

DEMOLITION METHOD STATEMENT

Introduction

1. This Demolition Method Statement has been prepared on behalf of LonX Four Limited to support a Prior Approval for Demolition application at Manor Farm rear of No. 8 Wood Lane, Norton-Juxta-Twycross, Atherstone, Leicestershire, CV9 3QB. The building to be demolished is identified on the attached Demolition Site Plan, drawing no. A-D10-001, prepared by Marrons.
2. This Statement sets out the proposed programme and method of works, identifies any particular risks and details the Health and Safety measures that will be taken on site.

Building to be Demolished

3. The building to be demolished is an agricultural storage barn, located towards the southern boundary of the site as identified on the attached Demolition Site Plan. The barn has a GEA of *circa*. 560sq.m, and is constructed from a steel frame. The walls are constructed from a mixture of blockwork and corrugated metal sheeting. There is corrugated metal sheeting to the roof, and a solid concrete floor throughout.

Programme of Works

4. A secure site boundary will first be erected from Heras fencing, to enclose and separate the working demolition areas from the wider site.
5. Warning signs (as described below) will be displayed at an appropriate point on the Heras fencing:
 - Danger Demolition in Progress
 - Danger Demolition Keep Out
 - Personal Protective Equipment Required
6. All demolition workers and visitors to the site will be asked to wear the required PPE at all times in the vicinity of the site.
7. Any electrical cabling will first be removed for recycling prior to soft stripping and the demolition of the structure. No cable-stripping work will commence until the electrical supplies to the site have been irreversibly isolated either to the main distribution board by the local electricity supply company or from the main distribution board by a suitably qualified electrician. In either case an isolation certificate will be required and will be displayed within the site office. The removal of cable insulation and armour is to be undertaken using a purpose-built machine, as they have a number of safety features such as guards and remote emergency stops.
8. It is proposed that an internal soft strip of the building will then be carried out, to remove any deleterious material. This will include for example the removal of all doors, frames, windows, pipe work, ducting and any debris. All soft stripped materials will be processed

and segregated into individual waste/recycling streams. All materials deemed suitable for recycling will be loaded into suitable skips and transferred from the site to a suitable recycling venue. Any materials deemed as not suitable for recycling will be removed from site in skips as controlled waste to an appropriately licensed landfill site.

9. Once the soft strip has been completed, demolition of the super structure down to slab level will take place via mechanical means. The metal roof and wall cladded sheets will all be removed by use of a demolition excavator fitted with a grapple type attachment (bar for the bay closest to the adjoining grain store to be retained, which will be taken down by hand to avoid any accidental damage from machinery). The blockwork will be removed using a bucket attachment, to push the walls over into the building footprint. Once the building has been reduced to a steel frame, it will be systematically cut down using the shears on the 10t excavator. Each roof truss will be cut free of the head of one of the supporting columns and lowered towards the ground; the other end of the roof truss will be free of the head of the supporting column and lowered to the ground, still using the shears attachment on the 10t excavator. Isolated columns will be folded-over horizontally by application of force at two-thirds height by the 10t excavator. Once horizontal, the column will be cut at its base and recycled as scrap. The floor slab will be left in-situ any excavated areas will be backfilled using certified site won or imported material.
10. All of the materials gathered from this will transported off site for recycling, or disposal if the former is not possible.

Health and Safety Measures

11. An accident book and a copy of this Method Statement will be kept on site under the control of the Site Supervisor and can be inspected at any time. All accidents are to be reported and entered in the site accident book.
12. A 'no smoking on site' policy will be adhered to at all times. All operatives on site must wear full PPE in accordance with HSE requirements including safety boots, hard hats and a high visibility vest and LEP (Light Eye Protection). A supply of spare health and safety equipment will be kept on site for the duration of the demolition, to include hard hats, hi-vis vests, overalls, gloves, goggles and masks.
13. Adequate segregation of pedestrians and vehicular traffic will be maintained at all times. Reversing of vehicles and plant will be minimised at all times. This will be emphasised on the site induction for all operatives.

Work Involving Particular Risks (CDM 2015 – Schedule 3)

14. Working at height will be restricted to the minimum with the majority of high-level demolition work being carried out via mechanical means, such as demolition type excavators and plant fitted with controlled attachments (e.g. mechanical grapples, concrete breakers, concrete pulverisers and buckets). Where working at height may be required, access will be gained by using a Cherry Picker or Scissor Lift type Mobile

Elevated Work Platform. All non-asbestos roof and wall sheets will be removed by mechanical means, to prevent workers from being put at unnecessary risk.

15. If asbestos is found to be present in the building to be demolished, a licensed Asbestos Removal Contractor (ARC) will be appointed to carry out the removal of all asbestos containing products, and the HSE will be notified under the statutory ASB5 form. No further activities will be carried out on the building to be demolished until confirmation from the ARC that the areas are safe to enter has been received.

Summary

16. The method of demolition discussed above is considered suitable for the type of building to be demolished. The health and safety of workers and visitors has been considered, with suitable measures put in place to ensure everyone's safety.