

required from Lift Specialist and Contractor of any uprating works to achieve the fire requirement.

Wall Specifications (Compliant to Building Regulations Part B, E & L) Floor & Ceiling Specifications (Compliant to Building Regulations Part B, E & L) Ground Floor to Extensions (U Value 0 22W/m<sup>2</sup>K). Finished floor build up varies, refer to 5000 Series details for information. 65mm SR1 Screed on Vapour control Layer on 80mm Celotex GA3080 insulation (or similar or equal approved) on Visqueen High rformance DPM (or similar or equal approved) on 150mm Reinforced Concrete Slab (Side Extension and Garage) or 300mm Reinforced Concrete Slab (Rear Extension) to Structural Engineers details and specification. Void below to be ventilated. Refer to M&E Specification for underfloor heating requirements. External Wall (U Value 0.25W/m<sup>2</sup>K): 1No. Layer 12.5mm Gyproc Wallboard Plasterboard on 10mm dabs, Plasterboard to be taped and NOTE: All works to be in strict accordance with manufacturer's written recommendations. skimmed; 100mm Blockwork (Blockwork Thermal Conductivity of 0.15W/mK), min. 100mm Cavity with 100mm Earthwool DriTherm Cavity Slab 32 Ultimate (thermal conductivity of 0.032 W/mK), 102.5mm facing brickwork 'Old Victorian Pressed Medium Dark' by Furness to match existing. Block and Brick to be tied with Ancon Wall ties (or similar or equal approved) at maximum 750mm spacing horizontally and 450mm spacing vertically to Structural Engineer's design and specification. DPC required min. 150mm above external ground level. NOTE: All works to be in strict accordance with manufacturer's written Jpgrade to Existing First Floor: recommendations Carefully remove and safely retain existing floorboards and install Gypframe SIF Floor Channel and felt strip to top of existing joists to take 19mm Gyproc Plank. Install chicken wire over and between joists to take 100mm Isover Spacesaver Ready-Cut insulation. Refer to M&E Specification for underfloor heating equirements. For Suspended ceiling treatment see below. NOTE: All works to be in strict accordance with manufacturer's written recommendations Partition (2 Rows of Blockwork) 1No. Layer 12.5mm Gyproc Wallboard Plasterboard on 10mm dabs either side of 2No. rows of 100m blockwork as per Structural Engineer's specification with 100mm cavity between fully filled with 100mm Earthwool DriTherm Cavity Slab 32 Ultimate. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations Allow for 20mm Floor Finish zone on 17mm DECKfon MDF 17T composite acoustic overlay board on 22m T&G Chipboard Flooring screw fixed to 150x50mm Timber Joists at 300mm C/C's (TBC by Structural ngineer) with 100mm Isover APR 1200 acoustic insulation between and 1No. Layer of Gyproc Fireline asterboard and 1No. Layer of Gyproc SoundBloc Plasterboard. Joints to be staggered. Refer to M&E pecification for underfloor heating requirements. For Suspended ceiling treatment see below. NOTE: All works to be in strict accordance with manufacturer's written recommendations. Plasterboard to be taped Partition (Metal Studs) 2No. Layers 12.5mm Gyproc Wallboard Plasterboard fixed either side of Gypframe 48 S 50 'C' studs @ 600mm centres cross braced with Gypframe 99 FC 50 Fixing Channel @ 1200mm centres fixed to each stud with 2No. British Gypsum Wafer Head Drywall Screws with 50mm Isover APR 1200 acousti insulation. Allow for 1No. Layer Tile Backer Board to Wet Area side to take 12mm tile finish and 8mm adhesive bed. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations. ervice zone to suit M&E requirements provided by CasoLine MF ceiling system on acoustic hangers with 25mm Isover APR 1200 acoustic insulation laid over 1No. Layer 15mm Gyproc SoundBloc asterboard (to kitchen/side extension) or 1No. Layer 15mm Gyproc Moisture Resistant Plasterboard. NOTE: All works to be in strict accordance with manufacturer's written recommendations. Plasterboard to Partition between Room and Bathroom (Timber Studs): be taped and skimmed. 2No. Layers 12.5mm Gyproc Wallboard Plasterboard fixed to room side of either 1 or 2 rows of 89x44mr timber studs at 300mm C/C's (TBC by Structural Engineer) with 50mm Isover APR 1200 acoustic insulation between studs. 1No. Gyproc Moisture Resistant Board and 1No. Layer Tile Backer Board to bathroom side to take 12mm tile finish finish and 8mm adhesive bed (Note: 12mm ply patress to be used where required to replace moisture resistant board for fixing sanitaryware.) Walls adjacent to shower areas and underside of shower trays to have Bal waterproofing system applied. Plasterboard to be taped and skimmed. NOTE: Where wall forms partition within bathroom, wall make-up to be as per specification of bathroom side for both sides of stud. All works including fixing through tanking membrane to be in pgrading to existing Pitched and Flat Roof (U Value 0.18W/m<sup>2</sup>K) strict accordance with manufacturer's written recommendations All roof timbers to be inspected for suitability. Existing roof felt to be inspected for suitability and if equired to be replaced then existing tiles to be carefully removed and stored securely for reinstallation at a later date. Remove old battens and install a new BBA approved draped breather membrane over 70mm Celotex GA3070 rigid insulation between rafters (or similar or equal approved) with 50mm Celotex GA3050 rigid insulation below rafters (or similar or equal approved) with taped joints acting as a VPL. Wall lining within En-suites/Bathrooms 1No. Layer Gyproc Moisture Resistant Board. 1No. Layer Tile Backer Board to bathroom side to take Depth of rafters TBC. Install new 50mm tanalised battens and re-install original roof tiles. NOTE: All works 12mm tile finish and 8mm adhesive bed (Note: 12mm ply patress to be used where required to replace to be in strict accordance with manufacturer's written recommendations. Same insulation treatment to be given to the flat roof portion of the existing main roof. moisture resistant board for fixing sanitaryware.) Boards to be fixed to 89x44mm timber studs at 300mm C/C's (TBC by Structural Engineer). Walls adjacent to shower areas and underside of shower trays to have Bal waterproofing system applied. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations lew Dormer Cheeks and Roof (U Value 0.18W/m<sup>2</sup>K): Side hung roof tiles to match existing roof on 25mm tanalised battens on 25mm tanalised counter battens with Kingspan Nilvent breathable membrane on 9mm OSB sheathing board fixed to 100x50mm studs Independent Wall Lining - Type 1:

1No. Layer of 12.5mm Gyproc Wallboard Plasterboard on 12mm plywood fixed to 89x44mm timber studs TBC by SE) with 100mm Kingspan Kooltherm K107 Pitched Roof Board between timber studs with 42.5mm Kingspan Koolthem K118 Insulated Plasterboard with taped joints acting as a VPL. NOTE: All at 300mm C/C's (TBC by Structural Engineer). Plasterboard to be taped and skimmed. NOTE: All works works to be in strict accordance with manufacturer's written recommendations. Same insulation treatment to be in strict accordance with manufacturer's written recommendations to be given to the dormer roof. Side Extension Flat Roof  $0.7^{\circ}$  fall (U-value =  $0.18W/m^{2}K$ ): Independent Wall Lining - Type 2: Prodek EPDM Rubber Roof covering (with 25 year guarantee) lapped minimum 150mm into Parapets/upstands on 25mm Kingspan Thermaroof TR27 LPC/FM on Kingspan Optim-R Roofing 1No. Layer of 12.5mm Gyproc Wallboard Plasterboard on 12mm plywood fixed to 50x25mm timber battens at 300mm C/C's. No fixing into brickwork permitted. Plasterboard to be taped and skimmed. stem with Protection Layer on Vapour Control Layer on 18mm WBP Plywood with staggered joints NOTE: All works to be in strict accordance with manufacturer's written recommendations. crewed and glued to 150x100mm timber joists @ 300mm C/C's as per Structural Engineer's specification with 1No. Layer 15mm Gyproc Wallboard Plasterboard to Dressing Room or 1No. Layer 15mm Gyproc Moisture Resistant Plasterboard to Master Bathroom. Plasterboard to be taped and kimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations Garage (U-value =  $0.18W/m^2K$ ): Prodek EPDM Rubber Roof covering (with 25 year guarantee) lapped minimum 150mm into Parapets/upstands on 120mm Celotex Crown-Bond on Vapour Control Layer on 18mm WBP Plywood with staggered joints screwed and glued to 150x100mm timber joists @ 300mm C/C's as per Structural Engineer's specification with 1No. Layer 15mm Gyproc Wallboard Plasterboard. Plasterboard to be aped and skimmed. NOTE: All works to be in strict accordance with manufacturer's writter General Note: Plasterboard to be substituted with moisture resistant plasterboard in wet areas.

Rev: Comments: By: Date:

Minor Material Amendments RM 30-03-2019 Revision to suit Camden comments RM 10-07-2019 Minor Material Amendments

MStL 27-03-2020

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