Development Hart Street Newsome, Huddersfield



Construction Management Plan (CMP)

Thursday, 9 December 2021

Revision	Revision Date	Editor Name	Position
0	09 Dec 2021	Craig Stevens	Construction Director
1	24 Feb 2022	Richard Smith	Pre-Construction Manager

Introduction

This construction method statement has been produced to provide further detailed information in support of Planning application 2016/60/91479/E and APP/Z4718/W/17/3173711 appeal decision.

Site Location

The proposed residential development is to construct 22 dwellings, with access, parking and associated landscaping on the behalf of Yorkshire Housing. The Site is in Newsome and within the administrative boundary of Kirklees Council. The site is situated in Newsome village and is approximately 1 mile south of Huddersfield, West Yorkshire, England. To the northern boundary of the site is Hart Street, with residential properties. To the east of the site is Newsome Road again with residential properties adjacent. To the south of the site is Naomi Street, which has a mixture of shops businesses and residential properties opposite the site. To the west of the site is stone built properties, which are understood to have originally formed part of the Newsome Mills Estate. These properties are now used as dwellings and business premises.
Continuing south along Newsome Road is Newsome Junior School, Newsome Academy & Castle Hill School.



Description of the works



Site Operating Hours

The proposed operating hours are outlined below. During the construction period it may be necessary in exceptional circumstances to work outside the prescribed working hours. Should this occur, the hours and duration of these works will be subject to consultation with Kirklees Council.

Official site working hours would be:

- Monday – Friday: 7:30am - 6:30pm
- Saturday 8:00 – 1:00pm
- Sunday/Bank Holidays: No Work

In order to maintain these working hours, contractor(s) will require a period of 30 minutes before and at the end of the working shift to start up and close down the works activities.

Construction Methods

The method of construction of the plots will consist of:

Stage 1

- Culvert Diversion in Newsome Road.
- New combined sewer connection in Newsome Road into site.
- Installation of gully protection to prevent detritus discharging from site.
- De watering of Newsome Mill Ponds.

- Engineered filling of previous ponds.

Stage 2

- New sewers and road construction to base course.
- Plot foundations.
- Plot drainage.
- External envelope
- Timber trussed roof with a felt and concrete tile covering.
- Upvc window and door systems
- Internal timber walls.
- Internal finishing.
- External plot service installation, footpath formation and plot landscaping.
- Topping of footpaths and highways.
- Adoption by local authority.

Construction Programme

The detailed Construction Programme will be made available for review in the site office.

The key dates presented in the programme (subject permits and approvals) are as follows:

Project Start	11th April 2022
Compound Setup	18th April 2022
Culvert Diversion	11th April 2022 - 15th April 2022
Site Enabling Works	25th April 2022 (16 Weeks)
Construction works commence	15th August 2022
Project Completion	03 July 2023

Vehicle Parking of Site Operatives & Visitors

During Stage 1 works there will be a limited number of operatives on site at any one time (circa 6 – 8 nr). Sufficient space is available on site to accommodate operative and visitor parking. Refer to Stage 1 Plan for location of parking.

During Stage 2 works two areas will be used for site staff and operatives parking.
Visitors will use the parking adjacent to the contractor staff parking.
Refer to Stage 2 Plan for location of parking.

During the fit out stages of the programme were a greater number of operatives will be present, individual parking spaces to each plot will be available for use as operative parking.

Public transport and cycle to work will be promoted and actively encouraged wherever possible.

Location of site compound, welfare and delivery areas.

Refer to Stage 1 Works Plan and Stage 2 Works Plan at Appendix A for the propsoed site logistic welfare, unloading.
All delivery vehicles can entre and exit the site in a forwards gear.

Hoarding

Refer to Stage 1 Works Plan and Stage 2 Works Plan at Appendix A
The site is to be secured by solid timber hoarding to the Newsome Road frontage and with Heras type anticlimb fencing to all remaining boundaries.

Deliveries and off-loading of materials – Movement of vehicles.

To avoid construction traffic congestion and nuisance to the surrounding area all suppliers and contractors will be made aware of traffic routes.

Site entrances will be maintained and kept clean and clear. There will be a road sweeper in operation when required and in line with the works activities to ensure no mud is left on the live highway.

During Stage 1 works vehicles will generally be 20t tipper lorries approx. 9.8m long. Refer to Stage 1 Plan for vehicles routes in and out of site.
During stage 1 works vehicles will be involved in the delivery of filling material to the site and will be subject to a delivery schedule so as not to congest the site. There is sufficient space to hold a number of HGV's on the haul road should one HGV arrive before the previous one has left.

