CLIENT: Andrew & Elizabeth Jefferies PROJECT: P1284: 11 Rosslyn Hill REPORT: Outline Construction Logistics Plan

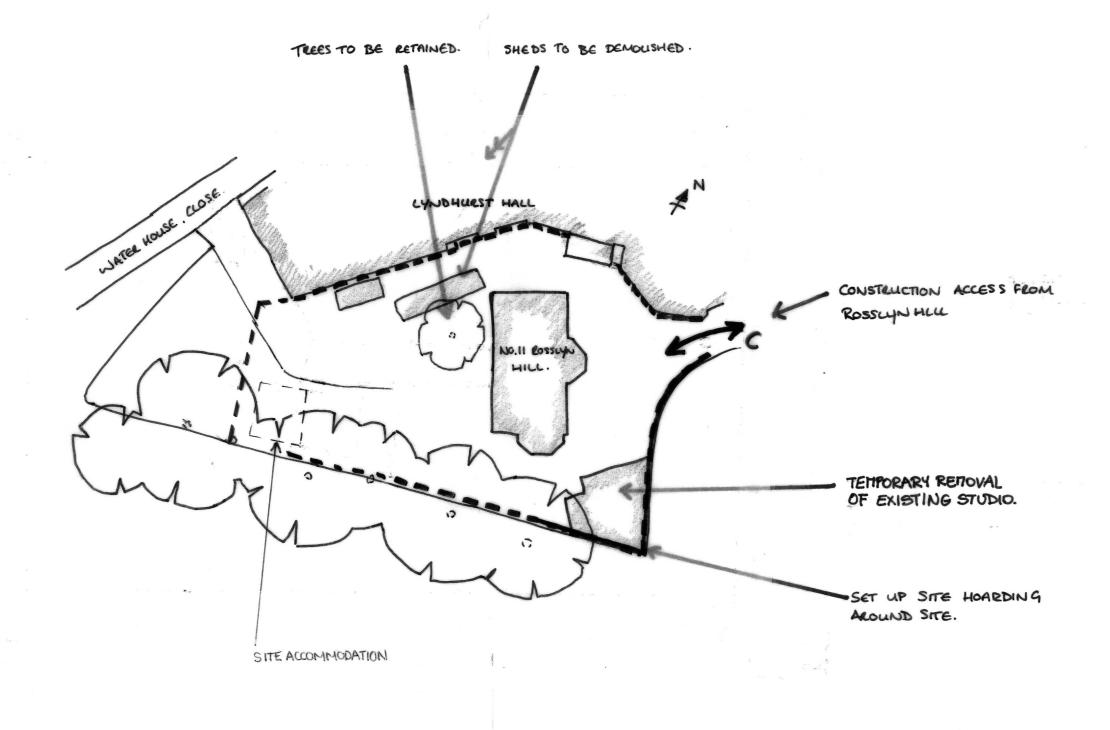
APPENDIX C

Demolition and Construction Phasing Schedule

OCCUPANTS OF THE HOUSE

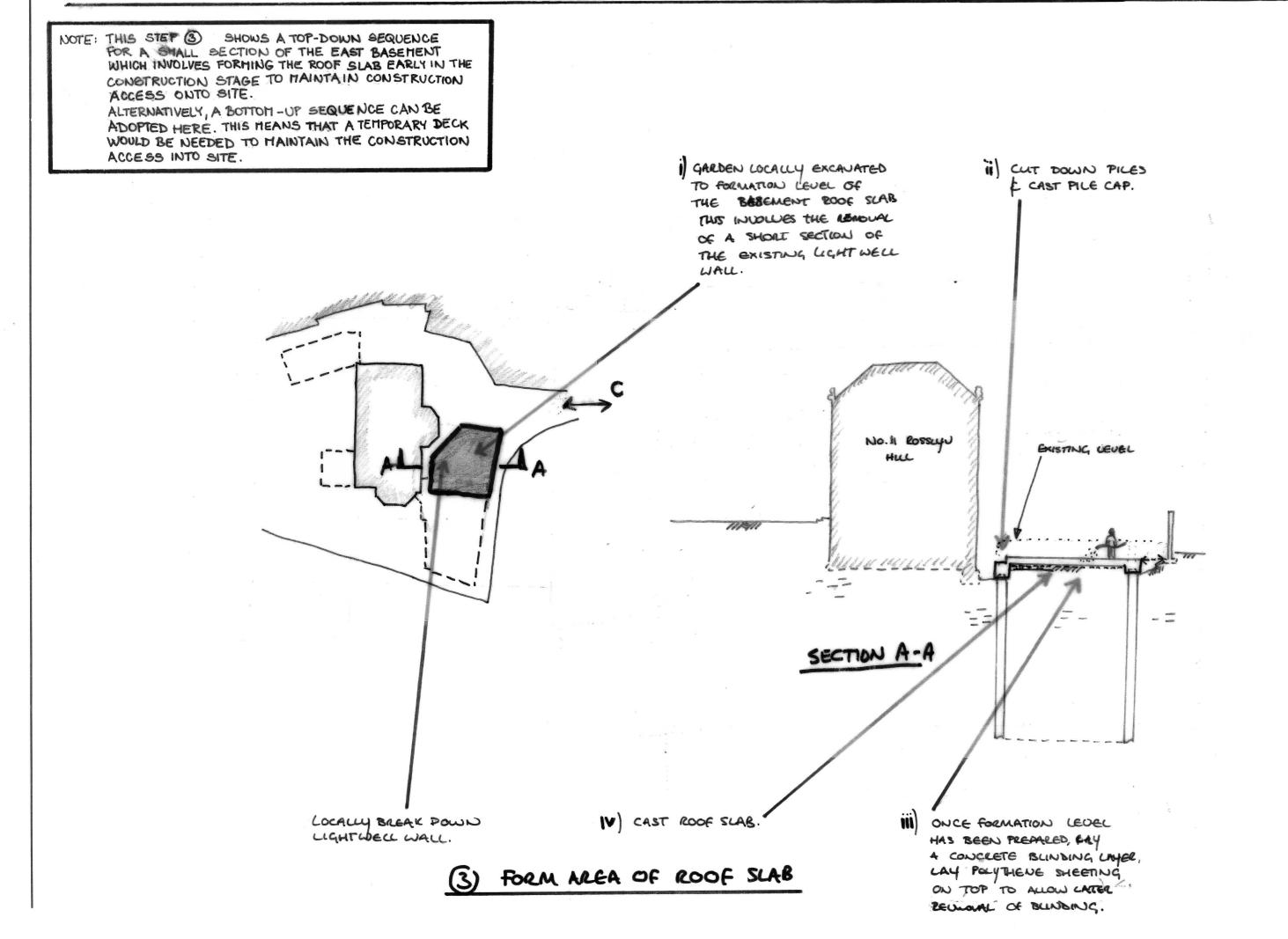
WILL NOT BE IN RESIDENCE

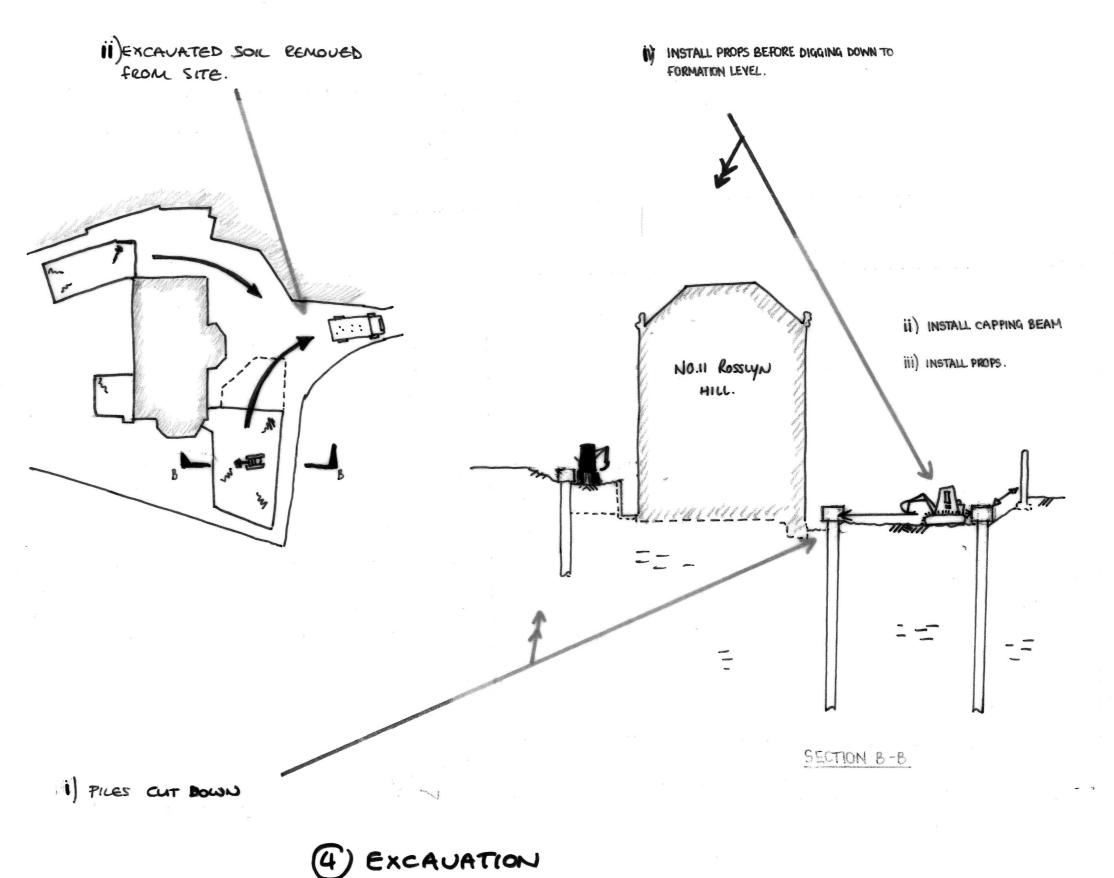
DURING THE WORKS.



