
Method Statement for the Construction of a New Build House

Project Name: 38 Nichol Road- new build construction

Location: 38 Nichol Road, Chandlers Ford, Eastleigh, SO53 5AU

Prepared By: John Durman

Date: 10/02/2025

1. Introduction

This method statement outlines the procedures and safety measures to be followed during the construction of a new build house at 38 Nichol Road. It aims to ensure that the project is completed efficiently, within the agreed timescale, and in compliance with all relevant regulations and health and safety guidelines.

2. Scope of Work

The scope of work includes:

- Asbestos demolition survey report
- Site preparation and clearance of existing dwelling
- Excavation and foundation works
- Superstructure construction (brickwork, timber framing, etc.)
- Roofing
- Electrical and plumbing installations to M&E design
- Renewable energy solar and ASHP
- Internal finishes (flooring, painting, etc.)
- External works (landscaping, driveways, etc.)

3. Key Personnel

- **Project Manager:** John Durman
- **Site Supervisor:** Trevor Rogers
- **Health and Safety Officer:** Lindsey Durman
- **Construction Workers:** Notion Services

4. Health and Safety Measures

- **Risk Assessment:** A detailed risk assessment has been carried out for all stages of construction. Identified risks include working at height, use of heavy machinery, and manual handling.
- **PPE (Personal Protective Equipment):** All personnel are required to wear hard hats, safety boots, high-visibility vests, gloves, and goggles where necessary.
- **Emergency Procedures:** Emergency exits, fire extinguishers, and first aid kits will be readily available on-site. All workers will be briefed on emergency procedures.
- **Signage:** Warning signs will be displayed around the construction site to inform workers and visitors of potential hazards.

5. Methodology

The construction works will proceed in a series of phases:

5.1 Site Preparation

- Adhere to arboricultural supervision statement, inclusion of protection measures to nearby trees.
- Clear the site of any debris, vegetation, and existing structures.
- Conduct a site survey to establish boundaries and identify any underground utilities.
- Erect site hoardings and safety barriers to secure the perimeter of the site.

5.2 Excavation and Foundations

- Excavate the area for the foundation to the required depth, as per building control site survey and engineering drawings.
- Lay a compacted base for the foundation, ensuring proper drainage.
- Pour concrete for the foundation and allow it to cure for the recommended period before proceeding with superstructure work
- Installation of block and beam base with required ventilation gap.

5.3 Superstructure Construction

- **Walls:** Build external walls using face brickwork and concrete blockwork as per the architectural drawings. Ensure walls are square and level, checking measurements regularly.
- **Internal Walls:** Construct internal walls using concrete blocks, partition walls using 4x2 treated timbers, following the layout provided in the architectural drawings.
- **Structural Steels:** Installation of steel beams as per structural engineer detail.

5.4 Roofing

- Installation of cut roof, ensuring proper alignment and fixing.
- Apply roofing materials felt and batten with Spanish slate covering in compliance with the manufacturer's instructions.

5.5 Installations (Electrical, Plumbing, and HVAC)

- **Electrical:** Install wiring, sockets, and lighting, adhering to BS standards. Testing will be carried out by a qualified electrician.
- **Plumbing:** Install piping for water, sewage, and drainage systems. This will be done by a licensed plumber, ensuring compliance with relevant standards.
- **HVAC:** Install heating, ventilation, and air conditioning systems according to the design specifications.

5.6 Finishing Works

- **Internal Finishes:** Apply plastering and painting to walls, install flooring (e.g., tiles, carpets), and fit internal doors and trims.
- **External Finishes:** Complete the external cladding, rendering, window installation, and any other external finishing work such as driveways and landscaping.

6. Equipment and Materials

- **Materials:** Concrete, bricks, mortar, timber, insulation, roofing materials, Aluminium cladding, Weber render products, plumbing pipes, electrical cables, etc.
- **Equipment:** Excavators, cranes, cement mixers, scaffolding, power tools, etc.
- **Transport:** Delivery vehicles for materials and removal of waste from the site.

7. Quality Control

- Inspections will be carried out at various stages of construction to ensure the quality of work is in accordance with the design specifications and building regulations.
- A final inspection will be performed before handover to the client to ensure the property is fully habitable and meets all building regulation for sign off.

8. Environmental Management

- Waste generated on-site will be segregated, with recyclable materials separated for disposal.
- Dust suppression methods (e.g., water spraying) will be used during excavation and demolition to minimize air pollution.
- Noise will be controlled by scheduling noisy operations during specific hours 8-6pm Monday-Friday, 8-1pm on Saturdays where required and using noise-reducing equipment.

9. Program of Works

- **Week 2-3:** Site clearance and excavation.
- **Week 3-5:** Foundation works and curing.
- **Week 5-20:** Superstructure construction (walls and roof).
- **Week 20-30:** Installations (electrical, plumbing, HVAC).
- **Week 30-45:** Finishing works (interior and exterior).
- **Week 45-46:** Final inspection, cleaning, and handover.

10. Monitoring and Reporting

- Progress will be tracked and reported weekly to the project manager.
- Regular safety audits will be conducted to ensure compliance with health and safety regulations.

11. Sign Off

This Method Statement is prepared in line with the project requirements and will be reviewed periodically to ensure its relevance and effectiveness.

Prepared by: John Durman

Signature

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