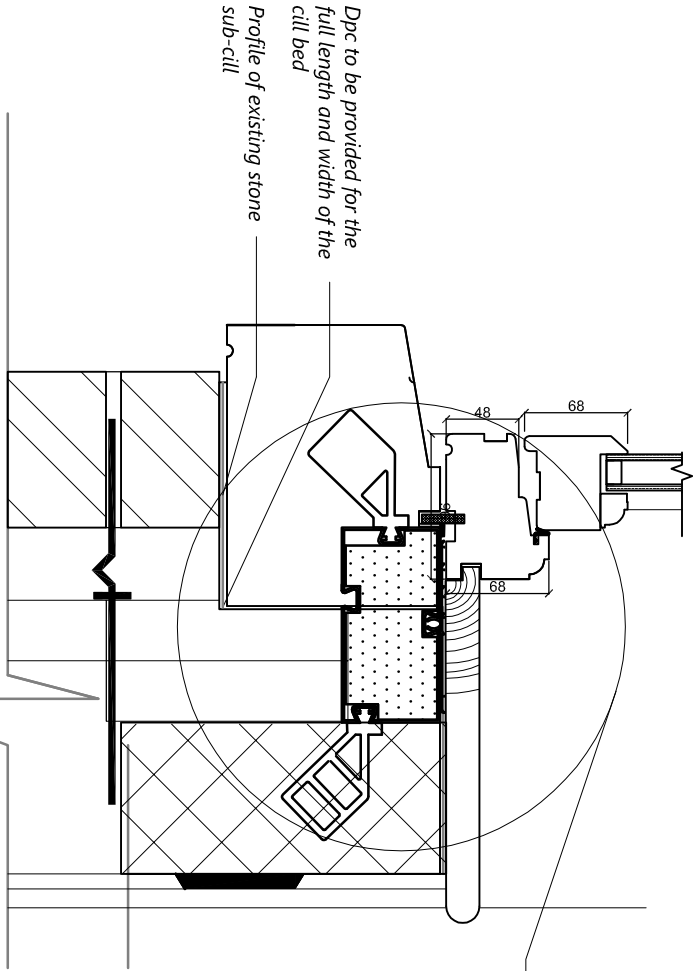
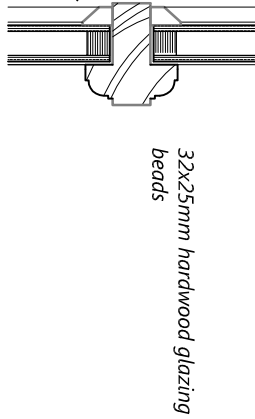
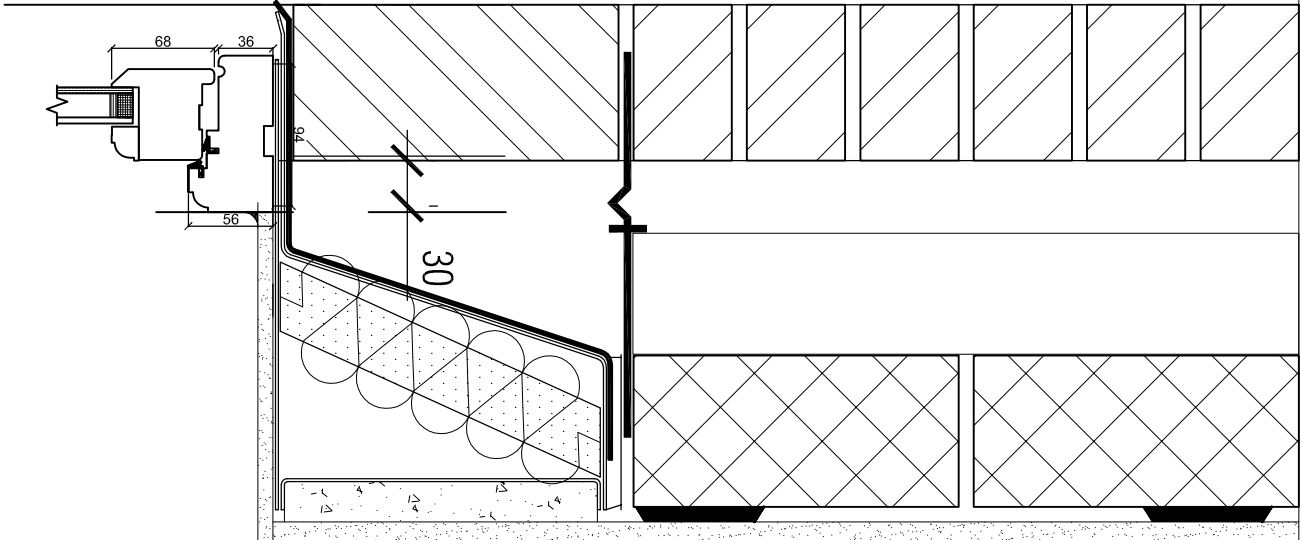


HEAD DETAIL



EXTERNAL WALL CONSTRUCTION

100 mm (102mm) Brickwork external leaf, colour to LA Planning approval. All new brick walls to have tooled flush joints.
125mm cavity with galvanized steel wall ties at max. 750mm horizontal ctrs. and 450mm vertical ctrs. staggered and doubled up at all openings. Ties to be bedded a minimum of 50mm into each leaf of the wall as work proceeds. The dip should face downwards. Ties to be built in, not pushed into joints.

50mm clear cavity with insulation to be 80mm Celotex CW4000 insulation as specified within SBEM calculations

Carnic galvanized steel lintols over all openings as specified by manufacturer (or other approved). Lintels to external walls to have separate d.p.c cavity tray over including stop ends. Min. 150mm end bearing to lintol with 12.5mm plaster to all faces. Type C Cavity tray to be installed over all openings- tray may be is self supporting and can terminate against or within the inner skin.

Provide 100x70mm weephole over lintols. The Weep Vent should be spaced at no greater than 900mm centres to meet NHBC guidelines, and are recommended to be sited at every 450mm maximum with at least two per opening above all windows and doors

100mm Mona 100S blocks to inner leaf.

Walls drylined internally with 12.5mm plasterboard and skim finish on dabs. Cavities behind plasterboard to be continuous plaster dabs to prevent air movement.

Window opening reveals made up with Thermobate insulated cavity closers/d.p.c or with cavity closer blocks and Damcor insulated d.p.c.

ALL TO SBEM ASSESSORS DETAILS AND RECOMMENDATIONS

WINDOW HEAD DETAIL MCI-WD-01 CILL DETAIL MCI-WD-04

General notes

Ensure that cavities are kept clean of mortar snots or other debris during construction

Thermal performance

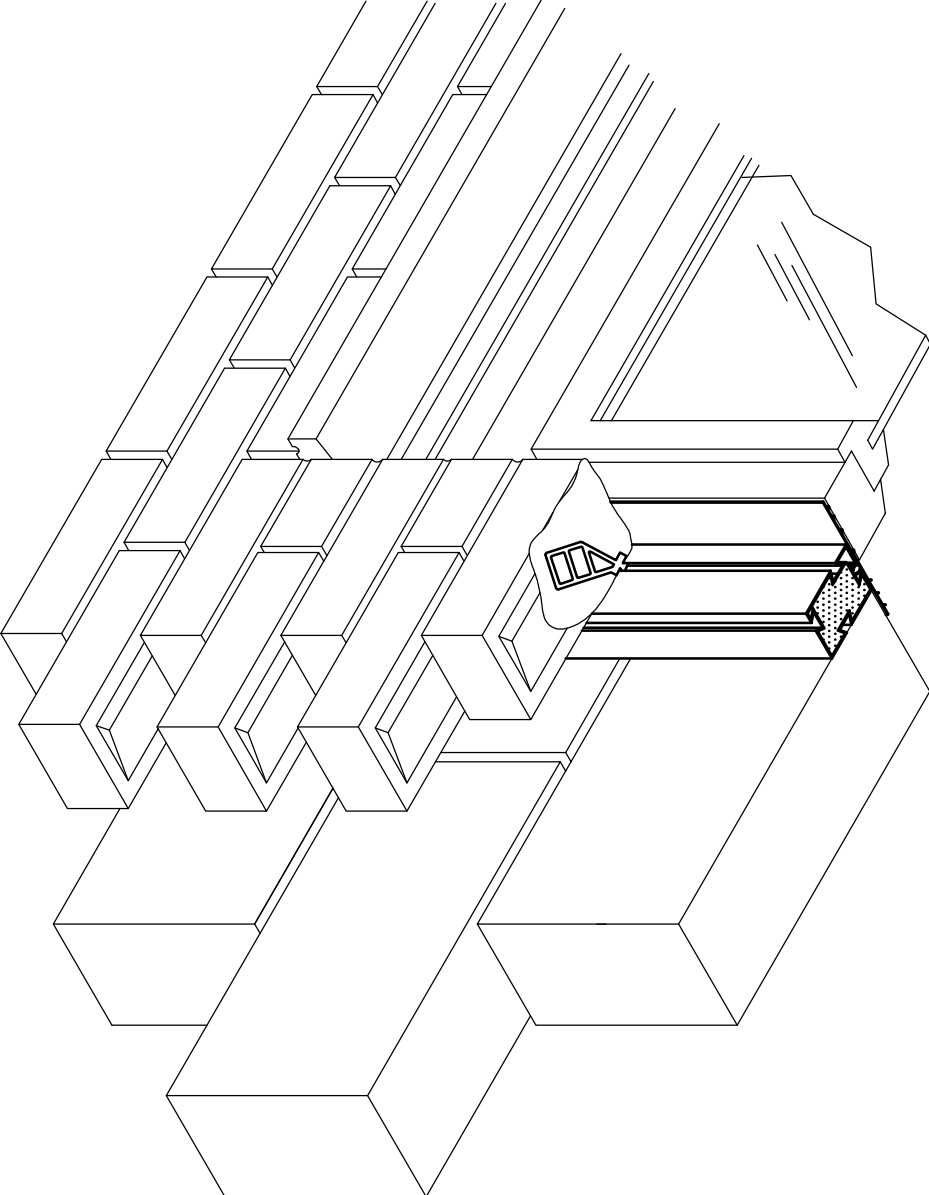
Ensure thickness of lintel material is no more than 3.2mm
Use only perforated base plate with an effective thermal conductivity not exceeding 30W/mK
Minimum frame overlap to be 30mm
Ensure the partial fill insulation is firmly fixed against the inner leaf of the cavity wall by means of insulation retaining discs.

Air barrier continuity

Apply flexible sealant to all interfaces between the internal air barrier and the window/door frame members
Seal all penetrations through air barrier using a flexible sealant

Internal finish

12.5mm plasterboard on dabs shall be installed with a ribbon of adhesive around all openings, along the top and bottom of the wall and at all internal/external corners



JAMB DETAIL MCI-WD-05

General notes

Ensure that cavities are kept clean of mortar snots or other debris during construction

Thermal performance

Install a proprietary cavity closer having a path of a minimum thermal resistance path through the closer of not less than 0.45_m2KW
Minimum frame overlap to be 30mm
Ensure the partial fill insulation is firmly fixed against the inner leaf of the cavity wall by means of insulation retaining discs.

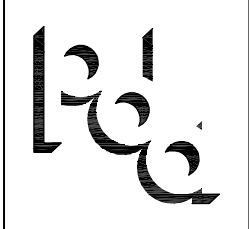
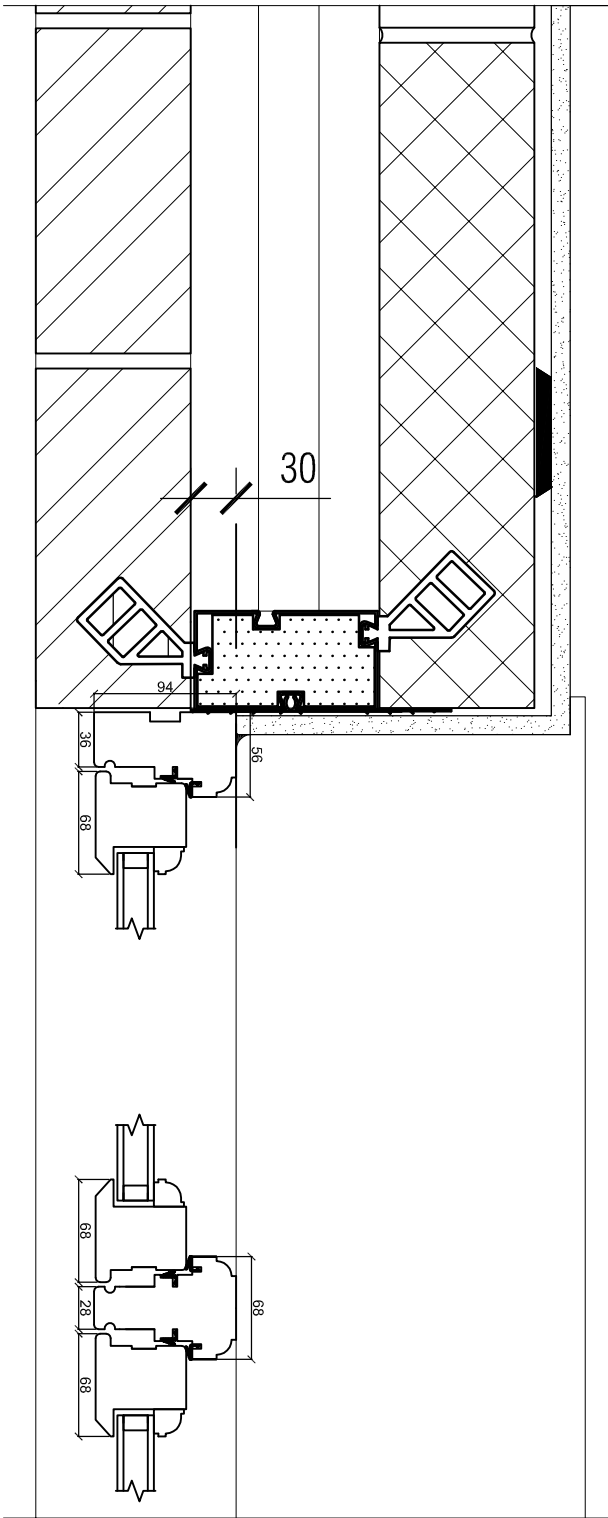
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CILL DETAIL



Parry Davies Architects

Chartered Architects.

PROJECT TITLE	Land to rear of Sontley Road/ Erddig Road, Wrexham	DATE	August 2015	SCALE	1:5 @A2	DRAWN	KEG	CHK	
DRAWG. TITLE	Window Details	DRAWG. NOS.	13.5436/10	REV	A				