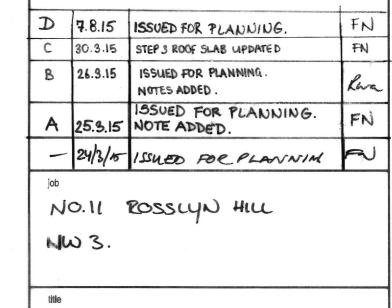
install All Piles. OUTLINE OF BASEMENTS 1) EXISTING BASEMENT VAULT TO BE PROPPED DURING WORKS TO ALLOW CONSTRUCTION ACCESS. ROSSYN No.11 Possyun II) UNDERPINDING TO NO.11 ROSSLYN HILL TO BE INSTALL WITH A HITE MISS SEQUENCE,

2 PILING & UND GRPINNING 1) SITE SET UP





THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND THE SPECIFICATION. 2. THE CONTRACTOR SHALL ENSURE THAT THE STABILITY OF THE BUILDING AND ADJOINING PREMISES IS MAINTAINED AT ALL STAGES OF CONSTRUCTION. HE SHALL DESIGN, INSTALL AND MAINTAIN ALL NECESSARY TEMPORARY WORKS AND PROGRAMME THE WORKS ACCORDINGLY. . THIS DRAWING SHOWS THE SEQUENCE OF CONSTRUCTION ASSUMED IN FORMULATING THE STRUCTURAL DESIGN. THE CONTRACTOR SHALL PREPARE HIS OWN PROPOSALS FOR SEQUENCE AND METHODOLOGY OF CONSTRUCTION, INCLUDING ALL TEMPORARY WORKS, FOR WHICH HE SHALL REMAIN ENTIRELY RESPONSIBLE. THESE PROPOSALS SHALL BE SUBMITTED TO THE CA PRIOR TO COMMENCEMENT OF WORK ON SITE. WHERE THIS DRAWING SHOWS ITEMS OF STRUCTURE, EQUIPMENT OR PLANT WHICH DO NOT FORM PART OF THE PERMANENT STRUCTURE, THESE ARE ITEMS OF "TEMPORARY WORKS" OR "THINGS NOT FOR INCORPORATION IN THE WORKS". SUCH ITEMS ARE SHOWN PURELY TO INDICATE A POSSIBLE MEANS OF CONSTRUCTING SOME PARTS OF THE STRUCTURE AND MAKE NO REPRESENTATION AS TO THE AMOUNT AND/OR EXTENT OF SUCH WORKS OR ITEMS, NOR OF THE EQUIPMENT, PLANT OR MATERIALS NEEDED TO INSTALL AND MAINTAIN THEM.



ASSUMED SEQUENCE OF CONSTRUCTION.

SHEET 1 OF 2

RWG

checked scale (original - A1)
1:200 PLANS
1:100 SECTIONS MAR' 15

Alan Baxter

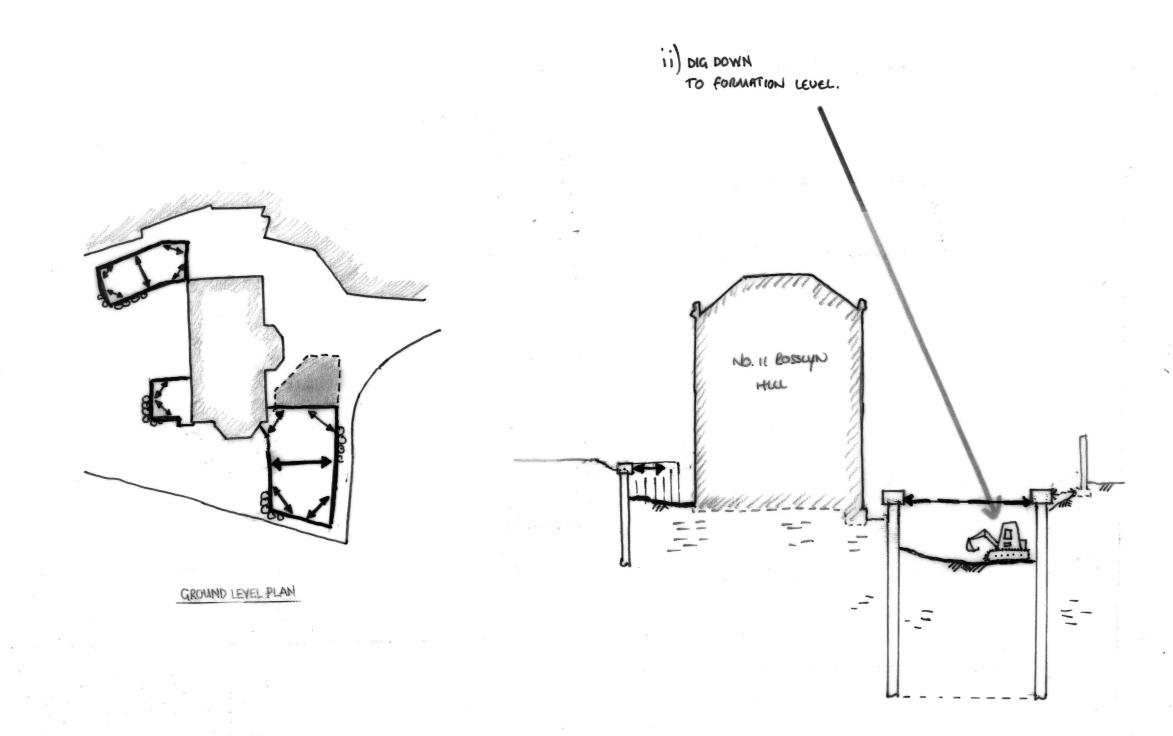
75 Cowcross Street London EC1M 6EL tel 020 7250 1555 email aba@alanbaxter.co.uk

www.alanbaxter.co.uk

1693/01/SKOS

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D



BACEMENT PLAN

I) EXCAUATE TO ROCULATION
CELLEL OF BASEMENT

II) LAU DIRAMACE, PEA
SAUNCLE, BLINDING & DOR
FORMER

6 CONSTRUCTION OF BASEMENT

SLAB.

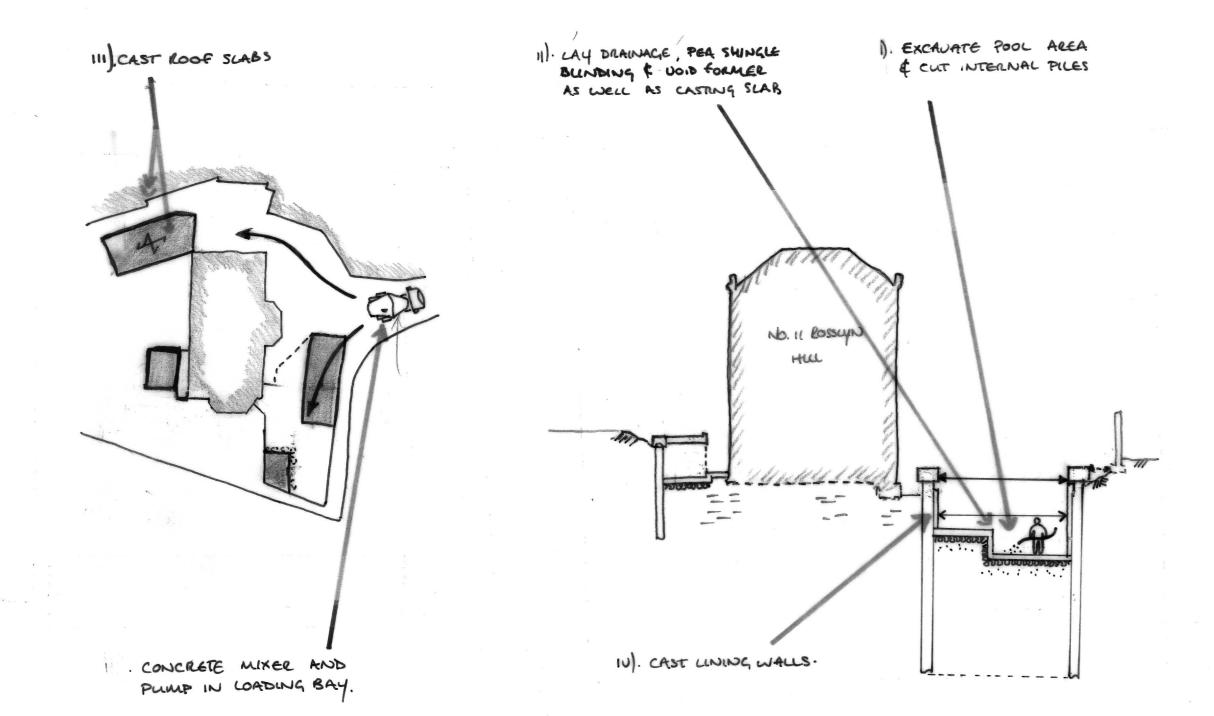
V). CASTLINING WALLS

III) CAST SUB.

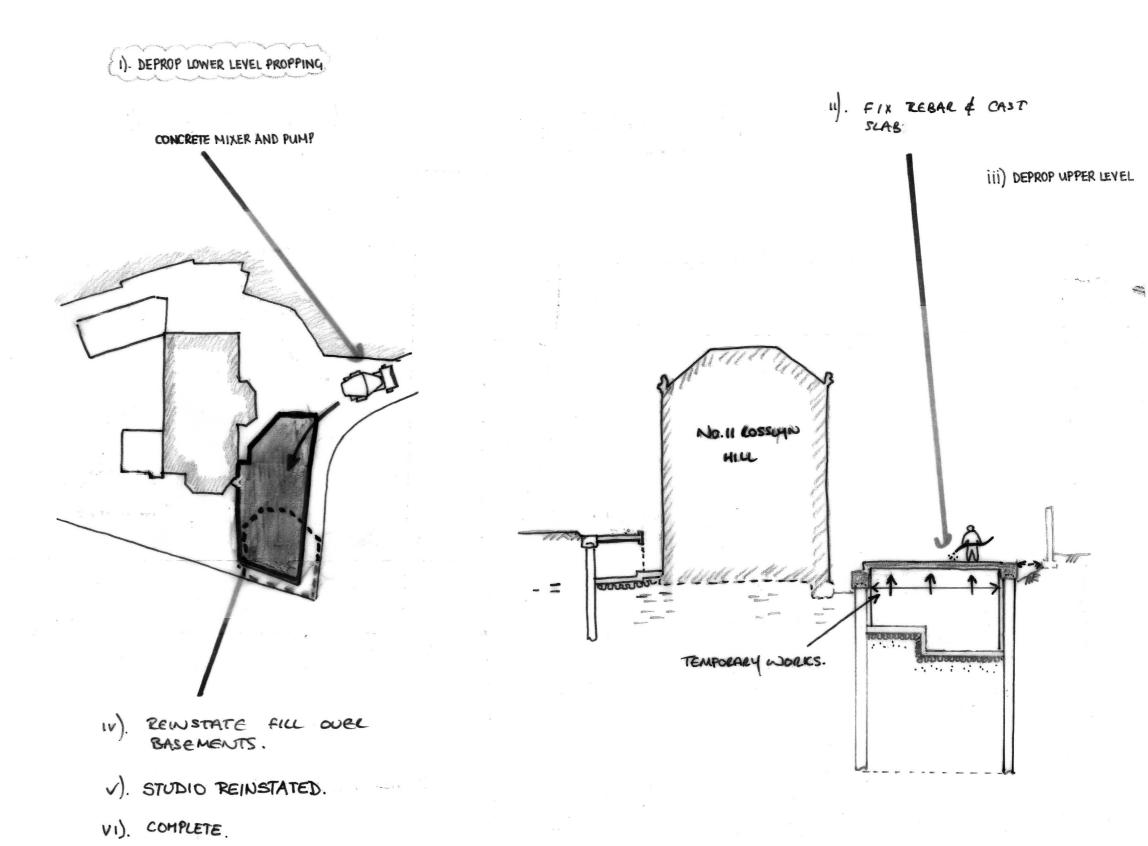
INSTALL TEMPORARY PROPPING COMMENCE.

BASEMENT.

5 EXCAVATION & PROPPING.



F DOUBLE BASEMENT.



(8) CONSTRUCTION OF TOP SLAB.

B 7.8.15 ISSUED FOR PLANNING FN

A 26.03.15 ISSUED FOR PLANNING NOTES ADDED. Run

JOD

NO.11 ROSSLYN YILL

WW3

title

ASSUMED SEQUENCE OF

CONSTRUCTION

SHEET 2 OF 2.

drawn

RHQ

date

MARCH 15

SCALE (original - A1)

PLAN 1:200

SECTION 1:100

1). REFER TO TRAWING 1693/01/SKOS FOR GENERAL NOTES.

Alan Baxter

75 Cowcross Street London EC1M 6EL tel 020 7250 1555 email aba@alanbaxter.co.uk

www.alanbaxter.co.uk

drg. no.

1693/61/5K06

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Appendix 32

Camden CMP Pro-forma

Construction Management Plan

pro forma v2.1



Contents

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Transport	15
Environment	25
Agreement	30



Revisions & additional material

Please list all iterations here:

Date	Version	Produced by

Additional sheets

Please note – the review process will be quicker if these are submitted as Word documents or searchable PDFs.

Date	Version	Produced by



Introduction

The purpose of the **Construction Management Plan (CMP)** is to help developers to minimise construction impacts, and relates to both on site activity and the transport arrangements for vehicles servicing the site.

It is intended to be a live document whereby different stages will be completed and submitted for application as the development progresses.

The completed and signed CMP must address the way in which any impacts associated with the proposed works, and any **cumulative impacts of other nearby construction sites**, will be mitigated and managed. The level of detail required 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 as described in <u>Transport for London's</u> (TfL's Standard for <u>Construction Logistics and Cyclist Safety</u> (**CLOCS**) scheme) and <u>Camden's</u> <u>Minimum Requirements for Building Construction</u> (**CMRBC**).

The approved contents of this CMP must be complied with unless otherwise agreed with the Council in writing. 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 "<u>Demolition Notice.</u>"

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. It is preferable if this document, and all additional documents, are completed electronically and submitted as Word files to allow comments to be easily documented. These should be clearly referenced/linked to from the CMP.

Please notify that council when you intend to start work on site. Please also notify the council when works are approximately **3 months from completion.**

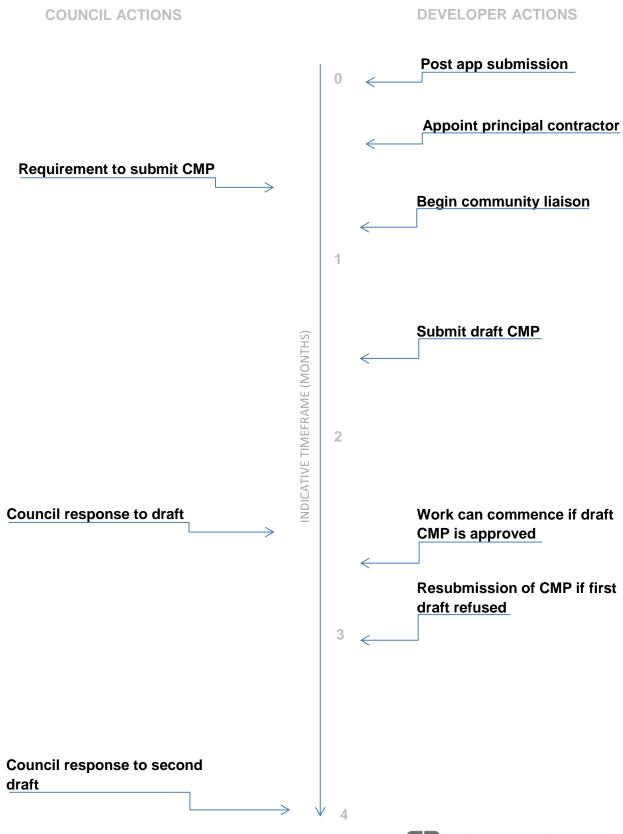


(Note the term 'vehicles' used in this document refers to all vehicles associated with the implementation of the development, e.g. demolition, site clearance, delivery of plant & materials, construction, etc.)

Revisions to this document may take place periodically.



Timeframe





Contact

1. Please provide the full postal address of the site and the planning reference relating to the construction works. Address: Planning ref: Type of CMP - Section 106 planning obligation/Major sites framework: 2. Please provide contact details for the person responsible for submitting the CMP. Name: Address: Email: Phone: 3. Please provide full contact details of the site project manager responsible for day-to-day management of the works and dealing with any complaints from local residents and businesses. Name: Address: Email:



Phone:

	ficer responsible.	
Name:		
Address:		
Email:		
Phone:		
accepts receipt CMP.	t of legal documents for the person responsible for the implementation o	f the
Name:		
Name: Address:		
Address:		

4. Please provide full contact details of the person responsible for community liaison and dealing with any complaints from local residents and businesses if different from question 3. In the case of Community Investment Programme (CIP), please provide contact details of



Site

6. Please provide a site location plan and a brief description of the site, surrounding and development proposals for which the CMP applies.	area
7. Please provide a very brief description of the construction works including the size nature of the development and details of the main issues and challenges (e.g. narros streets, close proximity to residential dwellings etc).	
8. Please identify the nearest potential receptors (dwellings, business, etc.) like affected by the activities on site (i.e. noise, vibration, dust, fumes, lighting etc.).	ly to be

9. 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.



	oposed start and end dates for each phase of construction as well
as an overall programme would be ideal).	timescale. (A Gantt chart with key tasks, durations and milestones
	indard working hours for the site, noting that the standard workin es in Camden are as follows:
• 8.00am to 1.00pr	Monday to Friday on Saturdays ndays or Public Holidays

12. 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.





Community Liaison

A neighbourhood consultation process must have been undertaken prior to submission of the CMP first draft. This consultation must relate to construction impacts, and should take place following the grant of planning permission in the lead up to the submission of the CMP. A consultation process specifically relating to construction impacts must take place regardless of any prior consultations relating to planning matters. This consultation must include all of those individuals that stand to be affected by the proposed construction works. These individuals should be provided with a copy of the draft CMP, or a link to an online document. They should be given adequate time with which to respond to the draft CMP, and any subsequent amended drafts. Contact details which include a phone number and email address of the site manager should also be provided.

Significant time savings can be made by running an effective neighbourhood consultation process. This must be undertaken in the spirit of cooperation rather than one that is dictatorial and unsympathetic to the wellbeing of local residents and businesses.

These are most effective when initiated as early as possible and conducted in a manner that involves the local community. Involving locals in the discussion and decision making process helps with their understanding of what is being proposed in terms of the development process. The consultation and discussion process should have already started, with the results incorporated into the CMP first draft submitted to the Council for discussion and sign off. This communication should then be ongoing during the works, with neighbours and any community liaison groups being regularly updated with programmed works and any changes that may occur due to unforeseen circumstances through newsletters, emails and meetings.

Please note that for larger sites, details of a construction working group may be required as a separate S106 obligation. If this is necessary, it will be set out in the S106 Agreement as a separate requirement on the developer.

Cumulative impact

Sites located within high concentrations of construction activity that will attract large numbers of vehicle movements should consider establishing contact with other sites in the vicinity in order to manage traffic routeing and volumes. Developers in the Tottenham Court Road area have done this to great effect.

The Council can advise on this if necessary.



13. Consultation

The Council expects meaningful consultation. For large sites, this may mean two or more meetings with local residents **prior to submission of the first draft CMP**.

Evidence of who was consulted, how the consultation was conducted and a summary of the comments received in response to the consultation. Details of meetings including minutes, lists of attendees etc. must be included.

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 them out. If your site is on the boundary between boroughs then we would recommend contacting the relevant neighbouring planning authority.

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g S, e g



Please provide details of any schemes such as the 'Considerate Constructors Scheme', 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". 16. Neighbouring sites 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. The council can advise on this if necessary.



Transport

This section must be completed in conjunction with your principal contractor. If one is not yet assigned, please leave the relevant sections blank until such time when one has been appointed.

Camden is a CLOCS Champion, and is committed to maximising road safety for Vulnerable Road Users (VRUs) as well as minimising negative environmental impacts created by motorised road traffic. As such, all vehicles and their drivers servicing construction sites within the borough are bound by the conditions laid out in the CLOCS Standard.

