

Design access statement: Change of use to metal recycling yard from concrete plant.
H&H Metal Recycling Ltd

Site address Former Lafarge Concrete Wombwell Lane Stairfoot Barnsley S70 3NS

Statement

The application is for the change of use from cement manufacturing to a metal recycling yard. H&H Metal Recycling Ltd wish to relocate their growing metal recycling business to this site, as they are outgrowing their present site.

The activities consist of the collection of waste metal from the public and commercial outlets. This metal is brought to the site in either 3.5-ton flatbed trucks or 8 wheeler vehicles, and tipped at specified areas of the yard. The site personnel will sort the metal into the many grades required to be supplied to their buyers for further processing. Both manual sorting and the use of a mobile grab is used.

The sorted materials is placed in designated bays constructed around the North East and North West boundaries of the site. Commercial reasons may dictate that a individual pile of metal stored may reach 5m high at some times. In line with environmental permit rules and regulations.

The bays will be constructed of preformed concrete panels, 3m high, aligned with the NE and NW boundaries, as shown in site layout, and the rear walls of the bays will be continued around the whole NE and NW boundaries of the site, for security purposes and to mitigate visual intrusion.

Access to the site is via A633 - Wombwell lane.

There are no proposals for toilet facilities.

Area of site

The site is 2633 Sqm.

Layout

The initial metal lay down area will be to the left (North west of the site)

The site office and weighbridge will be to the front of site as you enter (South)

Sorted metal bays will be on the northeast boundary of the site.

Parking area for 5 cars and one lgv. (Southeast of the site)

Temporary container for storage of non-ferrous metals (east of the site)

Scale

The mobile site office located on the southeast boundary will measure 6058 mm (19 ft 10 ½ inch) long x 2438mm (8ft) wide x 2591 mm (8ft 6 inch) high.

The weighbridge located in front of the site office on the south east boundary will measure 15000mm (49 ft 2 inch) long and 3000mm (9ft 8inch) wide.

The initial metal lay down area on the north west will be made up off two bays each measuring 8000mm wide (26 ft 2 inch) long x 4000mm (13ft 1 inch) long x 3000mm (9ft 8 inch) high

The sorted metal bays on the north east will be made up of 5 bays each measuring 3000mm (9ft 8 inch) long x 3000mm (9ft 8 inch) wide x 3000mm (9ft 8 inch) high .

The temporary storage area will consist of a mobile container measuring 6058mm (19ft 8 inch) long x 2438mm (8ft) wide x 2591mm (8ft 5inch) high.

Landscaping

5 no car parking spaces and 1 lgv space.

The site is hard landscaped – existing concrete.

Existing trees around the site shall be retained.

Preformed concrete panels will be installed around the NE and NW boundaries at a height of 3000mm for security purposes and to mitigate visual intrusion.

Vehicle access and movements

The site will make use of existing access and egress onto the A633 Wombwell Lane, adopting a one way system on site using a entrance and exit only. Expected vehicle movements created will be 8 smaller 3.5-ton vehicles and 2 heavy 8-wheeled vehicles per day, during the opening hours.

Working hours

Working hours at the site will be 08:00 to 17:00 hours Monday to Friday, 08:30 to 14:00 hours Saturday and will be closed Sundays and public bank holidays.

Materials and quantities to be stored on site.

Materials accepted and stored on site will be only dry metals containing no hazardous materials or chemicals. Material storage will not exceed 5m in height and be no more than 100 tons on site at any one time as permitted with environmental agency T9 waste permit already in place. All metals will spend short times in laydown area when tipped, as will be lifted in to sealed roll on roll off skips.

Expected volumes to be received weekly to site will be in the range of approximately 50 to 60 tons. Which will be brought to site from public, builders, plumbers, farmers and commercial outlets to be recycled and saved from landfill.

Material volume will be controlled digitally by what is received in and removed from site, material pile heights will also be controlled and monitored manually by height markers place around storage areas and a fixed marker on the grab.

