Road Construction Phase 1 (4 weeks)

Road Construction Phase 1a (10 weeks)

Road Construction Phase 2 (4 weeks)

Scaffolding

Parking

Material storage

Stoned Areas

Construction Exclusion Zone - Tree Protection Fencing

Root protection areas

Site Hoarding 2.4m high

Heras Fencing

Loading Bay

Power Transformer

Skip - General waste

Skip - Plasterboard

Security Light

Fire Point

Assembly Point

Construction Method Statement

Under HSE CDM 2015 a Construction Phase Plan must be produced prior to construction. This Document with all associated risk assessments, reports etc will be on site at all time of which this Construction Management Plan will be part of.

(i) Parking of vehicles of site personnel , operatives & visitors as indicated.

(ii) Loading & unloading of plant & materials will be as indicated..

(iii) Storage of plant and materials including cement masonry & washing will be as indicated..

(iv) The erection and maintenance of security hoarding including decorative displays and facilities for public viewing as indicated.

(v) Construction vehicles & wheel cleaning as indicated.

(vi) Measures to be used for the suppression of dust & dirt throughout the course of construction will be as indicated.

(vii) The location of any site huts/cabins/offices as indicated.

Noise & Dust Environmental Impact statement:
This document will form part of the appendices of the CDM Construction Phase Plan in addition to the items covered under 3.1 (e) & (h). This statement has been produced due to the nature of the sites location and its proximity to neighbouring domestic properties and focuses on the impact to the Environment rather than the user.

Crayfern Homes will write to all surrounding neighbours informing them of the construction program including giving all contact details for the site team and Crayfern Homes head office construction team. Neighbours are invited to make contact at any stage if they have any concerns

Working Hours:
As stated within the planning supplementary information no work relating to the construction of the development will take place outside of the hours of 8.00am - 6.00pm weekdays and 8.00am - 1.00pm on Saturdays. No working on site permitted on sundays or bank holidays.

Preventative Excessive Noise and Dust issues:
The Control of Noise (Codes of Practice for Construction and Open Site) Order 1984 gives legal approval for BS 5228, parts 1 & 2, 1984. This provides information on noise and noise control on Construction Sites which will be followed on this construction project. Noise assessments are to be carried out and reviewed periodically by a competent foreman or site manager and every attempt shall be made to control noise at source. Where noisy activities are unavoidable the disturbance will be minimised/attenuated by choice of technique, timing, shielding or protection or siting the activity away from neighbouring properties in accordance with guidlines set out within BS 5228.

Vibration Roller for road construction within month 1 and 2 of construction to be rated at < 80db(A) as stipulated by HSE "The Noise at Work Regulations 2005".

Radios
Radios must be kept to an acceptable volume.

Bonfires
No bonfires will be permitted on site during clearance or construction phases.

Dust Suppression generally during Demolition:
Existing water supply is available on site. Suitably sized & quantity of hoses are to be used to fully dampen the building during construction & demolition & a stockpile being created or transported. Sufficient personnel shall be available to carryout this task to maintain fully dampened material.

Dust Suppression during Construction Generally:
Wheel wash facilities will prevent dust & dirt migrating onto the highway. Upto 1 road sweep a day with additional road sweeping to be undertaken when necessary to ensure highway remians clear of debris.
Roads to base will be constructed at the initial stage of construction to minimise dust & dirt migrating via transport.

360 degree tracked machine with grab during Demolition:
Machinery to be in good working order maintained with all silencers in place.
Demolition grab and machine to be used by competent person grabbing materials of sensible load sized preventing falling debris by premature collapse.

Petrol Disc Cutters during Demolition, Groundworks, Bricklaying & Roof Tiling:
Disc cutters are anticipated to be used during theses processes however should be used as a last resort. It is anticipated that disc cutters will be used upto 10 times a day for upto 2 minutes at a time. When disc cutters are used they should always have a water supply connected and working with the machine. All cutters shall be fit for purpose and fully maintained with only competent persons using. Cutters are to have silencers and be rated no more than 100db (A) however levels of use and noise shall be monitored with adequate breaks required as stipulated by HSE "The Noise at Work Regulations 2005".

Air Tools & Compressors:
These shouldn't be required, however if required alternative electric tools can be sourced. If in the event that there is no alternative sufficient breaks in using the tools should be monitored.

Hand Tools & Battery Tools:
To be used in preference to engine powered tools. No need for generators to be used as full 240v power reduced to 110V is available on site.

Lorry Delivery Types & Frequency
Deliveries include for vehicles covering groundworks and superstructure works from demolition through to final landscape works.

Month 1-4: 4 x 6/8 Wheelers per day, 1 x rigid lorry per day, 2 x arctic lorries a week.
Months 5-10: 4 x rigid lorries per day, 1 x box van a day, 3 x arctic lorries a week.
Months 11-14: 4 x 6/8 Wheelers per day, 1 x rigid lorry per day, 3 x box van per week, 1 x arctic per month
Months 15-18: 1 x 6/8 Wheeler per day, 3 x rigid lorry per week, 2 x box van per week, 1 x arctic per month

All vehicles will in general leave site by driving out forwards, if any large vehicles need backing out due to their size these will have 2 banksmen in attendance to manage the traffic and pedestrians when leaving site.

Vehicle Routing
Larger Vehicles to avoid Railway Bridge - Travelling east on A27 at the Crossbush Roundabout take the A284 South, at the next roundabout take the third exit onto the A259. Continue on the A259 unitl the junction with Yapton Road & turn right (B2233). Follow onto Burndell Road and turn left down Bilsham Road, the site entrance is on the left hand side BN18 0JJ.
Smaller Vehicles - Travelling east on A27 at the Arundel Roundabout take the fourth exit onto Ford Road. Follow onto Church Lane and at the roundabout take the third exit onto the A259. Take the first turning on the right onto Yapton Road (B2233). Follow onto Burndell Road and turn left down Bilsham Road, the site entrance is on the left hand side BN18 0JJ.

Temporary Traffic Management
All road opening licences will be applied for by the ground worker carrying out the works, letters will be sent to residents in advance of any works starting with statuary notices being posted on signs advising the public of upcoming works all as will be agreed prior to works taking place.

Parking
All construction and visitor parking will be on site.

Security
PIR wireless alarms to site accommodation and plots monitored by Southern Monitoring and Cobra Security.
CCTV/ PIR security lighting. Hoarding and fencing will be erected as shown on the drawing.

Public Consultation
All neighbouring properties will be sent a residents notification letter with copy of site plan and basic programme of works. Emergency contact details and contact details for Site Manager, Contracts Manager and Construction Director will be included. Any concerns can be raised and dealt with as appropriate. This information will also be displayed on the gates to the site.

Notes:-

1. All deliveries will be by the site entrance on Cinders Lane. Materials will be offloaded and moved to a suitable storage area.

2. A pressure washer will be available adjacent to the site exit. Prior to leaving site, all vehicles will have their wheels assessed by a nominate operative to see if cleaning is required. If so then all wheels will be washed using the pressure washer. This operative will also be responsible for cleaning the road, should it be required, as well as removing any debris that might fall onto it.

3. The area of Cinders Lane outside of the sites hoarding, except during the access road construction, is an area in which authorised access & full protective protection equipment is not required, once someone enters the site zone they need to have a full site induction and full protective & safety measures are to be implemented.

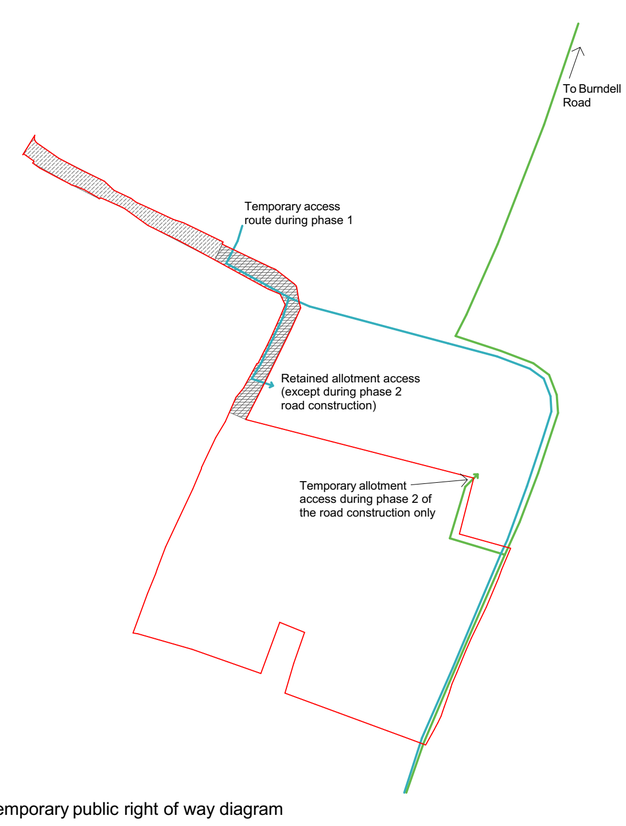
4. Right of access along Cinders Lane to be maintained; where temporary road closures are required for construction this will be agreed with the relevant neighbours.

5. Boundary fencing to be erected prior to groundworks.

6. A condition survey of the immediate vicinity of Burndell Road will be carried out pre & post construction.

7. All roads to be completed for access.

8. All site related uses must not encroach outside of the site boundary.



Phase 1 road construction right of way access routes (4 weeks)

Phase 2 road construction right of way access routes (4 weeks)

Temporary public right of way diagram

N

0 5 10 15 20 25m

ARUN DISTRICT COUNCIL Y/48/19/DOC

Rev C - 13.06.2019: Site to south shown as existing, heras fencing removed to south boundary - existing close board to remain
Rev B - 22.05.2019: Site layout amended
Rev A - 17.05.2019: Layout amended

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SITE WIDE ELEMENTS PLAN

DEVELOPMENT AT:

CINDERS LANE

YAPTON

BN18 0JJ

FOR

CRAYFERN HOMES LIMITED

Scale : 1:500 @ A1 Date : Feb 2019

Drawing No : 19.14.102 C