This section requires details of the way in which you intend to manage traffic servicing your site, including your road safety obligations with regard to VRU safety. It is your responsibility to ensure that your principal contractor is fully compliant with the terms laid out in the CLOCS Standard. It is your principal contractor's responsibility to ensure that all contractors and sub-contractors attending site are compliant with the terms laid out in the CLOCS Standard.

Checks of the proposed measures will be carried out by the council to ensure compliance. Please refer to the CLOCS Standard when completing this section. Guidance material which details CLOCS requirements can be accessed here, details of the monitoring process are available here.

Please contact CLOCS@camden.gov.uk for further advice or guidance on any aspect of this section.

Please refer to the CLOCS Overview and Monitoring Overview documents referenced above which give a breakdown of requirements.



CLOCS Considerations

17. Name of Principal contractor:
18. Please submit the proposed method for checking operational, vehicle and driver
compliance with the CLOCS Standard throughout the duration of the contract (please refer
to our CLOCS Overview document in the appendix and CLOCS Standard point 3.4.7).
19. Please confirm that you as the client/developer and your principal contractor have read
and understood the <u>CLOCS Standard</u> and included it in your contracts. Please sign-up to join
the <u>CLOCS Community</u> to receive up to date information on the standard by expressing an
interest online.
I confirm that I have included the requirement to abide by the CLOCS Standard in my contracts to my contractors and suppliers:

Please contact CLOCS@camden.gov.uk for further advice or guidance on any aspect of this



section.

Site Traffic

Sections below shown in blue directly reference the CLOCS Standard requirements. The CLOCS Standard should be read in conjunction with this section.

20. Traffic routing: "Clients shall ensure that a suitable, risk assessed vehicle route to the site is specified and that the route is communicated to all contractors and drivers. Clients shall make contractors and any other service suppliers aware that they are to use these routes at all times unless unavoidable diversions occur." (P19, 3.4.5)

Routes should be carefully considered and risk assessed, taking into account the need to avoid where possible any major cycle routes and trip generators such as schools, offices, public buildings, museums etc. Where appropriate, on routes that use high risk junctions (i.e. those that attract high volumes of cycling traffic) installing Trixi mirrors to aid driver visibility should be considered.

Consideration should also be given to weight restrictions, low bridges and cumulative impacts of construction (including neighbouring construction sites) on the public highway network. The route(s) to and from the site should be suitable for the size of vehicles that are to be used.

a. Please indicate routes on a drawing or diagram showing the public highway network in the vicinity of the site including details of links to the <u>Transport for London Road Network</u> (TLRN).
b. Please confirm how contractors, delivery companies and visitors will be made aware or the route (to and from the site) and of any on-site restrictions, prior to undertaking journeys.



21. Control of site traffic, particularly at peak hours: "Clients shall consider other options to plan and control vehicles and reduce peak hour deliveries" (P20, 3.4.6)

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. (Refer to the <u>Guide for Contractors Working in Camden</u>).

A delivery plan should ensure that deliveries arrive at the correct part of site at the correct time. Instructions explaining such a plan should be sent to all suppliers and contractors. Consideration should be given to the location of any necessary holding areas for large sites with high volumes of traffic. Vehicles must not wait or circulate on the public highway. Whilst deliveries should be given set times to arrive, dwell and depart, no undue time pressures should be placed upon the driver at any time.

a. 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.
b. Please provide details of other developments in the local area or on the route.

c. Please outline the system that is to be used to ensure that the correct vehicle attends the correct part of site at the correct time.



d. Please identify the locations of any off-site holding areas (an appropriate location outs the borough may need to be identified, particularly if a large number of delivery vehicles expected) and any measures that will be taken to ensure the prompt admission of vehicle to site in light of time required for any vehicle/driver compliance checks. Please refer to question 24 if any parking bay suspensions will be required for the holding area.
e. Please provide details of any other measures designed to reduce the impact of associa traffic (such as the use of <u>construction material consolidation centres</u>).
22. Site access and egress: "Clients shall ensure that access to and egress from the site is appropriately managed, clearly marked, understood and clear of obstacles." (P18, 3.4.3)

Vehicles entering and leaving the site should be carefully managed, using gates that are clearly marked and free from obstacles. Traffic Marshalls must ensure the safe passage of pedestrians, cyclists and other traffic when vehicles are entering and leaving site, particularly if reversing.

a. Please detail the proposed access and egress routes to and from the site



b. Please describe how the access and egress arrangements for construction vehenanged. c. Please provide swept path drawings for any tight manoeuvres on vehicle routes the site including proposed access and egress arrangements at the site benecessary).	
the site including proposed access and egress arrangements at the site b	ehicles wil
he site including proposed access and egress arrangements at the site b	
I. Provision of wheel washing facilities should be considered if necessary. If so, p	, please

23. Vehicle loading and unloading: "Clients shall ensure that vehicles are loaded and unloaded on-site as far as is practicable." (P19, 3.4.4)

If this is not possible, Traffic Marshalls must ensure the safe passage of pedestrians, cyclists and motor traffic in the street when vehicles are being loaded or unloaded.





Highway interventions

Please note that Temporary Traffic Orders (TTOs) and hoarding/scaffolding licenses may be applied for prior to CMP submission but won't be granted until the CMP is signed-off.

24. Parking bay suspensions and temporary traffic orders

Please note, parking bay suspensions should only be requested where absolutely necessary. Parking bay suspensions are permitted for a maximum of 6 months, requirement of exclusive access to a bay for longer than 6 months you will be required to obtain Temporary Traffic Order (TTO) for which there is a separate cost.

Please provide details of any proposed parking bay suspensions and TTO's which would be required to facilitate construction. **Building materials and equipment must not cause** obstructions on the highway as per your Considerate Contractors obligations unless the requisite permissions are secured.

Information regarding parking suspensions can be found here.				

25. Scaled drawings of highway works

Please note that 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 that includes the extent of any 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.

• a. Please provide accurate scaled drawings of any highway works necessary to enable construction to take place (e.g. construction of temporary vehicular accesses).



b. Please provide details of all safety signage, barriers and accessibil ramps and lighting etc.	ity measures such as
26. Diversions	
Where applicable, please supply details of any diversion, disruption of the public highway during the construction period (alternatively a submitted).	

27. VRU and pedestrian diversions, scaffolding and hoarding

Pedestrians and/or cyclist safety must be maintained if diversions are put in place. Vulnerable footway users should also be considered. These include wheelchair users, the elderly, those with walking difficulties, young children, those with prams, the blind and partially sighted. Appropriate ramping must be used if cables, hoses, etc. are run across the footway.

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.



		te boundary with a lock	
· ·		ind cyclist safety will be ry), and any Traffic Mai	
highway (e.g. sca	 , cranes etc.) and d	s which would overhang letails of hoarding requi	· ·

SYMBOL IS FOR INTERNAL USE



Environment

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

28. Please list all <u>noisy operations</u> and the construction method used, and provide details of the times that each of these are due to be carried out.
29. 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.
30. Please provide predictions for <u>noise</u> and vibration levels throughout the proposed works.

31. 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.
32. Please provide evidence that staff have been trained on BS 5228:2009
33. Please provide details on how dust nuisance arising from dusty activities, on site, will be prevented.
34. 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.

35. Please provide details describing arrangements for monitoring of <u>noise</u>, vibration and dust levels.



36. Please confirm that a <u>Risk Assessment</u> has been undertaken at planning application stage in line with the <u>GLA's Control of Dust and Emissions Supplementary Planning Guidance</u> (SPG), and the risk level that has been identified, with evidence. Please attach the risk assessment as an appendix if not completed at the planning application stage.
37. Please confirm that all of the GLA's 'highly recommended' measures from the <u>SPG</u> document relative to the level of risk identified in question 36 have been addressed by completing the <u>GLA mitigation measures checklist.</u>

• 38. If the site is a 'High Risk Site', 4 real time dust monitors will be required. If the site is a 'Medium Risk Site', 2 real time dust monitors will be required. The risk assessment must take account of proximity to sensitive receptors (e.g. schools, care homes etc), as detailed in the SPG. Please confirm the location, number and specification of the monitors in line with the SPG and confirm that these 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.



39. Please provide details about how rodents, including <u>rats</u> , will be prevented from spreading out from the site. You are required to provide information about site inspecarried out and present copies of receipts (if work undertaken).	
40. Please confirm when an asbestos survey was carried out at the site and include t findings.	the key
41. Complaints often arise from the conduct of builders in an area. Please confirm st being taken to minimise this e.g. provision of a suitable smoking area, tackling bad la and unnecessary shouting.	-

42. If you will be using non-road mobile machinery (NRMM) on site with net power between 37kW and 560kW it will be required to meet the standards set out below. The standards are applicable to both variable and constant speed engines and apply for both PM and NOx emissions.



From 1st September 2015

- (i) Major Development Sites NRMM used on the site of any major development will be required to meet Stage IIIA of EU Directive 97/68/EC
- (ii) Any development site within the Central Activity Zone NRMM used on any site within the Central Activity Zone will be required to meet Stage IIIB of EU Directive 97/68/EC

From 1_{st} September 2020

- (iii) Any development site NRMM used on any site within Greater London will be required to meet Stage IIIB of EU Directive 97/68/EC
- (iv) Any development site within the Central Activity Zone NRMM used on any site within the Central Activity Zone will be required to meet Stage IV of EU Directive 97/68/EC

Please provide evidence demonstrating the above requirements will be met by answering the following questions:

- a) Construction time period (mm/yy mm/yy):
- b) Is the development within the CAZ? (Y/N):
- c) Will the NRMM with net power between 37kW and 560kW meet the standards outlined above? (Y/N):
- d) Please provide evidence to demonstrate that all relevant machinery will be registered on the NRMM Register, including the site name under which it has been registered:
- e) Please confirm that an inventory of all NRMM will be kept on site and that all machinery will be regularly serviced and service logs kept on site for inspection:
- f) Please confirm that records will be kept on site which details proof of emission limits, including legible photographs of individual engine plates for all equipment, and that this documentation will be made available to local authority officers as required:

SYMBOL IS FOR INTERNAL USE



Agreement

The agreed contents of this Construction Management Plan must be complied with unless otherwise agreed in writing by the Council. This may require the CMP to be revised by the Developer and reapproved by 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 in writing 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.

Please notify that council when you intend to start work on site. Please also notify the council when works are approximately 3 months from completion.



