



**Technical Standards and Safety Authority**  
 www.tssa.org  
 14th Floor - Centre Tower  
 3300 Bloor Street West  
 Toronto Ontario M8X 2X4  
 Fax: 416 231 4078  
 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** N/A - New Facility

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 Canpar Transportation L.P. Corporation No. \_\_\_\_\_

Operator Name (if different from above)  
Canpar Transportation - Thorold Terminal

Telephone No. 416-869-0317 Fax No. 416-869-3846 E-mail rweicht@canpar.com

**B** Street No. 201 Street Name / 911 Number / Address, if applicable Westcreek Blvd

Town / City or Township / County Toronto Province Ontario Postal Code L6T 5T7

Mailing address if different from above.

**C** Street No. 205 Street Name / 911 Number / Address, if applicable New Toronto Street

Town / City or Township / County Toronto Province Ontario Postal Code M8V 0A1

**Information on Container Refill Centre or Filling Plant**

Location of facility.

**D** Street No. 124 Street Name / 911 Number / Address, if applicable Garden Avenue Nearest Major Intersection Garden Avenue and Henry Street

Town / City or Township / County Brantford Province Ontario Postal Code N3S 7W4

Name of Licence Holder Canpar Transportation L.P.

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Roland Weicht ROT type 100-02

Municipality (or municipalities if the facility or its hazard distance touches multiple borders)  
City of Brantford

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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| Printname   | Signature | Date (dd-mm-yyyy) |
|---|-----------|-------------------|
| Name of Licence Holder <u>Canpar Transportation L.P.</u>  |           | <u>26-09-2017</u> |
| Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Roland Weicht</u> |           |                   |



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**SECTION A: GENERAL INFORMATION (cont'd)**

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

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

|        | PSIG       | Serial Number |
|--------|------------|---------------|
| Tank1: | <u>250</u> | <u>809-92</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: 0 USWG      Mobile: 0 USWG

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|  |   |   |
|--|---|---|
| Name of person completing this form (please print)<br><u>Roland Weicht</u>                       | Official Title<br><u>Ontario Regional Manager</u> |   |
| Signature<br> | Telephone No.<br><u>416-869-3846</u>              | Date (dd-mmm-yyyy)<br><u>26-09-2017</u> |



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**Technical Standards and Safety Act**  
Propane Storage and Handling Regulation

**SECTION A: GENERAL INFORMATION (cont'd)**

Activity Information

|   |   |                             |                        |
|---|---|-----------------------------|------------------------|
| <b>Name of Propane Supplier(s)</b><br>EDPRO Energy Group Inc. |   | For Office Use - Party No.  |                        |
| Street No.<br>5   | Street Name / 911 Number / Address, if applicable<br>Cuddy Blvd |                             |                        |
| Town / City or Township / Country<br>London                   |   | Province<br>Ontario         | Postal Code<br>N5V 3Y3 |
| Telephone No.<br>519-690-0000                                 | Fax No.<br>519-690-1948   | Contact Name<br>Joe Erskine |                        |
| E-mail<br>jerskine@edproenergy.com                            |   |                             |                        |

|   |   |                             |                        |
|---|---|-----------------------------|------------------------|
| <b>Name of Propane Transporter.</b> If same as above, please check box. <input checked="" type="checkbox"/> |   | For Office Use - Party No.  |                        |
| EDPRO Energy Group Inc.   |   |                             |                        |
| Street No.<br>5   | Street Name / 911 Number / Address, if applicable<br>Cuddy Blvd |                             |                        |
| Town / City or Township / Country<br>London   |   | Province<br>Ontario         | Postal Code<br>N5V 3Y3 |
| Telephone No.<br>519-690-0000   | Fax No.<br>519-690-1948   | Contact Name<br>Joe Erskine |                        |
| E-mail<br>jerskine@edproenergy.com  |   |                             |                        |

|  |                                   |                            |
|--|-----------------------------------|----------------------------|
| <b>Off-site Cylinder and/or Mobile Storage</b><br>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.

