

Section of External Wall with Cast in channel masonry support system (Stretcher Bond) & Separating Floor between Commercial to Flat

### OUTSIDE

- Facing brickwork, refer to elevations for manufacturer & brick type Clear cavity, width varies, min
- 50mm Kingspan K15 insulation, all joints to
- be taped 12mm Cement particle sheathing board (RCM Cemboard is classified
- as a class 0 building material: Cemboard fire rated partition - systems have been tested in accordance with BS 476: Part 22:1987) by Vivalda or similar approved, installed as per
- manufacturers recommendation Brick ties: Ancon 25/14 restraint
- system with SD25 tie or similar - approved to suit cavity thickness, at staggered centres as per manufacturer's recommendations
- Cavity tray fixed in accordance with manufacturer's recommendations
- Rytons Rytweep (RYTWEEP) with RYTWTUBE Tube protruding 10mm - from finished brickwork, at approved \_centres (900mm max), installed as per manufacturers recommendation
- Fire barrier, bespoke to suit wide cavitv

slips)

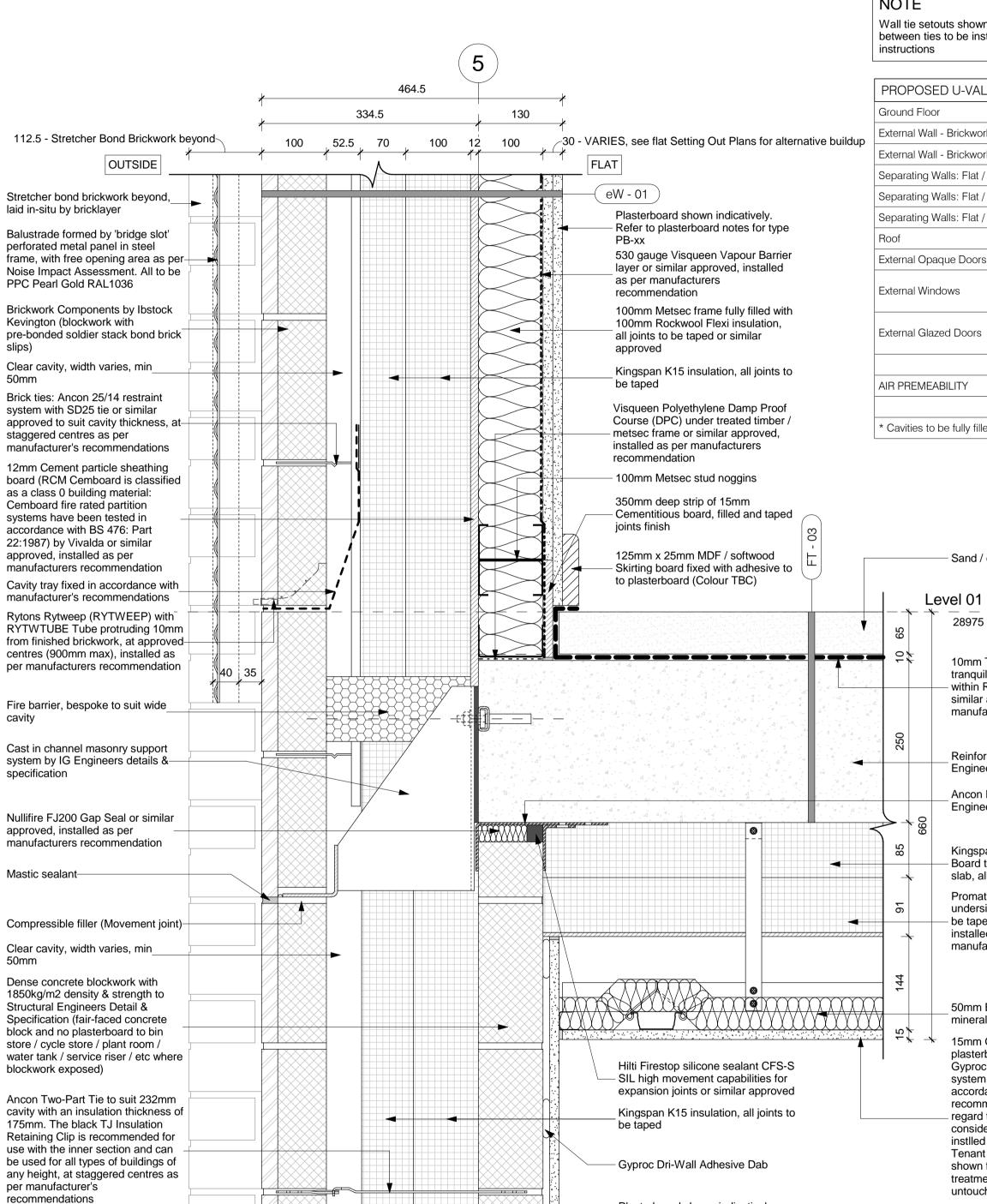
50mm

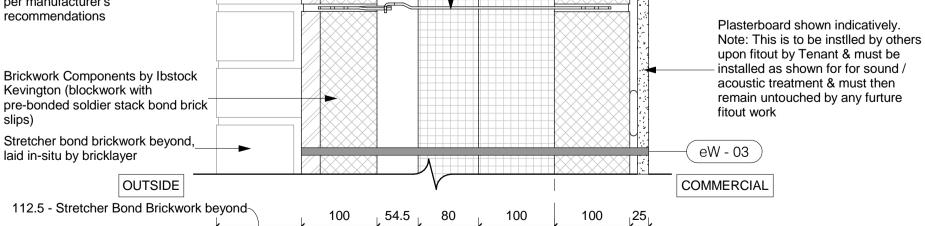
cavitv

50mm

slips)

- Cast in channel masonry support - system by IG Engineers details & specification
- Nullifire FJ200 Gap Seal or similar - approved, installed as per manufacturers recommendation
- Pistol brick
- Hilti Firestop silicone sealant CFS-S 22:1987) by Vivalda or similar - SIL high movement capabilities for expansion joints or similar approved manufacturers recommendation
- Mastic sealant
- Compressible filler (Movement joint)
- Ancon Two-Part Tie to suit 344.5mm cavity with an insulation thickness of 175mm. The black TJ Insulation Retaining Clip is recommended for - use with the inner section and can be used for all types of buildings of any height, at staggered centres as per manufacturer's
- recommendations Dense concrete blockwork with 1850kg/m2 density & strength to Structural Engineers Detail & Specification (fair-faced concrete block and no plasterboard to bin store / cycle store / plant room / water tank / service riser / etc where
- Clear cavity, width varies, min 50mm
- Facing brickwork, refer to elevations for manufacturer & brick type
- OUTSIDE





100



laid in-situ by bricklayer

Section of External Wall with Cast in channel masonry support system (Soldier-Course Stack Bond) & Separating Floor between Commercial to Flat

459.5

334.5

Masonry Wall Tie Spacing

	Horizontal Spacing	Vertical Spacir
Distance along wall	Max. 900mm	Max. 450mm
Distance from Dpenings, Roof Verges, Aovement Joints	Max. 225mm	Max. 300mm

Note; Wall ties along wall may correspond to table above or alternatively be spaced such as not to be less than 2.5 ties/m<sup>2</sup>. Wall ties to be installed to manufacturer instructions



#### ALL JUNCTIONS BETWEEN INTERNAL CEILING & INTERNAL WALLS AND PENETRATIONS IN AIR BARRIER TO BE SEALED WITH FLEXIBLE SEALANT.

ALL PLASTERBOARD JOINT LOCATIONS TO BE TAPED AND JOINT FINISH.

ALL PLASTERBOARD ON DABS TO HAVE CONTINUOUS RIBBON OF ADHESIVE AROUND ALL OPENINGS, ALONG TOP AND BOTTOM OF WALL, AND AT INTERNAL AND EXTERNAL CORNERS.

DETAILS TO BE READ IN CONJUNCTION WITH SECTIONS & GA PLANS - REFER TO SUITABLE PLASTERBOARD TYPE.

## NOTE

Wall tie setouts shown indicatively. Set outs & distances between ties to be installed as per manufacturer

PROPOSED U-VALUE TO ACHIEV	E
Ground Floor	0.11 W/m2.K
External Wall - Brickwork with Mestic	0.10 W/m2.K
External Wall - Brickwork with Blockwork	0.11 W/m2.K
Separating Walls: Flat / Communal Areas	ТВС
Separating Walls: Flat / Lift Shaft	ТВС
Separating Walls: Flat / Flat Party Walls	0.0*
Roof	0.11 W/m2.K
External Opaque Doors	1.0 W/m2.K
External Windows	1.5 W/m2.K (g-value of 0.63)
External Glazed Doors	1.5 W/m2.K (g-value of 0.63)
AIR PREMEABILITY	4m3/m2.h

Sand / cement screed

10mm Thickness Monarfloor tranquilt acoustic resilient layer within Robust Details (E-FC-11) or similar approved, installed as per manufacturers recommendations

Reinforced concrete to Structural Engineers Design & Detail

Ancon Head Restraint to Structural Engineers Details & Specification

Kingspan Kooltherm K10 FM Soffit Board to fixed underside concrete slab, all joints to be taped

Promat LT Board Soffit to fixed underside concrete slab, all joints to be taped, by Promat Uk Limited to installed in accordance with the manufacturers recommendations

50mm BG Isover APR1200 unfaced mineral wool insulation

15mm Gyproc SoundBloc plasterboard, tape and joint finish & Gyproc MF suspended ceiling system or similar approved fixed in accordance with manufacturer's recommendations and with specific regard to 'lift' and 'air tightness' considerations. Note: This is to be instlled by others upon fitout by Tenant & must be installed as shown for for sound / acoustic treatment & must then remain untouched by any furture fitout work All dimensions to be verified on site by Main Contractor before the start of any shop drawings or work whatsoever either on their own behalf or that of subcontractors

Report any discrepancies to the Contract Administrator at once. This drawing is to be read with all relevant Architect's and Engineer's drawings and other relevant information © Ingleton Wood LLP

#### LEGEND:

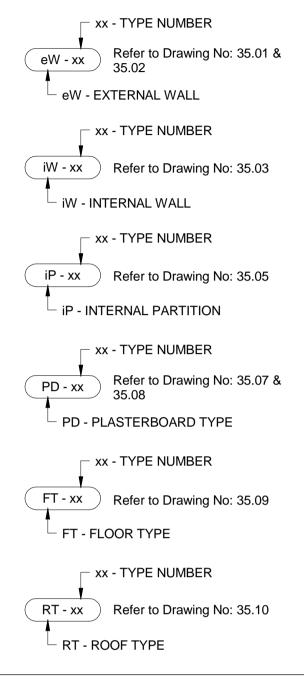
# **GENERAL NOTES**

This drawing should be read in conjunction with all relevant consultants drawings and specifications.

DO NOT SCALE

Setting out dimensions and sizing of all RC elements should be taken from structural engineer's drawings and documentation.





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Rev: Date: Description:		Chk:	Apr:
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1:5	London	84923	
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Ingleton Wood		rm and fund	ction
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Norwich	www.ir	ngletonwood.	co.uk
Project:			
Regents Park Est Plot 4 - Newlands Hampstead Road London NW1 2PS	6 		

Drawing Title: External Wall Details - Sheet 04

Client:

Lovell Partnership Ltd.

File Ref: NL - IW - XX - ZZ - DR - A - 35.44

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