



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 000076648664

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 2176046 Ontario Inc. Ontario Corporation No., if applicable 2176046
Operator Name (if different from above) o/a Petro Canada Gas Bar
Telephone No. (613)-392-3205 Fax No. (613)-392-0937 E-mail thiru.niran@gmail.com

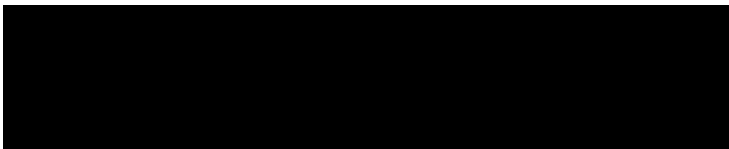
B Street No. 17 Street Name / 911 Number / Address, if applicable Highway 33
Town / City or Township / County Trenton Province Ontario Postal Code K8V 5P6

Mailing address if different from above.
C Street No. _____ Street Name / 911 Number / Address, if applicable Same as above
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 Highway 33 Nearest Major Intersection Highway 33 & Telephone Road
Town / City or Township / County Trenton Province Ontario Postal Code K8V 5P6

Name of Licence Holder Niranjan Thirunavukkarasu
Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Niranjan Thirunavukkarasu ROT type 100-01
Municipality (or municipalities if the facility or its hazard distance touches multiple borders) Trenton

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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Name of Licence Holder	Print name <u>Niranjan Thirunavukkarasu</u>	Signature	Date (dd-mm-yyyy) <u>01-03-2012</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training	<u>Niranjan Thirunavukkarasu</u>		<u>01-03-2012</u>



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SECTION A: GENERAL INFORMATION (cont'd)

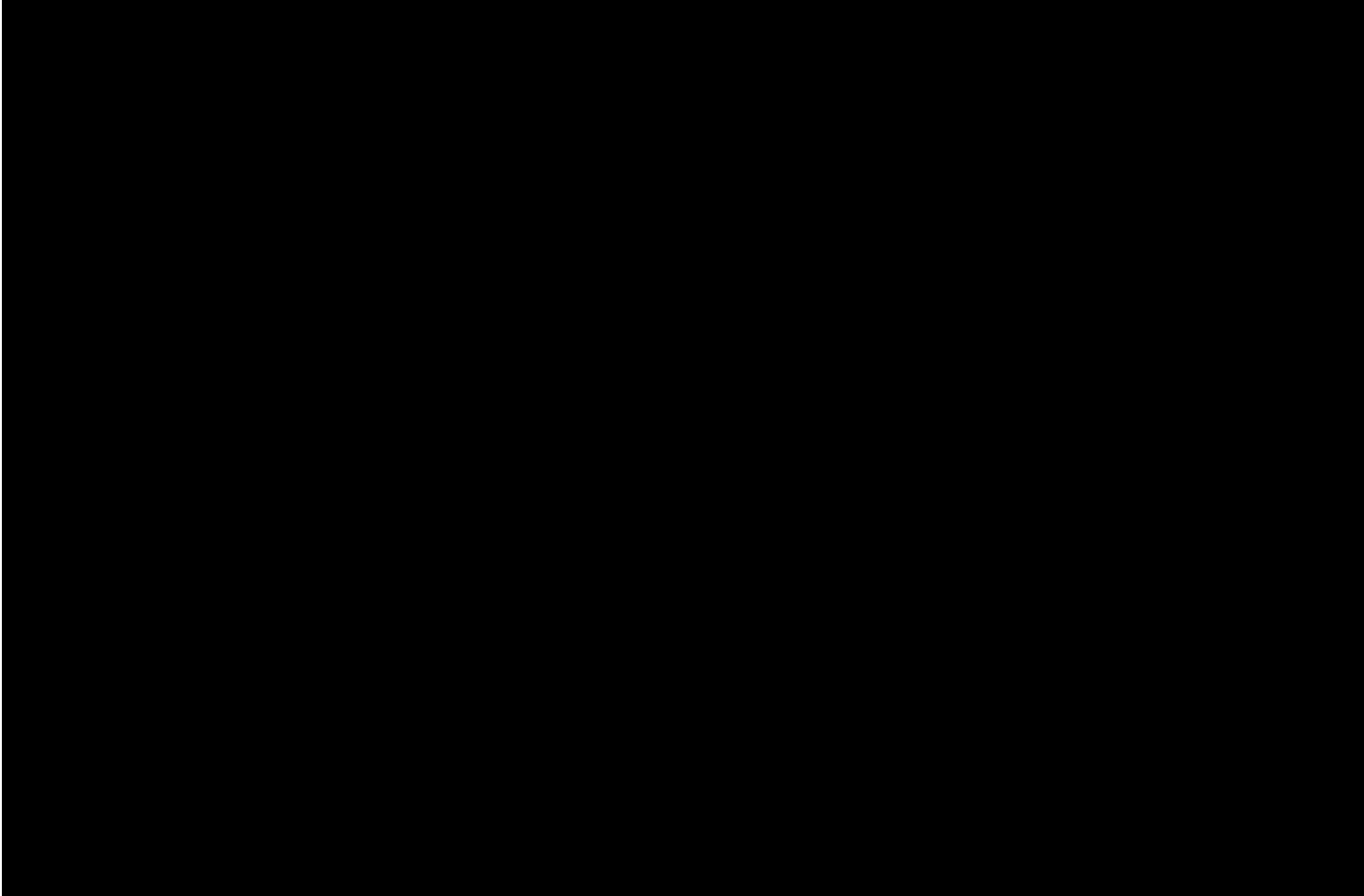
Indicate the year the facility was established. 2008 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. No major changes to the site since 2008

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

	PSIG	Serial Number
Tank1:	<u>250 psig</u>	<u>841-98</u>
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: 2000 USWG Portable: 191.4 USWG Mobile: 0 USWG



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Name of person completing this form (please print) <u>Niranjan Thirunavukkarasu</u>		Official Title <u>Owner</u>
Signature 	Telephone No. <u>416-697-7503</u>	Date (dd-mm-yyyy) <u>01-03-2012</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) Primemax Energy Inc.			
Street No. 2558	Street Name / 911 Number / Address, if applicable Cedar Creek Road RR#1		
Town / City or Township / Country Ayr		Province Ontario	Postal Code N0B 1E0
Telephone No. 1-519-740-8209	Fax No. 1-519-740-1015	Contact Name Mike Taylor	
E-mail primemax@primemaxenergy.com			

Name of Propane Transporter. If same as above, please check box. <input checked="" type="checkbox"/>			
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		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.

The site has 1x2000 USWG vertical propane tank and 1x20lb cylinder for purging. Facility also has underground storage tanks 1x45,500 litre for Regular, 2x22,700 litre for Regular, 1x10,000 litre for Diesel and 2x22,700 for Premium. All underground tanks are fiberglass double walled protected. There are small amounts of cleaning products used in the car wash, but amounts are minimal.

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

The facility is equipped with fire extinguishers. There is one located at the propane tank, three located at the gasoline islands and two located in the C-store. There is a remote Emergency Shut down (ESD) located on one of the posts near the tank. The ESD kills power to the propane and stops the motor and closes the fuel supply solenoid valve to prevent product flow.

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.

The propane tank is equipped with a fusible link connected to a chain that will melt at 212 degrees F which will break the chain and the spring loaded ISC valve will close automatically shutting off the propane suction to the pump. There is an Emergency Shut Down (ESD) located on one of the posts near the tank. The ESD kills power to the propane and stops the motor and closes the fuel supply solenoid valve to prevent product flow.

The site has 16 security cameras located at various locations, which are monitored (recorded) 24/7.

Maintenance and testing schedule for fire protection controls and devices.

The fire extinguishers are checked monthly and retested annually for proper operation. The propane equipment and ESD is inspected annually by a TSSA registered contractor. Copies of Inspection reports are kept on site.

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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
Nirajan Thirunavukkarasu

Official Title
Owner

Telephone No. | Fax No.
1-613-392-3205 | 1-613-392-0937

E-mail
thiru.niran@gmail.com

Role and responsibilities in emergency
Ensures that all employees are trained to work with propane and enforces the site safety plan in response to emergencies. Will make 911 call.

5. Facility 24-Hour Contact Person

Name
Nirajan Thirunavukkarasu

Official Title
Owner

Cell No. | Fax No.
1-613-697-7503 | 1-613-392-0937

E-mail
thiru.niran@gmail.com

Role and responsibilities in emergency
Same as item 1

2. Facility Contact Personnel - Alternate Contact

Name
Siva Sellathurai

Official Title
Owner

Telephone No. | Fax No.
1-613-392-3205 | 1-613-392-0937

E-mail
tharshan17@hotmail.com

Role and responsibilities in emergency
Will assist the key contact in emergencies and will assume responsibility for site liaison if key contact is away from site. Will make 911 call.

6. Name of Facility Manager

Name
Nirajan Thirunavukkarasu

Official Title
Owner

Telephone No. | Fax No.
1-613-392-3205 | 1-613-392-0937

E-mail
thiru.niran@gmail.com

Role and responsibilities in emergency
Same as item 1

3. Local Fire Services - Key Contact

Name
Greg King, C.F.E.I., Bsc.

For Office Use - Party No.

Official Title
Senior Fire Prevention Officer

E-mail
gregk@quintewest.ca

Telephone No. | Fax No.
613.392.2841 Ext: 7479 | 613.965.6133

Role and responsibilities in emergency
Coordinates the Fire Prevention Services for Quinte West and insures all staff equipped with required resources & reviews RSMP's

Fire Services Address
Quinte West Fire/Rescue 165 Front St., Trenton, ON. K8V 4N6

7. Propane Supplier Key Contact Person

Name
Mike Taylor

For Office Use - Party No.

Official Title
General Manager

E-mail
mtaylor@primemaxenergy.com

Telephone No. | Fax No.
1-519-740-8209 | 1-519-740-1015

Role and responsibilities in emergency
Coordinates truck deliveries and would initiate the CPA Emergency Response Plan as required.

Propane Supplier Address
Primemax Energy Inc. 2558 Cedar Creek Rd., RR#1, Ayr, ON, N0B 1E0

4. Local Fire Services - Alternate Contact

Name
Robert Comeau, C.F.E.I., CD

For Office Use - Party No.

Official Title
Fire Prevention Officer

E-mail
robertc@quintewest.ca

Telephone No. | Fax No.
613.392.2841 Ext: 7481 | 613.965.6133

Role and responsibilities in emergency
Conducts reviews of facilities and businesses to insure compliance with Fire Code and Safety equipment is in compliance.