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| Signature<br>   |  | Telephone No.<br>416-869-03171             | Date (dd-mmm-yyyy)<br>26-09-2017 |



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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.

Consumer quantities of items such as spray paint, cleaners etc.

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

Fire extinguisher 20 lb.

Emergency shut off X (2)

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.

Internal Safety Control (ISC) valves are equipped with nitrogen charged actuators

Fusible plug on nitrogen holding open ICS valve causes liquid outlet to automatically close in event of fire

Normally closed solenoid on automotive fill meter before hose closes by emergency shut off or when not in use

Maintenance and testing schedule for fire protection controls and devices.

Fire extinguisher is inspected by outside company annually

Comprehensive dispenser inspection conducted annually by G2-LP certificate holder or higher

Facility inspection by TSSA completed annually

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| Signature<br> |  | Telephone No.<br>416-869-0317              | Date (dd-mmm-yyyy)<br>26-09-2017 |



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

1. Contacts for Emergency Response

|   |                                    |  |                                    |
|---|------------------------------------|--|------------------------------------|
| <b>1. Facility Contact Personnel - Key Contact</b>  |                                    | <b>5. Facility 24-Hour Contact Person</b>  |                                    |
| Name<br>Roland Weicht   | For Office Use - Party No.         | Name<br>Mark Matthews  | For Office Use - Party No.         |
| Official Title<br>Ontario Regional Manager  |                                    | Official Title<br>Brantford Terminal Manager   |                                    |
| Telephone No.<br>416-869-0317   | Fax No.<br>416-869-3846            | Cell No.<br>519-732-4612   | Fax No.<br>519-752-1747            |
| E-mail<br>rweicht@canpar.com  |                                    | E-mail<br>mmatthews@canpar.com   |                                    |
| Role and responsibilities in emergency<br>Represents license holder on interaction with authorities and ensures regulations are met and adhered to.                               |                                    | Role and responsibilities in emergency<br>Site liaison for enacting internal and external emergency procedures communication with emergency responders, suppliers and subcontractors |                                    |
| <b>2. Facility Contact Personnel - Alternate Contact</b>  |                                    | <b>6. Name of Facility Manager</b>   |                                    |
| Name<br>Mark Matthews   | For Office Use - Party No.         | Name<br>Mark Matthews  | For Office Use - Party No.         |
| Official Title<br>Brantford Terminal Manager  |                                    | Official Title<br>Brantford Terminal Manager   |                                    |
| Telephone No.<br>519-732-4612   | Fax No.<br>519-752-1747            | Telephone No.<br>519-732-4612  | Fax No.<br>519-752-1747            |
| E-mail<br>mmatthews@canpar.com  |                                    | E-mail<br>mmatthews@canpar.com   |                                    |
| Role and responsibilities in emergency<br>Same as key contact if other unavailable  |                                    | Role and responsibilities in emergency<br>Ensure approved procedures are followed<br>Ensure internal emergency procedures are current and employees aware                            |                                    |
| <b>3. Local Fire Services - Key Contact</b>   |                                    | <b>7. Propane Supplier Key Contact Person</b>  |                                    |
| Name<br>Dwayne S. Armstrong   | For Office Use - Party No.         | Name<br>Joe Erskine  | For Office Use - Party No.         |
| Official Title<br>Chief Fire Prevention Officer   | E-mail<br>darmstrong@brantford.ca  | Official Title<br>President of EDPRO Energy Group  | E-mail<br>jerskine@edproenergy.com |
| Telephone No.<br>519-752-0540 ext.5043  | Fax No.<br>519-752-7083            | Telephone No.<br>519-690-0000  | Fax No.                            |
| Role and responsibilities in emergency<br>Review and provide guidance on fire safety, emergency response and preparedness. Interface for invitation to conduct annual site review |                                    | Role and responsibilities in emergency<br>Technical assistance, dispatch of service technicians and specialized equipment.<br>Activate Emergency Response Assistance Plan by LPGERC  |                                    |
| Fire Services Address<br>Brantford Fire Department, 60 Clarence Street, Brantford, ON, N3T 5M3  |                                    | Propane Supplier Address<br>5 Cuddy Blvd, London, ON, N5V 3Y3  |                                    |
| <b>4. Local Fire Services - Alternate Contact</b>   |                                    | <b>8. Municipal Contact</b>  |                                    |
| Name<br>Chief Shane Caskanette  | For Office Use - Party No.         | Name<br>Jared Sheffield  | For Office Use - Party No.         |
| Official Title<br>Fire Chief  | E-mail<br>scaskanette@brantford.ca | Official Title<br>Zoning Planner   |                                    |
| Telephone No.<br>519-752-4346   | Fax No.<br>519-752-7083            | Telephone No.<br>519-759-4150 ext 5837   | Fax No.                            |
| Role and responsibilities in emergency<br>Same as Fire Services - Key Contact   |                                    | E-mail<br>jsheffield@brantford.ca  |                                    |
| Fire Services Address<br>Brantford Fire Department, 60 Clarence Street, Brantford, ON, N3T 5M3  |                                    | Municipality Name and Address<br>City of Brantford, 100 Wellington Square, Brantford, ON, N3T 5R7  |                                    |

