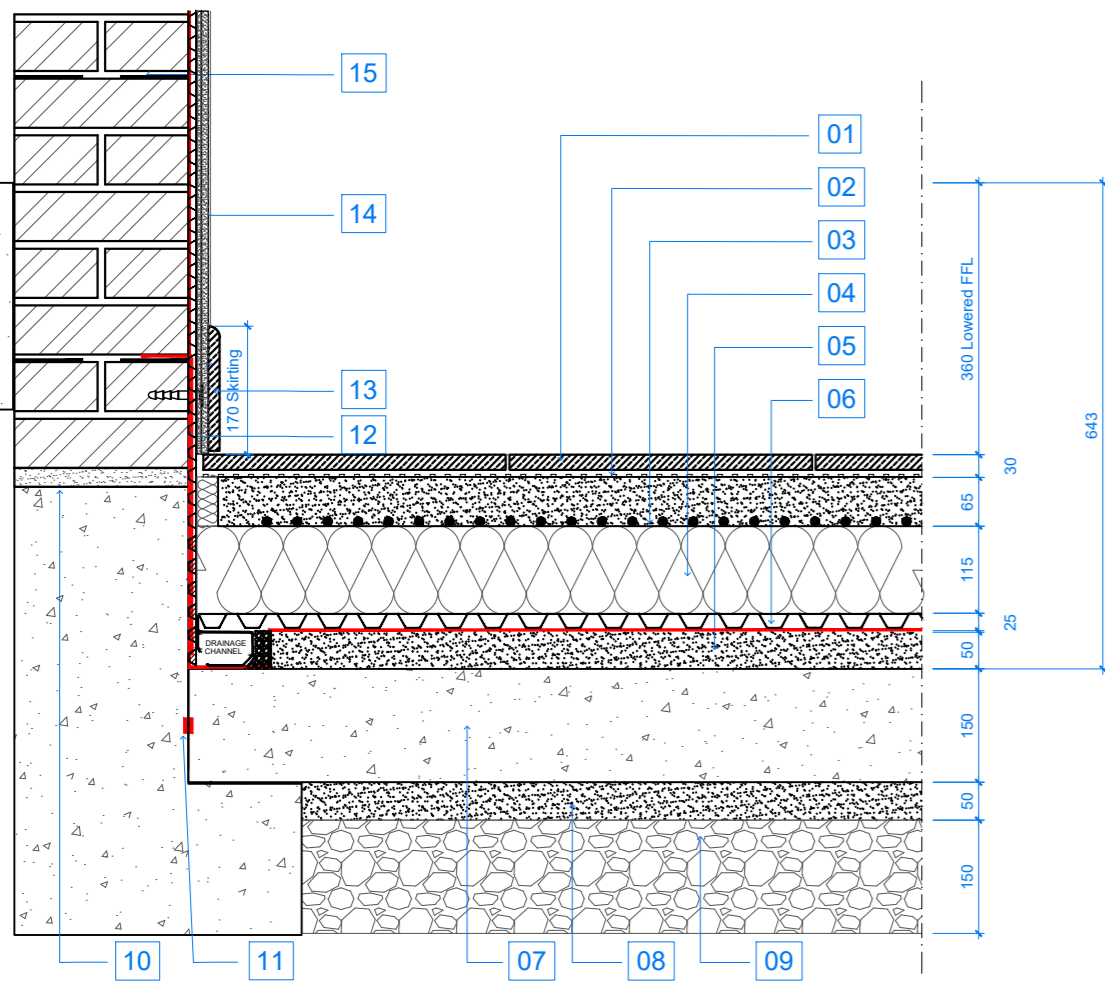
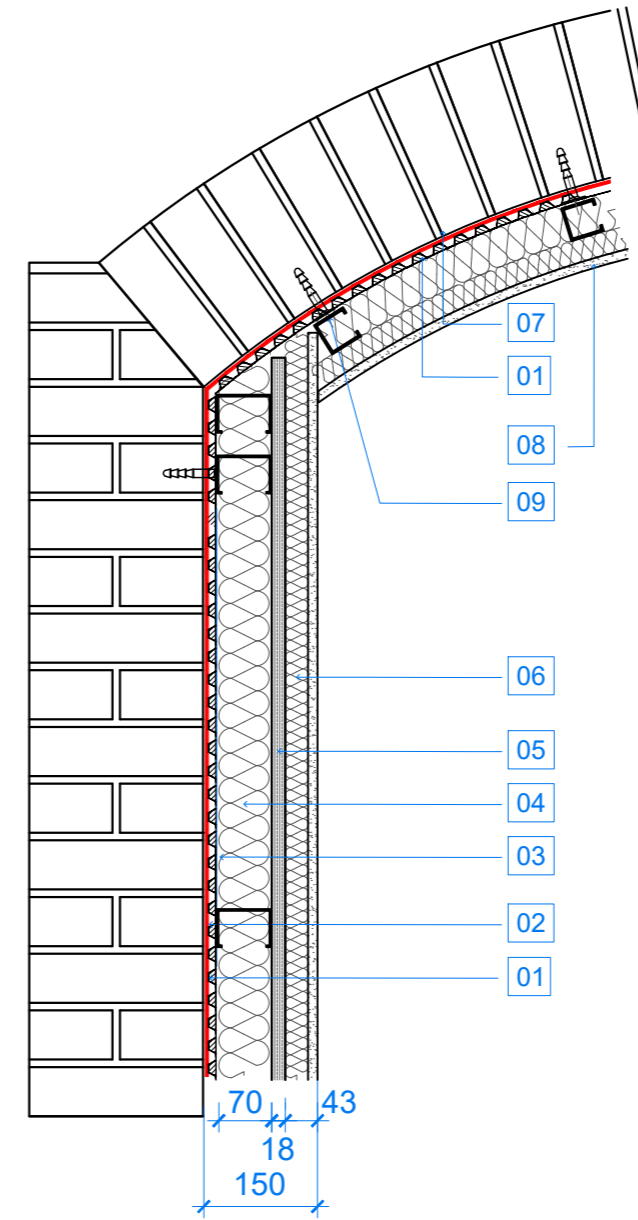


## LOWER GROUND FLOOR



- 01 Stone/ Stoneware Tiles on Adhesive bedding.
- 02 Decoupling Membrane: 'DITRA 25' mat.
- 03 65mm Screed with wet UFH heating system.
- 04 115mm Insulation board
- 05 50mm Sacrificial screed notched at perimeter for Delta Drainage channel.
- 06 25mm Delta MS 20 over Koster Polysil TG 500 Anti-Lime coating applied directly to slab & up face of underpin.
- 07 150mm RC Concrete Floor slab to structural Engineer's Design & specification.
- 08 50mm Sand Blinding
- 09 150mm Compacted Hardcore
- 10 25mm min Dry-packing to base of Existing External walls
- 11 Concrete Under-pin foundation to Structural Engineer's details & specification. With Koster Quellband seal to ground bearing slab
- 12 min 300mm of Koster NB1 + SB Bonding over junction between Existing Wall & Underpins.
- 13 Stone / Marble Skirting.
- 14 Existing Masonry wall finishes to be removed and replaced with Delta PT System, up to ceiling level, with 6mm first coat render and 9mm second coat render and final skim finishing coat.
- 15 Injected DPC (to be designed by Specialist sub contractor)

