The Shoreham Centre

Proposed Redevelopment

Site Waste Management Plan

August 2013

ADUR & WORTHING
PLANNING SERVICES

PLAN	AWDM/ 1041/13
DATE VALID	22 AUG 2013

SITE WASTE MANAGEMENT PLAN

Project Name: The Shoreham Centre (Extensions)

Location: 2 Pond Road Shoreham-by-Sea BN43 5WU

Client: Adur and Worthing Borough Council

File Reference: 5872/K10

Issue	Date	Author	Checked	Notes
01	09.08.2013	DMac	SE	Planning Issue

Contents

Contents 3
Introduction 4
Project Information 4
Site Location: 4
Brief Description of the work: 4
Parties to the Waste Management Plan 5
Design Considerations to Minimise Waste 6
Waste Type, Production and Disposal 7
Estimates of Waste Production and Planning of Waste Management 8
Responsibility for Waste Management 10
Register of Waste Carrier Licences and Permits 10
Waste Records 11
Review of Site Waste Management Plan 12
Estimated Versus Actual Waste Quantities Produced 12
Estimated versus Actual Waste Management Routes 13
Declaration 14

Introduction

Under the Site Waste Management Plans Regulations 2008 [SI 314] which came into force on the 6th April 2008, any client who intends to carry out a construction project with an estimated cost greater than £300,000 is required to prepare a site waste management plan before any works commence on site. [SI 314: 5 (1)]

If the project has an estimated cost greater than £500,000 it is the responsibility of the client and the Principle Contractor to review, revise and refine and update the site waste management plan [SI 314: 8 (1)]

The Principle contractor must keep the site waste management plan for two years after the Completion of the project at the Principal Contractor's principal place of business or at the site of the project. [SI 314: 10 (1)]

Project Information

Site Location:

The Shoreham Centre
2 Pond Road
Shoreham-by-Sea
BN43 5WU

Brief Description of the work:

Reconstruction of Car Park and associated access roads etc

Extension of the Shoreham Centre to provide 1230 sqm of new build accommodation on two floors, including a new entrance foyer, offices, meeting spaces, council chamber and function room to provide replacement Adur District Council offices/civic presence . The proposal will include the removal of the existing temporary CAB office, partial demolition of the existing foyer/main entrance and the removal of a number of existing trees. The cafe and kitchen area in the existing building will be refurbished, new toilet facilities provided at first floor and new accessible toilet and baby changing facilities provided on ground floor.

Estimated cost: The estimated cost of the project is in excess of £300,000

Parties to the Waste Management Plan

Employer (Client):

Adur and Worthing Borough Council
Adur Civic Centre
Ham Road
Shoreham
BN43 6PR

Drafted on behalf of the client by:

ECE Architecture
Brooklyn Chambers
11 Goring Road
Worthing
West Sussex, BN12 4AP

Tel: 01903 248777

Email: mstanding@ecearchitecture.com

Principal Contractor:

TO BE CONFIRMED

Tel:
Fax:
Contact:

Contracts Manager:

Site Manager (Person Responsible for Plan):

Design Considerations to Minimise Waste

Good waste management ensures that any potential value in the waste is realised whilst taking care of the environment. Good waste practice should follow the waste hierarchy. The hierarchy has five levels, providing a framework for decision making and reflecting the environmental and cost issues surrounding waste.

- Prevention – not creating waste in the first place.
- Minimisation – reducing the amount of waste created.
- Reuse – reusing materials for the same purpose (either on or off site).
- Recycling/recovery – reprocess or recycle waste into new products e.g. timber into chipboard.
- Disposal – dispose to landfill, least desirable option.

Waste management has been assessed during the design process to achieve in key areas the potential for waste prevention, reduction, re-use and recycling during the construction phase of the project, and the following waste stream have been identified as arising from the project:

- **Soil / Green Waste / Vegetation** – Topsoil to be re-used to create soft landscaping areas.

- **External Works / Drainage** – Plastics, concrete components, bricks, rubble, timber packaging etc. Standard products to be used to prevent excessive waste and suppliers to remove packaging from site

- **Waste from Site Accommodation:** - Paper, printer cartridges, aluminium cans, food waste etc. – to be separated into designated skips on site.

Waste Type, Production and Disposal

Prior to commencement on site the Principal Contractor will be required to develop this initial waste management plan by completing the schedule tabulating the estimate of Waste production and the planning of waste management for each of the key waste types identified.

As work progresses on site the Principal Contractor is required to record the information in the table of Responsibility for Waste Management; Register of Waste Carrier Licenses and Permits and compile the Waste Record.

At completion of the project the Principal Contractor is required to review the Site Management Plan by completing the estimated verses actual waste quantities produced table and the table recording the Estimated verses Actual Waste Management Routes.

The Principle contractor must then keep the site waste management plan for two years after the Completion of the project at the Principal Contractor's principal place of business or at the site of the project. [SI 314: 10 (1)]

Estimates of Waste Production and Planning of Waste Management

Waste Type	Waste Materials	Forecast Estimated Quantity (tonnes or m^3)	Trade Contractor	Waste Minimisation Opportunities	On Site Reuse/Recycling (m^3)	Off Site Reuse/Recycling (m^3)	Recovery (m^3)	Disposal (m^3)
Inert	Concrete	15m²				10m²		5m²
	Tarmac / Concrete	1806m²				1806m²		
Non-hazardous	Soils/Green waste/ vegetation	5m²				4m²		5m²
	Mixed waste	32.5m²				19m²		13.5m²
	Metal	12.3m²				10m²		2.3m²
	Timber	42.5m²				22.5m²		20m²
	Plasterboard	6.3m²				2.5m²		3.8m²
	Packaging	35.2m²				5m²	18.1m²	12.1m²
	Cable & wiring	5.3m²				5m²		0.3m²

SITE WASTE MANAGEMENT PLAN

Estimates of Waste Production and Planning of Waste Management Cont.....

Waste Type	Waste Materials	Forecast Estimated Quantity (tonnes or m^3)	Trade Contractor	Waste Minimisation Opportunities	On Site Reuse/Recycling (m^3)	Off Site Reuse/Recycling (m^3)	Recovery (m^3)	Disposal (m^3)
	Office/canteen	12m3					6m²	6m²
	Glass	1.3 m3				1.2 m3		0.2 m3
	Ceramics	1.7 m3				1.1 m3		0.6 m3
	Plastics	3.1 m3				2.3 m3		0.9 m3
	Insulation	4.2 m3				0.5 m3		3.7 m3
	Other	4.1 m3				2 m3		2.1 m3
Hazardous	Asbestos	5 m3						5 m3
	Contaminated land							
	Paint tins, line markers, mastic	.5 m3						0.5 m3
	Other							

Responsibility for Waste Management

Site Activity / Sub-contractor Work Package	Primary Waste Streams	Who is responsible for waste management
Demolition & Site Clearance		
Groundworks		
Foundation, Piling		
Structure		
Dryliners		
Brick & Blockwork		
Building Envelope / Cladding		
Mechanical Electrical		
Trades - (Joinery, Painting, Plastering, Rendering, Plumbing, Heating etc).		
Landscaping & Habitat Creating / Restoration		
Removal of Site offices, Temporary Works & Final Clear Away		
Office Activities		
Canteen Activities		

Register of Waste Carrier Licences and Permits

With respect to the waste management companies that will be removing waste from the project, the table below outlines the waste management contractors, their waste management licenses, waste carrier licenses and exempt site licenses that have been checked and verified for use on this project:

Waste Description:	EWC	Origin (who produces the waste?)	Waste Carrier			Disposal Site	
			Name	Licence Number	Expiry Date	Name	Licence Number / Exemption Ref.

Waste Records

Date Removed	Waste Type	Company Removing the Waste	Site the waste is being taken to and whether licensed or exempt	Waste carrier and registration number*	Waste Transfer Number

Review of Site Waste Management Plan

Estimated Versus Actual Waste Quantities Produced

Waste type	Waste Materials	Estimated Quantity (m3 / tonnes) – delete as appropriate	Actual Quantity (m3 / tonnes) – delete as appropriate	Difference (+/-)	Reason for variance
Inert	Concrete				
	Rubble (hard core)				
Non-hazardous	Soils / Green waste / vegetation				
	Mixed waste				
	Metal				
	Timber				
	Plasterboard				
	Packaging				
	Cable & wiring				
	Office/canteen				
	Glass				
	Other				
Hazardous	Asbestos				
	Contaminated land				
	Paint tins, line markers, mastic				
	Other				

Estimated versus Actual Waste Management Routes

Waste type	Waste Materials	Re-use on-site	Re-use off-site	Recycling on-site	Recycling off-site	Other form of recovery on-site	Other form of recovery off-site	Sent to landfill	Other disposal
Estimates (m3 or tonnes)									
Inert	Concrete								
	Rubble (hard core)								
Non-hazardous	Soils / Green waste / vegetation								
	Mixed waste								
	Metal								
	Timber								
	Plasterboard								
	Packaging								
	Cable & wiring								
	Office/canteen								
	Glass								
	Other								
Hazardous	Asbestos								
	Contaminated land								
	Paint tins, line markers, mastic								
Actuals (m3 or tonnes)									
Inert	Concrete								
	Rubble (hard core)								
Non-hazardous	Soils / Green waste / vegetation								
	Mixed waste								
	Metal								
	Timber								
	Plasterboard								
	Packaging								
	Cable & wiring								
	Office/canteen								

Waste type	Waste Materials	Re-use on-site	Re-use off-site	Recycling on-site	Recycling off-site	Other form of recovery on-site	Other form of recovery off-site	Sent to landfill	Other disposal
	Glass								
	Other								
Hazardous	**Asbestos**								
	Contaminated land								
	Paint etc.								

Declaration

As required under clause (5) of The Site Management Plans Regulations 2008 (SI 314) The client and Principal contractor declare that they will take all reasonable steps to ensure that:

- All waste from the site is dealt with in accordance with the waste duty of care in section 34 of the Environmental Protection Act 1990 and the Environmental Protection (Duty of Care) Regulations 1991; and
- All materials will be handled efficiently and waste managed appropriately.

Signed:

Client: ..... Date:

Principal Contractor .....Date: