

## *Standard Risk Control Arrangements*

### *Demolition and Site Clearance*

#### **Information Required Before Commencing Demolition**

Demolition Definition: Work Involving the removal of the structural fabric of a building

- A. Ensure information given in The Pre-Construction Information Pack, including any existing drawings of the building(s) is sufficient to carry out the demolition. REQUEST FURTHER INFORMATION if that given is not sufficient.
- B. Involve a Mansell appointed structural engineer in a Demolition Survey of every building to be demolished to identify key structural elements of the building(s) and their condition, and connection of the structure with other structures not to be demolished.
- C. Assess the need for temporary propping during demolition of the building(s). Liaise with a Mansell appointed structural engineer for temporary works design, and any sequence for installation prior to demolition and removal during demolition.
- D. A demolition sequence must be in place for EACH building to be demolished, this must take the structural make up of the building into consideration so that elements are removed from the building in a manner that will not undermine the structure and cause uncontrolled collapse.
- E. Demolition subcontractors must have access to a Structural Engineer for advice and information.
- F. Where demolition subcontractors are not members of the National Federation of Demolition Contractors (NFDC), then a full supply chain audit of the company must be carried out in advance of their appointment. Approval must also be sought from the Divisional Managing Director.
- G. Demolition subcontractors are considered to have a CTR of 1 and a SMP will be required
- H. Where demolition is carried out close to a public footpath, a 2m high fence must be erected around the demolition area.
- I. Demolition Method Statement shall be devised to ensure the safety of operatives, other site users and the public.

#### **Information Required Before Commencing Site Clearance**

- J. Ensure information given in the Pre-Construction Information Pack includes Site Investigation and a chemical analysis as well as details from the Local Authority Contaminated Land Register – to determine any contamination. Request further information if that given is not sufficient.
- K. Ensure that any remediation plans are approved.

#### **Training and Capability**

- L. A supervisor competent in the type of demolition to be carried out will control the works, be on site at all times and follow the Risk Assessment and Method Statement for demolition.
- M. All operatives must hold a Demolition Operatives Scheme Card and will be trained in Risk Assessment and Method Statement and in the use of the required PPE.
- N. Only trained and competent persons shall operate machinery used in demolition.
- O. All personnel who could likely disturb asbestos while carrying out their work, or who may influence how work is carried out on a Mansell project, will have undergone asbestos awareness training through a provider who has signed up to the Asbestos Training Providers Code of Conduct (verified by holding code of conduct certification containing the ATPR and HSE code of conduct logo).

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### **Control Arrangements**

- P. Areas where demolition is to take place must have restricted access and be cordoned off from the rest of the works with signage informing everyone of the hazard.
- Q. Scaffolding used for demolition must be enclosed with monoflex and must be tied into the structure being demolished. Ties can be removed as demolition progresses, and the scaffold must be dismantled as the building comes down.
- R. Mansell shall formally request sight of the Client's Asbestos Register, in all buildings before work commences, especially if built before 1980 (this information should be in the Pre-Construction Information Pack).
- S. All buildings that are subject to demolition or internal alterations will have a type 3 asbestos survey carried out before commencing demolition
- T. Ensure all services are disconnected and confirmed as dead in writing prior to demolition being carried out
- U. Ensure that all substances hazardous to health are removed from the building under controlled conditions, including asbestos, anthrax contaminated plaster, Lead, and any chemicals of waste residue from previous uses of the building(s).
- V. Trees and shrubs to be left untouched, shall be securely signed and protected to prevent accidental removal or damage, by fencing at a distance of half the height of the tree.
- W. Before trees or parts of trees are removed the Local Authority shall be consulted.
- X. Areas of wild life shall be protected and the LA, EA, SEPA or RSPCA shall be consulted for the level of protection required.
- Y. The burning of material/rubbish on site is not permitted as SRCA 06
- Z. Noise sensitive sites will take ambient noise levels before commencement of work and monitor noise as works progress.
- AA. Materials leaving site will abide by SRCA 18.
- BB. Safe working places shall be provided in line with SRCA 12.
- CC. Operators of plant and machinery used shall be adequately protected from falling materials
- DD. Dust and noise suppression techniques shall be used
- EE. All those involved in Demolition or Refurbishment works shall wear FFP-3 RPE, to ensure protection against first contact with unknown asbestos
- FF. Subcontractors must be responsible for the management and supervision of the loading/unloading of their materials from vehicles.
- GG. Loading and/or off-loading of lorries will be undertaken in accordance with the Balfour Beatty guidance document BB-WI-05.

### **Other Local Control Arrangements**

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