

Install insect mesh top and bottom with min 10mm clear ventilation
 Fixing through batten to masonry
 Sarnafil roof membrane lapped over full width of wall in accordance with Manufacturer's design and instructions
 Polyester powder coated prefabricated aluminium coping profile fixed to clips onto batten and WBP
 Full width 15mm WBP fixed down to masonry
 Fixing batten for aluminium coping profile

Sarnafil roof membrane lapped over membrane lapped up wall in accordance with Manufacturer's design and instructions
 Sarnafil fixing in accordance with Manufacturer's design and instructions
 Hot air weld in accordance with Manufacturer's design and instructions
 80mm Celotex PIR insulation to gutter
 19mm WBP ply gutter board
 Timber battens to gutter board min depth 25mm
 Simpson Strongtie SFH restraint hangers in accordance with Structural Engineer's design and specification
 200mm x 60mm flat roof joists @ 400mm c in accordance with Structural Engineer's design and specification
 Plasterboard ceiling
 13mm nom plaster coating
 150mm Thermaite blockwork

01 Covered Courtyard Polycarb Roof Detail
 Scale: 1:5

Fixing through WBP to masonry
 25mm rigid insulation thermal break
 Sarnafil roof membrane lapped over membrane lapped up wall in accordance with Manufacturer's design and instructions
 Sarnafil fixing wall in accordance with Manufacturer's design and instructions
 Hot air weld in accordance with Manufacturer's design and instructions
 Sarnafil single layer roof membrane to roof in accordance with Manufacturer's design and instructions
 85mm Celotex TA4000 to gutter
 Continuous lapped and sealed vapour control layer
 19mm WBP ply gutter board
 Timber firings to 1:80 with min depth 25mm
 Timber battens to gutter board min depth 25mm
 200mm x 47mm flat roof joists @ 400mm c in accordance with Structural Engineer's design and specification

100mm x 50mm head plate of bulkhead fixed to u/s of roof joists
 Plasterboard ceiling

New rigid bulkhead to have 2 layers air tight 100mm PIR Celotex insulation horizontally with single layer vertically
 New rigid bulkhead to accommodate fixing of head of door and timber double glazed screen
 DPM lapped from door/window frame across soffit board and up under cavity tray
 Hardwood door frame
 Hardwood finished soffit board
 Maple sunscreen bespoke vertical Larch feature fins, min 500mm deep

05 Courtyard Extension Family Room Glazed Screen Bulkhead Detail
 Scale: 1:5

Polycarbonate sheet roof fixed over cross timber joists with fixings in accordance with Structural Engineer's design and specification

Cross timbers fixed to rafters in accordance with Structural Engineer's design and specification
 Timber cladding cut around rafters to butt tight
 Timber rafters in accordance with Structural Engineer's design and specification
 Narrow joist hangers to rafters in accordance with Structural Engineer's design and specification
 Timber plate bolted to wall in accordance with Structural Engineer's design and specification

Vapour barrier to remain continuous
 65mm Celotex GA4000 with taped joints
 Counter sink fixings and alignment shims in accordance with Structural Engineer's design and specification
 80mm x 50mm horizontal battens @ 600mm c with counter sunk fixings
 Tyvek vapour control layer
 50mm x 38mm treated softwood vertical battens @ 600mm c secured to substrate
 20mm Siberian Larch horizontal boarding with exposed face fixed over battens using annular stainless steel ring shank roundhead nails.

02 Covered Courtyard Polycarb Roof Detail
 Scale: 1:5

Install polyester powder coated aluminium flashing fixed over top of new cladding to lap up under window frame
 Tyvek vapour control layer below flashing over top of new cladding to lap up under window frame
 Voids to be insulated as best possible below vapour barrier and flashing
 20mm Siberian Larch horizontal boarding with exposed face fixed over battens using annular stainless steel ring shank roundhead nails.
 65mm Celotex GA4000 with taped joints
 Counter sink fixings and alignment shims in accordance with Structural Engineer's design and specification
 80mm x 50mm horizontal battens @ 600mm c with counter sunk fixings
 Tyvek vapour control layer
 50mm x 38mm treated softwood vertical battens @ 600mm c secured to substrate

03 New Covered Yard Cladding Flashing Detail
 Scale: 1:5

Counter sink fixings and alignment shims in accordance with Structural Engineer's design and specification
 80mm x 50mm horizontal battens @ 600mm c with counter sunk fixings
 Tyvek vapour control layer
 50mm x 38mm treated softwood vertical battens @ 600mm c secured to substrate
 20mm Siberian Larch horizontal boarding with exposed face fixed over battens using annular stainless steel ring shank roundhead nails.
 65mm Celotex GA4000 with taped joints
 1200g polythene DPC protection lapped 300mm up wall and under engineering brickwork plinth

04 New Covered Yard Cladding Plinth Detail
 Scale: 1:5

Polyester powder coated prefabricated aluminium coping profile fixed to clips onto batten and WBP
 Full width 15mm WBP fixed down to masonry
 Fixing batten for aluminium coping profile
 Fixing through batten to masonry
 Sarnafil roof membrane lapped over full width of wall in accordance with Manufacturer's design and instructions
 100mm Thermaite Shield blockwork
 102.5mm facing brickwork to match existing
 35mm cavity
 65mm Celotex CW4000 rigid PIR insulation

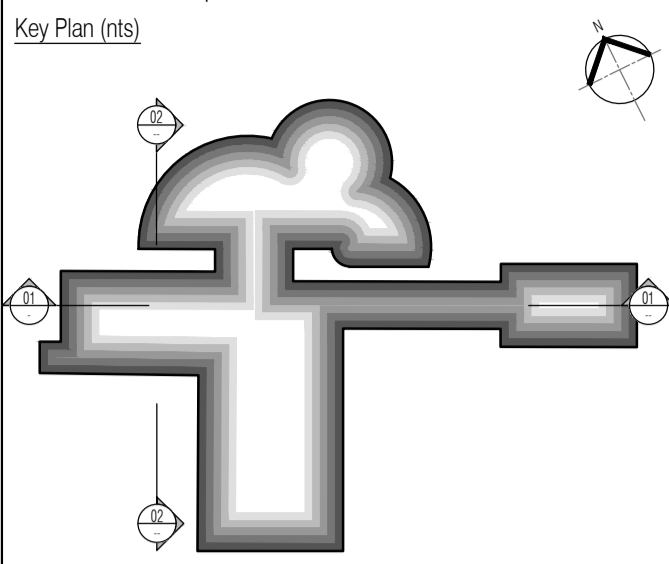
Cavity tray lapped up into blockwork and down to flow through weep holes
 Perpend of brickwork left open every 450mm c to drain cavity
 Lintel spanning to internal blockwork for adequate bearings in accordance with Structural Engineer's design and specification

Facing brickwork behind

05 Courtyard Extension Family Room Glazed Screen Bulkhead Detail
 Scale: 1:5

NB: All information based on supplied third party survey information. All discrepancies to be reported to FCG immediately upon discovery.

NOTES: Do not scale this drawing. All dimensions to be checked on site prior to commencement or manufacture.
 Key Plan (nts)



ISSUED FOR CONSTRUCTION

All details referenced in call outs supercede general arrangement or larger depictions.

Rev	Date	By	CHK	Comment
C1	09.07.12	RKC	JAS	Issued for Construction
P2	01.06.12	RKC	JAS	Detail added
P1	25.05.12	RKC	JAS	Issued for Stage E

BRINGING IDEAS TO LIFE

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Client

Mansell
 Contract N°: Worthing

Project Title

Eastbourne & Worthing
 Crematoria
 Refurbishments and Alterations

Drawing Title

Worthing Crematorium
 Covered Courtyard Polycarb Roof
 and Cladding Details

Drawn by: RKC	Scale: 1:5@A1	Date: 25.05.12
Designed by: FCG	Checked by: JAS	Approved by: AC

File Ref: X:\FRANKHAM\2012\05100 CREMATORIA\WORK\408 408 DETAIL DOCUMENTS
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Drawing No. 521260-A-418-W	Rev. C1
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