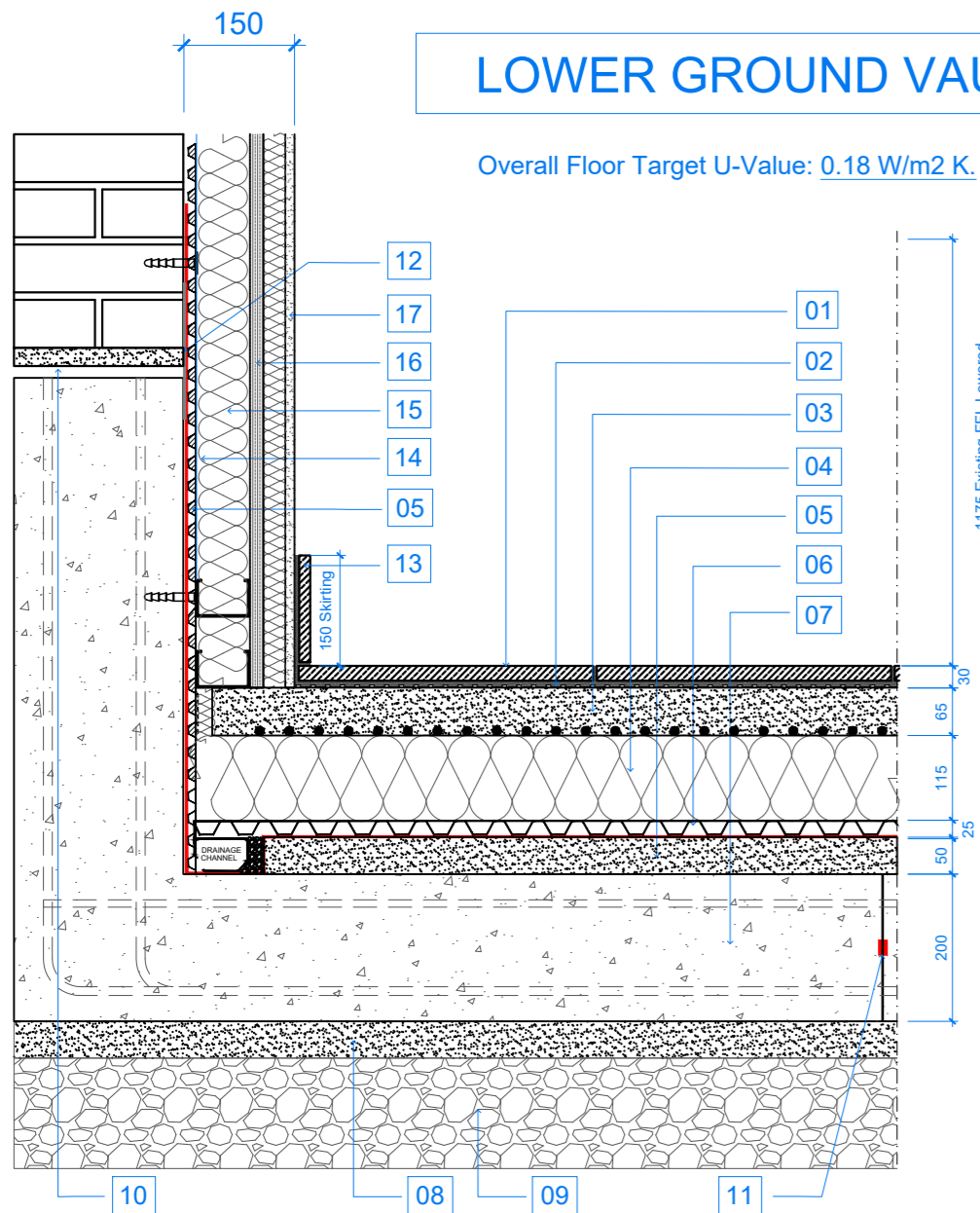
## LOWER GROUND VAULT SOFFIT



- 01 Delta MS 500 membrane system to be installed to entire vault perimeter & soffit. All Existing Finishes to be removed.
- 02 Koster Polysil TG 500 Anti-Lime coating applied directly to slab & to perimeter (including soffit) of existing vault.
- 03 10mm gap between Delta system tanking & 72mm Gypframe Studs. Studs to be fixed back to external wall at half height.
- 04 60mm Kingspan Kooltherm K5 Board between 72mm Gypframe Studs. Overall Wall build-up to achieve a target U-value of: 0.22 W/m2 K.
- 05 18mm WBP Plywood pattress lining layer.
- 06 32.5mm Kingspan K118 insulated Plasterboard (20mm + 12.5mm plasterboard) with 2.5mm plaster skim finish.
- 07 Existing Vault Soffit to have all render & finishes removed.
- 08 New Metal Frame board suspended ceiling system with 32.5mm Kingspan K118 Insulated Plasterboard.
- 09 Hanger fixings to coincide with Delta system plugs. 50mm of Insulation board between to achieve a target U-value of: 0.18 W/m2 K. To approved Document L1B.

## LOWER GROUND VAULT

Overall Floor Target U-Value: 0.18 W/m2 K.

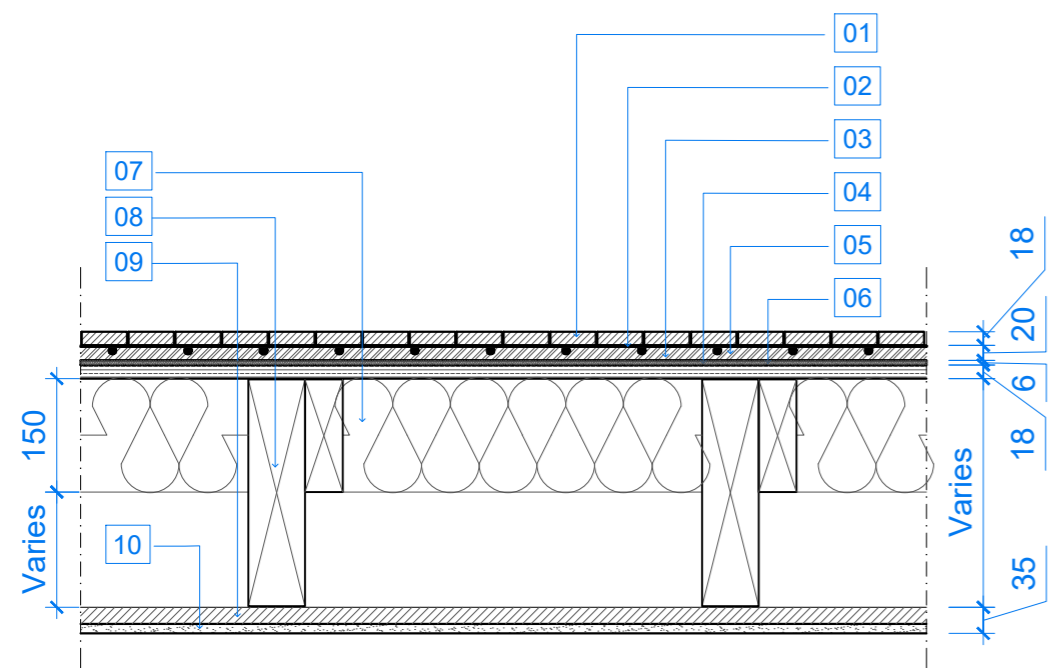


- 01 Stone/ Stoneware Tiles on Adhesive bedding.
- 02 Decoupling Membrane: 'DITRA 25' mat.
- 03 65mm floating Screed with wet UFH heating system.
- 04 115mm Insulation Board
- 05 50mm Sacrificial Screed to be notched at perimeter for Delta system Drainage Channel
- 06 25mm Delta MS 20 over Koster Polysil TG 500 Anti-Lime coating applied directly to slab & up face of underpin.
- 07 200mm RC Concrete Floor slab with A393 Mesh to structural Engineer's Design & specification.
- 08 50mm Sand Blinding
- 09 150mm Compacted Hardcore
- 10 25mm min Dry-packing to base of Existing External walls Refer to Structural Engineer's drawings for details & Specification.
- 11 Concrete Under-pin foundation to Structural Engineer's details & specification. With Koster Quellband seal to ground bearing slab
- 12 min 300mm of Koster NB1 + SB Bonding over junction between Existing Wall & Underpins.
- 13 Stone / Marble Skirting.
- 14 10mm gap between Delta system tanking & 72mm Gypframe Studs. Studs to be fixed back to external wall at half height.
- 15 80mm Kingspan Kooltherm K5 Board to acheive min 0.22 W/m2 K
- 16 18mm WBP Plywood pattress lining layer.
- 17 32.5mm Kingspan K118 insulated Plasterboard (20mm + 12.5mm plasterboard) with 2.5mm plaster skim finish.

## FLOOR BUILD-UP DETAILS

Scale 1:10

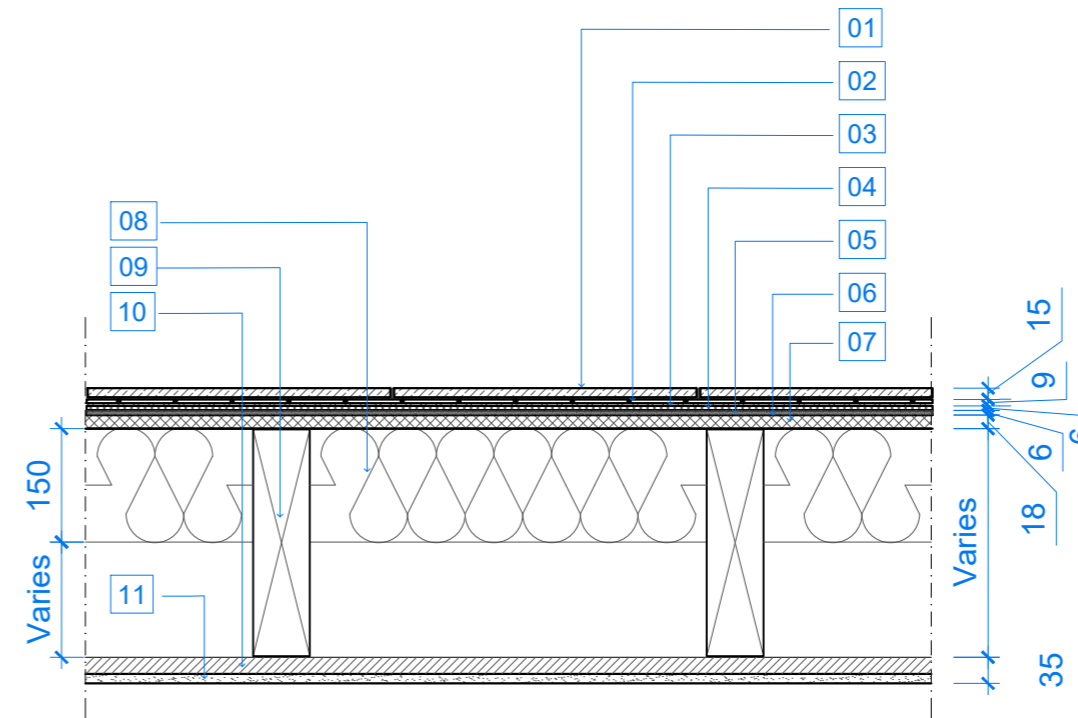
UPPER FLOORS



Existing Floor Boards Option

- 01 18mm Engineered Hardwood Parquet flooring bonded to floor leveller.
- 02 Fast-Drying VarioComp filling compound (total thickness including UFH panels 20mm).
- 03 Variotherm VarioComp 18mm gypsum fibreboard panel with pre-cut grooves over a PE construction foil, with Vario Profile pipe 11.6 x 1.5 Laser within the grooves.
- 04 Loose laid 6mm Regupol 3912 acoustic underlay roll
- 05 Existing carpet/ floor finish to be carefully removed.
- 06 Existing floor boards (circa. 18mm) to be retained where original and in good condition. To be lifted carefully and stored for reuse following Joist leveling.
- 07 150mm thick CMS-Danskin quiet-slab insulation (60 Kg/m) to be installed between existing floor joists.
- 08 Existing Floor joists to be exposed carefully & leveled. Reinforcement as required to structural Engineer's guidance.
- 09 Existing timber laths to be retained
- 10 Existing lath & plaster ceiling to be retained & additional finishing skim to the underside as required.

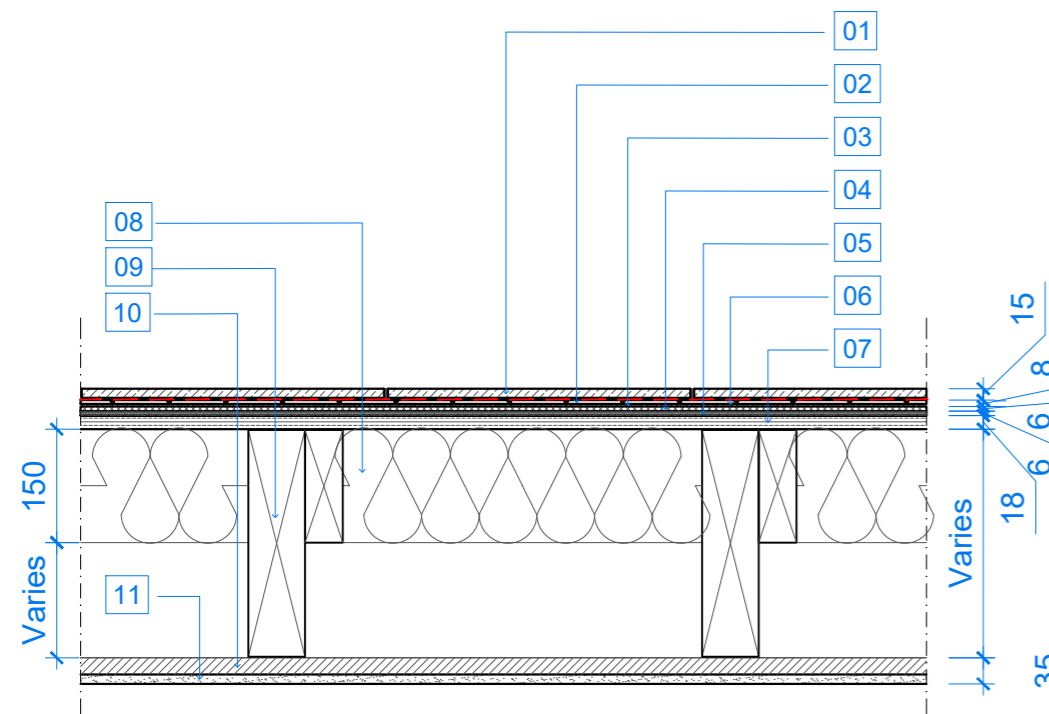
UPPER FLOORS



Replacement Floor Boards Option

- 01 15mm overall build-up of stoneware Tiles on flexible adhesive with fibre-glass reinforcement.
- 02 5mm Sun stone electric under floor heating mat 150 W/sqm with included floor sensor at least 150 mm into the heated area. Completely cover the heating mats with a smooth layer of flexible adhesive or latex self-levelling compound and allow to dry
- 03 Schlüter®-DITRA 25 Underlay layer.
- 04 6mm Hardiebacker Board bonded to structural substrate.
- 05 Loose laid 6mm Regupol 3912 acoustic underlay roll
- 06 Existing carpet/ floor finish to be carefully removed.
- 07 Existing Floor boards replaced with: 18 mm thick tongue & groove bonded Euroform Versapanel boards
- 08 150mm thick CMS-Danskin quiet-slab insulation (60 Kg/m) to be installed between existing floor joists.
- 09 Existing Floor joists to be exposed carefully & leveled. Reinforcement as required to structural Engineer's guidance.
- 10 Existing timber laths to be retained
- 11 Existing lath & plaster ceiling to be retained & additional finishing skim to the underside as required.

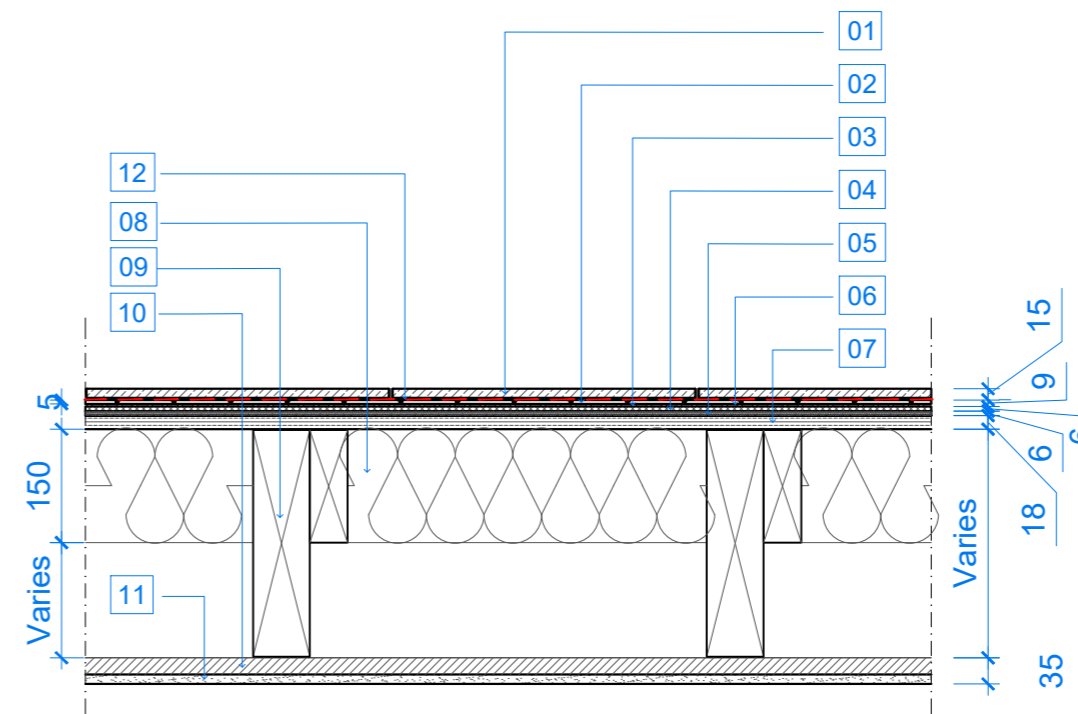
UPPER FLOORS



Existing Floor Boards Bathroom

- 01 15mm overall Tile on min 3mm flexible tile adhesive
- 02 5mm Sun stone electric under floor heating mat 150 W/sqm with included floor sensor at least 150 mm into the heated area. Completely cover the heating mats with a smooth layer of flexible adhesive or latex self-levelling compound and allow to dry
- 03 Schlüter®-DITRA 25 Underlay layer.
- 04 6mm Hardiebacker Board bonded to structural substrate.
- 05 Loose laid 6mm Regupol 3912 acoustic underlay roll
- 06 Existing carpet/ floor finish to be carefully removed.
- 07 Existing floor boards (circa. 18mm) to be retained where original and in good condition. To be lifted carefully and stored for reuse following Joist leveling.
- 08 150mm thick CMS-Danskin quiet-slab insulation (60 Kg/m) to be installed between existing floor joists.
- 09 Existing Floor joists to be exposed carefully & leveled. Reinforcement as required to structural Engineer's guidance.
- 10 Existing timber laths to be retained
- 11 Existing lath & plaster ceiling to be retained & additional finishing skim to the underside as required.

UPPER FLOORS



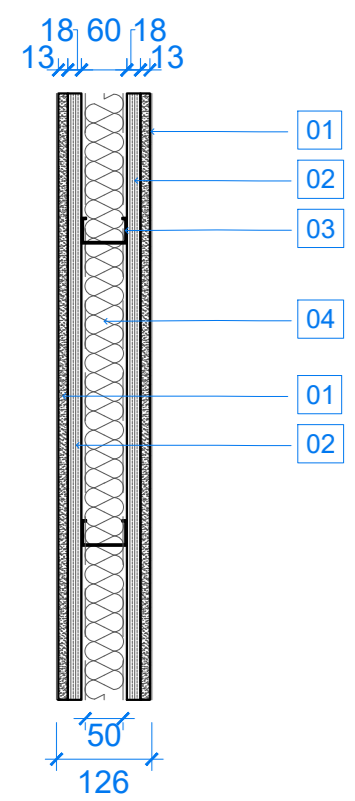
Existing Floor Boards Bathroom

- 01 15mm overall Tile on min 3mm flexible tile adhesive
- 02 5mm Sun stone electric under floor heating mat 150 W/sqm with included floor sensor at least 150 mm into the heated area. Completely cover the heating mats with a smooth layer of flexible adhesive or latex self-levelling compound and allow to dry
- 03 Schlüter®-DITRA 25 Underlay layer.
- 04 6mm Hardiebacker Board bonded to structural substrate.
- 05 Loose laid 6mm Regupol 3912 acoustic underlay roll
- 06 Existing carpet/ floor finish to be carefully removed.
- 07 Existing floor boards (circa. 18mm) to be retained where original and in good condition. To be lifted carefully and stored for reuse following Joist leveling.
- 08 150mm thick CMS-Danskin quiet-slab insulation (60 Kg/m) to be installed between existing floor joists.
- 09 Existing Floor joists to be exposed carefully & leveled. Reinforcement as required to structural Engineer's guidance.
- 10 Existing timber laths to be retained
- 11 Existing lath & plaster ceiling to be retained & additional finishing skim to the underside as required.
- 12 Fibreglass Tanking to be used below showers

FLOOR BUILD-UP DETAILS

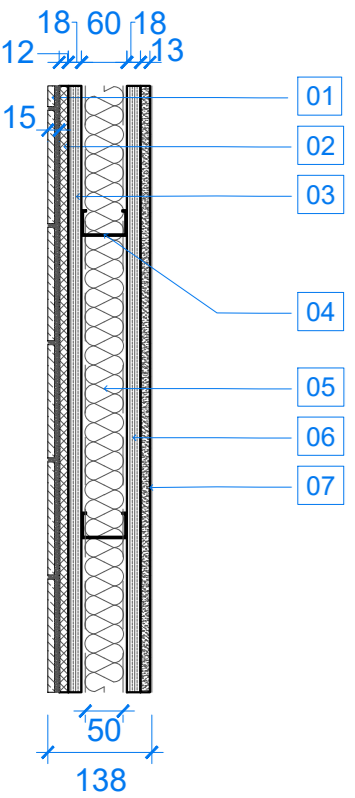
Scale 1:10





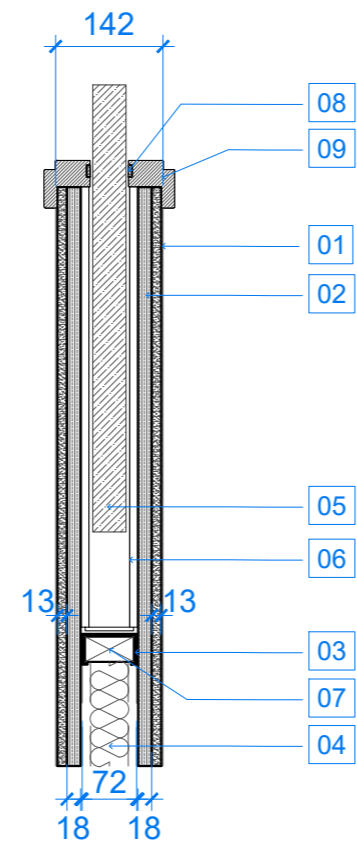
New Walls Generally: 30 min FR / 45 Rw dB

- 01 12.5mm Soundbloc High density acoustic plasterboard with 2.5mm Plaster skim.
- 02 18mm WBP Plywood pattress lining layer.
- 03 60 S 50 Gypframe C Studs @ 600mm Ctrs.
- 04 50mm APR 1200 Isover Acoustic insulating between studs.



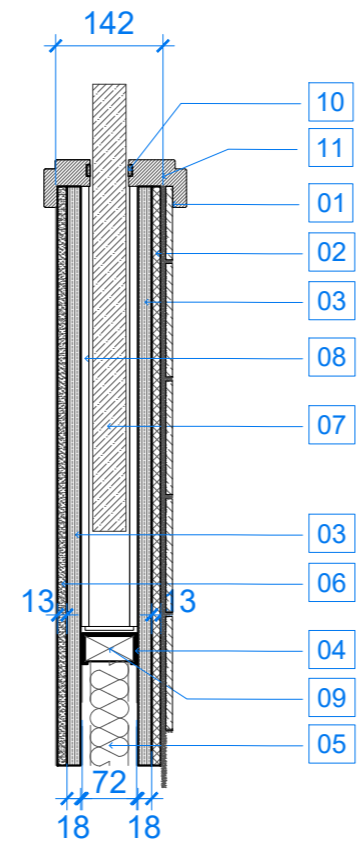
New Bathroom Walls with Tile: 30 min FR / 45 Rw dB

- 01 15mm overall Tile / stoneware on Flexible adhesive. Finish TBC.
- 02 12mm Hardiebacker cement tilebacker board.
- 03 18mm WBP Plywood pattress lining layer.
- 04 60 S 50 Gypframe C Studs @ 600mm Ctrs.
- 05 50mm APR 1200 Isover Acoustic insulating between studs.
- 06 18mm WBP Plywood pattress lining layer.
- 07 12.5mm Soundbloc High density acoustic plasterboard with 2.5mm Plaster skim.



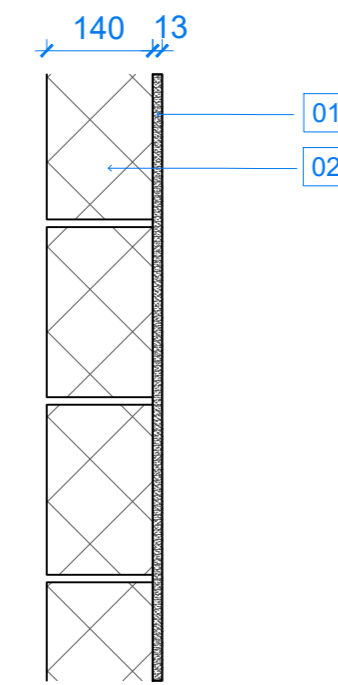
New Walls Generally Pocket Door:

- 01 12.5mm Soundbloc High density acoustic plasterboard with 2.5mm Plaster skim.
- 02 18mm WBP Plywood pattress lining layer.
- 03 70 S 50 Gypframe C Studs @ 600mm Ctrs.
- 04 50mm APR 1200 Isover Acoustic insulating between studs.
- 05 Pocket sliding door refer to schedule for details. to be Eclipse pocket sliding door system or equal and approved.
- 06 Eclipse pocket door frame to receive 18mm Plywood & 12.5mm Soundbloc.
- 07 Timber stud reinforcement at stopping point of pocket sliding door.
- 08 Intumescent smoke seals between Architraves where required.
- 09 HW Door Architraves as part of Pocket door system



