Construction and Environmental Management Plan

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Description of Works

1. Demolish existing scout hut building and remove
2. Create suitable foundation for new lightweight timber frame single storey building
3. Erect timber frame single storey building
4. Landscape to finish

Responsible People

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Site Working Hours

Monday to Friday
8am to 4pm

Saturday
9am to 12pm

Site Logistics

The site has very limited access via a single footpath from The Bishopric. All materials will need to be moved in and out via this footpath (Pending any other accesses being granted). The main concerns will undoubtedly lie with the Old Bookshop and Number 96 residents. Whilst it will be impossible for us to construct a building in silence, we have made plans to the following.

Complete change of building type: The previous granted planning was for a brick and block-built unit with brick chimney stack. By changing the construction to lightweight timber frame and single storey we have cut down drastically on the amount of heavy materials required to complete the project.

Barrowing out to skips and grab lorries not to be undertaken at unsociable times of day, we suggest 9am onwards rather than starting any operation of this sort at 8am.

Barrows to be pneumatic tyre type wherever possible, this includes material transportation trucks as illustrated below.

As we have now owned the site for over 2 years we have a better handle on the existing construction of the



Deliveries will be arranged solely by site manager/owner (SL) so no vans and lorries blocking highways or driveways looking for site. All merchants will be fully informed with written instructions and maps of how to get to site with phone numbers. Wherever possible materials will be collected and delivered using our own vans and trucks.

Contractor parking: as the site and our build team are both small, we anticipate no more than 2 vans/trucks in the vicinity at any one time. Parking will be in the nearby bishopric by ticket or town centre car park following dropping off tools. I will travel in by bicycle.

Skips and grab lorries will have their own relevant council permits, there is a suitable area off the road on a large patch of pavement that would mean no parking spaces would need to be taken up should the council agree to this in the fullness of time.

Storage of materials will be under large marquee, this will also house chop saws and the like to mitigate sawdust blowing around the site. Site plan below.



Dust and Noise

Whilst there will be noise and dust associated with any construction project we hope the construction type will limit this by its own nature. The main concern regarding dust will be the demolition of the scout hut, not particularly the building itself but the breaking up of any foundations that need to be removed. In the instance of using vibration tools and the like to break up concrete the stop dust all areas will be wetted down regularly to avoid this.

Unless we manage to obtain access through any neighbouring gardens the maximum size and items of plant are as follows:



Specifications

Fuel

Diesel

Height

1490mm (59")

Width

690-840mm (27-33")

Dig Depth

1500mm (59")

Dig Reach

2700mm (106")



Engine	4 Stroke Rato
Transmission	Auto hydraulic
Displacement	212cc
Dimensions (LxWxH)	2100x735x1180mm

Forward top speed	3.2kph
Reverse top speed	1.2kph
Weight	390kg
Loading capacity	500kg

Amendments September 2024 – Dust mitigation and general site cleanliness checks

As we have owned the site for 2 years now we have a better handle on the building that is there and what is consists of:

The roof is wooden with felt over – removal of this and take away – expected dust content is LOW

The windows are UPVC - removal of this and take away – expected dust content is ZERO

Internal doors are wooden - removal of this and take away – expected dust content is ZERO

The internal panelling and wall make up of the building is fibreboard and hardboard - removal of this and take away – expected dust content is LOW (Hardboard) and MEDIUM (Fibreboard).

To the rear of the property there is an all wooden lean to - removal of this and take away – expected dust content is LOW

The main dust creating factor to the demolition will be the brick built part of the hut. To prevent repeated trips down the corridor it is our intention to crush the brick to use as oversight for the concrete raft foundation – expected dust creation from this is HIGH

To mitigate this we will erect a marquee on the site whilst crushing the bricks to prevent pluming of dust around the build, this is in addition to wetting down prior to and during demolition.

There are no real foundations to the building, only soldier bricks onto the clay. As discovered when digging test pit.

There is a concrete base for the wooden lean to which will also be crushed using the same method.

Due to the shallow raft foundations we are distributing the clay around the site rather than removing.

The clay will be wet as we dig for certain as we intend to start as soon as this is signed off. Dust from extraction will be extremely low if not zero.

Dust emissions will be assessed and checked by myself, site manager or lead engineer of groundworkers.

The access path is solid concrete all the way from the gate to the existing building. As the site now has electricity we will have a brush and pressure washer available at the site entrance. This is purely a precautionary measure though as the only unloading should be dry construction materials. Wood, windows, plumbing and electrical equipment rubber roofing etc.

Tigerbite 400 crusher





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