



PPC Preformed aluminium cill with side upstands, rear upstand glazed into Scheuco system. Fix cill over brick capping to parapet with proprietary metal clips.

Fill any gaps to make cill vermin/insect proof with compressable foam tape.

Scheuco thermally insulated aluminium mullion/transom vertical glazing system sized to suit loadings. Detail shows 190x50mm box frames to be confirmed by subcontractor's design calculations.

Lap & seal EPDM weatherstrip flashing over dpc.

Fix dpc back to curtain wall 50x50 aluminium sub-section

Curtain wall subcontractor to design fixings to RC wall/slab. Steel brackets to be thermally isolated with Farrat or similar thermal break plates.

200mm thick RC wall to structural engineer's design and detail.

Bricklayer or curtain wall installer to fill any voids with suitable insulation.

Scheuco thermally insulated aluminium mullion/transom vertical glazing system. Refer to Atrium Wall Schedule 1213_WD_534.

PPC aluminium faced composite insulated external plinth panel fixed back to frame with metal clips.

PPC Aluminium cill as noted externally, fixed to CW frame

Make airtight the junction between the curtain wall frame and inner leaf wall. Seal between internal brickwork and curtain wall frame with Illbruck ME500 or similar window membrane.

PPC aluminium faced board internal skirting panel fixed between frame.

Scheuco 50x50 aluminium sub-section between mullions to secure plinth board and fix back membranes.

Air & vapour control layer (AVCL) taped and sealed back to curtain wall frame and DPM over RC slab to manufacturer's recommendations. Type to suit condensation risk of room conditions. Refer to BS5250 guidelines.

Cast stone or concrete plinth and continuous drainage channel gutter with heel proof SS grating for whole length of curtain wall.

Seal curtain wall EPDM onto RC slab DPM/Tanking under plinth

Refer to floor type drawing 1213_WD_400 for build up.

Leave perpend open at 450mm centers at low and high level along length of parapet, for ventilation of cavity.

85mm CG5000 Celotex insulation

Vapour barrier on face of insulation sealed to window membrane at head and to vapour barrier of internal plasterboard below. Where fixings penetrate VB seal with appropriate sealant/ fittings.

Cavity barrier, celotex insulation and head detail as shown on WD452

Roof edge/Base of Parapet

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DATE	REV.	DESCRIPTION	BY	CHECKED
05.05.17	C	Parapet detail revised in accordance with new parapet construction. Base detail added.	RS	RS
24.01.17	B	Capped Aluminium CW shown in lieu of SS silicone jointed. Floor edge angle to base of detail 2 omitted. Issued for Tender	RS	RS
05.01.17	A	External header brick removed and Scheuco reference to VISS omitted as VE instruction.	RS	RS
01.06.16	/	Issued for comment	JF	PH

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ARCHITECTS INTERIOR DESIGNERS
 MASTER PLANNERS URBAN DESIGNERS

CLIENT	KIER GROUP		
PROJECT	Greenwood Place		
DRAWING TITLE	Curtain Wall - Atrium Cill Details		
STATUS	TENDER		
SCALE	1:5@A-3	DRAWN BY	BJ
DATE	2016.04	CHECKED BY	PH
DRAWING NO.	1213_WD_492	REVISION	C