Employment

The site will employ 7 full time employees on a permanent basis.

Noise

There is no excessive noise associated with the process and the site is well away from any residential areas. Therefore, it is not thought that a noise impact statement is necessary.

Machinery

There is only one machine to be used on site which is a 18 ton excavator fitted with a grab for loading materials. Estimated to be used approximately 2 hours per day during working hours. A gas-powered forklift will also be used for unloading and loading on site. Estimated also to be used 2 to 3 hours per day during working hours.

Permits

Following Environmental agency guidelines, a T9 waste exemption permit is already in place for the site and will also have follow up inspections. A scrap metal dealers license will also be applied for if planning permission is successful due to planning permission been a condition to been able to apply for such license.

Conclusion

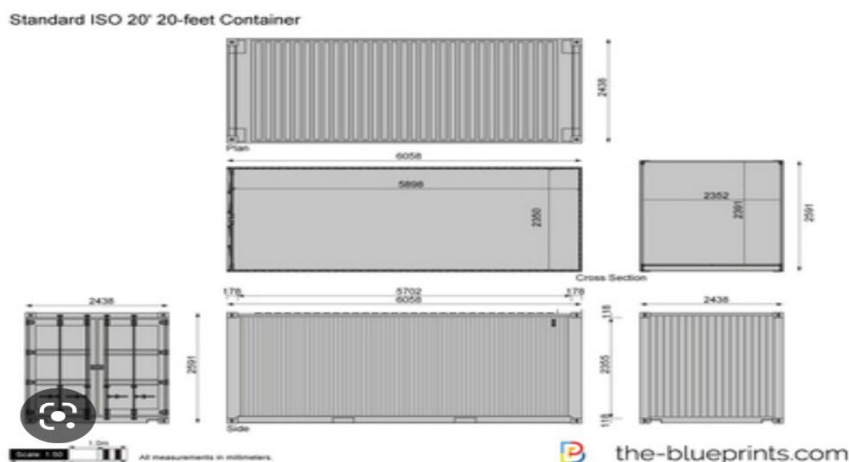
H&H Metal Recycling will provide a valuable service to the public and small businesses in the area. A facility where scrap metals can be taken and saved from landfill is a sustainable business. Many customers are unable or know of similar facilities further afield therefore many recyclable products ending up in domestic waste and then landfill.

With the operation been small in scale, the quantity of metals been stored or handled is limited.

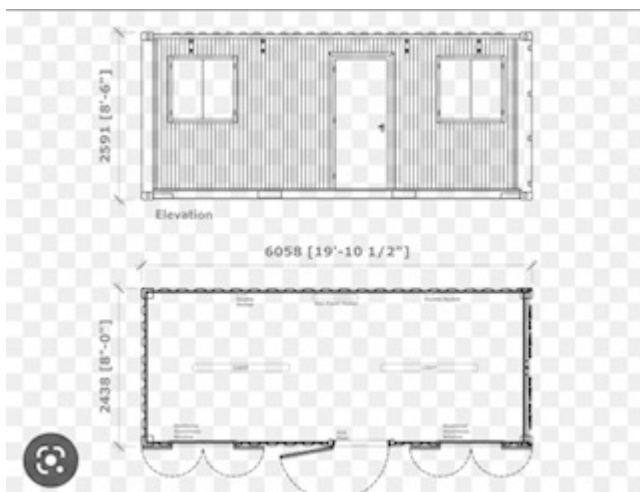
The proposal accords with Barnsley's Waste Municipal Waste Strategy with reducing waste from landfill to be recycled. None of the metals been transferred and recycled are hazardous to the environment. This proposal is purely providing a service which supports this strategy.

With approximately 340,000 tons of waste produced per year and on a steady increase, it is clear from the above that our proposal provides a beneficial service to Barnsley.

STORAGE CONTAINER



OFFICE BLOCK



Weighbridge



Laydown area example

