

Western Way, Melksham - BDW

Construction Method Statement

CONDITION 18 - PL/2022/08504



This Construction Method Statement & Construction Environmental Management Plan incorporates the requirements of the Construction (Design & Management) Regulations, Joint Code of Practice for Fire Prevention on Construction sites and requirements for Environmental planning and control.

Development	<u>Western Way, Melksham</u>		
Divisional Office	<u>Barratt Bristol</u>		
Client	<u>BDW Trading LTD – Bristol Division Managing Director (Robert Hart)</u>		
Principal Contractor	<u>BDW Trading LTD - Bristol Division Construction Director (Kevin White)</u>		
Principal Designer	<u>BDW Trading LTD - Bristol Division Technical Director (David Bond)</u>		
Lead Designer	<u>Pegasus Planning Group</u>		
Description of Development	<u>Construction of 210 dwellings, including roads, sewers, balancing pond, pumpstation and public open space with associated orchard, allotments, MUGA and play area</u>		
Development Start	<u>2027</u>	Completion	<u>2032</u>

Contents

- Part A Record of Amendments to the Plan
- B Specific Environmental Management Controls (including Environmental Objectives)
- C Site Management Safety Duties/Schedule of Inspections
- D Schedule of Principal Site Specific Operations and Controls

Appendix 1 Site Specific Measures to Reduce Dust Pollution

Appendix 2 Site Specific Noise Reduction Measures

Appendix 3 Site Specific Vibration Mitigation Measures

Appendix 4 Site Specific Light Pollution Reduction Measures

Appendix 5 Site Compound and Parking

Appendix 6 Wheel Washing

Appendix 7 Site Specific Protection for Existing/Retained Habitats

Appendix 8 Construction Traffic Access Routes to Site

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Part B – Arrangements for Managing the Development

Organisation

It is the responsibility of the Contracts/Project Director/Manager on this development to ensure the Occupational Safety, Health & Environmental Management System (OSHEMS) is observed by all employees and contractors.

The Contracts/Project Director/Manager may delegate aspects of Management to other members of the site team as identified in this Plan. However, the Contracts/Project Director/Manager retains responsibility for ensuring the roles are carried out.

Review of the Plan

The plan will be reviewed throughout the duration of the development and a formal review undertaken every 3 months by the Contracts/Project Director/Manager or if arrangements on the development alter. The review will examine the detailed control measures required for each element of the development and evaluate current performance. Safety, Health & Environmental (SHE) documentation is continually updated by virtue of the site SHE filing system.

Safety, Health and Environmental Inductions

All persons working on the project will be provided with a SHE Induction identifying site rules and general requirements prior to commencing work. The Induction will be site specific and a record maintained on site. The site-specific rules and relevant emergency procedures will be communicated and included in the induction. Training provided to operatives will be evaluated by Site Management to ensure they have achieved the required competency to carry out the tasks.

Inductions will include all aspects of SHE control measures on site including the requirements to manage and segregate waste in accordance with this plan. Induction will also ensure that all site operatives are aware of the procedures minimising water and air pollution.

Selection and Appointment of Sub-Contractors

All contractors are required to complete an assessment of competency via one of the Site Safety in Procurement Schemes (SSIP). Their performance on the project will be continually assessed as the development progresses.

The Contracts/Projects Director/Manager will advise each contractor of the safe system of work information required for each work element. The contractor will be required to provide documentation acceptable to the Site Management team before they start work on site.

A copy of the Group's Safety, Health & Environmental Code for Subcontractors will be issued to all sub-contractors. The code provides detail on the minimum standards to be applied on our developments.

Communication and Co-ordination

The OSHEMS is the fundamental method for ensuring consistency on site. This management system is complimented by issuing regular Safety, Health & Environmental Alerts, which identify any changes in policy or management arrangements. Changes in policy or arrangements are reviewed at quarterly Group SHE Committee Meetings and details of any changes are issued via the Company's Group memo system. The Divisional SHE Manager will attend Bi-Monthly SHE meetings where these policy and arrangement changes can be discussed with Senior Divisional Managers. Discussions will also be held with the Site Management Team during regular visits to developments by the SHE Manager.

Subcontractor progress meetings will be held as required with the nominated person responsible for each contractor on site. The intention of the meeting is to communicate the SHE requirements for management on the project and to discuss forthcoming work and required control measures.

A poster will be displayed in the site offices identifying whom to contact in order to consult on SHE matters. The group has also introduced a 'Safecall' system for any person to provide information on SHE matters which in their view are not being dealt with by our management. The telephone number of the SHE Manager will, in addition, be displayed in the site office.

Specific details for means of consultation with the workforce are detailed in this plan.

Safety, Health & Environmental Briefings (SHEB's)

SHEBs or tool-box talks will be provided to site operatives and should reflect the actual work being undertaken on site. The briefings can be undertaken by contractor supervisors if they are deemed competent. Records will be maintained of the briefings.

Safety Alerts/Incident Announcements

These are issued on the basis of learning from near misses or incidents or if a specific issue SHE issue requires disseminating through the Company. These will be briefed to the relevant personnel that they affect and be recorded. They will also be displayed on the SHE notice boards.

Monitoring of SHE Standards

Formal monitoring of the development will be undertaken in the following manner:

A review of site SHE performance will be undertaken by the Site Manager daily and recorded in the site diary. The site management team will also carry out formal recorded inspection of the project every week. The Contracts/Project Director/Manager will formally review the project at least once per month.

All contractors will be required to have their own monitoring arrangements for their work activities and provide reports to Site Management.

An independent SHE review of the development will be undertaken at least monthly by one of the SHE Managers. Copies of the review report are forwarded to the Construction Director and site performance reported to the Divisional Board. The Contracts/Project Director/Manager is responsible for ensuring that all items identified by the SHE Manager are actioned by the Site Manager.

Statutory Notices

The following notices will be completed (where required) and displayed in the Site Office and Welfare Facilities.

- Health & Safety Law poster 'What you should know' (Site office only)
- Health & Safety Policy Statement
- Environmental Policy Statement
- Site Rules
- Emergency Procedures
- Fire Action Notice
- Employers Liability Insurance Certificate
- F10 'Notification of the project' to the Enforcing Authority.

Emergency Procedures

Emergency procedures in the event of fire, accident, contact with live services, Dangerous Occurrence or a significant environmental incident will be displayed throughout the site facilities. Any other emergency requirements for the project are detailed in this plan. The site location plan, which is included in this Plan, identifies the site muster/assembly points and evacuation routes. Evacuation procedures will be communicated to site personnel at the Site Induction.

Accidents and Dangerous Occurrences

Contractors will be required to report all accidents, incidents and dangerous occurrences to site management. All accidents will be reported to the site office and recorded in the site accident book. All accidents which result in more than 24hrs being lost by an operative, a major injury, a member of the public being injured or a dangerous occurrence must be reported immediately to the SHE Manager and Construction Director. The Construction Director is responsible for ensuring that appropriate notification is given to the relevant enforcing authority where required.

Welfare Facilities

Provisions will include:

- A suitable canteen containing chairs and tables, facilities to heat food and boil water and washing facilities for utensils
- Adequate First Aid boxes which are correctly stocked
- Adequate and suitably qualified First Aid cover
- Adequate toilets and a suitable drying room for wet clothing
- Facilities will be inspected daily by Site Management and will be cleaned daily

Health & Safety File

Information required for the health & safety file will be retained within our SHE site filing system and forwarded to the Principal Designer prior to units being handed over on the development.

Construction Traffic

The site benefits from emergency access located at its northeast corner, accessed directly from the A365 Western Way.

To minimise disruption to residents of recently completed neighbouring residential areas (Maitland Place), it is proposed that this emergency access temporarily serves as construction access during the site's development. Construction vehicles will have a left-turn-in-only arrangement, entering from Western Way and exiting via Maitland Place and Pathfinder Way. The proposed construction traffic routing is illustrated by Plan 001_a100144_001 Proposed Construction Access Layout and Plan 002_a100144_002 Construction Traffic Plan.

The construction access layout is detailed in Drawing "250561-RAP-FC-XX-DR-C-0140 P02 - Construction Site Access" & "a100144-SK-001", which shows a 12m kerb radius to the east to accommodate HGV movements. The western kerb radius is minimal, reflecting the restriction against movements to or from the west. Drawing "a100144-SK-002" provides a swept path assessment, demonstrating a 16.5m articulated vehicle safely turning left into the site.

Construction vehicles will exit via Maitland Place and Pathfinder Way. Swept path assessment results provided in Drawing "a100144-SK-003-02" confirm that a 16.5m articulated vehicle can effectively use this route. Vehicles will then turn left at the Maitland Place/Pathfinder Way junction, returning to the A365 Western Way.

Assessments indicate articulated vehicles will require use of the existing ghost island right-turn bay to facilitate this manoeuvre. The Maitland Place/Pathfinder Way junction was originally designed for higher traffic volumes than are currently experienced, designed to accommodate the full build-out of local developments. As a result, current utilisation of the ghost island right-turn bay is limited, with the existing layout providing opportunity for articulated vehicles to safely wait until the ghost island right-turn bay is clear to exit the site. Drawing "a100144-SK-003-02" further demonstrates that a large car can turn left into the site while an articulated vehicle waits to exit, illustrating the operational suitability of the proposed layout.

Technical assessments demonstrate that safe and appropriate construction access from Western Way can be provided, with suitable highway geometry for traffic exiting via Pathfinder Way. BDW and the principal contractor will be responsible for implementing appropriate signage and enforcing prescribed routes among contractors to ensure compliance with the Construction Method Statement.

The emergency access is required by Condition 9 of the Outline planning permission to be completed prior to the occupation of the final dwelling. The use of the one-way system will cease at the point the emergency access is required, following which all construction traffic will utilise Maitland Place for entry and exit. Construction traffic at this point will be limited.

Unauthorised Access

The requirements for the protection of the site are detailed below and outlined on the Site Layout drawing. This will take into consideration the local environment and neighbouring developments etc. The level of protection required will be fully assessed and continually monitored throughout the project.

Arrangements for the Project are that the site is to be secured through the use of metal construction fence panels with the gate securely fixed during out of hours to restrict access to the public.

Pedestrian access will be in place, and certified as safe to use to allow public access to the site office during working hours.

The perimeter fencing will be checked regularly (at least once a day) to ensure there is restricted unauthorised access.

Waste Management

The strategy for waste reduction is primarily to adopt a waste minimisation strategy which will reduce the amount of raw material used on site and therefore the amount of wasted resources discarded. This is undertaken in accordance with the following waste hierarchy:

1. Eliminate - Avoid producing waste in the first place.
2. Reduce - Minimise the amount of waste you do produce.
3. Re-use - Use items as many times as possible.
4. Recycle - Recycle what you can only after you have re-used it.
5. Dispose - Dispose of what is left in a responsible way.

Waste production is likely to fall into the following categories.

Waste Group (incl. European Waste Code)
170107 - Mixed Inert (Bricks, blocks, tiles, ceramics)
170802 - Gypsum
170201 - Timber
170203 – Plastics (Rainwater goods, Drainage)
200301 - Mixed compactable
Hazardous

Part C – Specific Environmental Management Controls (including Environmental objectives)

i) Environmental Objectives for the site

Objectives	Current levels (where applicable)	Site Specific Control Measures
Maintain compliance with environmental standard ISO 14001		Compliance with Company Policies and Procedures
Reduce water usage on site	Monitor Recorded use	Monthly record keeping
Reduce energy used in the construction process including site offices	Monitor Recorded Use	Monthly record keeping
Reduce total tonnes of waste generated per plot during construction	Target diversion away from Landfill by at least 85%	Monthly monitoring by waste management company
Increase waste segregated on site for recycling		Monthly monitoring by waste management company
Minimise the impact of Noise and Dust generation.		Monthly SHE10 inspections
Protection of water courses		Implementation of the Surface Water Management Plan

(ii) Protection of Existing Site Features (Site features to be protected if none state none require)

Tree Protection to be installed in accordance with the Technical Pack, and BS5837

(iii) Protection of Immediate Environment (Identify impacts on adjacent properties, roads or wildlife and methods of keeping these locations free from cross contamination)

Existing Trees and Hedges will be protected as per the Planning Permission/Condition 16.
Refer to the Biodiversity-CEMP & LEMP which was approved as part of the Planning Permission.

(iv) Arrangements for the Storage and Dispensing of Fuel

In accordance with Environment Agency Pollution prevention guidelines PPG 1

Site Management Safety, Health and Environmental Duties

Duty	Frequency	Person Responsible
Scaffold Inspection	Prior to use for the 1 st time, following alterations or adverse weather and in all cases at intervals not exceeding 7 days	Site Manager
Excavation Inspection	Before any person carries out work at the start of each shift, following any event likely to affect the strength or stability and following any accidental fall of earth etc.	Site Manager
Lifting Appliances	Daily by Operator and inspection records provided every 7 days.	Site Manager
Fire Precautions	Checked regularly and formal records maintained weekly	Site Manager
Welfare Facilities	Daily	Site Manager
Temporary Electrical Installations	Following installation – temporary accommodation every 12 months thereafter or following any move. Temporary on site installations every 3 months.	Site Manager
Crane Coordination	On crane arrival to site and prior to commencing lifting operations	Site Manager
Safety, Health & Environmental Inductions	First visit to site and following any significant changes to site rules of plans.	Site Manager
Issue of Permits to Dig/Drive Piles/Excavate	As necessary	Site Manager
Issue of Hot Work Permits	As necessary	Site Manager
Evaluation of Method Statements/Risk Assessments	Prior to any contractor commencing work on site	Site Manager / Contracts Manager
Traffic Management Plan	As necessary	Contracts Manager

Site Rules specific to this Development

Detailed below are the site rules for this project, which will be included in the Safety, Health & Environmental Induction. Details are displayed upon the notice board.

Item	Site Rule
1	All operatives must receive induction before being allowed to commence work on site.
2	All inducted persons must sign in and out when arriving and leaving site.
3	All visitors to site must sign in and out of the site and be under the control of site management at all times.
4	The working and materials delivery hours on this site are: Monday to Friday 7.30am until 6.00pm Saturday 7.30am until 1.00pm Work outside these hours requires site management / Local Authority approval. Hours of use-works that may be audible at the site boundary shall not take place outside the hours of Monday to Friday 8am to 6pm, Saturday 8am to 1pm and no work on Sunday and Bank Holidays'
5	Alcohol and drugs are forbidden on site unless the drugs are prescribed and will not affect that person's ability to work in a safe manner.
6	The site speed limit is 10 mph.
7	All persons on site must follow the access routes on site and keep clear of hazardous areas such as designated traffic routes, material compounds or where overhead work is being carried out. Access Strategy outlined in Appendix 5.
8	Fires are prohibited on site. All personnel must be aware of the escape routes from the building and comply with instructions given from the fire plan during induction. The fire assembly point is located at the site entrance. No smoking in welfare facilities, site offices, plots under construction, completed properties or near flammable gases or liquids.
9	All accidents, incidents, dangerous occurrences and near misses must be reported to site management immediately no matter how small and recorded in the appropriate book.
10	Do not encourage or take part in horseplay of any kind.
11	Keep the site tidy dispose of litter properly, use designated waste skips provided and be considerate to people and their property. Don't leave your mess for others to clean up or fall over.
12	Any minor spillage must be cleaned up immediately and notified to site management.

Item	Site Rule
13	Any major spillage must be contained and prevented from entering drains/sewers/water courses etc. and must be notified to the site management immediately. Spill kits are located in the compound.
14	Persons aged between 16 years and 18 years must have a suitable young person's risk assessment completed and be under close personal supervision. (Work experience (below 16 years) must be approved by the Construction/Project Director before being allowed on site.
15	The following PPE is mandatory on site, safety boots, high visibility vest/coat, safety helmet (EN397) bump caps are not allowed. Other items i.e. ear protection, eye protection, hand protection, respiratory protection etc shall be worn where required by risk assessment.
16	All 'ride' on plant (mobile plant) must be checked over by site management (SHE Form 55) before being put to use on site for the first time. Items checked include visual aids, audible warnings, lifting certificates, safety devices and all round visibility checks.
17	Operatives should carry out daily checks on mobile plant before first putting to use and record in writing weekly checks.
18	Only persons trained and competent to operate mobile plant are permitted to do so after supplying evidence to the site management i.e. CPCS card. They also must be over the age of 18 years and hold a full UK/European driving licence.
19	No lifting equipment/accessories are to be used unless it is suitable for the task, in good mechanical condition and is accompanied by a valid test certificate or certificate of conformity.
20	All sub-contractors must instruct their operatives of the relevant safe method of work, risk assessments, COSHH assessments, and manual handling assessments as required. Acknowledgement of this information for each operative must be recorded and issued to site management.
21	Welfare facilities (canteen, W.C's, drying room etc) are provided on site for everyone's benefit, action will be taken against anyone found defacing or abusing these facilities. Using plots or other areas of the site for tea breaks or toilets is prohibited.
22	Scaffolding erection and alterations on site must only be carried out by competent scaffolders. If you require alterations contact site management. Do not use scaffolds/working platforms with 'scaffold incomplete' notices displayed.
23	All electrical tools used on site must be 110v or battery powered and PAT tested every 3 months with suitable markings to demonstrate evidence of last test carried out.
24	All ladders and step ladders used on site must be class 1 type, suitable for the task which must be risk assessed and included on the work equipment inspection regime.
25	No person other than a trained and competent electrician is permitted to carry out work on electrical equipment.
26	Permits to work are required for permit to dig/excavate/drive piles, cranes, temporary works, hot work permit, confined spaces and electrical.

Item	Site Rule
27	The following high risk activities may not be undertaken by non-English speaking workers:- - Demolition. - Lifting Operations. - Plant Operations. - Any Permit to Work activities. - Lone Working.
28	Loading / unloading of plant / materials Barratt Redrow Site Management will direct all deliveries to the Site Compound and supervise the offloading of materials / plant, which be undertaken by a mechanical forklift, or by the delivery vehicles on board lifting device. Storage of all deliveries / materials will be within the Site Compound until such time they are required for the construction of the proposed dwellings. Should there be a requirement for any large abnormal loads / deliveries, the Site Management will make all necessary highways arrangements including the provision of any risk assessments that may be required. If required a banksman will be employed

Appendix 1: Site Specific Measures to Reduce Dust Pollution / Traffic

Machinery, fuel and chemical storage and dust generating activities should not be located close to boundaries and sensitive receptors if at all possible.

The Development will require washing or damping down of haul routes both within and outside the site.

Use agreed wet cleaning methods or mechanical road sweepers on all roads and pavements during periods of dry weather.

When required during specific construction tasks (i.e spoil management and ground works) mechanical road sweepers will be used on roads on and off site.

Provide hardstanding areas for vehicles and regularly inspect and clean these areas.

Previous Government best-practice documents state that under the Clean Air Act 1993, bonfires are not recommended on site and if unavoidable, they should be supervised at all times. However, it is recognised. Taking into account the Clean Air Act 1993 and nuisance legislation Environmental Protection Act 1990), this Best Practice Guidance recommends that:

- No burning of any material is permitted on site.
- All excess material should not be wasted, but used or safely removed from site according to appropriate legislation.

Unpaved haul routes can account for a significant proportion of fugitive dust emissions, especially in dry or windy conditions, when the generation of dust through the movement of vehicles is exacerbated. To comply with good practice, where possible, ensure hard surfaces or paving are used for all haul routes, even if routes are temporary.

Construction traffic

- All vehicles to switch off engines – no idling vehicles.
- Effective vehicle cleaning and specific wheel-washing on leaving site.
- All loads entering and leaving site to be covered.
- No site runoff of water or mud.
- All non-road mobile machinery (NRMM) to use ultra-low sulphur tax-exempt diesel (ULSD) where available.
- All suppliers and subcontractors will be issued with the construction traffic route in appendix 6.
- Vehicles sizes will vary but largest would be Articulated.
- Appropriate signage and prescribed routes will be utilised as a measure to reduce traffic

Stockpiling of Material

The development will avoid the use of long-term stockpiles on site wherever possible unless it performs the function of visual or noise screening. If necessary, the following measures should be in place:

- Make sure that stockpiles exist for the shortest possible time.
- Do not build steep sided stockpiles or mounds or those that have sharp changes in shape.
- Whenever possible keep stockpiles or mounds away from the site boundary, sensitive receptors, watercourses and surface drains.
- Wherever possible, enclose stockpiles or keep them securely sheeted.
- Take into account the predominant wind direction when siting stockpiles to reduce the likelihood of affecting sensitive receptors.
- Seed, re-vegetate or turf long term stockpiles to stabilise surfaces or use surface binding agents that have been approved by the Environment Agency.

Cutting, grinding and sawing

Ideally, these activities should not be conducted on site and pre-fabricated material should be brought in where possible. In cases, where such work must take place, then the following techniques should be followed:

When materials, such as concrete slabs or bricks, are cut with a power tool without extraction or suppression, a second worker can pour water from a plastic bottle over the material as it is being cut. This greatly reduces the amount of dust generated and can stop the occurrence of a statutory nuisance.

All equipment should use water suppressant or suitable local exhaust ventilation systems.

Use dust extraction techniques where available.

All other equipment should be fitted with water suppressant systems.

Service all fans and filters regularly to ensure they are properly maintained.

Chutes and skips

- Securely cover skips.
- Minimise drop heights to control the fall of materials.
- Regularly damp down surfaces with water.
- Hard surface areas where skips are to be stored.

Appendix 2 Site Specific Noise Reduction Measures

The Site rules will be followed with regard to adhering to the working times as set out within the planning consent.

Specific noise monitoring equipment to be provided to the site team to monitor noise pollution, and to ensure that the requirements of Environmental Protection Act 1990, and Control of Noise (Codes of Practice for construction and open sites) Order 2002.

Plant being used will need to comply with current legislation in regard to exhaust noise, and will be switched off when not in use.

Vibrating of Concrete: The specific contractor undertaking this task will ensure that the equipment used meets current regulations, and where the operation is likely to impact on adjacent residences, that advanced warning is given.

Deliveries will be planned to avoid the morning and evening rush hours and the site entrance is located away from existing residential properties.

Appendix 3 Site Specific Vibration Mitigation Measures

Construction activity can result in varying degrees of ground vibration, depending on the equipment and methods employed. Operation of construction equipment causes ground vibrations that spread through the ground and diminish in strength with distance. Buildings founded on the soil in the vicinity of the construction site respond to these vibrations, with varying results ranging from no perceptible effects at the lowest levels, low rumbling sounds and perceptible vibrations at moderate levels, and slight damage at the highest levels

There is no requirement on this development for any demolition, and the main area of consideration with regard to Vibration will be from the earth-working and piling installation operations if required.

The ordering of plant and materials will take into account the local street network, and instruction will be given on the safe route to delivery of plant and materials

Phase earth-moving and ground-impacting operations so as not to occur in the same time period. Unlike noise, the total vibration level produced could be significantly less when each vibration source operates separately.

Avoid night time activities. People are more aware of vibration in their homes during the night time hours.

Avoid vibratory rollers and packers near sensitive areas.

As with construction noise, in many cases the information available during the preliminary engineering phase will not be sufficient to define specific construction vibration mitigation measures. In such cases, it is appropriate to describe and commit to a mitigation plan that will be developed and implemented during the final design and construction phases of the project. The objective of the plan should be to minimize construction vibration damage using all reasonable and feasible means available. The plan should provide a procedure for establishing threshold and limiting vibration values for potentially affected structures based on an assessment of each structure's ability to withstand the loads and displacements due to construction vibrations. The plan should also include the development of a vibration monitoring plan during final design and the implementation of a compliance monitoring program during construction.

Appendix 4 Site Specific Light Pollution Reduction Measures

Light can cause disturbance to adjacent residents and ecology, especially temporary lighting. This nuisance can be prevented through screening, effective programming of work, directional lighting and type of lights used.

Whilst it is important to ensure that lighting levels are sufficient to undertake construction operations safely, due consideration will be given to adjacent dwellings during construction to ensure there are no light pollution breaches of statutory regulations.

There is no requirement on this site to construct a site wide temporary lighting system.

Operations will generally be restricted to the hours of daylight.

No direct light will be exposed to existing properties.

Street lighting design and installation will be undertaken in accordance with the requirements of Local Authorities design standards. The scheme will be installed as not to detrimentally affect the local environment

Appendix 5 Site Compounds & Staff Parking

Construction will have a dedicated 'Compound Area', the care home provider will be expected to have a dedicated compound area on their land. This will include Site Offices, welfare facilities for site operatives, Secure Storage Area and Parking for construction staff. The area will be hard standing and robust. Due to the size of the site and the phasing of construction, there are two site compounds within the development (These are located as per the Plan 003 – Appendix 8). These will be suitably signed to ensure they are easily accessible.

Refer to Plans 000-003 listed below;

- Plan 000_250561-RAP-FC-XX-DR-C-0140 P02 - Construction Site Access
- Plan 001_a100144_001 Proposed Construction Access Layout
- Plan 002_a100144_002 Construction Traffic Plan
- Plan 003_Execution Plan (Site Compounds & Staff Parking)

Access to site will utilise a one-way system as described under "Construction Traffic". Residents will access the site from "Maitland Place" only, use of the one-way system will be ceased upon the time that completion of the emergency access is required, at which time all types of traffic can safely enter and leave the site via "Maitland Place"

Signage at Western Way, Maitland Place and Pathfider Way will be erected during the construction period, setting out will be in accordance with Chapter 8 of the Traffic Signs and Road Regulations Act.

During Construction, the site will be split within the BDW ownership boundary into separate public traffic and construction traffic access points. This is done via a dedicated entrance for the public accessing the 'Sales Complexes' of each developer to the west. Construction traffic will enter to the east on a separate entrance, then looping around to the correct developer compound, turn around and come out the same exit. This will keep site construction traffic separated from public traffic.

Parking – all construction related staff will be required to park within the dedicated area within the compound. Once plots became occupied, construction staff will not be permitted to park on 'Residential Roads'. The Parking area will be sufficiently sized to cater for the amount of operative's onsite during the construction of the site.

Secure Area – the main compound area will be surrounded by solid metal hoarding, within this area hazardous materials/substances will be kept as per the appropriate COSH guidance. (Eg Fuel Storage Tank) The area will be securely locked and CCTV/security cameras will operate within this area.

Appendix 6 Wheel Washing

When it becomes necessary and the site task calls for wheel cleaning of vehicles then a jet washer will be made available with an operative employed to clean off vehicles wheels. A road brush will be at our disposal if the need for further cleaning is required to any of the roads / junctions. Furthermore, in circumstances where significant soil / material is being removed from site, Barratt will ensure that a road sweeping vehicle is available for the duration of the works, as applicable.

The ground-working contractors will be responsible for wheel washing as part of their scope of works until completion. The ground-workers will be responsible for providing a road sweeper and washing their own vehicles during muck shift operation or other similar dirty works. Cleaning of vehicles used for day to day deliveries etc. will be carried out by the site labourer using a jet wash.

It is Barratts intention to minimise the impact to the surrounding area, keeping roads clean and safe for all road users.

Appendix 7 Site Specific Protection for Existing/Retained Habitats

Protective Measures

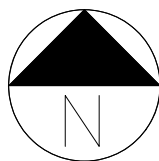
- All retained trees will be identified prior to commencement of any works and appropriate measures will be undertaken to prevent any harm to these trees from construction activities. These measures include identifying root protection zones and implementing fencing and signage around these zones to avoid tracking of heavy machinery compacting the soils.
- The retained hedgerows within the site are to be fenced according to current British Standards before construction work commences in that associated area in order to protect roots from compaction. Fences will remain in place until construction work is complete within the vicinity of the hedgerow. In addition, no activity, storage of materials, liquids of any sort or source will be permitted within the protective fencing at any time.
- Works will be carried out in accordance with British Standard BS5837:2012 which relates to the protection of retained trees during development.
- Standard engineering practice in respect of pollution control, as part of the development proposals will negate any potential effect on adjacent habitat.
- Any potentially detrimental effects through dust contamination during construction will be mitigated through standard industry best practice measures. Where mitigation measures rely on water, it is expected that only sufficient water will be applied to damp down the material. There should not be any excess to potentially contaminate local watercourses.
- Avoidance of potentially dust-generating activities during periods when wind direction may carry dust will be undertaken. The storage of any loose materials that may be susceptible to wind will also be covered or screened.
- Measures required by the approved BCEMP will be followed

Appendix 8 Construction Traffic Access Routes to Site

- Plan 000_250561-RAP-FC-XX-DR-C-0140 P02 - Construction Site Access
- Plan 001_a100144_001 Proposed Construction Access Layout
- Plan 002_a100144_002 Construction Traffic Plan
- Plan 003_Execution Plan (Site Compounds & Staff Parking)

Plan_000

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- Notes:**
- Do not scale from this drawing. all dimensions are in metres, unless otherwise stated.
 - Work to be undertaken in accordance with the Wiltshire County Council specification.
 - Before work commences, the contractor shall liaise with all statutory authorities to determine the exact location of all apparatus and take all precautions deemed necessary to locate, protect and where necessary divert such equipment.
 - Before work commences contractor should consult the engineer and the SI report regarding any contamination issues. all necessary health and safety measures to be taken.
 - The developer shall take CBR tests of road formation levels and results to be made available to the engineer for approval.
 - All substrata structures and unconsolidated material, within the construction width of the highway, are to be removed
 - Proposed Earthworks Shown Are 1:3

Key:

- Concrete Bag Headwall
- Culvert
- Proposed Major Contours
- Proposed Minor Contour
- Construction Makeup:
BINDER 60mm thick - 20mm Dense AC Bin 40/60 PEN
BASE 150mm thick - 32mm Dense AC Base 40/60 PEN
SUBBASE 450mm thick - Type 1. (Assuming CBR between 2.5% - 5%* - to be confirmed on site).
*Based on the measured CBRs presented in the Phase 1 Review and Phase 2 Geo-Environmental Assessment report dated March 2024.
- Edge Protection - Refer to annotation on drawing
- Proposed Channel Level

