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Details of the Development

Development	H7942 - DWH Bodicote, Off White Post Road, Bodicote, Banbury, Oxon, OX15 4BN		
Divisional Office	BDW Mercia - Remus 2, 2 Cranbrook Way, Solihull, West Mids, B90 4GT		
Client	BDW Trading Ltd, Trading as David Wilson Mercia		
Principal Contractor	BDW Trading Ltd, Trading as David Wilson Mercia		
Principal Designer	BDW Trading Ltd, Trading as David Wilson Mercia		
Lead Designer	BDW Trading Ltd, Trading as David Wilson Mercia		
Description of Development	Construction of 280 residential dwellings with associated roads, sewers and landscaping works. This includes S278 works and alterations to re-prioritize White Post Road.		
Development Start Date	September 2019	Completion Date	December 2024
Notification sent to HSE by		Date	
Reviewed by SHE Manager Signature		Date	
Construction/Project Director Signature		Date	
Approved by MD		Date	

Review of the Plan

Date	Reviewed by	Comments
05/06/2019		Full Plan Review and Update

Site Management Structure

Position	Name	SHE Management training (including - date achieved)	Signature (Confirmation of understanding of plan)
Contracts/Project Manager/Director	Harry Marcuse-Harris	IOSH Senior Management Training, Environmental Awareness, CSCS.	
	Ricki Hughes	SMSTS, CSCS, Emergency Aid, Scaffold Inspection, Manual Handling, CAT, Environmental Awareness Awareness, Fire Marshal, Mgt of Confined Spaces, Temp Works Supervisor.	
Quantity Surveyor(s)	TBC	CSCS, CDM Awareness	
Site Manager(s)	TBC	SMSTS, CSCS, Scaffold Inspection, Fire Marshal, CAT, 1st Aid at Work, Manual Handling, LOLER, Environmental Awareness, Mgt of Confined Spaces, Temp Works Supervisor.	

Position	Name	SHE Management training (including - date achieved)	Signature (Confirmation of understanding of plan)
Assistant Site Manager(s)	TBC	SMSTS, CSCS, Scaffold Inspection, Fire Marshal, CAT, 1st Aid, Manual Handling, LOLER Supervisor, Environmental Awareness, Confined Spaces	
		SMSTS, CSCS, Scaffold Inspection, Fire Marshal, CAT, 1st Aid, Manual Handling, LOLER Supervisor, Environmental Awareness, Confined Spaces	
		SMSTS, CSCS, Scaffold Inspection, Fire Marshal, CAT, 1st Aid, Manual Handling, LOLER Supervisor, Environmental Awareness, Confined Spaces	

Position	Name	SHE Management training (including - date achieved)	Signature (Confirmation of understanding of plan)
Technical Team	David Green	CSCS, Principal Designer / Awareness, TWC / Temporary Works Supervisor.	
Temporary Works Coordinator	TBC	TWC	
Construction Support Manager	Darren Broderick	1st Aid, Fire Warden, RiskAssBSC(lev2), SMSTS, LOLER, CSCS, Scaff Insp, IOSH, ManHandling, EnvAware, Temp Work Sup. CDM	
Site Labourer	TBC	CSCS, Vehicle Banksman, Manual Handling, EFA, Fire Safety, FFP3, Site Ladder Safety	
Site Labourer		CSCS, Vehicle Banksman, Manual Handling, EFA, Fire Safety, FFP3, Site Ladder Safety	
Site FLDriver	TBC	CPCS, Vehicle Banksman, Manual Handling, EFA, Fire Safety	
Site FLDriver		CPCS, Vehicle Banksman, Manual Handling, EFA, Fire Safety	

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 Subcontractors

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 (SHEBs)

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.

Traffic/Pedestrian Management

The arrangements for managing traffic/pedestrian movements on site are detailed on a plan displayed in the site office, which is reviewed regularly.

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

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	TBC
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.	TBC
Lifting Appliances	Daily by Operator and inspection records provided every 7 days.	TBC
Fire Precautions	Checked regularly and formal records maintained weekly	TBC
Welfare Facilities	Daily	TBC
Temporary Electrical Installations	Following installation – temporary accommodation every 12 months thereafter or following any move. Temporary on site installations every 3 months.	TBC Electrician -
Crane Coordination	On crane arrival to site and prior to commencing lifting operations	TBC
Safety, Health & Environmental Inductions	First visit to site and following any significant changes to site rules of plans.	TBC
Issue of Permits to Dig/Drive Piles/Excavate	As necessary	TBC
Issue of Hot Work Permits	As necessary	TBC
Evaluation of Method Statements/Risk Assessments	Prior to any contractor commencing work on site	TBC
Traffic Management Plan	As necessary	TBC

Site rules specific to the Development

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

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	<p>The working hours on this site are:</p> <table border="1" style="margin-left: 40px;"> <tr> <td>Monday to Friday</td> <td>07:30 - 18:00</td> </tr> <tr> <td>Saturday</td> <td>08:00 - 13:00</td> </tr> <tr> <td>Sunday</td> <td>NOT PERMITTED inc Bank Holidays</td> </tr> </table> <p style="text-align: center;">Work outside these hours requires site management approval.</p>	Monday to Friday	07:30 - 18:00	Saturday	08:00 - 13:00	Sunday	NOT PERMITTED inc Bank Holidays
Monday to Friday	07:30 - 18:00						
Saturday	08:00 - 13:00						
Sunday	NOT PERMITTED inc 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.						
8	<p>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</p> <table border="1" style="margin-left: 40px;"> <tr> <td>REAR OF SUB-CONTRACTORS CAR PARK</td> </tr> </table> <p>No smoking in welfare facilities, site offices, plots under construction, completed properties or near flammable gases or liquids.</p>	REAR OF SUB-CONTRACTORS CAR PARK					
REAR OF SUB-CONTRACTORS CAR PARK							
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.						
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.						

Item	Site Rule
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 a record maintained of all weekly checks.
18	All plant operators must be over the age of 18 and must hold either a Construction Plant Competence Scheme (CPCS) or National Plant Operators Registration Scheme (NPORS) card for the particular plant being operated. Operators of any plant that will operate on roads where the Road Traffic Act applies must hold a full UK/EU equivalent 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 12 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.
27	The following high risk activities may not be undertaken by non-English speaking workers:- <ul style="list-style-type: none"> - Demolition. - Lifting Operations. - Plant Operations. - Any Permit to Work activities. - Lone Working.

Item	Site Rule
28	No deliveries to be made prior to 09.00am and after 16.00pm. No audible noise before 07:30 and after 18:00 hours. Where possible deliveries to be minimized between 12 noon and 13-00PM.
29	The use of radios is NOT prohibited on site, however the volume MUST be respectful at all times due to close proximity to existing residential properties, schools and day nurseries.
30	No parking, waiting, unloading or reversing onto Sycamore Drive, Salt Way, White Post Road and Wykham Lane.
31	All site plant to be fitted with Smart Alarms due to close proximity to schools and day nurseries, this includes site telehandlers.
32	Site access to be locked until 07:15, strictly no waiting along White Post Road.
33	All bulk HGV deliveries are to ensure arrival timings where possible are made available to the site management, i.e. Heavy Plant, brick, block, joists, trusses, grd works concrete and drainage products.
34	Site to ensure regular communication and updates with Salt Day Nursery, Bishop Loveday CofE Primary School and Kingsfield Nursery, especially during major S278 works along White Post Road.
35	No development shall take place within 10m of any public right of way until the affected public right of way is protected during development to accommodate a width of a minimum of 5m.
36	

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		SHE inspections completed at least every four weeks by visiting SHE Manager. A visiting Contracts Manager shall be completing regular inspections and recording monthly SHE tours with the Site Mgt Team. Meetings shall be held with contractors and minutes taken for review.
Reduce water usage on site	27.3m ³ per unit legally completed.	Utility bills are to be monitored monthly. Meter readings to be undertaken by site manager results to be displayed on site. Turn off water taps, welfare to be fitted with push button type taps to reduce water usage.
Reduce energy used in the construction process including site offices	1,792 kg CO ² per unit legally completed.	Fit door closers to reduce heating loss. PIR's to be fitted to site cabins, lights to reduce energy usage. Materials to be procured through group deals where possible.
Reduce total tonnes of waste generated per plot during construction	37.3 m ³ per unit legally completed.	Precut materials shall be procured where possible. Re-use materials such as brick/ blocks in haul roads and private drives & paths. Suppliers to recycle packaging materials. Site waste management area to be provided to ensure correct waste streams are segregated, including hazardous waste - area shown on TMP.

Objectives	Current levels (where applicable)	Site Specific Control Measures
Increase waste segregated on site for recycling	Colour coded skips and segregation signs. Provide separate hazardous waste skip or bin including signs.	Use of recycling facilities where possible as per Group Waste Management procedure.
Minimise the impact of Noise and Dust generation.		Monitored weekly via SHE 29. 3m noise meters are available to CM's for use where noise from on-site activities has raised concerns. All Site Managers have access to a noise meter App on their iPads, this is not calibrated, but will give a sufficiently precise reading to be able to plan a course of action or where required call in specialized monitoring equipment. Dust and mud will be monitored on a daily basis by the Site staff and a road brush will be used as required.
Minimise the impact of Dust generation.		Where there is an immediate need a jet washer will be used to clean the wheels of all vehicles exiting the development. If mud is transported onto the main highway it must be cleaned up immediately. Use of road brush attachment will be used during the weekdays to keep all site roads mud and dust free. Where the site gets excessively dry, dampening down MUST be considered to control DUST on site.
Minimise the impact of Dust generation.		The use of a water bowser with sprinkler system to be used for dampening down during periods of excessive dry weather. Care to be taken when disturbing made / contaminated ground.

(ii) Protection of Existing Site Features

- Hedgerows need to be taken down either outside of the bird nesting season (October - February) or under supervision of a qualified ecologist. No other wildlife constraints have been identified,
- Tree lines borders and central woodland area including public footpath and stream.
- White Post Road is to be re-prioritized as part of our scheme directing traffic into the site, the spine road of which will eventually serve the proposed development to the western boundary and beyond. A new junction will be formed to direct traffic along the remainder of White Post Road.
- As part of the approved access arrangements a new 34 space car park for the use of the public will be formed.
- There is a planning condition prohibiting the use of Wykham Lane to the south of the site for construction traffic.
- There are no known protected species cohabiting the development site however a badger sett has been identified within the neighboring properties to the NE of the site that will need to be fenced off to prevent heavy vehicles disturbing the sett.
- Archaeology has been identified across the site and whilst a further intrusive investigation will be undertaken prior to commencement where development is to take place, where it is proposed to provide open space areas and sports pitches the archaeology will remain in situ and will need to be fenced off to prevent it from being destroyed by construction traffic. Refer to the Written Specification of Investigation (to be approved by the LPA) for further information.

(iii) Protection of Immediate Environment.

- The diesel bund, mortar and cement materials will be kept over 10mts away from any watercourse and monitored weekly as per SHE 29.
- All road gullies must be protected as soon as they are fitted and will be monitored by the site team on a weekly basis via use of SHE 29. Contracts Managers will also monitor this on a monthly basis and recorded on SHE 18.
- Dust and mud will be monitored on a daily basis and a road sweeper will be used as required, to both site and public roads. Where there is an immediate need a jet washer will be used to clean the wheels of all vehicles exiting the development. If mud is transported onto the main highway it must be cleaned up immediately. Use of road brush attachment will be used during the weekdays to keep all site roads mud and dust free. Where the site gets excessively dry, dampening down MUST be considered to control DUST on site. Care to be taken when disturbing made / contaminated ground.
- Audible noise on site MUST be kept to a minimum, all conditions MUST be complied with and wherever possible the reversing of vehicles MUST be a last resort. SMART alarmed vehicles should be used wherever possible.
- A public right of way remains open and MUST be segregated from the site.
- All of the boundaries are to be secured with heras fencing.
- All pumped water to be discharged MUST be through a silt interceptor.
- Refer to Section 18 of plan for Site Surface Water Strategy.

(iv) Arrangements for the Storage and Dispensing of Fuel

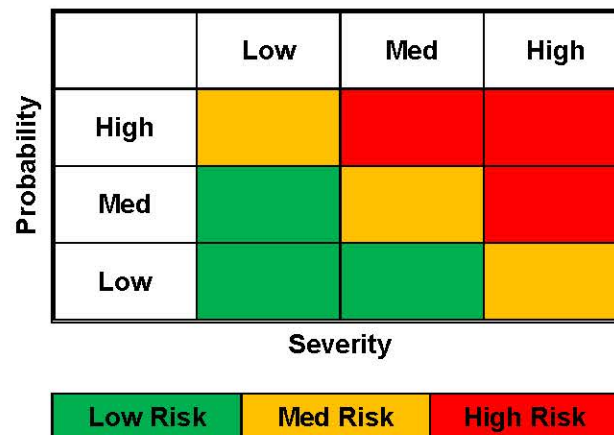
- All diesels will be stored in a double bunded storage tank with an appropriate spillage kit located next to it.
- Dispensing of fuel will be completed in a controlled manner with the use of a catchment tray. All mobile plant will be filled directly from the hose nozzle in to the filling point on the machine by the plant operator.
- Diesel tanks will remain locked at all times when NOT in use and controlled by key holders.
- Site Telehandler will be stored overnight in the welfare storage area, all other plant under control of ground worker will stored on site at their storage area.

(v) Arrangements for washing out concrete wagons or road sweepers or cleaning of vehicle wheels etc.

- Any remaining quantity of concrete and washing out of wagons is to be deposited into skips at the waste collection area. Under no circumstances is this process to take place in any areas considered to have the possibility of contamination to sewers and watercourses. All delivery drivers to have this communicated to them during site induction and on subsequent access to the sites.
- For large amounts of wash out, a catchment pit is to be dug and lined with plastic. Concrete will then be allowed to cure and then broken out as hard-core for reuse.
- All tipping from road brushes to be in segregated, bunded area and minimum 10 meters from any water course, or removed to licensed tipping area.

Site Security and Protection Assessment

Person conducting assessment	Darren Broderick	Date	04th June 2019
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Item	Risk	Control Measures
Site Boundaries - Control of unauthorised access taking into consideration the nature of the site and its surroundings	Low	ALL SITE BOUNDARIES TO BE SECURED PRIOR TO COMMENCEMENT OF CONSTRUCTION PHASE. DWH TO SECURE WITH HERAS ON FEET OR SECURED ON TIMBER POSTS, ALL BOUNDARIES. BOTH SITE ACCESS AND EGRESS SECURED WITH STEEL GATES WITH ACCESS FOR SITE VISITORS AND SALES STAFF. CCTV FITTED TO SITE WELFARE. ALL BOUNDARY FENCING TO BE INSTALLED INSIDE OF THE DEVELOPMENT BOUNDARY AND NOT TO ENCROACH INTO THE PUBLIC HIGHWAY.

Item	Risk	Control Measures
<p>Control of access to the site by vehicles and pedestrians who are working on site and prevention of unauthorised persons entering the site – Detail controls to be put in place</p>	<p>Med</p>	<p>SITE SECURED WITH HERAS ON TIMBER POSTS OR FEET AND DOUBLE CLIPPED. PUBLIC PROTECTION SIGNAGE TO BE ERECTED AND DISPLAYED APPROX EVERY 20 - 25 METERS, TMP WITH APPROVED ROUTES TO BE ISSUED. EMERGENCY CONTACT DETAILS TO BE DISPLAYED AT SALES OFFICE. SITE STEEL GATES TO BE ERECTED TO CONTROL TRAFFIC MOVEMENTS ACCESSING / EGRESSING THE DEVELOPMENT.</p>
<p>Prevention of materials falling outside the site boundary – Consider how this will be controlled</p>	<p>Low</p>	<p>THERE ARE NO PLOTS WHICH ARE POSITIONED IN CLOSE PROXIMITY TO SITE BOUNDARIES, HOWEVER ALL PLOTS WITHIN 2 METERS OF ESTATE ROADS ARE TO BE DEBRIS NETTED. ALL MATERIALS MUST BE LANDED ONTO THE LOADING BAYS AND ALL POSSIBLE PEDESTRIAN ROUTES TO BE REDIRECTED AWAY FROM LOADING BAYS. ALL LADDER ACCESSES MUST BE TO THE REAR OF ALL PLOTS WHERE SCAFFOLD LOADING BAYS ARE ERECTED TO FRONTAGES.</p>
<p>Scaffold or other access equipment falling whilst being erected or dismantled – Review controls in place</p>	<p>Med</p>	<p>ALL LOADS TO BE SECURE WITHIN STILLAGES OR ON BANDED PALLETS. NO MIXING OF MATERIALS WITHIN LOADS. ALL LIFTS ABOVE 1ST LIFT MUST BE LANDED ONTO LOADING BAY OR WORKING PLATFORM. NO LOADS ARE TO BE REMOVED FORM THE FORK LIFT FROM OUTSIDE OF SCAFFOLD PERIMETER.</p>

Item	Risk	Control Measures
Deliveries to the site – How are they being controlled – Consider delivery times and routes to the site	Low	<p>NO DELIVERIES PRIOR TO 08.00 AND AFTER 17.30. NO DELIVERIES BETWEEN SCHOOL DROP OFF AND COLLECTION TIMES - 0830-0900, 1515-1545, WHERE POSSIBLE AVOID 1200-1300 FOR MID-DAY COLLECTIONS.</p> <p>ALL DELIVERIES TO BE MADE APPROVED DELIVERY ROUTE: * All construction HGV/Articulated deliveries via M40 jct 11, A361, A4260 Oxford Road, Bankside and onto White Post Road.</p>
Storing and stacking of materials – How will they be stored i.e. secure compound	Med	<p>COMPOUND AND STORAGE SECURED WITH METAL COMPOUND FENCING & HERAS ONTO TIMBER POSTS. LOOSE LINTELS TO BE STORED ON LINTEL RACKS TRUSSES AND TIMBER PACKS TO BE LOADED ONTO SPECIFIED RACKS AS PART OF PLOT SCAFFOLDING. NO MATERIALS TO BE STORED HIGHER THAN THE COMPOUND FENCING AND ON FIRM AND LEVEL GROUND. DIESEL AND GENERATOR TO BE SECURE AT ALL TIMES.</p>
Additional controls required to prevent unauthorised access ‘out of normal hours’ – Consider if the site will attract children etc	Med	<p>PUBLIC PREVENTION SIGNAGE TO BE IN PLACE ON ALL BOUNDARIES. ALL BOUNDARY FENCING TO BE IN GOOD CONDITION AND DOUBLE CLIPPED, NO GAPS. MUST BE CHECKED DAILY</p>
Controls required to protect occupants of existing or new homes	Med	<p>ALL OCCUPATIONS IN ACCORDANCE WITH APPROVED EXECUTION PLAN & STRATEGY PLAN. NEW COMPOUND AND TMP HAS BEEN ISSUED</p>

Item	Risk	Control Measures

Site Execution Plan Checklist (Copy of the Execution plan to be inserted in this section)

Person completing checklist	Darren Broderick	Date	04th June 2019
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Item	Yes/No	Comments
Consideration has been given to enabling works and set-up of both appropriate temporary and permanent site facilities – Has a suitable programme been developed for the initial delivery of the enabling works of the site?	Yes	Compound located on plots 180-213, material storage on plots 180-198. Generator and clean water tank with pump initially until temporary supply called off. Grd Works contractor initially PC for 20 weeks.
Service connections to plots reviewed and considered – Orders in place to enable site facilities to be appropriately connected and for planned connections to plots	Yes	Temporary mains connections booked in.
Site broadband connection – Is it in place and if not has the order been placed and date provided for a connection point which will enable site and sales teams to utilise IT facilities?	Yes	BT SDP box to be positioned with 1 PSTN lines and 2 BB lines for site and sales offices.
Has a plan of the site been developed including details of material storage areas, welfare facilities, traffic/pedestrian routes, position of loading bays and ladder access points etc?	Yes	TMP developed and issued.
Has access and egress to the site been considered – Temporary access during enabling works and permanent access for the duration of the works – Is there a suitable plan in place to control access and egress to the site?	Yes	Permanent sales and construction access off White Post Road only. Single vehicular access only, controls required during S278 works, especially during foul connections and re-prioritizing of White Post Road.

Item	Yes/No	Comments
<p>Has the route of build been clearly detailed on a plan including reference to release of plots and consideration given to their safe occupation. Does this enable safe access to be provided for the initial phases to be occupied (including any Social Housing plots) and consideration given to further phases? Has safe occupation zones been considered as part of the strategy?</p>	<p>Yes</p>	<p>Build routes agreed for DWH, detail of completions as per site execution plan. Route of build has been designed to allow safe access and occupations.</p>
<p>Does the site plan provide details of sales arena including safe access for customers?</p>	<p>Yes</p>	<p>TBC</p>
<p>Does the plan include sufficient infrastructure to be constructed i.e. roads, services and foul/surface water connections prior to the commencement of super-structures?</p>	<p>Yes</p>	<p>First phase of roads and sewers in place prior to DWH taking over as PC. This includes completion of the re-prioritizing of White Post Road and new access into the development.</p>
<p>Has all planning conditions been reviewed and any specific requirements taken into consideration as part of the arrangements on site i.e. protection of wildlife, habitat, public rights of way or tree/hedge preservation orders?</p>	<p>Yes</p>	<ul style="list-style-type: none"> • A public right of way remains open and MUST be segregated from the site. • Archaeology has been identified across the site. Refer to the Written Specification of Investigation (to be approved by the LPA) for further information.
<p>Has the execution plan been reviewed with Sales staff and do they clearly understand the principals of the plan including requirements for safe occupations of plots?</p>	<p>Yes</p>	<p>Sales Director has briefed his sales team on execution strategy.</p>

Confirmation that the Site Execution Plan is appropriate to enable the site works to commence

<p>Signed (Managing Director)</p>		<p>Print Name</p>		<p>Date</p>	
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Details of arrangements for Worker Consultation

- All site staff, contractors and site visitors to report any concerns about Health & Safety to the Site Manager.
- Safe Call : 0800 915 1571 or email Barratt@safecall.co.uk
- Site Inductions
- Notice Boards
- Trade Meetings
- SHE Briefings and tool box talks
- Observation / Suggestions Board

TRAFFIC MANAGEMENT RISK ASSESSMENT

SHE Form 05 - Section 12

Date: Nov 2018

Site

Date

Name of person
conducting
assessment

Position

Number of Persons Exposed

Employees	<input type="text"/>	Other Workers	<input type="text"/>	General Public	<input type="text"/>	Disabled Persons	<input type="text"/>
Visitors	<input type="text"/>	Young Persons	<input type="text"/>	Inexperienced Workers	<input type="text"/>	Estimated Number of Persons at Risk	<input type="text"/>

HAZARDS WHICH CREATE POTENTIAL FOR HARM (mark X to all that apply)

1 Access/Egress <input checked="" type="checkbox"/>	11 Work on / adjacent to water <input type="checkbox"/>	21 Heat <input type="checkbox"/>	31 Live Services <input type="checkbox"/>
2 Underground / Obstructions / Services <input type="checkbox"/>	12 Adverse Weather <input type="checkbox"/>	22 Radiation <input type="checkbox"/>	32 Moving Machinery Parts <input type="checkbox"/>
3 Overhead / Obstructions / Services <input checked="" type="checkbox"/>	13 Hazardous Substances / Materials <input type="checkbox"/>	23 Sharp Objects / Needles <input type="checkbox"/>	33 Manual Handling <input type="checkbox"/>
4 Excavations <input type="checkbox"/>	14 Disease / Weils Disease / Dermatitis <input type="checkbox"/>	24 Restricted Access <input type="checkbox"/>	34 Electrical Equipment / Tools <input type="checkbox"/>
5 Collapse of ground / earth / materials <input type="checkbox"/>	15 Fire / Explosion <input type="checkbox"/>	25 Pressure Systems <input type="checkbox"/>	35 Abrasive Wheels <input type="checkbox"/>
6 Collapse of Structures <input type="checkbox"/>	16 Noise <input type="checkbox"/>	26 Reversing / Overturning Vehicles <input checked="" type="checkbox"/>	36 Surface Obstructions / Falls on level <input type="checkbox"/>
7 Contaminated Ground <input type="checkbox"/>	17 Hand Arm Vibration <input type="checkbox"/>	27 Falls from Height <input type="checkbox"/>	37 Vehicle Movements <input checked="" type="checkbox"/>
8 Soft Ground <input type="checkbox"/>	18 Whole Body Vibration <input type="checkbox"/>	28 Falls of Materials <input type="checkbox"/>	38 Temporary Works <input type="checkbox"/>
9 Confined Spaces <input type="checkbox"/>	19 Fumes / Gas <input type="checkbox"/>	29 Lifting Operations <input type="checkbox"/>	39 Others (Please provide details in additional notes on page 2) <input type="text"/>
10 Demolition <input type="checkbox"/>	20 Dust <input type="checkbox"/>	30 Flying Particles <input type="checkbox"/>	

Evaluation of Risk (Use the table below to evaluate the level risk associated with each hazard identified)

Severity	5	5	10	15	20	25	LIKELIHOOD	Rating 1	Very Unlikely	SEVERITY	Rating 1	No Injury	RISK	Risk = Likelihood (L) x Severity (S)	
	4	4	8	12	16	20		Rating 2	Unlikely		Rating 2	Minor Injury or Illness		1 - 4	Acceptable
	3	3	6	9	12	15		Rating 3	Likely		Rating 3	7 Day Injury of Illness		5 - 10	Further Review
	2	2	4	6	8	10		Rating 4	Very Likely		Rating 4	Major Injury or Illness		11 - 25	Unacceptable
	1	1	2	3	4	5		Rating 5	Almost Certain		Rating 5	Fatality			
		1	2	3	4	5									
	Likelihood														

ADDITIONAL HAZARDS

SHE Form 05 - Section 12

Date: Nov 2018

ITEMS TO BE ASSESSED AND CONTROL MEASURES TO BE IMPLEMENTED

Item	Factors of Harm		Risk	Control Measures	Residual Factors		Risk	Further Controls Required
	L	S	(L x S)		L	S	(L x S)	
<p>Control of vehicles accessing the site. Review types of delivery vehicles and route to and from the site entrance.</p> <p>Consider any restrictions or holding points required</p>	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	
<p>Detail access/egress requirements to the site, including measures for safe entry and exit of pedestrians</p> <p>Consider car parking for staff and contractors</p>	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	

ITEMS TO BE ASSESSED AND CONTROL MEASURES TO BE IMPLEMENTED

SHE Form 05 - Section 12

Date: Nov 2018

Item	Factors of Harm		Risk	Control Measures	Residual Factors		Risk	Further Controls Required
	L	S	(L x S)		L	S	(L x S)	
<p>Review visibility and consider if drivers can see both ways when driving out of the site on to public roads.</p> <p>Consider barriers or traffic control measures</p>	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	
<p>Review how vehicles will access through the site. Detail controls to manage reversing delivery vehicles etc.</p> <p>Consider traffic routes and one way systems. If required safe reversing zones.</p>	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	
<p>Detail delivery times for the site and any restrictions. Are these sufficient to control any risks to adjacent properties?</p>	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	

HAZARDS IDENTIFIED ARE TO BE ASSESSED - CONTINUED

SHE Form 05 - Section 12

Date: Nov 2018

Item	Factors of Harm		Risk	Control Measures	Residual Factors		Risk	Further Controls Required
	L	S	(L x S)		L	S	(L x S)	
Consider how vehicle speeds will be controlled on site and also leaving the site adjacent to occupied areas/premises, especially schools	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	
Review signage required for on-site traffic management and for vehicles getting to and from the site	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	
Detail how segregation between the site access roads and pedestrian routes will be maintained	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	

ITEMS TO BE ASSESSED AND CONTROL MEASURES TO BE IMPLEMENTED

SHE Form 05 - Section 12

Date: Nov 2018

Item	Factors of Harm		Risk	Control Measures	Residual Factors		Risk	Further Controls Required
	L	S	(L x S)		L	S	(L x S)	
Review if traffic marshals are required to control deliveries including details of training for those undertaking the roles	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	
Consider safe unloading and loading zones on site and how these will be managed and controlled	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	
	<input type="text"/>	<input type="text"/>	0		<input type="text"/>	<input type="text"/>	0	

ITEMS TO BE ASSESSED AND CONTROL MEASURES TO BE IMPLEMENTED

SHE Form 05 - Section 12
Date: Nov 2018

Hazard	Factors of Harm		Risk	Control Measures	Residual Factors		Risk	Further Controls Required
	L	S	(L x S)		L	S	(L x S)	
			0				0	
			0				0	
			0				0	

1. Site	Date Plan Completed	Completed By
H7942 - Bodicote	05th June 2019	Darren Broderick

2. Review Dates		
Reviewed by	Date	Details of any amendments

3. Purpose

To ensure that any surface water leaving a BDW Trading Limited development is sufficiently treated as to be acceptable for disposal into controlled waters. This will be achieved by:-

- identifying potential entry points of surface water onto or within the site,
- the implementation of specific measures for capture (lagoons) and final treatment within our boundaries, prior to being discharged off site.
- Implementation of Emergency Measures/Arrangements

Additionally, the plan will identify the requirements to ensure that any implemented measures are adequate and effective, through monitoring, sample collection or other means.

Records (logs, photographs etc.) will be kept.

The plan will identify the responsible parties (named) for each item and the frequency of each event. The plan will be reviewed at appropriate frequencies dependant on risk and impact.

4. Identifying Water Sources

Details of existing streams or ditches

Details of springs, pumping sources

Details of existing, proposed streams or ditches, road gullies, land drainage, surface water drainage etc.

5. Capture Measures (*attach a plan of the site identifying surface water management measures*)

Ditches

N/A

Settlement Ponds

N/A

Earth Bunds

N/A

Other

Road and drainage infrastructure will be in place to provide protection.

6. Treatment
<p>Dirt/Silt Bags (attach manufacturer's literature on the type to be used)</p> <p>Refer to manufacturers literature & RAMS available from Grd Works contractor.</p>
<p>Gulley Bags (attach manufacturer's literature on the type to be used)</p> <p>Refer to manufacturers literature & RAMS available from Grd Works contractor.</p>
<p>Silt Fences (attach manufacturer's literature on the type to be used)</p> <p>N/A</p>
<p>Settlement tanks</p> <p>Sediment Sumps will be dug where there is a need to de-water any foundations. This will be pumped into the new infrastructure ensuring silt bags are fitted.</p>
<p>Other – Road cleaning, assessments, contact with neighbours</p> <p>Road sweeper to be utilized, area for effluent waste to be identified, shown on TMP and agreed by SM.</p> <p>or</p> <p>Waste to be removed from site to licensed area.</p>

7. Discharge points
Water Courses Refer to DWG No:
Surface Water Mains Drainage N/A
Tanker For immediate tanker emergency response call - Reconomy

8. Emergency Measures/Arrangements
Excessive Rainfall/Water Flow Infrastructure including roads and sewers in place for house build areas. Capacity within S104 approved drainage design. Reconomy can be called in for tankers in an emergency.
Emergency Team Site Manager, Contracts Manager, Ground Works Foreman For immediate tanker emergency response call - Reconomy

9. Monitoring Arrangements			
What	How	When	By Whom
Monitoring of Surface Water Management Arrangements	Visual inspection of all Surface Water Management Arrangements and implemented control measures (Silt fences, Gulley Bags, Manhole bags etc.) Daily Log to be kept.	Visual daily recorded and submitted to Site Manager weekly or after any remedial action	Ground worker Competent Person(s)
Management of Surface Water Management Arrangements	Weekly review by Site Management recorded on SHE Form 29	Weekly review	Site Manager
Review of Surface Water Management Arrangements	Review by Contracts/Projects Manager recorded on SHE Form 18	Monthly review	Contracts/Projects Manager
Testing/Analysis of samples	Selected Biological solid/settlement test	As required or as plan outlines	Independent analytical company

10. Review Frequencies			
	How	When	By Whom
Surface Water Management Plan	A set procedure - minimum every 3 months and following/during severe weather conditions.	Every 3 months and following adverse weather	Contracts Manager & Groundworker
Environmental objective	Silt/slurry collection, also visual assessments, flow rate assessments	As above process and following adverse weather	Contracts Manager & Groundworker
Actions	System amendment if potential failures identified	Immediate	Contracts Manager & Groundworker