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| Signature<br>   | Telephone No.<br>416-869-0317              |
|   | Date (dd-mmm-yyyy)<br>26-09-2017           |



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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.

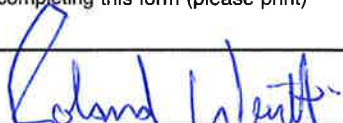
Internal valves are equipped with nitrogen charged actuators with fusible plugs

Limited scope of filling, Only Canpar owned vehicles are filled; no pilot equipped vehicles (motor homes, catering trucks) will refuel

Additional emergency stop located outside of the immediate hazard area

Power turned off when unattended

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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-mmm-yyyy)<br>Prior to activation | Print Name of Training Provider: <b>EDPRO Energy Group Inc.</b>   |
|  | Print Name of Instructor: <b>Robert Allen - PTI License T2164</b> |
| Training Date (dd-mmm-yyyy)                        | Print Name of Training Provider:                                  |
|  | Print Name of Instructor:   |
| Training Date (dd-mmm-yyyy)                        | Print Name of Training Provider:                                  |
|  | Print Name of Instructor:   |

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

|  |   |
|--|---|
| Training Date (dd-mmm-yyyy)<br>Prior to activation | Print Name of Training Provider: <b>EDPRO Energy Group Inc.</b>   |
|  | Print Name of Instructor: <b>Robert Allen - PTI License T2164</b> |
| Training Date (dd-mmm-yyyy)                        | Print Name of Training Provider:                                  |
|  | Print Name of Instructor:   |
| Training Date (dd-mmm-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-mmm-yyyy)<br>Prior to activation | Print Name of Training Provider: <b>EDPRO Energy Group Inc.</b>   |
|  | Print Name of Instructor: <b>Robert Allen - PTI License T2164</b> |
| Training Date (dd-mmm-yyyy)                        | Print Name of Training Provider:                                  |
|  | Print Name of Instructor:   |
| Training Date (dd-mmm-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-mmm-yyyy)<br>To be established at activation | Print Name of Training Provider: EDPRO Energy Group Inc.   |
|  | Print Name of Instructor: Robert Allen - PTI License T2164 |
| Target Date (dd-mmm-yyyy)                                    | Print Name of Training Provider:                           |
|  | Print Name of Instructor:                                  |
| Target Date (dd-mmm-yyyy)                                    | Print Name of Training Provider:                           |
|  | Print Name of Instructor:                                  |

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

|  |  |
|--|--|
| Target Date (dd-mmm-yyyy)<br>To be established at activation | Print Name of Training Provider: EDPRO Energy Group Inc.   |
|  | Print Name of Instructor: Robert Allen - PTI License T2164 |
| Target Date (dd-mmm-yyyy)                                    | Print Name of Training Provider:                           |
|  | Print Name of Instructor:                                  |
| Target Date (dd-mmm-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-mmm-yyyy)<br>To be established at activation | Print Name of Training Provider: EDPRO Energy Group Inc.   |
|  | Print Name of Instructor: Robert Allen - PTI License T2164 |
| Target Date (dd-mmm-yyyy)                                    | Print Name of Training Provider:                           |
|  | Print Name of Instructor:                                  |
| Target Date (dd-mmm-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).

