SRS DEMOLITIONS LTD

WASTE MANAGEMENT PLAN

1.0 Demolition Recovery Index

Component	DRI	Target	Method
Timber	90%	90%	Shredding – Recycling
Hardcore & Concrete	100%	100%	Crushing- Recycling (RCA)
Non Ferrous Metals	100%	100%	Recycling
Ferrous Metals	100%	100%	Recycling
Glass	80%	80%	Recycling
Hazardous			Landfill – Specialist waste handlers
Mixed General			Inert and metals removed via shredding and magnets and used for producing roads on landfill

Note* The recovery potential shown in this example is indicative only and will vary depending on the market place in question. For example, “shredding” is shown as the recovery option for wood in this example, however there may be significant opportunities for the reclamation and reuse of timber. This could be the same for a variety of other items such as electrical fittings, doors, floor tiles etc.

2.0 Overview

SRS Demolitions Ltd will seek out opportunities to reuse or recycle materials to avoid exporting from site, where possible.

Review pre-demolition audit about materials in existing building, showing which materials are to be reused on-site and which are not.

Determine if any materials need to be removed before dismantling to ensure cross contamination will not occur and whether materials can be reused or recycled on or off site.
E.G. gypsum plaster on brickwork is not suitable for reuse hardcore. Prior to commencement of the work and periodically during its execution, review the condition of the remaining building’s method of construction, method of fixing and fastening, materials, etc with the Project Manager, in order to determine what more could be done to facilitate recovery of further materials for re-use and recycling.

Re-use masonry on site as:
Permanent piling mat, hardcore bases for building floors or paving, back-filling to foundation trenches or make available to the employer for use on other parts of site.

Use site-won and recycled materials where available to the required specification or use imported secondary materials to avoid importing virgin aggregates for hardcore, etc from off site. Submit proposals to the Project Manager and seek instruction to suit the programme.

3.0 On-site stock pile resource efficiency

Resource management of on-site stored materials:

Stock pile materials separately to maximise use potential and minimise mixing/contamination.
Stand on well drained hard surface where practical.
Where not practical, a proposal will be made in a method statement how to minimise fine material loss into course or soft base materials by the use of waste rigid or flexible sheet materials or geotextiles, spread over the ground. Use fork-lift sacks for on-site storage of granular materials to minimise loss and maximise use.

4.0 Course & fine materials from damaged masonry materials

Reclaim brick and stone masonry materials, for reuse on or off site.

5.0 Workmanship

All site managers/supervisors well experienced in deconstruction, resource recovery/salvage, storage and protection for reuse on and off site.
Experience in waste reduction, segregation and minimisation on and off site.

6.0 Lighting of hoardings, openings and hazards-Minimise wasting energy

- Use LED low energy demand lighting.
- Use Green Tariff electrical supply.
- Do not use battery powered lighting unless using rechargeable batteries and Green Tariff electricity recharging.
- Do consider photovoltaic recharging with rechargeable battery storage.
- Ensure illumination is on if people are present i.e. use PIR detection.
- Ensure illumination is off during daylight hours unless hazards or openings are in shadow or where high contrast light conditions may make it difficult to see.
- Ensure illumination is off outside of working hours i.e. use time clock with PIR override to on and short time delay to off.

7.0 Mixed waste & Landfill minimisation

All general waste that cannot be recycled will be shredded to maximise landfill compaction and ensure minimal waste is sent to landfill.

All clean timber shredded and used in chipboard manufacturing or fuel for power stations.

Brick and concrete to be 100% recycled.

WASTE MATERIAL DISPOSAL

GENERAL WASTE/TIMBER RECYCLING

TC SKIPS
THE WHITE HORSE
ELDER ROAD
COBRIDGE
STOKE ON TRENT
ST6 2PQ

BUILDING RUBBLE/CONCRETE

KP PARNELL
GOVAN ROAD
FENTON INDUSTRIAL ESTATE
STOKE ON TRENT
ST14 2RS

SCRAP METAL

EUROPEAN METAL RECYCLING
SIRIUS HOUSE
DELTA CRESCENT
WESTBROOK
WARRINGTON
WA5 7NS