Fire Services Address
Quinte West Fire/Rescue 165 Front St., Trenton, ON. K8V 4N6

8. Municipal Contact

Name
Brian Jardine, M. Sc., MCIP, RPP

Official Title
Manager of Planning Services

Telephone No. | Fax No.
613.392.2841 Ext: 4467 | 613.392.7151

E-mail
brianj@quintewest.ca

Municipality Name and Address
City of Quinte West, 7 Creswell Drive, P.O. Box 490, Trenton, ON. K8V 5R6

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Signature 	Telephone No. <u>416-697-7503</u>	Date (dd-mm-yyyy) <u>01-03-2013</u>



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

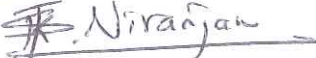
2. Additional Safety Measures

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

Emergency Response Assistance Plan-available by contacting supplier.

The facility is built to the propane code requirements and does not have any extra features that are over and above the code. The tank is protected with concrete filled posts on all sides and has an Emergency shutdown button that will kill power to the pump and solenoid valve when pushed. Tank is in constant site of employees on the premises. Fire Equipment access is easy with a large area to manoeuvre trucks around. The site is monitored 24/7 by 16 security cameras.

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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) 15-12-2011	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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) 15-12-2011	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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) 30-11-2011	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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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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) 30-03-2012	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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) 30-03-2012	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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) 30-11-2014	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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).

The attendant on site will notify the patrons at the propane facility that a problem has occurred after pressing the ESD switch and closing the ISC valve. The patrons will be asked to leave the site and the attendant will proceed to call 911 and ask for Fire Services and Police response. After the call is made, the attendant will proceed next door and inform the car dealership that an emergency situation exists at the propane and they can then proceed to implement their own plan.

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).

After a warning is issued the attendant will block off the entrance/exits to the site. Once the area is free of customers, the staff will meet at the "Muster Point" (See Drawing P-101) and await the arrival of Emergency Responders.

Communication with Emergency Response Authorities

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).

Once an emergency situation is confirmed at the propane facility, the attendant will call 911 to ask for Fire and Police response. The attendant always carries a cell phone and also has access to a phone inside the C-store. A call will be made by any of the two means. After the call is made the attendant will await the arrival of the Emergency Responders.

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

The site is not fenced so access to the site is always available to Emergency Responders from Highway 33. The tank is located at the side of the property and a fire hydrant is right out front of the property, so access is close to the tank. There are no barriers to the tank and being a 24/7 operation there is always an attendant on site.

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

The attendant will always be on site as the location is open 24/7. When Emergency Responders come to the site the attendant will identify themselves as the person who is responsible for the propane and will communicate directly with the Emergency Responders.

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

25-30 Minutes for the owner if not already on site.

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

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

6. Building and Site Security and Procedures

	Yes	No
1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there adequate night lighting at the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are there procedures that capture and record the daily inspection of hoses and inspection requirements for filling systems and mechanical devices used in the transfer of propane?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are weighing systems validated for accuracy?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is the schedule of maintenance and testing activities retained on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7. Water Supply

The propane licence holder should work with the local fire department to determine water supply capabilities that are available based on the propane facility's location.

	Yes	No
1. Is a pressurized water system available at the propane facility site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)	<u>24 m</u>	
4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only)	<u>n/a</u>	

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

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

8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services

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

Yes

No

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

Fire services comments, if any:

To be completed by the Licence Holder

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

The licence holder will respond to the Local Fire Services comments by: _____
(dd-mm-yyyy)

LOCAL FIRE SERVICES

The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.

Print name	Signature	Date (dd-mm-yyyy)
Local Fire Services Name Greg King, C.F.E.I., Bsc.		13-03-2012

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Signature 	Telephone No. 416-697-7503	01-03-2012



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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) 29-02-2012	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: <u>47.8 m</u>	Right side property line: <u>4.0 m</u>
Rear: <u>3.2 m</u>	Left side property line: <u>45.9 m</u>
GPS coordinates of single largest vessel: <u>Lat: 44 7'1.37"N Long: 77 35'50.40"W</u>	

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Name of person completing this form (please print) J.Ross Keys	Official Title Consultant
Signature 	Telephone No. 416-526-1405
	Date (dd-mm-yyyy) 01-03-2012



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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

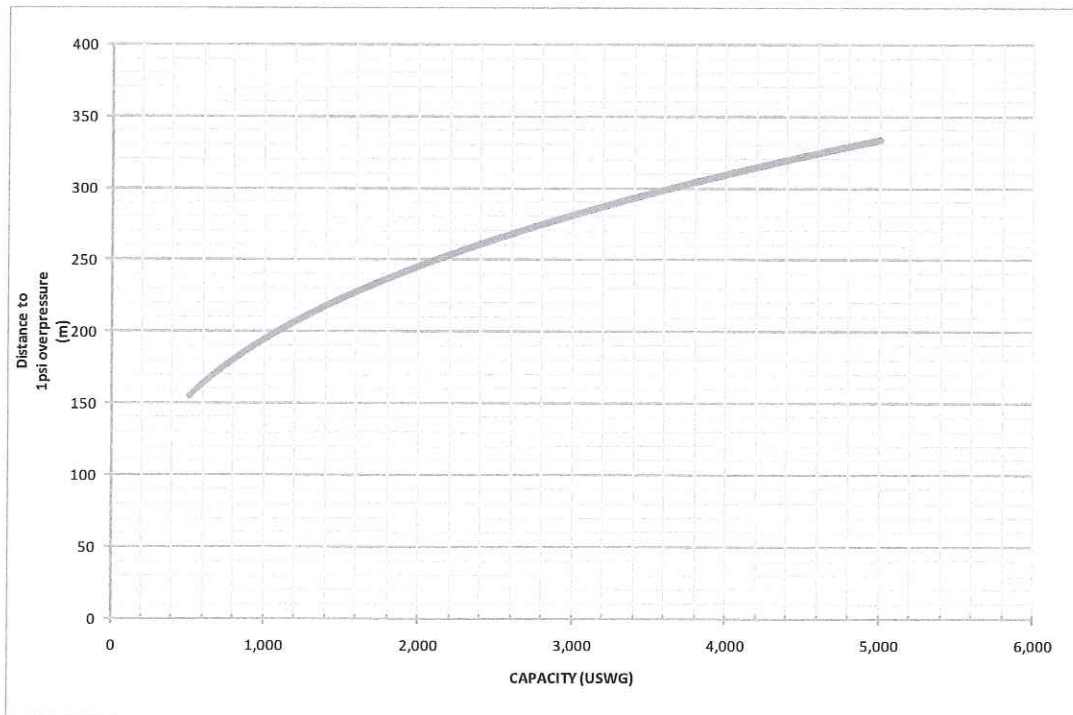
Table 1: Distance Table

Water Capacity (litres)	Nominal Water Capacity (USWG)	Distance to 1 psi overpressure (m)
1,890	500	155
3,780	1,000	195
4,920	1,300	213
6,620	1,750	235
7,130	1,885	241
7,560	2,000	246
18,900	5,000	333

Formula: $D = 16.94 \times (1.524 \times C)^{1/3}$
 D = Distance to overpressure of 1 psi (meters)
 C = Tank Total Capacity in USWG

Parameters: Density of Propane is 0.5033 kg per litre @ 15 C
 Assume all vessels are 80% full
 1 gallon [US, liquid] = 0.003785411784 cubic meter
 1 cubic metre = 264.17 USWG

Hazard Distance Chart (EPA-TNT model)





Technical Standards and Safety Authority
www.tssa.org

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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>Ferro-Industries</u> Address: <u>42 Frankford Crescent</u> City: <u>Trenton</u> Province <u>Ontario</u> Postal Code <u>K8V 5O6</u>			X		<u>57.5</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]				X	<u>120</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Chrysler /Jeep Dealership</u> Address: <u>Highway 33</u> City: <u>Trenton</u> Province <u>Ontario</u> Postal Code <u>K8V 5P5</u>			X		<u>94</u> 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) <u>J. Ross Keys</u>	Official Title <u>Consultant</u>
Signature 	Telephone No. <u>416-525-7000</u>
	Date (dd-mm-yyyy) <u>01-03-2012</u>



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WORKSHEET

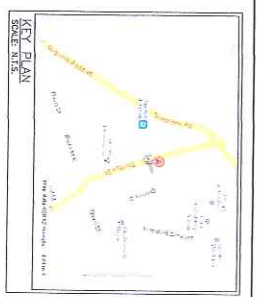
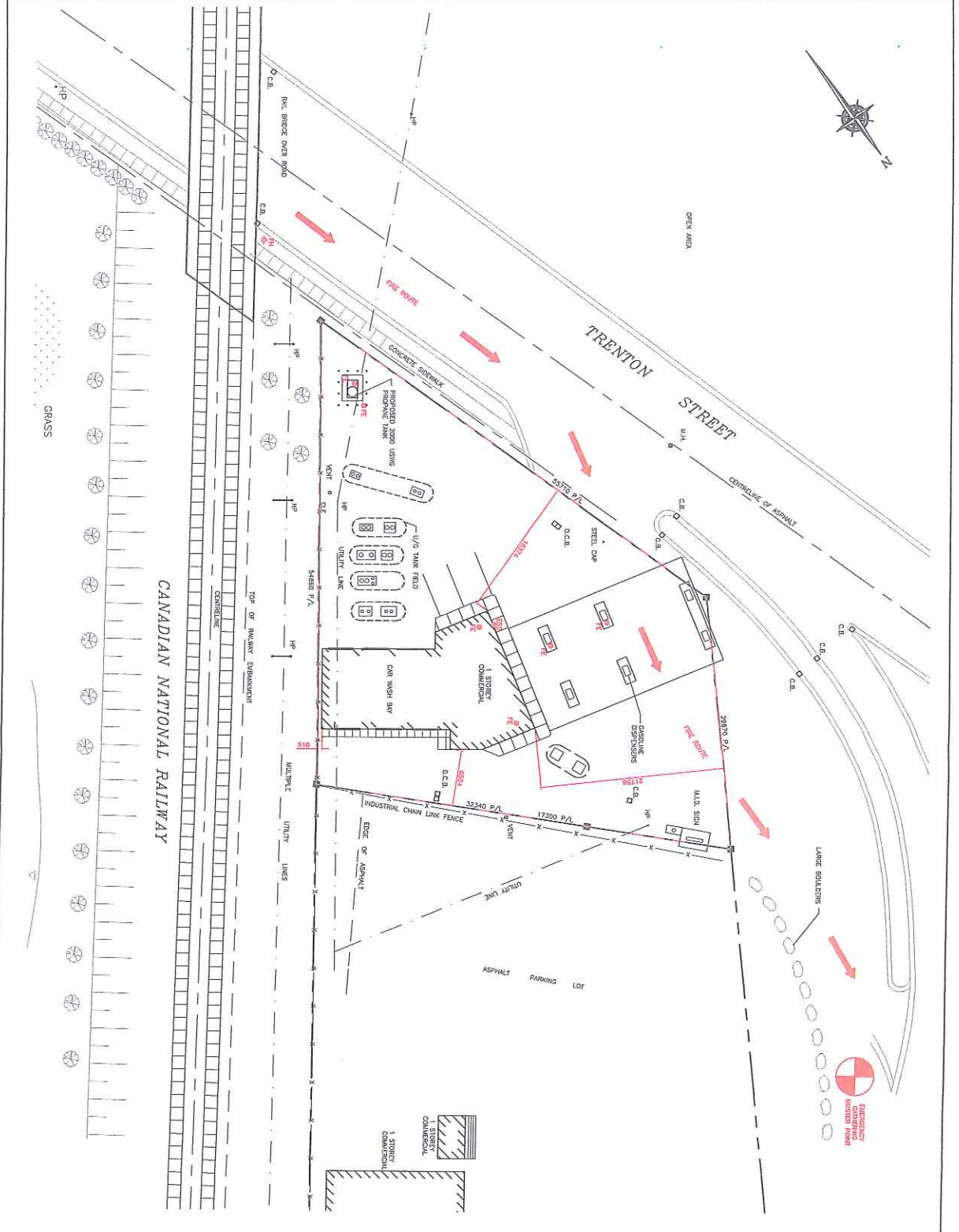
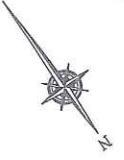
Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8	33	191.4 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			191.4 USWG

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	191.4 USWG
Total Tank Capacity	2000 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	2191.4 USWG



SITE DATA:
 LOT AREA: 1972.44sq.m.
 LOT FRONTAGE: 200.00sq.m.
 LOT DEPTH: 9.72sq.m.
 LOT COVERAGE: 13.1%

PROPERTY LINE SETBACKS FOR PROPOSED TANK

NORTH	4.72m
SOUTH	4.72m
EAST	45.9m
WEST	4.5m

GPS COORDINATES

LATITUDE	44.7137°N
LONGITUDE	77.2524°W

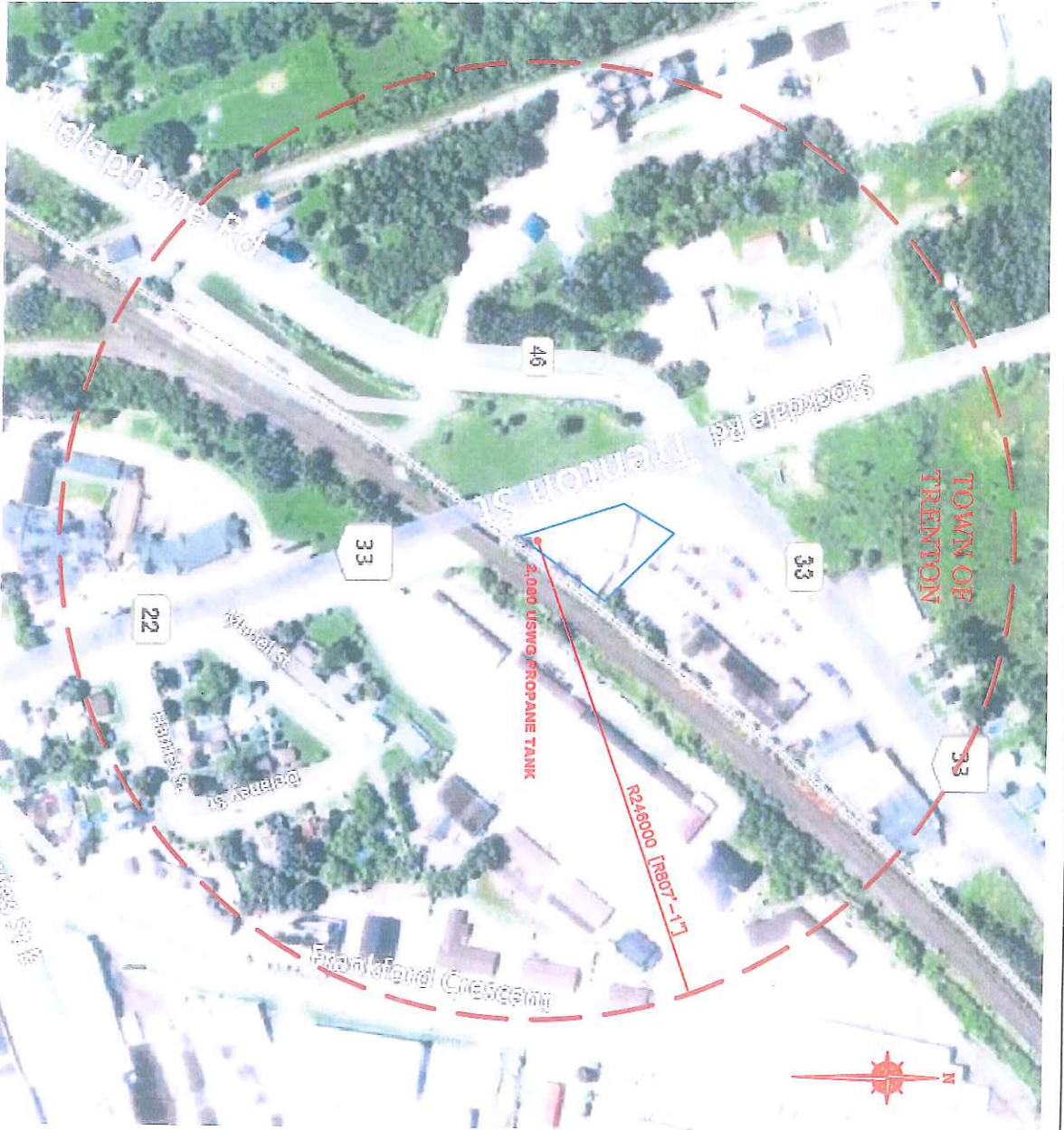
- LEGEND:**
- FE ⊕ FIRE EXTINGUISHER
 - FI-O FIRE HYDRANT (CR)
 - ESD-E EMERGENCY SHUT-DOWN
 - EPES-E EMERGENCY PULL STATION
 - WATER POINT (OPTION BASED ON WIND DIRECTION)

NO.	DATE	DESCRIPTION	DATE
0	June 01, 14	ISSUED FOR RFP	



ALTENG INC.
 Alternative Energy Consulting

125 Main Street, Toronto, Ontario M5T 1A3
 Telephone: (416) 593-1844 Fax: (416) 593-1844
 17 Highway 30, Toronto, ON M2N 6P9
 101 2490 USHW PAVING TANK
 DRAWING NO. 07390D
 DRAWING TITLE: ACAD REPRESENTATION
 DRAWING DATE: 07/20/2014
 DRAWING SCALE: 1:1
 P-101



NOTES:
 CONSIDERING DISTANCE TO AN OVERPRESSURE LEVEL OF 1
 METRE PER SECOND (MPS) AS PER 753A, THE PROPOSED
 SAFETY HAZARDOUS PLAN IS ACCEPTABLE.

$$D = 17 \times \left(\frac{10 \times 10^3}{100} \right)^{1/2} = 216m$$

PROPERTY LINE SECTIONS	PROPOSED PROPANE TANK
NORTH	47.2m
SOUTH	3.2m
EAST	45.0m
WEST	4.0m

UTM COORDINATES	EASTING	NORTHING
EASTING	471157.71	175352.05

AS PER 753A, ADVISORY REQUIREMENTS FOR THE IMPLEMENTATION OF THE RISK AND SAFETY HAZARDOUS PLAN, THIS FACILITY ONLY EXCEEDS A LEVEL 1 RISK (SEVERITY).

PLANNING ADVISORY INFORMATION:

AS PER 753A, ADVISORY REQUIREMENTS FOR THE FOLLOWING PLANNING INFORMATION IS PROVIDED FOR THE PROPOSED FACILITY:
 PLANNING & DEVELOPMENT SERVICES
 TRENTOUR CONSULTING LTD. BOX 490
 1000 BROADVIEW AVE. UNIT 100
 ATLANTIC BAY, ONT. L9R 4K7
 PH: 1-416-222-2481 EXT: 4447



ALTENG Inc.
 Alternative Energy Consulting

2144400 Ontario Inc. c/o Petro-Canada
 17 Highway 33, Box 490
 Trenton, ON
 288 Queen Street, Toronto, Ontario M5G 1S2
 Telephone: (905) 761-1444

Drawn By: DFC
 Checked By: ALDC
 Date: JUN 01, 2012
 Drawing Scale: 1:1000
 Project Name: 2000 USING PROPANE TANK
 Drawing Title: 2000 USING PROPANE TANK
 Drawing Number: P-2000
 Revision: 07/30/00
 Drawing Scale: 1:1

Risk & Safety Management Plan (RSMP)
For 2000 USWG Vertical Propane Tank
2176046 Ontario Inc. (o/a Petro-Canada)



Petro-Canada
17 Highway 33,
Trenton, ON.





SITE DATA
 US AEA
 1000000000
 1000000000
 1000000000

PROPERTY LINE	LENGTH	AREA
WEST	4.75m	2.2m
SOUTH	2.2m	42.5m
EAST	4.75m	4.8m
TOTAL		

- LEGEND:**
- 1. FIRE DEPARTMENT
 - 2. FIRE (CONCRETE) SIGN
 - 3. EMERGENCY SERVICE
 - 4. EMERGENCY EXIT SIGN
 - 5. EMERGENCY EXIT SIGN
 - 6. EMERGENCY EXIT SIGN
 - 7. EMERGENCY EXIT SIGN
 - 8. EMERGENCY EXIT SIGN
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 - 50. EMERGENCY EXIT SIGN

ALTING Inc.
 Alternative Energy Consulting
 1000000000
 1000000000
 1000000000

PROJECT INFORMATION

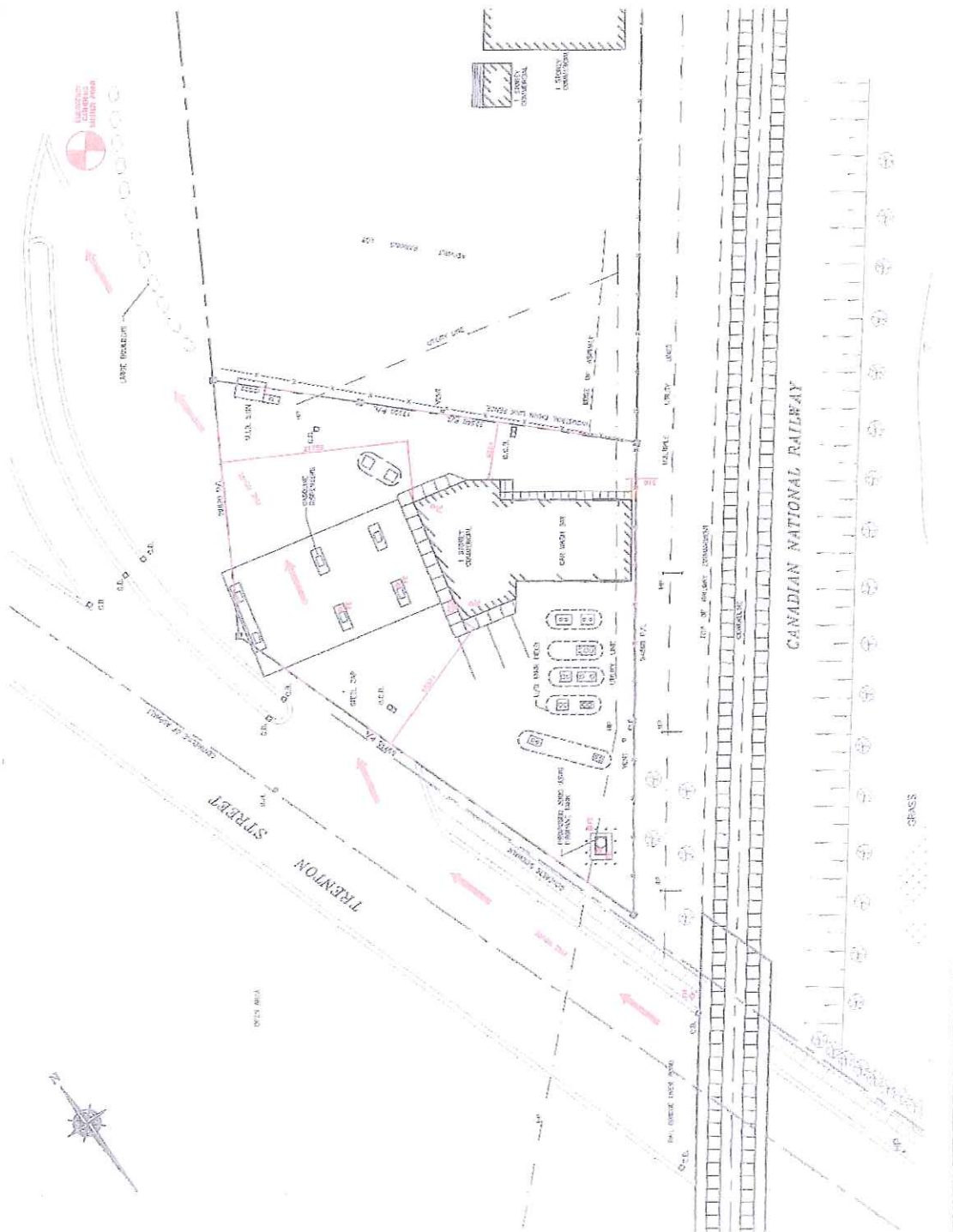
Project Name: 2176046 Ontario Inc. with Form-Quantity
 Project No: 389086
 Project Date: 2008-08-23

CLIENT INFORMATION

Client Name: 2176046 Ontario Inc. with Form-Quantity
 Client No: 389086
 Client Address: 1000000000
 Client Phone: 1000000000

DESIGNER INFORMATION

Designer Name: ALTING Inc.
 Designer No: 073500
 Designer Address: 1000000000
 Designer Phone: 1000000000



2176046 ONTARIO INC.
 ACCNT # 389086
 CUST. # 864643.

ORIGINAL DRAWING RSM.P.