During stage 2 works the scale of the site will generally only require the use of fixed back ridged vehicles up to approx. 11m length. Some materials will be delivered via articulated HGV's at a maximum of 22m length.
Refer to Stage 2 Plan for vehicles routes in and out of site.
During stage 2 works there is sufficient space on the new road layout to provide a waiting area for an additional HGV should one vehicle arrive before the previous HGV has left site. (refer to Stage 2 Pan).

During stage 1 & 2 works a banksman will be available to manage the maneuvering of HGV's in and around the site.

Site working hours are stated above and deliveries can be made during these times however, discussions will be held with local school(s) to review if deliveries could be times to be outside school drop off and pick up times

All materials will be unloaded in a safe manner using lifting equipment where possible within the curtilage of the development.
Deliveries will be undertaken whenever possible, outside peak hours but within the HGV movement time frame restrictions as highlighted above. Any traffic management measures required on the highway are to be communicated with as much lead in time as possible.

Storage - Due to the restrictions of space on the site Urban will plan phased timed deliveries directly to site. All deliveries will be marshalled via a banks-man on and off of site. Deliveries will be planned wherever possible, outside peak hours. Urban will have a full-time banks-man to oversee all deliveries and site traffic and movement of the tele-

handler on site. All equipment will be delivered via the site compound or directly onto site with deliveries being phased and co- ordinated so as not to congest the site access routes. Materials will always be stored in designated areas within the site; these areas may change/move during the project to suit construction activities with any changes being documented on the site traffic management plan. All materials will be unloaded in a safe manner using lifting equipment where possible. All materials will be stored and stacked safely in the allocated areas.

The methods to be employed to prevent mud, grit and dirt being carried onto the public highway.

Site Cleanliness – Urban will ensure throughout the works the roads will be kept clean, this will be through a combination of site personnel and mechanical cleaning equipment (road sweepers) as required.
'Site entrance ahead' signs shall be displayed on all approaches during working hours;
Wheel washing facilities as stated above, will be provided for both Stage 1 and Stage 2 of the works.
Every effort to clean mud/debris off vehicles before the vehicle leaves site will be made using wheel wash & pressure washing when necessary. Signs will be available (on site) and deployed at the first signs mud being deposited on the adopted highway i.e. slippery road sign with 'Mud on Road' sub plates and a Road Sweeper will be deployed.

Air Quality and Measure to control the emissions of dust and dirt during construction.

Subcontractors will be expected to take measures to minimise the presence of air borne dust during construction. Dust will be controlled on site using dampening techniques when required and housekeeping will be kept to the highest level to maintain levels of dirt.
Subcontractors will be expected to take measures to minimise the presence of air borne dust during construction such as using Dust Suppression Systems that are already widely used and readily available. For example, all cutting of dust producing materials will only take place with water spray dust suppression attached. There is to be no burning of materials on site.
Urban will ensure that all paths and access routes around the site will be kept clean, this will be through a combination of site personnel and mechanical cleaning equipment (road sweepers) as required. The site team will monitor this and arrange cleaning as required.
Where there is the potential for a high incidence of dust to occur water suppressant will be employed to keep dust levels down to an acceptable level. All plant and machinery will be in good order and maintained in line with service schedules and requirements.

Noise and Vibration.

Noise and Vibration will be kept to a minimum throughout the duration of the development. Urban will ensue that the latest machinery and tools are used with noise and vibration reduction features, and that this plant is maintained in line with manufacturer requirements to ensure that it performs as designed.
In addition to the above Urban will comply with the following:

- All statutory or other identified noise control limits
- Where necessary, plant and equipment will be silenced, screened and/or enclosed in accordance with the guidance of BS5228 and particularly noisy activities will be shielded by the erection of hoardings or screening.
- No explosives are to be used on site.

- The use of radios on-site is to be banned so that it does not cause a nuisance. Where it is deemed appropriate a Section 61 for “Prior Consent for Works on Construction Sites”.
- Vibration levels will be considered in line with BS 5228-2:2009+A1:2014.
- Noise levels during noisy operations will be monitored and recorded at the site boundary

Waste Management.

Waste materials will be placed in skips on site, with waste spoil being stored in a designated area on site until disposed of via a licensed waste contractor. Skips will be segregated wherever possible into separate waste streams, and be clearly labelled.
All waste transfer notes will be retained by head office.

Protection of Watercourse

The following activities may give rise to potential risks to water course contamination, and the following proposed mitigating measures against this have been identified.

a) Deliveries

Special care is to be taken during deliveries, especially when fuels and hazardous materials are being handled. All deliveries are to be supervised by a responsible person so that storage tank levels are checked before delivery to prevent overfilling and that the product is delivered to the correct tank. Contingency plans are to be agreed and suitable materials available to deal with any incident that occurs. All employees are to be briefed on the actions that are required in the event of a spillage. Any spillages are to be recorded and advised to Urban who will inform the LA if they deem it significant.

b) Storage

Many of the materials used in construction operations, such as oil, chemicals, cement, cleaning materials and paint have the potential to cause serious pollution. All fuel, oil and chemical storage must be sited on an impervious base within a bund and secured. The base and bund walls must be impermeable to the material stored and of an adequate capacity. Leaking or empty oil drums must be removed from the site immediately and disposed of via a licensed waste disposal contractor. The contents of any tank are to be clearly marked on the tank, and a notice displayed requiring that valves and trigger guns be locked when not in use.

c) Security

All valves and trigger guns are to be protected from vandalism and un-authorised interference and turned off and securely locked when not in use. Any tanks or drums are to be stored in a secure container or compound, which is to be kept locked when not in use. Bowsers will be stored within site security compounds when not in use.

d) Silt

Water containing silt is never to be pumped directly into the water course or surface water drains. Silty water can arise from excavations, exposed ground, stockpiles, plant and wheel washing.

e) Excavations

Measures are to be taken to prevent water from entering excavations. This could be using cut-off ditches to prevent entry of surface water and well point dewatering or cut-off walls for ground water. Personnel and/or plant are not to disturb water in the excavation.

f) Site roads
These are to be kept free from dust and mud deposits. In dry weather dust suppression measures may be required.

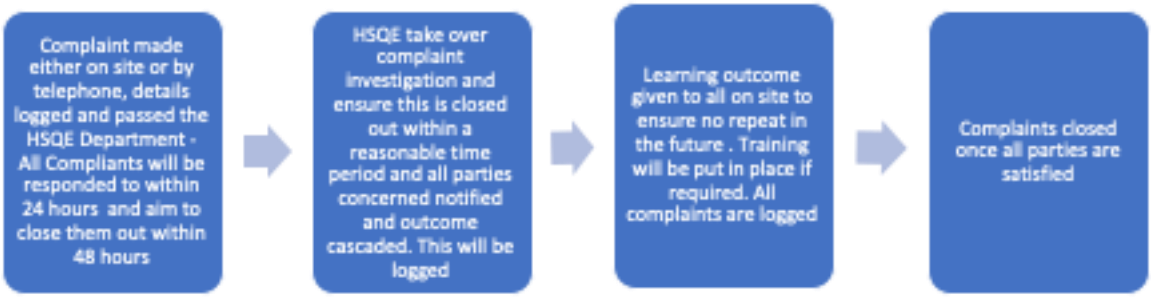
g) Concrete
Concrete is highly alkaline and corrosive and can have a serious impact on watercourses. It is essential to take particular care with all works involving concrete and cement. Suitable provision is to be made for the washing out of concrete mixing plant or ready-mix concrete lorries so that washings do not flow into any drain or watercourse or seep underground. In the event of a spillage on site, the material must be contained (using an absorbent material such as sand or soil or commercially available booms). All spillages are to be reported to the Urban who will inform the LA and the Environment Agency In the event of any significant occurrence.

Engagement with local Residents

The scheme is to be registered with the Considerate Constructor Scheme (CCS) and the schemes code of practice is to be adopted. As part of the CCS registration we are expected to deal in a considerate manner with any complaints or concerns resulting from the site's, company's or supplier's activities dealt with by the Scheme's public liaison officer who will mediate between the complainant until the matter has been satisfactorily resolved.

Urban will write to all local residents in the immediate area notifying them of our plans for the works and provide them with the Site Managers contact details. Urban will also post signage on the hoarding.

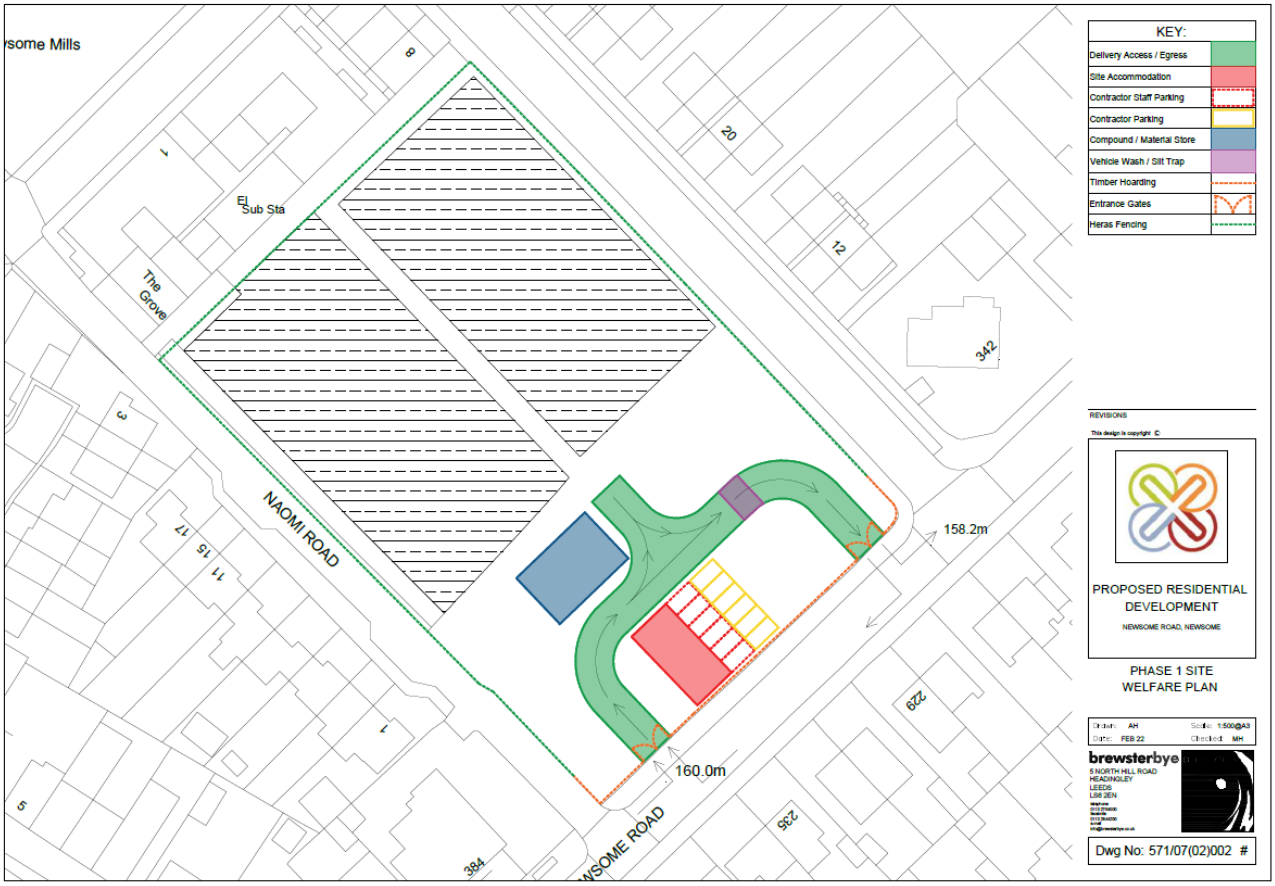
All complaints are logged and closed out. On site, Urban to carry out monitoring checks on a daily and weekly basis. The site manager will inform the SHEQ Manager of any complaints and a file will be opened. Urban will forward details of any complaints received to all the team involved and close out details and send copies as requested above.



Dilapidation Survey of adopted Highways

A survey of the surrounding public adopted highways will be undertaken and agreed with the Kirklees Council, Highways Department, prior to any works commencing on site and upon completion of the works.

Appendix A


KEY:
Delivery Access / Egress
Site Accommodation
Contractor Staff Parking
Contractor Parking
Compound / Material Store
Vehicle Wash / Silt Trap
Timber Hoarding
Entrance Gates
Heras Fencing
NAOMI ROAD
NEWSOME ROAD
158.2m
160.0m
The Grove
El Sub Sta
REVISIONS
This design is copyright ©
PROPOSED RESIDENTIAL DEVELOPMENT
NEWSOME ROAD, NEWSOME
PHASE 1 SITE WELFARE PLAN
Drawn: AH
Scale: 1:500@A3
Date: FEB 22
Checked: MH
brewsterbye
5 NORTH HILL ROAD
HEADINGLEY
LEEDS
LS6 2EN
Dwg No: 571/07(02)002 #


WELFARE SCHEDULE
Welfare Cabins
Road / Access
Compound
Parking Area
Access Gates
Heras Fencing
Timber Hoarding
Vehicle Clean Down and Power Wash Zone inc. Wash and Silt Trap
HGV Waiting Area
P.O.S.
POND
1:200 Site Plan
BBA
urban
NEWSOME PONDS
NEWSOME ROAD
PHASE 2 SITE WELFARE PLAN
DWG No: 571/07(09)001