

#### LEGEND

- 42.5mm Kingspan K118 & plaster skim.
- 32.5mm Kingspan K118 & plaster skim.
- 80mm Kingspan K112.
- 25mm Kingspan K112.
- Full fill Rockwool Flexi mineral wool insulation.
- VCL.
- DPC.
- Breather membrane.
- Treated 38x89 C16 stud @ max 600 ctrs / sole plate / framing.
- Treated 38x140 C24 studs @ max 600 ctrs / sole plate / framing.
- Treated 38x195 C16 SW timber
- Treated 47x97 SW timber framing.
- Treated 25x50 SW battens.
- Treated 63x97 SW timber cut to size.
- Treated 38x275 SW timber cut to size.
- Treated 47 thick SW timber blocking between steel flange
- 215mm Celcon Standard blockwork.
- Steel post, to Struct Eng details.
- 18mm WBP plywood.
- 18mm WBP plywood with rebate to bottom edge.
- Powder coated Aluminium cladding panel - folded edges - on lift and drop fixing brackets
- Stainless steel vermin mesh
- Ventilated cavity.
- Line of existing stall riser below.
- Packer.
- Powder aluminium stanchion support - part of Kingfisher louvre system.
- Kingfisher KW30Z powder coated aluminium louvre - 30mm blade pitch - 32mm blade depth - overall depth 105mm
- Powder coated aluminum double glazed window, similar to existing. NB: window shown indicatively.
- Caulk and seal around perimeter of window.
- Polysulphide seal to perimeter of window and aluminum cladding.
- Powder coated aluminum sill similar to existing. NB: sill shown indicatively.
- 25mm painted MDF window board.
- Polysulphide seal.
- Existing structure.
- Steel channel, to Struct Eng details.
- 325mm (215 + 10 +100) Celcon Standard blockwork stall riser.
- Polymer modified render.
- Polymer modified render to sill.
- Joint mesh.
- 12.5mm plasterboard and plaster skim.
- Timber or metal framing to suspended ceiling.
- 25mm painted MDF.
- Shadow line plasterboard trim.
- Knauf Aquapanel or similar.
- Structural insulated roof sandwich panel, to Struct Eng details.
- Fully adhered single ply membrane.
- Treated SW timber fillet.
- Powder coated aluminum parapet and fascia cladding, shown indicatively, to match existing.
- Weep holes on drip edge
- Corner spot welds and reverse fins to ensure form and rigidity of aluminium panels to be determined by specialist cladding panel manufacturer
- Lift and drop fixings (15mm max) o r alternative by panel manufacturer - to architect approval ,

#### GENERAL NOTES

Read in conjunction with drawing 17H3.AS.4002  
This drawing is for design intent only, shop drawings for cladding and screen to be submitted for approval prior to manufacture.

Refer to general arrangement drawings for full extent of aluminium cladding to fascia and columns  
17H3.LO. 1000 (Plan)  
17H3.LO.2000 (Elevation)

Louvre supplier: Kingfisher Louvre Systems Ltd  
Plymouth Avenue  
Brookhill Industrial Estate  
Pinxton, Nottingham, NG16 6NS  
Tel: 01773 814102  
Fax: 01773 814103

Louvre blades and concealed mullions to be extruded aluminium grade 6063 T6 to BS 1474.  
Louvre type: KW30Z, blade centres 30mm.  
Finish: polyester powder coating to BS 6496/PVF2/anodised AA25 to BS 3987/Colour:RAL 8019.  
Continuous appearance.  
Accessories: HDPE/aluminium/insect guard. Head/jamb/sill flashings

Polysulphide in matching colour to external junctions of window frame and cladding.

Caulk perimeter of window frame and internal lining.

Suggested fixing method for aluminium panels - lift and drop fixings  
- or Alternative fixing method by panel manufacturer to approval.

01 18.05.2018RvW  
\* Change to aluminium louvres  
\* Revise aluminium panel system and fixing method

00 10.05.18 WHL  
\* ISSUED FOR CONSTRUCTION  
rev amendments date by

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Drawing Title  
PROPOSED  
CLADDING & SCREEN  
DETAIL SHEET

Drawing Status

CONSTRUCTION

Date 30/04/2018 Drawn by WHL

Scale A1 @ 1:5 A3 @ 1:10

Drawing No. 17H3.CO.5010 Rev 01

Cad File  
17H3.AS.4002\_CO.5010 (SCREEN)  
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0m 0.5m  
A1 @ Scale: 1:5

