

Job/Subject: Brockwood Hall
Millom

Demolition Method Statement

Job No: 5972

Date: 22 March, 2021

Please find below a demolition statement that runs through the stages that will be undertaken to demolish the existing swimming pool building at Brockwood Hall, Millom.

Demolition Method Statement

1.0 Introduction

1.1 The following statement is prepared to enable Copeland Borough Council an insight to the methodology of the demolition of an existing swimming pool at Brockwood Hall, Whicham, LA18 5JS.

1.2 The works of the building to be demolished are as follows:

1.2.1 Service disconnections

1.2.2 Asbestos is not evident or suspected on site and therefore it is not proposed to carry out an asbestos survey pre demolition. However, in case of any potential asbestos containing materials being suspected/found within the building, structures and sub floor structures, a suitably approved licensed asbestos removal contractor will be contacted and instructed to deal with the asbestos. Work on the demolition will be suspended until the attendance of such person.

1.2.3 Form site compound, set up welfare facilities, muster points and secure the site to be demolished, install protective measures within the existing site surface water drainage system to prevent contamination during the proposed works.

1.2.4 Carry out internal soft strip of the swimming pool building, removing doors, door frames, tiling ect.

1.2.5 Strip out windows and stud walls (Non structural members), recycling materials and fixtures where applicable. Hand demolition proposed for these removals

1.2.6 Remove roof mechanically, as per all super structure. All materials to be removed from site for recycling/disposal.

1.2.7 Remove walls mechanically, as per all super structure. All materials to be removed from site for recycling/disposal.

1.2.8 Remove raised foundations and levels

1.2.9 Back fill and level swimming pool

2.0 Site Staff - TBC

3.0 Site Hours -TBC

Monday - Friday 8.00 am - 5.00 pm

4.0 Operation 1 - Site Establishment

4.1 The swimming pool building will be situated within a secure boundary, with the perimeter lined with Heras fencing and a sturdy lockable gate.

4.2 Warning signs will be displayed at the appropriate points around the the perimeter of the

site.

4.3 All visitors must sign in at the site office. they will be inducted into the activities being carried out on site that day and will be required to wear the appropriate PPE. They will be escorted by the site manager.

4.4 Fencing will also be used to ensure that retained site features are protected from the demolition process. These include: existing trees, retaining walls and surrounding buildings.

5.0 Asbestos Removal (if Required)

5.1 Where asbestos is found on site, a suitably approved licensed asbestos removal contractor will be instructed to carry out the removal of all asbestos containing products.

5.2 No activities will commence on site until we have confirmation from the suitably approved licensed asbestos removal contractor that all the asbestos has been removed and that the areas are safe to re enter.

6.0 Cable Strip

6.1 Any electrical cabling will be removed from the swimming pool building and recycled off site, prior to soft stripping and demolitions of super structure.

6.2 No cable stripping will commence until the electrical supplies to the pool have been irreversibly isolated by a suitably qualified electrician or local electrical supplier.

7.0 Soft Stripping

7.1 An internal soft strip of the buildings will be carried out by demolition operatives to remove as much of the internal waste materials from the swimming pool building ahead of the demolition work.

7.2 Material that are to be removed by the internal soft strip can included, doors, doors frames, fixed and non fixed furniture, carpets and floor coverings. This will also include toilets, pipe work, ducting, any remaining electrical items and any debris.

7.3 At no times will operatives gain access to the partially demolished or unsafe building to recover the materials/items discussed above, these material will be removed by mechanical means and when safe to do so by hand.

8.0 Remove Windows and Studs Walls

8.1 The removal of windows and stud wall can commence once all soft furnishings have been removed to allow ease of movement through the buildings.

8.2 Operative will strip out windows , studs walls, frames and timber of any description (not appertaining to the roof or main structure).

8.3 At no times will operatives gain access to the partially demolished or unsafe building to recover the materials/items discussed above, these material will be removed by mechanical means, and when safe to do so, by hand.

9.0 Roof Removal

9.1 Starting with the highest point of the roof, mechanically remove segments of the roof away from the retaining wall and retained structures. Ensuring the area being demolished has been cleared of personnel and equipment. Only once the area has been deemed safe can any personnel re-enter the area.

9.2 The roof shall be removed predominately by demolition type excavators, fitted with controlled attachments such as mechanical grapples, concrete breakers, buckers and other such attachments.

9.3 Although it is intended that the roof will be removed mechanically, if there are segments that are needed to be removed or assessed by hand or operator, the use of a cherry picker or scissors lift will allow access to the high level areas.

9.4 All roof debris to be broken down into smaller pieces and then skipped.

9.5 If any hazardous materials are found, work must cease and an suitably approved licensed removal contractor will be instructed to carry out the removal of all hazardous products. Work on the demolition will be suspended until the attendance of such person.

10.0 Removal of Remaining Super Structure.

10.1 Starting with the highest points of the remaining super structure and working the way down to the substructure, the walls that remain will be removed mechanically. Ensuring the area being demolished has been cleared of personnel and equipment and only once the area has been deemed safe can any personnel re entry the area.

10.2 All debris and large wall pieces to be pulled away from the retaining walls, trees and existing structures.

10.3 All debris to be broken down into smaller pieces and then skipped.

11.0 Removal of raised foundation slabs.

11.1 Once the super structure has been removed and cleared from the building footprint, work can commence making good the foundations slates to ensure a level site.

11.2 After consulting the client and design team with regards to the chosen final datum level of the swimming pool plot, work to remove all raised foundation slabs will ensure the site will be level once demolition is completed.

11.3 Work to level the remaining foundation slabs can be carried out mechanically using the escalator with a concrete breaker or by demolition operators utilising heavy duty breakers.

11.4 Areas that require more care should be dealt with by hand, using hand tools such as hammers and chisels.

11.5 Ensure that all rubble is removed from the site to ensure health and safe is adhered to.

12.0 Back Fill & levelling of the Pool

12.1 Once the datum level is established and the foundation level demonstrates this level.

12.2 The pool void requires back filling utilising aggregate from the site demolition's. Ensuring the final floor/pad is stable and secure.

NB:

Where possible materials stripped from the swimming will be sorted and recycled if possible. Any clean and untreated timber will be segregated from the general waste and will be dealt with by a specialist company.

The materials will be loaded into the on site skips by use of Excavator or by hand.

All waste materials removed from site that are unsuitable for recycling will be transported from site where it will be taken to the appropriate facilities to be dealt with.

A dust suppression system consisting of fine mist of water spray will be available on site if required during any point of the demolition.

Due care and attention will be taken to protect the retaining wall south west of the swimming the pool. The wall is NOT to be demolished and it is paramount that the wall is still structurally sound following the demolition of the pool building.

During the Demolition phase the site management will ensure that no portions of the swimming pool building are left in a unsafe manner overnight.

Site inspections are to happen regularly to ensure the safety of the Demolition team.

Risk reduction

All persons on site must wear hi-visibility clothing at all times. Full protective equipment shall be issued to those on site and must be worn.

A banks man will be present during the loading of demolition materials onto truck, ensuring that traffic management on and surround the site is arrange if and when required.

Keeping the working area tidy to reduce the risks of trips and falls.