

CONSTRUCTION
METHOD STATEMENT

FOR

BELLWAY HOMES
WEST MIDLANDS DIVISION

FOR THE DEVELOPMENT AT:

Land off Forest School Street
Rolleston on Dove

July 2018

Review and Amendment Record Sheet

Revision Number And Date	Description of update	Updated by	Approved by
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			

INTRODUCTION

This plan sets out how health and safety matters are to be controlled on site. It outlines the project to be undertaken including the matters listed in the following index

This plan must be used in conjunction with the company Health and Safety policy and procedures manual and contractor risk assessments and method statements

INDEX	Page
SECTION 1	
Name/Location of Project,	5
Description of project	5
Start date of project	5
Duration of project	5
Client	5
CDM Co-ordinator	5
Principal Contractor	5
Designer/s	5
Existing services on site	5
Site History - previous land uses of site	6
Surrounding land uses	6
Access to site	6
Public rights of way	6
Site contamination	6
Ground conditions	7
Road Cleaning and Parking	7
SECTION 2	
Management of the work	8
Management structure and responsibilities	8
Health and safety goals for the project	8
and arrangements for monitoring and review	8
Arrangements for:	
Liasing between parties on site	9
Consultation with workforce	9
Design considerations	10
The selection and control of contractors	11
The exchange of health and safety information between Contractors	
Site security	14

Site induction	15
On site training	15
Welfare facilities and first aid	15-16
The reporting of accidents and dangerous Occurrences	16
Approval of risk assessments	
Site rules	17
Fire and emergency procedures	17
Site fire plan	18-19-20
Emergency procedures	23
SECTION 3 Arrangements for controlling significant risks	25
Delivery and storage of materials	25
Waste	25
Stability of structures	25
Preventing falls	25 -26
Control of lifting operations	26
Maintenance of plant and equipment	26
Work on or near water	27
Traffic routes and segregation of pedestrians from vehicles/plant	27-29
Health risks including: -	
Manual handling	30
Use of hazardous substances	30
Reducing noise and vibration	30
Dust	31
Exposure to UV radiation (from the sun)	31
Any other significant risks	31
SECTION 4 The Health and Safety File	33
Layout and format	33
Arrangements for collection and gathering of information	
Storage of information	

SECTION 1

LOCATION/NAME OF PROJECT: LAND OF FOREST SCHOOL STREET, ROLLESTON ON DOVE	
DESCRIPTION OF PROJECT: ERECTION OF 100 No. RESIDENTIAL DWELLINGS	
START DATE OF PROJECT: AUGUST 2018	
DURATION OF PROJECT: 130 weeks	
CLIENT: Bellway Homes Ltd	
CDM CO-ORDINATOR: (team leader) Bellway Homes Ltd	
PRINCIPAL CONTRACTOR: Bellway Homes Ltd	
DESIGNERS: Bannersgate Ltd Golby & Luck FPCR Travis Baker	
EXISTING SERVICES	
GAS	NO
ELECTRIC UNDERGROUND	NO
ELECTRIC OVERHEAD(to be diverted)	NO
WATER	NO
BT	NO
FIBRE OPTIC	NO

MANHOLES/SEWERS	NO
SITE HISTORY - PREVIOUS LAND USES List: Vacant Land - Former Sports Field	
SURROUNDING LAND USES/boundaries List: North: Residential South: Sports Field & Farmland East: Residential West: Play area, Woodland & Tafflands Adventure Playground	
ACCESS TO SITE: Via: Forest School Street	
PUBLIC RIGHTS OF WAY If yes list precautions necessary:	NO
SITE CONTAMINATION: If contaminated list precautions necessary:	NO

GROUND CONDITIONS:

List:

The surface ground conditions were generally recorded to comprise grass over brown clayey topsoil to between 0.20m and 0.60m BEGL at all locations (with exception to TP05 as indicated below).

Grass onto made ground is present in TP05 (the location of the former pond). Varying made ground was recorded to 2.60m depth. 0.0-1.25m consisted of a sandy, gravelly silty clay topsoil, with gravel constituents of sandstone quartz and timber (suspected to be pond fill material). 1.25-1.65m black mottled grey slightly gravelly clay, gravel of quartz and timber (likely to be sediment / base of pond). 1.65-2.6m identified as probably made ground of capping material / clay lining of pond, consists of firm grey clay.

ROAD CLEANING AND PARKING

List: New roads "on site" to be kept clean with at least 2 cleans per day and 1 at the end of the working day.

Number of road sweeps to increase when wet weather conditions arise.

Road to be swept to site access along Forest School Street should any mud transfer onto the adoptable highway.

Wheel wash facilities to be provided on site in the form of pressure washer to allow mud and debris to be washed down in order that vehicles leaving site do not transfer mud onto roads off site.

During periods of dry weather, roads to be swept to suppress the blowing of dust.

PARKING:

All deliveries to be off loaded "on site" and vehicle turning to be made on site with vehicles leaving site in a forward gear.

All sub contractor parking and visitor parking to be made available "on site" in designated areas adjacent to site compound.

SECTION 2

MANAGEMENT OF THE WORK

The Site Manager will be present on site as far as is practicable at all times whilst construction work is being carried out on site. He is responsible for the day to day health and safety issues on site.

If for any reason he has to leave the site for short periods of time then a Competent Person will be appointed to attend to health and safety issues during his/her absence.

Lines of communication for health and Safety are shown in the Company Health and safety policy, a copy of which is held on site.

Details of health and safety training and experience is held at Head Office.

Position:

Name:

CONTRACTS MANAGER: c/o RICHARD HOLLAND

SITE MANAGER: to be advised

OTHER SITE SUPERVISION

Position

Name

Position

Name

Position

Name

HEALTH AND SAFETY GOALS FOR THE PROJECT

It is the aim of Bellway Homes to construct this site, in such a way as to alleviate any risks as far as practical to both site operatives working on the project and visitors or members of the general public including children.

ARRANGEMENTS FOR MONITORING AND REVIEW

1. Safety inspections will be carried out every : 4 weeks by our Safety Consultants.
2. A report of these inspections will be held on site. Site Managers must attend to all matters mentioned immediately and advise their manager what action has been taken on their monthly health and safety return.
3. A report will be forwarded by the Safety Manager/Consultant to:

Name: RICHARD HOLLAND

Position CONSTRUCTION DIRECTOR

They will ensure that the remedial action required has been taken.

4. All accidents will be investigated to ensure lessons are learnt and preventative measures are taken to ensure similar occurrences are prevented.

NAME OF CONSULTANT:	RICHARD HOLLAND
CONTACT TELEPHONE NO.:	01827 255755

ARRANGEMENTS FOR LIASING BETWEEN PARTIES ON SITE

SUB CONTRACTORS CONTACT WITH THE PLANNING CO-ORDINATOR TEAM WILL BE THROUGH:
Name: to be confirmed position: SITE MANAGER

CO-OPERATION AND CO-ORDINATION:
IMPORTANT
When necessary he will arrange site meetings with contractors to discuss any work which he feels may require co-ordination between them or other site operatives. Notes of these meetings to be kept in site diary.

CONSULTATION WITH PEOPLE ON SITE
We have a duty to consult with people on site. You are therefore advised a notice must be displayed advising all operatives on site to consult the Site Manager about any problems they have regarding Health and Safety.

DESIGN CONSIDERATIONS

Summary of any specific high-risk activities which cannot be designed out.

To be advised prior to works commencing on site

SELECTION AND CONTROL OF CONTRACTORS

All contractors who work on this contract:

1. Have been checked out to ensure provisions have been made for health and safety and their health and safety policy is up to date where applicable.
(Approved contractor list held at head office)
2. Issued with pre-construction phase plan where necessary
3. Issued with standard health and safety terms and conditions of contract.

HEALTH AND SAFETY PROBLEMS WITH SUB CONTRACTORS
--

This section must be filled in by the site manager where he has experienced problems with Sub Contractors on site giving the following information

NAME OF CONTRACTOR, HEALTH AND SAFETY PROBLEMS IDENTIFIED,
ACTION TAKEN

to be advised and reviewed prior to start of work on site

To be copied from this plan and display on site

NOTICE TO ALL SITE OPERATIVES AND SUB CONTRACTORS

Under the construction (Design Management) Regulations we have a duty to co-operate and consult with all contractors and employees on site with regard to matters of Health and Safety

You are therefore advised anyone working on this site who is concerned about health and safety issues must contact:

SITE MANAGER : to be advised

If you find the site manager is unable to resolve the problem then you must contact

CONTRACTS MANAGER: c/o Richard Holland

SECURITY

To be decided at Pre-start meeting

FENCING REQUIREMENTS:

Permanent 1.8m high Herras fencing to be fitted at an early stage

SAFETY SIGN REQUIREMENTS

Standard health and safety signs to be displayed on site
Signs to be fitted marking site car park and pedestrian routes
Health and Safety notice board to be fitted in canteen and office

SECURITY ARRANGEMENTS

Minimum requirement: The site manager or his nominated representative will check the perimeter fence ensuring all is secure before locking the site before leaving

SPECIFIC RULES:

No smoking
No chain saws
Only 110V tools on site
All operatives / contractors to sign in on daily basis
Parking in car park only

SITE INDUCTION

All operatives on site to receive trade specific and general induction training before working on site.

ON SITE TRAINING

SITE MANAGERS

It is company policy that site managers receive training in the following:

SITE SAFETY AWARENESS, 5 DAY SITE CITB SAFETY MANAGEMENT, SCAFFOLD APPRECIATION, EXCAVATION SAFETY, 4 DAY FIRST AID, RISK and COSHH ASSESSMENT. Specialist training will also be carried for lifting operations and as site operations dictate.

OPERATIVE TRAINING:

Operatives carrying out specialist duties as follows will require proof of training:

SCAFFOLDING INCLUDING THE ERECTION OF TOWER SCAFFOLDS,
OPERATING ANY PLANT OR EQUIPMENT,
LIFTING OPERATIONS, SLINGING,
BANKSMAN,
EXCAVATIONS,
ENTRY INTO CONFINED SPACES,

Copy certificates of such training must be obtained and listed.

GENERAL TRAINING

Anyone who is exposed to a hazard identified by a risk, coshh manual handling, or noise assessment must be given copies of relevant parts of those assessments. They should be informed of the nature of the hazard, the risk involved and the control measures required. They should receive training in the use of control measures (where necessary) especially in the use of protective clothing and equipment.

TOOL BOX TALKS

It will be necessary to hold such talks where site inspections or general experience on site show that defects in health and safety performance is due to a lack of knowledge or understanding on the part of the site workers. For instance, if there were repeated defects in scaffolding due to unauthorised modifications, then a talk on scaffold appreciation would be required. These talks could be given by the site manager or other appropriate employee

WELFARE FACILITIES

Welfare facilities from day 1 to include:

Locking mess room with seating (all seats must have a backrest)

Locking drying room

Cooking and drinking water facilities (in canteen)

Hot/cold running water with supply of soap/towels

Toilets

FIRST AID

A qualified first aider will be present on site at all times and ensure the first aid box is available and adequately stocked.

NAME	to be advised	POSITION	Site Manager
------	---------------	----------	--------------

REPORTING OF ACCIDENTS

THE SITE MANAGER:

will ensure all accidents on site are recorded in the site accident book and the appropriate action taken.

He will also ensure adequate first aid equipment is kept on site at all times.

REPORTING OF RIDDOR INFORMATION

RIDDOR "Reporting of Injuries, Diseases and Dangerous Occurrences Regulations."

The Site Manager will ensure all accidents, ill health and dangerous occurrences which need to be reported to Health and Safety Executive (over 3 days absence from work) not including the day of the accident, are reported to their Safety Consultant without delay and a Bellway Accident report form is completed and faxed to N Squires at 01661 844725 without delay.

PLEASE NOTE: All contractors working on site have a duty to report all accidents to the Health and Safety Executive on form F2508.

A COPY OF THAT REPORT MUST BE FORWARDED TO:

Name	Nigel Squires	Position	Group Safety Manager
------	---------------	----------	----------------------

SITE RULES

SITE RULES TO BE FOLLOWED ON THIS CONTRACT

GENERAL:

1. All operatives will be induction trained.
2. Safety Helmets to be worn at all times whilst out on site.
3. Safety footwear to be worn on site
4. All operatives and visitors to sign in and out
5. High viz. vest/coat to be worn at all times

HOURS OF WORK:

days: MON - FRI

times: 07.00 - 17.30

other SAT 8.00 - 14.00

DELIVERIES RESTRICTED TO :

days: MON - FRI

times: 09.30 – 15.00

SPECIFIC SITE SAFETY RULES:

Only 110v hand tools to be used on site

No smoking in canteen, cabins, toilets, plots, in plant or equipment cabs or any enclosed area on site.

Where appropriate, smoking areas will be designated and sand buckets or similar will be provided to ensure cigarettes are safely extinguisher

Parking to be in designated areas

Fire extinguisher to be provided during all hot works

These rules must be brought to the attention of all operatives on site and a copy displayed in the site office and mess room

Note: a non-enclosed space is a roof with one wall, i.e. a canopy and may include two supporting corner columns (100mm)

FIRE AND EMERGENCY PROCEDURES

SITE FIRE PLAN

FULL SITE ADDRESS:

LAND OFF FOREST SCHOOL STREET
ROLLESTON ON DOVE

INDUCTION TRAINING

All site operatives will be advised about: -

- a) the fire warning system in use
- b) what to do in the event of fire
- c) location of fire points
- d) where to assemble
- e) our no smoking policy
- f) our policy on hot works
- g) that all operatives must sign in each day and sign out when leaving site
- h) Individual duty to comply
- i) Site Storage Policy, restrictions and prohibitions

SITE FIRE RISK ASSESSMENT

A Fire Risk Assessment must be raised, in place and maintained for the site

ROLE CALL

A Fire Marshall (Site Manager) is appointed to: -

FIRE MARSHALL (Site Manager) is appointed:

NAME: to be advised

- a) take a role call of operatives on site at the fire assembly point
- b) be responsible to direct the fire brigade to the fire

Note- A Deputy Fire Marshall will be appointed to take charge of the situation in the absence of the Site Manager. This will normally be the Assistant Site Manager (where appointed) or other responsible person e.g. FLT operator.

DEPUTY FIRE MARSHALL

NAME: to be advised

FIRE ASSEMBLY POINT

A fire assembly point will be marked with a sign at the following location: -

to be advised

FIRE ROUTES

In flats/apartments emergency fire routes must be provided and marked with signs directing operatives out of the building/s

These routes must be provided with suitable lighting to ensure ease of access/egress.

The site manager will appoint a fire warden/s to regularly check fire routes are marked with the required signage, lighting is provided, fire points are provided on each level, the warning system and extinguishers are in good repair. A log should be kept of these inspections. These checks should be carried out at least weekly.

The fire warden/s must also be instructed to ensure fire routes are kept clear of materials and trip hazards.

EMERGENCY PROCEDURE

Notices will be prominently displayed giving information on what to do in case of a fire.

HOT WORKS

Hot works will not be started until a suitable fire escape route is provided.

PERMIT TO WORK

Once a safe exit route is established and marked with signs then hot works can proceed, but only after authorisation by the site manager who will implement a “permit to work” system and ensure the operative/s carrying out such work has a suitable fire extinguisher with him at the work location.

HIGHLY FLAMMABLE LIQUIDS (petrol, paints, thinners etc)

- For immediate use will be kept within suitably designed containment, with content identification.
- Bulk storage must be stored as pre-agreed by the Site Manager, dedicated to the task, fully secure and kept free of other incompatible, combustible materials.

LPG STORAGE

- All LPG cylinders will be stored in suitable cage containers in the open air, within the pre-planned, dedicated storage area.
- Oxygen and acetylene bottles shall be stored separately.
- Cylinders will be placed in groups, both full and empty and marked as such.
- A warning sign must be placed on the storage container e.g.: -“ DANGER HIGHLY FLAMMABLE LIQUIDS, NO SMOKING OR NAKED LIGHTS”
- Such containers must be kept clear of other combustible materials.

NO SMOKING POLICY

There is a “ no smoking policy” in all buildings under construction and in all welfare cabins.

A designated area will be provided for smoking, with suitable facilities to extinguish cigarette ends, e.g. bucket filled with sand.

FIRE FIGHTING EQUIPMENT

Suitable fire extinguishers points will be provided within the stairwells, on every other floor level of apartment blocks under construction (as a minimum precaution), within bulk storage areas, in the canteen/s, in the office/s and the drying room.

All extinguishers to be suitable for the purpose and regularly checked. The results of these checks should be entered in the fire log.

SMOKE ALARMS

Smoke alarms will be fitted in the canteen/s, office/s and drying room

WELFARE HEATING

Convactor heaters will be used for the heating of welfare facilities (offices, canteens and drying rooms) and NOT open gas heaters. Warning signs should be installed reminding operatives not to hang or place clothing etc above heaters.

COOKING/HEATING OF FOOD

Microwave ovens to be provided for the heating of food instead of cooking rings.

GAS FIRED SPACE HEATERS

Where gas heaters are used for drying out purposes, then they must only be used when an operative is present, and not left unattended. They will be the subject of a Hot Works permit issued by the Site Manager who will inspect the work area before the use of the appliance

FIRE WARNING SYSTEM

A manual bell will be mounted on each level of all apartment blocks within the building and strategically placed on all standard 2/3 storey mixed housing developments, to enable operatives to raise the alarm should there be a fire.

PLANT

It is recommended all mobile plant on site has a suitable, regularly maintained portable fire extinguisher and mandatory on all high-risk plant in case of emergency.

SITE FIRES

There will be NO burning of any material at any time on site.

Where asphalt tools need to be heated for operational purposes, fires must be contained in suitably robust metal containers, which will:

- Retain the fire and any sparks safely
- Not produce black smoke
- Stable during use, so as not to endanger the operatives and others
- Only be used for the designed purpose and
- fully extinguished on completion of task
- A suitable extinguisher will be readily available at all times

ELECTRICAL SYSTEMS/EQUIPMENT

All electrical systems will be regularly checked and electrical equipment PAT tested. A record of these tests/inspections should be recorded.

SALES (temporary cabins)

No smoking to be permitted in sales unit. Visitors to be advised accordingly. Electric convactor heaters to be provided to temporary sales units. Suitable fire extinguisher to be provided to all units

SALES OFFICES/SHOW HOMES

No smoking to be permitted in sales area. Suitable fire extinguishers to be provided to all sales areas and regularly inspected. The results of these inspections will be entered in the fire.

Bellway Plc - Fire Prevention Inspection Appendix A

Page 1 of 2

Division:		Date	Name:		Signature
Site Name:					
✓	Items to be Checked	Location	Results of Check	Action to be Taken	
	1. Fire Extinguishers				
	Location				
	Condition in date				
	Are they located in designated areas				
	2. Fire Warning System				
	Smoke alarms fitted				
	Smoke alarms working				
	3. Escape Routes				
	Identified and Signage in place				
	Lighting				
	Free from Obstruction				
	Stairways/ ladders available for escape				
	4. Compartmentalisation				
	Can compartments be built practically to stop the spread of fire?				
	Are compartments already constructed as part of the permanent works obstructing escape routes?				
	5. Procedure for Calling Fire Brigade				
	In Place?				
	6. Access for Emergency Vehicles				
	In Place and clear?				
	7. Fire Drill / Muster Point				
	Carried out In last 6 Months?				
	Fire muster point clearly marked?				

				Page 2 of 2
✓	Items to be Checked	Location	Results of Check	Action to be Taken
	8. Housekeeping			
	Is rubbish cleared daily?			
	Is the site clean and tidy? Detail all areas requiring attention.			
	Are there uncontrolled stockpiles of combustible materials or packaging?			
	9. No Smoking Policy			
	Is there evidence of smoking in restricted areas?			
	Have smoking areas been established?			
	10. Heating Units in Offices / Welfare			
	Correct Type and suitable location?			
	Good Condition			
	11. Hot Works Tasks			
	Permit to work used? Is it effective?			
	Fire extinguisher available nearby?			
	Surrounding area clear of combustible material?			
	12. LPG and Propane			
	Containers kept in cage externally?			
	Flash back arresters fitted?			
	Are gas bottles left unsecured?			
	13. Storage of Combustible Materials			
	Not Accumulating			
	Away from Heat Source			
	14. Training			
	Induction Fire protection appointees			
	15. Other Items (Specify)			
	Fire Hydrant Signs			

EMERGENCY PROCEDURES

FIRE

A prominent notice must be displayed on site giving the exact site address.

IN THE EVENT OF FIRE:

1. Raise the alarm
2. Fight the fire with equipment on site if safe to do so.
3. Dial 999 and give the exact site address.
4. Detail a guide to direct the emergency services onto site.
5. Ensure everyone assembles at the "ASSEMBLY POINT" and check no operatives are missing.

