

## SITE WASTE MANAGEMENT PLAN (SWMP)

- 1 Project Title: Trelawney Roof
- 2 Location: Higher Town St Martins
- 3 Nature of project: Roof replacement
- 4 Project Aim: Remove defective scantle slate roof replace with natural slate

We are committed to implement the project environmental plan and the SWMP so that it is effective accurate and economical.

### 5 Management:

The contracts manager is the SWMP co-ordinator of the project and as such is responsible for ensuring the instruction of workers, implementation and overseeing of the SWMP. The contracts manager will monitor the effectiveness and accuracy during the routine site visits. Independent audits will also be completed by our safety consultancy via site inspections. Copies of these reports are forwarded to the GHSQE manager for monitoring.

Position	Name	Contact details
Client	Mr Ken Rokison	01306 611244
Project manager	Mr Ken Rokison	Or 422879
Principle Contractor	Adam Blackwell, Blackwell Building Services	01720 423600 07766 901775
Site/contracts Manager	Adam Blackwell	
HSQE Manager	Blackwell Building Services own consultant	

### 6 Distribution

The contract manager shall distribute copies of this plan to the CDM co-ordinator, client, site manager and each subcontractor where relevant/applicable. This will be undertaken every time the plan is updated.

## 7 Instruction and Training

The contract manager will provide onsite briefing via induction of appropriate separation, handling, recycling, reuse and return methods to be used by all parties and at appropriate stages of the project where applicable. Tool box talks will be carried out regularly on waste issues and all sub-contractors will be expected to attend. This will ensure that everyone feels that they are included and that their participation is meaningful.

## 8 Waste management on site

Surplus or waste materials arise from either the materials imported to site or from those generated on site. Imported materials are those which are brought to the project for inclusion into the permanent works. Generated materials are those which exist on the project such as top soil, sub-soil, trees and materials from demolition works etc. However, there are other considerations to waste management such as waste reduction, segregation of waste, disposal of waste, financial of waste disposal and recording, monitoring, education and reviewing. This plan outlines the procedures that have been put into place and demonstrate how they benefit the environment, how we can measure the effects and how these procedures and practices are sustainable.

### **PRIORITISING WASTES REQUIRING WASTE MANAGEMENT ENABLING WORKS**

(Including Demolition): Waste type, category and origin

<b>Waste types eg: bricks</b>	<b>Waste Category</b>	<b>European Waste Codes EWC</b>	<b>Colour Codes</b>	<b>Origin of Waste</b>
Concrete	Inert	17 01 06	Inert	Site strip & Demolition
Tarmac	Inert	17 03 01	Inert	Site strip
Brick/Block	Inert	17 01 06	Inert	Site strip & Demolition

Timber	Active/Bio	17 02 01	Wood	Demolition works
Sub-soils	Inert	17 05 04	Inert	Site strip
Sub-soils	Hazard	17 05 03	Hazardous	Site strip
Metals	Active/Bio	17 04 07	Metal	Site strip & Demolition
Asbestos	Hazard	17 06 05	Hazardous	Demolition works
Plasterboard	Active/Bio	17.n 08 02	Gypsum (white)	Demolition works
Packaging		15 01 01 see note 1 15 01 02 see note 2 15 01 03 see note 3	Packaging (plastics, cardboard, timber)	Construction
Mixed		17 09 04	Mixed	Construction & demolition
Slate roof tiles	Inert	19 12 09	Inert	Site strip

Note 1 code 15 01 01 EWC code for paper and cardboard packaging

Note 2 code 15 01 02 EWC code for plastic packaging

Note 3 code 15 01 03 EWC code for wooden packaging

## 9 Ways of minimising waste

We have, from a very early stage, looked at how we can minimise the waste produced, thereby reducing the amount of waste to be removed from the project. Trade contractors, design team and suppliers are all being encouraged to look at ways to minimise the amount of waste produced at the work face.

### Current Actions Table

Action	Responsibility	Date action commenced	How notified
Plasterboard sheets are made to standard sizes to suit the wall heights and to reduce the amount of off cuts/waste	Design team		CPHSP/meetings

The wash down point for the concrete wagons is in a suitable location so that the washed out aggregates formed part of the fill.	Principal contractor		CPHSP Construction phase health and safety plan
Sub structure – when the bases are being poured that we other bases excavated manager so that any surplus concrete can be used as blinding.	Construction manager/principal contractor		CPHSP
Materials which arrive on pallets are unloaded and the pallets are stored neatly and removed from site once the numbers are sufficient to make collection economical.	Site foreman/ Principal contractor		CPHSP
Apply all identified environmental risk and actions identified in the CPHSP	Operatives/ site manager/ trade contractors		Method statements, risk assessments and CPHSP

All of the above act to reduce the amount of waste and surplus material, which traditionally would be skipped and sent to landfill. We are continually identifying waste minimisation actions and these will be updated in the above table.

## 10 Segregation

A specific area shall be laid out and labelled to facilitate separation of materials for potential recycling, salvage, re-use and return. Recycling and waste bins are to be kept clean and clearly marked in order to avoid contamination of materials. The labelling systems shall be the waste

awareness colour coding scheme. If the skips are clearly identified the bulk of the workforce will deposit the correct materials into the correct skip. Skips for segregation of waste identified currently are:

- Wood
- Metal
- Brick/rubble
- Canteen waste

As works progress and other trades come to site other skips will be placed to enable certain waste to be removed from site. This is likely to include:

- Plasterboard
- Paper and cardboard (bagged up)

## 11 Management

Waste materials fall into three categories for management, these are:

- Re-use
- Recycle
- Landfill

### **Re-use**

If surplus materials can be used in the permanent works they are classified as materials which have been re-used. If they are surplus to requirements and need to be removed from site and they can be removed and used in their present form they can be removed from site for re-use.

### **Recycling**

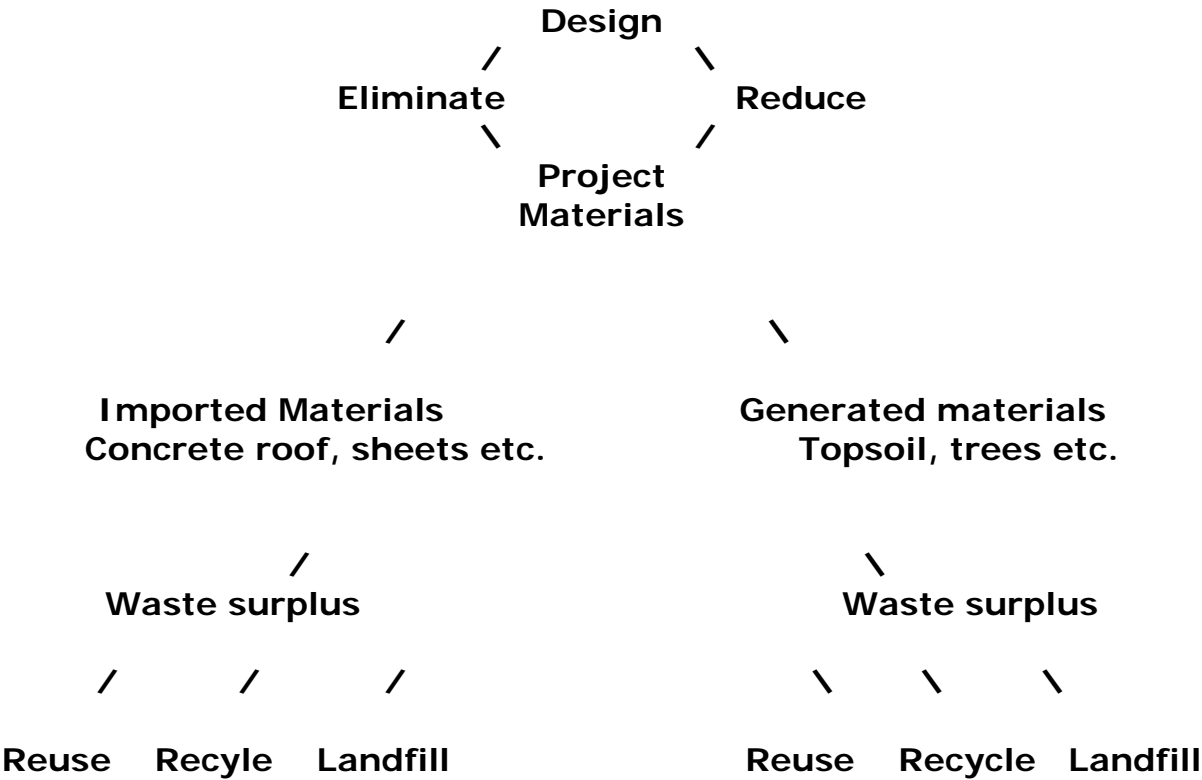
If the surplus material cannot be reused in its present form but could be used in a different form, it is sent for recycling such as 50x50 timber to make chip board.

### **Landfill**

If either of the above cannot be satisfied the only option left is to send surplus materials to landfill.

Landfill is always a last resort.

WASTE MANAGEMENT CYCLE



**TABLE FOR WASTE TYPES AND WASTE MANAGEMENT PACKAGES**

<b>WASTE TYPES</b>	<b>WASTE STREAMS</b>
<b>Enabling Works (including Demolition)</b>	
Concrete	Reuse on site
Tarmac	Reuse on site/dry
Bricks/Blocks	Reuse on site
Timber	Recycle
Sub soils	Reuse on site/recycle
Metals	Scrap value
Asbestos	No use/Landfill
Plasterboard	Recycle/Landfill
<b>Construction works</b>	
Plasterboard	Return/recycle
Bricks/Blocks	Recycle
Timber	Recycle
Cardboard	Recycle
Mortar	No usage/dry to skip
Metals	Recycle
Paints	Recycle
Soils	Use/sell
Slate	Recycle/reuse

The skips need to be monitored to ensure that contamination of segregated skips does not occur. Therefore we will advise regularly on how the waste management system is working and point out that an uncontaminated skip for recycling costs typically £55 but should it get contaminated then it has to go direct to landfill at a cost of typically £89 per skip and this price is continually increasing.

We will continually review the type of surplus material being produced and where we can change the site set up to maximise on re-use recycling and the use of landfill will be the last resort.

The plan will be communicated to the whole project team (including the client) regularly. Business wide updates including the KPIs will be communicated and discussed at IMS and management meetings.

The plan will also be analysed by the group HSQE manager to produce KPIs and will be responsible for transferring and advising any best practice and solutions throughout the company. Our pre qualification process identifies compliant waste management companies with records maintained on file.

## Site waste management plan (SWMP) implementation checklist

	Please tick yes or no - Yes    No	
Have terms and commercial rates been agreed with contractor(s)?		
For off site or disposal are all the waste destination details verified?		
Has a waste segregation/collection area been prepared?		
Has the waste area been adequately signposted?		
Has the SWMP document control/ filing system been set up (site safety pack)?		
Have all necessary staff and contractors had the SWMP transmitted?		
Have all the SWMP training / induction procedures been met?		
Have all the SWMP training / induction procedures for contractor(s) been met?		
Has the SWMP been approved by the contracts manager?		
COMMENTS/ FURTHER ACTIONS:		
Include waste management plan with tender documentation/CPHSP		

## **SIGNATURES**

Contractors Manager:

Date:

Site Manager:

Date: