

Construction Management Plan

718 Seven Sisters Rd, South Tottenham,
London N15 5NH



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1.0 Introduction

The Construction Management Plan (CMP) outlined in the following sections serves as a vital framework for the successful execution of our construction project at 718 Seven Sister Rd. Its primary purpose is to provide a systematic approach to managing construction activities while upholding our commitments to environmental preservation and ensuring strict adherence to health and safety regulations. The CMP's overarching goal is to demonstrate how we will identify, minimize, and mitigate potential adverse impacts on the environment, local residents, and businesses. By establishing clear action items and procedures, this plan lays the foundation for a secure, efficient, and environmentally responsible construction process.

Approach:

- Develop and document comprehensive environmental and health and safety arrangements for construction activities.
- Establish monitoring procedures to ensure ongoing compliance with environmental and safety standards.
- Coordinate and oversee Contractor activities to ensure strict adherence to relevant Environmental, Health & Safety Legislation.
- Provide a detailed plan for minimizing disruptions during construction, considering health, safety, and environmental concerns.
- Outline site logistics, including movement, access, parking, and deliveries, with a focus on mitigating the impact on the local community.
- Implement measures to ensure the safety of the highway network during construction.
- Create risk assessments and method statements as the foundation for on-site implementation.
- Demonstrate how potential adverse environmental impacts will be identified, minimized, and mitigated throughout the project.
- Ensure the well-being of local residents and businesses through effective management of environmental commitments.
- Integrate the CEMP seamlessly with Quality, Sustainability, and Health & Safety Management processes for comprehensive project management.

2.0 Site Location

The site in question is situated in Tottenham, within the London Borough of Haringey . It is positioned approximately 420 meters southeast of Seven Sisters underground station, with frontage on Seven Sisters Road to the North and Gourley Pl to the southwest. Mix of residential properties and industrial properties surround the site on all other sides.

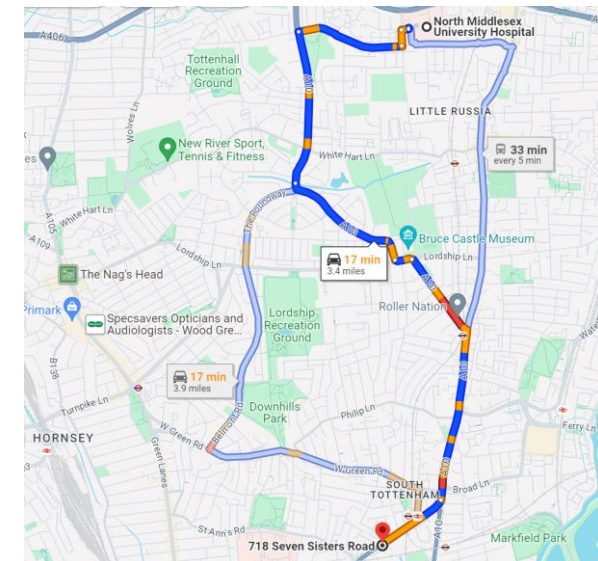


Nearest Hospital

Sterling Way, London N18 1QX

Main Contractor that will be chosen to execute works will have to be a member of Considerate Contractors scheme. HSE measure are to include:

- Competent persons on site with First Aid training
- Competent person to conduct pre-plan meetings and review method statements for all activates on site
- Only personnel with valid CSES cards will be allowed on site.



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3.0 Existing Site & Proposed Works

- The current structure spans three levels—ground, first, and second floors. As the construction commences, the commercial building below is expected to be largely unoccupied as the business users would have started to vacate." Nonetheless, arrangements are in place to ensure selected areas of the first and second floors remain accessible as required.
- The proposed construction activities encompass the addition of a single-story extension atop the existing roof to create four new apartments. To support this enhancement, strategic reinforcement will be implemented within the existing floors. This will be executed externally to minimize interior disruption.
- Scaffolding, for which permissions from Transport for London (TfL) and Highways will be procured, will encircle the building. This setup aims to offer fall protection along Seven Sisters Road and safeguard pedestrians below. The sidewalk will remain unobstructed. Complementing the scaffolding, reflective hoarding equipped with anti-vandalism lighting will be erected to enhance safety and security measures.
- Vertical conveyance will be facilitated by a hoist system, strategically transporting materials from Gourley Road to the designated loading zone and elevated via the hoist.
- The construction methodology is projected to be lightweight, obviating the need for crane lifts.



4.0 Hours of Operation

- Hours of operation will be restricted to the following hours: 8.00am - 6.00pm Monday to Friday, 8.00am - 1.00pm Saturday, and not at all on Sundays and Bank Holidays.

