

Skylights:  
Refer to Kysen 6100 Drawing Series for details.

Suspended ceiling:  
Existing Lathe and Plaster ceiling to be kept in-situ. Service 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 Plasterboard (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 be taped and skimmed.

Independent Wall Lining - Type 1:  
Existing Lathe and Plaster finish to be kept in-situ. 1No. Layer of 12.5mm Gyproc Wallboard Plasterboard on 12mm plywood fixed to 89x44mm timber studs at 300mm C/Cs (TBC by Structural Engineer). Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

Partition between Rooms (Timber Studs):  
2No. Layers 12.5mm Gyproc Wallboard Plasterboard fixed to room side of 2No. rows of 89x44mm timber studs at 300mm C/Cs (TBC by Structural Engineer) with 2No. layers of 50mm Isover APR 1200 acoustic insulation between studs. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

Upgrade to Existing First Floor:  
Carefully remove and safely retain existing floorboards and install Gyframe 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 requirements. For Suspended ceiling treatment see below. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

Partition (Blockwork):  
2No. Layers 12.5mm Gyproc Wallboard Plasterboard on 10mm dabs either side of 100mm blockwork as per Structural Engineer's specification. D12 shadow gap propriety channel by Qic Trims Ltd (or similar approved or equal approved) to be used throughout. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

Dry lining to Basement External Wall (U Value 0.28W/m<sup>2</sup>K):  
Delta MS500 wall tanking membrane or similar or equal approved with 60mm Celotex GA3060 insulation with 30mm air gap in front with independent 100mm blockwork. Blockwork density and head restraint/windpost requirements to Structural Engineer's detailed design and specification. Finishes vary. Allow for 30mm tile zone to Swimming Pool, Wet Room, Jet Shower, Sauna, WC and Shower/Steam Room. Allow for 2No. Layers 12.5mm Gyproc Wallboard Plasterboard on 10mm dabs with D12 shadow gap propriety channel by Qic Trims Ltd (or similar approved or equal approved) to Changing Room, Poolside Gallery, Treatment Room, Gym/Media Room and Stair Area. Allow for 15mm Render parge coat to walls within rooms housing Plant equipment. Plasterboard to be taped and skimmed. Waterproof/drainage details TBC by Specialist Subcontractor. 30 years warranty certificate to be provided upon completion. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

Basement floor to concrete slab (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 60mm Celotex GA3060 insulation (or similar or equal approved) on 20mm Delta M620 tanking membrane (or similar or equal approved) on 300mm reinforced concrete slab to Structural Engineers details and specification with perimeter drainage channel. Tanking works to be carried out by approved specialist. 30 years warranty certificate to be provided upon completion. Refer to M&E Specification for underfloor heating requirements. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

Upgrading to existing Pitched and Flat Roof (U Value 0.18W/m<sup>2</sup>K):  
All roof timbers to be inspected for suitability. Existing roof felt to be inspected for suitability and if required 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 BSA 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. Depth of rafters TBC. Install new 50mm tanalised battens and re-install original roof tiles. NOTE: All works 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.

Suspended ceiling:  
Existing Lathe and Plaster ceiling to be kept in-situ. Service 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 Plasterboard (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 be taped and skimmed.

Independent Wall Lining - Type 1:  
Existing Lathe and Plaster finish to be kept in-situ. Grey dashed line indicates original features (fire place/skirting/dado) behind. 1No. Layer of 12.5mm Gyproc Wallboard Plasterboard on 12mm plywood fixed to 89x44mm timber studs at 300mm C/Cs (TBC by Structural Engineer). Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.

Suspended Ceiling - Basement:  
Service zone to suit M&E requirements (minimum 400mm void) provided by CasoLine MF ceiling system on acoustic hangers with 100mm Isover APR 1200 acoustic insulation laid over 1No. Layer 19mm Gyproc Plank Plasterboard and 1No. Layer 15mm Gyproc SoundBloc Plasterboard. NOTE: All works to be in strict accordance with manufacturer's written recommendations. Plasterboard to be taped and skimmed.

Dry lining to Basement External Wall (U Value 0.28W/m<sup>2</sup>K):  
Delta MS500 wall tanking membrane or similar or equal approved with 60mm Celotex GA3060 insulation with 30mm air gap in front with independent 100mm blockwork. Blockwork density and head restraint/windpost requirements to Structural Engineer's detailed design and specification. Finishes vary. Allow for 30mm tile zone to Swimming Pool, Wet Room, Jet Shower, Sauna, WC and Shower/Steam Room. Allow for 2No. Layers 12.5mm Gyproc Wallboard Plasterboard on 10mm dabs with D12 shadow gap propriety channel by Qic Trims Ltd (or similar approved or equal approved) to Changing Room, Poolside Gallery, Treatment Room, Gym/Media Room and Stair Area. Allow for 15mm Render parge coat to walls within rooms housing Plant equipment. Plasterboard to be taped and skimmed. Waterproof/drainage details TBC by Specialist Subcontractor. 30 years warranty certificate to be provided upon completion. NOTE: All works to be in strict accordance with manufacturer's written recommendations.



SCALE - 1:50

0 0.5 1 1.5 2.5m

Rev: - Comments: - By: - Date: -

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PLANNING

Client:  
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Project Title:  
24 Heath Drive, London, NW3 7SB

Drawing Title:  
Proposed  
Section AA

Scale: 1:50@A1 Date: JAN 18 Drawn: ST Checked: HV

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Project No.: 508-16 Drawing No.: 4000 Revision: -

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