41 Frognal,
London Borough of Camden

Construction Management Plan

PRO-FORMA

CONTENTS	PAGE NO.

Queries: planningobligations@camden.gov.uk

Camden

CONSTRUCTION MANAGEMENT PLAN

INTRODUCTION

A Construction Management Plan (CMP) should help developers minimise the impact of their construction on the surrounding community, both for the construction on site and the transport arrangements for servicing the site.

The completed and signed CMP should address how any impacts associated with the proposed works will be mitigated and manage the cumulative impacts of construction in the vicinity of the site. The level of detail included in a CMP will depend on the scale and kind of development. Further policy guidance is set out in Camden Planning Guidance **(CPG)** 6: Amenity and **(CPG)** 8: Planning Obligations

This CMP follows the best practice guidelines in Transport for London's (TfL's Standard for Construction Logistics and Cyclist Safety (**CLOCS**) scheme) and Camden's Minimum Requirements for Building Construction **(CMRBC)**.

The approved contents of this CMP must be complied with unless otherwise agreed with the Council. The project manager shall work with the Council to review this CMP if problems arise in relation to the construction of the development. Any future revised plan must also be approved by the Council and complied with thereafter.

It should be noted that any agreed CMP does not prejudice or override the need to obtain any separate consents or approvals such as for road closures or hoarding licences.

If your scheme involves any demolition, you need to make an application to the Council's Building Control Service. Please complete the "Demolition Notice"

Please complete the questions below with additional sheets, drawings and plans as required. The boxes will expand to accommodate the information provided, so please provide as much information as is necessary.

(Note the term 'vehicles' used in this document refers to all vehicles associated with the implementation of the development, e.g. demolition, site clearance, delivery of plant & materials, construction, etc.)

Section 1 – Site Contacts

Q1. Please provide the full postal address of the site and the planning reference relating to the Construction works.

Site Address: 41 Frognal, London Borough of Camden, London, NW3 6YD

Planning application reference:

Type of CMP – Draft CMP to accompany planning application

Q2. Please provide contact details for the person responsible for submitting the CMP

Name: Peter Sturgeon

Address: Motion, 8 Duncannon Street, London, WC2N 4JF

Tel: 020 7031 8141

Email: psturgeon@motion-uk.co.uk

Q3. Please provide the registered contact address details for the main contractor responsible for undertaking the works.

Name: To be completed following the appointment of a contractor.

Address:

Tel:

Email:

Q4. Please provide full contact details of the site and project manager responsible for day-to-day management of the works.

Name: To be completed following the appointment of a contractor.

Address:

Tel:

Email:

Q5. Please provide full contact details of the person responsible for dealing with any complaints from local residents and businesses, etc. In the case of Community Investment Programme (CIP), please provide contact details of the responsible Camden officer.

Name: To be completed following the appointment of a contractor.

Address:

Tel:

Email:

Q6. Please provide full contact details of the person responsible for community liaison if different to above.

Name: To be completed following the appointment of a contractor.

Address:

Tel:

Email:

Q7. Please provide full contact details including the address where the main contractor accepts receipt of legal documents for the person responsible for the implementation of the CMP.

Name: To be completed following the appointment of a contractor.

Address:

Tel:

Email:

Section 2 – About the Site

Q8. Please provide a site location plan and a brief description of the site, surrounding area and development proposals for which the CMP applies.

The application site is located on Frognal, within the London Borough of Camden approximately 400 metres north east of Finchley Road and Frognal train station and the junction between Frognal and the A41. The site is located opposite University College School and the area surrounding the property is predominantly residential. The site benefits from a driveway which is accessed from Frognal. The proposals include the construction of a new upper storey to the property, the construction of a single-storey basement and the addition of a separate 1 bed, 2 two storey residential unit in place of the existing garage.

Q9. Please provide a very brief description of the construction works including the size and nature of the development and details of the main issues and challenges (e.g. narrow streets, close proximity to residential dwellings).

Construction works will include the addition of a new upper storey to the property, the construction of a single-storey basement and the addition of a separate 1 bed, 2 two storey residential unit in place of the existing garage.

In the vicinity of the site Frognal is a single lane carriageway subject to a 20mph speed limit. A zebra crossing with a kerb build out and raised table is situated approximately 3 metres to the north of the site access. The zig zag markings extend over the entrance to the property. The property is bound to the north, west and south by adjacent residential properties. The site is located opposite a school and thus measures will need to be put in place to mitigate against disruption to the function of the school, especially during morning and afternoon drop off/pick up times.

Q10. Please identify the nearest potential receptors (dwellings, business, etc.) likely to be affected by the activities on site (i.e. noise, vibration, dust, fumes, lighting, etc.).

The house is a detached property with a large garden and trees surround the site on all sides. The site is bound to the north, west and south by residential properties which will be the nearest potential receptors likely to be affected by the activities onsite. Full details of the necessary mitigation measures will be provided by a contractor.

Q11. Please provide a scaled plan detailing the local highway network layout in the vicinity of the site. This should include details of on-street parking bay locations, cycle lanes, footway extents and proposed site access locations.

Motion drawing 150228-01 shows the existing highway arrangement in the vicinity of the site.

Q12. Please provide the proposed start and end dates for each phase of construction as well as an overall programme timescale. (A Gantt chart with key tasks, durations and milestones would be useful).

As planning approval has yet to be granted, the programme below provides an indication of the duration of each phase of the works. The programme will be updated with the dates envisaged for each phase of works once planning permission has been granted and the date for works to start on site has been determined. At present it is envisaged that the total project duration will be approximately 94 weeks.

Phase	Weeks
Site Setup	4
Excavation	30
Structural Works	30
Non-Structural Works/ Internal Fit Out/ Site Clear Up	30

Q13. Please confirm the standard working hours for this site, noting that the standard working hours for construction sites in Camden are as follows:

- **8.00am to 6pm on Monday to Friday**
- **8.00am to 1.00pm on Saturdays**
- **No working on Sundays or Public Holidays**

The provisional working hours for the site will be between 0800 and 1800 Monday to Friday, 0800 and 1300 on Saturdays.

Q14. Please indicate if any changes to services are proposed to be carried out that would be linked to the site during the works (i.e. connections to public utilities and/or statutory undertakers' plant). Larger developments may require new utility services. If so, a strategy and programme for coordinating the connection of services will be required. If new utility services are required, please confirm which utility companies have been contacted (e.g. Thames Water, National Grid, EDF Energy, BT. etc.) You must explore options for the utility companies to share the same excavations and traffic management proposals. Please supply details of your discussions.

There are not expected to be any changes to services as a result of the development proposals. This will be confirmed by a contractor once appointed.

Q15. Please confirm when an asbestos survey was carried out at the site and include the key findings.

An asbestos survey was carried out by Ace Asbestos Limited on the 12th June 2014. A register of inspections was provided in the report and assigned one of the following 3 status reports for each location within the building:

a) Asbestos Detected, with the type of material identified
b) No Asbestos Detected
c) No access provided. These locations should be treated as if asbestos was detected.

It stated in the Asbestos Survey Report that:
"Given the way in which asbestos containing materials have been used in concealed and composite structures during the construction of buildings, asbestos may only be detected during the course of subsequent demolition.
Care should be exercised during the demolition of ceiling, cavity walls and removal of floorboards, in case concealed features, such as piped services and fire-resistant linings are present."

The key findings of the survey are set out below whilst full survey results have been appended to this CMP:

Roofing felt
No asbestos detected and no further action is required.

Bitumen
Bitumen taken from the loft hatch on the flat roof: No asbestos detected and no further action is required.

Panelling and Debris
Panelling and debris taken from water tank housing: Contains Amosite (brown asbestos) and Chrysotile (white asbestos).
This material must be removed prior to refurbishment.

Panelling
Panelling to fireplace taken from the lounge on the ground floor contains Chrysotile (white asbestos).
This material must be removed prior to refurbishment.

Panelling to ceiling
Panelling to ceiling taken from the garage on the ground floor contains Amosite (brown asbestos) and Chrysotile (white asbestos.
This material must be removed prior to refurbishment.

