



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.

<p style="text-align: center;">Failure to fully complete this form may result in rejection. Making a false statement may result in a fine or prosecution under the <i>Technical Standards and Safety Act</i></p> <p>Licence Number <input style="width: 200px;" type="text" value="76645690"/></p> <p>Check applicable type of propane operations.</p> <p> <input type="checkbox"/> Cylinder <input checked="" type="checkbox"/> Motor Fill <input type="checkbox"/> Filling Plant <input type="checkbox"/> Card/Keylock </p> <p>Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.</p>	<p style="text-align: center;">For Office Use Only</p> <div style="border: 1px solid black; height: 80px; width: 100%;"></div>
---	---

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	Corporation No.
UPS Canada Limited	
Operator Name (if different from above)	
Telephone No.	Fax No.
289-313-5801	289-313-5880
E-mail	
tredmond@ups.com	

B Street No.	Street Name / 911 Number / Address, if applicable
1930	Derry Road East
Town / City or Township / County	
Mississauga	
Province	Postal Code
Ontario	L5S 1E2

Mailing address if different from above.

C Street No.	Street Name / 911 Number / Address, if applicable
2900	Steeles Avenue West
Town / City or Township / County	
Concord	
Province	Postal Code
Ontario	L4K 3S2

Information on Container Refill Centre or Filling Plant

Location of facility.

D Street No.	Street Name / 911 Number / Address, if applicable	Nearest Major Intersection
60	Midpark Road	Highbury Avenue S and Wilton Grove Road
Town / City or Township / County		
London		
Province	Postal Code	
Ontario	N6N 1B3	

Name of Licence Holder	
UPS Canada Ltd	
Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT).	ROT type
Craig Rayner	100-02
Municipality (or municipalities if the facility or its hazard distance touches multiple borders)	
City of London	

Hours of operation: [REDACTED]

This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information.

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Print name	Signature	Date (dd-mmm-yyyy)
Name of Licence Holder <u>UPS Canada Ltd</u>		01-06-2017
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Craig Rayner</u>		16-08-17



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

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
Tank 1:	250	264-93
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 USWG Portable: 0 USWG Mobile: 0 USWG

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) Claudia Borda	Official Title Plant Engineering Supervisor	
Signature <i>Claudia Borda</i>	Telephone No. 289-695-2306	Date (dd-mmm-yyyy) 01-06-2017



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

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

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

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

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

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

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Claudia Borda	Official Title Plant Engineering Supervisor	
Signature <i>Claudia Borda</i>	Telephone No. 269-695-2306	Date (dd-mmm-yyyy) 01-06-2017



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

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. Waste oil tank - 500 gallon capacity, Waste Anti-Freeze Tank - 500 gallon capacity
Antifreeze coolant - less than 40 gallons - Automotive Lubricants - approximately 40 gallons
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 Building equipped with fire detection and notification system
Maintenance and testing schedule for fire protection controls and devices. Fire extinguisher is inspected by outside company monthly and annually Comprehensive dispenser inspection conducted annually by G2-LP certificate holder or higher Facility inspections arranged and completed by the TSSA

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) Claudia Borda	Official Title Plant Engineering Supervisor
Signature <i>Claudia Borda</i>	Telephone No. 289-695-2306
	Date (dd-mm-yyyy) 01-06-2017



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

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 Mark Gilles	For Office Use - Party No.	Name Claudia Borda	For Office Use - Party No.
Official Title London Centre Manager		Official Title Plant Engineering Supervisor	
Telephone No. 226-448-1153	Fax No.	Cell No. 289-695-2306	Fax No.
E-mail mgilles@ups.ca		E-mail cborda@ups.com	
Role and responsibilities in emergency Represents license holder on interaction with authorities and ensures regulations are met and adhered to.		Role and responsibilities in emergency Site liaison for enacting internal and external emergency procedures communication with emergency responders, suppliers and subcontractors	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Carl Toth	For Office Use - Party No.	Name Mark Gilles	For Office Use - Party No.
Official Title Alternate Centre Manager		Official Title London Centre Manager	
Telephone No. 226-268-0373	Fax No.	Telephone No. 226-448-1153	Fax No.
E-mail ctoth@ups.com		E-mail mgilles@ups.ca	
Role and responsibilities in emergency Same as key contact if other unavailable		Role and responsibilities in emergency Ensure approved procedures are followed Ensure internal emergency procedures are current and employees aware	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name John Kobarda	For Office Use - Party No.	Name Joe Erskine	For Office Use - Party No.
Official Title Fire Chief	E-mail jkobarda@london.ca	Official Title President of P38 Energy Inc.	E-mail jerskine@edproenergy.com
Telephone No. 519-661-2500 x 5620	Fax No.	Telephone No.	Fax No.
Role and responsibilities in emergency Review and provide guidance on fire safety, emergency response and preparedness. Interface for invitation to conduct annual site review		Role and responsibilities in emergency Technical assistance, dispatch of service technicians and specialized equipment. Activate Emergency Response Assistance Plan by LPGERC	
Fire Services Address 400 Horton Street, London, Ont, N6B 1L7		Propane Supplier Address 5 Cuddy Blvd, London, ON, N5V 3Y3	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Jack Burt	For Office Use - Party No.	Name Catherine Saunders	For Office Use - Party No.
Official Title Acting Deputy Fire Chief	E-mail dburt@london.ca	Official Title City Zoning Clerk	
Telephone No. 519-661-2500 x 5614	Fax No.	Telephone No. 519-661-2500	Fax No. 519-661-2332
Role and responsibilities in emergency Same as Fire Services - Key Contact		E-mail csaunders@london.ca	
Fire Services Address 400 Horton Street, London, Ont, N6B 1L7		Municipality Name and Address 300 Dufferin Avenue, London, Ont, N6A 4L9	

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) Claudia Borda		Official Title Plant Engineering Supervisor	
Signature <i>Claudia Borda</i>		Telephone No. 289-695-2306	Date (dd-mmm-yyyy) 01-06-2017



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: 1.877.582.8772

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

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

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) Prior to activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
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) Prior to activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
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) Prior to activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
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:

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) Claudia Borda	Official Title Plant Engineering Supervisor
Signature <i>Claudia Borda</i>	Telephone No. 289-695-2306
	Date (dd-mmm-yyyy) 01-06-2017



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

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) 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) 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) 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:

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) Claudia Borda	Official Title Plant Engineering Supervisor
Signature <i>Claudia Borda</i>	Telephone No. 289-695-2306
	Date (dd-mmm-yyyy) 01-06-2017



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

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** immediately by calling 9-1-1 and initiate facility evacuation

UPS Canada 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 **Emergency Evacuation Assembly Area** as identified on the site plan.

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

Canada Notification Sequence for Emergency Response guidelines attached

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 during normal business hours

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

Contact information is updated as required and updated license information is forwarded to the local fire authorities annually

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

Business Hours - Instant - Management personnel always on site. Off Hours - Local management representative can be on-site within 1 hour

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) Claudia Borda	Official Title Plant Engineering Supervisor
Signature <i>Claudia Borda</i>	Telephone No. 289-695-2306
	Date (dd-mmm-yyyy) 01-06-2017



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

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)	34.6m	
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	

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) Claudia Borda	Official Title Plant Engineering Supervisor	
Signature <i>Claudia Borda</i>	Telephone No. 289-695-2306	Date (dd-mm-yyyy) 01-06-2017



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

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

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

B. 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:

London Fire Dept has no objection to the dispenser relocation. Upon completion of the dispenser relocation and building construction, London Fire Dept will conduct a site visit & RSMP Level 1 review. The "London Fire Department Information & RSMP Level 1 Review" will also be checked for accuracy and be reviewed. - Note: changes were made to the Alternate Contact: Fire Services.

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 KYLE M KIERASZEWICZ		04/AUG/2017

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)	Official Title
Claudia Borda	Plant Engineering Supervisor
Signature	Date (dd-mmm-yyyy)
	01-06-2017
	Telephone No.
	289-695-2306



Technical Standards and Safety Authority
 www.tssa.org
 14th Floor - Centre Tower
 3300 Bloor Street West
 Toronto Ontario M6X 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

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)	Capacity of single largest propane storage vessel (USWG)
	2000
Tank setback coordinates. Indicate placement on the map.	
Front: 101.6m	Right side property line: 109.5m
Rear: 5.9m	Left side property line: 33.1m
GPS coordinates of single largest vessel:	42°55'50.79" N, 81°11'13.44" W

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) Claudia Borda	Official Title Plant Engineering Supervisor
Signature <i>Claudia Borda</i>	Telephone No. 289-695-2306
	Date (dd-mmm-yyyy) 01-06-2017



SECTION C: SUBMISSIONS (cont'd)

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

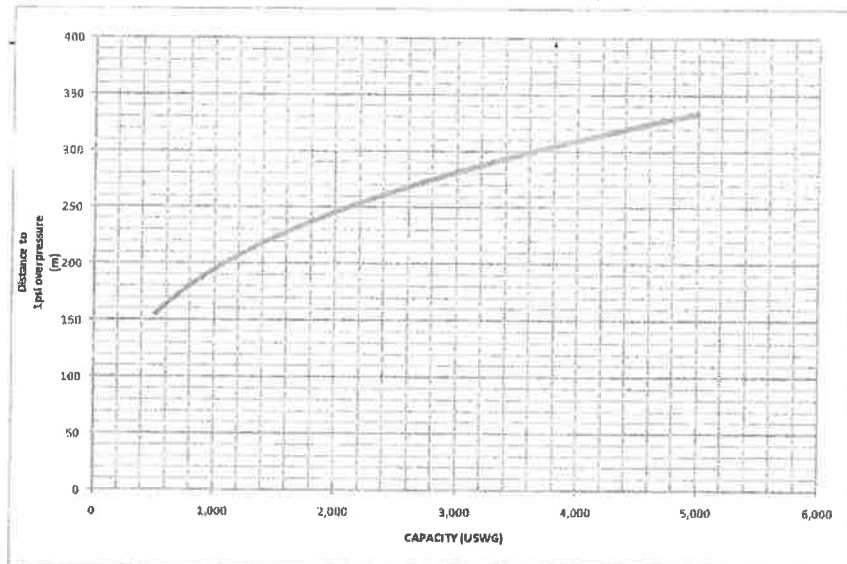
Table 1: Distance Table

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
 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

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: Vipond Fire Protection Address: 30 Midpark Crescent City: London Province Ontario Postal Code N6N 1B1				X	19.7 m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____					_____ m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: Centrefield Sports Inc. Address: 25 Midpark Crescent City: London Province Ontario Postal Code N6N 1A9				X	64.4 m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____					_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____					_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____					_____ 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) Claudia Borda	Official Title Plant Engineering Supervisor
Signature <i>Claudia Borda</i>	Telephone No. 289-695-2306
	Date (dd-mmm-yyyy) 01-06-2017



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

WORKSHEET

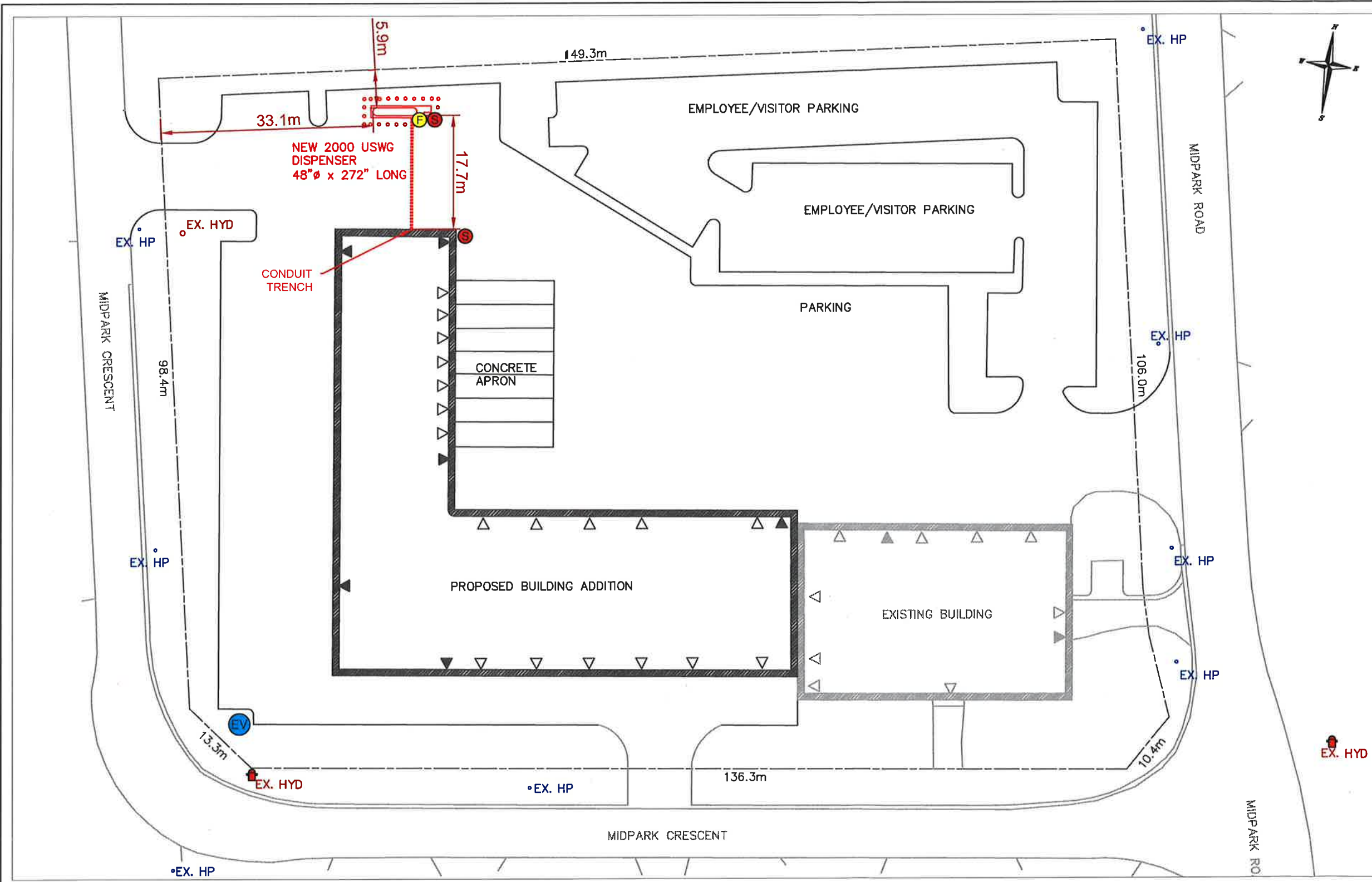
Portable Storage Additional Information Worksheet

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	6	0
# 10	2.9	0	0
# 5	1.5	0	0
Total Cylinder Capacity			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
0	0	0
Total Tank Capacity		0

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



LOCATION:
60 MIDPARK ROAD
LONDON, ONTARIO N6N 1B3

AREA:
LOT: 16,500 m²
EXISTING BUILDING: 1,175 m²
PROPOSED BUILDING: 2,698 m²

ZONING INFORMATION
CL - LOCAL COMMERCIAL DISTRICT

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

BOLLARDS
- MAX. SPACING: 54"
- MIN. BURIAL DEPTH: 36" BELOW GRADE AND EXTEND MIN. 30" ABOVE GRAVE
- SPACED AT LEAST 42" FROM TANK

CLEARANCES
- 10' [3m] MIN. FROM THE PROPERTY LINES, CONCRETE/MASONRY BUILDING WALLS, OR SOURCES OF IGNITION
- 25' [7.6m] MIN. FROM BUILDING OPENINGS AND WINDOWS
- 25' [7.6m] MIN. FROM ANY DRAIN, SEWER, OR PIT
- 25' [7.6m] MIN. FROM RAIL LINE

SETBACKS TO PROPERTY LINE
NORTH: 19' [5.9m]
EAST: 359' [109.5m]
SOUTH: 333' [101.6m]
WEST: 109' [33.1m]

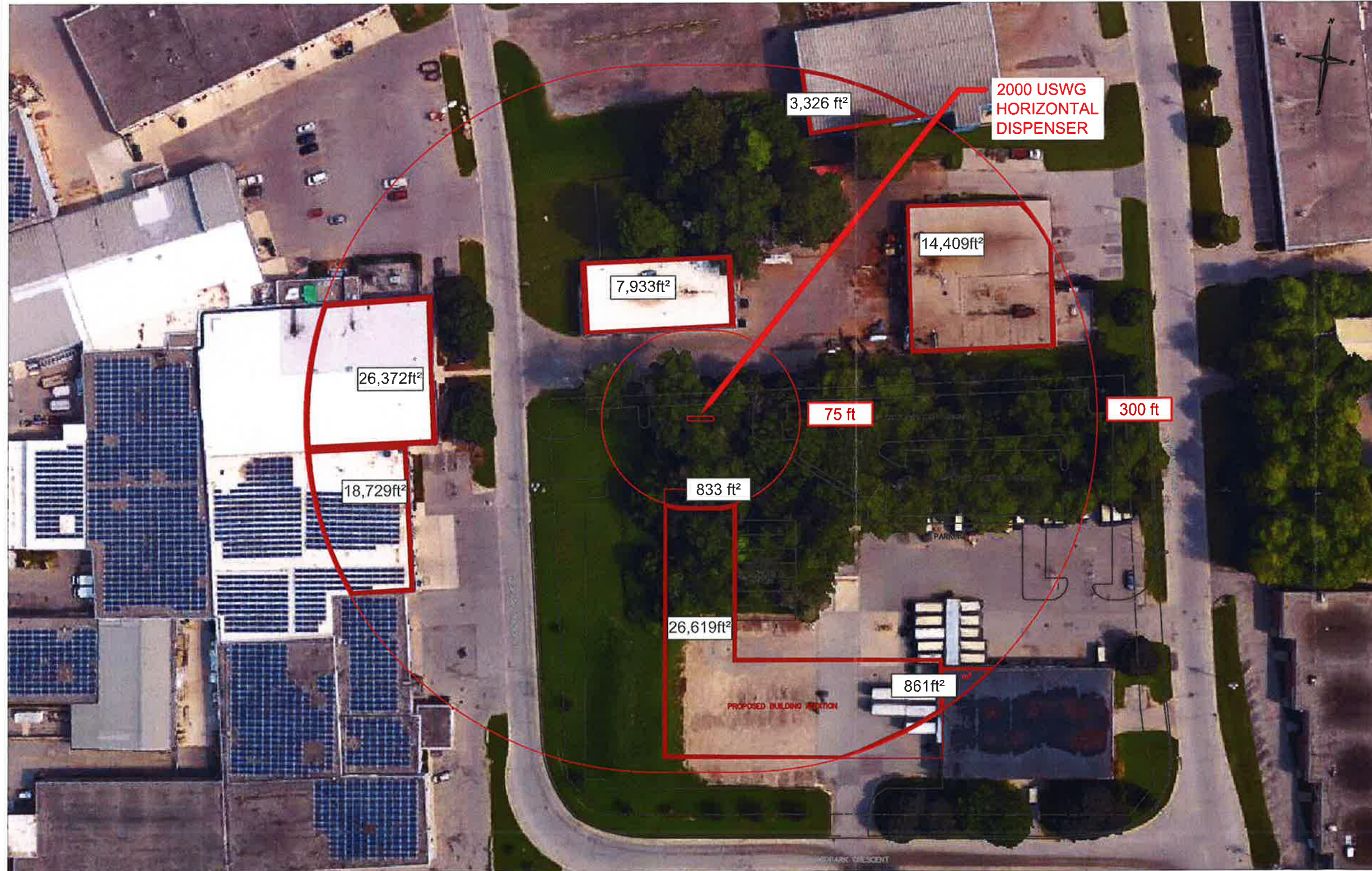
- LEGEND**
- EMERGENCY STOP
 - FIRE EXTINGUISHER
 - EVACUATION POINT
 - FIRE HYDRANT
 - BAY DOOR
 - MAN DOOR

Seal	Client

PROPRIETARY NOTICE - THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO SLEEGERS ENGINEERED PRODUCTS INC. AND SHALL NOT BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, NOT USED FOR AN REASON WHATSOEVER INCLUDING RESEARCH, DEVELOPMENT, DESIGN AND MANUFACTURE EXCEPT WHEN SUCH USER POSSESSES DIRECT, WRITTEN, AUTHORIZATION FROM SLEEGERS ENGINEERED PRODUCTS INC.

SLEEGERS SLEEGERS ENGINEERED PRODUCTS INC.
5 Cuddy Blvd. London, Ontario, Canada N5V 3Y3 Phone (519) 665-7444 Fax (519) 665-2882

EEG-DUL-CONC	UPS LONDON CONCRETE	0	18/05/17	INITIAL RELEASE	PJ	JP	JE	Drawn By	PJ	Date	18/05/17	Title	UPS London Dispenser Relocation Site Plan			
DRAWING No	REFERENCE	REV	DATE	REVISION	DRAWN	CHECK	APPROVED	Checked By	JP	Scale	1:100		Project No	EEG16025	Sheet	1 of 1
								Approved By	JE	Plot Size	ANSI B	Drawing No	EEG-DUL-SP-02	Rev	0	
								Client Project	EEG							



LOCATION
60 MIDPARK ROAD
LONDON, ONTARIO N6N 1B3

PROPANE BRANCH STANDARD 9

Area A: All industrial occupancy buildings within 75' [22.9m] of a tank

Area B: All buildings, other than industrial occupancy buildings within 75' [22.9m] of a tank

Area C: All industrial occupancy buildings within an area bounded 75' [22.9m] and 300' [91.4m] of a tank

Area D: All buildings, other than industrial occupancy buildings within an area bounded 75' [22.9m] and 300' [91.4m] of a tank

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

ABOVEGROUND TANK

*NO PART OF A SCHOOL BUILDING WITH 300' OF THE TANK.

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

AREA A = 883 ft²
AREA B = 0 ft²
AREA C = 98,748 ft²
AREA D = 0 ft²
AREA E = 883 ft²
AREA F = 98,748 ft²

AREA E + 0.1 * AREA F = 10,757 ft²
MUST BE LESS THAN 15,000 ft²

Seal

Client



PROPRIETARY NOTICE - THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO SLEEGERS ENGINEERED PRODUCTS INC. AND SHALL NOT BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, NOT USED FOR ANY REASON WHATSOEVER INCLUDING RESEARCH, DEVELOPMENT, DESIGN AND MANUFACTURE EXCEPT WHEN SUCH USER POSSESSES DIRECT, WRITTEN, AUTHORIZATION FROM SLEEGERS ENGINEERED PRODUCTS INC.

SLEEGERS SLEEGERS ENGINEERED PRODUCTS INC.
5 Cuddy Blvd, London, Ontario, Canada N6V 3Y3 Phone (519) 685-7444 Fax (519) 685-2862

EEG-DUL-SP-02	UPS LONDON DISPENSER RELOCATION SITE PLAN	0	19/05/17	INITIAL RELEASE	PJ	JP	JE	Drawn By PJ	Date 19/05/17	Title UPS London Dispenser Relocation Branch 9 Project No EEG16025 Drawing No EEG-DUL-B9-02	Sheet 1 of 1 Rev 0
DRAWING No	REFERENCE	REV	DATE	REVISION	DRAWN	CHECK	APPROVED	Checked By JP	Scale 1:100		
								Approved By JE	Plot Size ANSI B		
								Client Project EEG			



PUBLIC RECEPTORS	
1	FRITO LAY
2	TORONTO CAT
3	MULTI-TENANT COMMERCIAL
4	DIELCO INDUSTRIAL CONTRACTORS LTD
5	ECLIPSE PROMOTIONAL PRODUCTS
6	BEDELLS
7	HOSE TECHNOLOGY INC
8	THE FLUID POWER HOUSE INC
9	GREEN EARTH
10	KIRCHWALD BODY MAINTENANCE
11	JOHN THOMPSON MOVERS
12	CONVOY SUPPLY
13	IRON MOUNTAIN
14	TFT GLOBAL INC
15	GENTEK
16	CENTREFIELD SPORTS INC
17	CONCEPT MILLWORK CORPORATION
18	WESTERN FIRE PROTECTION INC
19	AIR DESIGN SERVICES
20	VIPOND FIRE PROTECTION
21	BRADKEN - LONDON LTD
22	LONDON MECHANICAL SERVICES LTD
23	LONDON AUTO MODIFIERS
24	COMPUTATA SYSTEMS
25	TAKE A BREAK BAR & GRILL
26	NORAMCO

LEGEND	
[Green Box]	LOW DENSITY RESIDENTIAL (LR)
[Red Box]	HIGH DENSITY RESIDENTIAL (HR)
[Blue Box]	INDUSTRIAL
[Black Box]	COMMERCIAL
[White Box]	AGRICULTURAL/VACANT LAND
[Red Line]	SENSITIVE PUBLIC
[Red Line]	PROPERTY LINE

LOCATION:
60 MIDPARK ROAD
LONDON, ONTARIO N6N 1B3

SETBACKS TO PROPERTY LINE
NORTH (REAR): 15' [3.9m] SOUTH (FRONT): 35W' [109.5m]
EAST (RIGHT): 333' [101.6m] WEST (LEFT): 10E' [3.1m]

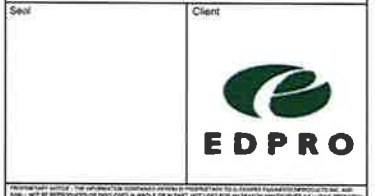
ZONING INFORMATION
LI - LIGHT INDUSTRIAL ZONE

PROPANE STORAGE
[1] - 2,000 USWG HORIZONTAL TANK AT 80.0%

PLANNING ACT REQUIREMENTS:
THIS PROPERTY RESIDES WITHIN THE CITY OF LONDON. THE TSSA HAZARD DISTANCE IS DEFINED BY THE ADVISORY "PS-09/195 LEVEL 1 RSMP APPLICATION, AT 80.0% CAPACITY.

GPS COORDINATES:
42°55'50.79" N, 81°11'13.44" W

MUNICIPALITY CONTACT:
CITY OF LONDON CLERK
CATHY SAUNDERS
PHONE: (519) 861-2489 x4937
300 DUFFERIN AVENUE



SLEEGERS SLEEGERS ENGINEERED PRODUCTS INC.
1 Centre Blvd., London, Ontario, Canada N6J 2J3 Phone: (519) 861-2489 Fax: (519) 861-2492

EEG-DUL-SP-02	UPS LONDON DISPENSER RELOCATION SITE PLAN	0	02/06/17	INITIAL RELEASE	PJ	JP	JE
DRAWING No	REFERENCE	REV	DATE	REVISION	DRAWN	CHECK	APPROVED

Drawn By	PJ	Date	02/06/17
Checked By	JP	Scale	1:100
Approved By	JE	Plot Size	ANSI B
Client Project	EEG		

Title	UPS London	Sheet	1 of 1
Project No	EEG16025	Rev	0
Drawing No	EEG-DUL-MOSA-02		