
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: 19/03/2025

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.
- Barrier heras fencing used to protect tree zone as per site plan, wood chippings laid in this zone to provide clear barrier lining.

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. Collection point for waste to be positioned on hard standing area on South elevation as per site plan. Collection via hi-ab from Woodlands Close without egress to pathway/grass verge. During operation site personal will be present with hazard barriers placed on pathway to guide pedestrians.
- General waste skips to be positioned to existing driveway to existing garage frontage on East elevation.
- Access for plant through site entrance off Nichol Road, egress to dropped kerb section leading to new driveway access location.
- Dust suppression methods (e.g., water spraying) will be used during excavation and demolition to minimize air pollution.
- Onsite water supply will be used to spray, clear and swept any debris from pathways to site entrance on Nichol Road West elevation and Woodlands Close South elevation for duration of project. Wheel washing implemented to onsite parking area for vehicles and plant machinery.
- Pathways, verges and nearby access roads to be swept frequently throughout working hours to maintain condition.
- 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.

- Complaints from noise will be logged and actively addressed to minimise noise where possible. Extreme noise/vibration works to be minimised with frequent intervals.
- Site vehicle parking will be implemented to hard standing area on proposed driveway West elevation off Nichol Road. No requirements for parking on grass verges.

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.

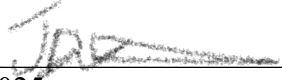
10. Monitoring and Reporting

- 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.
- Regular assessments carried out to adjoining pathways, verges and roadways to ensure they remain in sound condition. Any damage to areas caused by the demolition and/or construction of the new dwelling will be made good by the contractor appointed onsite.

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: 

Date: 19/03/2025