WINDMILL

DEMOLITION - REMEDIATION - ASBESTOS REMOVAL

PLANNING AND BUILDING CONTROL
30 OCT 2012

Outline Method Statement

OUTLINE

Demolition & Associated Works

Former Lodge Blackley

Contract Title: Demolition and Associated Works

Site Address: Former Lodge, Our Ladys R.C College, Chain Road, Blackley, M9 6GN
Issue: 1
Reference: D2858-Outline
Date: 30th October 2012
Compiled by: *KD Taylor MIDE-AIIRSM-S.A.C Dip (Safety Management)*

Congregation of The Good Shepherd

NFDC

1. Method of Work (OUTLINE ONLY)

This method statement will be further developed within the CPH&SP and must to be read in conjunction with the associated Risk Assessments.

A Demolition/Refurbishment survey has been received at time of compiling this outline method of works.

OUTLINE

1.1 Erection of Block and Mesh Fencing

The block and mesh fencing will be erected by operatives using the following method:
The block feet will be transported to the fenceline area using wheelbarrows where possible, and by hand using the correct manual handling techniques. They will be placed on firm level ground to guarantee correct alignment is maintained
The mesh panels will then be carried by a minimum of 2nr operatives per panel and placed into the location points on the blocks, once several panels have been erected, the panels will then be double clipped to ensure stability prior to commencing the next section.
Upon completion of the entire fenceline the operatives will check the security of the fastenings before leaving the area.
Warning signage will fixed to the exclusion zone at regular vantage points.

1.2 Disconnection/Protection of Live Services

Isolation certificates or visual evidence of disconnection will need to be obtained for gas, electric, water, data, telecoms prior to demolition. As so far as reasonably practicable.

All services in close proximity to the works must be disconnected where possible. Any services that cannot be isolated outside the work area will be highlighted and protected prior to any demolition works.
Dependent upon the nature of the live service, the type of protection will be determined by the Site Manager.

1.3 Removal of ACM's

Additional RAMS for the licensable ACM's will be supplied by our licensed removal company.

All ACM's will be removed in line with CAWR 2012

1.4 Drop/Loading Zones

Block and mesh fencing will be erected to form secure drop zones to the rear elevation, these will be double clipped with warning signage attached. Work will cease periodically too allow clearance of the drop zones. This will be controlled by the site manager.

1.5 Loose items

Loose items of furniture etc are to be removed by the operatives and transported to the loading zones. Items are to be removed whole where possible and loaded directly into awaiting skips.
If necessary, large, bulky items may be reduced in size to aid removal (e.g. dismantling desks/tables etc). Any reduction works are to be carried out to ensure that the resultant items are not a hazard to operatives (e.g. sharp edges, protruding screws, nails).

1.6 Soft-Strip

The structures are to be soft stripped of any remaining fixtures and fittings following ACM removal by demolition operatives using approved methods, utilizing hand held tools including, but not restricted to, pinch bars, hammers, mattocks, shovels and wheelbarrows. Materials are to be kept in their separate categories where possible for recycling purposes.

1.7 Skirting Boards & Door Frames

Skirting boards and door frames are to be removed by operatives using a combination of hand tools. The items are to be prized from their place of fixing. Any obtrusions and nails are to be made safe, with all resultant materials then being transported by hand/rubble trucks to the designated disposal point.

1.8 Suspended Ceilings

The suspended ceilings are to be removed by operatives working from mobile tower scaffolds erected by PASMA trained operatives or podium steps, suitably positioned. As the ceiling tiles are removed, by pushing the tile up and out of the frame and twisting it sideways to enable removal, whole and intact they are to be lowered to ground in a controlled manner by passing them down to the ground operative. At ground level they are to be periodically collected and bundled into man hand able sized parcels using adhesive tape. As the works progress the suspension system is to be removed by the operatives working from the tower scaffold/podium. Working from the platform the fixings are to be cut as flush to the ceiling as possible using hand held cold cutting tools (nips and/or croppers). Once again the removed items are to be lowered to ground in a controlled manner where they are to be transported by hand to the designated disposal point.

OUTLINE

1.9 Removal of Roof Slates

A scaffold handrail and edge protection will be erected prior to removal. Operatives working form the highest point will remove the slates in reverse order to installation. The slates will then be handed to operatives in a MEWP and lowered to ground level.

1.10 Demolition of Building

Care is to be taken at entry point during demolition process to ensure that the integrity of the remaining structure is not undermined.

The structure is to be remotely demolished by a 360˚ rig fitted with a hydraulic grab attachment.
Working in a systematic manner and section by section, the demolition excavator will remove a section of the roof, placing the resulting timbers to one side ready for removal.
The remaining roof tmbers will then be removed. The now exposed external walls will be carefully peeled back and allowed to fall in a controlled manner within the exclusion zone.
Removal of the external walls will expose the intermediate timber floor sections, these will be carefully removed by the excavator along with any other materials.
The internal walls are to be demolished into the footprint of the building once the intermediate floors have been removed by the 360˚ rig. The process is to be repeated in this manner systematically working section by section. The sequence will be, roof, external walls, internal walls, floors and finally rear walls. The roof/top floor is to be removed to a suitable point which offers safe access for the 360˚ rig, whilst ensuring the integrity of the remaining structure as far as possible.
This systematic bay by bay sectional demolition will aid structural integrity whilst the works are being carried out.
As the works progress and the structures are reduced, the resultant elements are to be processed by the 360˚ rig into the separate waste streams, ready for removal. Materials are to be loaded directly into awaiting dumper and are to be removed at periodic intervals to promote a clean, tidy and safe working environment.

OUTLINE

1.11 Floor Slab Areas

The hard standing/floor slab areas are to be broken out using 360˚ excavators fitted with a combination of hydraulic breakers and/or buckets. Care will be taken to minimize dust, vibration and noise levels during this operation. Once the elements have been removed and stockpiled by the excavator, the materials may need to be reduced in size using 360˚ excavator(s) fitted with concrete pulverizing attachments.

1.12 Footings/Bases

The footings will be broken out by the excavator fitted with hydraulic breakers and/or buckets. These will be loaded onto wagons and removed from site.

1.13 Site Finish

The area will be left clean, level and hazard free upon completion.

OUTLINE

21. Handover

Upon completion the works will be inspected by the site manager and client's representative to ensure that all the work has been completed to the client's satisfaction.
A job completion certificate will be issued and signed by both Windmill and the Client's representative.