In the event of a fire/significant propane leak the operator will activate the Emergency Stop control on the dispenser and/or vehicle

The operator will contact the Emergency Fire Services by calling 9-1-1 and initiate facility evacuation

Canpar Transportation will oversee localized evacuation of employees, customers and any others to the identified evacuation point

Facility Contact will contact propane Supplier Key Contact who will activate ERAP (if necessary) and report to TSSA through Spills Action Centre

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 operator, after activating the Emergency Stop controls will orally notify any other employees or visitors on-site to evacuate then call 9-1-1

All employees and visitors (customers) will immediately vacate the building and premises and meet at the front of the entrance to 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).

All employees instructed to and authorized to activate emergency response authorities by calling 9-1-1 upon occurrence of fire and/or significant leak

Continued flow of information to be provided as it occurs by person of responsibility to the fire services

In the event of an emergency, the site manager is required to be present to provide updated information

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

Dispenser and facility is accessible to fire department at all times

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

Fire services are formally invited for a full site review on an annual basis with supplementary site access for training or orientation as requested

TSSA conducts a comprehensive inspection annually. Site specific emergency procedures are reviewed annually with all employees

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

24 Hour Facility Contact Person will be able to respond to site in approximately 35 minutes

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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 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 type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 6. Are weighing systems validated for accuracy?   | <input type="checkbox"/>            | <input checked="" 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 type="checkbox"/>            | <input checked="" 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>104 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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| Signature<br>   | Telephone No.<br>416-869-0317              | Date (dd-mmm-yyyy)<br>26-09-2017 |



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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-mmm-yyyy)

**LOCAL FIRE SERVICES**

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

| Print name                                    | Signature | Date (dd-mmm-yyyy) |
|---|-----------|--------------------|
| Local Fire Services Name <i>see next page</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)<br>Roland Weicht | Official Title<br>Ontario Regional Manager |                                  |
| Signature<br><i>Roland Weicht</i>                                   | Telephone No.<br>416-869-0317              | Date (dd-mmm-yyyy)<br>26-09-2017 |



Technical Standards and Safety Authority  
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**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.

**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:

*How will neighbouring properties be advised of a potential emergency?*

**To be completed by the Licence Holder**

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


*Fire services advised that operator will contact emergency services using 9-1-1 and police and/or fire departments will address any evacuation requirements.*

The licence holder will respond to the Local Fire Services comments by: 22-09-2017

(dd-mmm-yyyy)

**LOCAL FIRE SERVICES**

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

|  |   |   |
|--|---|---|
| Print name<br><b>Dwayne S. Armstrong</b><br>Local Fire Services Name | Signature<br> | Date (dd-mmm-yyyy)<br><b>15-09-2017</b> |
|--|---|---|

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|   |  |                                  |
|---|--|----------------------------------|
| Name of person completing this form (please print)<br>Roland Weicht | Official Title<br>Ontario Regional Manager |                                  |
| Signature<br><i>See previous page</i>                               | Telephone No.<br>416-869-0317              | Date (dd-mmm-yyyy)<br>30-08-2017 |



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**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.**

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-mmm-yyyy)<br>30-AUG-2017                                | Capacity of single largest propane storage vessel (USWG)<br>2000 USWG |
| Tank setback coordinates. Indicate placement on the map.                      |   |
| Front: <u>95 m (312 ft)</u>   | Right side property line: <u>43.5 m (143 ft)</u>                      |
| Rear: <u>3.4 m (11 ft)</u>  | Left side property line: <u>78.3 m (257 ft)</u>                       |
| GPS coordinates of single largest vessel: <u>43° 9'15.79"N; 80°12'38.01"W</u> |   |