5.0 Noise

- **Schedule Noisy Activities:** Schedule noisy activities such as demolition and excavation during off-peak hours to minimize disturbance to nearby residents. Avoid undertaking noisy activities during early mornings, evenings, and weekends wherever possible.
- **Utilize Quieter Equipment:** Choose construction machinery and equipment with lower noise emissions where feasible. Regular maintenance and servicing of equipment will also help reduce noise levels.
- **Sound Barriers:** Erect temporary sound barriers around the construction site perimeter to contain noise emissions. These barriers may include fencing, hoarding, or acoustic barriers.
- **Site Layout Optimization:** Position noisy activities, such as material stockpiles and machinery, away from residential areas whenever possible. Adjust site layout to create natural barriers, such as existing buildings or topographical features, to mitigate noise propagation.
- **Monitor and Control:** Implement noise monitoring measures to assess compliance with regulatory limits. Use noise meters or similar devices to measure noise levels periodically. Adjust construction activities or mitigation measures as necessary to maintain compliance.

6.0 Dust

- Implement water suppression techniques such as spraying water onto dusty areas to reduce airborne dust particles. Use water trucks, hoses, or misting systems to wet down exposed soil surfaces regularly.
- Cover loose materials and stockpiles with tarps or other suitable materials to prevent wind erosion and minimize dust emissions. Enclose construction activities, such as concrete mixing or abrasive blasting, within temporary structures or enclosures where possible.
- Conduct regular site inspections to identify areas prone to dust generation and implement timely corrective actions. Ensure that equipment and vehicles are properly maintained to minimize emissions and dust release.

7.0 Vibration

- Choose construction machinery and equipment with low vibration levels where feasible. Ensure that equipment is properly maintained and serviced to minimize vibration emissions.
- Implement operating procedures that minimize vibration generation, such as avoiding excessive engine revving, using smooth and gradual movements, and limiting the duration of high-impact activities.
- Install vibration monitoring equipment at strategic locations around the construction site to measure vibration levels during activities. Regularly monitor vibration levels and adjust construction methods or mitigation measures as needed to ensure compliance with regulatory limits.

8.0 Traffic

Identification of Traffic Issues:

- Increased traffic volume due to construction vehicles entering and exiting the site.
- Potential congestion and delays on surrounding roads and intersections.
- Safety concerns for pedestrians and cyclists navigating around the construction site.

Mitigation Measures:

Traffic Control Personnel: Employ trained traffic control personnel to manage vehicular and pedestrian traffic flow around the construction site. Station flaggers at key entry and exit points to coordinate the movement of construction vehicles and ensure safe passage for other road users.

Temporary Traffic Signage: Install temporary traffic signage, including speed limit signs, detour signs, and warning signs, to alert motorists to construction activities and changes in traffic conditions. Ensure that signage is highly visible and compliant with regulatory requirements.

Construction Vehicle Routing: Establish designated routes for construction vehicles entering and exiting the site to minimize conflicts with existing traffic patterns. Coordinate with local authorities to identify suitable routes and obtain necessary permits for oversized or overweight vehicles.

Pedestrian Safety Measures: Provide designated pedestrian walkways with barriers or delineators to separate pedestrians from vehicular traffic. Install temporary lighting and signage to enhance visibility and ensure safe passage for pedestrians, particularly during low-light conditions.

9.0 Site Logistics & Deliveries

- All deliveries are to be provided in small compact loads that will fit to designated delivery area along East boundary within the development for unloading. Delivery vehicles are not to enter excavation areas.
- For any larger loads special arrangements will take place including any parking suspensions or road closers however those are not anticipated. Such an activates will be planned in advance with sufficient notice to all.

Communication and Notification:

- Maintain open communication with nearby residents, businesses, and stakeholders regarding construction-related traffic impacts. Provide regular updates on construction activities, traffic management measures, and anticipated delays through local media channels, community newsletters, and social media platforms.

10.0 Comprehensive Site Rules and Regulations for Safe and Compliant Construction Operations

- Prior to commencing construction, all necessary permits must be obtained from the local authorities, such as Haringey Council.
- Compliance with Health and Safety Executive (HSE) regulations is paramount. This includes conducting thorough risk assessments and creating a comprehensive health and safety plan.
Adequate safety measures, such as barriers, signage, and protective equipment, must be in place to prevent accidents and protect workers and the public.
- Strict environmental regulations should be followed, with a focus on minimizing the impact of construction on the local environment.
Proper waste disposal and recycling practices must be implemented, and hazardous materials must be handled and disposed of according to environmental standards.
- In accordance with Haringey policy for working hours, construction activities should be limited to the prescribed hours to minimize noise disruption to residents.
Noise barriers and vibration control measures should be used to mitigate the impact on nearby buildings.
- Construction activities should adhere to Haringey working hours policy, which typically restricts noisy activities to specific hours during weekdays and weekends.
- A traffic management plan must be in place to ensure the safe flow of vehicles around the construction site and minimize traffic disruption in the area. Adequate signage and road closures, if necessary, should be implemented.
- Measures should be taken to control dust emissions, including the use of water spraying systems and dust screens. Monitoring air quality is essential to ensure compliance with environmental standards.
- The construction site should be adequately secured to prevent unauthorized access and safeguard equipment and materials.
- An emergency response plan should be developed, including procedures for evacuations, fire safety, and first aid.
- Regular communication with the local community is crucial. Informing nearby residents and businesses about construction activities and potential disruptions helps build goodwill.
- Regular inspections and compliance checks should be conducted by both internal and external entities to ensure that all regulations and policies are being followed.