

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

Masonry Wall Tie Spacing ALL JUNCTIONS BETWEEN INTERNAL CEILING & PROPOSED U-VALUE TO ACHIEVE INTERNAL WALLS AND PENETRATIONS IN AIR Horizontal Spacing Vertical Spacing 0.11 W/m2.K Ground Floor BARRIER TO BE SEALED WITH FLEXIBLE SEALANT. Max. 900mm Max. 450mm Distance along wall External Wall - Brickwork with Mestic 0.10 W/m2.K ALL PLASTERBOARD JOINT LOCATIONS TO BE Distance from TAPED AND JOINT FINISH. Openings, Roof Verges, External Wall - Brickwork with Blockwork 0.11 W/m2.K Max. 225mm Max. 300mm Movement Joints ALL PLASTERBOARD ON DABS TO HAVE Separating Walls: Flat / Communal Areas | TBC CONTINUOUS RIBBON OF ADHESIVE AROUND ALL Note; Wall ties along wall may correspond to table above TBC Separating Walls: Flat / Lift Shaft OPENINGS, ALONG TOP AND BOTTOM OF WALL, LEGEND: or alternatively be spaced such as not to be less than AND AT INTERNAL AND EXTERNAL CORNERS. 2.5 ties/m². Wall ties to be installed to manufacturer Separating Walls: Flat / Flat Party Walls instructions DETAILS TO BE READ IN CONJUNCTION WITH 0.11 W/m2.K SECTIONS & GA PLANS - REFER TO SUITABLE External Opaque Doors 1.0 W/m2.K PLASTERBOARD TYPE. 1.5 W/m2.K External Windows (g-value of 0.63) NOTE 1.5 W/m2.K Wall tie setouts shown indicatively. Set outs & distances External Glazed Doors between ties to be installed as per manufacturer (g-value of 0.63) instructions AIR PREMEABILITY 4m3/m2.h eW - xx * Cavities to be fully filled with mineral wool 130 30 - VARIES, see flat Setting Out Plans for alternative buildup-FLAT eW - 02 Facing brickwork, refer to elevations Plasterboard shown indicatively. for manufacturer & brick type Refer to plasterboard notes for typeiP - xx Clear cavity, width varies, min 530 gauge Visqueen Vapour Barrier layer or similar approved, installed as per manufacturers Kingspan K15 insulation, all joints to recommendation 100mm Metsec frame fully filled with Brick ties: Ancon 25/14 restraint 100mm Rockwool Flexi insulation, Refer to Drawing No: 35.07 & system with SD25 tie or similar PD - xx all joints to be taped or similar approved to suit cavity thickness, at staggered centres as per └ PD - PLASTERBOARD TYPE manufacturer's recommendations Visqueen Polyethylene Damp Proof Course (DPC) under treated timber / 12mm Cement particle sheathing metsec frame or similar approved, - xx - TYPE NUMBER board (RCM Cemboard is classified installed as per manufacturers as a class 0 building material: recommendation FT - xx) Refer to Drawing No: 35.09 Cemboard fire rated partition 100mm Metsec stud nogginssystems have been tested in accordance with BS 476: Part └ FT - FLOOR TYPE 150mm deep strip of 15mm 22:1987) by Vivalda or similar Cementitious board, filled and tapedapproved, installed as per joints finish - xx - TYPE NUMBER manufacturers recommendation 125mm x 25mm MDF / softwood Skirting board fixed with adhesive to-Cavity tray fixed in accordance with RT - xx Refer to Drawing No: 35.10 to plasterboard (Colour TBC) manufacturer's recommendations **VARIES FFL** ☐ RT - ROOF TYPE Rytons Rytweep (RYTWEEP) with RYTWTUBE Tube protruding 10mm from finished brickwork, at approved Sand / cement screedcentres (900mm max), installed as per manufacturers recommendation 10mm Thickness Monarfloor tranquilt acoustic resilient layer within Robust Details (E-FC-11) or similar approved, installed as per Fire barrier, bespoke to suit wide manufacturers recommendations Reinforced concrete to Structural **Engineers Design & Detail** Clear cavity, width varies, min Void packed with nominal 25mm x 25mm stone mineral wool strips 15mm Intumescent acoustic sealant Cloaking / Gypframe steel angle deflection gap in board joint is at fixed to underside of concrete slab bottom of head track, to be sealed with compressible material, installed Fixing strap by Metsec, installed as as per manufacturers per manufacturers recommendation 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 Rev: Date: Description 15mm Gyproc SoundBloc plasterboard, tape and joint finish & Gyproc MF suspended ceiling Scale @ A1: system or similar approved fixed in 1:5 Kingspan K15 insulation, all joints to accordance with manufacturer's recommendations and with specific be taped Purpose of Issue: regard to 'lift' and 'air tightness' S4 considerations 12mm Cement particle sheathing board (RCM Cemboard is classified 100mm Metsec frame fully filled with as a class 0 building material: 100mm Rockwool Flexi insulation, Cemboard fire rated partition Ingleton all joints to be taped or similar systems have been tested in Wood approved accordance with BS 476: Part 22:1987) by Vivalda or similar 530 gauge Visqueen Vapour Barrier approved, installed as per layer or similar approved, installed manufacturers recommendation as per manufacturers **Billericay** recommendation Cambridge Facing brickwork, refer to elevations Colchester Plasterboard shown indicatively. for manufacturer & brick type London Refer to plasterboard notes for type-Norwich eW - 02 Regents Park Estate FLAT OUTSIDE 30 - VARIES, see flat Setting Out Plans for alternative buildup-London NW13EE 447 Drawing Title: 577 External Wall Details - Sheet 06 Typical Section of External Wall (Stretcher Bond) & Separating Floor between Flat to Flat

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 sub-Report any discrepancies to the Contract Administrator at once. This drawing is to be read with all relevant Architect's and Engineer's drawings DO NOT SCALE **GENERAL NOTES** This drawing should be read in conjunction with all relevant consultants drawings and specifications. Setting out dimensions and sizing of all RC elements should be taken from structural engineer's drawings and documentation. **EXTERNAL & INTERNAL WALL SYMBOLS** - xx - TYPE NUMBER Refer to Drawing No: 35.01 & 35.02 eW - EXTERNAL WALL - xx - TYPE NUMBER iW - xx Refer to Drawing No: 35.03 └ iW - INTERNAL WALL - xx - TYPE NUMBER Refer to Drawing No: 35.05 igspace ip - internal partition - xx - TYPE NUMBER

> B 22.04.16 Amended in line with comments by Lovell
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> > Construction



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Plot 2 - Rydal Water Open Space

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RWOS - IW - XX - ZZ - DR - A - 35.46