

REGISTRATION FORM

Pursuant to Part cE-142 of the Environmental Protection Act

NAME OF UNDERSTANDING: Commercial Spray Painting Booth

C&W Offshore Ltd.
113 Glencoe Drive
Donovan's Industrial Park
Mount Pearl, NL

PROPONENT:

- (i) Name of Corporate Body: C&W Offshore Ltd.
- (ii) Address: 16 Lintrose Pl.
Mount Pearl, NL
A1N-5K2
- (iii) Chief Executive Officer: Stephen Crane
President
16 Lintrose Pl.
Mount Pearl, NL
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- (iv) Principal Contact: Stephen Crane
President
16 Lintrose Pl.
Mount Pearl, NL
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scrane@cwoffshore.ca

1.0 The Undertaking:

1.1 Background:

C&W Offshore has been operating a fabrication facility at 113 Glencoe Dr. since May of 2005. Since that time, we have been subcontracting painting services to various local companies, often, at cost to our own company. Recently, our main painting subcontractor has decided to close his business. This means paint costs will go higher and thus we have to start our own. This also allows us better quality control as well as production optimization.

1.2 Nature of the undertaking:

C&W Offshore has recently moved to a new facility on Lintrose Place, leaving the 113 Glencoe Building vacant. Our current plan calls for the erection of a Quonset hut on the premises at 113 Glencoe which will be used for a Sandblast Room. The existing building then be outfitted with a downdraft or sidedraft paint booth. It also has an overhead crane which is required, as the company fabricates large, heavy steel components, and therefore is ideal.

1.3 Purpose / Rationale / Need for the Undertaking:

To date, C&W Offshore has been at the mercy of subcontractors when it comes to scheduling for paint etc. Also as we could not control the price of our painting for jobs and therefore lost countless jobs because our pricing was too high. We have also noticed a lot of requests from customers for us to re-furbish some of their existing equipment and at times have not been able to accommodate. Also with our main subcontractor closing his business, the need is now more than ever there for our own painting facility.

2.0 Description of the Undertaking:

2.1 Geographical Location:

The civic address of the proposed facility is 113 Glencoe Drive, Donovan's Industrial Park, Mount Pearl. There are two main renovations / additions to be undertaken. The first is the addition of the Quonset hut at the rear of the building. The second is the installation of a paint booth inside the building. Figure 1 shows the location of the building. Appendix 1 includes location map and survey drawing of site.

2.2 Physical Features:

The physical features of the building at 113 Glencoe will pretty much stay the same. The addition, which will only be visible from the rear of the building, will be the only exterior change, other than some dust collection units. Figure 2 shows the current façade of the building. Appendix 2 includes layout drawing of paint booth and blast bay.

The nearest residential home to 113 Glencoe Drive is approximately 1.5km, straight line distance.

The adjacent buildings (looking from the road) are:

- Left Side – A Transportation / Lifting Company
- Right Side – Government Records Storage Facility
- Directly Behind – Pipe inspection yard
- Across the street – Beer Distribution Warehouse

Donovan's Industrial, where the site is located, is zoned by the city as "Industrial Light Use". The definition as the city defines it is:

"Light industry, service station, restaurant, take-out food service, recreational open space, general garage, educational and shop use in association with light industrial use, office, general service, communications, taxi stand, police station, indoor market (auction hall), automotive sales, and health club, furniture and appliance showroom, existing dwellings, and civic use."

This definition is far from accurate, as there are numerous industrial and heavy industrial facilities operating in the park. There are three other blasting and painting facilities within a 1/2km Radius of 113 Glencoe Drive alone.



Figure 2 – 113 Glencoe Drive, Street View

2.3 Construction:

The construction of the blast room will start as soon as a permit is issued from the city. The time is estimated to take 3 – 4 weeks.

2.4 Operation:

2.4.1 Description of Operation

The operation at this facility will typically involve sandblasting, painting and packaging for shipment. Items being processed will include structural steel frames, stairs, shipping containers etc. The hours of operation are Monday to Friday, 8:00 am to 4:30 pm. While we have not secured the filtration system yet, the dust collection system we are investigating can filter 99% of air borne particles over 20 microns. It has been sized at 25,000 CFM for our requirements by Professional Engineers licensed to practice here in Newfoundland and Labrador.

Our paint booth is a reconditioned unit we will be purchasing from a vendor in the US. It will be approximately 25' wide x 40' long x 60' high. It will also have filtration built into the system so as to capture any particles that are present in the overspray from the painting.