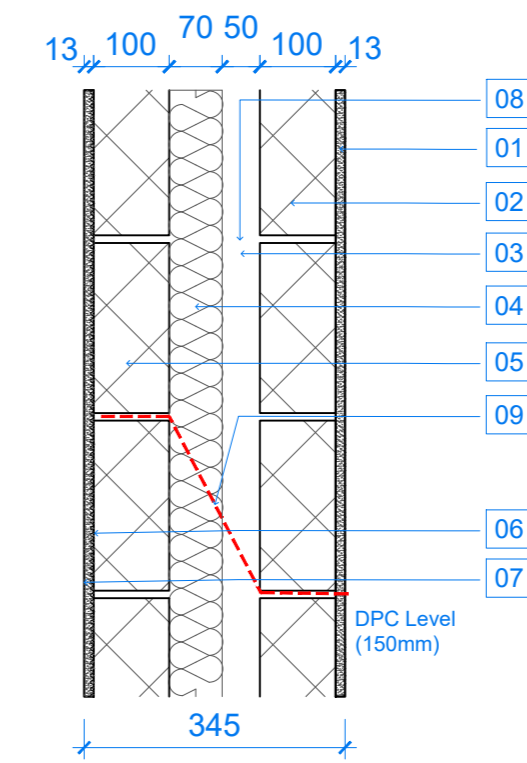
Bathroom Tiled Wall Pocket Door:

- 01 15mm overall Tile / stoneware on Flexible adhesive. Finish TBC.
- 02 12mm Hardiebacker cement tilebacker board.
- 03 18mm WBP Plywood Pattress Lining.
- 04 70 S 50 Gypframe C Studs @ 600mm Ctrs.
- 05 50mm APR 1200 Isover Acoustic insulating between studs.
- 06 12.5mm Soundbloc High density acoustic plasterboard with 2.5mm Plaster skim.
- 07 Pocket sliding door refer to schedule for details. to be Eclipse pocket sliding door system or equal and approved.
- 08 Eclipse pocket door frame to receive 18mm Plywood & 12.5mm Soundbloc.
- 09 Timber stud reinforcement at stopping point of pocket sliding door.
- 10 Intumescent smoke seals between Architraves where required.
- 11 HW Door Architraves as part of Pocket door system



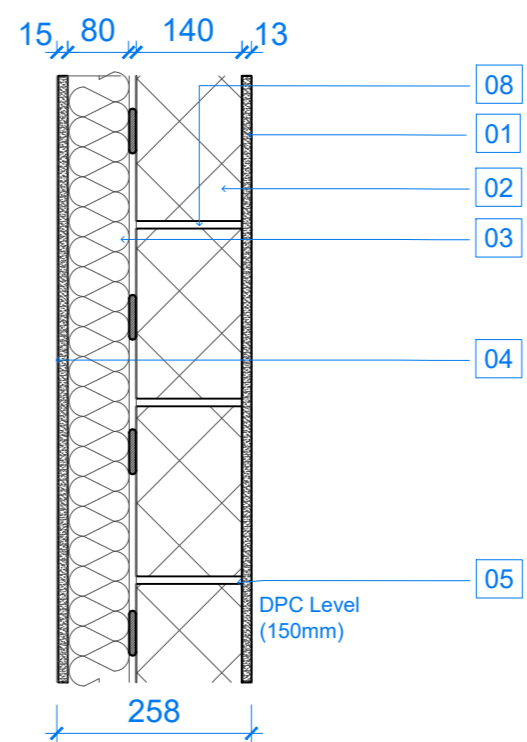
Lift Shaft Walls Generally: 60 min FR

- 01 10mm render with 3mm Plaster skim over to receive paint/ wall paper.
- 02 140mm 7N/mm<sup>2</sup> density blockwork to Lift Shaft wall. Structural Engineer to advise of any intermediate support requirements or joint reinforcement.



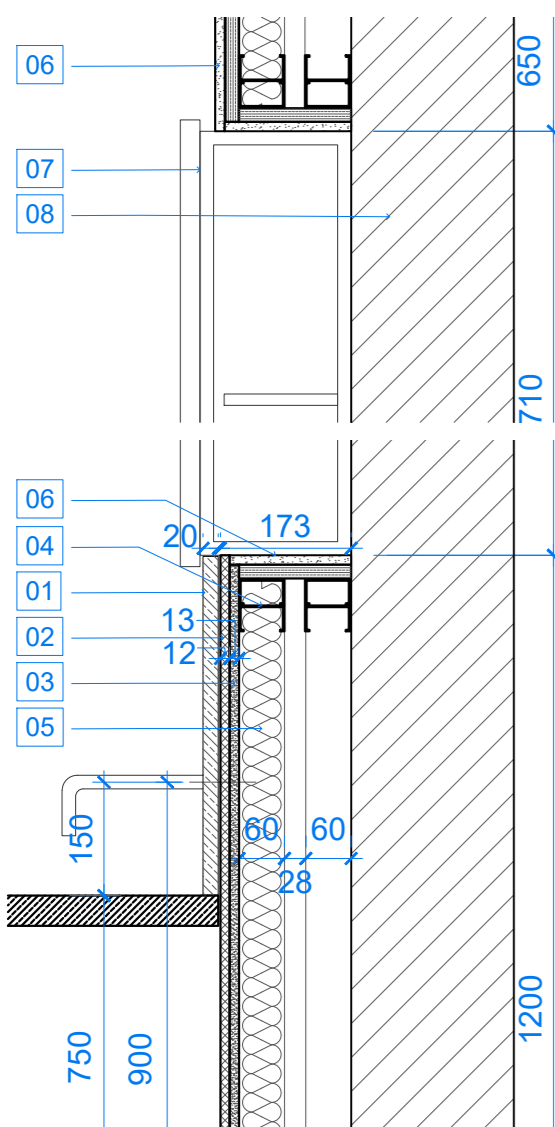
Lower Ground Floor New External Walls

- 01 13mm External Render painted to suit.
- 02 100mm external leaf blockwork. Structural engineer to advise on any specific density requirements.
- 03 50mm continuous external cavity
- 04 70mm Kingspan K108 cavity board insulation to achieve 0.19 W/m<sup>2</sup>K U-value.
- 05 Inner leaf of 100mm Blockwork.
- 06 Delta MS500 Membrane Dressed up inner face of new Blockwork walls.
- 07 10mm render with 3mm plaster skim over to be painted
- 08 Horizontal Wall ties at 900mm centres vertically. Specification TBC.
- 09 DPC formed cavity tray with external weep holes.



