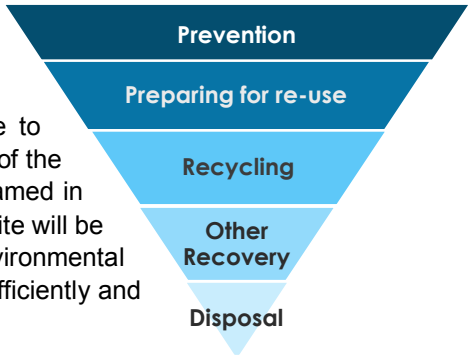
SITE WASTE MANAGEMENT PLAN

SIEMENS **Siemens: 9525**



The purpose of this plan is to minimise the amount of waste produced due to activities resultant of this project as described in this document, for the benefit of the environment and to maximize cost savings. Siemens and P.P. O'Connor as named in this document shall take the responsible steps to ensure that all waste on this site will be dealt with in accordance with the Waste Duty of Care in Section 31 of The Environmental Protection (Duty of Care) Regulations 1991 (b) and materials will be handled efficiently and waste managed appropriately.

DESCRIPTION OF THE PROJECT

P.P. O'Connor have been commissioned to soft strip and demolish the existing Nurse's Residential Block, the T2 Building and the Siemens Service Building. All foundations are to be excavated and removed to a depth of 1.5 metres below existing ground level and the subsequent voids created filled with arising's generated from the demolition of the existing buildings. All materials will be crushed off site at a licenced recycling plant.

Reconfiguration works will take place in the car park to create a series of interlinked car parks.

All waste materials will be segregated and placed into designated skips for removal off site for processing in licenced facilities.

ADDRESS OF THE PROJECT






Sir William Siemens House
Princess Road
Manchester
M20 2UR

DETAILS OF WHERE THIS PLAN WILL BE KEPT ON SITE

A copy of this file will be kept electronically on the P.P. O'Connor server and a hard copy will be kept on site, allowing access to it at all times.

DATE SITE WASTE MANAGEMENT PLAN WAS ORIGINALLY PREPARED

15 May 2017

PROJECT START DATE

4 September 2017

PROJECT END DATE

16 February 2018

ESTIMATED DURATION

24 Weeks

CLIENT

Siemens PLC

Sir William Siemens House
Princess Road
Manchester
M20 2UR

0161 446 5000

PRINCIPAL CONTRACTOR

P.P. O'Connor

Woodrow Way
Thames Trading Estate
Irlam
Manchester
M44 6NN

0161 776 0333

ORIGINATOR

The person who devises the waste minimisation and estimated quantities.

Portia Reece (Environmental Officer) / Steve Cooke (Senior Project Manager)

RECYCLING DEFINITIONS

Construction waste recycling is the separation and recycling of recoverable waste materials generated during construction and remodeling. Packaging, new material scraps and old materials and debris all constitute potentially recoverable materials.

Reduce: Reducing the amount of waste to recycling facilities or Landfill sites

Re-use: Reusing items as much as possible before replacing them or disposing of them.

Recycle: to treat or process (used or waste materials) so as to make suitable for reuse:

Recoverable: Return to normal state

RESPONSIBILITIES

P.P. O'Connor will act as Principal Designer for the Contract who will coordinate both the clients and Principal Contractors duties under CDM Regulations 2015

The Principal Contractor will act as the environmental coordinator of the project, and as such is responsible for instructing workers, overseeing and documenting results of the SWMP.

Company	Position	Name	Contact Details	Email
Siemens PLC	Employers Representative	James Avery	07808 825054	James.avery@siemens.com
	Occupants Representative	Michelle Dugdale	07808 825730	Michelledugdale@siemens.com
P.P. O'Connor	Contracts Director	Derek McLoughlin	07802 967828	Derek.mcloughlin@ppoconnor.co.uk
P.P. O'Connor	Senior Project Manager	Peter Hinchliffe	07523 513612	peter.hinchliffe@ppoconnor.co.uk

INSTRUCTION AND TRAINING

The Principal Contractor shall provide onsite instruction of appropriate separation, handling, recycling, reuse and transport methods for waste to be used by all parties at the appropriate stages of the project. The detail of the Site Waste Management Plan will be communicated to all members of his workforce and recorded through Toolbox Talks. All subcontractors working on site will also be made aware of the contents and requirements of the SWMP.

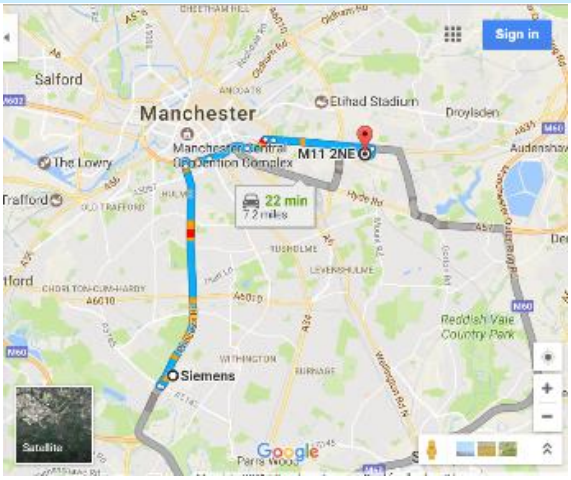
THIRD PARTY WASTE HANDLING

Record of any third parties handling waste and how this will be recorded.

ASBESTOS

Winsulate

Address: The Dresser Centre
Whitworth Street
Manchester
M11 2NE



Permit: RD/LIC/545/89
Asbestos License Number: 131305628
Hazardous Waste Carrier: CB/NE5758NJ
Hazardous Waste Transfer Station: EPR/PB3937RD

Accreditations and Memberships:

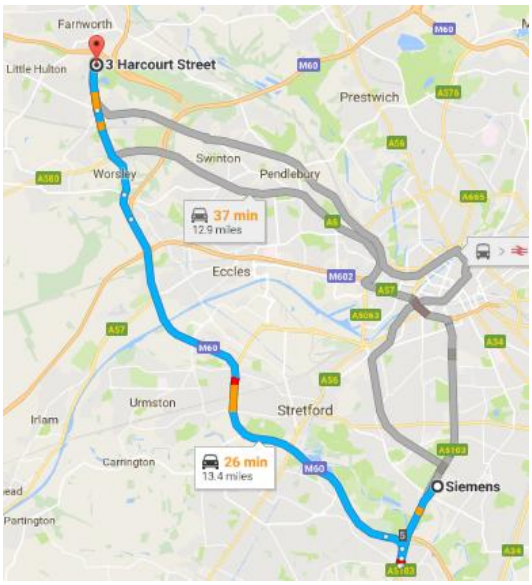
- Asbestos Removal Contractors Association (ARCA) 6054

HAZARDOUS SUBSTANCES

Adler and Allan Limited

Address: Worsley Waste Transfer Facility,
3 Harcourt Street,
Worsley, Manchester,
Lancashire,
M28 3GN

Permit: EPR/NP3234LD/V004
Hazardous Waste Carrier: CBDU88644



Accreditations and Memberships:

- National Petroleum Management Association
- CEMARS
- FPAL
- MassTech International
- PEIMF
- UVDB Verify
- BSI
- Safe Contractor
- Oil Recycling Association
- NFDC
- Freight Transport Association
- Contractors Health and Safety Assessment Scheme
- APEA
- UKSpill Association

WASTE MINIMISATION

This section of the Plan is used to record measures that have been identified to be implemented to minimise the quantity of waste produced during the currency of the Project.

The following measures have been taken to minimise the quantity of waste produced during the project:

1. All arising's must be segregated on site, according to their composition
2. Reusable materials must be identified on site for processing in licenced facilities
3. Recyclable materials will be removed from site for processing in licenced facilities
4. Recoverable materials will be removed from site for processing in licenced facilities

WASTE MANAGEMENT

All other wastes apart from those mentioned in 'third party waste handling' will be carried by P.P. O'Connor.

P.P. O'Connor Waste Carriers Licence: CBDU101751

All wastes removed from the site will be taken to the following locations:

METAL – FERROUS / NON-FERROUS

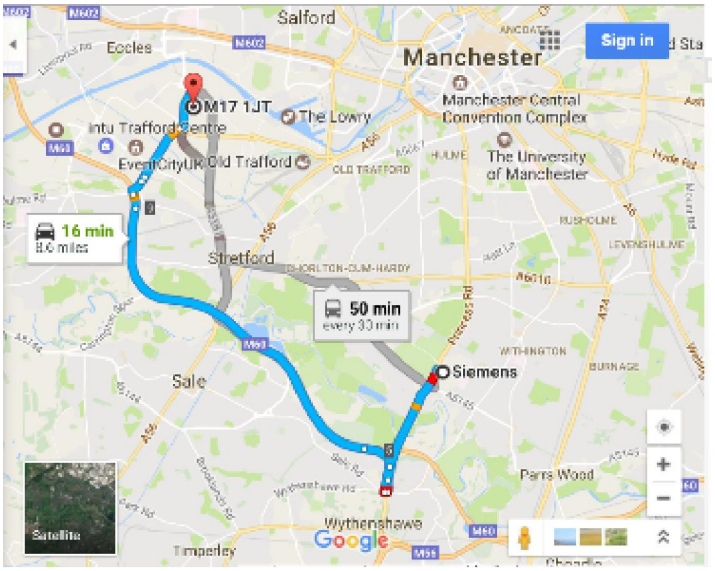
S. Norton

Address: Tenax Road
Stretford
Manchester
M17 1JT

Permit: EAWML 53458

Accreditations and Memberships:

- Vehicle Registration Agency (VCA) Registered 9001, 14001



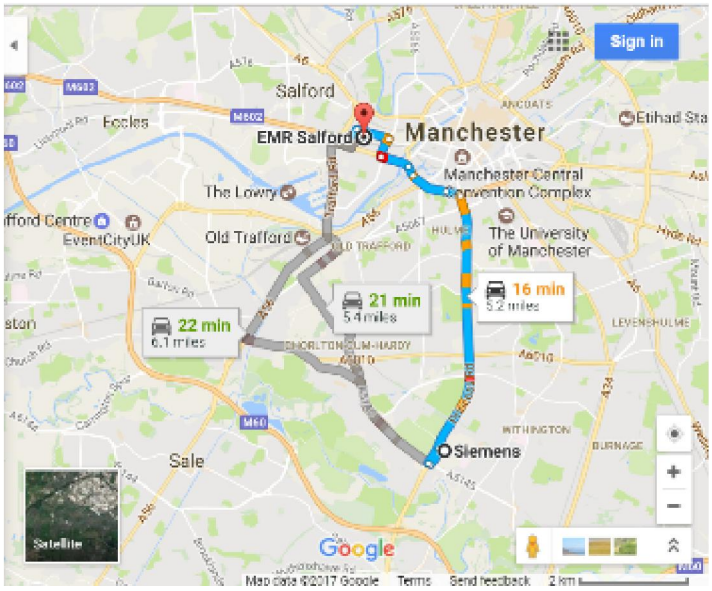
European Metal Recycling Limited (EMR)

Address: 2 West Egerton Street
Salford
M5 4DY

Permit: EAWML 50065

Accreditations and Memberships:

- ISO 9001, 14001



SIEMENS

RECYCLED DEMOLITION & CONSTRUCTION MATERIAL/SPOIL

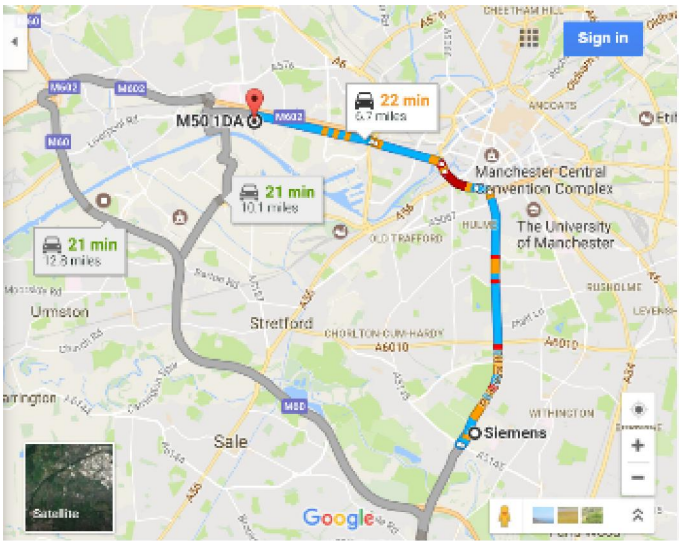
P.P. O'Connor Limited

Address: Eccles New Road
Salford
M50 1DA

Permit: EPR/BB3001KN/V002

Accreditations and Memberships:

- ISO 9001, 14001 & OHSAS 18001
- Achilles Building Confidence
- Achilles FPAL
- CHAS
- SMAS SAFEContractor
- Constructionline
- FORS Gold
- NFDC
- CECA



GENERAL WASTE

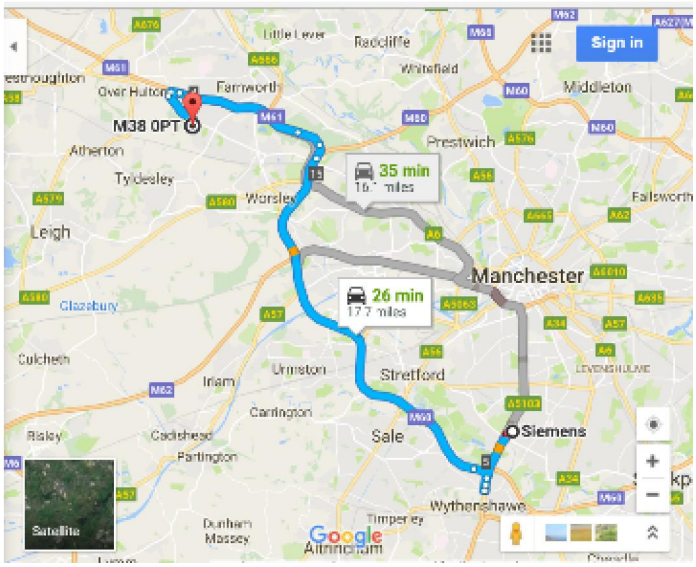
Kenny's Waste Management

Address: Worsley Trading Estate
Lester Road
Little Hulton
Manchester
M38 0PT

Permit: EPR/JP3298CY/V002

Accreditations and Memberships:

- UROC
- CIWM (Chartered Institute of Waste Management
- CHAS
- SMAS SAFEContractor
- Constructionline
- FORS Bronze
- ESA (Environmental Services Association)



TIMBER

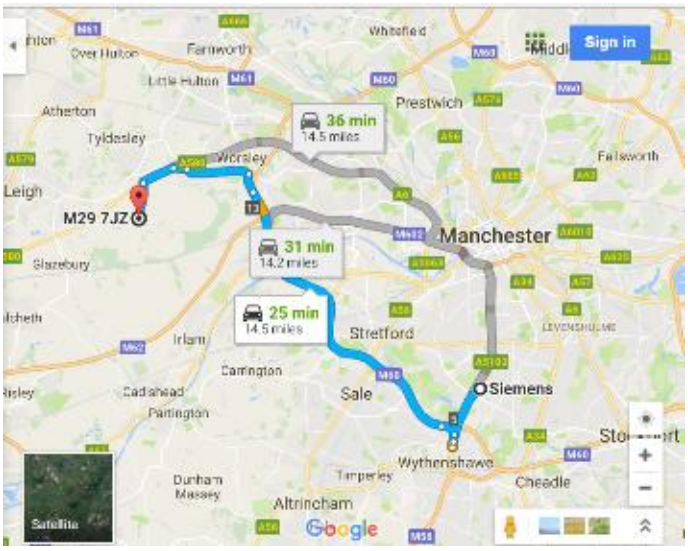
Bodens Group

Address: Minshulls Farm
Lower Green Lane
Astley
Manchester
M29 7JZ

Permit: EAWML/50263

Accreditations and Memberships:

- ISO 9001, 14001
- BMTRADA FDC 2016



WASTE ESTIMATES

Initial site surveys have produced a forecast of the expected volumes to be generated on site. Estimated quantities of waste have been produced and will be monitored throughout the demolition process. The forecasted volumes of waste are listed below:

METALS – FERROUS / NON-FERROUS

250 tonnes

HARDCORE (BRICK, BLOCK, CONCRETE)

5500 tonnes

SPOIL

500 tonnes

GENERAL WASTE

200 tonnes – It estimated that 80% of the general waste will be sorted and recycled when it is at Kenny's waste management.

TIMBER

50 tonnes

ASBESTOS

Not exceeding 2 tonnes

WASTE RECORDS

METAL

Date	Ticket No.	Weight	Carrier	Site	Action	Use

HARDCORE

Date	Ticket No.	Weight	Carrier	Site	Action	Use

SPOIL

Date	Ticket No.	Weight	Carrier	Site	Action	Use

GENERAL WASTE

Date	Ticket No.	Weight	Carrier	Site	Action	Use

TIMBER

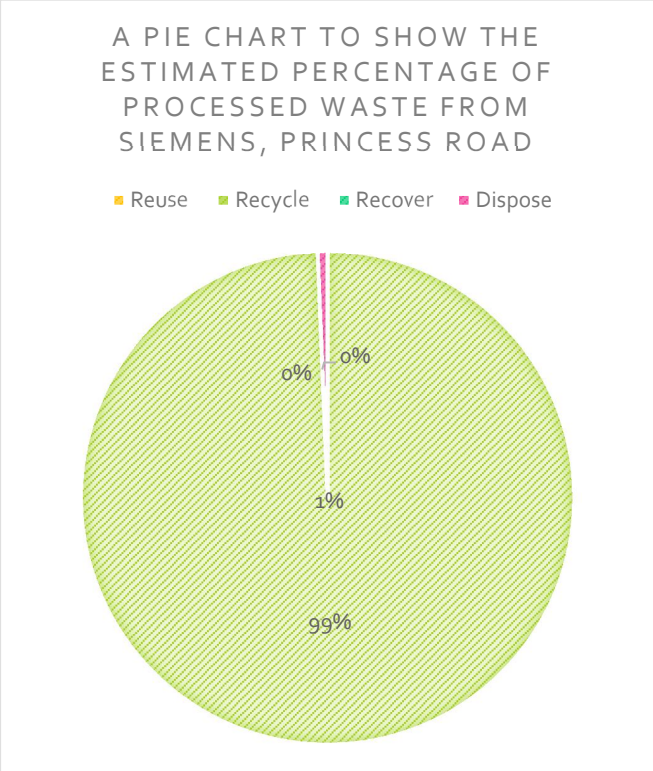
Date	Ticket No.	Weight	Carrier	Site	Action	Use

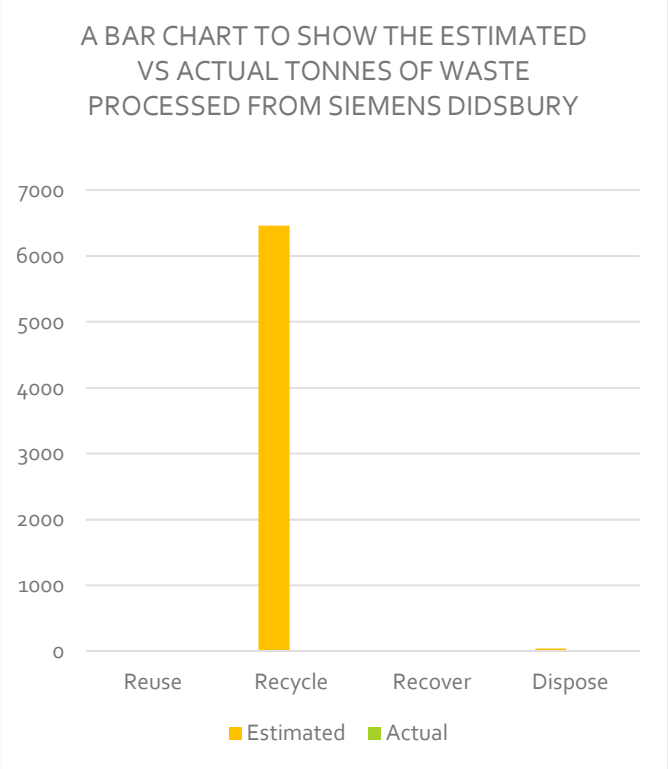
ASBESTOS

Date	Ticket No.	Weight	Carrier	Site	Action	Use

PROJECT OVERVIEW

The Graphs below are an example of the how we will present waste percentages recycled and tonnages of waste on our projects





A TABLE TO SHOW THE ESTIMATED TONNES OF MATERIALS REUSED, RECYCLED, RECOVERED AND DISPOSED OF AT SIR WILLIAM SIEMENS HOUSE, MANCHETSER.

	REUSE	RECYCLE	RECOVER	DISPOSE
METALS	0	250	0	0
HARDCORE/BRICK/BLOCK	0	5500	0	0
SPOIL	0	500	0	0
GENERAL WASTE	0	160	0	40
TIMBER	0	50	0	0
ASBESTOS	0	0	0	2

P. P. O'CONNOR
Committed To Excellence

SIEMENS

Appendix A: European Waste Catalogue Codes for the most common types of construction waste

These lists may change periodically - the user shall ensure that they checks that the information below is current and valid

: Guidance on the classification and assessment of waste (1st edition 2015)

Code	Description
17	**CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)**
17 01	**concrete, bricks, tiles and ceramics**
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	**wood, glass and plastic**
17 02 01	wood
17 02 02	glass
17 02 03	Plastic
17 02 04*	glass, plastic and wood containing or contaminated with hazardous substances
17 03	**bituminous mixtures, coal tar and tarred products**
17 03 01*	bituminous mixtures containing coal tar
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 03 03*	coal tar and tarred products
17 04	**metals (including their alloys)**
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 09*	metal waste contaminated with hazardous substances
17 04 10*	cables containing oil, coal tar and other hazardous substances
17 04 11	cables other than those mentioned in 17 04 10
Note ‘q’: The term ‘metal waste contaminated with’ indicates that the metal waste itself is not considered in the assessment. Hazardous substances in paints, coatings or other contamination are considered. Metal elements in alloys in massive form are generally excluded from assessment by the List of Wastes.	

Code	Description
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03*	soil and stones containing hazardous substances
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 05*	dredging spoil containing hazardous substances
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 07*	track ballast containing hazardous substances
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	**insulation materials and asbestos-containing construction materials**
17 06 01*	insulation materials containing asbestos
17 06 03*	other insulation materials consisting of or containing hazardous substances
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 06 05*	construction materials containing asbestos
17 08	**gypsum-based construction material**
17 08 01*	gypsum-based construction materials contaminated with hazardous substances
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	**other construction and demolition wastes**
17 09 02*	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

Appendix B: DATA SHEETS (see attached if required)