Felt
Felt taken from the upper side wall of the garage does not contain asbestos and therefore no further action is required)

Panelling
Panelling to the lower side windows taken externally has proven positive to contain Chrysotile (white asbestos).
This material must be removed prior to refurbishment.

Flue pipe to chimney
Visual inspection – Chrysotile (white asbestos) presumed.

Water tank housing
Visual inspection – Chrysotile (white asbestos) presumed.

Section 3 – Transportation Issues Associated with the Site

Q16. Please provide a brief description of the proposed working hours within which vehicles will service the site during the construction period (Refer to the *Guide for Contractors Working in Camden*). Construction vehicle movements are generally acceptable between 9.30am to 4.30pm on weekdays and between 8.00am and 1.00pm on Saturdays). If there is a school in the vicinity of the site or on the proposed access and/or egress routes, then deliveries must be restricted to between 9.30am and 3pm on weekdays during term time. Construction vehicles must be managed and prevented from causing obstructions to the highway.

Deliveries to the site will take place between the hours of 0930 and 1500 on a weekday during term time and 0800 and 1300 on a Saturday. Outside of term time, deliveries will be limited to between 0930 and 1630 on weekdays and between 0800 and 1300 on a Saturday. Deliveries will be scheduled to distribute vehicle movements throughout these hours and to avoid more than one vehicle delivering to the site at any one time. All servicing will occur on site and no vehicles will be allowed to stop on the public highway. All deliveries are to be booked in with the Construction Project Manager at least 24 hours before and drivers will be instructed to phone 20 minutes prior to arriving on site to confirm the loading area is clear.

Q17. Please provide details of the typical sizes of all vehicles and the approximate frequency and times of day when they will need access to the site, for each phase of construction. You should estimate the average daily number of vehicles during each major phase of the work, including their dwell time at the site. High numbers of vehicles per day and/or long dwell times may require vehicle holding procedures. You will need to consider whether the roads on the route(s) to and from the site are suitable for the size of vehicles to be used. Please provide details of other known developments in the local area or on the route.

The type and method of deliveries will be confirmed by the appointed contractor, however, the type of vehicles anticipated to visit the site are detailed below. All vehicles will be accommodated within the site boundary:

- **4 axle, 32 tonne G.V.W, Grab Lorry**
  This will be up to 10 metres in length and 2.5 metres in width and 2.9 metres in height and will be used to remove spoil from the site during the excavation phase of the project. The typical dwell time of the vehicle will be 15-30 minutes and up to 4 vehicles per day could be expected on site during the excavation phase of the project.
- **4 axle, 32 tonne G.V.W, Tipper**
  This will be up to 10 metres in length and 2.5 metres in width and 2.9 metres in height and will be used during the structural works and fit out phases to transport loose material and ballast to the site
- **3 axle, 26 tonne G.V.W, Concrete lorry**
  This will be up to 8.3 metres in length with a width of 2.5m and a height of 4.0m. Deliveries will take place during the structural phase of the programme and we anticipate a maximum of 3 vehicles on the day of pouring. These occurrences are likely to happen every 3-4 days during this phase of the works with an estimated dwell time of 30 minutes.
- **4 wheel, 3 tonne G.V.W, Flat-bed truck**
  The approximate size will be 7m long by 2.25m wide. Deliveries will be used to deliver various materials including scaffolding, steelwork, timber, reinforcement, brick and block work, roofing materials, plaster, joinery etc. Deliveries are likely to be expected once every 1-2 days during the site setup, structural works and fit out/clear up phases of the programme with an approximate dwell time of 30 minutes.
- **Box van (luton)**
  This will be a vehicle with a length up to 4.8m in length with a maximum width of 2.0m. We anticipate 1-2 deliveries per day throughout the setup and fit out phases of the works with an anticipated dwell time of 30 minutes.

The maximum number of deliveries per day will be limited to 4 although it is expected that an average of 2-3 deliveries will be expected daily throughout the duration of the works.

We are aware of consented developments at numbers 1A, 2, 28, 40, 50 and 63 Frognal. The Construction Project Manager will liaise with the Project Managers of the consented developments to ensure that deliveries are coordinated where possible. The contractor will continue to monitor the progress of planning applications in the area and will ensure that deliveries are coordinated with any consented schemes if appropriate.

Q18. Please provide details of any temporary structures which would overhang the public highway (e.g. scaffolding, gantries, cranes etc.)

No temporary structures will overhang the public highway.

Q19. Please provide details of hoarding requirements or any other occupation of the public highway.

No hoarding will be required on the public highway. Secure and lockable hoarding will be provided around the property within the boundary of the site. Motion Drawing 150238-02 shows the proposed location of the hoarding.

Q20. Please provide accurate scaled drawings of any highway works necessary to enable construction to take place (e.g. construction of temporary vehicular accesses). Use of the public highway for storage, site accommodation or welfare facilities is at the discretion of the Council and is generally not permitted. If you propose such use you must supply full justification, setting out why it is impossible to allocate space on-site. You must submit a detailed (to-scale) plan showing the impact on the public highway including; the extent of hoarding, pedestrian routes, parking bay suspensions and remaining road width for vehicle movements. We prefer not to close footways but if this is unavoidable, you should submit a scaled plan of the proposed diversion route showing key dimensions. Please provide details of all safety signage, barriers and accessibility measures such as ramps and lighting etc.

No highway works will be necessary to enable construction to take place. All materials will be stored onsite.

Q21. Please provide details of any proposed parking bay suspensions and temporary traffic management orders which would be required to facilitate construction. If construction vehicles cannot access the site, details are required on where they will wait to load/unload.

No proposed parking bay suspensions or temporary traffic management orders are required.

Section 4 - Traffic Management for the Site

Q22. Please provide details describing how pedestrian and cyclist safety will be maintained, including any proposed alternative routes (if necessary), and any Banksman and/or Traffic Marshall arrangements. You should supply details of any diversion, disruption or other anticipated use of the public highway during the construction period (alternatively a plan may be submitted). Vulnerable footway users include wheelchair users, the elderly, people with walking difficulties, young children, people with prams, blind and partially sighted people, etc. A secure hoarding will generally be required to the site boundary with a lockable access. Any work above ground floor level may require a covered walkway adjacent to the site. A licence must be obtained for scaffolding and gantries. The adjoining public highway must be kept clean and free from obstructions. Lighting and signage should be used on temporary structures/ skips/ hoardings, etc. Appropriate ramping must be used if cables, hoses, etc. are run across the footway.

The potential risks to both cyclists and pedestrians have been considered and vehicles with appropriate safety equipment will be used. It will be required that drivers must have undertaken a cyclist safety awareness course. In addition, all movements into and out of the site will be supervised by trained banksmen in order to manage the interaction between construction vehicles and other road users.

Due to the close proximity of the site to the school, all deliveries will be limited on weekdays to between 0930 and 1500 during term time in order to avoid school pick up and drop off times.

A lockable and secure hoarding will be used within the site boundary.

Q23. Please detail the proposed access and egress routes to and from the site, showing details of links to the Transport for London Road Network (TLRN). Such routes should be indicated on a drawing or diagram showing the public highway network in the vicinity of the site. Consideration should also be given to weight restrictions, low bridges and cumulative impacts of construction (including neighbouring construction sites) on the public highway network. Consideration should be given to any major trip generators (e.g. schools, offices, public buildings, museums, etc.) on the route, and how any problems can be avoided or mitigated.

Vehicles will access the site from the A41 and travel eastbound on Arkwright Road making a left turn onto Frognal. Vehicles will enter the site via a left turn from Frognal. Vehicles will exit the site onto Frognal and will travel southbound making a right turn onto Arkwright Road. Vehicles will then re-join the A41. All vehicles will enter and exit the site in a forward gear. A vehicle routing plan is shown in Appendix A. Due to the proximity of the site to a school, deliveries will be limited to between 0930 and 1500 on weekdays during term time in order to avoid school pick up and drop off times.