Lower Ground Lobby (New External Walls)

- 01 13mm External Render painted to suit.
- 02 140mm external leaf blockwork
- 03 92.5 insulated plasterboard on adhesive dabs
- 04 3mm skim to plasterboard
- 05 DPC



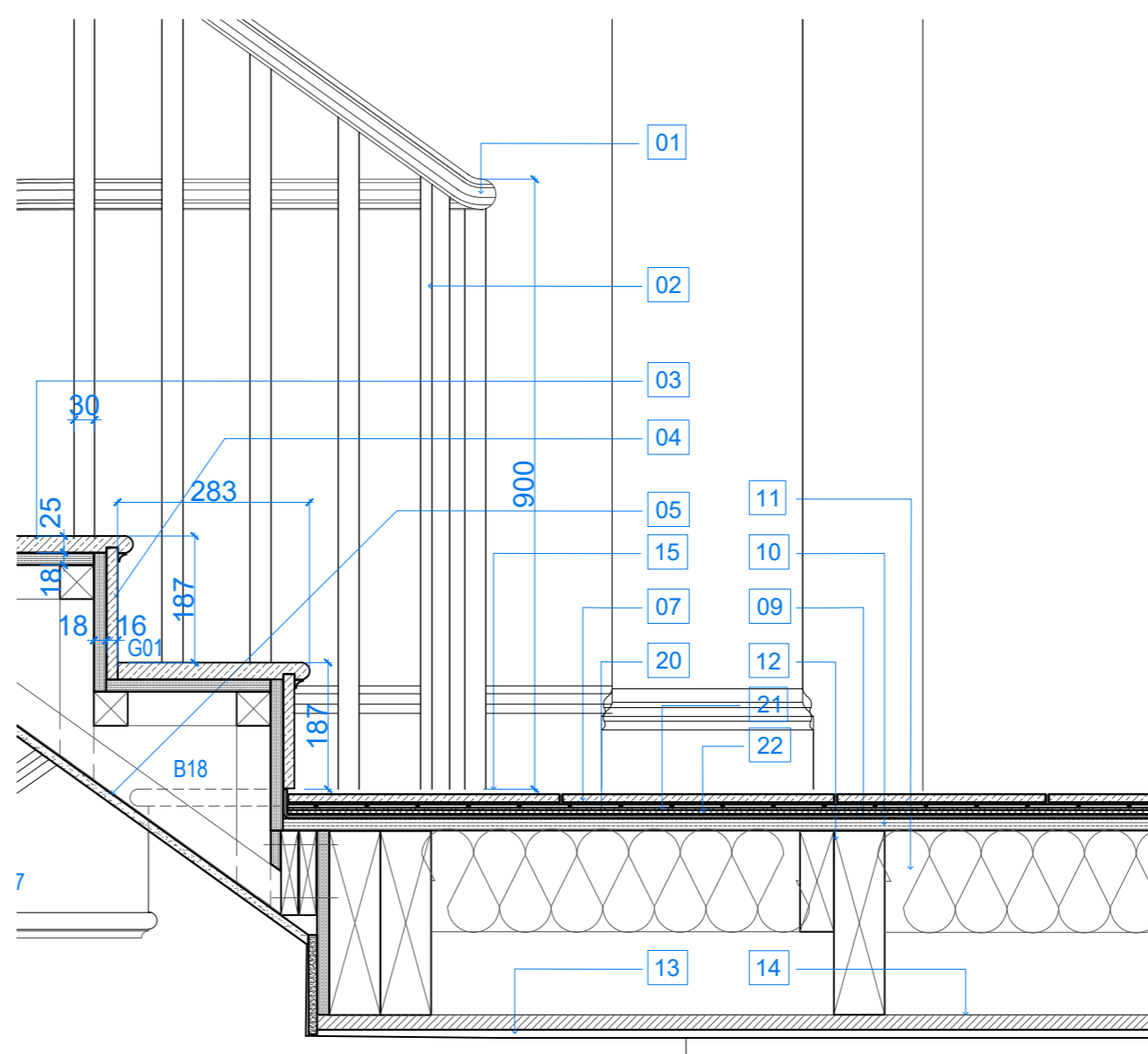
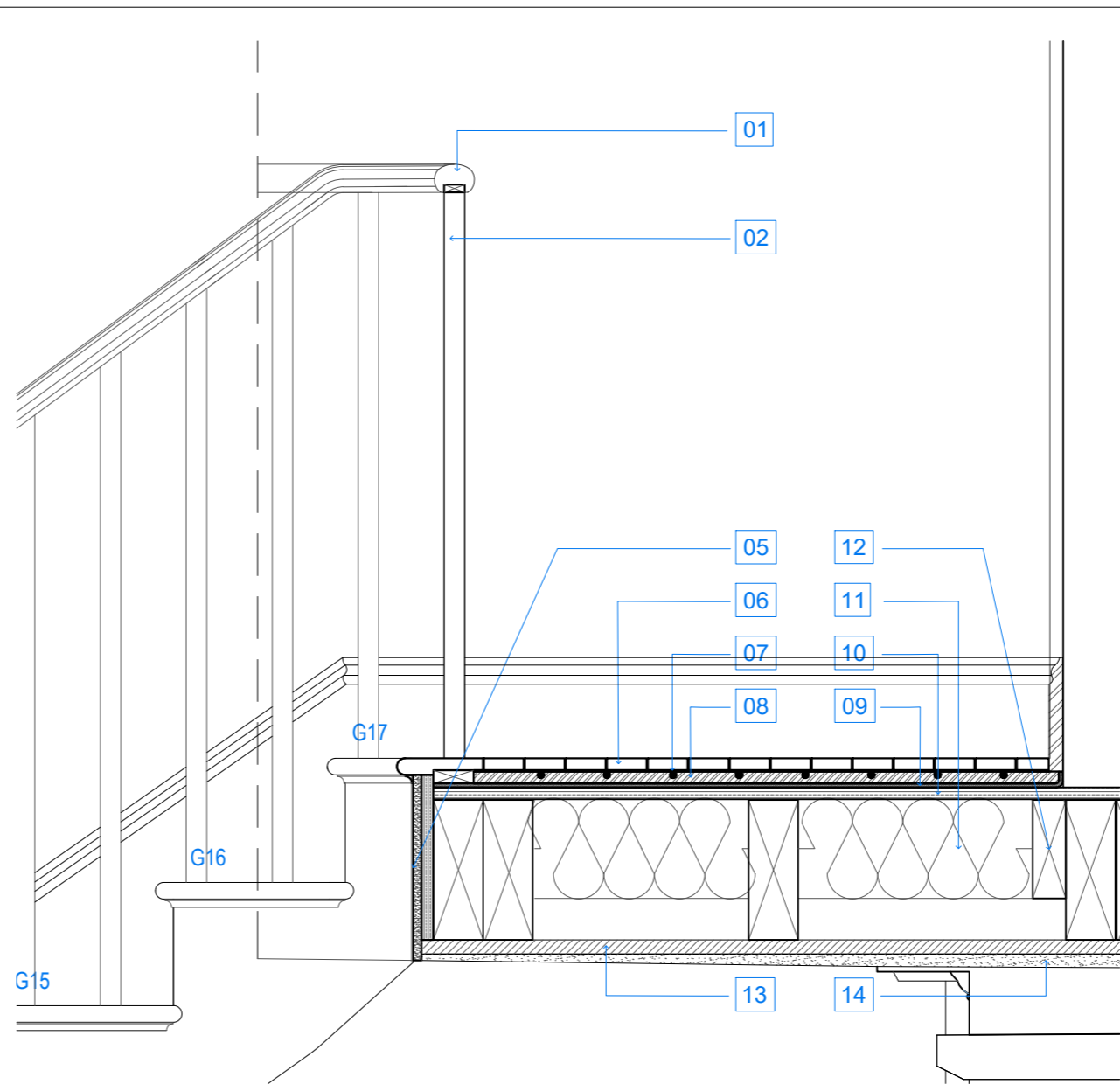
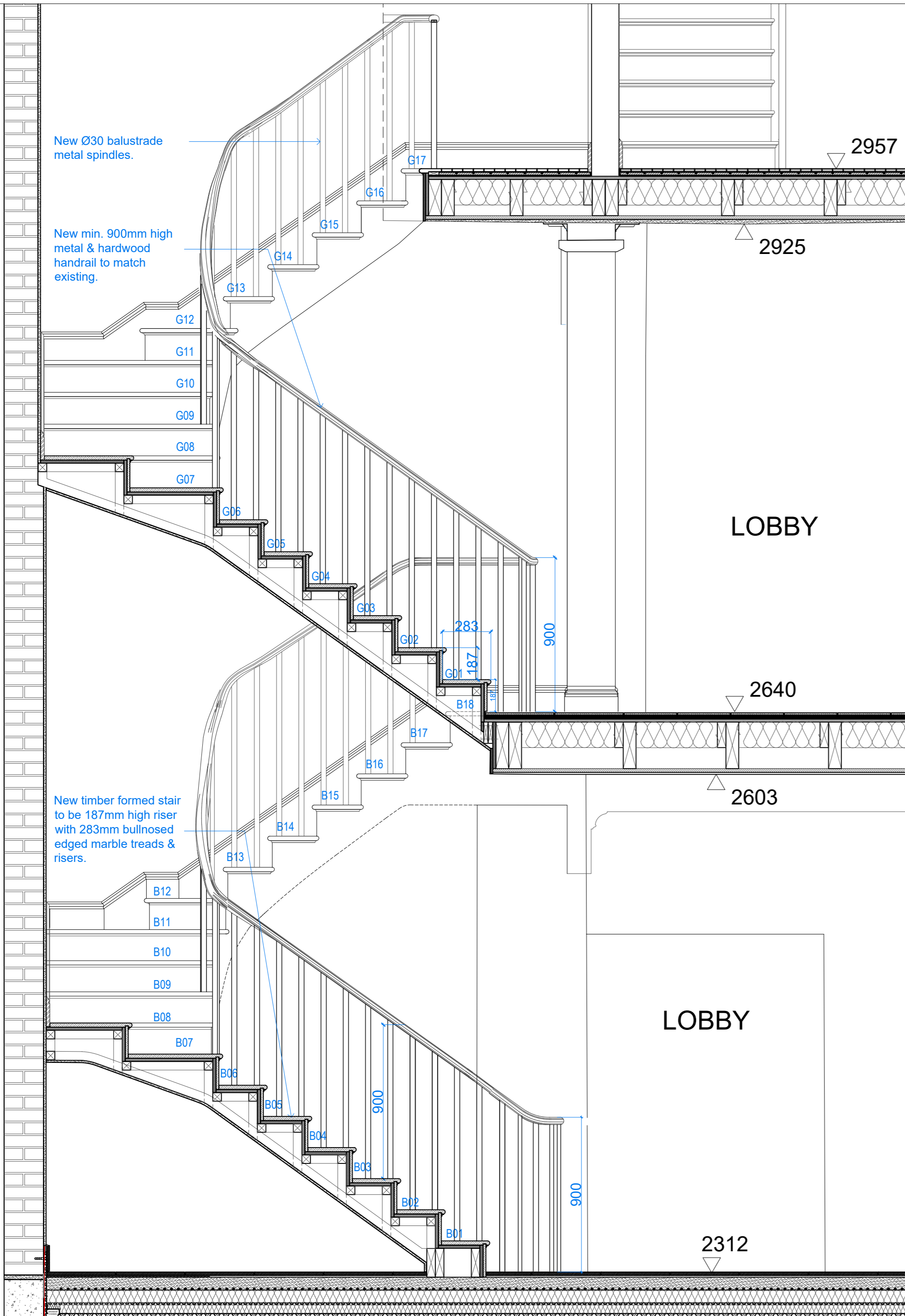
New Bathroom Niche wall & Splash-back

- 01 20mm Thick Marble / Stone Splashback on Flexible adhesive. Finish TBC.
- 02 12mm Hardiebacker cement tilebacker board.
- 03 12.5mm Moisture resistant dense plasterboard.
- 04 60 S 50 Gypframe C Studs @ 600mm Ctrs.
- 05 50mm APR 1200 Isover Acoustic insulating between studs.
- 06 12.5mm Moisture resistant Plasterboard on 18mm WBP Plywood pattress lining layer.
- 07 Bespoke timber mirrored cabinet to be built into newly formed niche.
- 08 Existing Wall Line.

WALL BUILD-UP DETAILS

Scale 1:10





STAIR BUILD-UP DETAILS

Scale 1:10

STAIR OVERALL GA SECTION

Scale 1:20

STAIR BUILD - UP GENERALLY

- 01 Handrail to be hardwood to match existing.
- 02 Balustrade guarding to be Round Ø30 spindle with brass finish with a maximum gap of less than 100mm between. Alternatively 30 x 30mm square slimline timber spindles. Subject to listed building consent, specialist appointed by contractor to provide detailed stairs design, contractor to discharge the condition with the Council
- 03 New marble Treads to be 25mm with Bullnose. Stairs structure, fixing method and build-up to be suitable and defined by specialist. Alternatively wooden treads. Subject to listed building consent
- 04 New marble risers to be 20mm. Stairs structure, fixing method and build-up to be suitable and defined by specialist. Alternatively wooden risers. Subject to listed building consent
- 05 Underside of newly formed stair to have 2.5mm plaster skim coat over 12.5mm dense Sounblock boarding.
- 06 Marble flooring bonded to decoupling membrane above floor leveller
- 07 Fast-Drying VarioComp filling compound (total thickness including UFH panels 20mm).
- 08 Variotherm VarioComp 18mm gypsum fibreboard panel with pre-cut grooves over a PE construction foil, with Vario Profile pipe 11.6 x 1.5 Laser within the grooves.
- 09 Loose laid 6mm Regupol 3912 acoustic underlay roll
- 10 Existing floor boards (circa. 18mm) to be retained where original and in good condition. To be lifted carefully and stored for reuse following Joist leveling.
- 11 150mm thick CMS-Danskin quiet-slab insulation (60 Kg/m) to be installed between existing floor joists.
- 12 Existing Floor joists to be exposed carefully & leveled. Reinforcement as required to structural Engineer's guidance.
- 13 Existing timber laths to be retained
- 14 Existing lath & plaster ceiling to be retained & additional finishing skim with fiberglass mesh to the underside as required.
- 15 Stone/ Stoneware Tiles on Adhesive bedding.
- 16 Strings: 32mm Plywood painted
- 17 Bullnose timber trim to edge of plasterboard soffit.
- 18 Timber skirting to all Treads to match existing profile.
- 19 Scotia trim beading to surround for stair tread.
- 20 5mm Sun stone electric under floor heating mat 150 W/sqm with included floor sensor at least 150 mm into the heated area. Completely cover the heating mats with a smooth layer of flexible adhesive or latex self-levelling compound and allow to dry
- 21 Schlüter®-DITRA 25 Underlay layer.
- 22 6mm Hardiebacker Board bonded to structural substrate.

