

Listed Building Consent 2007/5230/L
Condition 21a (viii) rev A

METHOD STATEMENT FOR THE LIFT INSTALLATION INTO GRANARY BUILDING

Nature of the Proposal

To advise on the proposed installation of lifts into the Granary Building.

Reason

To comply with the Planning Condition set out under Listed Building Consent 2007/5230/L Condition 21-a-(viii).

Method Statement Sequence (Enabling Works)

The new lift installation is fixed outside the Granary Building on its northern elevation. A slot will be cut into the brickwork forming the external wall. This opening is covered under Condition 21-a-(viii). The new lift pit for the hydraulic lifts will be excavated in the previous east-west link road. The work sequence will consist of:

- Mark out the position of the lift shaft onto the existing brick wall
- Saw cut the brick wall for its full height and full depth
- Starting from the top carefully remove the bricks and set aside as salvage for re-use on the site.
- When the wall has been removed to ground level the new lift pit will be excavated.
- Temporary sheet piles will be installed around the three sides of the lift pit. The fourth side is the original Granary Building north elevation wall.
- The lift pit will be excavated to full depth, approximately three metres. Steel box frames will support the sheet piles to protect the excavation from collapse.
- The existing Granary wall, within the lift pit, will be carefully broken out. All bricks that come away from the lime mortar bed joints are to be set aside as salvage.
- When the wall has been removed to the depth of the base of the lift pit a new concrete lift pit base will be cast off the retained section of wall and new piles. The existing Granary Building walls are known from trial pits to have a depth exceeding six metres.
- The new concrete walls of the lift shaft are then cast off the pit base up to new ground level.
- The base for the lift shaft is completed with the casting of a concrete slab over the location of the hydraulic oil tank.
- The lift shaft structure above ground level is constructed from a new structural steel frame.
- The structural steel frame is constructed off the pit walls and tied back to the brick walls of the Granary Building. The new steel frame supports the existing floor joints at each floor level and the Granary Building roof above.

Lift Installation

- The lift installation will be installed within the new structural steel frame.
- The new structural steel frame is installed within the zone of the wall previously removed and extends out into the east-west link.

Completion of Lift Installation

- The lift installation is complete at ground floor with the installation of a glass screen guard at ground floor.

Attached Drawings***Weedon Partnership Drawings***

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|---------------|----|---|
| 15900/G/A1010 | 17 | Proposed Ground Floor General Arrangement |
| 15900/G/A1500 | 4 | Lift Details Sheet 1 of 2 |
| 15900/G/A1501 | 2 | Lift Details Sheet 2 of 2 |
| 15900/G/A1152 | 10 | Proposed North Elevation |
| 15900/G/A1615 | 2 | Proposed Lift Details Setting Out |
| 15900/G/A1176 | 12 | Proposed Section B-B |
| 15900/G/A1185 | 5 | Proposed Section L-L |

AKS Ward Lister Beare Drawings

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|---------------------|---------------------------|
| H079114/STRU/G/30/L | Lift Details Sheet 1 of 2 |
| H079114/STRU/G/31/M | Lift Details Sheet 2 of 2 |

All works will be supervised by a competent supervisor.

No deviation is to be made to this method statement without it being confirmed in writing by the Construction Manager of BAM Construction.