P02	19.01.26	Updated edge protection extents	LB	-	-
P01	19.12.25	First Issue	LH	LB	RAS
Rev	Date	Details	By	Chkd	Appd

rappor.co.uk

CLIENT: Barratt Homes

PROJECT: A503 Melksham

TITLE: Construction Site Access

STATUS: For Approval

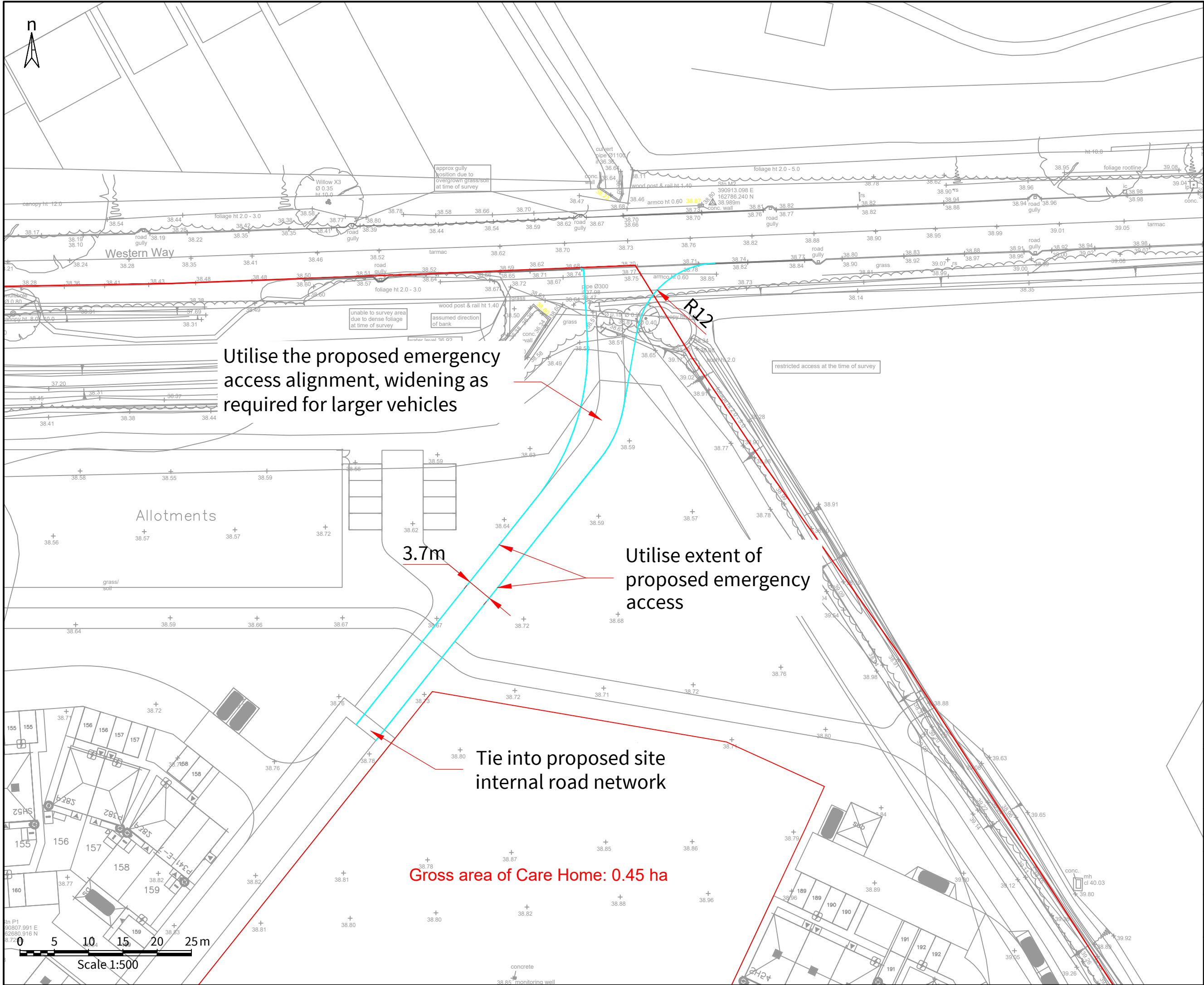
DRAWING NO: 250561-RAP-XX-XX-DR-C-0140

SCALE A1: 1:250

REVISION: P02

Plan_001

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General

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FOR APPROVAL

02	Final for submission	Aug 2025	CEH	BM	NA
01	Preliminary first issue	Jul 2025	CEH	BM	NA
Rev	Description	Date	Rev	Rev	App



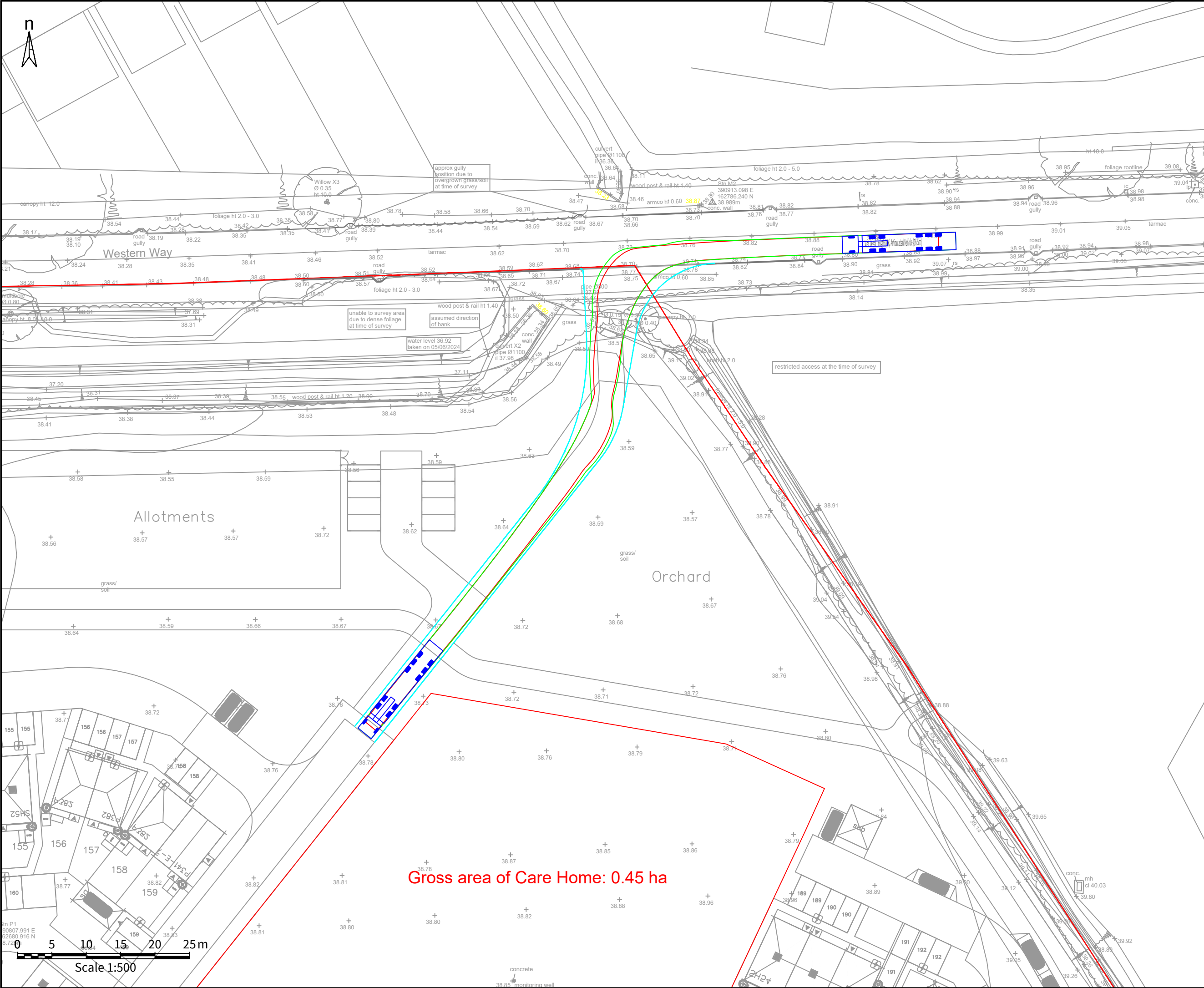
Client
Barratt Homes

Project Name
Western Way, Melksham

Sheet Title
001 Proposed Construction Access Layout

Drawn By	Checked By	Approved By	Date	Scale @ A3
CEH	BM	NA	Jul 25	1:500
Project Number	Type	Number	Revision	
a100144	- SK -	001	- 02	

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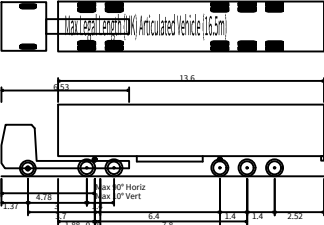


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Max Legal Length (UK) Articulated Vehicle (16.5m)	
Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	6.530m

FOR APPROVAL

02 Final for submission	Aug 2025	CEH	BM	NA
01 Preliminary first issue	Jul 2025	CEH	BM	NA
Rev	Description	Date	Rev	Rev / ENH / App



Client
Barratt Homes

Project Name
Western Way, Melksham

Sheet Title
002 Proposed Construction Access - HGV Swept Path Assessment

Drawn By	Checked By	Approved By	Date	Scale @ A3
CEH	BM	NA	Jul 25	1:500
Project Number	Type	Number	Revision	
a100144	- SK -	002	- 02	

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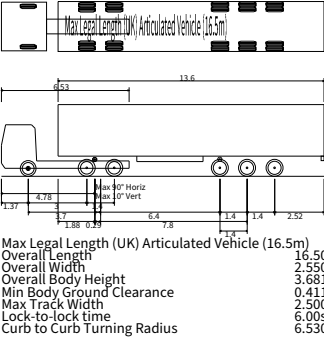


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FOR APPROVAL

03	Final for submission	Feb 2026	CEH	BM	BM
02	Final for submission	Aug 2025	CEH	BM	NA
01	Preliminary first issue	Jul 2025	CEH	BM	NA

Rev	Description	Date	Rev	Rev	App
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Client
Barratt Homes

Project Name
Western Way, Melksham

Sheet Title
003 HGV Egress - Swept Path Assessment

Drawn By	Checked By	Approved By	Date	Scale @ A3
CEH	BM	NA	Jul 25	1:500
Project Number	Type	Number	Revision	
a100144	- SK -	003	- 03	

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