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|   |  |                                  |
|---|--|----------------------------------|
| Name of person completing this form (please print)<br>Roland Weicht | Official Title<br>Ontario Regional Manager |                                  |
| Signature<br>   | Telephone No.<br>416-869-0317              | Date (dd-mmm-yyyy)<br>26-09-2017 |



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**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

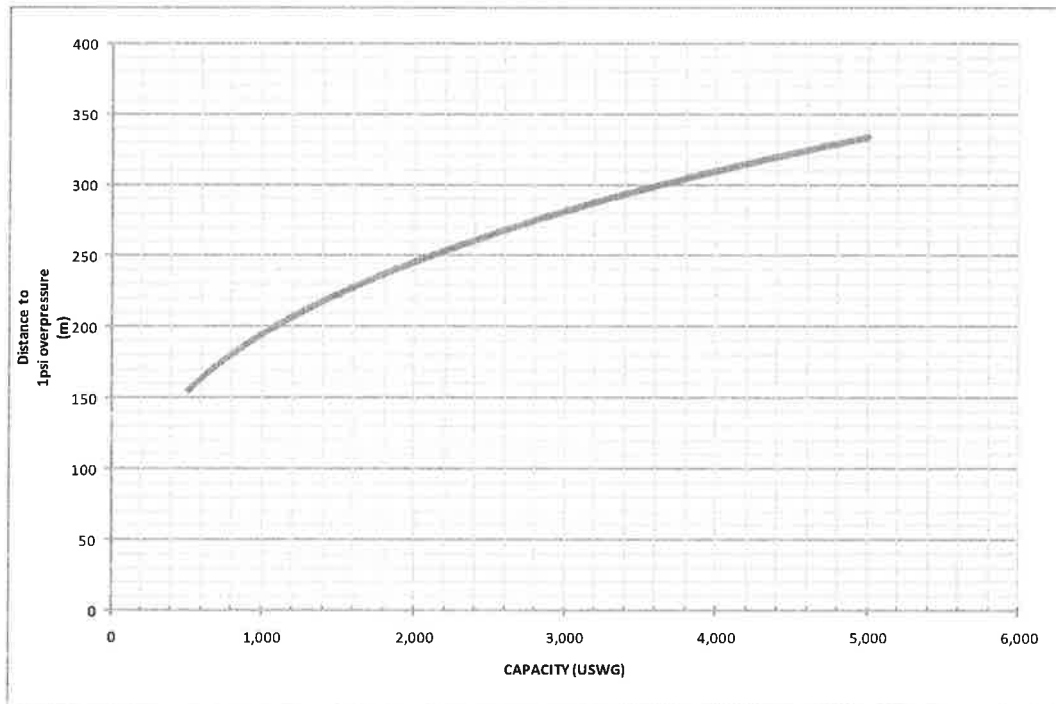
**Table 1: Distance Table**

| 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)**





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**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

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<br>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<br>Name: <u>Sherwin Williams</u><br>Address: <u>140 Garden Avenue</u><br>City: <u>Brantford</u> Province <u>Ontario</u> Postal Code <u>N3T 6H2</u>  |   |   | X    |     | <u>7.6</u> m                                      |
| Residential building units specifically permanent single family dwellings, condominiums, and apartments.<br>[Redacted]  |   |   |      | X   | <u>116</u> m                                      |
| Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes.<br>Name: <u>Multi-Tenant Retail</u><br>Address: <u>590 Elgin Street</u><br>City: <u>Brantford</u> Province <u>Ontario</u> Postal Code <u>N3S 7X2</u> |   |   | X    |     | <u>46</u> m                                       |
| Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts.<br>Name: _____<br>Address: _____<br>City: _____ Province _____ Postal Code _____  | X   |   |      |     | _____ m   |
| Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons.<br>Name: _____<br>Address: _____<br>City: _____ Province _____ Postal Code _____                                     | X   |   |      |     | _____ m   |
| Emergency responders specifically fire stations, ambulance stations, and police stations.<br>Name: _____<br>Address: _____<br>City: _____ Province _____ Postal Code _____  | X   |   |      |     | _____ m   |

\* For multi-unit buildings, count each unit as "1".