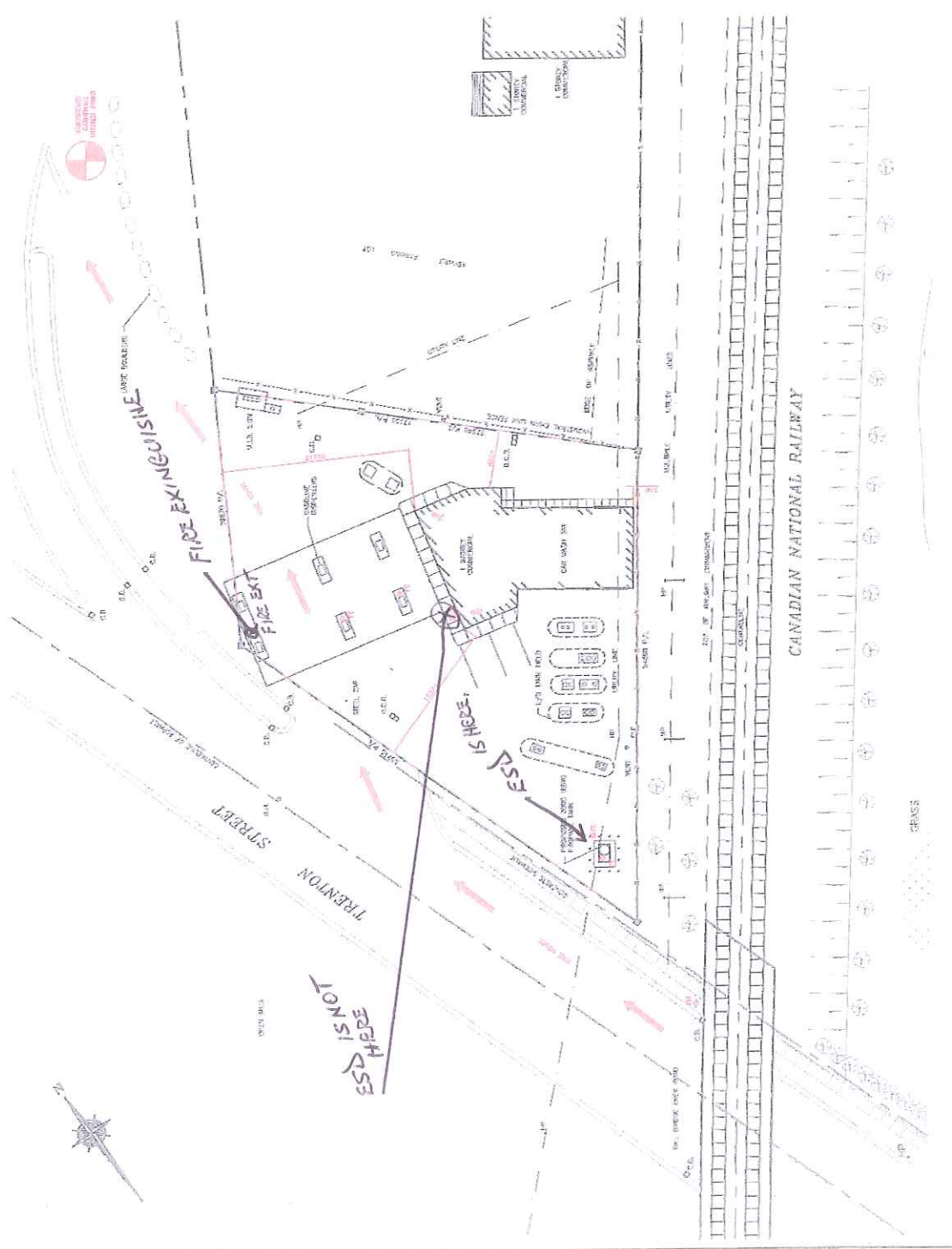


SITE DATA:
 100 ACRES
 200 ACRES
 150 ACRES

PROPERTY LINE DISTANCE	TO THE ADJACENT TRACT
WEST	2.75m
SOUTH	2.25m
EAST	42.50m
NORTH	4.50m

GRID COORDINATES
EASTING
NORTHING

- LEGEND:**
- AL - FIRE EXTINGUISHER
 - FI - FIRE EXTINGUISHER
 - EM - EMERGENCY PREPAREDNESS
 - EP - EMERGENCY PREPAREDNESS
 - ES - EMERGENCY PREPAREDNESS

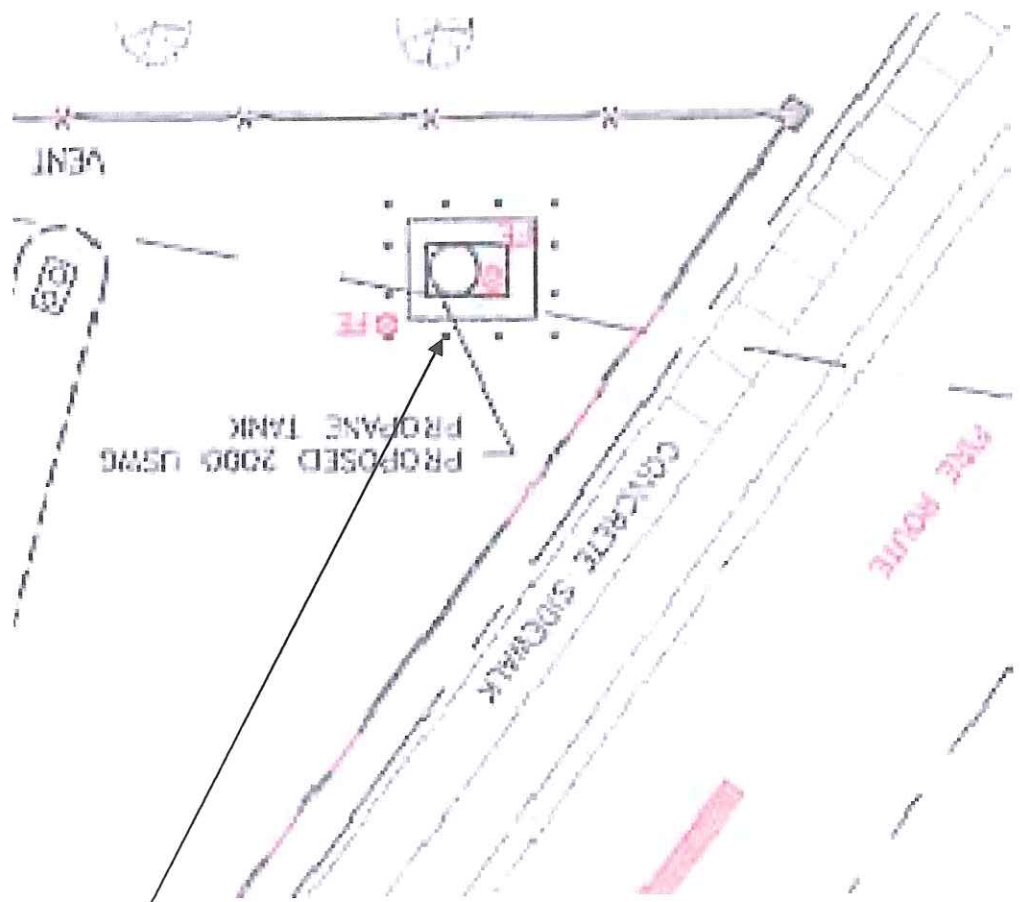


ALTEC Inc.
 Alternative Energy Consulting
 1000 Highway 101, Suite 101
 North York, Ontario, Canada M2H 3L9
 Telephone: (416) 291-1844

PERO-CANADA

PROJECT INFORMATION:
 Project Name: ALTEC Inc.
 Project No.: 0733000
 Drawing No.: P-101

2176046 ONTARIO INC. REVISED DRAWING.



FE is actually ESD on post