

LONGITUDINAL SECTION

MATERIALS KEY: Note, equal approved products may be offered for substitution, subject to approval. All product guarantees to be valid for less than 2km from the coast.

Roof to EW and MRF
A External sheet: Kalzip profiled aluminium standing seam roof sheet, built up system; rolled on site for continuous sheet lengths
Finish: Pre-weathered aluminium finish as AluPlusPatina. Guarantee: Product to have minimum guarantee of 25 years for coastal location.

Roof lights in EW and MRF roof
B Material: Danpalon polycarbonate roof cladding system, internal fixing.
Finish: Softlight
Colour: Ice

Roof over EW and MRF offices
C External sheet: Kalzip profiled aluminium standing seam roof sheet, built up system; rolled on site for continuous sheet lengths
Finish: Pre-weathered aluminium finish as AluPlusPatina. Guarantee: Product to have minimum guarantee of 25 years for coastal location.

Wall cladding to EW and MRF and offices
D1 External sheet: Sinusoidal or Trapezoidal steel wall cladding laid at an angle as Elite system 51 or 52 by Euroclad.
Finish: Euroclad Colourcoat Prisma
Colours: Light and dark tone in metallic finish in alternating planes
Dark tone to be Prisma Grey Aluminium
D2 Light tone to be Prisma Metallic Silver

Translucent wall cladding to sections of EW and MRF walls
E Material: Danpalon polycarbonate wall cladding system, internal fixing.
Finish: Softlight
Colour: Ice

Louvre banks in EW wall cladding
F Material: Steel, to be integrated with adjacent cladding systems
Colour: To match adjacent cladding
Finish: Polyester powder coated

Curtain walling to glazed areas of EW offices
G Material: Aluminium double glazed curtain walling system as Schuco or Kawneer. Opening sections at high level for natural ventilation
Colour: Glazing grey-green
Frame Finish: Polyester powder coated, Frame Colour: to match adjacent cladding

Curved screen to ACC's
H Material: Perforated Kalzip Aluminium sheet, type 65/400/RV6/8 in horizontal bands
Colour: Green to match RGB:68,220,132
Finish: Polyester powder coated

Brise soleil screen to EW offices
J Material: Perforated Kalzip Aluminium sheet, type 65/400/RV6/8 in horizontal bands
Colour: Green to match RGB:68,220,132
Finish: Polyester powder coated

Bottom Ash Roof
K External sheet: Kalzip profiled aluminium standing seam roof sheet, single skin; rolled on site for continuous sheet lengths
Finish: Pre-weathered aluminium finish as AluPlusPatina. Guarantee: Product to have minimum guarantee of 25 years for coastal location

Bottom Ash wall
L1 Material below 6m: Reinforced concrete; insitu or precast
Finish: Smooth finish with modular panel construction joints, with stainless steel wire Jacob trellis covered by climbing plants to form a vertical green wall on the North side.

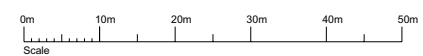
L2 Material above 6m: Single skin Sinusoidal or trapezoidal steel wall cladding laid at an angle as Elite system 51 or 52 by Euroclad
Finish: Euroclad Colourcoat Prisma
Colours: Light : Prisma Metallic Silver

Vehicle door surrounds in EW and MRF
M Material: Reinforced insitu concrete, Colour: Natural
Finish: Clean timber shuttering, wood grain finish.
N Material: Steel
Finish: Hot dip galvanised
Colour: Natural hot dip galvanised finish

Doors in EW base
P Material: Steel faced up and over, or roller shutter doors
Colour: To match adjacent cladding
Finish: Polyester powder coated.

Flue Structure and cladding
Q Material: steel
Finish: Hot dip galvanised
Blade material Perforated Kalzip Aluminium sheet, type 65/400/RV6/8 Colour: Green to match RGB:68,220,132
Finish: Polyester powder coated.

Chimney stacks
R Material: steel
Finish: Polyester powder coated
Colour: Goosewing Grey
Sluice gate doors to Bottom Ash and MRF Storage
S Material: steel
Finish: Hot dip galvanised
Colour: Natural hot dip galvanised finish



SLR - Architecture
Architects Engineers Environmental Consultants
SEVERN ROAD RESOURCE RECOVERY CENTRE
Scale: 1/1000 at A3 1/500 at A1 October 2009
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Longitudinal Section
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