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|  |  |
|--|--|
| Name of person completing this form (please print)<br><u>Roland Weicht</u> | Official Title<br><u>Ontario Regional Manager</u>                            |
| Signature<br>  | Telephone No.<br><u>416-869-0317</u> Date (dd-mmm-yyyy)<br><u>26-09-2017</u> |



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**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            | 0        | 0                    |
| # 100                          | 29.5             | 0        | 0                    |
| # 40                           | 11.75            | 0        | 0                    |
| # 33.3                         | 9.62             | 0        | 0                    |
| # 30                           | 8.8              | 0        | 0                    |
| # 20                           | 5.8              | 0        | 0                    |
| # 10                           | 2.9              | 0        | 0                    |
| # 5                            | 1.5              | 0        | 0                    |
| <b>Total Cylinder Capacity</b> |                  | 0        |                      |

**Tanks Stored On-site Not Connected for Use**

| Tank Size In USWG          | Quantity | Total Volume in USWG |
|----------------------------|----------|----------------------|
| 0                          | 0        | 0                    |
| 0                          | 0        | 0                    |
| 0                          | 0        | 0                    |
| 0                          | 0        | 0                    |
| 0                          | 0        | 0                    |
| 0                          | 0        | 0                    |
| 0                          | 0        | 0                    |
| 0                          | 0        | 0                    |
| 0                          | 0        | 0                    |
| <b>Total Tank Capacity</b> |          | 0                    |

|   |           |
|---|-----------|
| <b>Total Cylinder Capacity</b>  | 0         |
| <b>Total Tank Capacity</b>  | 2000 USWG |
| <b>Total Portable Capacity</b><br>(Total Cylinder Capacity + Total Tank Capacity) | 0         |





**LOCATION**  
 125 GARDEN AVENUE,  
 BRANTFORD, ONTARIO  
 N3S 7W4

**PROPANE BRANCH STANDARD 9**

**Area A:** All industrial occupancy buildings within 75' of a tank

**Area B:** All buildings, other than industrial occupancy buildings within 75' of a tank

**Area C:** All industrial occupancy buildings within an area bounded by 75' and 300' from a tank

**Area D:** All buildings, other than industrial occupancy buildings within an area bounded by 75' and 300' from a tank

**Area E = Area A + 2 \* Area B**  
**Area F = Area C + 2 \* Area D**

**ABOVEGROUND TANKS**

\*NO PART OF A SCHOOL BUILDING WITHIN 300' OF THE TANK.  
 \*NO PART OF A RESIDENTIAL OCCUPANCY BUILDING WITHIN 25' OF THE TANK.

AREA A = 1,809 ft²  
 AREA B = 0 ft²  
 AREA C = 55,842 ft²  
 AREA D = 11,493 ft²  
 AREA E = 1,809 ft²  
 AREA F = 78,828 ft²

AREA E + 0.1 \* AREA F = 9,691.8 ft²  
 \*MUST BE LESS THAN 15,000 ft²

| Drawing No. | Reference Drawing | Rev | Date       | Revision Notes                    | DRW | CHK | APP |
|-------------|-------------------|-----|------------|-----------------------------------|-----|-----|-----|
|             |                   | 1   | 2017/10/03 | UPDATED FOR DISPENSER RELOCATION  | BW  | JTP | EEG |
|             |                   | 0   | 2017/09/08 | INITIAL RELEASE FOR CLIENT REVIEW | BW  | RM  | EEG |