The development of this facility is subject to a discretionary use permit from the City of Mount Pearl as well as this environmental assessment.

2.4.2 Estimated Period of Operation

This facility will be a permanent operation used to support the fabrication work of our main facility on Lintrose Place.

2.4.3 Potential Source of Pollution

The paints we use are typically epoxy and urethane based. These are standard in the industry and used in various paint shops in the area. We will have our paint booth fitted with filters which can remove up to 99% of particulates in the air. The particulates will then be collected in a dedicated container and collected by a certified waste management company. All paint will be stored in accordance with government policies for similar materials.

The blast media we will be using is not a silica based product. As previously mentioned, dust will be collected by a unit designed for purpose.

The bottom line is, because of the industry we are in and our concern for the environment in general, we aim to have ZERO discharge. Being in the offshore industry, our clients hold us and we hold ourselves to the highest of standards. Being safe and non-threatening to the environment are two of our priorities.

2.4.4 Occupants and Job Creation

There will be a total of approximately 4 persons working at the 113 Glencoe Facility. Three sandblaster / painters and one laborer. All administrative and management will be run from our Lintrose Place location. These 4 positions will be new. The NOC identifiers for the positions would be NOC 9496-C for the Painters and Blaster, and NOC 9612 for the Labourer.

3.0 Project Related Documents:

The only related documents is the discretionary use permit information to the City of Mount Pearl. A information session was held, and one person attended. He owned neighboring buildings, and was only concerned about possible fumes entering his facility. He was unaware that a paint shop operated across the street from him, up-wind from his building, and has never had any issues from them. We agreed to do what we reasonable could to accommodate him via placing any exhaust stacks etc away from his building. The city should have more information on this.

There are no environmental related documents to accompany this application.

4.0 Schedule:

- An application was filed with the City of Mount Pearl on January 6, 2011.
- Multiple emails were exchanged back and forth regarding layout etc.
- April 27th a letter went in the paper seeking input from concerned parties:
 - o There were two inquiries. One was satisfied with the answers received, the other attended the briefing session.
- A briefing session was held May 10th to answer questions of any area residents (see 3.0 above for commentary on that).

We have the Quonset hut on site, and equipment sourced. We are estimating approximately 6 – 8 weeks for completion once all permits are in place.

5.0 Funding:

There has been no funding for this project from any government body. We have funding available from the bank as well as our own investment. The estimated total investment for this project is in the range of \$250,000.00



Stephen Crane
President
C&W Offshore
June 13, 2011

Appendix 1:

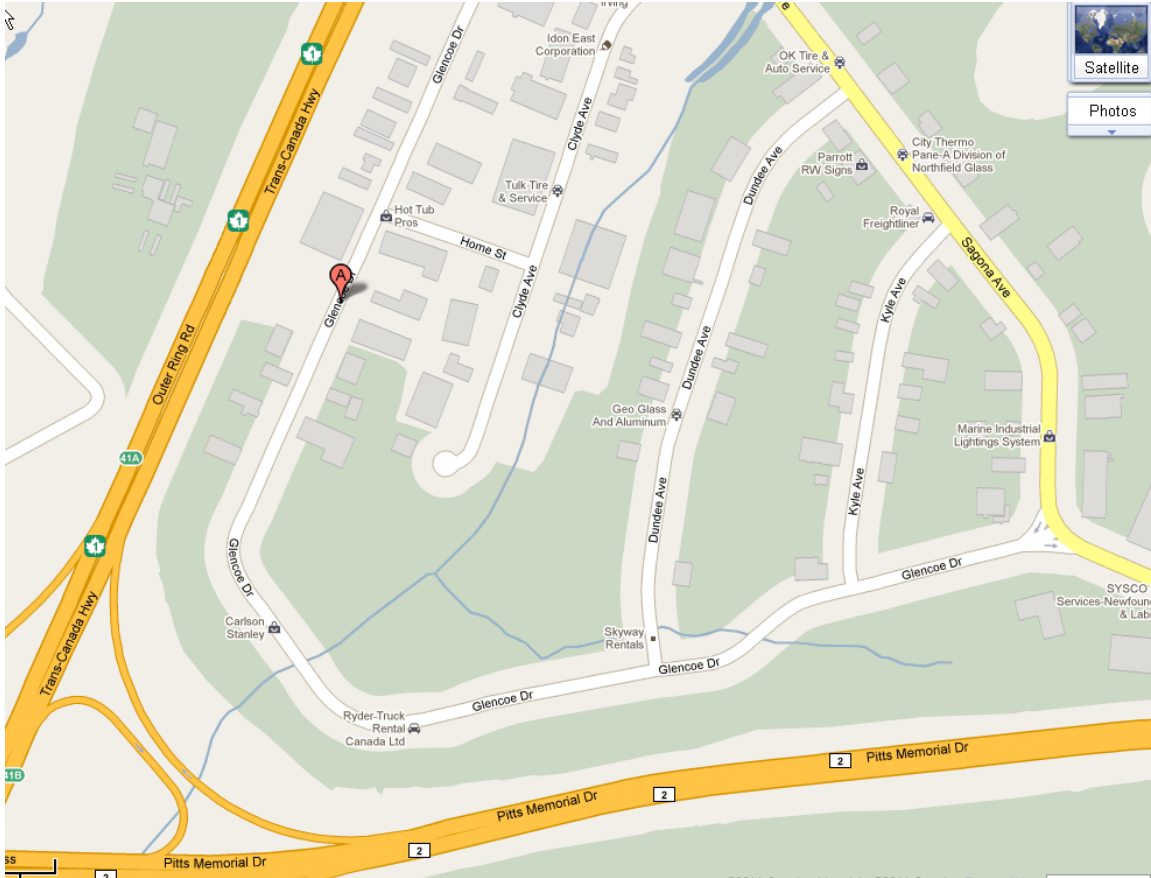
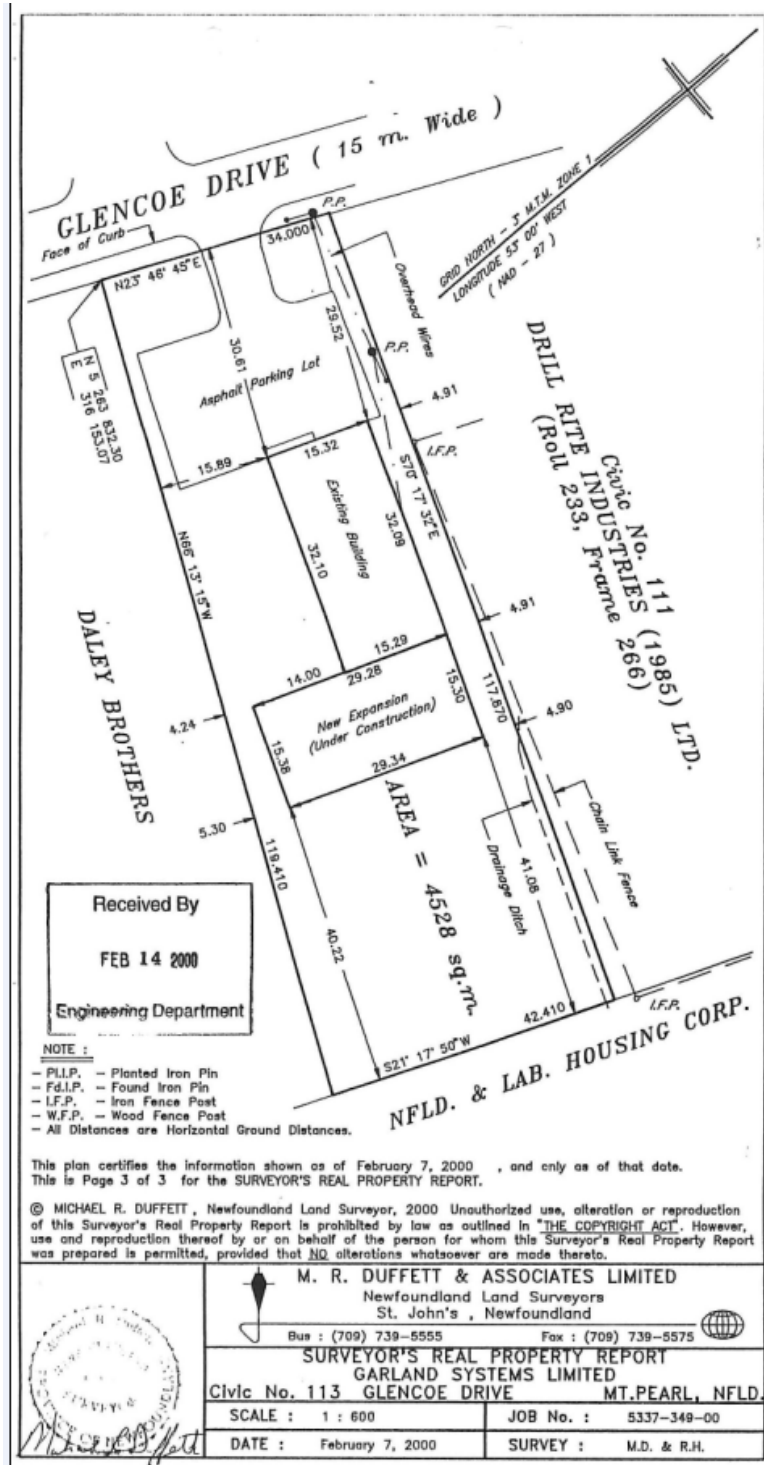


Figure 1 – Map of 113 Glencoe Dr.

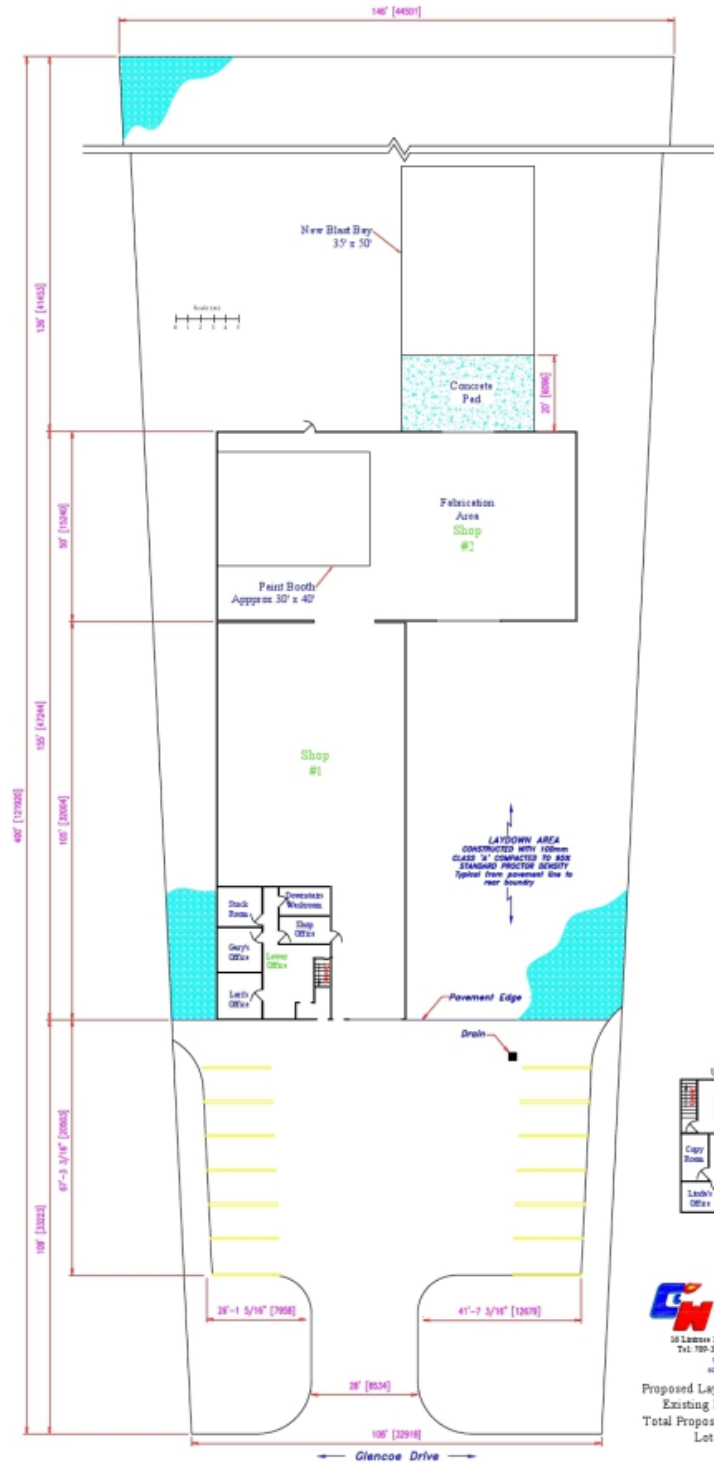


113 Glencoe Drive Site Survey

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Appendix 2:



Proposed Layout: 113 Glencoe Drive
 Existing Floor Space = 929m²
 Total Proposed Floor Space = 1100m²
 Lot Size = 4450m²

113 Glencoe Dr. Proposed Layout