



Wall Types Key	
(All to be installed in accordance with Manufacturer's written guidelines and instructions).	
	<p>Wall Type 1 - Basement External Wall (U Value 0.28W/m²K):</p> <p>Refer to structural engineers proposals for new structural basement walls. Triton TT - 55 application to be applied in 2 x coats to new RC walls, underpins and brickwork as initial waterproof coating to basement structure then Triton Platon P8 wall tanking membrane or similar or equal approved with 60mm Celotex GAS600 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:</p> <ul style="list-style-type: none"><li>Plant room to be have 15mm Render parge coat to walls with white painted finish.</li><li>Gym and main corridor to allow for 2No. Layers 12.5mm Gyproc Wallboard Plasterboard mechanically fixed with D12 shadow gap propriety channel by Qlc Trims Ltd at base of wall (or similar approved or equal approved) Plasterboard to be taped and skimmed.</li><li>Swimming pool flank wall, Treatment room, Shower, Sauna and WC to have 10mm tile finish.</li><li>Swimming pool walls and Lounge area to have 12.5mm Fermacell Power panel H20 mechanically fixed with specialist plaster finish applied to wall. D12 shadow gap propriety channel by Qlc Trims Ltd (or similar approved or equal approved) to be used throughout to base of wall. Boards to be sealed in accordance with Ferma cell recommendations. Specification and makeup TBC and agreed with Client.</li><li>Refer to finishes schedule for specific wall finishes.</li></ul> <p>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. All works including fixing through tanking membrane to be in strict accordance with manufacturer's written recommendations.</p>
	<p>Wall Type 2 - External Wall (U Value 0.25W/m²K):</p> <p>1No. Layer 12.5mm Gyproc Wallboard Plasterboard on 10mm dabs, Plasterboard to be taped and skimmed. 100mm Blockwork (Blockwork Thermal Conductivity of 0.19W/mK). min. 100mm Cavity with 100mm Earthwool DrTherm 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 maxing 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 recommendations.</p>
	<p>Wall Type 3 - Partition Blockwork to Gym &amp; Corridor:</p> <p>2No. Layers 12.5mm Gyproc Wallboard Plasterboard mechanically fixed to 100mm blockwork as per Structural Engineer's specification. D12 shadow gap propriety channel by Qlc Trims Ltd (or similar approved or equal approved) to be used throughout to base of wall. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.</p>
	<p>Wall Type 4 - Partition (2 Rows of Blockwork):</p> <p>2No. Layer 12.5mm Gyproc Wallboard Plasterboard on 10mm dabs either side of 2No. rows of 100mm blockwork as per Structural Engineer's specification with 100mm cavity between fully filled with 100mm Earthwool DrTherm Cavity Slab 32 Ultimate. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.</p>
	<p>Wall Type 5 - Partition Blockwork to WC, Shower, Sauna &amp; Treatment:</p> <p>100mm blockwork as per Structural Engineer's specification. Walls to Sauna, shower areas, adjacent to and underside of shower trays to have Bal waterproofing system applied. Wall finish to be 10mm tile/stone finish on adhesive bed. Refer to finishes schedule. NOTE: All works to be in strict accordance with manufacturer's written recommendations.</p>
	<p>Wall Type 6 - Wall Lining to Basement:</p> <p>1 x layer of 12.5mm Fermacell Power panel H20 mechanically fixed to 100mm blockwork as per Structural Engineer's specification. D12 shadow gap propriety channel by Qlc Trims Ltd (or similar approved or equal approved) to be used throughout to base of wall. Boards to be sealed in accordance with Ferma cell recommendations. Specialist plaster finish to be applied. Specification and makeup TBC and agreed with Client. NOTE: All works to be in strict accordance with manufacturer's written recommendations.</p> <p>Local areas to Pool area which need forming out in metal studwork to be formed in Protektor coated metal stud system to be specified by Protektor to suit wall makeup/finishes.</p>
	<p>Wall Type 7 - Partition (Metal Studs):</p> <p>2No. Layers 12.5mm Gyproc Wallboard Plasterboard fixed either side of Gyprframe 48 S 50 °C studs @ 600mm centres cross braced with Gyprframe 99 FC 50 Fixing Channel @ 1200mm centres fixed to each stud with 2No. British Gypsum Water Head Drywall Screws with 50mm lever APR 1200 acoustic 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.</p>
	<p>Wall Type 8 - Partition between Rooms (Timber Studs):</p> <p>2No. Layers 12.5mm Gyproc Wallboard Plasterboard fixed to room side of either 1 or 2 rows of 89x44mm timber studs at 300mm C/Cs (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 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 strict accordance with manufacturer's written recommendations.</p>
	<p>Wall Type 9 - Wall lining within En-suites/Bathrooms:</p> <p>1No. Layer Tile Backer Board to bathroom side to take 12mm tile finish and 8mm adhesive bed (Note: 12mm ply patress to be used where required to replace moisture resistant board for fixing sanitaryware.) Boards to be fixed to 89x44mm timber studs at 300mm C/Cs (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.</p>
	<p>Wall Type 10 - Independent Wall Lining - Type 1:</p> <p>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.</p>
	<p>Wall Type 11 - Independent Wall Lining - Type 2:</p> <p>1No. Layer of 12.5mm Gyproc Wallboard Plasterboard on 12mm plywood fixed to 50x25mm timber battens for walls, or 69x38mm timber studs with Isover Insulation for blocked windows at 300mm C/Cs. No fixing into brickwork permitted. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.</p>
	<p>Wall Type 12 - Independent Wall Lining - Type 3:</p> <p>1No. Layer of 12.5mm Gyproc Wallboard Plasterboard on 12mm plywood fixed on the room side to Gyprframe 48 T 50 I metal 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.</p>
	<p>Wall Type 13 - New Dormer Cheeks and Roof (U Value 0.18W/m²K):</p> <p>Side hung roof tiles to match existing roof on 25mm tanalised battens on 25mm tanalised counter battens with Kingspan Nivent breathable membrane on 9mm OSB sheathing board fixed to 100x50mm studs (TBC by SE) with 100mm Kingspan Kooltherm K107 Pitched Roof Board between timber studs with 42.5mm Kingspan Kooltherm K118 Insulated Plasterboard with taped joints acting as a VPL. NOTE: All works to be in strict accordance with manufacturer's written recommendations. Same insulation treatment to be given to the dormer roof.</p>
	<p>Wall Type 14 - Partition between Rooms (Metal Studs)</p> <p>2No. Layers 12.5mm Gyproc Wallboard Plasterboard fixed either side of 2 rows of Gyprframe 48 S 50 °C studs @ 300mm centres cross braced with Gyprframe 99 FC 50 Fixing Channel @ 900mm centres fixed to each stud with 2No. British Gypsum Wafer Head Drywall Screws. Plasterboard to be taped and skimmed. NOTE: All works to be in strict accordance with manufacturer's written recommendations.</p>
	<p>Wall Type 15 - Existing Walls:</p> <p>Refer to Kysen 1500 series of Drawings for information and specification of required works.</p>
	<p>Wall Type 16 - New Rear Extension:</p> <p>4mm Welded Weathering Steel Cladding (Corten) fixed to ralling or timber frame system (size and specification TBC by Structural Engineer and specialist sub-contractor.)</p>
<p>General Notes:</p> <p>Plasterboard to be substituted with moisture resistant plasterboard in wet areas.</p> <p>Reinforced Structure refer to Structural Engineers proposals.</p>	

SCALE - 1:50		
Rev:	Comments:	By: Date:
B	New design for Rear Extension	KS 24-08-2018
C	Minor Material Amendments	MSIL 27-03-2020
D	Minor Material Amendments	JC 08-09-2020

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## PLANNING

Client:	-
Project Title:	24 Heath Drive, London. NW3 7SB
Drawing Title:	Wall Types Plan Second Floor
Scale:	1:50@A1
Date:	March 20
Drawn:	KK
Checked:	AH

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Project No.:	Drawing No.:	Revision:
508-16	2302	D