Client: EDPRO Canpar

Project No: JRS17023

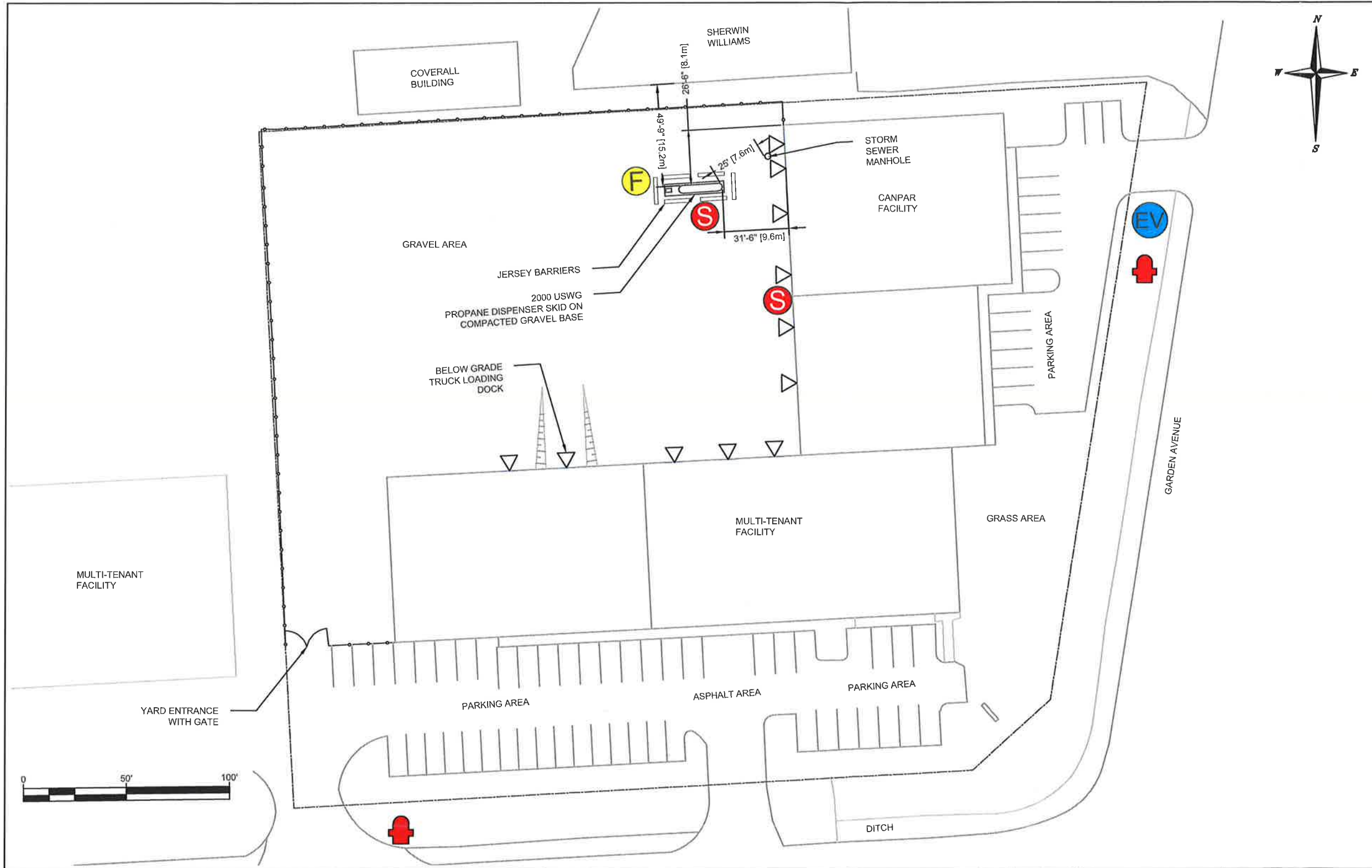
Plot Size: ANSI B Scale: AS SHOWN

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|   |                |               |
|---|----------------|---------------|
| Title: EDPRO Canpar Brantford<br>2000 USWG Propane Dispenser<br>Branch Standard 9 |                |               |
| Drawing No: EEG-CPB-B9-01   | Revision No: 1 | Sheet: 1 of 1 |



**NOTES:**

**LOCATION**  
125 GARDEN AVENUE  
BRANTFORD, ONTARIO N3S 7W4

**AREA**  
PROPERTY ≈ 2.95 ACRES (128875 ft<sup>2</sup>)

**ZONING INFORMATION**  
M2 - GENERAL INDUSTRIAL ZONE

**PROPANE STORAGE**  
[1] - 2000 USWG HORIZONTAL TANK AT 80.0%

**VEHICULAR PROTECTION**

- NEW JERSEY TURNPIKE BARRIER, NOT LESS THAN 30" (750 mm) IN HEIGHT, WITH A WIDTH OF BASE NOT LESS THAN HEIGHT
- SPACED NOT LESS THAN 42" (1080 mm) FROM ALL SIDES OF THE TANK
- TO ENSURE THAT A MINIMUM OF 42" (1080 mm) WILL BE MAINTAINED BETWEEN THE POINT OF TRANSFER AND ANY SOURCE OF IGNITION, INCLUDING VEHICLES
- JERSEY TURNPIKE BARRIERS SPACED NO MORE THAN 54" (1350 mm) APART

**CLEARANCES**

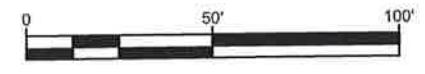
- 4' MIN. FROM A FENCE WHEN THE FENCE HAS OPENINGS GREATER THAN 2"x2"
- 10' MIN. FROM THE PROPERTY LINES, CONCRETE/MASONRY BUILDING WALLS, OR SOURCES OF IGNITION
- 25' MIN. FROM BUILDING OPENINGS AND WINDOWS
- 25' MIN. FROM ANY DRAIN, SEWER, OR PIT
- 25' MIN. FROM RAIL LINE

**SETBACKS TO PROPERTY LINE**

- FRONT (SOUTH) - 87.8 m (288 ft)
- BACK (NORTH) - 11.3 m (37 ft)
- LEFT (EAST) - 61.2 m (201 ft)
- RIGHT (WEST) - 61.6 m (202 ft)

**LEGEND**

|  |                   |
|--|-------------------|
|  | PROPERTY LINE     |
|  | FENCE             |
|  | TRUCK BAYS        |
|  | EMERGENCY STOP    |
|  | FIRE EXTINGUISHER |
|  | EVACUATION POINT  |
|  | FIRE HYDRANT      |



|             |  |  |  |   |  |   |  |  |  |
|-------------|--|--|--|---|--|---|--|--|--|
|             |  |  |  | Client  |  | Project No                              |  | Title  |  |
|             |  |  |  | EDPRO Canpar                                    |  | JRS17023                                |  | EDPRO Canpar Brantford   |  |
|             |  |  |  |   |  | ANSI B AS SHOWN                         |  | 2000 USWG Propane Dispenser  |  |
|             |  |  |  |   |  |   |  | Site Plan  |  |
| 2004-1B     |  | J.H COHOON ENGINEERING LIMITED SITE DEVELOPMENT PLAN |  | 1   |  | 2017/10/03                              |  | MOVED PROPANE DISPENSER, UPDATED SITE PLAN WITH REFERENCED DRAWING |  |
| Drawing No. |  | Reference Drawing                                    |  | Rev   |  | Date                                    |  | Revision Notes   |  |
|             |  |  |  | BW  |  | JTP                                     |  | EEG  |  |
|             |  |  |  | BW  |  | JP                                      |  | EEG  |  |
|             |  |  |  | DRW   |  | CHK                                     |  | APP  |  |
|             |  |  |  | 5 Dundas Blvd., London, Ontario, Canada N6V 3V3 |  | Phone (519) 685-7444 Fax (519) 685-2882 |  | SLEEGERS SLEEGERS ENGINEERED PRODUCTS INC.                         |  |
|             |  |  |  | Drawing No                                      |  | Revision No.                            |  | Sheet  |  |
|             |  |  |  | EEG-CPB-SP-01                                   |  | 1                                       |  | 1 of 1   |  |