Q24. Please describe how the access and egress arrangements for construction vehicles will be managed. Confirm how contractors, delivery companies and visitors will be made aware of the route (to and from the site) and of any on-site restrictions, prior to undertaking journeys.

All contractors, delivery companies and visitors will be advised of and required to adhere to the specified route and all the other terms in this plan. All traffic associated with the development will be managed by the Construction Project Manager. The following measures will be put in place:

- All deliveries shall be pre booked and allocated set arrival times.
- Delivery instructions shall be sent to all suppliers and contractors including the maximum dwell times
- Suitably qualified banksmen will be present on site at all times to manage the interaction between construction vehicles, other road users and pedestrians.
- Suppliers shall call the Construction Project Manager a minimum of 20 minutes before their vehicle arrives at site to confirm that there is space to accommodate the vehicle.
- If loading space is unavailable construction vehicles shall not proceed to the site and will be given an alternative delivery slot.
- Vehicles shall not wait or stack on any road within the Borough.
- The loading/collection area within the site shall be clear of vehicles and materials before the next lorry arrives.

Q25. Please provide details of the parking and loading arrangements for construction vehicles with regard to servicing and deliveries associated with the site (e.g. delivery of materials and plant, removal of excavated material). This is required as a scaled site plan, showing all points of access and where materials, skips and plant will be stored, and how vehicles will access and egress the site.

Construction vehicles will park and load within the site boundary. Construction vehicles will enter the site using the existing driveway to the property and will reverse into a dedicated loading area toward the eastern boundary of the site. All reversing movements will be undertaken off the public highway and will be supervised by trained banksmen. Suitable ground protection will be provided such as ground-guards which will act to spread the load of heavy construction vehicles and will protect the underlying ground from compaction and the will also protect tree roots from damage.

All materials will also be stored on-site. The property benefits from a large back garden which is clear of any tree root protection areas and thus will be used for the storage of building materials. An additional materials storage area will be provided outside the front of the existing garage. Materials will be transferred to this area before being transferred through the property to the rear garden.

It is estimated that approximately 5250 cubic metres of material will be excavated to create the additional basement level and swimming pool. This is considered a robust estimate and includes consideration of a bulking factor of 1.4 to account for the increase in volume when spoil is disturbed. Delivery materials to the main loading area at eastern boundary of the site may be loaded directly into small dumpers which will use the existing driveway to access the garage storage area. Materials may be stored for a short time before being transferred to the rear of the property.

Drawing 150238-02 shows the proposed site plan showing where materials and plant will be stored. Motion Drawing 150228-TK01 shows how vehicles will access and egress the site.

Q26. Please provide swept path drawings for any tight manoeuvres on vehicle routes to and from the site including proposed access and egress arrangements at the site boundary (if necessary).

Motion Drawing 150228-TK01 showing swept path analysis of 10m tipper entering the site from Frognal, reversing into the dedicated loading area and exiting the site in a forward gear.

Section 5 – Environmental Issues

To answer these sections please refer to the relevant sections of **Camden's Minimum Standards for Building Construction** (CMRBC).

Q27. Please provide details of the times of noisy operations, outlining how the construction works are to be carried out.

The following measures will be implemented:

- Noisy work will be restricted to between 0800 and 1800 Monday to Friday and between 0800 and 1300 on Saturdays. No works will be carried out on Sundays and Bank Holidays.
- In order to reduce the effect of noisy works on the adjacent school, where practical and possible, contractors will use well-maintained and silenced plant and equipment including compressors, generators and power tools.

Q28. Please confirm when the most recent noise survey was carried out (before any works were carried out) and provide a copy. If a noise survey has not taken place please indicate the date (before any works are being carried out) that the noise survey will be taking place, and agree to provide a copy.

A noise survey will be carried out following the appointment of a contractor.

Q29. Please provide predictions for noise and vibration levels throughout the proposed works.

Details to be provided following the appointment of a contractor.

Q30. Please provide details describing mitigation measures to be incorporated during the construction/demolition works to prevent noise and vibration disturbances from the activities on the site, including the actions to be taken in cases where these exceed the predicted levels.

Details to be provided following the appointment of a contractor.

Q31. Please provide evidence that staff have been trained on BS 5228:2009

Details to be provided following the appointment of a contractor.

Q32. Please provide details on how dust nuisance arising from dusty activities, on site, will be prevented.

Hoardings bordering the frontage of the property along Frognal will help contain any dust. Where required, scaffolding and sheeting can be erected to further contain dust. Water dampening measure will also be used if considered necessary. More details will be provided by a contractor once appointed.

Q33. Please provide details describing how any significant amounts of dirt or dust that may be spread onto the public highway will be prevented and/or cleaned.

Ground protection sheeting will mean that the potential from material transfer from the site to the carriageway will be limited. Wheel wash facilities will also be provided onsite if necessary for delivery and muck away vehicles in order to limit the potential for any transfer of material from the site.

Q34. Please provide details describing arrangements for monitoring of noise, vibration and dust levels.

Details to be provided following the appointment of a contractor.

Q35. Please confirm that a Risk Assessment has been undertaken in line with the GLA's Control of Dust and Emissions Supplementary Planning Guidance (SPG), and the risk level that has been identified, with evidence.

Details to be provided following the appointment of a contractor.

Q36. Please confirm that all relevant mitigation measures from the SPG will be delivered onsite.

Confirmation will be made following the appointment of a contractor.

Q37. If the site is a High Risk Site, 4 real time dust monitors will be required, as detailed in the SPG. Please confirm that these monitors will be installed 3 months prior to the commencement of works, and that real time data and quarterly reports will be provided to the Council detailing any exceedances of the threshold and measures that were implemented to address these.

Details to be provided following the appointment of a contractor.

Q38. Please provide details about how rodents, including rats, will be prevented from spreading out from the site. You are required to provide information about site inspections carried out and copies of receipts (if work undertaken).

Details to be provided following the appointment of a contractor.

Section 6 – Monitoring, Compliance, Reporting and Consultation about Traffic and Activities related to the Site

(Refer to Tfl best practice guidance and (CMRBC) sections: noise operations, abatement techniques, noise levels, vibration levels, dust levels, rodent control, community liaison, etc.)

Q39. Please provide details describing how traffic associated with the development will be managed in order to reduce/minimise traffic congestion. Deliveries should be given set times to arrive, dwell and depart. Delivery instructions should be sent to all suppliers and contractors. Trained site staff must assist when delivery vehicles are accessing the site, or parking on the public highway adjacent to the site. Banksmen must ensure the safe passage of pedestrians, cyclists and motor vehicular traffic in the street when vehicles are being loaded or unloaded. Vehicles should not wait or circulate on the public highway. An appropriate location outside the borough may need to be identified, particularly if a large number of delivery vehicles are expected.

All traffic associated with the development will be managed by the Construction Project Manager. The following measures will be put in place:

- All deliveries shall be pre booked and allocated set arrival times.
- Delivery instructions shall be sent to all suppliers and contractors including the maximum dwell times
- Suitably qualified banksmen will be present on site at all times to manage the interaction between construction vehicles, other road users and pedestrians.
- Suppliers shall call the Construction Project Manager a minimum of 20 minutes before their vehicle arrives at site to confirm that there is space to accommodate the vehicle.
- If loading space is unavailable construction vehicles shall not proceed to the site and will be given an alternative delivery slot.
- Vehicles shall not wait or stack on any road within the Borough.
- The loading/collection area within the site shall be clear of vehicles and materials before the next lorry arrives.

Q40. Please provide details of any other measures designed to reduce the impact of associated traffic (such as the use of construction material consolidation centres).

The contractor will investigate the potential for using construction material consolidation centres and other measures such as electric vehicles to reduce the impact of traffic associated with the development works.

Q41. Please provide details of consultation on a draft CMP with local residents, businesses, local groups (e.g. residents/tenants and business associations) and Ward Councillors. Details should include who was consulted, how the consultation was conducted and a summary of the comments received in response to the consultation. In response to the comments received, the CMP should then be amended where appropriate and where not appropriate a reason should be given. The revised CMP should also include a list of all the comments received. Developers are advised to check proposed approaches to consultation with the Council before carrying it out.

TBC

Q42. Please provide details of community liaison proposals including any Construction Working Group that will be set up, addressing the concerns of the community affected by the works. Please confirm how the contact details of the person responsible for community liaison will be advertised to the local community and how the community will be updated on the upcoming works i.e. in the form of a newsletter/ letter drop, or weekly drop in sessions for residents.

Details will be provided following the appointment of a contractor.

Q43. Please provide details of any schemes such as the 'Considerate Constructors Scheme', the 'Freight Operators Recognition Scheme' or 'TfLs Standard for construction logistics and cyclist safety – CLOCS scheme' that the project will be signed up to. Note, the CLOCS standard should be adhered to and detailed in response to question 46. Such details should form part of the consultation and be notified to the Council. Contractors will also be required to follow the "Guide for Contractors Working in Camden" also referred to as "Camden's Considerate Contractors Manual".

Details will be provided following the appointment of a contractor.

Q44. Complaints often arise from the conduct of builders in an area. Please confirm steps being taken to minimise this e.g. provision of suitable smoking area, tackling bad language and unnecessary shouting.

Details will be provided following the appointment of a contractor.

Q45. Please provide a plan of existing or anticipated construction sites in the local area and please state how your CMP takes into consideration and mitigates the cumulative impacts of construction in the vicinity of the site.

We are aware of consented developments at numbers 1A, 2, 28, 40, 50 and 63 Frognal. The Construction Project Manager will liaise with the Project Managers of the consented developments to ensure that deliveries are coordinated where possible. The contractor will continue to monitor the progress of planning applications in the area and will ensure that deliveries are coordinated with any consented schemes if appropriate.

Q46. Please provide details to confirm that all contractors and sub-contractors operating large vehicles over 3.5 tonnes will meet all of the following conditions, as outlined in the CLOCS Standard

OPERATIONS:

- **Quality operation**: accreditation via an approved fleet management audit scheme e.g. Fleet Operator Recognition Scheme (FORS) or equivalent.
- **Collision reporting and analysis**: of any collision involving injury to persons, vehicles or property, ideally including use of the CLOCS Manager collision reporting tool.
- **Traffic routing**: any route specified by the client is adhered to unless otherwise specified.

i. **VEHICLES:**

- **Warning signage**: warning cyclists of the dangers of passing the vehicle on the inside
- **Side under-run protection**: fitted to all vehicles over 3.5 tonnes which are currently exempt
- **Blind spot minimisation**: front, side and rear blind-spots completely eliminated or minimised as far as is practical and possible
- **Vehicle manoeuvring warnings**: enhanced audible means to warn other road users of a vehicle's left hand turn or other manoeuvres

ii. **DRIVERS:**

- **Training and development**: approved progressive training and continued progressive training especially around vulnerable road users (including for drivers excluded from Certificate of Professional Competence requirements)
- **Driver licensing**: regular checks and monitoring of driver endorsements and that drivers hold the correct licence for the correct vehicle

STANDARD FOR CONSTRUCTION CLIENTS

- **Construction logistics/management plan**: is in place and fully complied with – as per this document.
- **Suitability of site for vehicles fitted with safety equipment**: that the site is suitably prepared for vehicles fitted with safety equipment to drive across.
- **Site access and egress**: should be carefully managed, signposted, understood and be clear of obstacles.
- **Vehicle loading and unloading**: vehicles should be loaded and unloaded on-site as far as is practicable.
- **Traffic routing**: should be carefully considered, risk assessed and communicated to all contractors and drivers.
- **Control of site traffic, particularly at peak hours**: other options should be considered to plan and control traffic, to reduce traffic at peak hours.
- **Supply chain compliance**: contractors and sub-contractors throughout the supply chain should comply with requirements 3.1.1 to 3.3.2.

Details to be provided following the appointment of a contractor.

Q47. Please provide details of any other relevant information with regard to traffic and transport (if appropriate).

N/A

The agreed contents of this Construction Management Plan must be complied with unless otherwise agreed with the Council. The project manager shall work with the Council to review this Construction Management Plan if problems arise in relation to the construction of the development. Any future revised plan must be approved by the Council and complied with thereafter.

It should be noted that any agreed Construction Management Plan does not prejudice further agreements that may be required such as road closures or hoarding licences.

Signed: …… **Date:** ……..

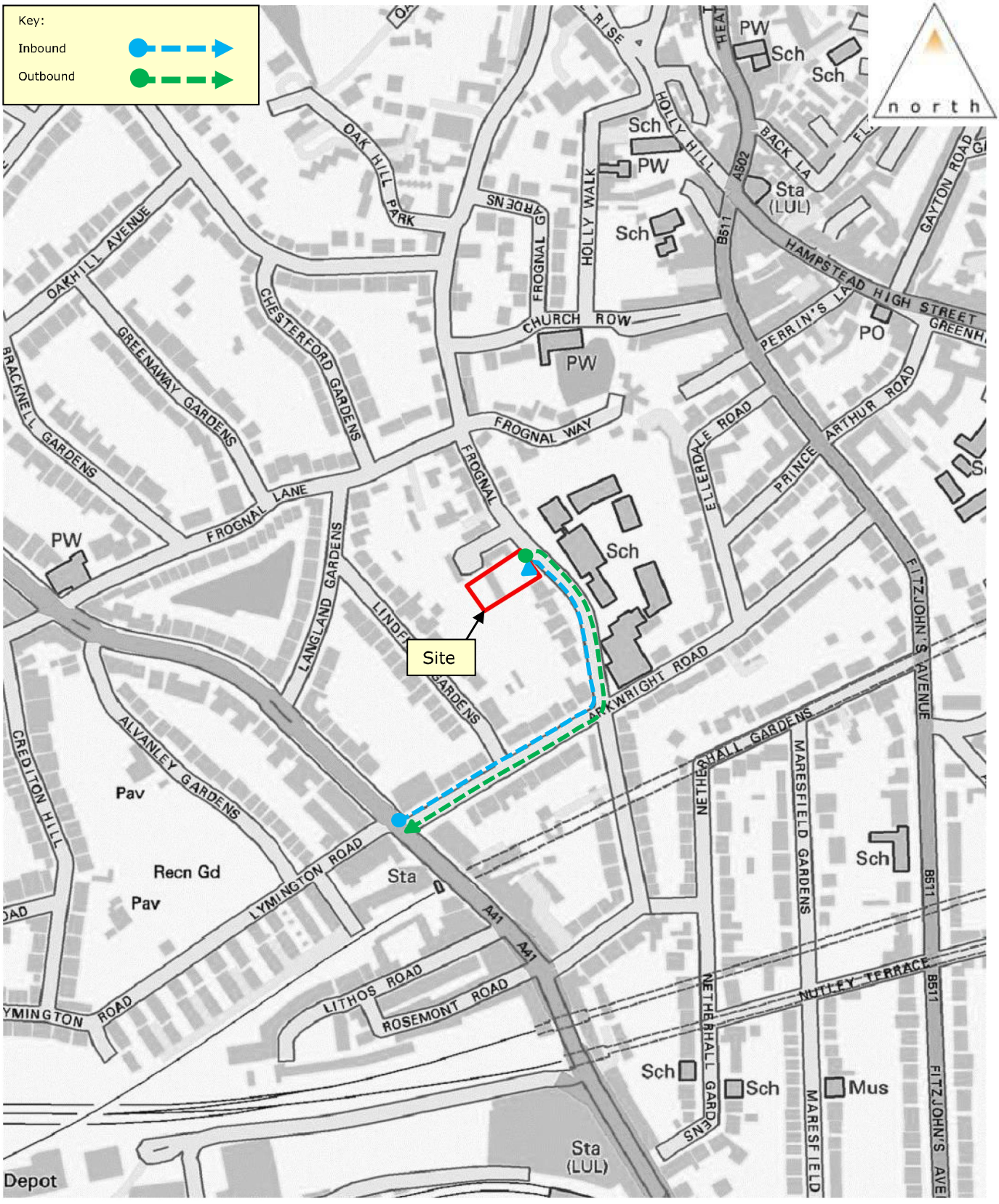
Print Name: ……. **Position:** ……

Submit: planningobligations@camden.gov.uk

End of form

Appendix A

Vehicle Routing Plan



motion

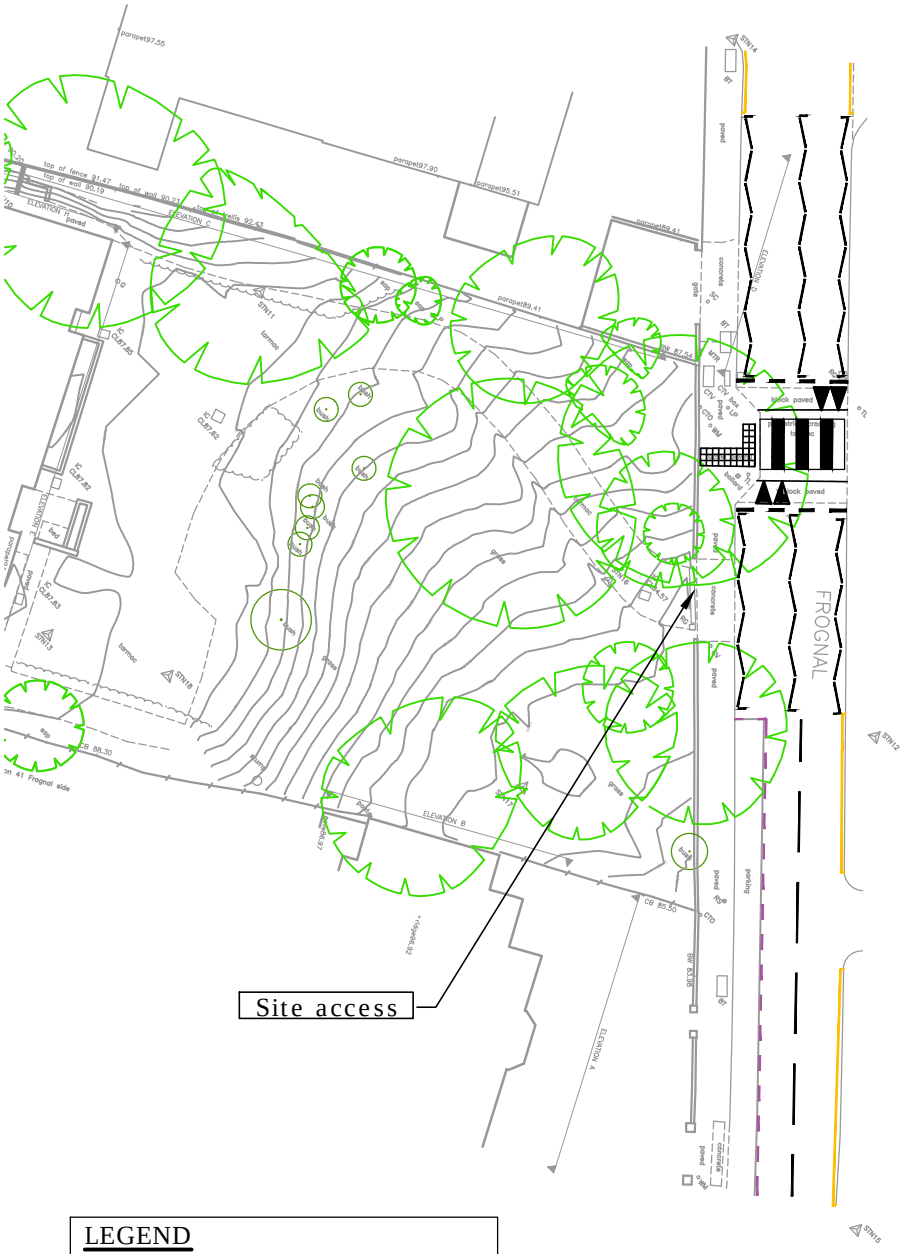
41 Frognal

Vehicle Routeing Plan

Not to Scale

Appendix B

Existing Highway Layout



LEGEND

Resident Permit Holder Bay

motion

232 High Street
Guildford
Surrey
GU1 3JF

T: 01483 531 300

Golden Cross House
8 Duncannon Street
London
WC2N 4JF

T: 020 7031 8141

www.motion-uk.co.uk

Project:
41 Frognal

Title:
Existing Highway Arrangement

Scale: 1:500 (@ A4)

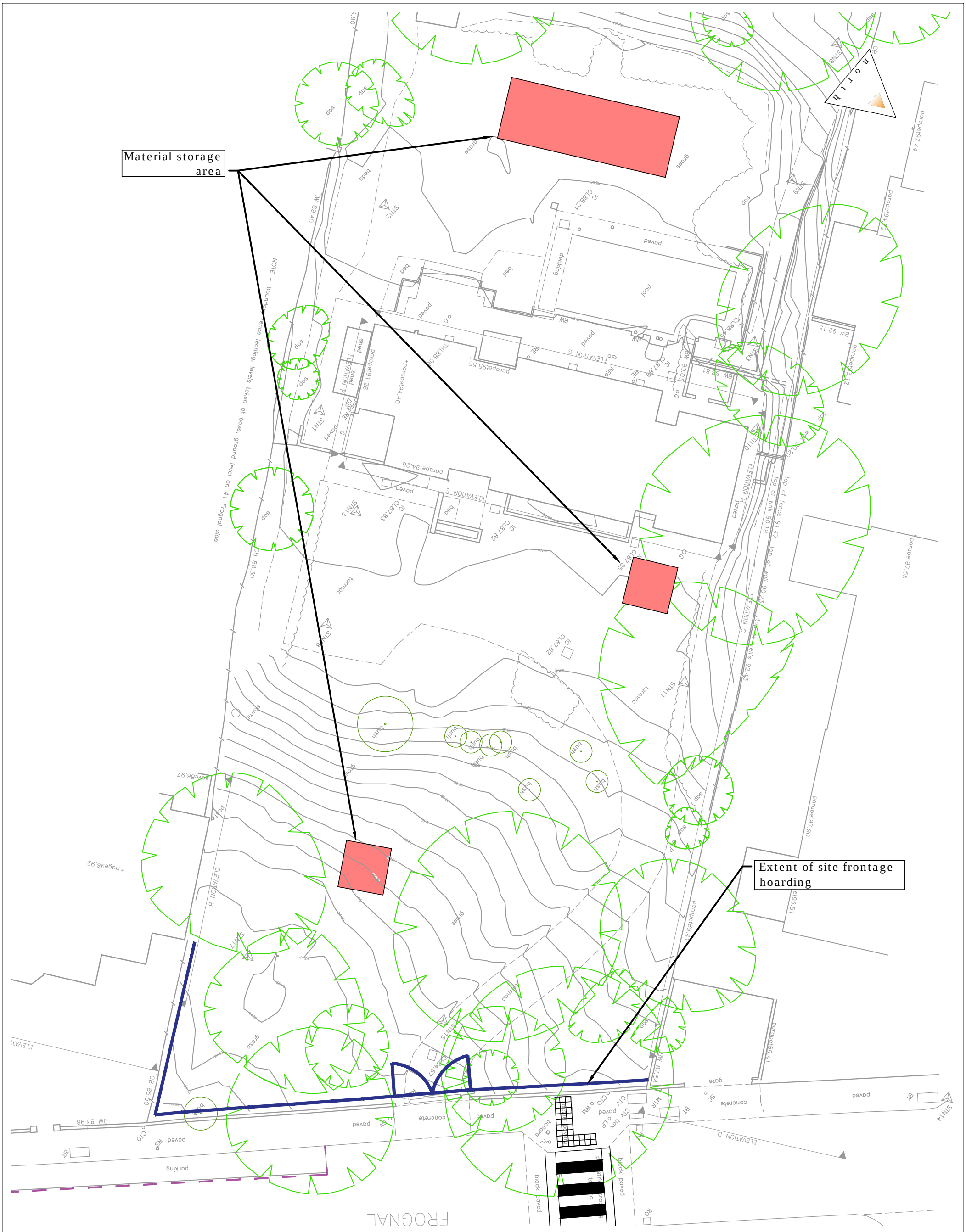
Drawing: 150228-01

Revision: -

L:\Projects\ewfrog 150238\Drawings\150228-02.dwg

Appendix C

Material Storage Plan



motion

232 High Street
Guildford
Surrey
GU1 3JF

T: 01483 531 300

Golden Cross House
8 Duncannon Street
London
WC2N 4JF

T: 020 7031 8141

www.motion-uk.co.uk

Project:
41 Frognal

Title:
Material Storage Plan

Scale: 1:250 (@ A3)

Notes:

Drawing:
150238-02

Revision:
-

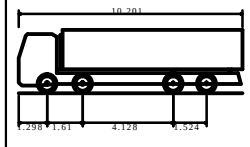
L:\Projects\ewfrog 150238\Drawings\150228-02.dwg

Appendix D

Swept Path Analysis

IN

OUT



Large Tipper	
Overall Length	10.201m
Overall Width	2.500m
Overall Body Height	2.893m
Min Body Ground Clearance	0.343m
Max Track Width	2.500m
Lock to Lock Time	6.00s
Kerb to Kerb Turning Radius	11.550m

motion

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WC2N 4JF

T: 020 7031 8141

www.motion-uk.co.uk

Project:
41 Frognal

Title:
Swept Path Analysis
Large Tipper

Scale: 1:250 (@ A3)

Notes:

Drawing:
150228-TK01

Revision:
A

L:\Projects\ewfrog 150238\Drawings\150228-01.dwg

Appendix E

Asbestos Survey Results

Asbestos Surveys and Removal

Finchley House Business Centre
707 High Road Finchley, London N12 0BT
Tel: 020 8492 3910/ 020 3002 0447 info@aceasbestos.com

Refurbishment and Demolition Asbestos Survey

41 Frognal
Hampstead London
NW3 6YD

Ref: ACE698

12th June 2014

Sample Analysis by Independent UKAS Accredited Laboratory

LIST OF CONTENTS

1.0 SUMMARY

Ace Asbestos Limited was requested by Throne Builder Service Ltd to undertake a Refurbishment and Demolition Asbestos Survey of the premises at 41 Frognal, London NW3 6YD as the property is going to be redeveloped.

Mr Dave Ritchie carried out the survey on 12th June 2014.

Ace Asbestos Limited is a specialist Asbestos Surveying Consultancy providing a comprehensive service to professionals active in the property management and development sectors in accordance with the 'Control of Asbestos Regulations 2012.

1.1 Locations where asbestos has been detected

Ace Asbestos Limited has undertaken a Refurbishment and Demolition Asbestos Survey.

A register of inspections has been provided. The purpose of this section is to assign one of following three status reports for each location within the building:

a) Asbestos Detected, with the type of material identified in red,
b) No Asbestos Detected
c) No access provided. These locations should be treated as if asbestos was detected.

1.2 Ace Asbestos Limited - Brief Profile

Ace Asbestos Limited operates from offices in Central London. We are an Asbestos Surveying Consultancy that has tailored its services to provide cost effective solutions to the Health and Safety problems caused by Asbestos within buildings.

Following Regulation 4 of the Control of Asbestos Regulations (CAR) 2012, every non-domestic property has a duty to manage Asbestos in the workplace; this regulation has been implemented.

We will identify where asbestos is present in your building and provide risk assessments in accordance with government guidelines (HSG 264 and HSG 227).

We will provide you guidance in clear English and assist you in the implementation of the management plan.

Where asbestos is in such poor condition that the reasonable course of action is for it to be removed, we can help you find the right Asbestos removal contractor to undertake the project. Where asbestos is in good condition and can remain in situ, we offer an annual re-inspection plan.

The purpose of the re-inspection is to monitor the condition to ensure that the asbestos has not deteriorated over time (typically through impact or accidental damage) and that the statutory risk assessment associated with asbestos is up to date.

1.3 Contact Points at Ace Asbestos:

In the event of any queries please do not hesitate to contact us:

Dave Ritchie Technical Director	Mobile: 07832 110 482 Email: dave@aceasbestos.com
Office	Tel: 020 8492 3910/ 020 3002 0447 Email: info@aceasbestos.com

Report prepared by

Director

Report Reviewed by

Office Manager

2.0 SURVEY OBJECTIVES

The Health and Safety Executive has published a document entitled “Asbestos: The Survey Guide, HSG264”. This supports the Control of Asbestos Regulations 2012, which introduce an ***explicit*** duty to manage the risk from asbestos containing materials in premises.

This document contains practical guidance on surveying for asbestos containing materials in workplace premises and identifies three distinct categories of asbestos surveys:

Asbestos surveys within buildings are conducted as either part of the safe management of the day-to-day maintenance activities within the facility (i.e Management Survey) or as part of the planned demolition or refurbishment of the building (i.e. Refurbishment and Demolition Surveys).

2.1 Management Survey

A management survey is the standard survey. Its purpose is to locate, as far as reasonably practicable, the presence and extent of any suspect ACMs in the building which could be damaged or disturbed during normal occupancy, including foreseeable maintenance and installation, and to assess their condition.

Management surveys should cover routine and simple maintenance work. However it has to be recognised that where ‘more extensive’ maintenance or repair work is involved, there may not be sufficient information in the management survey and a localised refurbishment survey will be needed. **A refurbishment survey will be required for all work which disturbs the fabric of the building** in areas where the management survey has not been intrusive. The decision on the need for a refurbishment survey should be made by the duty holder.

2.2 Refurbishment and Demolition Survey

A refurbishment and demolition survey is needed before any refurbishment or demolition work is carried out. This type of survey is used to locate and describe, as far as reasonably practicable, all ACMs in the area where the refurbishment work will take place or in the whole building if demolition is planned. The survey will be fully intrusive and involve destructive inspection, as necessary, to gain access to all areas, including those that may be difficult to reach. A refurbishment and demolition survey may also be required in other circumstances, e.g. when more intrusive maintenance and repair work will be carried out or for plant removal or dismantling.

There is a specific requirement in CAR 2012 (regulation 7) for all ACMs to be removed as far as reasonably practicable before major refurbishment or final demolition. Removing ACMs is also appropriate in other smaller refurbishment situations which involve structural or layout changes to buildings (e.g. removal of partitions, walls, units etc). In this type of survey, where the asbestos is identified so that it can be removed (rather than to 'manage' it), the survey does not normally assess the condition of the asbestos, other than to indicate areas of damage or where additional asbestos debris may be present. However, where the asbestos removal may not take place for some time, the ACMs' condition will need to be assessed and the materials managed.

Refurbishment and demolition surveys are intended to locate all the asbestos in the building (or the relevant part), as far as reasonably practicable. It is a disruptive and fully intrusive survey which may need to penetrate all parts of the building structure.

Aggressive inspection techniques will be needed to lift carpets and tiles, break through walls, ceilings, cladding and partitions, and open up floors. Refurbishment and demolition surveys should only be conducted in unoccupied areas to minimise risks to the public or employees on the premises. Ideally, the building should not be in service and all furnishings removed. For minor refurbishment, this would only apply to the room involved or even part of the room where the work is small and the room large. Under no circumstances should staff remain in rooms or areas of buildings when intrusive sampling is performed.

There may be some circumstances where the building is still 'occupied' (i.e. in use) at the time a 'demolition' survey is carried out. For example in the educational sector, refurbishment/demolition surveys may be conducted in schools or colleges during one closure period (e.g. holidays) and the work not undertaken until the next holiday period. Also, a demolition survey may be conducted to establish the economic future or viability of a building(s). The survey results would determine the outcome.

3.0 TYPE OF ASBESTOS SURVEY TO BE UNDERTAKEN

For the purposes of this project, we have undertaken a Refurbishment and Demolition Survey.

Given the eventual and substantial refurbishment of this site, we have not undertaken any re-instatement or made any reasonable damage to non-asbestos materials that may have occurred in the pursuit of our project objectives. It is also assumed that all asbestos containing materials that have been detected will be removed, and therefore risk assessments have not been prepared.

3.1 Elements surveyed within the building

In the absence of a specific brief from the client, the standard areas for inspection were:

Internal partitions
Boiler Flues
Beam casings
Soffits
Thermal insulation
Riser shafts
False ceilings
Door Panels
External roofs and gutters
Roof Spaces
Artex Coatings
Roof linings
Ceiling tiles
Ceiling return panels
Fire cells
Windowsills
Heater units
Bulkheads
Seals and gaskets
Drain pipes
Floor Spaces
Thermoplastic Floor Tiles

3.2 Areas and structures not included in the survey

Given the way in which asbestos containing materials have been used in concealed and composite structures during the construction of buildings, asbestos may only be detected during the course of subsequent demolition.

Care should be exercised during the demolition of ceiling, cavity walls and removal of floorboards, in case concealed features, such as piped services and fire-resistant linings are present.

Fire doors

Some fire doors may contain an inner sandwich layer of asbestos that is not often visible without partially dismantling doors. As this is not often possible, this should be borne in mind during fire door replacement, especially doors on boiler rooms, etc.

Floorboards

Areas beneath floorboards will not normally be accessed, unless specific arrangements are made with the client

Residues/Debris

Due to the nature of asbestos residues and debris that may be found within the scope of the survey being conducted, it is not possible to identify all asbestos residues/debris or areas of cross-contamination without extensive sampling as these residues are not normally visible to the naked eye. Where residues occur this is usually indicative of a poorly supervised asbestos removal; in this instance it would be prudent to ensure that clearance air monitoring arrangements are in place

Soil pipes

In some circumstances, asbestos has been used as a packing/jointing material to pipe collars. These are difficult to detect unless they are systemically and destructively tested.

Electrical switch gear and electrical storage heaters

It is common for heavy-duty fuse boxes to contain woven asbestos materials as a backing behind the fuses. Similarly, storage heaters can contain asbestos materials. For safety reasons these are not sampled but will be visually assessed if safe to do so.

Height Access Restrictions

Areas above a 3-metre height will not be examined unless others provide safe access.

4.0 ASBESTOS SURVEY METHODOLOGY

The objective was to identify asbestos materials by visual examination and where appropriate obtain representative samples for analysis. Analysis was achieved by employing standard polarised light microscopy and dispersion staining at the premises of our preferred Laboratory partner, in accordance with accreditation under the United Kingdom Accreditation Scheme (UKAS). Details can be provided upon request.

4.1 Bulk Sampling

Careful sampling procedures and techniques are important if the survey is going to be executed in a successful and safe manner.
It is important that the sampling activity is undertaken in such a manner that the following objectives are achieved:

- *A representative sample of the material is obtained. For example, with respect to thermal insulation, it is important that complete core samples, rather than superficial samples are obtained.*

- *Sampling is undertaken in such a way that cross-contamination is prevented and erroneous results are not produced.*

- *Sampling is undertaken in a manner that does not place the surveyor or any third party at risk. Careless sampling will give rise to the unnecessary release of asbestos.*

Further details on sampling and safety protocols are established in our "Code of Practice for Asbestos Surveying".

5.0 REGISTER OF INSPECTIONS

The Register of Inspections identifies the location by either room number or literal description, the area or element investigated and provides one of three status reports for each location within the building survey: a) asbestos detected, b) no asbestos detected and c) no access provided.
For the purposes of the safe management of the site, a no access provided report should be treated as presumed asbestos required.

6.0 ASBESTOS REGISTER

The Asbestos Register is provided with Management Surveys only and therefore does not apply to this survey report. The Register itemises those areas where asbestos containing materials have been detected and provides recommendations regarding subsequent management and remediation where required.

Post survey, this facility can be provided, in the form of a follow-on re-inspection service combined with an annual up-date of the register.

7.0 SAMPLE LIST

Sample reference 01 – Roofing felt

The bulk sample of roofing felt taken from the loft hatch on the flat roof has proven negative to contain asbestos, ***no asbestos detected,*** therefore no further action is required with this material.

Sample reference 02 – Bitumen

The bulk sample of bitumen taken from the loft hatch on the flat roof has proven negative to contain asbestos, ***no asbestos detected,*** *therefore* no further action is required with this material.

Sample reference 03 – Panelling & debris

The bulk sample of panelling & debris taken from the water tank housing has proven positive to contain ***Amosite (brown asbestos) & Chrysotile (white asbestos).***

Therefore this material must be removed prior to refurbishment.

Sample reference 04 – Panelling

The bulk sample of panelling to fireplace taken from the lounge on the ground floor has proven positive to contain ***Chrysotile (white asbestos).***

Therefore this material must be removed prior to refurbishment.

Sample reference 05 – Panelling to ceiling

The bulk sample of panelling to ceiling taken from the garage on the ground floor has proven positive to contain ***Amosite (brown asbestos) & Chrysotile (white asbestos).***

Therefore this material must be removed prior to refurbishment.

Sample reference 06 – Felt

The bulk sample of felt taken from the upper side wall of the garage has proven negative to contain asbestos, ***no asbestos detected,*** therefore no further action is required with this material.

Sample reference 07 – Panelling

The bulk sample of panelling to the lower side windows taken externally has proven positive to contain ***Chrysotile (white asbestos).***

Therefore this material must be removed prior to refurbishment.

8.0 PHOTOS

Sample 01 – Roofing felt to loft hatch - ***no asbestos detected.***

Sample 02 – Bitumen to loft hatch – flat roof - ***no asbestos detected.***

Sample 03 – Panelling & associated debris – water tank housing – ***Amosite (brown asbestos) & Chrysotile (white asbestos) detected.***

Sample 04 – Panels to fire place – lounge – ***Chrysotile (white asbestos) detected.***

Sample 05 – Panels to ceiling – garage – ***Amosite (brown asbestos) & Chrysotile (white asbestos) detected.***

Sample 06 – Felt to upper side wall – external – ***no asbestos detected.***

Sample 07 – Lower panels to side wall – external – ***Chrysotile (white asbestos) detected.***

Visual inspection - Flue pipe to chimney - flat roof - ***Chrysotile (white asbestos) presumed. Full extent unknown.***

Visual inspection – 2x Water tanks – water tank housing – ***Chrysotile (white asbestos) presumed.***

View of bathroom, ***no asbestos detected.***

View of store cupboard, ***no asbestos detected.***

View of staircase, ***no asbestos detected.***

APPENDIX A: REGISTER OF INSPECTIONS

Register of Inspections

Client	Throne Building Service LTD			
Site Details	41 Frognal			
	London			
	NW3 6YD			
Date of Survey	12th June 2014			
Surveyor	Dave Ritchie	Page 1 of 3	**Survey Type**	Refurbishment and Demolition

Location Ref	Location Description	Sample No. / Element Inspected	Type of Asbestos Detected	Notes
		ROOF		
01	FLAT ROOF	***Visual inspection – Flue pipe to chimney – FULL EXTENT UNKNOWN***	***CHRYSOTILE (WHITE ASBESTOS) PRESUMED***	Therefore this material must be removed prior to refurbishment
		Sample no. 01 – Roofing felt to loft hatch – 1 sq. metre	***NO ASBESTOS DETECTED***	No further action required with this material
		Sample no. 02 – Bitumen to loft hatch – 3 linear metres	***NO ASBESTOS DETECTED***	No further action required with this material
02	WATER TANK HOUSING	***As sample no. 01 – Roofing felt to loft hatch***	***NO ASBESTOS DETECTED***	No further action required with this material
		As sample no. 02 – Bitumen to loft hatch	***NO ASBESTOS DETECTED***	No further action required with this material
		Visual inspection – 2 x water tanks	***CHRYSOTILE (WHITE ASBESTOS) PRESUMED***	Therefore this material must be removed prior to refurbishment
		Sample no. 03 – Panelling and debris – 5 sq. metres	***AMOSITE (BROWN ASBESTOS) & CHRYSOTILE (WHITE ASBESTOS)***	Therefore this material must be removed prior to refurbishment
		1ST FLOOR		
03	MASTER BEDROOM	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
04	ENSUITE BATHROOM	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
05	BEDROOM TO FRONT	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
06	TOILET	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
07	BATHROOM	ALL ELEMENTS	***NO ASBESTOS DETECTED***	

Register of Inspections

Client	Throne Building Service LTD			
Site Details	41 Frognal			
	London			
	NW3 6YD			
Date of Survey	12th June 2014			
Surveyor	Dave Ritchie	Page 2 of 3	**Survey Type**	Refurbishment and Demolition

Location Ref	Location Description	Sample No. / Element Inspected	Type of Asbestos Detected	Notes
08	SMALL AIRING CUPBOARD	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
09	LARGE AIRING CUPBOARD	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
10	BEDROOM 3 TO FRONT	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
11	BEDROOM 4 TO FRONT	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
12	END TOILET/ SHOWER	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
13	BEDROOM 5 TO REAR	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
14	BEDROOM 6 TO REAR	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
15	BEDROOM 7 TO REAR	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
16	STAIRS TO GROUND FLOOR	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
		GROUND FLOOR		
17	FRONT ENTRANCE LOBBY	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
18	LOUNGE	***Sample no 04 – Panels to fire place – 2 sq. metres***	***CHRYSOTILE (WHITE ASBESTOS)***	Therefore this material must be removed prior to refurbishment
19	ELECTRICAL CUPBOARD	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
20	TOILET	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
21	FRONT BEDROOM	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
22	KITCHEN	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
23	UTILITY ROOM	ALL ELEMENTS	***NO ASBESTOS DETECTED***	
24	DINING ROOM	ALL ELEMENTS	***NO ASBESTOS DETECTED***	

Register of Inspections

Client	Throne Building Service LTD			
Site Details	41 Frognal			
	London			
	NW3 6YD			
Date of Survey	12th June 2014			
Surveyor	Dave Ritchie	Page 3 of 3	**Survey Type**	Refurbishment and Demolition

Location Ref	Location Description	Sample No. / Element Inspected	Type of Asbestos Detected	Notes
25	GARAGE	***Sample no. 05 – Panels to ceiling – 30 sq. metres***	***AMOSITE (BROWN ASBESTOS) & CHRYSOTILE (WHITE ASBESTOS)***	Therefore this material must be removed prior to refurbishment
26	BOILER ROOM	***As sample no. 05 – Panels to ceiling – 4 sq. metres***	***AMOSITE (BROWN ASBESTOS) & CHRYSOTILE (WHITE ASBESTOS)***	Therefore this material must be removed prior to refurbishment
27	EXTERNAL	***Sample no. 06 – Felt to upper garage wall – 5 sq. metres***	***NO ASBESTOS DETECTED***	No further action required with this material
		Sample no. 07 – Lower panels to side windows – 5 sq. metres	***CHRYSOTILE (WHITE ASBESTOS)***	Therefore this material must be removed prior to refurbishment
28	EXTERNAL POOL PUMP ROOM	***As sample no. 05 – Panels to ceiling – 9 sq. metres***	***AMOSITE (BROWN ASBESTOS) & CHRYSOTILE (WHITE ASBESTOS)***	Therefore this material must be removed prior to refurbishment

APPENDIX B: ASBESTOS LEGISLATION - OVERVIEW

Following the Control of Asbestos Regulations 2012 (CAR 2012), there is a specific requirement for all non-domestic property owners to have registers prepared for their premises. This regulation has been implemented and there is an ***explicit duty*** for premises to hold a current asbestos register. This regulation places the following duties on persons in control of non-domestic premises to:

- Take reasonable steps to determine the location of materials likely to contain asbestos

- Presume materials to contain asbestos unless a reasoned argument to the contrary can be made

- Make and maintain a written record of the location of asbestos and presumed asbestos materials. It will be a requirement to maintain this register, in that the condition of asbestos materials should be kept under regular review.

- Monitor the condition of asbestos and presumed asbestos materials

- Assess the risk of exposure from asbestos and presumed asbestos materials and document the action necessary to ensure:

  Any material known or presumed to contain asbestos, which may create a risk of exposure because of its state and location, is repaired or if necessary removed

  Any material known or presumed to contain asbestos is maintained in a good state of repair

  Information about the location and condition of material known or presumed to contain asbestos is given to anyone likely to disturb it

  Procedures and arrangements are in place so that work may disturb material known or presumed to contain asbestos complies with all other requirements of the asbestos regulations.

APPENDIX C: CERTIFICATES OF ANALYSIS

UKAS TESTING
2707

SCOPES
Asbestos Analysis Services Ltd.

CERTIFICATE FOR IDENTIFICATION OF ASBESTOS FIBRES

STANDARD ☐
PREMIUM ☐
EMERGENCY ☐

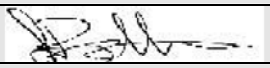
Client:	ACE ASBESTOS LIMITED		
Address:	FINCHLEY HOUSE BUSINESS CENTRE 707 HIGH ROAD FINCHLEY LONDON N12 0BT	Analysis Report No.	SCO/14/17741
Attention:	DAVE RITCHIE	Report Date.	13/06/14
Site Address:	41 FROGNAL LONDON NW3 6YD	Site Ref No.	N/A
Date sample taken:	12/06/14	Page No:	1 Of 1
Date sample received:	13/06/14	No. of Samples:	7
Date of Analysis:	13/06/14	Obtained:	DELIVERED

Samples of material, referenced below, have been examined to determine the presence of asbestos fibres, using Scopes Asbestos Analysis "in house" method of transmitted/polarised light microscopy and centre stop dispersion staining, based on HSE's HSG248.
If samples have been DELIVERED the site address and actual sample location is as given by the client at the time of delivery. Scopes Asbestos Analysis Services Limited are not responsible for the accuracy or competence of the sampling by third parties. Under these circumstances Scopes Asbestos Analysis Services Limited cannot be held responsible for the interpretation of the results shown.

SCOPES SAMPLE No.	CLIENT SAMPLE No.	Sample Location	Fibre Type Detected
1	1	SECOND FLOOR FLAT ROOF- FELT	NADIS
2	2	SECOND FLOOR FLAT ROOF- BITUMEN	NADIS
3	3	SECOND FLOOR WATER TANK HOUSING- PANELLING & DEBRIS	AMOSITE/ CHRYSOTILE
4	4	GROUND FLOOR LOUNGE- PANELS TO FIREPLACE	CHRYSOTILE
5	5	GROUND FLOOR GARAGE- PANELS TO CEILINGS	AMOSITE/ CHRYSOTILE
6	6	GROUND FLOOR UPPER SIDE WALL TO GARAGE- FELT	NADIS
7	7	GROUND FLOOR EXTERNAL- PANELS TO SIDE WINDOW	CHRYSOTILE

KEY: NADIS - No Asbestos Detected in Sample

Note: All samples will be retained for a minimum of six months.
Note: This Certificate for Identification of Asbestos Fibres shall not be reproduced except in full without the written approval of the Laboratory.

Analysed by:	J BARNETT	Authorised signatory:	
		Print name:	**S BOLTON- Q.C.M**

BULK 001-VER 5 12-AUGUST-09-QCM

2 Nobel Square, Courtauld Road, Burnt Mills Industrial Estate, Basildon, Essex SS13 1LS
Tel: 01268 724785 Fax: 01268 724796 **Mob:** 07765 685132 **E-Mail:** enquiries@scopesaasl.co.uk
Company Reg No: 5191390 Reg Address: As above

ACE ASBESTOS

Your Safety is Our Concern!

Finchley House Business Centre, 707 High Road, London N12 0BT