

WALLS:	INTERNAL WA	LLS:
EXISTING WALL RETAINED (Existing Solid Brickwork Retained)		DRYLINING TO NEW CONCRETE WALL (TO BE HAVE A THERMAL (U-Value 0.20) lined with 62.5mm Kingspan K18 thermal plasterboard 3mm Thistle Multi-Finish skim coat & paint finish.
DRYLINING TO EXISTING WALLS TO BE THERMALLY UPGRADED TO (U-Value 0.18W/m2K) lined with 112.5mm Kingspan K18 thermal plasterboard.		WALL LINING TO LIFT SHAFT ROOM SIDE FACE • "British Gypsum (BG) Independant Wall Lining Space away from external concrete face of lift shaft 30mm. - 50mm metal stud framing fixed to "Floating' floor at base and structural soffic incorporate deflection based detail
NEW EXTERNAL RAINSCREEN CLADDING WALLS (U-Value 0.18) Sto' Ventec Render System. • 3mm min. thickness (tbc) Sto render top coat Stolit (organic plaster) finished to Ral. colour code: 9010 (or closest match to glazed slip bricks) • 1mm mesh reinforcement • 2mm Sto Reinforcement Fibre Plaster Organic, ready-to-use bonding and reinforcing compound	- 68	Install Somm thick BG High performance wool slab within studding. Install Somm thick BG High performance wool slab within studding. Install 1 layer 15mm BG tapered edged Soundbloc board to room side face. Tape, Joint and fill. 3mm Thistle Multi-Finish skim coat & paint finish. All to British Gypsum Ltd specification. Overall thickness of system: notional 100mm British Gypsum or similar approved.
12mm StoVentec carrier render board consisting of recycled glass (expanded glass granulate) Sto supplied mechanical angle and vertical 'T' steel for fixing carrier board 38mm ventilation air gap Breather membrane to BS 4016 (fixed to insulation to manufacturer's recommendations 82mm thick non combustible Sto VHF Mineral Fibre thermal insulation board. Application type 'W' Non-combustible substrate – calcium silicate board or 18mm sheathing board, WBP treated external quality plywood board to Structural Engineer's detail spec. 100mm Isoover external wall glass mineral wool insulation to achieve a U Value 0.30W/m2K		COMPARTMENT BETWEEN FLATS WALL 300mm 3mm min. thickness skim and paint to RAL colour code: TBC by Client, 2 layers of 15mm SoundBloc board fixed to, Gypframe 70 AS 50 'C' studs at 600mm centres with Gypfram RB1 resilient Bar at 600 centres to one side 50mm min. 'Isowool APR 1200' insulation within stud width Gypframe 70 AS 50 'C' studs at 600mm centres with Gypfram RB1 resilient Bar at 600 centres to one side 2 layers of 15mm SoundBloc board fixed to, 3mm min. thickness skim and paint to RALcolour code: TBC by Client, 30 minute fire resistance, 57RwdE sound resistance. British Gypsum system Ref: A316013
104mm Metsec frame system @ 600mm c/c or similar approved to Structural Engineer's detail spec. Polythene vapour barrier 3mm Thistle Multi-Finish skim coat and paint applied over 2 no: 12.5mm each plasterboard. Inner board Gyproc soundblock plaster board or similar with all joints taped and overlapping between inner and outer board. NEW EXTERNAL RAINSCREEN CLADDING WALLS (U-Value 0.18) VM Zinc 'Standing Seam' Wall Tarceted U Value = 0.18W/m2K		COMPARTMENT TO FLATS COMMON PARTS LOBBY WALL 137mm 3mm min. thickness skim and paint to RAL colour code: TBC by Client, 2 layers of 12.5mm SoundBloc board fixed to, Gypframe 70 AS 50 °C' Studs at 600mm centres with Gypfram RB1 resilient Bar at 600 centres to one side (Flat Unit side) 50mm min. 'Isowool APR 1200' insulation within stud width 2 layers of 12.5mm SoundBloc board fixed to, 3mm min. thickness skim and paint to RAL colour code: TBC by Client
 26mm high VM Zinc Standing Seam profile external metal cladding panel vertically mounted finished anodised to VM Zinc Pigmento - (rouge/red) Zinc colour Breather membrane 18mm extrenal quality WBP plywood backing board 55mm ventilation air gap Nvelope '55' adjustable support bracket 50 x 38mm external treated hardwood batten Nvelope Ltd. NV6-01 'T' profile vertically mounted 50 x 38mm external All joints and bracket penetrations through insulation to be foil taped sealed using a min. 76mm wide self-adhesive aluminium rainscreen cladding tape. Kingspan Kooltherm® K15 Rainscreen Board Non-combustible substrate - calcium silicate board or 18mm sheathing board, WBP treated external quality plywood board to Structural Eng.'s detail spec. 100mm Isoover external wall glass mineral wool insulation to achieve a 'U' Value of 0.18W/m2K 104mm Metsec frame system @ 600mm c/c or similar approved to Structural Eng.'s detail spec. Polythene vapour barrier 3mm Thistle Multi-Finish skim coat and paint applied over 2 no: 12.5mm each plasterboard. Inner board Gyproc soundblock plaster board or similar with all joints taped and overlapping between inner and outer board. 	1 ¹⁰⁰	Somm minit. Interfess skill and paint to PAEcolour code. The by client, S0 minute fire resistance. British Gypsum system Ref: A316008 INTERNAL PARTITION TO FLATS - 1 layer of 15mm gypsum fireline WallBoard board fixed to either face of - Gypframe 70 5 50 °C studs at 600mm centres - All joints to be taped - 3mm min. thickness skim and paint to RAL colour code: TBC by Client, - 3600mm maximum partition height - 50mm 'Isowool APR 12000' insulation in cavity 30 minute fire resistance British Gypsum system ref: A206A141 INTERNAL COMPARTMENT PARTITION TO GROUND FLOOR - 140mm wide concrete dense block wall to Structural Engineer's detail spec. 30 minute min. fire resistance
EUROCLAD SLIP BRICK Wall Targeted U Value = 0.18 W/m2K 'Eurobrick' glazed Brick Slip Cladding System finish glued to 25mm insulation board. Mortar jointing colour to be advised and finished to a bucket handle profile rake finish EuroClad special adhesive glue all to EuroClad detail specifications 25mm dense insulation board to EuroClad detail specifications Breather membrane to BS 4016 (fixed to insulation to manufacturer's recommendations). Note: All joints and bracket penetrations through insulation to be foil taped sealed using a min. 76mm wide self-adhesive aluminium rainscreen cladding tape. Non-combustible substrate – calcium silicate board or 18mm sheathing board, WBP treated external quality plywood board to Structural Engineer's detail spec. 146mm Metsec frame system @ 600mm c/c or similar approved to Structural Engineer's detail spec. 150mm compressed Isoover external wall glass mineral wool insulation to achieve a U Value of 0.18W/m2K Polythene vapour barrier 1 x Layer of 52.5mm Kingspan Kooltherm K18 Insulated plasterboard. Contractor to ensure that all joints are tape sealed. 3mm Thistle Multi-Finish skim coat and paint applied to RAL colour code: TBC by Client		So minute mint. Ine resistance INTERNAL COMPARTMENT PARTITION TO GROUND FLOOR 140mm wide concrete dense block wall to Structural Engineer's detail spec. 12.5mm Gypsum Soundblock plasterboard on dabs (+/- 10mm) 30 minute min. frie resistance SOLID BLOCKWORK COMPARTMENT WALL COMMUNAL CORRIDOR (Ground Floor) 1 layer of 72.5mm Kingspan K17 insulated plasterboard or similar approved to provide a U Value of 0.20W/m2K on 25mm Gypliner Gypframe GL1 metal wall lining with, 25mm Gypliner Gypframe GL1 metal wall lining with, 140mm standard lightweight block by Structural Engineer's 14 lobard joints to be taped and skimmed in accordance with British Gypsum 30 minut, thickness skim and paint to RAL: 9010 80 minute fre resistance 43(min.) RwdB sound resistance



DRAWING TITLE **PROPOSED SECTION A - A** gpad architecture & interior design T: 020 7549 2133 F: 020 7549 2144 DATE MAR 2016 DWG BY BM REV. **P1** E: info@gpadltd.com W: www.gpadltd.com

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