

**Client:** 108 Downie Street, Stratford, Ontario

**Topic:** Remove multiple layers of paint from historical building

### **Situation**

Our client was:

- ∴ A century-old commercial building undergoing a complete restoration to the property.

### **Challenges**

The challenges facing us were in:

- ∴ One of the multiple layers of paint was found to contain lead so collection of all run off and paint removed was required.
- ∴ Pedestrian traffic on public sidewalk surrounding the building.
- ∴ Clay brick, so harder media would result in profiling (pitting) and softer media would result in worming (paint is non-uniformly removed, causing tunneling through the brick).
- ∴ The front of the building is east facing so the sun would dry out stripping chemicals quickly if applied in the morning hours.
- ∴ Multiple applications of chemical stripping required to remove many layers of paint.

### **Actions**

The actions we took to address these challenges were:

- ∴ Use of an articulating lift which allowed the erection of fencing and plastic on the sidewalks to contain the run off and debris from paint removal and to prevent pedestrian traffic in the hazardous area.
- ∴ Use of chemical stripping with hot water pressure washer at approximately 2,500 psi removed the paint with minimal issues.
- ∴ Applying chemicals to the front of the building during the afternoon and using hot pressure wash the following morning to remove chemical and paint.
- ∴ Up to three applications of chemical stripping to remove all paint layers was necessary.



### **Results**

Our actions resulted in:

- ∴ Restoration of the original look of the building.

For additional information, or to discuss your requirements, please contact:

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