CONFINED SPACE ACCIDENTS

1. Alert the emergency services
2. Under no circumstances allow anyone to enter the confined space.
3. Rescue procedures should only be undertaken by those who are trained and competent to do so and have the correct equipment. (i.e. are wearing a safety harness attached to a safety line with the means to lift them out should difficulties arise.

NOTE: entry should only be attempted when the confined space has been tested for the presence of toxic/flammable gases and/or oxygen deficiency and confirmed as safe to enter. Continuous monitoring of the atmosphere must be carried out and a suitable breathing apparatus worn.

To copy from plan and display on site

EMERGENCY TELEPHONE LIST

FULL SITE ADDRESS

LAND OFF FOREST SCHOOL STREET
ROLLESTON ON DOVE

SITE TELEPHONE NO: TO BE ADVISED

FIRE

POLICE

AMBULANCE

DIAL 999

1. TEL THE OPERATOR WHICH SERVICE YOU REQUIRE
2. GIVE THE SITE TELEPHONE NUMBER
3. WAIT FOR THE EMERGENCY SERVICE TO ANSWER
4. GIVE THE FULL SITE ADDRESS
5. GIVE ANY OTHER NECESSARY INFORMATION

HEALTH AND SAFETY EXECUTIVE

TEL NO:

SAFETY MANAGER /CONSULTANT NAME:

NIGEL SQUIRES

TEL NO. 01661 842781

MOBILE

CONTRACT MANAGER NAME:

TEL NO: c/o R.Holland

SECTION 3

ARRANGEMENTS FOR CONTROLLING SIGNIFICANT RISKS

DELIVERY AND STORAGE OF MATERIALS

Delivery vehicles to access the site off public highway, off load to secure compound area

WASTE

Site to be maintained in good order with clear pedestrian routes and access throughout the site

STABILITY OF STRUCTURES

WALLS

Freestanding walls must be fitted with stays/bracing to provide stability

FLOORS

All floor joists placed on metal hangers must be securely propped to prevent collapse

PREVENTION OF FALLS

SCAFFOLDING

All scaffold platforms above a traditional foot scaffold in height will be fitted with double guardrails and toeboards. Brickguards to be fitted where there is a chance of materials falling from the platform

FLOORING WORKS

- ☐ BEANBAGS WILL BE USED TO REDUCE FALL INJURY
- ☐ CRASH DECK WILL BE USED TO PREVENT FALLS
- ☐ NETS WILL BE USED TO PREVENT FALLS

ROOF WORKS

- ☐ BEANBAGS WILL BE USED TO REDUCE FALL INJURY
- ☐ CRASH DECK WILL BE USED TO PREVENT FALLS
- ☐ NETS WILL BE USED TO PREVENT FALLS

OTHER WORKS AT HEIGHT IDENTIFIED

CONTROL OF LIFTING OPERATIONS

MOBILE CRANES

All complex lifts to be carried out using a contract lift

Straightforward lifts:- eg: (trusses/small steel work etc)

1. All lifting operations will be under the supervision of a crane co-ordinator
2. Loads for lifting must only be attached by a trained slinger/banksman
2. A lifting plan must be drafted for all lifts other than by F/Lift or delivery vehicle mounted cranes i.e. HIAB (which may only lift loads off directly to the side of the delivery vehicle.)

MAINTENANCE OF PLANT AND EQUIPMENT

WORK ON OR NEAR WATER

Any work to be undertaken adjacent to water

YES/NO

Precautions necessary:-
(list)

TRAFFIC ROUTES

TRAFFIC MANAGEMENT

It has been recognised a traffic management plan is required for this development. The following information sets out how plant and vehicles will be managed on site. In addition, a site plan will be marked up showing traffic and pedestrian routes on site.

The site is being developed by Bellway

☒ solely

☐ as part of a shared development with:

The traffic plan is

☒ A sole plan issued by Bellway

☐ A plan agreed with other site developers

SITE PARKING

The parking of contractors vehicles will be at the location indicated on the attached site map. Vehicles should be so parked that they will not need to reverse into the site roads

Parking will not be permitted inside either the construction area or occupied sections of the site

In order to ensure visiting members of the public do not need to drive within the construction area a carpark will be provided at the sales centre for their use.

RULES: No parking on footpath

CONSTRUCTION VEHICLE MOVEMENTS

Site construction vehicles will only be operated/driven by those who hold a relevant certificate and or licence.

All equipment on site will be inspected, tested and serviced at the appropriate times as laid down by legislation and the manufacturers instructions

All construction vehicles/plant when not attended will be parked and immobilised with the keys removed

Inspections and test certificates must be made available to the site manager and appointed safety advisor upon request.

Where construction vehicles are operating on roads to which the public has access roof beacons/headlights will be used.

MOBILE PLANT AND EQUIPMENT

It is the policy of Bellway Homes that: -

1. all mobile plant on site will have audible reverse warning fitted
2. all 360 Excavators, F/Lifts and Telehandlers are fitted with mirrors including side and tail mirrors or better to ensure good all round vision
3. all split chassis dump trucks are fitted with cameras to aid reversing on site.

SPEED LIMITED

A maximum speed limit of 10 mph will be set on this site, signs to be displayed

HAZARD FENCING

Where specific hazards may produce additional risks to the movement of site transport and pedestrians, they must wherever possible be protected by a physical barrier and high visibility plastic fencing. This will include scaffolding close to the road and excavations.

PEDESTRIAN ACCESS ROUTES

Pedestrian access routes will be marked on a plan and displayed on site

Crossing points across main site roads will be chosen to ensure maximum visibility

Where necessary pedestrian routes will be marked off with fencing until the permanent footpaths have been installed

COMPOUND AREAS

- ☒ The compound area will have a separate pedestrian access and vehicle entrance. If
- ☐ There is no compound as such on site. Pedestrian access to the welfare cabins will be fenced off as necessary for safety reasons.

MATERIAL DELIVERY AND STORAGE

All deliveries to the site will be made via: FOREST SCHOOL STREET

- ☐ It will not be necessary to have a delivery waiting area
- ☐ It will be necessary to have a delivery waiting area
- ☐ Due to the site layout it will be necessary to use a banksman to reverse delivery wagons into storage/off load area
- ☐ A one way system will be operated; see signs and site traffic plan
- ☐ Where materials are delivered to the working area they must not be placed in such a position that they block access or pedestrian routes.

- ☐ Ground works Contractor will be responsible for ensuring their delivery vehicles are supervised when reversing into a storage or off load area
- ☐ Any loads above 1.2 metres that require access for slinging etc. must include fall protection

ROAD CLEANING

Road cleaning will be done on a regular basis to ensure the site roads are safe as far as possible.

- ☒ A wheel wash must be provided
- ☐ A wheel wash is unnecessary

VEHICLE MOVEMENT RESTRICTIONS

- ☒ Because of the location of schools or planning requirements, deliveries will ONLY be accepted between the hours of 09.30 and 15.00 (Suppliers have been advised)
- ☐ There are no restrictions on vehicle times other than normal site working hours

TERRAIN

- ☒ The terrain of this site will present no abnormal risks of vehicles overturning
- ☐ The terrain of this site due to the contours may present risks to plant overturning whilst operating on site A strict policy will be enforced to ensure plant is fitted with the required roll protection and that operators of equipment wear seatbelts at all times

HIGH VISIBILITY CLOTHING

It is the policy of Bellway Homes all site operatives wear high viz. clothing whilst out on site

MONITORING AND CONTROL

It is the responsibility of the Site Manager and visiting Managers

Supervisors appointed by contractors on site will ensure that persons working under their control comply with these requirements

ADDITIONAL INFORMATION (list)

INDUCTION

All persons working on site will be inducted in the relevant sections

HEALTH RISKS: -

MANUAL HANDLING

Kerbstones to be lifted and fitted mechanically

Paving flags over 20kg to be fitted mechanically

Artstone

- ☐ to be reduced in size
- ☐ fitted with lifting aids to allow for mechanical handling

Bags of materials to be ordered in small units to aid manual handling

USE OF HAZARDOUS MATERIALS

COSHH assessments must be available for all hazardous materials on site

REDUCING NOISE AND VIBRATION

Consideration will be given to the neighbouring community at all times with regard to noise. Care will be taken when using loud equipment near to the boundaries of the site. Ways in which we will achieve a reduction in construction noise are stated below.

Bellway will achieve the lowest reasonably practicable noise levels by utilising well maintained Plant/Equipment which suppress the noise of normal working operations. This plant will be checked to ensure the noise suppression equipment is maintained in good repair in order to provide a minimum disruption to occupants and neighbouring houses and the local community.

Due to the ground conditions on site the plots will require piled foundations - Bellway will be using a competent piling contractor for the development and noise will be monitored at the boundary whilst piling. In the Northern most portion of the site the piling will be CFA instead of driven pile to minimise the noise and vibration to the adjacent land. Noise will be measured during the operations to ensure it doesn't go over the action levels prescribed by law.

When construction occurs near to an occupied dwelling Bellway will ensure all practical measures are taken to minimise noise. The recommendations in BS 5228-1:2009 shall be adhered to for noise levels at the site boundary.

Machines in intermittent use will be shut down in periods between works or throttled down to a minimum. Bellway will remove from the works any item of plant in which the site manager is of the opinion that the plant is ineffectively silenced.

It is proposed that no construction work on this site shall be undertaken outside of the hours of 07.00 to 17:30 (Monday-Friday), and 08:00 to 14:00 Saturday, with no working hours on Sunday's or Bank Holidays. If work is required outside these hours it will be agreed beforehand with the council on a case by case basis.

Bellway will reduce the hazard from Hand-Arm Vibration and Whole Body Vibration in line with the Control of Vibration at Work Regulations 2005. Equipment will be selected where possible with low levels of vibration. Correct tool selection for the task will be necessary along with a selection of competent operatives to undertake the task. Job rotation will be under-taken where required ensuring operatives stay dry and warm to maintain blood circulation e.g. correct PPE will be provided, Bellway will also ensure operatives are aware of this hazard.

DUST

We will endeavour to ensure that spoil heaps are located carefully to minimise the risk of dust transitioning beyond our site boundaries. If dust does become an issue with any spoil heaps these can be dampened down if necessary to reduce the risk of dust contamination.

The road system will be constructed early within our build programme and therefore the amount of dust generated will be reduced greatly.

Dust control is essential during construction activities and will almost certainly be required at various stages of the development. Contractors will be required to take reasonable measures to minimise the presence of dust.

The principle mitigation measure is to avoid contamination to the neighbouring dwellings therefore, where possible dust will be suppressed at its source by using the following methods:-

- Water suppression for concrete products.
 - Water bowser/cube will be on site as a means of dust suppression and to control dust at short notice.
-
- Dust extraction for cutting/sanding of timber using M or H rated filter.
 - Dust masks must be used – FFP3 standard as a minimum.

- All operatives required dust masks will be face fitted.
- The site will regularly be inspected and site boundaries checked for dust deposits and removed as necessary.
- Any Haul roads on site e.g. leading to the compound, will be constructed using tarmac as per the Dust – Best Practice guide to minimise dust.
- Labourers will be provided with Industrial Vacuums using M or H rated filter to ensure dust is removed from dwellings under construction.
- A wheel wash will be provided to the exit of the site if required.
- We will be providing a road sweep and will constantly monitor the frequency of sweeps under a rolling contract with the contractor, therefore if needs be we will be utilising these services daily should the need arise.

- The site manager will have in place dust prevention and mitigation measures bearing in mind the principles and recommendations of the IAQM Guidance on the assessment of dust from demolition and construction (2014) or similar documentation. There will also be a copy of these documents made available to the site manager on site. Along with wood dust controlling the risks – WIS23, section of respiratory protective equipment suitable for use with wood dust – WIS14 (Rev 1), Control of Exposure to Silica Dust – INDG463.

EXPOSURE TO UV RADIATION

- ☒ Warning notices to be displayed outlining the hazards of working in the sun
- ☒ A high factor sun block to be provided in the site toilet block

ANY OTHER SIGNIFICANT HAZARDS

list

NONE

THE HEALTH AND SAFETY FILE

The standard "NHBC HOME OWNERS HEALTH AND SAFETY CARD" will be filled in and issued to all clients by:

name: R.Holland	position: Construction Director
-----------------	---------------------------------

Any additional items will be added where it is felt necessary

NOTE: TO BE DECIDED AT PRE-START MEETING

HOUSE TYPE	EXTRA INFORMATION TO BE SUPPLIED

SAFETY FILE compiled by:

Information to be included in safety file for Housing Association/ Management Company: *
delete *

SAFETY FILE compiled by:

Information to be included in safety file for Local Authority: