

Renovation of 17 Green Walk SK8 4BN

Items completed	Ok	N/A	Fail
44 / 44 (100 %)	44	0	0

Overview

Project name	17 Green Walk SK8 4BN
Address	17 Green Walk, Gatley, Cheadle, Storbritannia
Conducted by	Farhad Hamahusseini, 15.11.2024 21:34:55

All items

New exterior		
Pictures of the house's new exterior		✓
Old exterior		
Pictures of the house's old exterior		✓
New interior		
Pictures of the house's new interior	The pictures show the completed renovation of the interior of the house, including the living room, hallway, porch, bedroom, and kitchen.	✓
Old interior		
Pictures of the house's old interior	The pictures show the old interior, including the living room, bedroom, kitchen, and bathroom.	✓
Demolition work		
Demolition	Demolition of plastering, ceiling plasterboard, and windows.	✓
Demolition	Demolition of ceiling panels and old insulation.	✓
Demolition	Demolition of all electrical cables and plastering on walls. Dismantling of radiators and old pipe installations.	✓
Clean up		
Cleaning	Cleaning and painting of ceiling structure.	✓
Crawl space		
Reinforcement of walls beneath foundations	The pictures show the crawl space basement, including the cleaning and reinforcement of the concrete beam under the foundation.	✓

Electrical work		
Electrical	New electrical wiring to living room, bedroom 1, 2, 3, and 4. New electrical cables and wall boxes for kitchen, hallway, porch, and exterior. New cable for electric car. New fuse box.	✓

Interior plastering		
Plastering	Plastering of interior walls in the living room, master bedroom, bedrooms 2, 3, and 4, and hallway. We will apply rendering to the interior brick walls to make the walls strong and stable.	✓

Interior plasterboarding		
Plasterboarding	Installation of plasterboard on the walls and ceiling in the living room, master bedroom, bedrooms 2, 3, and 4, hallway, porch, and kitchen. As shown in the pictures, the adhesive is applied directly to the new rendering, without any gap between the plasterboard and the walls, so the plasterboard is fixed directly to the wall.	✓

Insulation		
Insulation	Insulation of attic with 300mm insulation, insulation of interior walls in floor 2 with 100mm insulation, insulation of floor 2 ceiling with 200mm insulation. Insulation of floor in floor 1 with 200mm. Insulation of exterior walls with 150mm. Insulation of floor in extension with 100mm. Insulation in ceiling of extension with 300mm.	✓

Floorboard installation		
Installation of 22mm chipboard in first floor		✓
Installation of 22mm wood floorboard in second floor		✓
Installation of 12mm laminate floor in all of the house		✓

Exterior plumbing work		
Plumbing work	Exterior plumbing work, new sewage pipe 110mm and new sewage manhole Ø 600mm, as well as new drainage for roof gutter pipes. All exterior pipes are new. All pipes and manholes are packed with 4 to 8mm gravel.	✓

Interior plumbing work		
Plumbing work	All interior pipes are new. New drainage and sewer pipes to the bathroom on floor 1, kitchen, and bathroom on floor 2, as well as new drainage and sewer pipes in the laundry room under the stairs.	✓

Excavation for drainage sheet installation		
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Drainage sheets	Drainage sheet for exterior walls from the soil to the foundation to protect the walls from moisture and damp.	
Exterior rendering with K Rend		
Exterior rendering	Exterior rendering of all exterior walls. After rendering, a white sand-based silicone facade finish will be applied to protect against moisture.	
Exterior ventilation		
Ventilation for exterior wall	Ventilated walls, from the bottom to the top of the facade walls, to ensure proper ventilation inside the exterior walls for air exchange. This is to prevent moisture and damp damage to the interior walls and wall structures in the bedrooms.	
Ventilation for exterior roof	Natural vents are installed in the eaves to allow air to flow into the attic and facilitate air exchange between the inside and outside. When it gets cold and temperatures drop below freezing outside, the warm air from inside the attic may cause slight condensation. However, with proper natural ventilation in the roof and attic, the condensation will dry out, preventing damage and poor air quality.	
Membrane installation		
Installation of Protan G 1.6 welding membrane	Installation of Protan G 1.6 welded membrane on bathroom floors to ensure 100% waterproofing in all bathrooms on floors 1 and 2, and in the laundry room under the stairs. This type of membrane is sourced from Norway and is specifically designed for wet rooms. It is resistant to mold and mildew, which cannot thrive on this material. This membrane is not available in the UK, and this project is the only one using this type of membrane. Full testing of the bathroom floors has been conducted by filling the entire bathroom floor with approximately 10 cm of water for 48 hours without any leakage.	

Installation of Mapei Waterproofing membrane	For the walls, MAPEI Mapegum WPS has been used, applied in three coats to ensure complete waterproofing. All walls are fully sealed, making it impossible for water damage to occur from the walls or floor. The area behind built-in toilets is also waterproofed with Mapegum WPS, as shown in the pictures. Warning: The bathroom floor must not be drilled or punctured, as it contains underfloor heating cables, and puncturing the floor would damage the welding membrane. The walls must also not be drilled or punctured due to water pipes and electrical cables inside the walls. If you need to hang or attach something to the walls, please refer to the provided pictures to identify safe areas for fixing anything. However, the floor must never be drilled or punctured. If the floor is drilled or punctured, it could damage the heating cables and compromise the waterproofing. Extreme caution is required.	✓
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Bathroom work		
Floor installation	The bathroom floor is constructed with lightweight concrete sloping toward the drain, with a grounding mesh for the electrical wiring. The floor is insulated in the first layer, followed by the installation of a welding membrane, and then the tiling is applied. Warning: The bathroom floor must not be drilled or punctured, as it contains underfloor heating cables, and puncturing the floor would damage the welding membrane. The walls must also not be drilled or punctured due to water pipes and electrical cables inside the walls. If you need to hang or attach something to the walls, please refer to the provided pictures to identify safe areas for fixing anything. However, the floor must never be drilled or punctured. If the floor is drilled or punctured, it could damage the heating cables and compromise the waterproofing. Extreme caution is required.	✓
Installation of underfloor heating	Bathroom work includes sealing from floor to ceiling, with underfloor heating installed in the bathroom floors on both the 1st and 2nd floors. Warning: The bathroom floor must not be drilled or punctured, as it contains underfloor heating cables, and puncturing the floor would damage the welding membrane. The walls must also not be drilled or punctured due to water pipes and electrical cables inside the walls. If you need to hang or attach something to the walls, please refer to the provided pictures to identify safe areas for fixing anything. However, the floor must never be drilled or punctured. If the floor is drilled or punctured, it could damage the heating cables and compromise the waterproofing. Extreme caution is required.	✓

Installation of OSB boards and moisture-resistant plasterboards on walls and roof	The walls are constructed with a 12mm OSB board layer, followed by a 12.5mm plasterboard layer that is moisture-resistant and suitable for bathrooms in the UK. Mapegum WPS has been applied over the walls to ensure 100% waterproofing.	✓
Concrete laying	The concrete flooring in the bathroom is laid with a thickness of 3.5 cm to 5 cm, sloping towards the drain.	✓

Interior staircase

Installation of stairs	Installation of a completely new staircase with railing. The stair treads are made entirely of 36mm wood, with full priming and painted with special stair paint that tolerates wear and tear.	✓
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Installation of windows and exterior door

Installation of windows	Removal of all old windows and exterior doors. Installation of brand-new windows with double glazing and a new exterior door, as shown in the pictures. The windows and exterior door are dark grey on the outside and white on the inside. The pictures show the exterior view.	✓
Installation of exterior door	The pictures show a new composite flush glass kitchen door with sidelights. The exterior is a dark gray color, and the interior is white.	✓

Porch

Building a new porch	Construction of a new porch, including excavation to a depth of approximately 1 meter, laying of paving stones and gravel, vapor barrier plastic, reinforcement mesh, and concrete. The walls are built with two layers of blocks and 100mm insulation between the layers. The exterior is rendered, and plasterboard is applied on the interior walls. The roof has 300mm of insulation, and the exterior roof is screwed with roofing tiles. The interior has been skimmed and painted. The interior floor is finished with tile.	✓
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Extension

Excavation	New extension to expand the kitchen. Excavation more than 1 meter deep for foundation work, compacted and filled with stone material.	✓
Foundation work	A vapor barrier plastic is laid, followed by reinforcement with steel rebar mesh. Concrete is poured with a thickness of 400mm. The interior floor is filled with stone material, followed by 100mm Isopor insulation. A vapor barrier membrane is installed for the floor, with a 100mm thick concrete layer on top.	✓
Building block walls	The walls are built with two layers of blocks, leaving space for insulation between them. The walls in the kitchen are insulated with 50mm extra insulation.	✓

Roof insulation work	The roof has 300mm insulation with ceiling beams spaced at C/C 400mm, covered with roof tiles.	✓
Installation of steel lintels	The pictures show the steel beam, which is a double beam positioned under both brick exterior walls. The beams are connected using bolts with a 60 cm center-to-center spacing, as shown in the images. The beams have been painted with two coats of rust-resistant paint.	✓
Columns for new extension	The pictures show that the steel column is mounted directly onto the concrete foundation with bolts and connected to the steel beam using bolts. The column has been painted with two coats of rust-resistant paint.	✓

Skimming and painting work

Skimming both walls and ceilings and painting work for the whole house	Skimming over all plasterboard on both walls and ceiling. Painting the entire ceiling in white and the walls in a beige color.	✓
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Installation of door and trim

Delivery and installation of interior doors and trim	Installation of interior door 80x200 with pre-painted door, frame, and trim. The doors are factory-prepared for hinges, handles, and lock box.	✓
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Kitchen work

Delivery and installation of kitchen	Assembled kitchen from IKEA, including all kitchen cabinets, wall cabinets, and under-counter cabinets with 38mm countertops. Tiles have been laid over the countertop by the window, all the way to the ceiling and under the wall cabinets. A fully assembled sink, approximately 95 cm long, XL type. Kitchen faucet installed in black with hose. Delivered and installed dishwasher. Delivered and installed 80 cm induction hob. Delivered and installed 90 cm black ventilation hood. Delivered and installed black electric oven. Delivered and installed black microwave. All appliances are new.	✓
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Radiators

Delivery and installation of radiators in all bedrooms, hallway, living room, and kitchen		✓
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Exterior work for parking

Installation of 40mm thick concrete slabs (600x900 mm) in the outdoor yard for parking		✓
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Completion of the project

Picture of the completed project	The project has been completed and both bathrooms have been tested, with the radiators fully installed. Electrical outlets, switches, dimmers, and the thermostat for the underfloor heating have been tested. The appliances have been tested. Everything is functioning as it should.	✓
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Items with images

Pictures of the house's new exterior

✓



Pictures of the house's old exterior

✓





Pictures of the house's new interior





Pictures of the house's old interior

✓

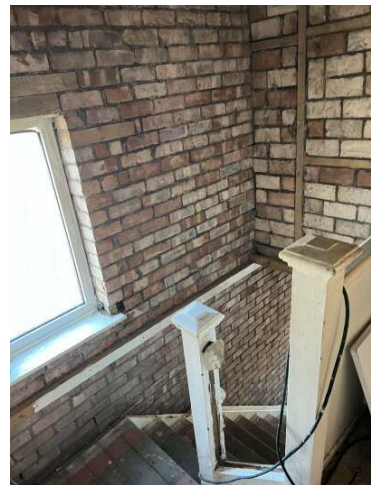
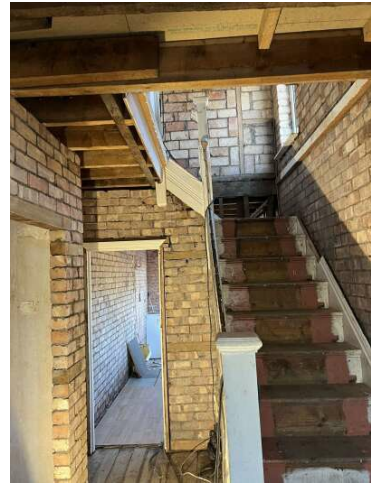


Demolition

✓





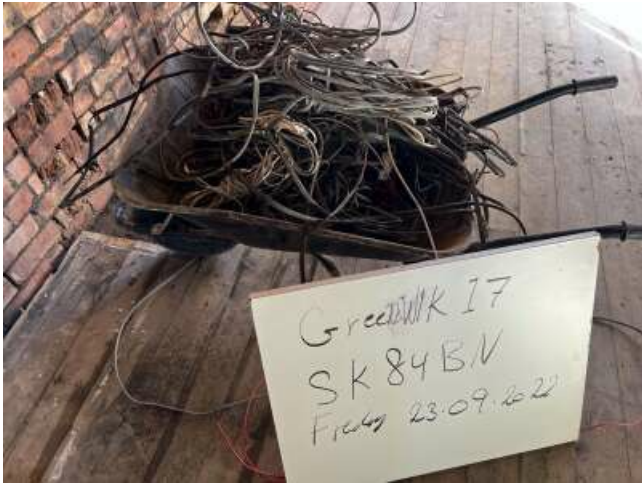




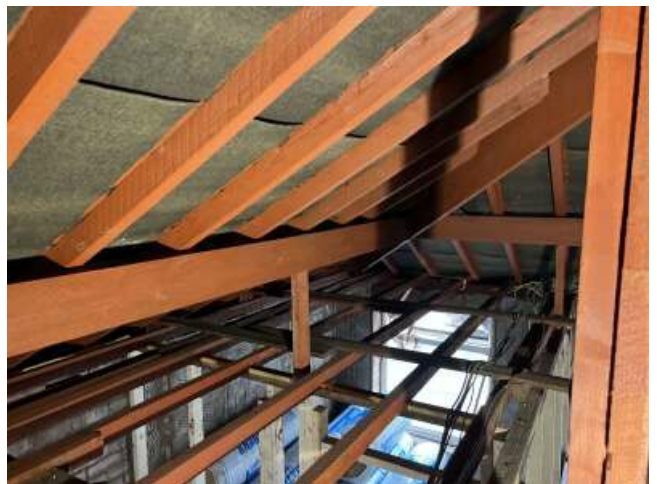


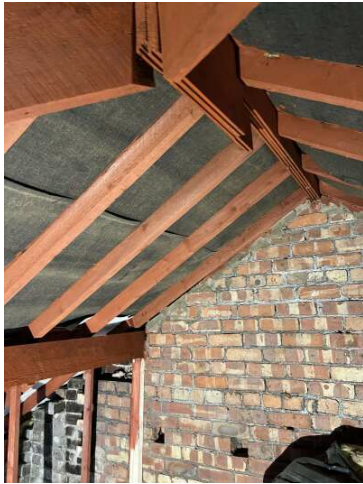
Demolition





Cleaning



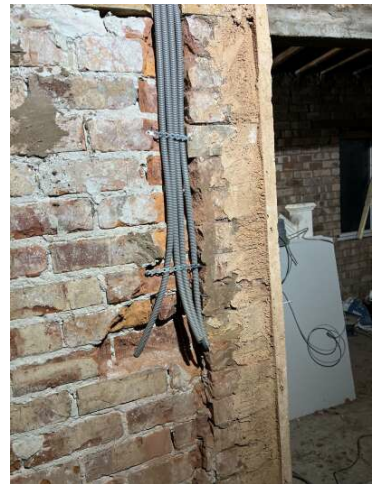
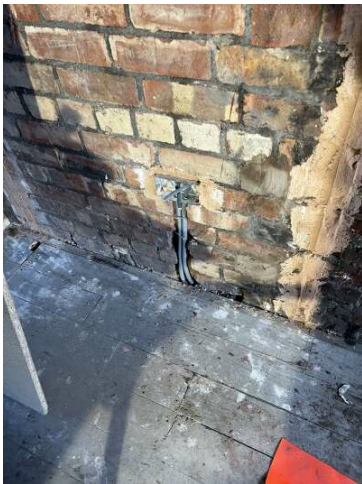


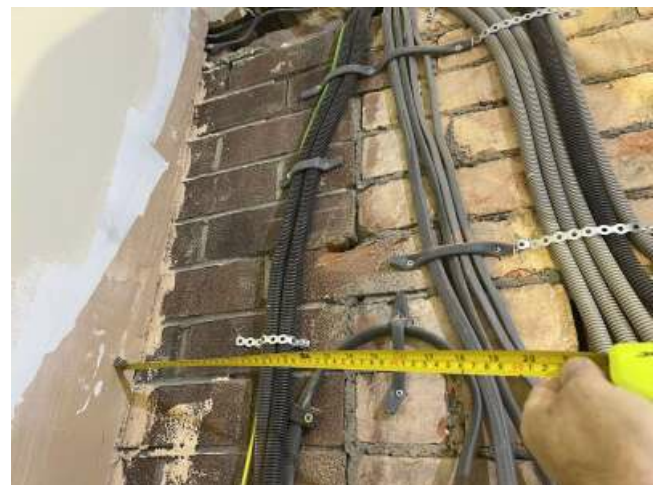
Reinforcement of walls beneath foundations





Electrical

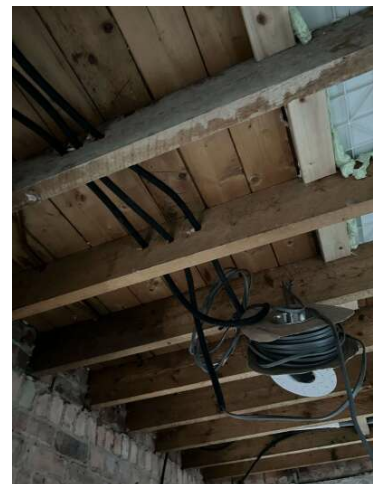








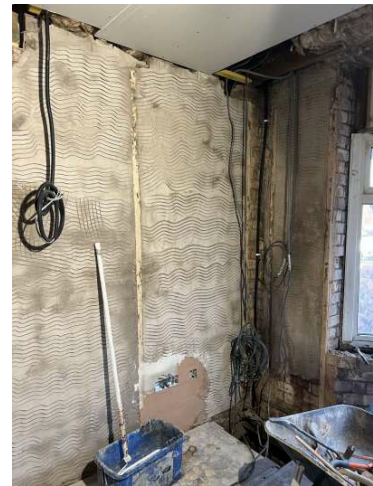






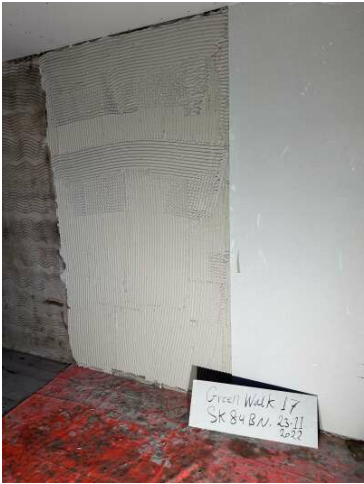
Plastering

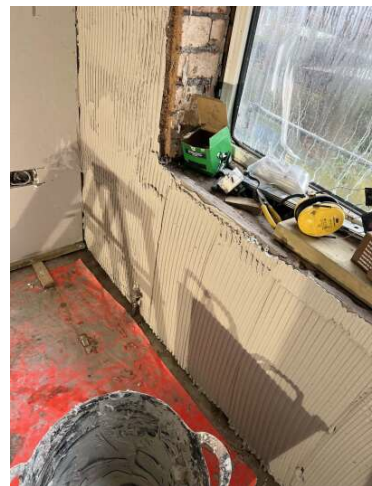
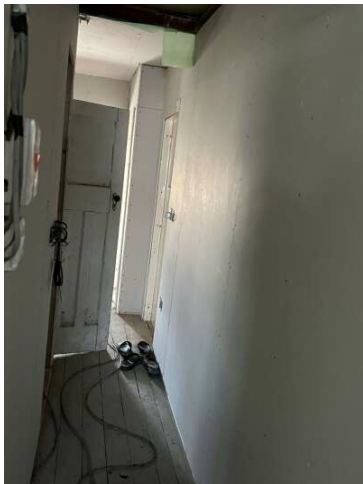




Plasterboarding









□



□

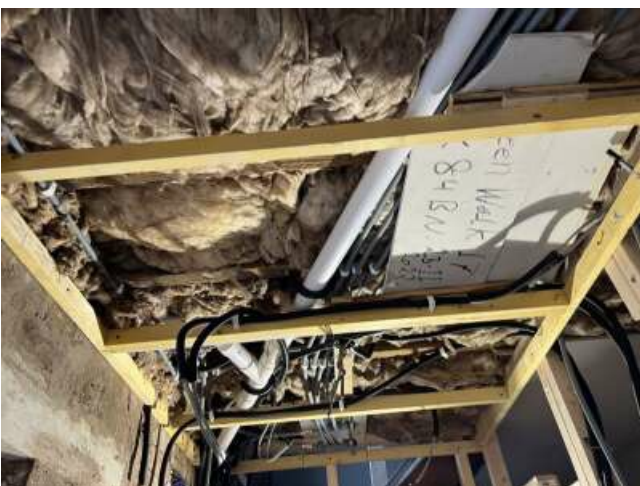


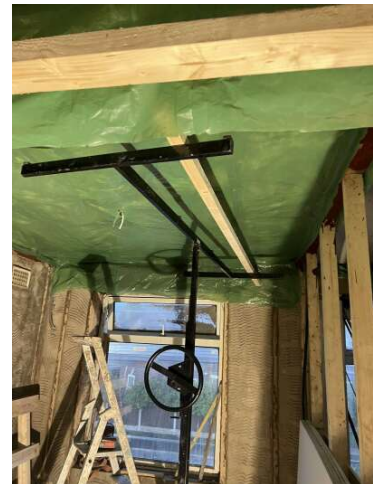
Insulation











Installation of 22mm chipboard in first floor





Installation of 22mm wood floorboard in second floor



Installation of 12mm laminate floor in all of the house





Plumbing work

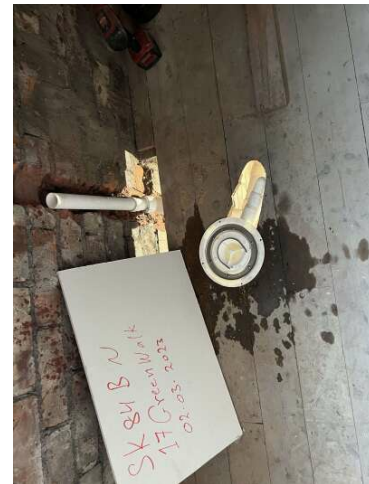
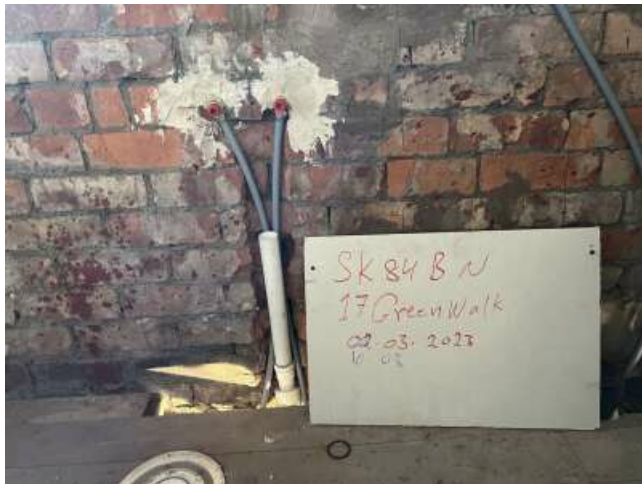


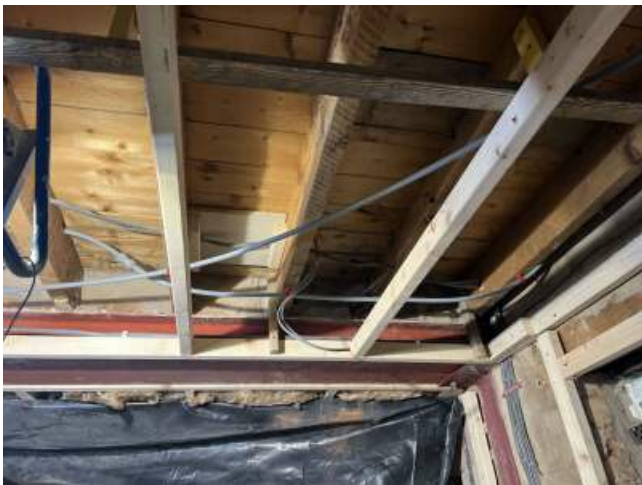


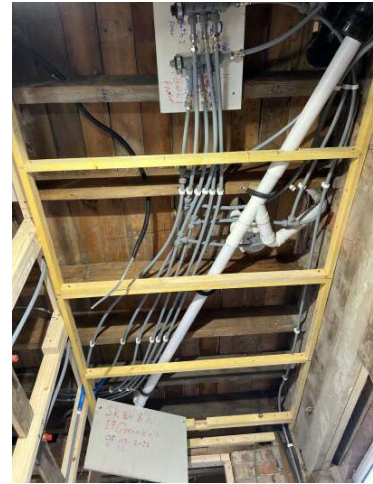


Plumbing work













Exterior rendering ✓





Ventilation for exterior wall





Installation of Protan G 1.6 welding membrane







Installation of Mapei Waterproofing membrane





Floor installation



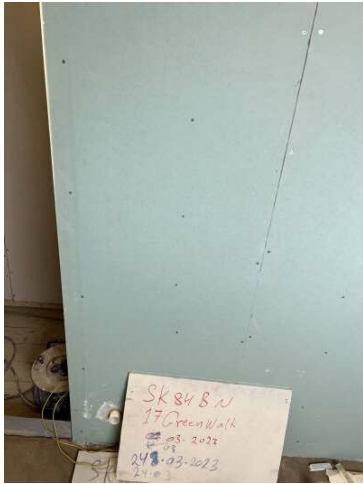


Installation of underfloor heating



Installation of OSB boards and moisture-resistant plasterboards on walls and roof





Concrete laying



Installation of stairs





Installation of windows







Installation of exterior door





Excavation



Foundation work





Building block walls



Roof insulation work





Installation of steel lintels



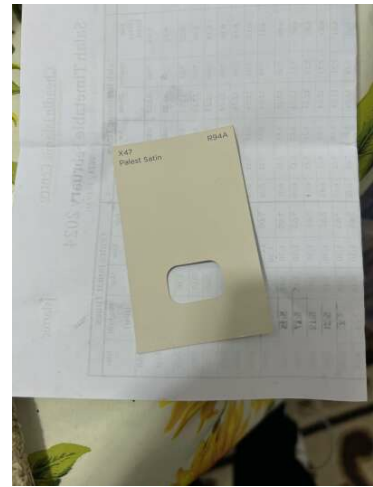


Columns for new extension





Skimming both walls and ceilings and painting work for the whole house



Delivery and installation of interior doors and trim



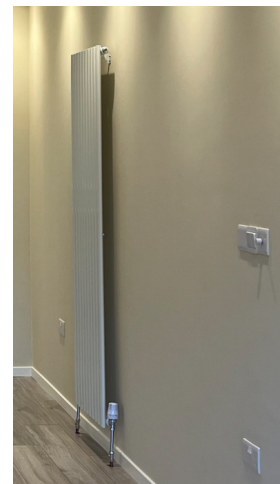
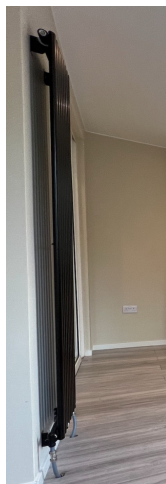
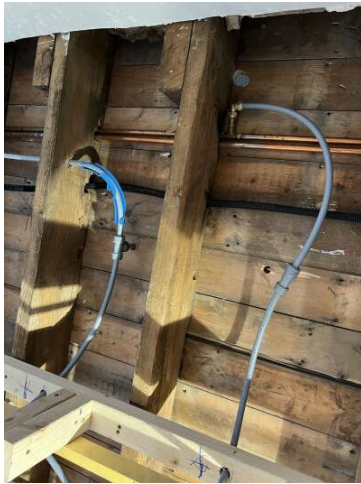
Delivery and installation of kitchen





Delivery and installation of radiators in all bedrooms, hallway, living room, and kitchen





Installation of 40mm thick concrete slabs (600x900 mm) in the outdoor yard for parking



Picture of the completed project





