTINGUISHERS BY OWNER

-ANNUAL 3RD PARTY FOR FIRE EXTINGUISHERS

-REGULAR INSPECTIONS OF SCALES

-ANNUAL INSPECTION OF TANK

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Signature 	Telephone No. 905-488-0277	Date (dd-mm-yyyy) DEC 10 2013



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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 BALWANT BHANGU	For Office Use - Party No.	Name BALWANT BHANGU	For Office Use - Party No.
Official Title OWNER		Official Title OWNER	
Telephone No. 647-680-7335	Fax No.	Cell No. 647-680-7335	Fax No.
E-mail BBHANGU@ROGERS.COM		E-mail BBHANGU@ROGERS.COM	
Role and responsibilities in emergency FIRST RESPONDER. SEE SUPERVISOR RESPONSIBILITIES IN SCHEDULE "1" FOR COMPLETE LIST		Role and responsibilities in emergency FIRST RESPONDER. SEE SUPERVISOR RESPONSIBILITIES IN SCHEDULE "1" FOR COMPLETE LIST	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name ROBIL BARJATIA	For Office Use - Party No.	Name BALWANT BHANGU	For Office Use - Party No.
Official Title JUNIOR MANAGER		Official Title OWNER	
Telephone No. 647-527-5342	Fax No.	Telephone No. 647-688-7335	Fax No.
E-mail ROBILBARJATIA@HOTMAIL.COM		E-mail BBHANGU@ROGERS.COM	
Role and responsibilities in emergency SECOND RESPONDER WHEN SUPERVISOR IS NOT AVAILABLE		Role and responsibilities in emergency FIRST RESPONDER. SEE SUPERVISOR RESPONSIBILITIES IN SCHEDULE "1" FOR COMPLETE LIST	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name ANDY MACINTOSH	For Office Use - Party No.	Name HUGH SUTHERLAND JR.	For Office Use - Party No.
Official Title FIRE CHIEF	E-mail amacintosh@orangeville.ca	Official Title VICE-PRESIDENT	E-mail HUGHJR@CALEDONPROPANE.COM
Telephone No. 519-941-3083 EX.6522	Fax No. 519-941-9569	Telephone No. 905-857-1448	Fax No. 905-857-8491
Role and responsibilities in emergency COORDINATE EMERGENCY RESPONSE		Role and responsibilities in emergency PROCEED TO SITE IF REQUIRED - ACTIVATE IF ERAP IS REQUIRED	
Fire Services Address THE TOWN OF ORANGEVILLE 10 Dawson Rd, Orangeville, ON L9W 2W2		Propane Supplier Address 1 BETOMAT COURT, BOLTON, ON L7E 5T3	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name RONALD MORDEN	For Office Use - Party No.	Name CHERYL JOHNS	For Office Use - Party No.
Official Title DEPUTY FIRE CHIEF	E-mail rmorden@orangeville.ca	Official Title CLERK	
Telephone No. 519-941-3083 EX 6525	Fax No. 519-941-9569	Telephone No. 519-941-0440 EX 2242	Fax No. 519-941-9569
Role and responsibilities in emergency COORDINATE EMERGENCY RESPONSE IF FIRE CHIEF IN NOT AVAILABLE.		E-mail C.JOHNS@ORNAGEVILLE.CA	
Fire Services Address THE TOWN OF ORANGEVILLE 10 Dawson Rd, Orangeville, ON L9W 2W2		Municipality Name and Address THE TOWN OF ORANGEVILLE, 87 Broadway, Orangeville, ON L9W 1K1	

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Name of person completing this form (please print) BALWANT BHANGU	Official Title OWNER
Signature 	Telephone No. 647-680-7335
	Date (dd-mm-yyyy) 03/01/2014



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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.

VIDEO SURVEILLANCE PROVIDED BY DVR DIGICAM

SECURITY PROVIDED BY SECURITY LOCK AND KEY

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Name of person completing this form (please print) BALWANT BHANGU	Official Title OWNER	
Signature 	Telephone No. 647-680-7335	Date (dd-mm-yyyy) Dec 10 2017



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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) DEC 29/13	Print Name of Training Provider: BNG PETROLEUMS
	Print Name of Instructor: BALWANT BHANGU
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) DEC 29/13	Print Name of Training Provider: BNG PETROLEUMS
	Print Name of Instructor: BALWANT BHANGU
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) SEPT 19/13	Print Name of Training Provider: CALEDON PROPANE INC.
	Print Name of Instructor: HUGH SUTHERLAND JR.
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) BALWANT BHANGU	Official Title OWNER	
Signature 	Telephone No. 647-680-7335	Date (dd-mm-yyyy) 08/01/2014



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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) DEC 10/2014	Print Name of Training Provider: BNG PETROLEUMS
	Print Name of Instructor: BALWANT BHANGU
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) DEC 10/2014	Print Name of Training Provider: BNG PETROLEUMS
	Print Name of Instructor: BALWANT BHANGU
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) JUNE 7/2015	Print Name of Training Provider: CALEDON PROPANE INC.
	Print Name of Instructor: HUGH SUTHERLAND JR.
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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Name of person completing this form (please print) BALWANT BHANGU	Official Title OWNER
Signature 	Telephone No. 647-680-7335
	Date (dd-mm-yyyy) 03/01/2014



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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).
SEE "SCHEDULE 1"

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).
SEE "SCHEDULE 1"

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).
SEE "SCHEDULE 1"

Describe provisions for fire department entry when there are no operations or staffing at the propane site.
FIRE DEPARTMENTS ARE OUTFITTED WITH BOLT CUTTERS TO REMOVE THE LOCK ON THE CABINET
THE BOTTOM OF THE TANK IS SCREENED WITH VENTILATION BUT ALSO ALLOWS FOR THE INTRODUCTION OF CHEMICAL/WATER/FOAM INTO THE ENCLOSED AREA

Describe how the licence holder will ensure continual flow of updated information to authorities.
SEE "SCHEDULE 1"

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

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Signature 	Telephone No. 647-680-7335	Date (dd-mm-yyyy) Dec 10/2023



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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)	98 METRES	
4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only)	N/A	

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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:

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.

FRANK MYERT C.F.P.O. Local Fire Services Name	Print name TOWN OF ORANGEVILLE FIRE DEPT.	Signature <i>Frank Myert</i>	Date (dd-mm-yyyy) 16/12/2013
--	---	---------------------------------	---------------------------------

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Signature <i>Bhangu</i>	Telephone No. 647-680-7335
	Date (dd-mm-yyyy) Dec 10 / 2013



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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) 28-06-2013	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 106'	Right side property line: 211'6"
Rear: 41'3"	Left side property line: 217'
GPS coordinates of single largest vessel: 43°55'00.96"N 80°05'09.73"W	

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SECTION C: SUBMISSIONS (cont'd)

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

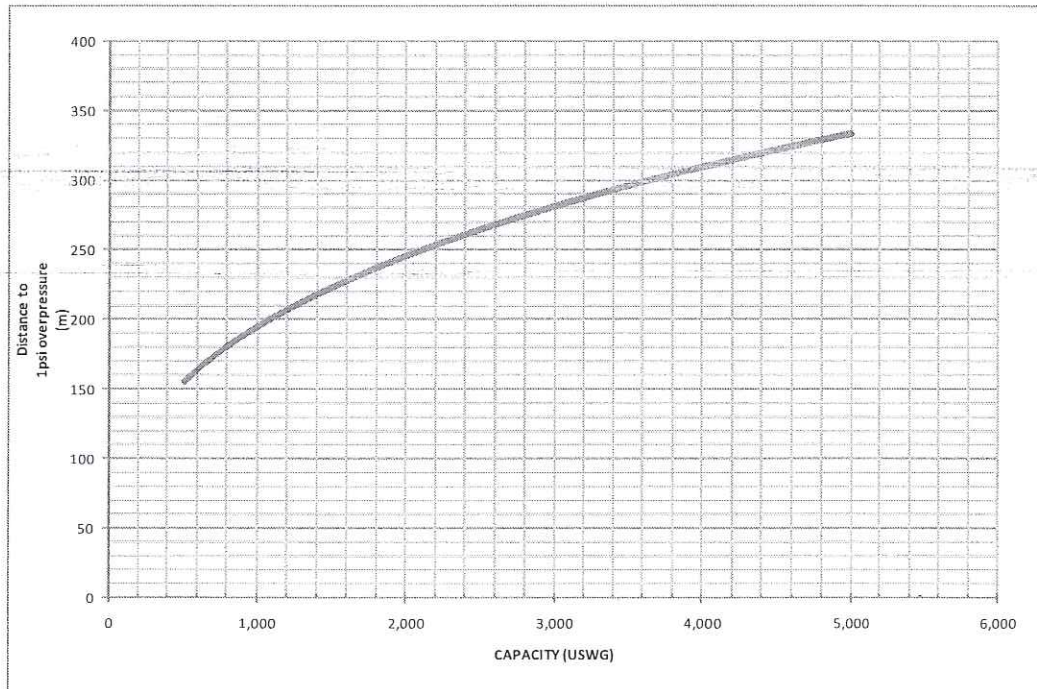
Table 1: Distance Table

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: <u>WATER POLLUTION CONTROL PLANT</u> Address: <u>TOWNLINE</u> City: <u>ORANGEVILLE</u> Province <u>ON</u> Postal Code <u>L9W 3A6</u>		X			<u>103</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: [REDACTED] Address: [REDACTED] City: [REDACTED]				X	<u>60.75</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>N/A</u> Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: <u>N/A</u> 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: <u>QUARRY GATES</u> Address: <u>60 CHISHOLM STREET</u> City: <u>ORANGEVILLE</u> Province <u>ON</u> Postal Code <u>L9W 3A6?</u>		X			<u>196</u> m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: <u>N/A</u> 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) BALWANT BHANGU	Official Title OWNER
Signature 	Telephone No. 647-680-7335
	Date (dd-mm-yyyy) <u>Dec 10 / 2015</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

WORKSHEET

Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8	24	139.2
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			139.2 USWG

Tanks Stored On-site Not Connected for Use

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

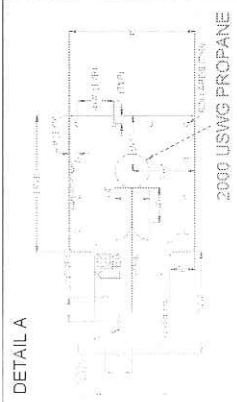
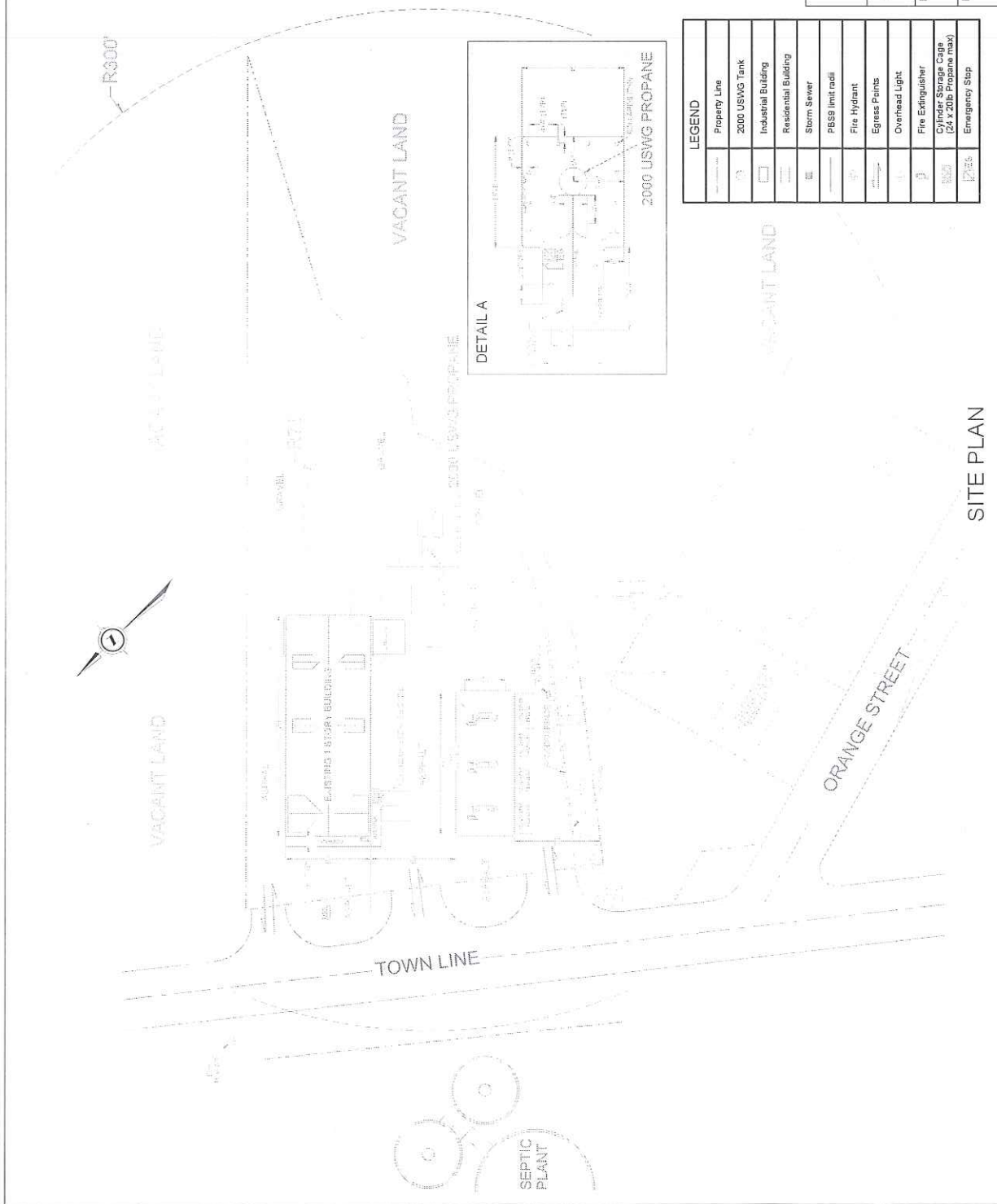
Total Cylinder Capacity	139.2 USWG
Total Tank Capacity	0
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	139.2 USWG

NOTES

- Areas shown represent portions of buildings, bounded by the 0.75' radii as indicated.
- Areas calculated are used for the TSSA Propane and Branch Standard 9 requirements.
- Areas not included for Branch Standard 9 Requirements is 2857 sq.ft. which is less than the 15,000 sq.ft. required for Branch Standard 9.
- Site is in compliance with the B149.2-10 code requirements, as per approved distances if located as shown. All equipment is to meet applicable code requirements.
- Any upper story of a building that fall within the 75-300 ft radii are also calculated in information taken during site visit was performed by Beauty Petroleum Consulting Inc.
- The following B149.2 codes, will be verified for compliance pending installation:
7.4, 7.4.4, 7.6, 7.12.1, 7.12.2, 7.12.3, 7.12.4, 7.12.10, 7.12.13, 7.17, 7.19.1.6, 7.20
- All mechanical and electrical equipment to be approved for propane used and installed in the appropriate areas (ie. hazardous, non-hazardous etc).
- Drawings are based on equipment from each being a minimum of 25 ft. as per the B149.2-10 code.
- Signs complying with clause 7.20.6 of the propane storage and handling code. B149.2-10, to be installed.
- Propane storage and handling code 7.20.6 of the propane storage and handling code. B149.2-10, to be installed.
- Propane storage and handling code 7.20.6 of the propane storage and handling code. B149.2-10, to be installed.

BRANCH STANDARD 9 REQUIREMENTS

1.	Area A	83 sq.ft.
	Area B	0 sq.ft.
	Area C	6419 sq.ft.
	Area D	10660 sq.ft.
2.	Area E	83 sq.ft.
	Area F	27739 sq.ft.
3.	Closest School	1165 ft.
	Closest Residence	201 ft.
	Aboveground Tank	
	a) School/300 ft.	none
	b) Residence/25 ft.	none
	c) 83 + (27739 x 0.1) sq.ft.	2857 sq.ft.
	Buried Tanks	N/A
	Vehicle Conversion Centre	N/A
SITE COMPLIES WITH TSSA PROPANE BRANCH STANDARD 9		



LEGEND

	Property Line
	2000 USWG Tank
	Industrial Building
	Residential Building
	Storm Sewer
	R650 limit radii
	Fire Hydrant
	Egress Points
	Overhead Light
	Fire Extinguisher
	Cylinder Storage Cage (24 x 20B Propane max)
	Emergency Stop

beatty petroleum consulting inc
182 George St.
PO Box 884
Arthur, Ontario
N0G 1A0

PREPARED BY:
Jeff Collinson

CHECKED BY:
Alex Beatty

REV: 2

signature: _____
date: _____

PETRO-CANADA STATION, TOWNLINE, ORANGEVILLE, ON
Branch Standard 9 Compliance Drawing

NOTES

1. Areas shown represent portions of buildings bounded by the 0.75' radii as indicated
2. Areas calculated are used for the TSSA Propane and Branch Standard 9 requirements
3. Area requirements for Branch Standard 9 Requirements is 2857 sq. ft. which is less than the 15,000 sq. ft. restriction. The facility is in compliance with Branch Standard 9
4. Site is in compliance with the B1492-10 code requirements as per approved distances if located as shown. All equipment is located within the applicable code requirements
5. Any upper story of a building that fall within the 75-300 ft radii are also calculated in Branch Standard 9 Requirements
6. Information regarding the site visit was performed by Beauty Petroleum Consulting Inc. The information is for informational purposes only. The codes to be verified for compliance pending installation. 7.4, 7.4.4, 7.6, 7.12.1, 7.12.2, 7.12.3, 7.12.4, 7.12.10, 7.12.13, 7.17, 7.19.1.6, 7.20
7. All mechanical and electrical equipment to be approved for propane used and installed in the area of the designated areas (ie. hazardous, non-hazardous etc.)
8. The information is for informational purposes only. The codes to be verified for compliance as per the B 1492-10 code.
9. Signs complying with clause 7.20.6 of the propane storage and handling code B 1492-10 to be installed.
10. Portable fire extinguisher not less than 20 B.C rating to be mounted at site as per sub-clause 7.19.15

BRANCH STANDARD 9 REQUIREMENTS

1.	Area A	83 sq.ft.
	Area B	0 sq.ft.
	Area C	6419 sq.ft.
	Area D	10660 sq.ft.
2.	Area E	83 sq.ft.
	Area F	27739 sq.ft.
3.	Closest School	1165 ft.
	Closest Residence	201 ft.
	Aboveground Tank	none
	a) School/300 ft.	none
	b) Residence/25 ft.	2857 sq.ft.
	c) 83 + (27739 x 0.1) sq.ft.	
	Buried Tanks	N/A
	Vehicle Conversion Centre	N/A
SITE COMPLIES WITH TSSA PROpane BRANCH STANDARD 9		

182 George St.
PO Box 894,
Arthur, Ontario
N0G 1A0

beatty petroleum consulting inc

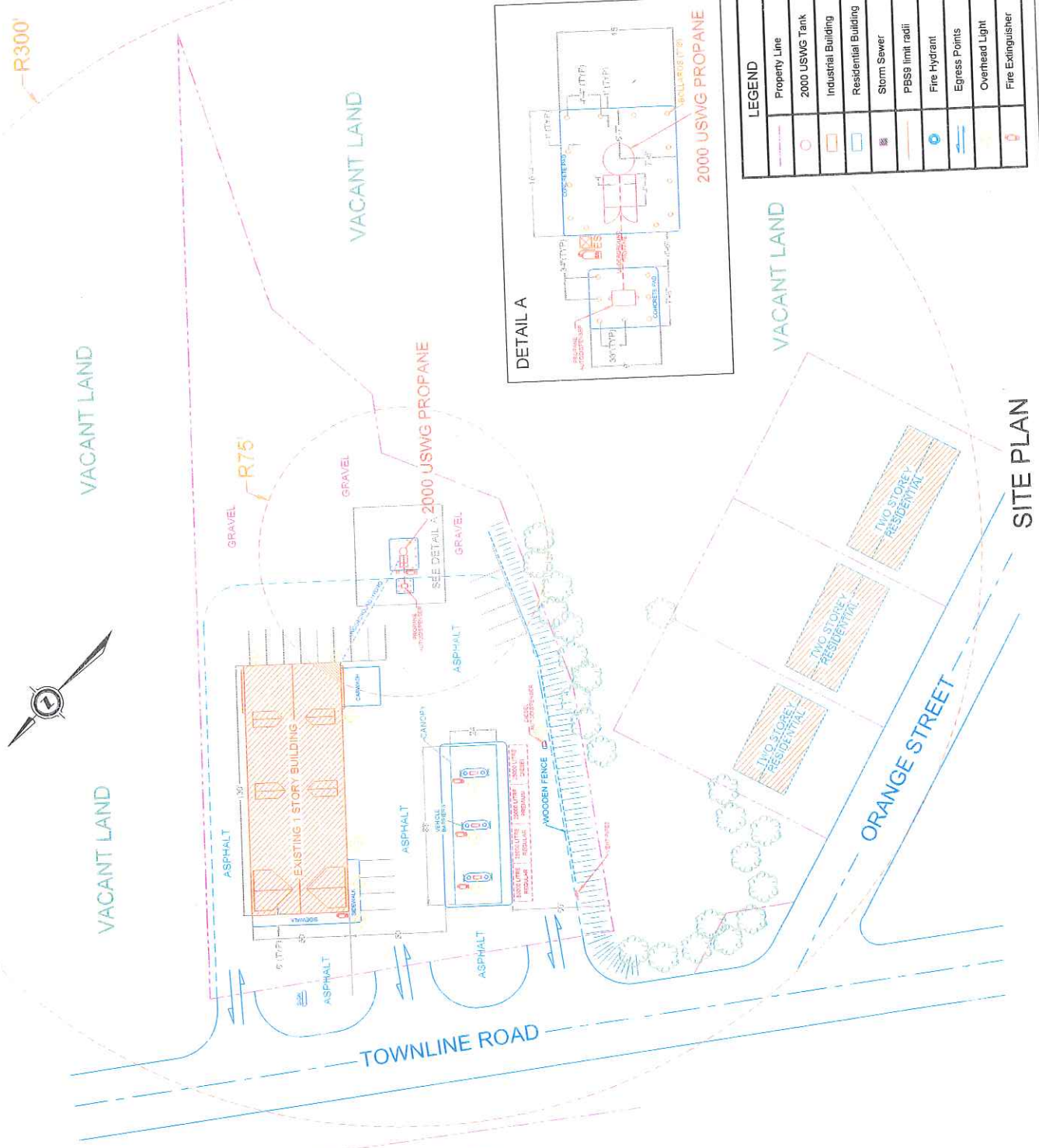
PETRO-CANADA STATION, TOWNLINE, ORANGEVILLE, ON
Branch Standard 9 Compliance Drawing

CHECKED BY:
Alex Beatty

PREPARED BY:
Jeff Collinson

REV: 0

signature: _____
date: _____



LEGEND

Property Line	—
2000 USWG Tank	○
Industrial Building	□
Residential Building	□
Storm Sewer	—
PBS9 limit radii	○
Fire Hydrant	⊙
Egress Points	—
Overhead Light	⊙
Fire Extinguisher	⊙

SITE PLAN