Construction Environment Management Plan

28a St Richards Road,
Southwick,
Brighton,
West Sussex,
BN41 1PA.

Construction & Environmental Management Plan

Septmeber 2022

Client:

APMD Developments LTD.

Construction & Environmental Management Plan

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1.1 Introduction

This Construction & Environmental Management Plan (CEMP) is for the works for the proposed development at 28a St Richards Road, Southwick, Brighton, West Sussex, BN41 1PA.

The agreed contents of the CEMP will be complied with unless otherwise agreed with the Adur and Worthing Distrcit Council.

This CEMP sets out the intended measures that will *be implemented throughout this phase and will help identify key challenges and constraints that will be considered in line with our Basic Impact* Assessment; Managing the environmental protection and highways safety standards throughout this phase of the development.

Community liaison measures that minimise possible impact on, and disturbance to the surrounding environment, highway network and the immediate neighborhood.

Traffic management procedures for the safeguard of pedestrians, cyclists, public transport services and other users of the highway in general.

Handling material supply and the managed disposal of demolition waste materials.

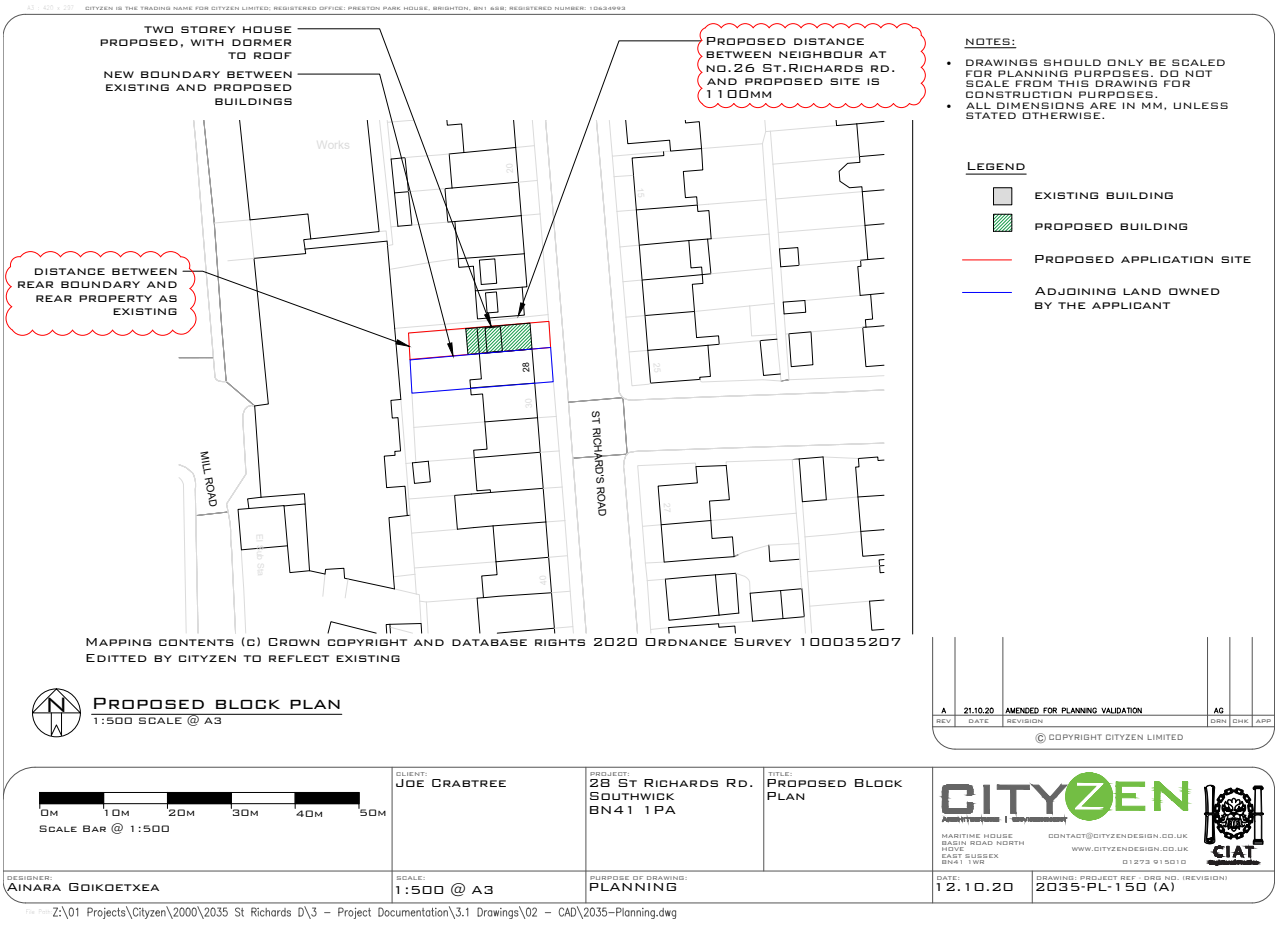
The management of the works overall and the interface with the local community.



Existing garage to be removed and location of new property.

1.2 Site Location

28a St Richards Road, Southwick, Brighton, West Sussex, BN41 1PA.



The new scheme is as outlined above

a. The Existing Building & Site Overview

The existing dwelling at no.28 St Richards Road is a semi-detached two-storey house.

The land is currently within the boundary of no.28 St Richards Rd. and includes a rear garden and an outbuilding garage to be demolished.

1.4 The Proposal

The proposal consists of a 2-storey semi-detached dwelling with a dormer to rear. The dwelling includes:
2 bedrooms (1 double bedroom and 1 single bedroom with ensuite)
1 family bathroom.

1 accessible WC to the ground floor Open plan Kitchen and living room Under-stairs storage
Rear garden

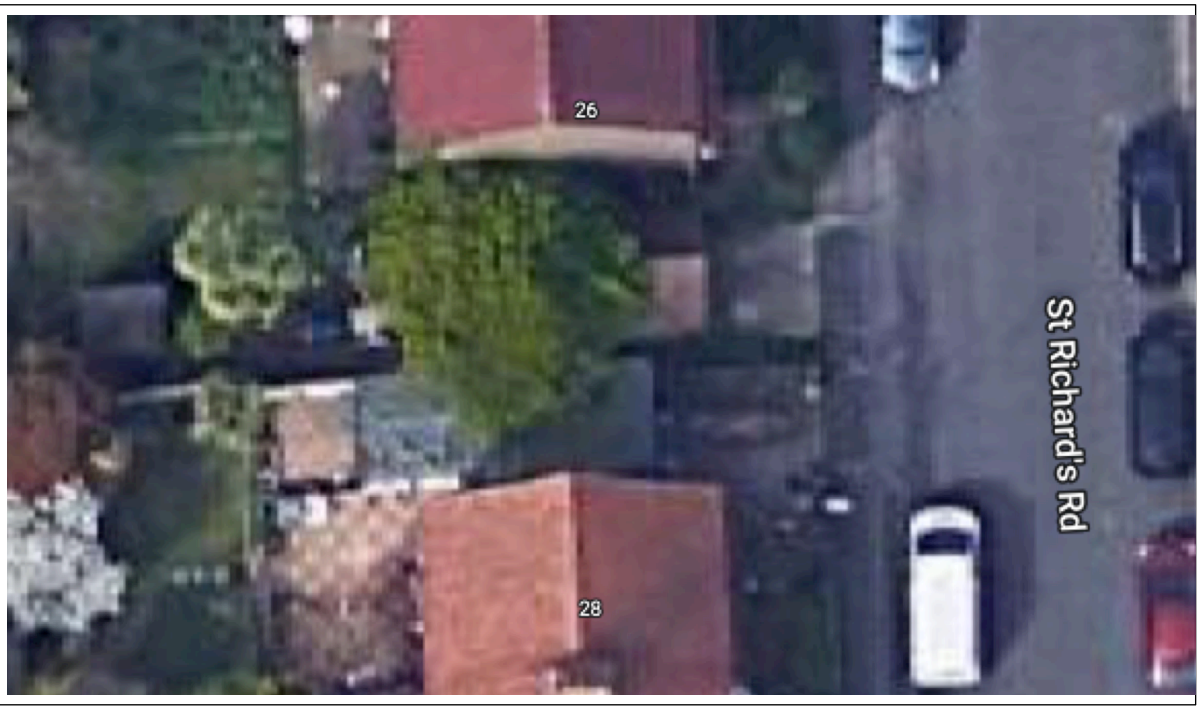
With room sizes in excess of the council's minimum standards.

The design of the proposed dwelling is to mimic the volume of the adjacent dwelling at No.28 St Richards Rd.

1.6 Site Access, Set Up & Logistics

Site access will be from the front of the property. There will be delegated time slots for deliveries and notices given to all neighbours to let them know these required times throughout the whole construction phase.

Larger transport will be able to turn move up and down the road and if required to turn around it will be a simple case of going around the block.




Eastbrook Rd
East
St Richard's Rd
Brambledean Rd
g Supplies
op
Get Tinted
rsh Labels Limited
St
Brambledean Rd
aint Richard's Road
St Michael's Rd
St Richard's Rd
LSMDesignGift
Gift shop
atcraft Heating
& Ventilation
St Richard's Rd
raft
es Limited
Sussex Beds

Site Transport

All vehicles servicing site over 3.5T must meet each of the following conditions: -

FORS Best Practice Guidance as per the examples;





Deliveries to Site

- Deliveries must be booked in advance to maximise the just-in-time fashion, reducing site constraints and planned in such a way as to minimise vehicles on site at any one time and 'stacking up' or waiting in the immediate vicinity of the site. This is to include the times of loading or unloading of all Planting, materials or waste.

  A strict delivery procedure will be implemented to ensure that site traffic is managed in a safe and orderly manner with planned traffic movements and site traffic team.

  All vehicles will Stop and leave a designated coned area in front of the site in a forward direction the site under the direction of traffic marshals.

  Wheel washing will be used upon leaving site to prevent any impact to the construction upon the public highway where necessary. The water facility to accommodate this is within 4m of the gates with an extendable hose linked to a pressure washer.

Traffic Marshal – A key role

The appointed Trained Traffic Marshall has a key role in managing and maintaining safe passage for pedestrians and cyclists within the vicinity of the site for the duration of the project.

With St Richards Road being the point of vehicle movement to the site, the Traffic Management Supervisor will implement a system where prominent chapter 8 signage/barriers will be in place when required, providing early notice for pedestrians and cyclists approaching the area that vehicles will be entering the site via the existing driveway, all construction vehicles will be using the current highways traffic route system in place which has signs and road markings designed to manage the traffic flow from both directions when entering the site compound, this existing traffic route will be maintained during the construction works.

Prior to vehicles accessing site safety barriers will be put in place to temporarily block the pavements whilst the vehicles are directed into the site. Once the vehicles are safely unloaded on site the barriers will be removed and pedestrians can then continue their journey with safe passage.

All vehicle loading & unloading will be undertaken within the site compound at a designated loading zone and will not be permitted from the highway at any time.

Trained Traffic Marshals will remain in constant communication with each other during these operations and we will aim to keep these movements to the absolute minimum needed to ensure the safe and timely completion of this phase of the works.

Parking Facilities

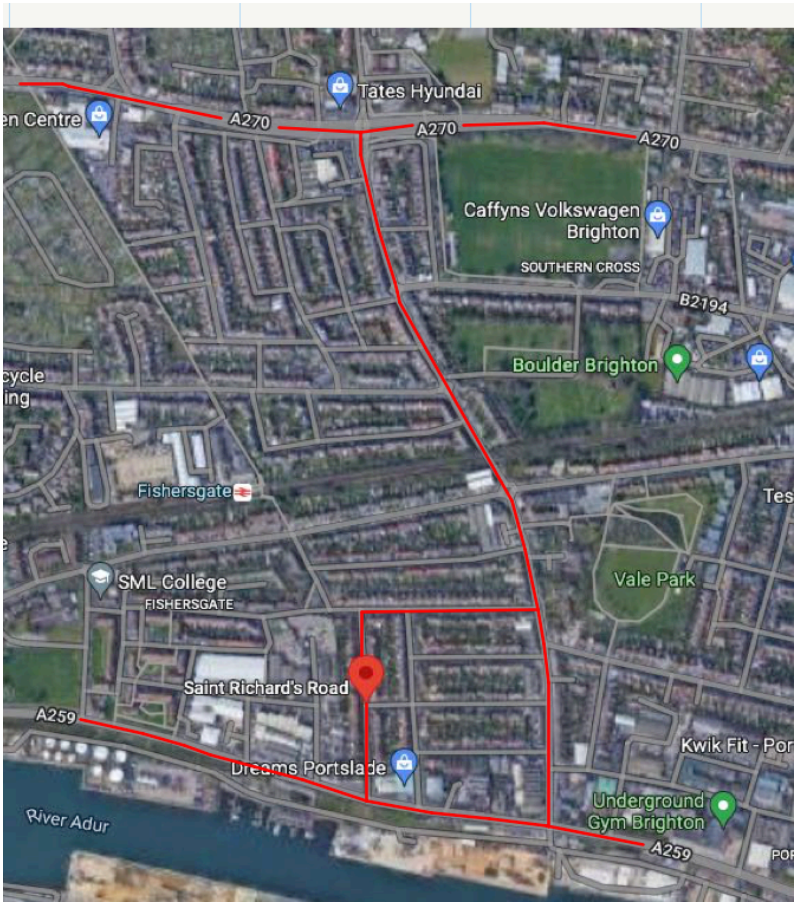
Site personnel will be encouraged to make use public transport facilities that serve the area where possible to negate the need for travel by private van or car. It is anticipated that local contractors to the area will construct the project.

Storage

All loading and unloading of plant machinery and waste will be dealt with, within the site boundaries.
The storage of plant machinery will be kept in a designated area in the rear garden of the site where the works will be carried out.
Materials will be delivered. The materials will be stored in specific areas where needed to be used for the project. Other materials i.e. sand, cement, etc. will have its own storage bay to be kept safely.

In the case of combustibles such as fuel, this will be kept in a segregated and designated area in a double bunded reservoir for this purpose. All hazardous materials will be stored in designated areas that will be secured and managed in line with statutory guidance.

Site Access



Access from the A259 with a direct route to St Richards Road. This is the shortest route from the main road, which leads to all merchants and waste disposal companies in the local area.

Vehicles & Equipment

An assessment has been carried out on the average vehicle movements per day throughout the course of the project, these have been based on the outline programme and show a peak of 4 movements per day. These are one-way movements LGV vehicles and two-way for HGV.

Vehicle movements will range from Monday - Friday, with the peak being between 8am – 4pm during the project programme.

Averages for each week of the project duration have been shown below:

2022												
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Average vehicle movements per day	1	1	1	1	1	1	1	1	1	1	1	1

Robust traffic management will be key to this part of the project and will be implemented throughout the program to protect, safeguard and segregate the public from all project activities.

Site clearance and earthworks:

- Excavator
- Dump Trucks
- Graders
- Skips

Residential Development

- Excavator
- JCP
- Concrete and pump
- Skips
- Site digger and dumper
- Cement Mixer

Accommodation & Site Set Up

The site accommodation will consist of the following:

- Drying room/Toilet
- Site Office/Canteen

Security

During normal working hours, the gate keeper and traffic marshals will manage the site entrance on St Richards Road.

Care will be taken to ensure that the perimeter to the site is secure and that the public feel safe and secure when walking past the site.

The local community will be kept informed of operations of this nature which will be programmed to be carried out at a sociable hour and not at weekends.

Working Hours

Site hours will be:

Mon - Fri			
Site Open	8.00am - 6.00pm	Work Permitted	8.00am - 6.00pm
Saturdays			
Site Open	8.00am - 3.00pm	Work Permitted	8.00am - 3.00pm
Sundays and Bank Holidays			
The site will not be open on Sundays or Bank Holidays			

Fig I – Site Hours

The site times reflect the working hours advised by Adur & Worthing Council planning department.

Work may be required that takes place outside of the permitted hours for specific activities, an example of this may be the delivery of plant under a movement order.

On an occasion of this nature, approval would be requested from the council and the works planned carefully to ensure potential disruption is kept to a minimum, not disturbing neighbours or in contravention of planning conditions.

Full liaison will need to be maintained with the local neighbours through letter drop or direct communication, and with the council's 24-hour noise team, details will be prominently displayed on the site noticeboard providing a 24-hour contact in case of emergency.

Signage

Prominent signage will be used on site to inform and advise site personnel of hazards, safe access routes etc.

All signage will be informative, clear, professional and in line with best practice procedures.

All information relating to health and safety, including the F1O form and the site rules, will be displayed on a notice board situated within the site welfare facilities. The main notice board will also show the project site management team members, including First Aider's and Fire Marshals, contact details of site staff with emergency, out of hours contact details and the appropriate Considerate Contractor's poster.

Scaffolding

Access and containment scaffold will be erected by a licensed scaffolding sub-contractor to the property. All scaffold will be construct to the current NASC TG20:13 Good Practice Guidance for Tube and Fitting Scaffolding. Deliveries will be programmed to ensure the minimum of disruption to local businesses in the immediate vicinity.

All scaffolding will be correctly protected in line with the security procedures and will be systematically dismantled in line with the programme ensuring the least disruption as possible to neighbouring properties.

1.6 Outline Methodology & Programme

There will be a project specific set of RAMS and programme details to form a robust method of delivery for the project.

Considerations will be given to reducing impacts to local businesses and pedestrians.

1.8 Impacts & Mitigation Measures

Considerations

A review has been undertaken of the potential source of adverse impacts, which can be associated with carrying out demolition works. The results of this are presented on the following pages.

Party Wall

Clear lines of communication will be set up with the client's team to ensure all party wall matters/ boundary conditions are dealt with in the agreed manner prior to works commencement.

Dust & Air Quality

The project is to take seriously their obligations to the (local) environment with construction activities undertaken in the Lewes & Eastbourne, a high standard is achievable from construction projects, particularly in the mitigation of impacts that are due to construction activities.

Dust and emissions from construction work can worsen air quality, which is why we will take all necessary steps to carefully plan and manage our works so that these impacts are be reduced to a minimum.

To comply with HSE, Environmental Protection legislation we will ensure effective dust and emission control measures are in place for every dust generating activity.

During the project process the following actions will be undertaken

- Use of water suppression will be employed via mobile dust boss water misting equipment
- Encapsulation of areas of the building facing footpaths with plastic sheeting on scaffolding
- Damping down and covering of stockpiles
- Damping down during loading of vehicles
- Damping down of site during plant movements

Noise and Vibration

- 5.3.1 The construction works will comply with *BS 5228: Noise and Vibration control on construction and*
- *open sites* and the following generic mitigation measures are likely to be adopted:
- Modern, silenced and well maintained plant will be used at all times, conforming to standards set
- out in the EU Directives;
- Percussive plant will be avoided where alternative non-percussive plant is available for a given
- task;
- Equipment and vehicles to be shut down when not in use;
- Semi-static equipment is to be sited and oriented as far as is reasonably practicable away from
- noise sensitive receptors and will have localised screening if deemed necessary;
- Where possible, mains electricity to be used instead of generators;
- The preferred method of piling is bored piling. However, percussive piling shall be considered
- where ground conditions preclude the use of other methods or where sheet piling is required for
- temporary works, and prior agreement should be sought from the local authority;
- Burning equipment will be used in preference to cold cutting where possible;
- Where possible, crunchers should be used in preference to pneumatic breakers. Where
- breakers are used, they should be of a suitable size for the task.
- Large concrete pours (for which an extension of working hours may be necessary) will
- commence as early as possible within normal working hours so that activities can be completed
- within normal working hours as far as possible;
- Where necessary, any permanent noise barriers (i.e. earth bunding, site hoardings etc) would be
- constructed as early as possible in the construction programme;
- Cutting operations or other noisy tasks will be minimised through off-site fabrication where
- practicable. Localised shielding of noisy operations may be required;
- Wherever practical, noisy works, which are audible at the site boundary, will be undertaken
- during the following hours (unless otherwise agreed with OCC) - between 08.00 and 18.00
- Monday to Friday and between 08.00 and 15.00 on Saturdays;

Waste Management



The contractor will look to reduce the amount of waste material on site as far as reasonably practicable through waste minimisation, re-use and recycling.

The approach to the treatment of waste will be to appoint a waste manager.

The appointed person will be responsible for:

- Ensuring the site is kept clean and safe
- The collection of waste from a central point
- Segregation of waste on site
- The upkeep and maintenance of the SWMP
- Waste log

The remit will also ensure that all access routes, fire escapes and staircases are swept and kept clear of debris on a regular basis to maintain high standards of health and safety on the project.

All general areas of the project will be swept clean on a weekly basis. Sub- contractors will be responsible for removing waste emanating from their works to a central point on site.

As part of the environmental approach for the project they will be required to source materials from local companies if specification requirements and costs are met.

The contractor will be expected to work with the team to meet the required BREEAM rating.

Good Neighbour Policy

The Contractor will work closely with the Adur and Worthing Council and the local community, and ensure all staff and operatives take due care of the community and environment within which they will be working.

The site delivery team will have direct responsibility for fostering good community relations with all neighbouring businesses and residents, from the start of the project an individual directly involved in the management of the site will be identified as being specifically responsible for

community relations (Community Liaison Manager). This single point of contact will be established for all liaisons with the general public. We will initiate early communications to establish a good rapport with the community which will help reduce problems that may arise during the construction process.

It will be ensured that any particularly sensitive works or issues are dealt with in a professional and accountable manner, with the public and local community kept informed always. This may include things like out of hours delivery of large items of plant such as piling rigs etc. Information boards will be displayed on the site hoarding, which will highlight the key personnel on site including theircontactdetails.