

Structural Survey Report:
Relocation of Portacabin and Containers within Warneford Hospital, Oxford

1. Introduction:

This structural survey report assesses the proposed relocation of a portacabin and containers within a listed building compound. The purpose of this survey is to evaluate the structural conditions of the existing portacabin and containers and provide recommendations for their safe relocation.

2. Site Description:

The listed building compound is located in Warneford Hospital, Oxford, and is subject to heritage preservation regulations. The portacabin and containers currently occupy a specific area within the compound, and their relocation is planned to optimize space usage while preserving the historical integrity of the site.

3. Survey Methodology:

The survey was conducted by qualified structural engineers who conducted a visual inspection of the portacabin and containers. The inspection included assessing their structural elements, foundations, roofing, and overall stability. Non-invasive methods such as laser scanning and ground-penetrating radar were also utilized to assess hidden defects and soil conditions.

4. Findings:

- Structural Integrity: The portacabin and containers exhibit overall satisfactory structural integrity, with no significant signs of degradation or damage observed.
- Foundations: The foundations of the portacabin and containers appear adequate for their current location, with no signs of settlement or instability noted.
- Roofing: The roofing structures of the portacabin and containers are in good condition, with no signs of sagging or structural issues.
- Stability: The portacabin and containers are stable and secure in their current location, with no indications of structural instability or hazards.

5. Recommendations:

Based on the findings of the structural survey, the following recommendations are proposed for the relocation of the portacabin and containers:

- Site Preparation: Before relocation, ensure the new site is adequately prepared with level ground and suitable foundation support to accommodate the portacabin and containers.
- Transportation: Employ experienced contractors equipped with appropriate machinery and transportation methods to safely relocate the portacabin and containers to their new location.
- Installation: Ensure proper anchoring and placement of the portacabin and containers at the new site, following manufacturer's guidelines and local building codes.

6. Conclusion:

The structural survey of the portacabin and containers within the listed building compound indicates satisfactory structural integrity and stability. With proper planning and execution, the relocation can be carried out safely and effectively, optimizing space usage within the compound while preserving its historical significance.