Site Waste Management Plan

in support of:

Development of –

North View, Violets Lane

Furneux Pelham,

Herts, SG9 0LF

THE PLANNING CONSULTANCY LTD.

THE STUDIO,
2 BRADBURY FARM BARNS,
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BUNTINGFORD,
HERTS SG9 0DX

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Waste Management

Project Aim

At the detail site we are committed to implement the project environmental plan and the Site Waste Management Plan so that it is effective, accurate and economical and ensure that the procedures put into place are working and are maintained.

Management

The Site Manager is the SWMP co-ordinator and as such is responsible of the instruction of workers, implementation and overseeing of the SWMP. The Construction Director and will monitor the effectiveness and accuracy during routine inspections.

POSITION	NAME	CONTACT DETAILS
Construction Director	To be agreed	Company Office
Site Manager	To be agreed	Site Office
Materials Buyer	To be agreed	Company Office
Technical Manager	To be agreed	Company Office

Distribution

The Project Manager shall distribute copies of this plan to the CDM Co-Ordinator, Client, Construction Director, Site Manager and each sub-contractor where relevant/applicable. This will be undertaken every time the plan is updated.

Instruction and Training

The Site Manager will provide on-site briefing via induction of the appropriate separation, handling, re-cycling, re-use and return methods to be used by all parties and at appropriate stages of the Project where applicable. Toolbox talks will be carried out regularly on waste issues and all subcontractors will be expected to attend. This will ensure that everyone feels they are included, and their participation is meaningful.

Waste Management on Site

Surplus or waste materials arise from either the materials imported to site or those generated on site. Imported materials are those, which are bought 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 impacts of waste disposal and recording, monitoring, education and reviewing. This plan outlines the procedures that have been put in place to 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.

Waste Types eg Bricks	Waste Category	European Waste Codes EWC	Colour Codes	Origin of Waste Demolition of Existing Buildings & Walls
Concrete	Inert	17 01 06	Inert	Site strip & demolition
Tarmac	Inert	17 03 01	Inert	Site strip
Brick/Block/Roof tiles	Inert	17 01 06	Inert	Construction/Site strip & demolition
Timber	Active/Bio	17 02 01	Wood	Construction/Demolition works
Subsoils	Inert	17 05 04	Inert	Site strip
Subsoils	Hazard	17 05 03	Hazardous	Site strip
Metals	Active/Bio	17 04 07	Metal	Site strip & demolition works
Asbestos	Hazardous	17 06 05	Hazardous	Demolition works
Plasterboard	Active/Bio	17 08 02	Gypsum	Construction
Packaging		15 01 01 See note 1 15 01 02 See note 2 15 01 03 See note 3	Packaging	Construction
Mixed		17 09 04	Mixed	Construction & demolition

NOTE 1 15 01 01 is the EWC code for paper and cardboard packaging.

NOTE 2 15 01 02 is the EWC code for plastic packaging.

NOTE 3 15 01 03 is the EWC code for Wooden packaging.

WAYS OF MINIMISING WASTE

At a very early stage, we have looked at how we can minimize 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 minimize the amount of waste produced at the work face.

CURRENT ACTIONS TABLE

Brick Walls- All off cuts of bricks to be retained on site and used in the sub-base for proposed hard stand areas in and around external landscaping.	**Operatives Site Manager**		**Pre Construction Phase Health & Safety Plan, Pre Construction Meetings**
Apply all identified environmental risk and actions identified in the PCPHSP	**Operatives Site Manager Trade Contractors**		**Method Statements Risk Assessments**

All of the above act to reduce the amount of waste and surplus materials, 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.

SEGREGATION

A specific area shall be laid out and labelled to facilitate the separation of materials for potential re-cycling, salvage, reuse and return. Re-cycling and waste bin 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 where possible. If the skips are clearly identified the bulk of the workforce will deposit the correct material into the correct skip. Skips/Bins for segregation of waste identified currently are;

- Wood
- Metal
- Brick/Rubble
- Canteen Waste
- Plasterboard
- Paper and Cardboard (bagged up)

As works progress and other trades come to site other skips may be required and will be placed to enable certain waste to be removed from site.

MANAGEMENT

Waste materials fall into three categories for Management, these are;

- Re-use
- Re-cycle
- Landfill

Re-used

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 reuse.

Re-Cycling

If the surplus material cannot be re-used in its present form but could be used in a different form, it is sent for re-cycling such as timber to make chipboard.

Landfill

If either of the above cannot be satisfied, then the only option left is to send the surplus to materials to landfill. Landfill is always the last resort.

WASTE MANAGEMENT CYCLE

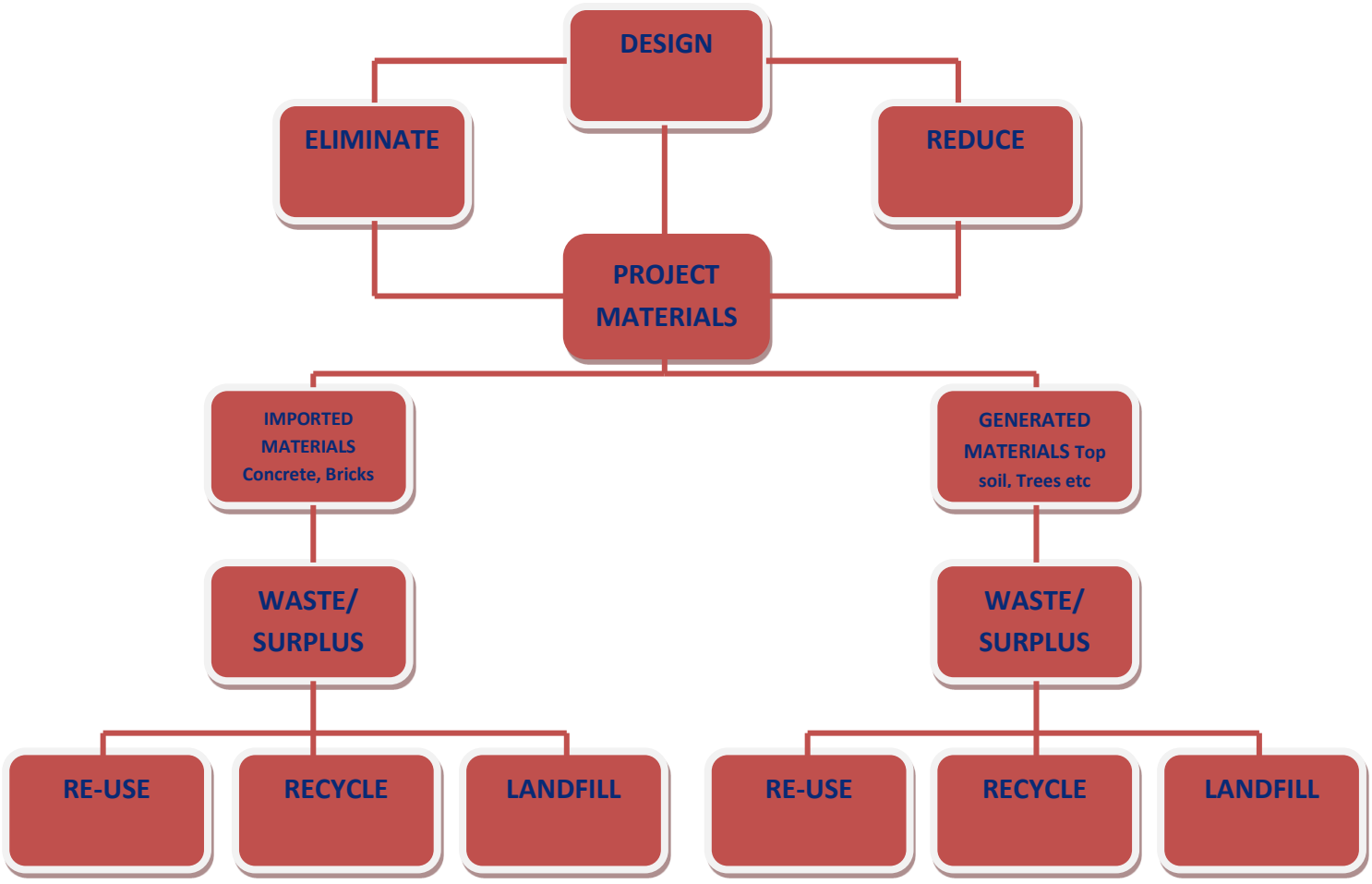

TABLE FOR WASTE TYPES & WASTE MANAGEMENT PACKAGES

WASTE TYPES	WASTE STREAM
ENABLING WORKS (including demolition)	
Concrete	Re-use on site where possible
Tarmac	Re-use on site
Bricks/Blocks	Re-use on site
Timber	Re-cycle
Sub-soils	Re-use on site
Metals	Re-cycle
Asbestos	No Usage/Landfill/In accordance with specialist criteria/control
COSTRUCTION WORKS	
Bricks/Blocks/Roof tiles	Re-use on site/recycle
Timber	Recycle
Plasterboard	Return/recycle
Cardboard	Recycle
Mortar	No use/Dry to skip
Metals	Recycle
Paints	Recycle
Soils	Re-use on site
Plastics	Recycle

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 re-cycling costs typically £160 but should it get contaminated then it has to go direct to landfill at a cost of typically £200 per skip and this is continuously increasing.

We will continually review the type of surplus materials being produced and where we can change the sit set up to maximise on re-use or recycling and the use of landfill will be the last resort.
The Plan will be communicated to the whole project team (including the client) and be regularly discussed and Site Project Meetings. Waste quantities recorded and documentation held at Head Office on file.

SITE WASTE MANAGEMENT PLAN (SWMP) IMPLEMENTATION CHECKLIST

CHECKS – Please tick Yes or No	N/A	
Have terms and commercial rates been agreed with Contractor(s)?	STC	
For offsite or disposal are all the waste destination details verified?	STC	
Has a waste segregation/collection area been prepared?	STC	
Has the waste area been adequately sign posted/identified?	STC	
Has the SWMP document control/ filing system been set up?	STC	
Have all the necessary staff and contractors had the SWMP transmitted?	STC	
Have all the SWMP training/induction procedures for staff been met?	STC	
Have all the SWMP training/induction procedures for contractors been met?	STC	
Has the SWMP been approved by the Construction Director?	Y	
Comments/Further Actions:		
STC – Subject To Contact		
Include Waste Management Plan with Tender documentation		

RELEVANT SIGNATURES

Construction Director Date:

Site Manager Date: