

Materials Key:

Roof

A Kalzip standing seam in stucco embossed finish with 3004 AZ21 clad alloy sacrificial layer with special custom Kalzip profile roof edge including secret gutters, Rodéca polycarbonate roof lights.

B Fin walls of Kalzip aluminium louvers with 3004 AZ21 alloy sacrificial layer for ventilation to boiler hall to match finish of standing seam roof.

Walls

C EW base skin of modular 300 mm depth gabion baskets filled with dry laid Welsh slate waste fill of nominal 250mm size to form rain screen below. Alternatively modular steel panels to RAL No. 7023 'pearl dark grey'.  
 D Dry profile of nominal 500 mm RS Chromels painted finish for protection of adjacent wall finishes.

E A mixture of vertical Kalzip standing seam in stucco embossed finish with 3004 AZ21 clad alloy sacrificial layer and Rodéca double skin polycarbonate of finely graded, delicate multi hue to suit the functions of the areas behind the facade.

F Wave fenestration Rodéca double skin polycarbonate of finely graded sea green hue.

G Kalzip standing seam panels laid to angle in stucco embossed finish with 3004 AZ21 clad alloy sacrificial layer.

H ACC screen, Rodéca single skin polycarbonate of finely graded sea green hue to north and south elevations. East elevation draped with Kalzip perforated facade over coloured slatstack sheeling by plant contractor as wind wall to ACC.

Offices

J Kalzip Nature Roof low maintenance self sustaining sedum system on a standing seam base. Plug planted type with extended maintenance agreement and safety system

K Quaque facade in Rhazotik angled standing seam.  
 Fenestration to Southeast southwest and south facade in Seiferl-Niklaus GMBH timber & glass facade with Lexolux timber Bisse soffit. 1.5m off facade

Parking & Pathways

L Concrete block paving in contrasting colours and textures to grid pattern shown

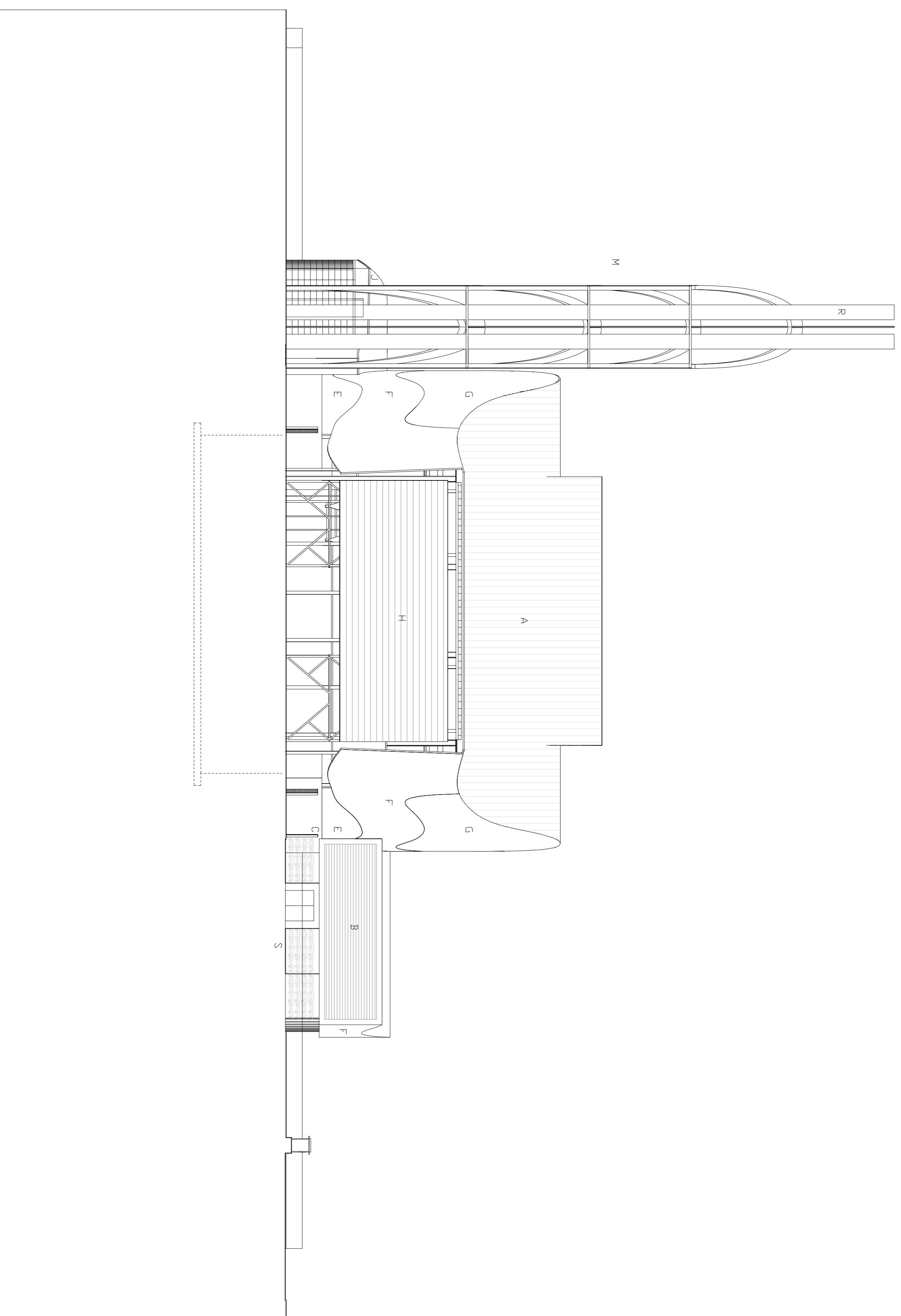
Stuck & Accessories

M Tower structure in painted steel plate and tube in light grey RAL no. 7035.

R Stuck and accessories, lightning conductor, navigation lights, and hoop ladders. in light grey RAL no. 7035.

S Reinforced in situ concrete wall with smooth formwork surface with exposed panel joints established with vertical climbing planting on stainless steel wire Jacob trains.

Notes  
 RAL colours noted are RAL K7 Classic individual cards of the registers RAL80-HR - semi matt finish and RAL 84-1-GL - glass finish are to be used to guarantee a reliable manufacture and control of the RAL colours.  
 Materials outlined above may be subject to substitution by other equal and approved products.



**SLR - Architecture**  
 Architects Engineers Environmental Consultants  
**TRIDENT PARK, CARDIFF - ENERGY FROM WASTE & RECYCLING FACILITY**  
 East Elevation

1/400 at A1  
 January 2010  
 Project Ref: 0036.00306.25  
 Drawing No. EW-PO-20.PL 1

