Construction, Traffic and Ecological Management Plan

Cowm Top Lane, Rochdale

BDW Trading Ltd (Trading as Barratt Homes Manchester)

Ref: H8544-BAH-XX-XX-HS-CL-321300

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Introduction

Objectives

The purpose of this construction environmental management plan is to outline how the project will avoid, minimise or mitigate damaging effects on the environment, surrounding areas, and the local community, as well as ensuring compliance with current environmental legislation.

Structure of the Document

This document will Demonstrate Barratt Redrow group policy with respect to environmental protection and controls. It will also consider the site-specific environmental issues and demonstrate what steps are being implemented to avoid, minimize or mitigate against those effects.

Where a particular environmental issue or control measures is reported in greater detail in a specific report, the document will refer to that report for further detail. The report will not be reproduced in this document, due to the size of the document(s).

Where a particular environmental issue or control measure is demonstrated via a drawing, a brief description will be provided in this document with the drawing number referenced in the text of this document and the drawing provided in the "Drawings" section.

Where a particular environmental issue or control measure is covered by the Group Safety Health and Environmental Management System or a Barratt Redrow Standard (BRS), the BRS will be provided in the appendices to this document.

Environmental Policy Statement

To achieve the objectives in terms of environmental controls, the Barratt Redrow Group is committed to striving to:

- Prevent pollution, reduce waste and ensure the efficient use of materials, energy and water.
- Use sustainable, reusable or recyclable products in line with our Sustainable Procurement Policy.
- Ensure that all waste, particularly hazardous or contaminated waste, is tested, transported and disposed of in an environmentally acceptable manner, in accordance with statutory duty of care requirements
- Preserve heritage and minimise noise levels, traffic movements and emission of pollutants, as well as disturbance to wildlife habitats and to public and local ecosystems.
- Review and monitor appropriately its activities and identify issues which could have a significant impact on the environment.
- Minimise risks of environmental incidents through the formulation and adoption of appropriate risk management procedures and, in conjunction with the appropriate authorities, to maintain an emergency response with the capability to deal with accidental pollution.
- Consult with our employees and supply chain to enable the effective implementation of and compliance with the policy.
- Provide the necessary awareness and training to enable staff at all levels to understand and contribute to the implementation of this policy.
- Ensure each development has a robust plan in place for the management of waste, from inception through the duration of its construction.
- Seek to assess the environmental impact of all current and likely future operations and integrate environmental issues into business decisions.

Barratt Redrow Group Management System

The Group standards are set out in the Occupational Safety, Health and Environmental Management System (SHE Management System). The SHE Management System is managed by the Group SHE team.

The SHE Management System will be reviewed annually or when changes in Legislation or other statutory requirements are introduced**.**

The following are mandatory procedures, known as Barratt Redrow Standards (BRS). The BRS's relate to specific processes or work activities and are mandatory requirements to be implemented in the Group, and can be found in Appendix B

BRS 00 Group Safety, Health and Environmental (SHE) Policies and Procedures
BRS 01 Pre-Commencement
BRS 02 Risk Assessment
BRS 05 Accident, Incident Reporting & Environmental Reporting
BRS 06 Monitoring, Reporting & Auditing of Safety, Health & Environmental Standards
BRS 07 Development, Induction & Safety, Health & Environmental Briefings (SHEBs)
BRS 26 Safety Health and Environmental Aspects and Impacts Register
BRS 27 Trees, Plants and Animals
BRS 28 Chemical Storage, Discharge and Spillage
BRS 29 Waste Management
BRS 31 Crisis Management Response Plan
BRS 33 Asbestos
BRS 38 Excavating/Driving Piles/Digging
BRS 41 Development Security and Signage
SHE Form 10 Site Water Management Inspection
SHE Form 10A Site Surface Water Management Inspection Close-Out
SHE Form 92 Permit to Discharge to Watercourse
SHE Form 93 Record of Water Sampling

Project

Site Description

The site is the former open greenfield off Cowm Top Top, Rochdale. Cowm Top Lane is to the North. To the southern boundary is Trows Lane. The eastern boundary is bounded by the A627(M) motorway/M62 Junction. To the south of the site are several Lodges/Ponds used for Recreational fishing, owned and managed by Rochdale & District Angling Society. These Lodges are on an ordinary watercourse, which ultimately drain to Trub Brook to the East. Public Rights of Way bound the site to the northern boundary (Cripplegate Lane/FP24) and the western boundary (FP25).

Development Proposals Outline

The proposal is to construct 445No low rise residential properties, Site Roads, Site Infrastructure, and Public Open Spaces. The planning layout can be seen in Appendix A

Planning Context

The site was granted reserved matters planning by Rochdale MBC. Decision Notice Number is 22/01190/FUL.

Programme

At the time of writing this report, Remediation works are anticipated to commence in XXXX.
Road and sewers are anticipated to start in XXXX
The first house completion is anticipated to be XXXX
The development is anticipated to be completed in XXXX, subject to build rates and sales.
The approved Phasing and Delivery Plan is shown in the drawings sections.

Hours of Construction and Deliveries

Working times for the project are:

Mon-Fri 8am-6pm
Sat 9am-2pm
No working on Sundays or Bank Holidays

If any work is necessary outside the above hours of work, this will only be done with prior written agreement from the local planning authority.

Site Access Restrictions

There are no site access time/date restrictions, except for the allowable working hours shown above.

Contact Details

Divisional Office Contact Details

BDW Trading Ltd – Barratt Manchester Division.
Adamson House,
Towers Business Park,
Wilmslow Road,
Didsbury,
M20 2YY

(Office Hours 9am to 5pm Monday to Friday)
0161 872 0161

Out of Hours Contact Details
0345 601 6084

Remediation Phase Contact Details

TBC

Other Useful Contact Numbers

Emergency Services
999 or 112 (Emergency)
101 (Non-Emergency)

Environment Agency – General Enquiries
03708 506 506

Environment Agency
Floodline 0845 988 1188

Rochdale MBC Noise Nuisance and Environmental Health.
Tel: 0300 303 8871

Traffic Management Plan

For construction traffic routes approaching the site on existing highways, refer to the Construction Environmental Management Plan drawing. The primary site access will be off Cowm Top Lane.

Details of the agreed access/egress routes will be issued to all suppliers and subcontractors. This will be policed as far as practical but it must be recognised that the contractor has no jurisdiction over the vehicles once they have left site. Verbal and written briefings will be provided to all suppliers, contractors and visitors whilst also making them aware of any restrictions that they should adhere to when accessing the site.

Any unsuitable routes for large equipment will be communicated to all parties.

A comprehensive set of Highway Condition Survey Photos have been taken for all the site approach routes, prior to works commencing, and have been provided to Bury MBC. Photos are available upon request.

For construction traffic within the site, refer to the Construction Environmental Management Plan Drawing.

Site Boundary Treatments

For Permanent Boundary Treatments refer to the Boundary Treatment drawing.

Proprietary fencing/hoarding will be erected to the full site boundary in accordance with designs and/or manufacturer's recommendations to secure the perimeter of the site. This may be a phased approach dependent upon the phased release of remediation phasing.

All signage and site boundary hoardings are to be kept clear of any highway visibility splays required to maintain safe movements in and around the site.

Site Access Proposals

Permanent Site Access

For permanent site access proposals refer to the Construction Environmental Management Plan Drawing. A single permanent site access is proposed off Cowm Top Lane.

An Emergency Access is proposed off Trows Lane. This is to be closed to normal traffic by collapsible bollards.

All signage and site boundary hoardings are to be kept clear of any highway visibility splays required to maintain safe movements in and around the site.

Temporary Site Access(es)

Initial remediation phase construction traffic shall access and egress the site via Cowm Top Lane.

There may be a short period when the S278 highway improvement works are being completed to Cowm Top Lane, where a Temporary Access off Trows Lane may be utilised. During this period, movements on and off site will restricted to small vehicles.

Compound Location and Layout

Refer to the Construction Environmental Plan Drawing for the compound location.

The compound location includes Welfare Units, Storage Areas, and Contractor Parking.

A Standard compound detail can be seen within Appendix D.

The construction site provides adequate space for construction staff parking, welfare units and on site storage areas. Construction staff and subcontractors will be made aware on site induction that they are not permitted to park on the local highway network, with regular checks being made by site management. Having regard to these measures and given the amount of space available within the site, no construction staff or subcontractor parking will occur on the local highway network.

Construction & Delivery Vehicle Routing

Construction & delivery vehicle swept paths are shown on the Construction Environmental Plan Drawing.

There must be no reversing into or from the live highway at any time – all vehicles entering the site must do so in a forward gear, and turn around in the site before exiting in a forward gear onto the operational public highway.

There must be no storage of materials on the public highway at any time.

There must be no standing or waiting of machinery or vehicles on the public highway at any time.

Vehicles must only access the site using a designated vehicular access point.

There must be no machinery operating over the highway at any time, this includes reference to loading/unloading operations – all of which must be managed within the confines of the site.

Signage Arrangement

Directional Signage will be deployed along the local highway network, at locations and specification agreed with the local highway authority. The signs will be risk assessed, installed, maintained, renewed and removed by insurance backed specialist signage contractors.

Sales signage will be installed within the site boundary at the location as shown on the Construction Environmental Plan Drawing.

All signage and site boundary hoardings are to be kept clear of any highway visibility splays required to maintain safe movements in and around the site. Signage location is also to be considerate to the existing residents in the immediate vicinity of the site.

Control of Noise & Vibration

It is important to consider the impact of the construction site on the local environment. This will include understanding where the nearest sensitive source or residential receptor is, the general ambient noise level in the area and having an understanding of what the impacts will be, given the duration, scale and type of construction and demolition required.

In order to minimise the impact of noise and vibration on the local community, wildlife habitats and any other sensitive receptor, the following principles should be applied, wherever practicable.

Working will only be permitted within the approved working hours as set out above. Vehicles deliveries and plant movements will not be permitted outside of these hours, unless by prior agreement with the LA Environmental Health Officer.

Locate the site access and the material storage away from sensitive receptors. Hoardings to the site boundary should be used for security and to reduce the impact of noise escaping the site.

Circulatory routes will be provided where practicable in order to avoid the need to reverse, and thus reducing the noise from reverse warning systems. Where reversing is unavoidable, designated turning areas should be provided as far from the sensitive receptor as practicable.
Delivery routes and vehicle holding areas will be chosen to avoid built up occupied areas, where practicable. Refer to the Construction Environmental Plan Drawing for traffic management routes.

Where a generator is required, they should be timed to operate only within required hours, where practicable. The generators should also be “Super Silent” type, and stored within a hoarding or screened compound to reduce the impact on the local environment.

Ensure adequate planning within the project to prevent noise generating from double handling of materials and overlapping of high noise activities.

Large concrete pours to be started as early as possible, within normal working hours, to avoid overruns.

When working within a building, wherever possible ensure all openings (i.e. windows and doors) are sealed.

Before works commence, the site workforce will be fully briefed on the need to keep all noise generated to a minimum. Shouting and raised voices are not permitted other than in cases where warnings of danger must be given. Radios will not be played at a volume that is likely to disturb local residents.

It is the Site Manager’s responsibility to ensure that good practice is being adhered to. Where excessive noise or vibration is being experienced, the activity should be stopped immediately, until an improved method can be employed, or screening measures can be implemented.

Where existing properties are expected to be impacted by noise and vibration, a letter drop will be provided prior to the works to inform of start dates, expected duration of the operation, and providing contact details for queries.

All noise and vibration complaints will be recorded and where possible the cause(s) will be, identified. Appropriate measures to reduce noise or vibration will be undertaken in a timely manner, and recorded.

A log book to be kept of all complaints, together with details of any action taken to deal with the

complaint and made available to the local authority when asked.

Site Lighting during Construction Period

Low Energy Security Lighting with PIR Sensors are provided to the compound area only, the locations of which can be seen on the Standard compound details within Appendix D.

Driven Piling Works

Driven Piling operations are used only where depth to bearing ground conditions are too deep to use a traditional spread foundation type, or where ground conditions preclude the use of other foundation types.
The impact of driven piling can often results in nuisance noise and vibration for local residents and sensitive receptors, and in some cases could cause damage to existing buildings. Where driven piling cannot be avoided, Barratt will endeavor to minimise the impact of driven piling operations wherever possible, by using good practices, using experienced contractors, and using good communications with the local community.
Driven Piling works will be carried out, where practicable, in batches, to ensure the duration of nuisance is minimal.
Where piling operations is expected to impact the local residents, a letter drop will be provided at least 1 week prior to works commencing, to inform of start dates, expected duration of the operation, and providing contact details for queries. The Construction Environmental Plan Drawing Plan shows the location of the existing properties which will be notified of the piling works.

Residents of existing properties within close proximity to the site, or where damage to the property is at greater risk from piling operations due to the property age or condition, will be offered, by letter drop, a free visual inspection of their property to ensure that the property is structurally sound, and not susceptible to damage due to vibration. The inspection will be carried out by a qualified Structural Engineer or Chartered Building Surveyor. A photographic record of the property will be taken and kept on record for future reference. The photographic report may be provided to the homeowner/resident upon request. For privacy purposes the report will only be provided by post to the property address upon request. The Construction Environmental Plan Drawing shows the location of the existing properties which will be offered the free visual inspection.

Where a piling operation is close to existing properties, vibration monitoring will be carried out, usually at the closest affected property. The vibration monitoring equipment will be continually monitored for the duration of the works.

BS7385-2 notes that the probability of damage tends towards zero at 12.5 mm/s peak particle velocity.

Guide values for vibration relating to cosmetic damage shown in BS7385-2:1993 states peak particle velocity (PPV) value of up to 10 mm/sec is tolerated for low frequency vibration, however for continuous vibration the standard states that the PPV should be halved.

For vibration levels peaking above 10mm/s, at the monitoring point, piling should cease immediately, and mitigation measures to reduce vibrations will be discussed with the piling contractors.

For vibration levels consistently above 5mm/s, at the monitoring point, piling should cease immediately and mitigation measures to reduce vibrations will be discussed with the piling contractors.

Noise and vibration can be minimized by:

- Using a modern, well maintained piling rig and enclosed hammer.

- Suitable packing between the hammer & pile.
- Consider the orientation of the piling rig.
- Pre-bore the pile positions.
- Reduce the hammer drop height.
- Reduce the pile load & increase the number of piles.
- Increasing the distance between the piling rig and the receptor.
- Screening of the rig (reduces noise only).
- Using a tubular steel driven pile (reduces vibration only).
- Using an alternative piling technique such as augered piles.

The use of dry timber packers between hammer and pile is to be avoided to reduce the likelihood of smoking/combustion due heat generated by the hammer blows.

Control of Dust

The development shall include dust suppression measures and the methods to monitor emissions of dust arising from the development. The approved dust suppression measures shall be maintained in a fully functional condition for the duration of the construction phase.

This plan will be monitored by the Site Manager to ensure compliance throughout the development programme.

Visual dust monitoring will be undertaken continually, on-site and off-site. Particular attention to should be paid to sensitive areas, such as near existing properties, public parks, or wildlife habitats. Weekly Monitoring of dust is to be carried out by the Site Manager and logged in The Site Diary - SHE form 16.

Forward planning for dust mitigation measures should be considered throughout the year, but particularly in periods of dry weather.

Access to a site water supply will be provided at all stages in the project for dust control should it be required.

If excavations are carried out in dry weather, increased water spraying will be required to ensure that the surface material remains damp. In wetter weather, greater attention will be required to ensure that mud does not leave the site through vehicle cleaning, which if deposited on roads, will produce dust when dry.

Roads should be surfaced as soon as possible during the construction programme, to minimise mud collected on vehicle wheels. Completed roads on the site are to be regularly cleaned by Water Assisted Road Sweepers, at regular intervals, AND upon request of the site manager.

Speed limits of 10mph will be introduced for all construction and site traffic.

Throughout the construction process, care will be taken to ensure that dust produced from vehicles delivering and removing materials to and from the site is minimised. This will be achieved by ensuring that drop heights are kept to a minimum and that dusty loads are sheeted. Vehicles entering and leaving sites will also be covered to prevent escape of materials during transport.

Material storage compounds will be screened by hoardings, where practicable.

Excavations and Earthworks should be damped down during prolonged dry weather to minimise dust.

Topsoil should be left unstripped as long as possible in order to minimize potential for dust.
Where topsoil has been stripped, it should be re-vegetated as soon as practicably possible.

Stockpiles of soils should be sealed in bunds or mounds and not allowed to dry out. Steep side slopes and sharp changes in direction should be avoided. Stockpiles should be covered, seeded, or fenced, where practicable. Stockpiles should be away from site boundaries as far as practicable. Stockpiles should be damped down during dry weather to minimise dust.

The grinding, sawing and cutting of materials shall be carried out using suitable dust suppression techniques such as water sprays or local extraction.

Skips and Chutes should be covered where practicable. Drop height into skips and chutes should be kept to a minimum. Damping down of skip contents with water should be used if required.

Should any demolition be required, separate risk assessments and method statements will be requested which will include the requirements for minimizing dust. These may include
Soft stripping inside buildings before demolition, and the use of water suppression where required.

The burning of waste on site is strictly prohibited. All waste material is to be re- used or safely removed from site in accordance with relevant legislation.

All dust and air quality complaints will be recorded and where possible the cause(s) will be, identify. Appropriate measures to reduce emissions will be undertaken in a timely manner, and record.

A log book to be kept of all complaints, together with details of any action taken to deal with the complaint and made available to the local authority when asked.

Wheel Washing Facilities

During the demolition and remediation phase, and where vehicles are expected to be leaving the site boundary, a dedicated wheel wash will be provided for the duration of the import/export operations. This may also be supplemented by a Jet Wash and operative manually cleaning vehicles.

During the house build phase, it is not practicable to provide a dedicated wheel wash at the site boundary, as the site boundary is continually moving positions, therefore, a mobile industrial jet wash and operative will be provided in a designated wheel wash area, particularly during earthworks imports and exports. The Designated Wheel wash Area will be in/around the site compound area shown on the Construction Environmental Plan Drawing.

To minimise the impact on the adjacent highways, roads should be surfaced as soon as possible to minimise mud collected on vehicle wheels. Roads on the site and existing adopted highways are to be regularly cleaned by water assisted road sweepers, at regular intervals, AND upon request of the site manager.

Protection of the Existing / Retained Trees and Hedgerows

This Barratt Redrow Standard BRS27 details the policy and procedures for dealing with Trees, Plants and Animals. The policy and procedures reflects the company's commitment to protecting wildlife.

For site specific recommendations, refer to the Site Specific Arboricultural Impact Assessment.

Habitat Protection, Creation & Management

This Barratt Redrow Standard BRS27 details the policy and procedures for dealing with Trees, Plants and Animals. The policy and procedures reflects the company's commitment to protecting wildlife.

For site specific recommendations refer to the following documents for recommendations.

Arboricultural Impact Assessment 2826_ARB_AIA_01_REV_00
Ecological Assessment 7403.02.002
Habitat Regulations Screening Assessment 8666.001
Landscape And Ecological Management Plan 8666.03.001

Protection of the Watercourses

To the south of the site lies several lodges owned and managed by Rochdale & District Angling Society. These Lodges are on an ordinary watercourse, which ultimately drain to Trub Brook to the East. Trub Brook is a main river.

Works within 8m of an existing watercourse are prohibited except where consent has been provided by The Environment Agency or LLFA.

Surface water and ground water resources could be impacted from pollution, for example, fuel spillages, dust and waste. Surface water from the site will drain via a series of swales and attenuation ponds to an existing pipe on the southern boundary of the site.

Mitigation measures to manage spillages, dust and waste are detailed in other sections of this document. All diesel tanks will be bunded and diesel spill response kits will be located in high-risk areas susceptible to spills. Fuel spill kits are stored in the site compound and at appropriate locations across the development site.

Barratt Redrow Standard BRS 28 provides recommendations for preventing silt run-off from the site. Refer to BRS 28 in Appendix B.

Barratt Homes have commissioned a water quality investigation to inform baseline conditions at the site and the Lodges, prior to development. Barratt Homes Manchester commissioned a monthly water quality monitoring programme, for a period of twelve months, commencing November 2024. At the time of writing this document initial test results are available. Regular testing will be carried out throughout the construction works, to ensure the development is not having a detrimental impact on the water quality to adjacent Lodges.

Silt and Surfaces Water Management

There is potential for the creation of silt during periods of heavy rainfall which if not managed could cause silt pollution which could lead to:

- Pollution of watercourse and harm to watercourse fauna;
- Flooding; and
- Blocking drains causing nuisance issues.

Barratt Redrow Standard BRS 28 provides recommendations for preventing silt run-off from the site. Refer to BRS 28 in Appendix B.

A Silt Water Management Plan will be prepared for all developments near an existing watercourse. The silt water management plan will utilize the proposed Basins and Swales to act as settling ponds for treatment and removal of silts.

Monthly water pollution inspection is to be carried out by the Technical Director's representative and evidenced on SHE Form 10.

Silt protection fences will be employed along the full length of the watercourse to minimise surface silt run-off.

Highway gullies will be temporarily dammed with straw bales to filter SW run-off and reduce discharge to the watercourses. Gullies will be cleaned regularly and replacement straw provided where required.

In order to minimize siltation of any watercourses, the following mitigation measures could be employed:

- A staged approach to vegetation clearance along the watercourse within the site will be implemented. Where topsoil has been stripped, it should be re-vegetated as soon as practicably possible.
- Heras fencing to be erected adjacent existing watercourses to physically prevent incursion or debris entering the watercourse. Fencing will only be removed to facilitate landscaping or diversion works.
- Where silt run-off is expected to be a concern, a silt management plan will be prepared by Specialists prior to the works.
- Leaving grassy areas as catchment or settlement areas;
- Use of grips and straw bales;
- Implementation of swales and pond planting at an early stage of
- development to reduce silt run-off;
- Surfacing roads as soon as is practicable;
- Regularly scraping and sweeping development roads

Temporary Dewatering from Excavations to Surface Water should only be used where necessary.

Barratt Redrow Standard BRS 28 provides recommendations and guidance for temporary dewatering to Surface Water. Refer to BRS 28 shown in Appendix B.

A water discharge activity permit (from the Environment Agency) is not required when discharging rainwater from an excavation where the below applies.

- Discharge is clean rainwater or infiltrated groundwater which has collected in the bottom of the trench.
- It will not result in suspended solids entering the surface water.
- Discharge lasts no more than 3 consecutive months (the activity may stop and restart but the clock does not restart). If it is likely to go over 3mths then a permit will be required.
- Discharge is only to surface water such as a river or stream.
- The controls are detailed in a method statement for the operation

- Discharge cannot take place within or less than 500m upstream of; Sites of Scientific Interest, Special Areas of Conservation, Special Protection Areas and other nature conservation areas such as nature reserve.

A water discharge activity permit (from the Environment Agency) will be required when using a treatment method to remove silt. This will need to be in place before any dewatering activities take place. Refer to SHE Form 92.

A discharge consent will have monitoring requirements, and these will need to be undertaken at intervals stipulated by the permit and recorded on SHE Form 93.

Irrespective of any Environmental Agency requirement, any dewatering on a Barratt Redrow site will require a Barratt Redrow Permit to be in place before the activity is undertaken. This is to ensure that the correct controls are in place and no environmental pollution is taking place. The permit is to be issued by the Technical Dept and controlled by the Site Manager. Refer to SHE Form 92.

Records of the above must be maintained for a minimum of 2yrs on A-site.

Drainage Strategy

Refer to the document Report on Drainage Strategy to Accompany Planning Application.

Site Waste Management Plan

This Barratt Redrow Standard BRS 29 details the Waste Management policy and procedures. The policy and procedures reflects the company's commitment to waste management as part of our overall Environmental Policy. Refer to BRS 29 in Appendix B.

A Site Waste Management Plan has been produced. Refer to Appendix E.

Barratt Redrow (Formerly BDW Trading) are a registered waste carrier. Registration Number CBDU41881. Refer to Appendix D for waste carrier license.

Unexpected Contamination or Spillage

Barratt Redrow Standard BRS 28 deals with chemical storage and accidental spillage.
Refer to BRS 28 in Appendix B for further details.

Reporting of Environmental Incidents

Environmental Incidents to be reported in accordance with Barratt SHE Policy BRS 05. Refer to Appendix B.

- Environmental incidents to be reported include, but not limited to:
- Damage or danger to the natural environment
- Pollution to water or land
- Poaching or illegal fishing
- Dead fish or fish gasping for air
- Watercourses blocked by a vehicle or fallen tree causing risk of flooding
- Flooding from main rivers or the sea
- Illegal dumping of hazardous waste or large amounts of industrial waste
- Illegal removals from watercourses
- Unusual changes in river flow

- Collapsed or badly damaged river or canal banks.

Where the environmental incident involves a risk to life or property, the appropriate statutory authority or emergency services should be notified using the contact details above.

Where an Environmental Incident has occurred, the site manager, or an appointed person, is to report the incident via the “LOGINCIDENT APP” or SHE Form 11.

The Divisional SHE Manager (or other appointed member of the SHE team) will be responsible for ensuring an investigation and report is completed for all reportable incidents and any incidents where a significant failure or near miss has occurred.

Monitoring and Compliance

Barratt SHE policy requires continuous monitoring, reporting and auditing of environmental standards. Refer to BRS 06 in Appendix B.

The Site Manager is to carry out a daily review of the development with the entry in SHE form 16.

A SHE tour of the development is to be carried out by the Site Manager at intervals no greater than 10 days, with entries evidenced in SHE Form 29.

A SHE tour of the development is to be carried out by the Contracts Manager at intervals no greater than 40 days, with entries evidenced in SHE Form 18.

Independent SHE inspections of development is to be carried out by the Group SHE Manager at intervals not exceeding 28 days.

Monthly Water pollution inspection is to be carried out by the Technical Director Representative, with entries evidenced in SHE Form 10.

Communications Strategy

Where existing properties are expected to be impacted by noise and vibration, a letter drop will be provided in accordance with the strategy set out in the “Control of Noise and Vibration” section above.

Where existing properties are expected to be impacted by noise and vibration due to Driven Piling, a letter drop will be provided in accordance with the strategy set out in the “Driven Piling Works” section above.

Where works are required to existing adopted highways, all properties taking access off it will be notified of forthcoming works, to inform of start dates, expected duration of the works, any access restrictions, and providing contact details for queries or complaints. The letter will be provided at least two weeks prior to the works commencing.

END

DRAWINGS

Warning to House Purchasers

Buyers are warned that this is a working drawing and the contents of this drawing may be subject to change during the build process. The layout, form, content, and dimensions specified are included for general guidance only. Finishes or features shown may alter in respect of individual properties. Whilst we make every effort to ensure our drawings are up to date there may from time to time be an unavoidable delay in updating these due to changes in regulations and/or Planning. Buyers should therefore not rely on the information shown on these drawings in respect of individual properties. The contents of this drawing do not constitute a contract, part of any contract or warranty unless specifically incorporated into the contract. They should not be relied upon for the purposes of entering into a contract to purchase any property.

- Phase1 Roads & Sewers
- Phase2A Roads & Sewers
- Phase3 Roads & Sewers
- Phase4 Roads & Sewers
- Phase5 Roads & Sewers
- Phase6 Roads & Sewers

- Barratt Homes Build Route
- Proposed New Foul Pump Station
- Noise Bund
- Compound
- Contractor Parking
- Brick Store
- Sales Arena
- Sales Sign
- Inbound / Outbound Traffic Route
- Temporary Haul Road
- Construction Access
- Temporary Construction Access

Phase4 cannot be commenced until Phase3 Roads have been completed and the overhead electric cable diverted into Phase3 Roads.

Overhead Electric Cables cannot be diverted until phase 3 roads and sewers have been installed.

CONSTRUCTION TRAFFIC

Cowm Top Lane

Seated Area

Gas

Sub 1

Ph1

Ph2

Ph3

Ph4

Ph5

Ph6

COMPOUND

BRICK STORE

BARRATT SALES

OTHER SALES

Seated Area for Public Path

Pump Station1

Basin 3

Basin 2

Basin 1

Sub 2

Pump Station2

TRIM TRAIL AREA

LEANDER DRIVE

Trows Farm

Trows Lane

TEMPORARY CONSTRUCTION ACCESS

Fishing Lodge

Works

Royle Hill

A 627(M)

M 62

Revision	Description	Date	Design By
P02	Phasing to DMH Roads revised. DMH Compound Position revised.	11.07.25	SPG
P01	First Issue	17.06.25	SPG

Project: Cowm Top Lane, Rochdale

Description: Construction Environmental Management Plan

Design By:	Date:	Scale at A0:	Revision:
SPG	Jun 25	NTS	P02

Project	Originator	Zone/Level	Type	Discipline	Number
H8544	- BAH -	XX	- XX -	DR -	CL - 321301

BARRATT HOMES

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BARRATT - CLASSIC PARCEL

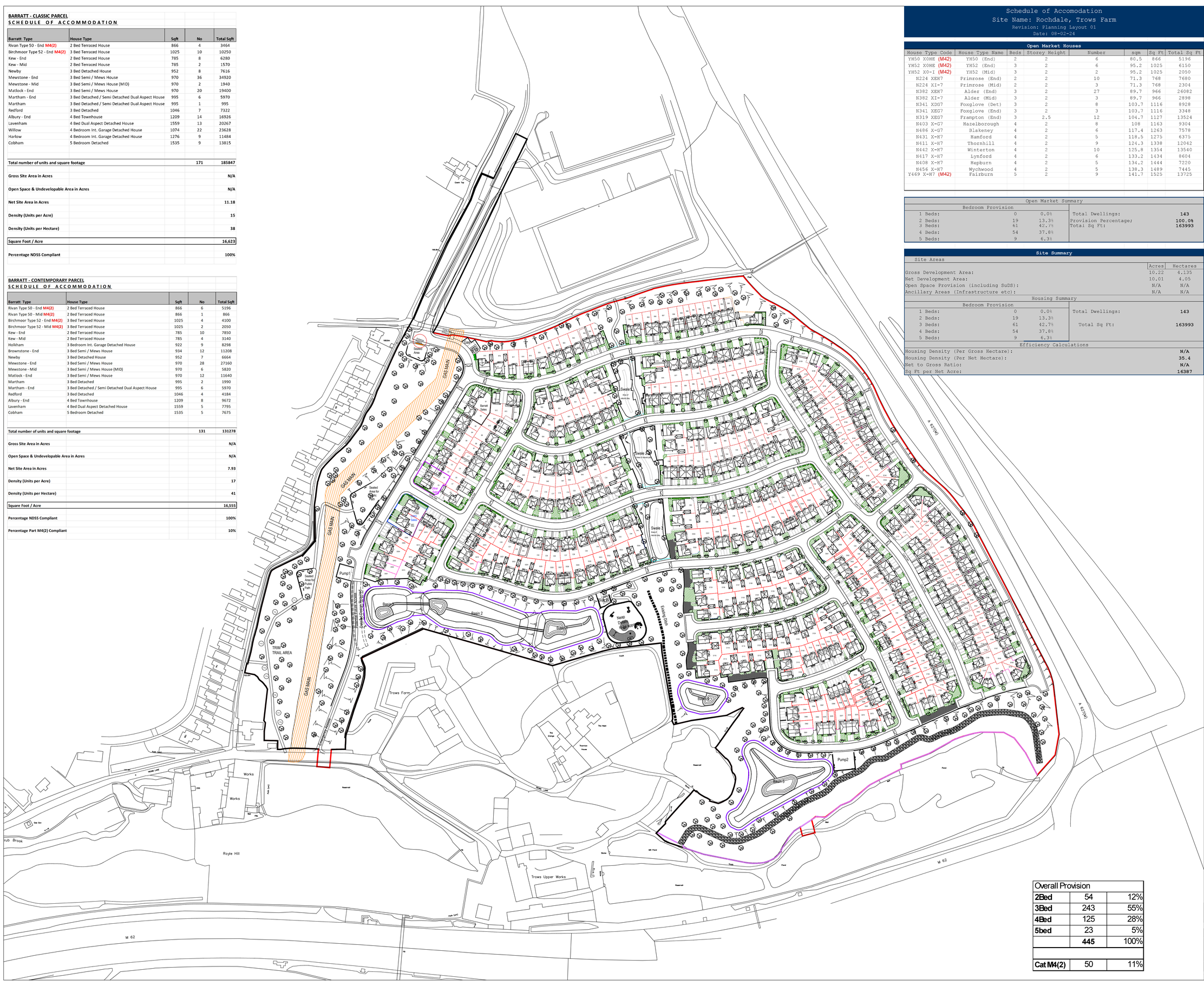
SCHEDULE OF ACCOMMODATION

Barratt Type	House Type	Sqft	No	Total Sqft
Rivan Type 50 - End M4(2)	2 Bed Terraced House	866	4	3464
Birchmoor Type 52 - End M4(2)	3 Bed Terraced House	1025	10	10250
Kew - End	2 Bed Terraced House	785	8	6280
Kew - Mid	2 Bed Terraced House	785	2	1570
Newby	3 Bed Detached House	952	8	7616
Mewstone - End	3 Bed Semi / Mews House	970	36	34920
Mewstone - Mid	3 Bed Semi / Mews House (MID)	970	2	1940
Matlock - End	3 Bed Semi / Mews House	970	20	19400
Martham - End	3 Bed Detached / Semi Detached Dual Aspect House	995	6	5970
Martham	3 Bed Detached / Semi Detached Dual Aspect House	995	1	995
Redford	3 Bed Detached	1046	7	7322
Albury - End	4 Bed Townhouse	1209	14	16926
Lavenham	4 Bed Dual Aspect Detached House	1559	13	20267
Willow	4 Bedroom Int. Garage Detached House	1074	22	23628
Harlow	4 Bedroom Int. Garage Detached House	1276	9	11484
Cobham	5 Bedroom Detached	1535	9	13815
Total number of units and square footage			**171**	**185847**
Gross Site Area in Acres				**N/A**
Open Space & Undevelopable Area in Acres				**N/A**
Net Site Area in Acres				**11.18**
Density (Units per Acre)				**15**
Density (Units per Hectare)				**38**
Square Foot / Acre				**16,623**
Percentage NDSS Compliant				**100%**

BARRATT - CONTEMPORARY PARCEL

SCHEDULE OF ACCOMMODATION

Barratt Type	House Type	Sqft	No	Total Sqft
Rivan Type 50 - End M4(2)	2 Bed Terraced House	866	6	5196
Rivan Type 50 - Mid M4(2)	2 Bed Terraced House	866	1	866
Birchmoor Type 52 - End M4(2)	3 Bed Terraced House	1025	4	4100
Birchmoor Type 52 - Mid M4(2)	3 Bed Terraced House	1025	2	2050
Kew - End	2 Bed Terraced House	785	10	7850
Kew - Mid	2 Bed Terraced House	785	4	3140
Holkham	3 Bedroom Int. Garage Detached House	922	9	8298
Brownstone - End	3 Bed Semi / Mews House	934	12	11208
Newby	3 Bed Detached House	952	7	6664
Mewstone - End	3 Bed Semi / Mews House	970	28	27160
Mewstone - Mid	3 Bed Semi / Mews House (MID)	970	6	5820
Matlock - End	3 Bed Semi / Mews House	970	12	11640
Martham	3 Bed Detached	995	2	1990
Martham - End	3 Bed Detached / Semi Detached Dual Aspect House	995	6	5970
Redford	3 Bed Detached	1046	4	4184
Albury - End	4 Bed Townhouse	1209	8	9672
Lavenham	4 Bed Dual Aspect Detached House	1559	5	7795
Cobham	5 Bedroom Detached	1535	5	7675
Total number of units and square footage			**131**	**131278**
Gross Site Area in Acres				**N/A**
Open Space & Undevelopable Area in Acres				**N/A**
Net Site Area in Acres				**7.93**
Density (Units per Acre)				**17**
Density (Units per Hectare)				**41**
Square Foot / Acre				**16,555**
Percentage NDSS Compliant				**100%**
Percentage Part M4(2) Compliant				**10%**



Schedule of Accomodation

Site Name: Rochdale, Trows Farm

Revision: Planning Layout 01

Date: 08-02-24

Open Market Houses

House Type Code	House Type Name	Beds	Storey Height	Number	sqm	Sq Ft	Total Sq Ft
YH50 X0HE (M42)	YH50 (End)	2	2	6	80.5	866	5196
YH52 X0HE (M42)	YH52 (End)	3	2	6	95.2	1025	6150
YH52 X0-I (M42)	YH52 (Mid)	3	2	2	95.2	1025	2050
N224 XEH7	Primrose (End)	2	2	10	71.3	768	7680
N224 XI-7	Primrose (Mid)	2	2	3	71.3	768	2304
N382 XEH7	Alder (End)	3	2	27	89.7	966	26082
N382 XI-7	Alder (Mid)	3	2	3	89.7	966	2898
N341 XDG7	Foxglove (Det)	3	2	8	103.7	1116	8928
N341 XEG7	Foxglove (End)	3	2	3	103.7	1116	3348
N319 XEG7	Frampton (End)	3	2.5	12	104.7	1127	13524
N403 X-G7	Hazelborough	4	2	8	108	1163	9304
N486 X-G7	Blakeney	4	2	6	117.4	1263	7578
N431 X-H7	Hamford	4	2	5	118.5	1275	6375
N411 X-H7	Thornhill	4	2	9	124.3	1338	12042
N442 X-H7	Winterton	4	2	10	125.8	1354	13540
N417 X-H7	Lynford	4	2	6	133.2	1434	8604
N408 X-H7	Hepburn	4	2	5	134.2	1444	7220
N456 X-H7	Wychwood	4	2	5	138.3	1489	7445
Y469 X-H7 (M42)	Fairburn	5	2	9	141.7	1525	13725

Open Market Summary

Bedroom Provision				
1 Beds:	0	0.0%	Total Dwellings:	143
2 Beds:	19	13.3%	Provision Percentage;	100.0%
3 Beds:	61	42.7%	Total Sq Ft:	163993
4 Beds:	54	37.8%		
5 Beds:	9	6.3%		

Site Summary

Site Areas

	Acres	Hectares
Gross Development Area:	10.22	4.135
Net Development Area:	10.01	4.05
Open Space Provision (including SuDS):	N/A	N/A
Ancillary Areas (Infrastructure etc):	N/A	N/A

Housing Summary

Bedroom Provision				
1 Beds:	0	0.0%	Total Dwellings:	143
2 Beds:	19	13.3%		
3 Beds:	61	42.7%	Total Sq Ft:	163993
4 Beds:	54	37.8%		
5 Beds:	9	6.3%		

Efficiency Calculations

Housing Density (Per Gross Hectare):	N/A
Housing Density (Per Net Hectare):	35.4
Net to Gross Ratio:	N/A
Sq Ft per Net Acre:	16387

Overall Provision		
2Bed	54	12%
3Bed	243	55%
4Bed	125	28%
5bed	23	5%
	445	100%
Cat M4(2)	50	11%

Warning to House Purchasers

Buyers are warned that this is a working drawing and the contents of this drawing may be subject to change during the build process. The layout, form, content, and dimensions specified are included for general guidance only. Finishes or features shown may alter in respect of individual properties. Whilst we make every effort to ensure our drawings are up to date there may from time to time be an unavoidable delay in updating these due to changes in regulations and/or specification. Prospective purchasers should not rely upon these drawings as a statement or representation of fact. The contents of this drawing do not constitute a contract, part of any contract or warranty unless specifically incorporated into the contract. They should not be relied upon for the purposes of entering into a contract to purchase any property.

Revision	Description	Date	Design By
005	Updated DWH layout plots lots 1-5, plots 24-34, 39 garage, plots 68-69, Plots 84-90, Plots 139-143. Updated house types: Knightwood replaced by the Albury (4 bed) Allerthorpe replaced by the Lavenham (4 bed) Limstock replaced by the Cobham (5 Bed) Culver replaced by the Fairburn (5 Bed)	18/12/24	
004	Corrected schedule	03/12/24	
003	Updated to identify M4(2) plots clearly	24/11/24	
002	Fisheries Access Track Amended and boundary treatment to fisheries updated	30/09/24	

Project	Cowm Top
Description	Planning Layout
Designed By: JP	Date: 01.02.24
Scale on A1: 1:1000	Revision: 005
HB544 - BAH -	XX - XX - DR - UD - 203001

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Legend

- A: 1800mm screen Wall with fence panels - * See Boundary Details
- B: 1800mm closed boarded timber fence* See Boundary Details
- Timber Gate
- C: Box Hedging* See Landscaping Plan
- D: 1200mm Bow Top Railings* See Boundary Details
- E: 750mm Picket fence* See Boundary Details
- F: 1200mm Estate Railings* See Boundary Details
- G: 1800mm Acoustic Fence* See Boundary Details
- H: 1800mm Wall with Acoustic Fence Panels* See Boundary Details
- I: 2500mm Acoustic Fence* See Boundary Details
- J: 2500mm Wall with Acoustic Fence Panels* See Boundary Details
- L: 3000mm Wall with Acoustic Fence Panels* See Boundary Details
- M: 3500mm Acoustic Fence* See Boundary Details
- N: 1200 high Stock-Proof fence *See Boundary Treatment Details

Revision	Description	Date	Design By
005	Updated to Planning layout Rev 05	18/12/24	
004	Updated to council comments Removed items on key and adjusted pen settings	03/12/24	
003	Updated to clarify all Boundary Treatments to avoid Confusion	22/11/24	
002	Fisheries Access Track Amended and boundary treatment to fisheries updated	30/09/24	

Project: Cowm Top					
Description: Boundary (Page 1 of 2)					
Design By: CL	Date: 14.03.24	Scale at A0: 1:500	Revision: 005		
Project: H8544 - BAH -	Originator: XX	Function: -	Spatial - Form: XX -	Discipline: DR -	Number: UD - 203250

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Legend

- A: 1800mm screen Wall with fence panels - * See Boundary Details
- B: 1800mm closed boarded timber fence* See Boundary Details
- Timber Gate
- C: Box Hedging* See Landscaping Plan
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- H: 1800mm Wall with Acoustic Fence Panels* See Boundary Details
- I: 2500mm Acoustic Fence* See Boundary Details
- J: 2500mm Wall with Acoustic Fence Panels* See Boundary Details
- L: 3000mm Wall with Acoustic Fence Panels* See Boundary Details
- M: 3500mm Acoustic Fence* See Boundary Details
- N: 1200 high Stock-Proof fence *See Boundary Treatment Details

Revision	Description	Date	Design By
005	Updated to Planning layout Rev 05	18/12/24	
004	Updated to council comments Removed items on key and adjusted pen settings	03/12/24	
003	Updated to clarify all Boundary Treatments to avoid Confusion	22/11/24	
002	Fisheries Access Track Amended / Stock Fence added	30.09.24	

Project: Cowm Top

Description: Boundary (Page 2 of 2)

Design By:	Date:	Scale at A0:	Revision:
JP	01.02.24	1:500	005

Project	Originator	Functional	Spatial - Form	Document
H8544 - BAH -	XX	- XX - DR - UD -		203251

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- Phase1 Roads & Sewers
- Phase2A Roads & Sewers
- Phase2B Roads & Sewers
- Phase3 Roads & Sewers
- Phase4 Roads & Sewers
- Phase5 Roads & Sewers
- Phase6 Roads & Sewers

- Phase1 House Build & Landscaping
- Phase2A House Build & Landscaping
- Phase2B House Build & Landscaping
- Phase3 House Build & Landscaping
- Phase4 House Build & Landscaping
- Phase5 House Build & Landscaping
- Phase6 House Build & Landscaping

- Phase1 Play Areas & Footpaths
- Phase2 Play Areas & Footpaths

Notes:

1. Phasing and delivery plan is preliminary and for information only. Actual phasing and delivery may necessitate minor changes dependent upon remediation, ground conditions, ecological constraints, plots sales and possibly other external constraints.
2. This phasing plan is not fixed to any particular programme for delivery. This phasing plan is intended only to give an indication of build routes and sequences. The phasing shown is relative only to previous or subsequent phases.

Phase4 cannot be commenced until Phase3 Roads have been completed and the overhead electric cable diverted into Phase3 Roads.

Overhead Electric Cables cannot be diverted until phase 3 roads and sewers have been installed.

Phase1 Play Areas and Footpaths to be completed prior to the 250th plot completion

Phase 1 Landscaping to be completed prior to first plot completion (excluding paths and play areas).

Phase2 Play Area to be completed prior to the final plot completion

Ph1 Ph2A Ph2B Ph3 Ph4 Ph5 Ph6

Seated Area

Seated Area for Public Path

Pump1 Pump2

Basin 1 Basin 2 Basin 3

Sub 1 Sub 2

Gas

Neap

TRIM TRAIL AREA

LEANDER DRIVE

Trows Farm

Cowm Top

Existing Overhead Electric Cables

Existing Overhead Electric Cables

A 627(M)

M 62

Revision	Description	Date	Design By
P01	Updated to new planning layout Rev P05.	03.01.25	SPG

Project: Cowm Top, Rochdale

Description: Phasing and Delivery Plan

Design By:	Date:	Scale at A0:	Revision:
SPG	Aug 24	NTS	P01

Project	Originator	Functional	Spatial Form Discipline	Number
H8544 - BAH -		XX	- XX - DR - UD -	201100

BARRATT HOMES

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APPENDIX A

Environmental Policy Statement

Introduction

Our purpose is: '*Making sustainable living a reality, building strong communities'*. This policy outlines the Group's commitment to protect the environment and minimise the adverse environmental impact from our operations. It underpins our Environmental Management System. The policy is communicated to all our employees, is displayed at all work locations and is made available, through our website, to the public. It is also shared with all suppliers

Objectives

The aims of our policy are to:

- Identify and minimise the risks to the environment from the Group's activities.
- Comply with current environmental legislation and act in anticipation of future requirements.
- Set measurable targets to deliver continuous improvement in the management of environmental issues across the Group.

Policy

To achieve these objectives, the Group is committed to seeking to:

- Prevent pollution, reduce waste and to ensure the efficient use of materials, energy and water.
- Use sustainable, reusable or recyclable products in line with our Sustainable Procurement Policy.
- Ensure that all wastes, particularly hazardous or contaminated wastes are tested, transported and disposed of in an environmentally acceptable manner, in accordance with statutory duty of care requirements
- Preserve heritage and minimise noise levels, traffic movements and emission of pollutants, as well as disturbance to wildlife habitats and to public and local ecosystems.
- Review and monitor appropriately its activities and identify issues which could have a significant impact on the environment.
- Minimise risks of environmental incidents through the formulation and adoption of appropriate risk management procedures and, in conjunction with the appropriate authorities, to maintain an emergency response with the capability to deal with accidental pollution.
- Consult with our employees and supply chain to enable the effective implementation of and compliance with the policy.
- Provide the necessary awareness and training to enable staff at all levels to understand and contribute to the implementation of this policy.
- Ensure each development has a robust plan in place for the management of waste, from inception through the duration of its construction.
- Seek to assess the environmental impact of all current and likely future operations and integrate environmental issues into business decisions.

We will implement environmental best practice where possible and will innovate and share industry wide as part of our commitment to being a responsible, leading housebuilder.

This policy is reviewed annually and is approved by the Group Board. It is communicated to key stakeholders and is available on our website.

David Thomas
Chief Executive
22 October 2024

BRS 00
Group Policy, Processes and Procedures Manual



Safety, Health and Environmental (SHE)

Version Control	Date
V10	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction and SHE Director	01.04.2025

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   - *1.2 Scope* *4*
   - *1.3 Objectives* *4*
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1. Introduction and Scope

1.1 Introduction

This document sets out the Group's policies, processes and procedures for Safety, Health and Environmental (SHE).

The SHE Policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> **The SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Group
- An auditable trail of process to enable both the Division and Group to inspect the <<Area>> operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the <<Area>> department are fully conversant with these policies and procedures. The adoption of, compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

1.2 Scope

The scope covers:

- SHE standards to be applied across Barratt Redrow plc.
- All site based operations, protection of the public and Divisional/Group offices.
- SHE control of all suppliers and subcontractors.
- SHE information provided to management companies and external bodies.
- The controls required to satisfy all UK Health, Safety and Environmental legislation and other requirements.
- The minimum levels of SHE training to be provided to all staff.
- The monitoring, auditing and reporting of SHE standards.

Investigation and reporting of accidents, incidents and SHE related complaints.

1.3 Objectives

Health and Safety

The objectives are to:

- Identify and minimise the risk of injury and health hazards of all persons affected by the Group's activities, including our workforce, customers and members of the public.
- Continuously improve standards of health, safety and welfare across the Group.
- Promote the health, safety and welfare of our workforce as an integral responsibility of management and leadership in appropriate working environments.
- Ensure that the legal obligations of the Group and its employees are observed.

Environmental

The objectives are to:

- Identify and minimise the risks to the environment from the Group's activities.
- Comply with current environmental legislation and act in anticipation of future requirements.
- Set targets to deliver continuous improvement in the management of environmental issues across the Group.

Occupational Health

The principal objective is the prevention of ill-health in the workplace through:

- Assisting with the identification and management of health risks.
- Supporting staff who are ill to remain at or return to work, as appropriate.
- Improving work opportunities for those with disabilities.
- Managing work-related aspects of illness.
- The promotion of good health to better equip employees to do their work well and also to make informed lifestyle choices.

1.4 Policy Statements

Health and Safety Policy Statement

In order to achieve the objectives in terms of health and safety, the Group is committed to seeking to:

- Provide a safe and healthy working environment for all its employees and ensuring that work carried out does not adversely affect the health, safety and welfare of others.
- Ensure suitable information, instruction and training are provided to employees in respect of health, safety and welfare.
- Make appropriate advice and resources available to ensure employee awareness of the risks associated with the Group's activities, and the relevant precautions required.
- Put in place suitable arrangements to ensure that the requirements of all Acts, Regulations and Approved Codes of Practice are implemented as appropriate throughout its undertakings and appropriately monitored.
- Require all employees to be aware of their safety responsibilities as detailed in the Group Occupational Safety, Health and Environmental Management System.
- Consult with our employees and supply chain to enable the effective implementation of this policy.
- Ensure that this policy is brought to the attention of all employees and is reviewed regularly.

The Group reminds all employees that we all have a responsibility not only for our own health and safety but that of anyone else affected by our operations and sites.

Environmental Policy Statement

In order to achieve the objectives in terms of environmental controls, the Group is committed to striving to:

- Prevent pollution, reduce waste and to ensure the efficient use of materials and energy and water.
- Use sustainable, reusable or recyclable products in line with our Sustainable Procurement Policy.
- Ensure that all wastes, particularly hazardous or contaminated wastes, are tested, transported and disposed of in an environmentally acceptable manner, in accordance with statutory duty of care requirements.
- Preserve heritage and minimise noise levels, traffic movements and emission of pollutants, as well as disturbance to wildlife habitats and to public and local ecosystems.
- Review and monitor appropriately its activities and identify issues, which could have a significant impact on the environment.
- Minimise the risks of environmental incidents through the formulation of and adoption of appropriate risk management procedures and, in conjunction with the appropriate authorities, to maintain an emergency response capability to deal with accidental pollution.
- Consult with our employees and supply chain to ensure compliance with this policy.
- Provide the necessary awareness and training to enable staff at all levels to understand and contribute to the implementation of this policy.
- Ensure each development has a robust plan in place for the management of waste, from inception through the duration of its construction.
- Seek to assess the environmental impact of all current and future operations and integrate environmental issues into business decisions.

Occupational Health Policy Statement

In order to achieve the objectives in terms of Occupational Health, the Group is committed to striving to:

- Ensure that the potential for ill-health arising from Group's activities is minimised so as far as is reasonably practicable.
- Identifying the health risks arising from the Group's activities so as to enable the implementation of the necessary control measures and as necessary appropriate occupational health interventions, e.g. health surveillance.
- Encourage a culture where managers take an active interest in the health and wellbeing of their staff.
- Ensure the early identification and management of work-related ill-health.
- Enable staff to raise, discuss and resolve individual work-related ill-health issues.

Ensure that staff who are identified as particularly at risk of ill-health from their work or whose health affects their work, are provided with appropriate advice and support.

1.5 Barratt Redrow Standards (BGS)

The Group standards are set out in the Occupational Safety, Health and Environmental Management System (SHE Management System). The SHE Management System is managed by the Group SHE team and the control of update and issue is via the formats detailed in section 8.

The SHE Management System will be reviewed at least every two years or when changes in legislation or other statutory requirements have been introduced.
The following are mandatory procedures, known as Barratt Redrow Standards. The BRSs relate to specific processes or work activities and are mandatory requirements to be implemented in the Group.

2. SHE Policy and Controls

2.1 Table of Policy and Controls

The following table provides details of the SHE Policy and the Controls in place to ensure compliance. Additional hyperlinks are provided to sections within this document and to process flow charts for reference.

! Policy	✓ Controls	△ References
BRS 01 Pre-commencement		
Technical Director is to ensure a Pre-Construction Pack is compiled and issued to all involved in the project.	SHE Form 04 to be completed	BRS 01
Technical Director to ensure notification of project to the Health and Safety Executive is undertaken	HSE Form F10	BRS 01
The Construction Director is responsible for ensuring that a Construction Phase SHE Plan is developed prior to commencement.	SHE Form 05 to be completed and approved for all developments where Barratt are Principal Contractor	BRS 01
The Managing Director is responsible for approving the Construction Phase SHE Plan and Welfare facilities before contractors acting as Principal Contractor are permitted to commence construction works	SHE Form 18 – Approval for external Principal Contractors to commence work SHE Form 75 – Competency of Principal Contractors	BRS 01
BRS 02 Risk Assessment		
All work activities must have a risk assessment that is undertaken.	SHE Form 73 is required to be populated with the details of all risk assessments. Risk assessments should be recorded on SHE Form 54 or SHE Form 15 (high risk activities) for activities undertaken by persons directly employed by the Group.	BRS 02
Contractors Safe Systems at work must be reviewed before commencement of work on site	SHE Form 14 is required and to be completed by a competent member of the site team but must be approved by the senior member of the Site Management team prior to work commencing.	BRS 02

! Policy	✓ Controls	△ References
All workers to be briefed by their Supervisor on the content of the safe system of work	Evidence of briefing must be available for review prior to workers commencing on site. Safe Systems of Work should be reviewed every 12 months by the site management to ensure the controls remain relevant. SHE Form 73 completed to confirm contractor's safe systems of work have been reviewed.	BRS 02
BRS 03 Appointment of Contractors		
The Technical/Commercial Director is responsible for ensuring that an evaluation of the Contractors competency is undertaken i.e. whether they have been approved by an accredited scheme or internally.	The Technical/Commercial Director is responsible for ensuring that an evaluation of the Contractors competency is undertaken, before commencement on site.	BRS 03
On an annual basis a review of the contractor's performance must be performed.	The Contracts Manager is required to review Contractor's performance every 12 months for continuation and future developments. This review must be evidenced and retained by using SHE Form 59.	BRS 03
BRS 04 Consortium Agreement		
Where BDW Trading are Lead Consortium member we are required to develop a Consortium Agreement for the development. Where we are part of a consortium but not the lead member we must contribute to the overall controls on the site	SHE Form 94 (Consortium Agreement) must be developed. Site Management are responsible for ensuring actions from meetings are closed out in agreed time frames. The Contracts Manager is responsible for ensuring regular review (minimum of quarterly) of consortium arrangements with consultation with other members of the consortium.	BRS 04
BRS 05 Accident, Incident, Environmental and Mandatory Occurrence Reporting		
All Health and Safety and environmental related incidents on site must be recorded on Logincident. SHE Form 11 is required to be completed by the Site/Sales/Office Manager	SHE Managers will be allocated to Operating units/Divisions and will receive notifications of any reports submitted on Logincident which relate to their allocated Divisions. The SHE Managers must review all reports submitted and evaluate what additional action must be taken.	BRS 05

! Policy	✓ Controls	△ References
	Where required further investigations and complying a report may be required.	
Where an incident falls into one of the categories defined in the Reporting of Injuries, Diseases and Dangerous Occurrence Regulations, notification must be provided to the Health and Safety Executive or Local Authority (Enforcing authority).	If there is a reportable incident involving a direct employee/labour only worker/individual supplied by an agency or if the Group are deemed 'in control of the premises' the notification to the enforcement authority will be undertaken by the Divisional SHE Manager. If reportable incident involves an injury to an employee of a contractor, the employer they must notify the incident. If they cannot provide evidence that the report has been made or written confirmation that the incident was not reportable, the Divisional SHE Manager will carry out the notification. At the end of each financial year the reportable incidents per Division will be provided to the Divisional Managing Director and Divisional SHE Manager to provide verification that it is an accurate record, as far as they are aware, of the incidents that have occurred. The verification process will be managed by the Group Head of SHE.	BRS 05
Where an incident is deemed Reportable under RIDDOR or the incident is deemed such that an investigation is required, the Divisional SHE Manager (or other appointed member of the SHE team) is responsible for ensuring an investigation and report is completed under the direction of the Group Head of SHE.	Investigation reports should be completed within 4 weeks of the incident occurring. If an extension to this is required it must be approved by the Group Head of SHE. The report will remain private and confidential and only distributed to the Group Head of SHE or the Group Construction and SHE Director. The Group will collate and review Reportable Injury data and will regularly publish its overall Injury Incidence Rate.	BRS 05
Building Safety Occurrences must be reported to the Building Safety Regulator A mandatory occurrence notice and report must be made when a safety occurrence has caused, or is likely to cause:	Where BDW Trading Ltd is deemed Principal Designer and/or Principal Contractor we must submit mandatory occurrence notices and reports, during: • construction of a new higher-risk building • work on an existing higher-risk building, including work that	BRS 05

! Policy	✓ Controls	△ References
• the death of a significant number of people • serious injury of a significant number of people A safety occurrence is an incident involving, or a risk that could cause: • structural failure of the building • the spread of fire or smoke in the building A safety occurrence is something which if not remedied, could cause serious harm to people when the building is in use. A report must be submitted even if the safety occurrence is remedied immediately. The only exception is if we remedy issues to ongoing building work, which are unlikely to risk significant numbers of death or serious injury.	causes it to stop being a higher-risk building • work on an existing building that will make it a higher-risk building A higher-risk building has at least: • 7 storeys or is at least 18 metres high • 2 residential units or is a hospital or a care home Building Safety Occurrences must be reported as soon as possible when an incident occurs or a risk is discovered and a full report is submitted to the Regulator within 10 days of the incident occurring or the risk being discovered. Reports must be agreed with the Group Construction and SHE Director and the Group Head of Legal before being submitted. The report must detail: • the mandatory occurrence notice reference number • the building registration application reference or address if the building is occupied • the building control application reference number if the building is in design or construction and construction work has started • contact details, the name of our organisation and its involvement in the building • the incident or risk being reported and when and how we became aware of it • what happened, or has the potential of happening • who is involved and the effect on them • what has been done and plan to do to keep people safe • any supporting information, such as documents, videos or photos	

! Policy	✓ Controls	△ References
BRS 06 Monitoring, Reporting and Auditing of Safety, Health and Environmental Standards		
The Group will have defined monitoring, reporting and auditing processes in place which comply with the requirements of ISO 45001 and ISO 14001, and provides governance for SHE within the business.	SHE Governance Overall Group performance is reviewed at the SHE Board Committee twice per year and implementation of the continuous improvement strategy is managed by the SHE Operations Committee which is held at least quarterly.	BRS 06
	SHE Monitoring Divisional Safety, Health & Environmental Managers conduct monitoring visits, at least every four weeks, to each development. This comprises: i. Review of documentation i.e. the records to be maintained. ii. Site based activities such as visual inspection of the development. iii. Preparation of a report based on that visit.	BRS 06
	Internal Audits Annual internal audit of the SHE standards across all operational units by the in-house Safety, Health & Environmental team.	BRS 06
	External Audits Each Division is reviewed every three years by external accreditors of the Occupational Safety, Health and Environmental Management System and its application in all operational units against the recognised international standards, listed below. An annual external review will be undertaken at Group level. • ISO 14001 • ISO 45001 Further detail on specific controls for monitoring, reporting and auditing are detailed in the flowcharts contained in BRS 06.	BRS 06

! Policy	✓ Controls	△ References
BRS 07 Development Induction and Safety, Health and Environmental Briefings (SHEBs)		
Depending on the type of personnel that attend sites (Site Management, all site personnel, and visitors), the Site Manager is responsible for ensuring that they are all appropriately inducted in accordance with the procedure.	All site-based inductions are to be recorded on the induction manager platform. The Contracts Manager is responsible for completing a SHE Form 18 monthly, which requires performing a check of 3 randomly selected people to confirm that they have been inducted as per the policy. Documentation behind the induction is all retained electronically on the Induction Manager App.	BRS 07
BRS 08 Manual Handling Operations		
The Line Manager / Site Manager is responsible for ensuring that manual handling assessments are undertaken and control measures are implemented.	SHE Form 79 (Manual Handling Assessment) to be undertaken for all manual handling activities for employees Contractors must undertake their own Manual Handling Assessments and include within their Safe System of Work Documentation	BRS 08
BRS 09 Confined Spaces		
The Site Manager is responsible for ensuring that a method statement/risk assessment is undertaken approved and for issuing a Permit to enter. They are also responsible for issuing a Permit to Enter once approval has been granted.	SHE Form 48 must be completed for work in confined spaces. The Permit issuer is responsible for ensuring that the confined space is monitored and controls are being applied as per the approved safe system of work.	BRS 09
BRS 10 Control of Substances Hazardous to Health (COSHH)		
A COSHH assessment of a substance is required to be undertaken by the Site Manager/Subcontractor, to determine whether a substance can be substituted by one that is less hazardous.	SHE Form 72 completed for all products used by employees. Contractors to provide assessment as part of safe systems of work. Contractors must undertake their own assessments and include within their Safe System of Work Documentation.	BRS 10

! Policy	✓ Controls	△ References
COSHH products and packaging must be disposed of in accordance with the guidance within the data sheet.		
BRS 11 Display Screen Equipment (DSE)		
Line Managers, must ensure that the user undertakes assessments of the workstation every two years, or where a significant change occurs to the workstation or employee. A separate assessment must be completed for each workstation.	SHE Form 23 (DSE Assessment) completed every 2 years for office based workstations. SHE Form 74 completed every 2 years for home workstations. Assessments reviewed by line Managers and actions taken where required. Assessments reviewed annually as part of office inspection/audit.	BRS 11
BRS 12 Content of Health and Safety Files		
Health and Safety Files are required to be completed by the Principal Designer for Freehold Sale, Leasehold Sale and Development for third party projects. Health and Safety Files are required to be passed onto the end user upon completion of the development.	Compliance reviewed via QA forms 30-32 as part of the process of handover of a structure to a management company.	BRS 12
BRS 13 Hand /Arm Vibration (HAV)		
Management is responsible for ensuring an assessment on vibration has been undertaken and the appropriate control measures have been implemented.	The Site Team are required to review subcontractors proposed safe system of work and ensure HAV has been suitably Risk Assessed by completing SHE Form 14. Site management are responsible for ensuring affected personnel are briefed on the control measures detailed within the HAV assessment. A Daily Exposure Log (SHE Form 76 or contractors equivalent) is also required to be completed that includes whether this assessment has been undertaken.	BRS 13

! Policy	✓ Controls	△ References
BRS 14 Mobile Cranes		
The Commercial Director is responsible for ensuring that a competent Contractor/Crane Supplier is appointed to undertake a Contract or Hired Lift and issuing conditions for the supply of mobile cranes. A competent Appointed Person is appointed and responsible for ensuring that a lifting plan is completed.	SHE Form 36 (Conditions for Supply of Mobile Cranes) Lifting plans must be provided and reviewed by site management (SHE Form 38 for Barratt Redorw controlled lifts) Lifting activities must not commence until SHE Form 39 (mobile crane pre commencement) has been satisfactorily completed.	BRS 14
BRS 15 Self Erecting / Pedestrian Operated Tower Cranes		
The Commercial Director is responsible for ensuring that a competent Contractor/Crane Supplier is appointed to undertake a Contract/Hired Lift. A competent Appointed Person is appointed and responsible for ensuring that a lifting plan is completed	Lifting plans must be provided and reviewed by site management (SHE Form 38 for Barratt controlled lifts) Lifting activities must not commence until SHE Form 39 (mobile crane pre commencement) has been satisfactorily completed.	BRS 15
BRS 16 Tower Cranes		
The Technical/Commercial Department are responsible for selecting suppliers based on their competency to provide appropriate plant and service.	SHE Form 37 (Conditions of supply for Tower Cranes)	BRS 16 BRS 14
They are also responsible for executing any licences/ permissions that are required prior to commencing erection of cranes and issue these to an appointed person for review.	Crane bases are reviewed by structural engineers and recorded on SHE Form 35.	BRS 16 BRS 14
Competent Appointed Person to be appointed for all tower cranes and responsible for developing a suitable lift plan.	Lifting Plan developed for tower cranes using SHE Form 40 and monitored by appointed person.	BRS 16 BRS 14

! Policy	✓ Controls	△ References
Appointed Person is to monitor application of the lifting plan at least monthly for all tower cranes erected Competent crane operators and slinger/signallers to be appointed	Erection and dismantling must not commence until SHE Form 39 (mobile crane pre commencement) has been satisfactorily completed.	BRS 16 BRS 14
BRS 17 Supply and Installation of Pre-Cast Concrete Units		
The Technical Department must review the competency of designers/ suppliers of precast concrete units (BRS 03). Commercial team to appoint competent contractors and designers.	Safe systems of work to be provided by contractor which is assessed by site management (SHE Form 14).	BRS 17 BRS 03
BRS 18 Temporary Works Classification and Control		
A pre-commencement Temporary Works Assessment must be completed by the Technical Director for all sites based on specific classifications of temporary works.	SHE Form 95 (Temporary Works Assessment)	BRS 18
A competent Temporary Works Coordinator must be appointed.	RR29 and appointment via SHE Form 98 or other contract documentation	BRS 18
Temporary Works brief to be developed to include data relevant to the design.	SHE Form 97 (Temporary Works Design Brief)	BRS 18
A register of Temporary Works to be developed and maintained by the Divisional Technical Team and provided to the Site team.	SHE Form 43 (Temporary Works Register)	BRS 18
A Safe System of Work must be provided for the work which is reviewed by Site Management.	SHE Form 14 (Safe System of Work Evaluation)	BRS 18

! Policy	✓ Controls	△ References
A permit must be issued prior to loads being applied to the temporary works and also prior to any temporary works being struck	SHE Form 45 (Permit to Load) SHE Form 46 (Permit to Strike) or contractors equivalent	BRS 18
BRS 19 Traffic / Pedestrian Management>		
An assessment of the controls required for pedestrian and traffic management must be undertaken prior to the commencement of a site, which clearly defines the controls that will be put in place.	Assessment is recorded on SHE Form 05.	BRS 19
A traffic/pedestrian management plan must be developed prior to commencement on site.	Plan to be displayed in Site Offices	BRS 19
The traffic/pedestrian plan must be completed independently of the site execution plan.	All those working on site inducted on requirements of the plan at the site induction.	BRS 19
BRS 20 Supervision for Construction / Building Operations>>		
Appropriate levels of Site Management must be maintained on all sites by the Construction Director. A responsible person can be designated for emergency or training cover etc. Contractors Supervision must be available on site and be full time for high risk trades.	Site Management to be detailed in SHE Form 05 The Contracts Manager is responsible for reviewing each requirement at least monthly. SHE Form 87 to be completed if an Appointed Person is to be utilised for emergency cover on site i.e. if the Site Manager is called away for meetings or short-term training (no more than 1 working day) with restrictions as detailed within.	BRS 20 BRS 06
Review of controls applied by high risk contractors to be completed weekly Regular reviews to be held with contractor's supervision	Site Management review supervisor daily and record a full inspection of the site at least every 10 days (SHE Form 29) SHE Form 06 SHE Form 62 (High Rise) or SHE Form 63 (Low Rise)	BRS 20

! Policy	✓ Controls	△ References
BRS 21 Site Welfare Facilities		
Where practicable, all site compounds and facilities must conform to the Group standard layout designs.	Deviation from the Group approved layout is by exception only and due to factors such as increased output from the site. This must be approved by the Regional Managing Director and recorded on QA Form 43.	BRS 21
BRS 22 Young Persons		
An assessment must be undertaken or the work activities of those designated as Young Persons employed by BDW. Contractors must provide an assessment for any young persons they employ.	The line manager for all young persons employed by Barratt Redrow plc, below the age of 18, is required to complete the SHE Form 25. SHE Form 25s are required to be retained on personnel file at the Divisional office. All young persons must attend a site induction and work under agreed supervision. Induction Manager portal highlights up on all young persons marked as under 18 – and where a SHE Form 25 is undertaken.	BRS 22
BRS 23 Sales		
A Sales Office risk assessment must be undertaken prior to being opened to the public. The assessment must review the risk to Sales staff who will be working alone and include control arrangements which are appropriate to the local environment.	The Sales Manager is responsible for completing SHE Form 07 (Sales Office Risk Assessment) and for undertaking a review of the SHE Form 07 assessment every six months or following significant alterations or modifications to the Sales Office. A record of assessments must be maintained within the Sales SHE file and the controls identified reviewed with appropriate staff.	BRS 23
BRS 24 – Customer Care		
All work undertaken by Customer Care teams must be risk assessed and the customer care technicians briefed on the controls detailed.	RA 06 and SHE Form 21	BRS 24

! Policy	✓ Controls	△ References
All work undertaken by contractors must be subject to an appropriate risk assessment or method statement depending on the risk associated with the work All work where the CDM Regulations apply will be subject to a Construction Phase Plan being put in place	SHE Form 14	BRS 24
Communications must be maintained with Customer Care Technicians and a lone working policy applied where required. All Customer Care teams using company vehicles / private vehicles must comply with the requirements of the Company Car Policy and Procedures.	Communication must be maintained on a daily basis by ringing in and out after each job or at agreed intervals during the day.	BRS 24
BRS 25 Group and Divisional Offices		
The management of SHE in the Group Office is the responsibility of the designated Office Manager. The Management of SHE in the Divisional office is the responsibility of the Managing Director's appointed representative (Office Manager), e.g. Divisional Finance Manager/Director.	A Fire Assessment and Plan to be completed for all offices – SHE Form 200 and 201 Fire Evacuations tested at least annually – SHE Form 26. Fire Marshals and First Aiders appointed All working in offices to be inducted and this recorded on SHE Form 208. The Office Manager conducts a quarterly SHE Inspections (SHE Form 85a) Inspections of the Group and Divisional Office are undertaken annually (SHE Form 85) by the SHE Manager/Office Manager	BRS 25
BRS 26 Safety, Health and Environmental Aspects and Impacts Register		
A register of the environmental impacts of the Group and legislation affecting its operation, to be maintained.	Assessment undertaken every 2 years and managed by the Group Head of SHE.	BRS 26

! Policy	✓ Controls	△ References
BRS 27 Trees, Plants and Animals		
A land feasibility review is required to be undertaken by the Land Director, which forms a part of the SHE information pack. The protection required for trees, plants and animals during construction must be detailed in the Construction Phase Safety, Health & Environmental Plan, which is required to be developed by the Contracts Manager.	Controls are to be detailed in the SHE Form 05 (Construction Phase SHE Plan). A weekly inspection is required to be undertaken by the Site Manager (SHE Form 29) to assess compliance to the trees, plants and animals procedure. A monthly inspection is also undertaken by the Contracts Manager (SHE Form 18).	BRS 27
BRS 28 Environmental Protection		
A Surface Water Management Plan must be developed and detailed in the Construction Phase Safety, Health and Environmental Plan. This must detail all measures in plan to protect all receptors, both permanent and temporary during (and post) construction. All site dewatering activities must be either under and Environmental Discharge consent (issued by the relevant Enforcement Agency) or a BDW Permit, which is issued by the Site Manager. Oil must be stored in either an integrally bunded tank with an integral secondary containment that can hold a minimum of 110%. The chemical products to be utilised on site must be detailed in the Construction Phase Safety, Health & Environmental Plan and their storage and use reviewed via an appropriate assessment. All chemical products must be stored in a	Discharge Consents must be obtained from the relevant enforcement agency for all dewatering activities that require treatment. Records of all dewatering actives must be maintained. A permit for dewatering activities must be issued by a BDW Site manager before any dewatering activity commences. The chemical products to be utilised on site must be detailed in the Construction Phase Safety, Health & Environmental Plan and their storage and use reviewed via an appropriate assessment. The location of the spill kit must be clearly identified on the Traffic Management Plan and the controls for spills detailed in the Construction Phase Safety, Health & Environmental Plan. An assessment of the controls required for any Sustainable Drainage System (SuDS) must be undertaken. Training for employees must be in accordance with the Group SHE Training Matrix.	BRS 28

! Policy	✓ Controls	△ References
lockable container to prevent authorised discharge and use.		
BRS 29 Waste Management		
A review of all opportunities for waste minimisation via the Group procurement process must be undertaken for all suppliers and each challenged to reduce waste through the construction process. All waste disposal companies used must be permitted or licensed by the EA and SEPA respectively. In England and Wales they will be covered by an Environmental Permit or an Exemption and in Scotland they will be covered by a WML or an Exemption.	All sites must have appropriate colour coded signage for each waste stream. Tipper skips to be labelled with appropriate waste stickers to ensure segregation at source. Segregation / compound area to have appropriate signage to ensure the area is clearly visible. All sites to ensure contractors adhere to the Segregation at source instruction utilising tipper skips/bins to eliminate cross contamination of waste streams. Divisional Construction Director/Manager and Commercial Director to meet with the Waste Management Provider to discuss and improve waste management. To the frequency laid out in point 5.9 Site Manager must perform periodic reviews to ensure that waste from site is being handled correctly and transferred to the final point of disposal or recovery as detailed on the SWMP and as per waste transfer note/Consignment note.	BRS 29
BRS 30 Electrical Safety		
Prior to any electrical supply being commissioned, it must be tested. The person undertaking the test must a competent “tester”. A competent tester must be qualified to a minimum of City & Guilds 2377 for Portable Appliance Testing (PAT) and 2391 for fixed installations.	Prior to the compound electrical supply being used a completed periodic inspection report for an electrical installation must be completed and handed over to the Site Manager. Work in substations and on distribution boards must be undertaken under the control of an electrical permit system SHE Form 65. Where this is internal work, this must be controlled by a permit to work. If this work is undertaken externally i.e. a utility contractor then their own permit system is acceptable.	BRS 30

! Policy	✓ Controls	△ References
BRS 31 Crisis Management Response Plan		
Crisis management plan to be implemented for incidents/accidents is defined within the procedure and agreed with the Chief Operating officer, RMD or Group Construction and SHE Director.	Plan to be implemented and a full record maintained. The controls for ensuring compliance with this procedure are outlined in BRS 06.	BRS 31
BRS 32 Fire and Emergency Arrangements		
Policy for management of fire risk on construction sites are detailed in BRS 32, which are all mandatory where applicable.	An Off-Site Fire Risk Assessment must be undertaken for timber frame sites An On-Site Fire Risk Assessment must be completed prior to a Site Fire Plan being completed on all developments A Site Specific Fire plan is to be developed prior to commencing construction activity on all developments The Fire Plan must be reviewed at 3 monthly intervals by the Contracts / Projects Manager. Fire Drills must be completed every 3 months on Timber Frame and high rise Developments. All low rise Developments must have fire drills at least every 6 months.	BRS 32
BRS 33 Asbestos		
Any organisation(s) employed by the Company must demonstrate they are technically competent to undertaken surveys for Asbestos Containing Materials (ACMs) through accreditation to ISO/IEC 17020 UKAS Any contractors employed to undertake the work must produce a detailed plan of work and assessment of exposure prior to commencing work. The intention to remove the material must be notified to the Enforcing authority by the contractor at	Site Management should obtain safe systems of work information from licenced contractors and review via SHE Form 14. The relevant SHE Manager for the development should review all plans of work submitted by licensed contractors. The SHE Manager is responsible for ensuring that organisations employed are vetted appropriately i.e. are competent and accredited.	BRS 33

! Policy	✓ Controls	△ References
least 14 days prior to work commencing.		
BRS 34 Plant and Work Equipment		
All plant and Work equipment must be periodically inspected and recorded. All ride-on plant must be inspected by the Contractors Supervisor prior to being used on site to ensure it meets minimum standards including all around visibility and seat belt being worn (Green) and operating (Amber) indicators. All telehandlers utilised on site must comply with the tele handler specification SHE Form 68.	All plant arriving onto site must be reviewed and assessed to ensure minimum standards are met – SHE Form 55. Lifting plan to be developed for telehandlers using SHE Form 28. All plant operators must be competent and hold relevant certificates for the plant being operated. Contractors to confirm plant is safe and statutory inspection are completed – SHE Form 06	BRS 34
BRS 35 Work at Height / Prevention of Falls		
All work at height must be undertaken in such a manner that operatives are protected from falling by means of a physical restraint as defined in the hierarchy of control. The control measures must be detailed in the Risk Assessment/Method Statement for the work.	Risk Assessments/method statements are assessed via SHE Form 14. Scaffolding and tower scaffolding must be inspected before use, following adverse weather or modification and at intervals not exceeding 7 days, SHE Form 49. Working Platforms / Edge Protection must be inspected in accordance with the table detailed in the procedure.	BRS 35
BRS 36 Safe System of Work		
All work activities must have an assessment undertaken. The responsibility for reviewing the risk assessment or method statement is the responsibility of Site Management.	Site Management are responsible for reviewing the Safe Systems of Work if changes to the process or altered or not exceeding a period of 12 months via the completion of SHE Form 73. All persons working under the control of the Safe System of Work are required to have been briefed on its content, with a record of the briefing also being in place.	BRS 36

! Policy	✓ Controls	△ References
BRS 37 Safety Guidelines for Outdoor Play Equipment and Public Open Spaces		
The Technical Director is responsible for ensuring that a competent playground installation company is employed to install any play equipment. The Technical Director is also responsible for ensuring that all play areas are independently checked post installation and prior to opening by either RoSPA or an Individual or company on the Register of Play Inspectors International (RPII).	Inspection frequencies must be as manufacturer's instructions, however in all cases the following must be in place by the Technical Director until the area is handed over to a third party: • Operational Inspections at least every 2 months; and • Full Certified Inspection every 12 months. The following records must be maintained of the following for each location which remains under the control of the Company: • Certificates for the installation and any tests or compliance with standards, a copy of these must be held on site in the Construction Phase Safety Health and Environmental Plan • Post Installation Inspection record • Inspection and maintenance instructions • Operating instructions from any supplier • Inspection and maintenance records • Design and tender documentation • Records of any incidents or accidents	BRS 37
BRS 38 Excavating / Driving Piles / Digging		
Prior to any work involving the breaking of the ground a survey must be undertaken using a cable avoidance tool (CAT) by a suitably trained person Work must be controlled by a Permit to dig / excavate / drive piles and a copy of the service drawing for the dig area must be available for review in the excavator, or be held by the operatives in the work area.	Statutory inspections /Examinations of excavations must be made by competent personnel and a record maintained by the subcontractor, which must be available on site. SHE Form 50 can be used if required.	BRS 38

! Policy	✓ Controls	△ References
BRS 40 Hoists, Mast Climbers and Temporary Suspended Access Equipment		
SHE Form 05 needs completing that confirms the formal appointment must be made by the Barratt Redrow Contracts Manager and Projects Director and this appointment should be made in writing. The Temporary Works Coordinator will in conjunction with the project team ensure a design brief is prepared for each element of temporary works that is identified via SHE Form 97. A method statement review must be completed in order to ensure that suitable control measures have been considered via SHE Form 14.	Method Statement Briefings - Hoist operators must receive a RA 07 Hoist Operators risk assessment/method statement briefing prior to commencing work on site. At the beginning of each shift or working day, the hoist or mast-climber must be checked by the operator to ensure that it is in a fit condition. Operators must keep a record of the checks undertaken, which must be provided to Barratt Redrow site management at least weekly. Operators must only access areas of the hoist and mast climbers that are provided with adequate fall protection. Maintenance Work Sheets - Following any work undertaken on the construction hoist, mast-climber or suspended cradles, a record of the work completed must be provided to Barratt Redrow Site Management and/or the statutory register on site completed to confirm the crane is safe to use. Weekly Inspections - A maintenance/ service programme must be agreed prior to the hoist, mast climber or suspended cradle being put into service that enables the equipment to be inspected by the supplier on a weekly basis. Record of maintenance must be provided the Barratt Redrow Site Manager on completion of the work in order to confirm the plant is safe to use. Monthly Independent Through Inspections - Hoists and mast climbers must be thoroughly examined prior to being put in service on site and every six months thereafter.	BRS 40

! Policy	✓ Controls	△ References
BRS 41 Development Security and Signage		
The specific controls for the prevention of unauthorised access to the development must be assessed and detailed in the Construction Phase Safety, Health and Environmental Plan. As part of the assessment, consideration must be given to what levels of security are needed.	SHE Form 05. A weekly inspection of the perimeter fencing must be undertaken.	BRS 41
BRS 42 Overhead Services		
Identification of overhead power lines, either within the site perimeter or anticipated interface at the perimeter Assessment undertaken in accordance with HSE Guidance note GS6.	Controls for prevention of contact with services put in place and monitored by site management. SHE Form 05.	BRS 42
BRS 43 Management, Installation and Inspection of Fire Stopping and Cavity Barriers		
Installation of fire stopping and cavity barriers are to be controlled in accordance with procedure.	QA forms to be completed to demonstrate compliance depending on type of build being undertaken. All inspections and reports submitted to the homebuilder portal are tracked on a compliance tracker. This must be reviewed regularly and included in the Divisional Board pack.	BRS 43
BRS 44 Management of Timber Frame Structures		
All timber frame structures erected on site must be undertaken in accordance with the requirements detailed in BRS 44 An assessment of the controls required for management of timber frame structures must be undertaken prior to the commencement of a site, which clearly defines the controls that will be put in place.	The management of timber frame structures on site must be detailed in the Construction Phase Safety, Health & Environmental Plan and their storage, installation reviewed via an appropriate assessment. The Management of timber frame structures must be reviewed in accordance with the STA Guidance – 16 Steps to Safety and timber frame supplier information.	<<Reference with hyperlink>>

! Policy	✓ Controls	△ References
	Task Specific Safe Systems of Work must be developed and communicated to timber frame erectors Site Management Teams must be briefed on the Off / On Site Fire Risk Assessments, Safe Systems of Work prior to commencement of the erection of timber frame structures Timber Frame Suppliers must employ trained site supervisor who provide a weekly site inspection report which is reflective of site conditions. Timber Frame Supplier must conduct monthly H&S Inspections provided by H&S Professional, a copy of the report must be issued to the Site Management Team	

3. Monitoring and Compliance

Monitoring, reporting and auditing of SHE standards is contained within Group Redrow BRS 06, and a summary of which is set out below.

- Overall Group performance is reviewed at the SHE Board Committee twice per year and implementation of the continuous improvement strategy is managed by the SHE Operations Committee which is held at least quarterly.

- Divisional Safety, Health & Environmental Managers conduct monitoring visits, at least every four weeks, to each development site. This comprises:

  - Review of documentation i.e. the records to be maintained.
  - Site based activities such as visual inspection of the development.
  - Preparation of a report based on that visit.

- Annual internal audit of the SHE standards across all operational units by the in-house Safety, Health & Environmental team.

- Review every three years by external accreditors of the Occupational Safety, Health and Environmental Management System and its application in all operational units against the recognised international standards, listed below. An annual external review will be undertaken at Group level.
  - o ISO 14001
  - o ISO 45001

4. Relevant Regulation(s)/Legislation

Health and Safety

Health and Safety at Work etc Act
Corporate Manslaughter and Corporate Homicide Act
Management of Health and Safety at Work Regulations
Provision and Use of Work Equipment Regulations
Manual Handling Operations Regulations
Construction (Design & Management) Regulations
Work at Height Regulations
Control of Vibration at Work Regulations
Regulatory Reform (Fire Safety) Order
Fire (Scotland) Act
Control of Noise at Work Regulations
Control of Substances Hazardous to Health Regulations
Control of Lead at Work Regulations
Control of Asbestos at Work Regulations
Confined Spaces Regulations
Lifting Operations and Lifting Equipment Regulations
Health and Safety at Work (Offences) Act
Reporting of Injury, Diseases & Dangerous Occurrences Regulations
First Aid at Work Regulations
Electricity at Work Regulations
Personal Protective Equipment at Work Regulations
Health and Safety (Display Screen Equipment) Regulations

Gas Safety (Installation & Use) Regulations
Health and Safety (Consultation with Employees) Regulations
Health and Safety (Fees) Regulations
Workplace (Health, Safety and Welfare) Regulations
Health and Safety (Safety Signs and Signals) Regulations
Health and Safety (Information for Employees) Regulations
Building Safety Act
The Building Safety Act 2022 (Commencement No. 1, Transitional and Saving Provisions) Regulations
The Building Safety Act 2022 (Commencement No. 2) Regulations
The Building Safety Act 2022 (Commencement No. 3 and Transitional Provision) Regulations
The Building Safety Act 2022 (Commencement No. 4 and Transitional Provisions) Regulations
The Building Safety Act 2022 (Commencement No. 5 and Transitional Provisions) Regulations
The Building Act 1984 (Commencement No. 3)(England) Order
The Building Regulations etc. (Amendment) (England) Regulations
The Building (Approved Inspectors etc. and Review of Decisions) (England) Regulations
Building Safety (Consequential Amendments etc) Regulations
The Building (Restricted Activities and Functions) (England) Regulations
The Building Safety (Regulator's Charges) Regulations
Higher Risk Buildings (Description and Supplementary Provisions Regulations
Building Safety (Registration of Higher Risk Buildings and Review of Decisions) (England) Regulations
The Building (Higher Risk Building Procedures) Regulations
The Building (Public Bodies and Higher-Risk Building Work) (England) Regulations
The Higher Risk Buildings (Key Building Information etc)(England) Regulations
The Higher- Risk Buildings (Management of Safety Risks etc) (England) Regulations
The Building Safety (Description of Higher-Risk Building) (Design and Construction Phase) (Wales) Regulations
The Architects (Fees, Electronic Communications and Miscellaneous Amendments) Regulations
The Building Safety Act 2022 (Consequential Amendments and Prescribed Functions) and Architects Acts 1997 (Amendment) Regulations
The Architects Act 1997 (Amendment) Regulations
The Construction Products (Amendment) Regulations
The Building Safety (Leaseholder Protections) (England) Regulations
The Building Safety (Leaseholder Protections) (Information etc) (England) Regulations
The Building Safety (Leaseholder Protections etc. (England) (Amendment) Regulations
The Building Safety (Responsible Actors Scheme and Prohibitions) Regulations

Environmental

Carbon Reduction Commitment (CRC) Energy Efficiency Scheme
Clean Air Act
Climate Control Act
Climate Control (Scotland) Act
Conservation (Natural Habitats) (Amendment) (Scotland) Regulations
Conservation of Habitats and Species Regulations
Contaminated Land (England) Regulations
Contaminated Land (Scotland) Regulations
Contaminated Land (Wales) Regulations
Control of Asbestos Regulations
Control of Noise (Code of Practice for Construction and Open Sites) Order
Control of Pollution (Amendment) Act
Control of Pollution (Oil Storage) (England) Regulations
Controlled Waste (England and Wales) Regulations

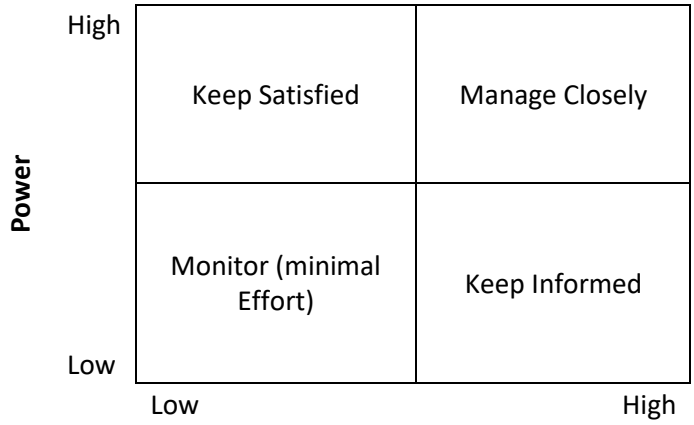
Controlled Waste Regulations
Environment Act
Environment (Wales) Act
Environmental Permitting (England and Wales) Regulations
Environmental Permitting (England and Wales) Regulations
Environmental Protection (Duty of Care) (Scotland) Regulations
Environmental Protection Act
Environmental Protection Act
Finance Act
Groundwater (England & Wales) Regulations
Hazardous Waste (England & Wales) Regulations
Hazardous Waste (Wales) Regulations
Hedgerows Regulations
Highways Act
Land Drainage Act
Landfill Tax (Qualifying Materials) Order
Landfill (Scotland) Regulations
List of Wastes (England) Regulations
List of Wastes (Wales) Regulations
Natural Environment and Rural Communities Act (NERC)
Natural Conservation (Scotland) Act
Protection of Badgers Act
The Hazardous Waste (Wales) Regulations
Town and Country Planning Act
Waste (England and Wales) Regulations
Waste (Scotland) Regulations
Waste Electrical and Electronic Equipment Regulations
Waste Information (Scotland) Regulations
Waste Management Licensing (Scotland) Regulations
Waste Separation Requirements (Wales) Regulations
Water Act
Water Environment (Controlled Activities) (Scotland) Regulations
Water Environment (Oil Storage) (Scotland) Regulations
Water Environment and Water Services (Scotland) Act
Water Resources Act
Wildlife and Countryside Act
Wildlife and Natural Environment (Scotland) Act
Scottish Landfill Tax (Qualifying Materials) Order
Town and Country Planning (Environmental Impact Assessment) Regulations

5. Interested Parties

Determining who our interested parties are enables us to:

- Defining the scope of the management system.
- Ensuring customer satisfaction.
- Meeting our compliance obligations.
- Continually improve the organisation and our management system.
- Meeting the requirements of ISO 14001 and ISO 45001.

In order to rank the identified interested parties we have used the following assessment criteria, based on the parties' influence (power) and also interest in the organisation. This has then been captured in the following table.



Interested parties:	Examples	Need and Expectations	How to capture key issues:	Ranking
Employees and contractors		Shared culture, attitudes and job security	Employee meetings, consultation and feedback	Keep satisfied
Employee worker representatives		Representation and cooperation	Consultation and feedback on employment and safety issues	Keep informed
Executive Committee		Compliance and reporting	Information and Updates provided through SHE Quarterly Committee and SHE Board meetings	Manage closely
Customers		Competitive pricing, reliability and value	Client/customer reviews and relationship management/customer feedback	Manage closely
Suppliers		Beneficial supplier-client relationships	Supplier reviews and relationship management	Keep informed
Regulators	Health and Safety Executive (HSE); Environment Agency (EA); Scottish Environment Permitting Agency (SEPA)	Compliance and reporting	Engagement with the regulators at both Divisional and Group level	Manage closely

Investors and Shareholders		Profitability and strategies for growth	Consultation and engagement exercises to identify concerns	Manage closely
Neighbours and communities		Social responsibility and engagement	Consultation and engagement exercises to identify environmental, health and safety concerns	Keep informed
Local Authorities and Government		Consultation and information	Engagement with planning and development issues	Manage closely
Other Organisations	House Building Federation (HBF)	Consultation and information	Engagement and participate in committees	Keep informed
Land Owners		Beneficial Landowner-client relationships	Land owner reviews and relationship management	Keep satisfied
Insurers		Compliance and reporting		Keep informed
Utility Companies	Regional Water and Electricity companies	Site Information	Meetings, provision of information regarding specific events	Monitor
Third Party Assurance	BAB, Considerate Contractor, NHBC	Compliance and reporting	Participate in assurance, respond to feedback.	Keep informed
Landlord		Consultation and information	Engagement with landlords through periodic review	Keep informed

6. Management Review

Performing effective management review is important as it enables us to review the performance of our SHE management system, and its continuing suitability, adequacy and effectiveness.

The following table shows how the business undertakes its SHE management review, and meets the requirements of the ISO 45001 and ISO 14001 Standards. There is not one “management review meeting” as such, instead these elements are reviewed by senior management at a number of different committees. All are formally minuted and next steps tracked.

The scope of the management review covers all of Barratt Redrow and Group Companies, i.e. this includes Gladman, BD Living and Oregon.

ISO Requirement	Detail	Where	Frequency
Review of Health and Safety and Environmental Polices	Reviewed as part of the annual review of the effectiveness of the SHE Documentation (Policies, BRS and SHE Forms) Reported on at the Operational SHE Committee	Operational SHE Committee	Annual
SHE Objectives and Targets	Objectives are agreed and monitored at the SHE Board Committee.	SHE Board Meeting	Annual
SHE Risks and Opportunities	SHE Brick SHE Risk Register Environmental Aspects and Impacts Register		

New or forthcoming SHE Legislation	As and when	Operational SHE Committee	Quarterly
Communication from Interested Parties	In particular communication from: Regulators and Government agencies on SHE Matters. Plus any other relevant communication	Operational SHE Committee	Quarterly
Divisional SHE Performance	This is reviewed at Divisional and Board meetings. The review will include: Incidents, non-conformities, monitoring and measurements, results of internal and external audits,	Divisional SHE meetings Divisional Board Meetings	Quarterly Monthly
Group SHE Performance	The review will include: Incidents, non-conformities, monitoring and measurements, results of internal and external audits,	Quarterly SHE Committee SHE Board Meeting	Quarterly Annual
Consultation of workers	Including results from annual Staff Survey Bi-annual Safety Climate Survey SHE Committee Attendance Safe Call Safety Culture Alerts	Operational SHE Committee	Quarterly
Adequacy of SHE Resources	SHE Structure	Operational SHE Committee	Quarterly
Opportunities for Continual Improvement	Through regular papers submitted	Operational SHE Committee SHE Board Meeting	Quarterly Annual

7. Key Contacts and Responsibilities

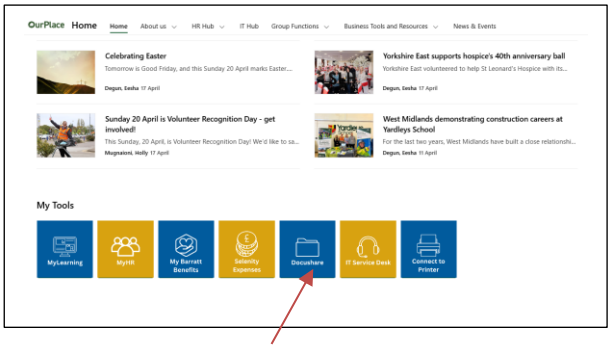
Area of responsibility	Name	Job Title	Contact Phone / Email
Policy Owner / Sponsor	Steven Boyes	Chief Operating Officer	steven.boyes@barrattredrow.co.uk
Approval of Policy Amendments	Steven Boyes	Chief Operating Officer	steven.boyes@barrattredrow.co.uk
Policy Author / Lead / Champion	Vince Coyle	Group Construction and SHE Director	01604 664500 vince.coyle@barrattredrow.co.uk
Breach Reporting	Vince Coyle	Group Construction and SHE Director	01604 664500 vince.coyle@barratredrow.co.uk
General Policy Queries	Claire Simmonds	Group Head of SHE	01604 664500 claire.simmonds@barrattredrow.co.uk

8. Safety, Health and Environmental Information

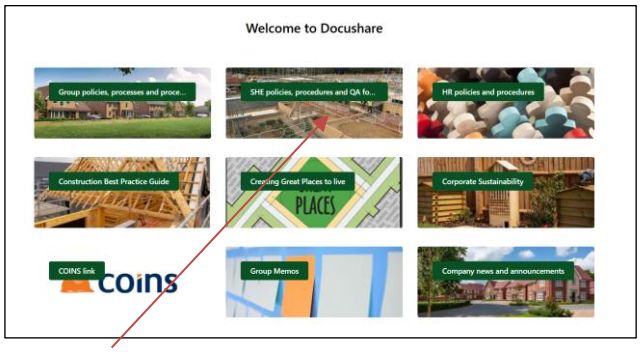
The Group Standards are set out in the Occupational Safety, Health and Environmental Management System which is available in electronic format, as detailed below:

8.1 Docushare (Desktops)

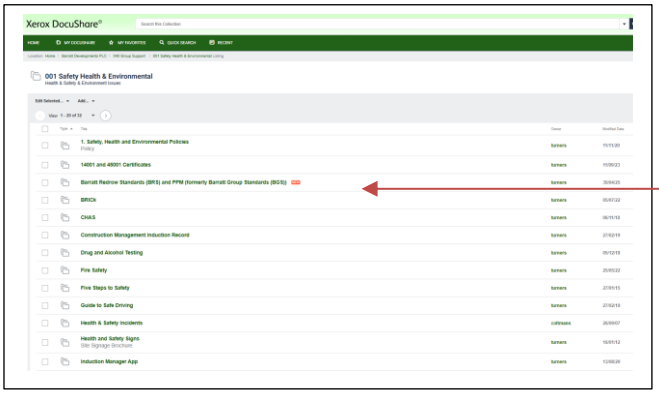
The SHE Management System is available on the company document management system called Docushare.



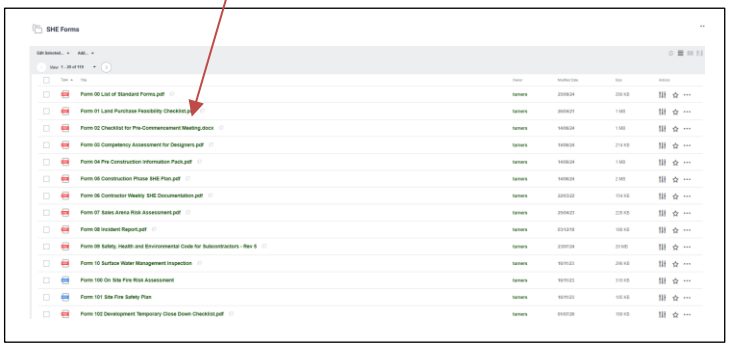
Click on the Docushare icon



Click on SHE Policies and Procedures



A number of folders. If, for example, you require a Standard Form, click on the folder and all the approved forms will be available. Some are in editable PDF which can updated and then saved.

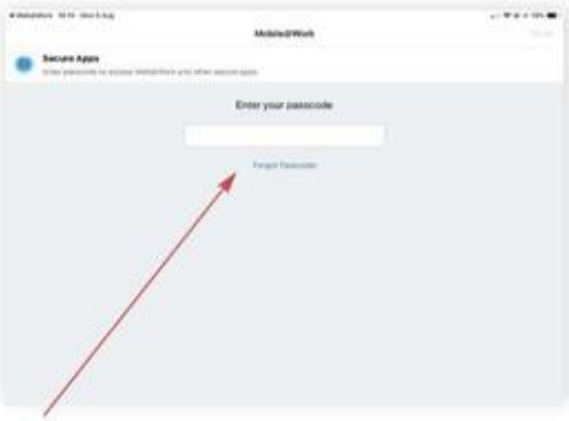


8.2 Docushare (iPads)

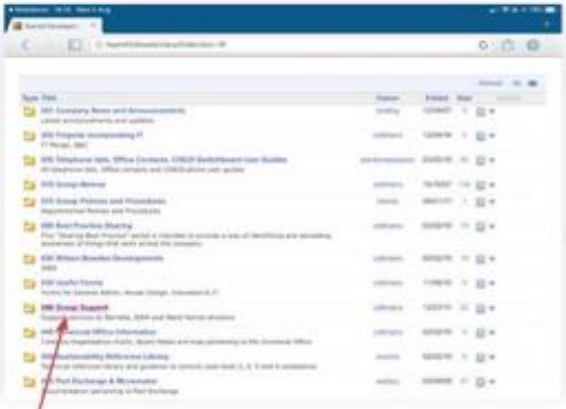
The SHE Management System is available via Docushare on the iPads



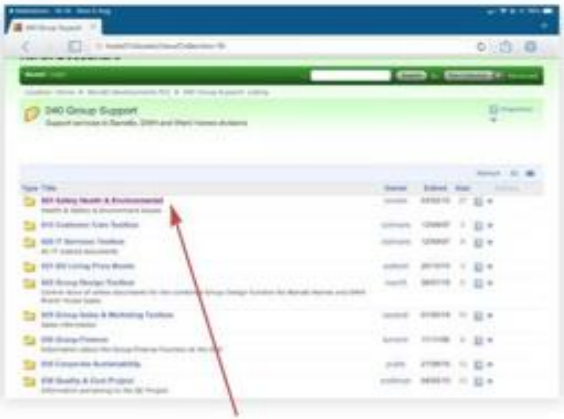
Click on Xerox icon for Docushare



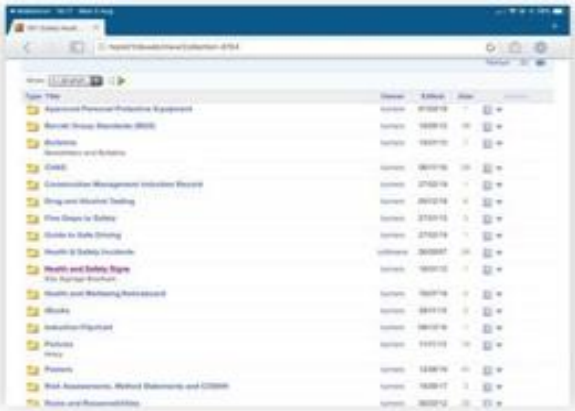
Enter your security passcode



Click on 040 Group Support



Click on 001 Safety, Health & Environmental



A number of folders with SHE information are available. If, for example, you require a Standard Form, click on the folder and all the approved forms will be available. Some are in editable PDF which can updated and then saved.

BRS	Title	Version	Issue Date
00	Group Safety, Health and Environmental (SHE) Policies and Procedures	V10	Apr 2025
01	Pre-Commencement	V3.1	Apr 2025
02	Risk Assessment	V2.2	Apr 2025
03	Appointment of Contractors	V2.2	Apr 2025
04	Consortium Agreement	V1.2	Apr 2025
05	Accident, Incident Reporting, Environmental and Mandatory Occurrence Reporting	V3.2	Apr 2025
06	Monitoring, Reporting and Auditing of Safety, Health and Environmental Standards	V3.2	Apr 2025
07	Development Induction and Safety, Health and Environmental Briefings (SHEBs)	V3.1	Apr 2025
08	Manual Handling Operations	V1.2	Apr 2025
09	Confined Spaces	V1.2	Apr 2025
10	Control of Substances Hazardous to Health (COSHH)	V1.2	Apr 2025
11	Display Screen Equipment (DSE)	V1.2	Apr 2025
12	Content of Health and Safety Files	V1.2	Apr 2025
13	Hand / Arm Vibration (HAV)	V1.2	Apr 2025
14	Mobile Cranes	V3.1	Apr 2025
15	Self-Erecting / Pedestrian Operated Tower Cranes	V1.2	Apr 2025
16	Tower Cranes	V1.2	Apr 2025
17	Supply and Installation of Pre-Cast Concrete Units	V1.2	Apr 2025
18	Temporary Works Classification and Control	V2.2	Apr 2025
19	Traffic / Pedestrian Management	V3.1	Apr 2025
20	Supervision for Construction / Building Operations	V4.1	Apr 2025
21	Site Welfare Facilities	V4.1	Apr 2025
22	Young Persons	V1.2	Apr 2025
23	Sales	V3.2	Apr 2025
24	Customer Care	V2.1	Apr 2025
25	Group and Divisional Offices	V3.2	Apr 2025

BRS	Title	Version	Issue Date
26	Safety, Health and Environmental Aspects and Impacts Register	V2.2	Apr 2025
27	Trees, Plants and Animals	V1.2	Apr 2025
28	Environmental Protection	V1.1	Apr 2025
29	Waste Management	V3.2	Apr 2025
30	Electrical Safety	V1.2	Apr 2025
31	Crisis Management Response Plan	V2.1	Apr 2025
31A	Removed from system		
32	Fire and Emergency Arrangements	V4.1	Apr 2025
33	Asbestos	V1.2	Apr 2025
34	Plant and Work Equipment	V3.1	Apr 2025
35	Work at Height / Prevention of Falls	V3.2	Apr 2025
36	Safe System of Work	V1.2	Apr 2025
37	Safety Guidelines for Outdoor Play Equipment and Public Open Spaces	V1.2	Apr 2025
38	Excavating / Driving Piles / Digging	V1.2	Apr 2025
39	Removed from system		
40	Hoists, Mast Climbers and Temporary Suspended Access Equipment (TSAE)	V1.2	Apr 2025
41	Development Security and Signage	V2.2	Apr 2025
42	Overhead Services	V1.2	Apr 2025
43	Management, Installation and Inspection of Fire Stopping and Cavity Barriers	V1.4	Apr 2025
44	Management of Timber Frame Structures	V1.1	Apr 2025

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

01 PRE-COMMENCEMENT



Version Control	Date
V3.1	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction and SHE Director	01.04.2025

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2. SHE Policy and Controls 5

3. Additional Mandatory Controls for Pre-Commencement of a Development 7

1. Introduction and Scope

1.1 *Introduction*

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document located on DocuShare.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **!** **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> ✓ **The Primary SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> △ **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 *Scope of the SHE Barratt Redrow Standards that must be followed*

This document covers:

- Pre-commencement.

2. SHE Policy and Controls

The SHE Policy states:

- Technical Director is to ensure a Pre-Construction Pack is compiled and issued to all involved in the project.
- Technical Director to ensure notification of project to the Health and Safety Executive is undertaken
- The Construction Director is responsible for ensuring that a Construction Phase SHE Plan is developed prior to commencement.
- The Managing Director is responsible for approving the Construction Phase SHE Plan and Welfare facilities before contractors acting as Principal Contractor are permitted to commence construction works

The Primary SHE Controls are:

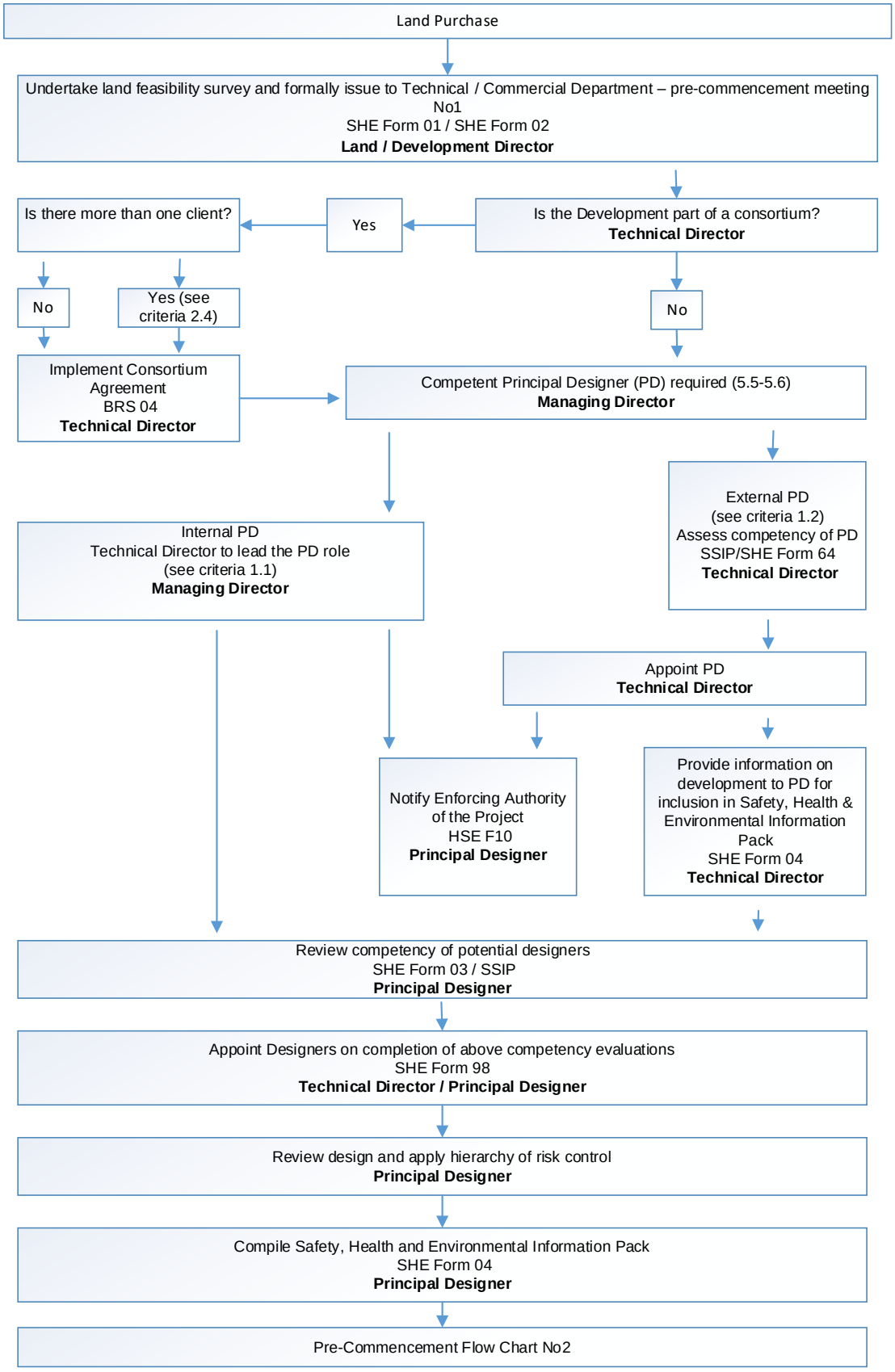
- SHE Form 04 to be completed
- HSE Form F10
- SHE Form 05 to be completed and approved for all developments where Barratt are Principal Contractor
- SHE Form 18 – Approval for external Principal Contractors to commence work
- SHE Form 75 – Competency of Principal Contractors

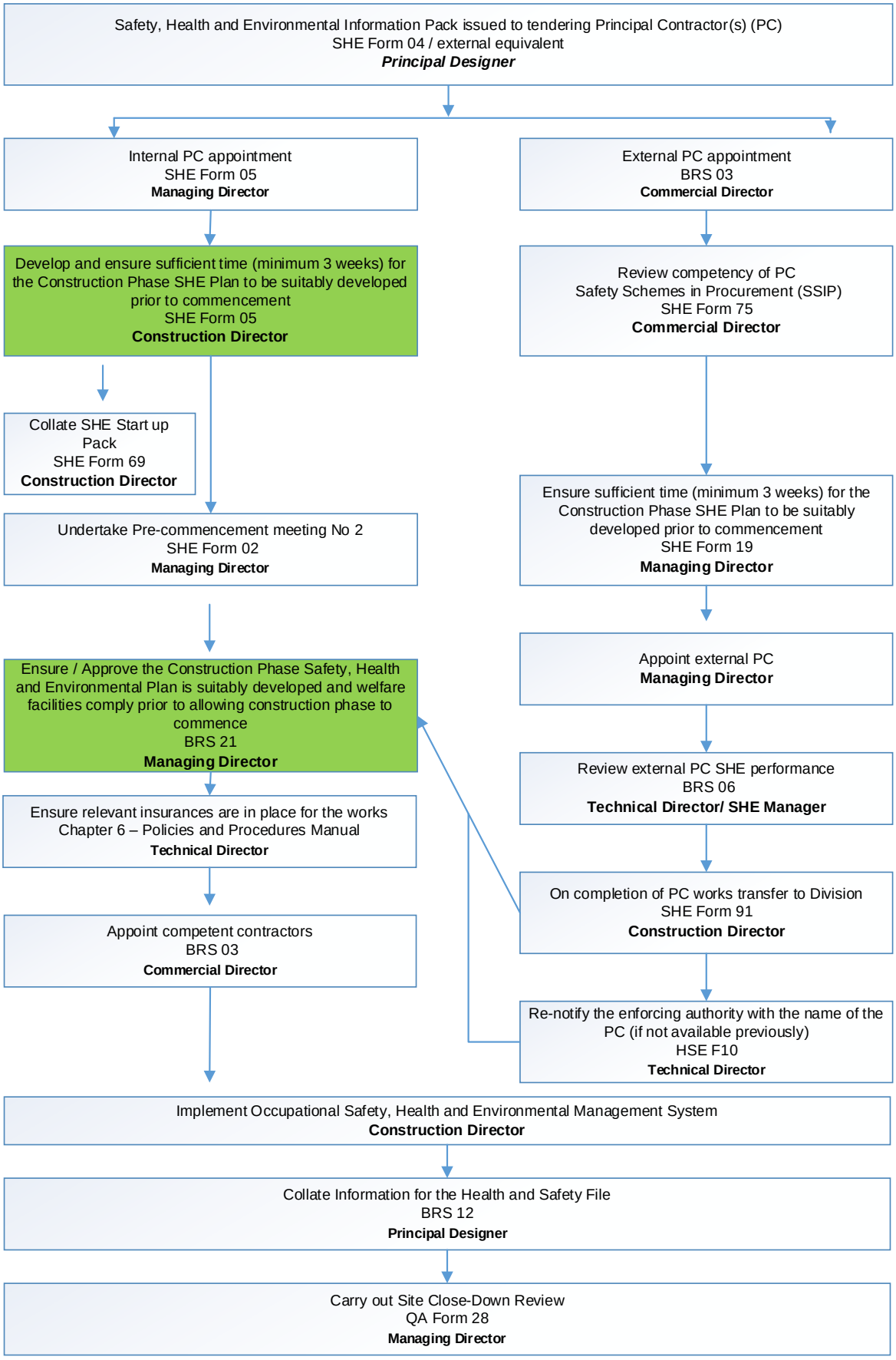
The SHE Relationship states:

BRS 04 Consortium Agreement
BRS 06 Monitoring, Reporting and Auditing of SHE Standards
BRS 18 Temporary Works Classification and Control
BRS 19 Traffic/Pedestrian Management
BRS 20 Supervision of Construction/Building Operations
BRS 21 Site Welfare Facilities
BRS 28 Environmental Protection
BRS 32 Fire and Emergency Arrangements
BRS 41 Development Security and Signage
SHE Form 01 Land Purchase Feasibility Checklist
SHE Form 02 Checklist for Pre-Commencement
SHE Form 03 Competency Assessment for Designers
SHE Form 04 Pre-Construction Safety, Health and Environmental Information Pack
SHE Form 05 Construction Phase Safety, Health and Environmental Plan
SHE Form 10 Surface Water Management Inspection
SHE Form 10a Surface Water Management Inspection Close Out
SHE Form 14 Method Statement Evaluation
SHE Form 15 Method Statement Proforma
SHE Form 19 Evaluation of Principal Contractor Construction Phase Plan
SHE Form 28 Lifting Plan for Telehandlers
SHE Form 29 Safety, Health and Environmental Site Tour
SHE Form 35 Site Execution Plan Quarterly Review
SHE Form 38 Mobile Crane Lifting Plan
SHE Form 43 Temporary Works Register
SHE Form 45 Permit to Load/Use
SHE Form 46 Permit to Strike

SHE Form 48 Confined Spaces Permit to Enter
SHE Form 54 Risk Assessment
SHE Form 56 Noise Assessment Record
SHE Form 60 Site Signing in Record
SHE Form 61 Concrete Cube Register
SHE Form 64 Competency of Principal Designers
SHE Form 65 Permit to Work Electrical
SHE Form 69 Provision of SHE Documentation
SHE Form 72 COSHH Assessment
SHE Form 75 Competency of Principal Contractors
SHE Form 76 Hand Arm Vibration Record
SHE Form 86 Sustainable Drainage Risk Assessment
SHE Form 91 Site Handover from External Principal Contractor
SHE Form 92 Permit to Discharge into Watercourse
SHE Form 93 Record of Water Sampling
SHE Form 94 Consortium Safety, Health and Environmental Agreement
SHE Form 97 Temporary Works Design Brief Information
SHE Form 98 Appointment of Temporary Works Coordinator
QA 28 Site Close Down Meeting

3. Additional Mandatory Controls for Pre-Commencement of a Development




Safety, Health and Environmental Information Pack issued to tendering Principal Contractor(s) (PC)
SHE Form 04 / external equivalent
Principal Designer
Internal PC appointment
SHE Form 05
Managing Director
External PC appointment
BRS 03
Commercial Director
Develop and ensure sufficient time (minimum 3 weeks) for the Construction Phase SHE Plan to be suitably developed prior to commencement
SHE Form 05
Construction Director
Review competency of PC
Safety Schemes in Procurement (SSIP)
SHE Form 75
Commercial Director
Collate SHE Start up Pack
SHE Form 69
Construction Director
Undertake Pre-commencement meeting No 2
SHE Form 02
Managing Director
Ensure sufficient time (minimum 3 weeks) for the Construction Phase SHE Plan to be suitably developed prior to commencement
SHE Form 19
Managing Director
Appoint external PC
Managing Director
Ensure / Approve the Construction Phase Safety, Health and Environmental Plan is suitably developed and welfare facilities comply prior to allowing construction phase to commence
BRS 21
Managing Director
Review external PC SHE performance
BRS 06
Technical Director/ SHE Manager
Ensure relevant insurances are in place for the works
Chapter 6 – Policies and Procedures Manual
Technical Director
On completion of PC works transfer to Division
SHE Form 91
Construction Director
Appoint competent contractors
BRS 03
Commercial Director
Re-notify the enforcing authority with the name of the PC (if not available previously)
HSE F10
Technical Director
Implement Occupational Safety, Health and Environmental Management System
Construction Director
Collate Information for the Health and Safety File
BRS 12
Principal Designer
Carry out Site Close-Down Review
QA Form 28
Managing Director

1.0	**Principal Designer (PD)**		
	The Principal Designer must be appointed as soon as working drawings are commissioned and must be the first formal appointment made for the pre-construction phase of a development.		Managing Director/ Technical Director
1.1	**Internal appointment**		
	Where the PD role is to be undertaken by the Division, this must only be on: • Developments up to and including 4 storeys high • Standard house type schemes		Managing Director
	In addition, the PD role can be undertaken on developments other than those listed above where the Division can demonstrate that there is sufficient competency available to discharge the role. This will need to be reviewed, in conjunction with the SHE Manager, and will not be standard procedure.		Managing Director
	In this case a Principal Designer must be appointed from within the Division.	Email	Managing Director
	Principal Designers must attend an approved training course that enables a clear understanding of the role. In addition, they must have sufficient knowledge and experience of the design process and be able to coordinate aspects of construction design. Training must be in accordance with the SHE Training Matrix.		Managing Director
	The PD role must be undertaken by a team of individuals to enable all aspects of health and safety to be considered.		Managing Director
	It is the PD's responsibility to ensure the duties associated with the role are discharged including compiling the Pre-Construction SHE Information Pack, coordinate the activities of designers, notify the project to the enforcement authority and prepare the health and safety file(s).	SHE Form 04	Technical Director/ Principal Designer
	Appointment of PD by the Division can be confirmed via the notification form to the enforcing authority.	HSE F10	Managing Director

1.2	**External Principal Designer (PD)**		
	External PD must be appointed for all complex projects and apartment developments (structures 5 storeys and above).		Managing Director
	Where external PDs are appointed, the competency of the organisation must be accredited via one of the Safety Schemes in Procurement (SSIP) annually. They must also be assessed via SHE Form 64.	SSIP SHE Form 03 SHE Form 64	Commercial Director
	A formal appointment of the PD must be undertaken, outlining the scope of service to be provided.	Commercial Procedures	Commercial Director
	All relevant SHE information known about the development must be forwarded to the PD for inclusion in the Pre-Construction SHE Information Pack.	SHE Form 01	Technical Director
	In all cases, the Division, as Client for the development, must appoint the PD and this must be a separate appointment to that of the PC, even if the contractual conditions are design and build.	HSE F10	Technical Director
2.0	**Notification of the Project**		
2.1	The PD of the Division must ensure that the project is appropriately notified to the enforcing authority and declare that the Division is Client for the development where the following applies: • Construction work is scheduled to last longer than 30 working days and have more than 20 workers on site at any point • Construction work is scheduled to exceed 500 person days Any date on which construction work is undertaken must be counted, even if the work on that day is short duration. This includes holidays and weekends.	HSE F10	Technical Director
2.2	Notification of the project must be undertaken as soon as the PD is appointed. This must be undertaken even if the PC has not been appointed.	HSE F10	Technical Director
2.3	Re-notification of the project must be undertaken when the appointment of a PC has been made, and if the start/end date notified moves by a month or more.		Technical Director

2.4	If there is more than one designated Client (Consortium developments), an agreement must be made in writing between the Clients.	BRS 04/ SHE Form 94	Technical Director
2.5	If a Division is fulfilling any of the roles detailed in the CDM Regulations, the name notified must be Barratt Redrow Plc (Name of Division).		Technical Director
2.6	The F10 form can be completed electronically at https://www.hse.gov.uk/forms/notification/f10.htm. The form will be sent to the email of the person identified and a record be maintained in the Division. The form will need to be provided to the Construction team for display on site.		Technical Director
2.7	The Timber Frame Supplier is to register the site with the National Fire Chiefs Council (NFCC).	BRS 32	Timber Frame Supplier
3.0	**Appointment of external Principal Contractors**		
3.1	Pre-construction archaeological investigations are not subject to the CDM Regulations when undertaken as a stand-alone element prior to the construction phase of a project. This does not initiate the construction phase of the project. Archaeological investigations or activities that are undertaken during the construction phase of a project will be governed by the requirements of CDM – but archaeologists and their activities will be contractors. In this case, a competent Principal Contractor must be appointed.	Commercial Procedures	Commercial Director
3.2	Appointed PC must be assessed for competency prior to contracts being placed. They must satisfy the criteria for a registered Safety Schemes in Procurement (SSIP), and competency assessed for the project via SHE Form 75	SSIP SHE Form 75	Managing Director
3.3	If the PC is appointed on a design and build form of contract, the Division must satisfy themselves that the organisation is competent to discharge the designer's duties or have employed a designer(s) who fulfils the competency criteria.	SHE Form 03	Technical Director
3.4	Appointment must be formal and be confirmed by issue of contract documentation or letter of intent.		Commercial Director
3.5	All PCs appointed are responsible for the management of SHE for the construction phase of the development and have systems and procedures, which are monitored by a designated competent person (either employed or consultant).		Technical Director

	The results of any monitoring must be provided to the Division.		
3.6	A review of the PC's performance must be undertaken, which will include a review of monitoring of SHE standards on site, and Construction Phase Safety, Health and Environmental Plan.	BRS 06	Technical Director / SHE Manager
3.7	There must only be one PC for a project at any one time. However, if there are two truly independent, unrelated packages of work (i.e. a demolition element or s278 works, which is truly independent of the remaining development), which do not rely upon one-another for their viability or completion then these can be procured as separate contracts and procedures applied accordingly. These projects must be truly independent with separate welfare facilities (where possible) and clearly defined site boundaries. Our Site Management team's competence to manage and monitor works must be considered, and as such PC responsibility must be reviewed with the SHE Operations Manager when considering if a Division can be designated as PC for these works.		Managing Director/SHE Operations Manager
3.8	In the appointment of an external PC for any work, the Division must ensure that a suitable Construction Phase Safety, Health and Environmental Plan is in place and welfare facilities are appropriate prior to allowing construction work to commence. This applies to any defect works, and the content of the plan must be proportionate to the work to be undertaken.	SHE Form 19	Managing Director
3.9	On completion of the external PC works/transfer of the PC role to the Division (Barratt Redrow Plc), a review of transfer arrangements must be undertaken between the external PC and the Divisional management at least **10 working days** prior to the intended transfer of responsibility. All outstanding actions must be closed out before a revised F10 notification is submitted to the HSE.	SHE Form 91	Construction/ Technical Director
4.0	**Appointments - Designers and their duties**		
4.1	A suitable and sufficient Construction Phase Safety, Health and Environmental plan must be in place, which is provided in the standard folder and is signed off by the Managing Director before any work commences.	SHE Form 05	Managing Director/Construction Director

	This will include a fully developed Site Execution Plan, which is agreed with all Divisional Directors and is reviewed at least every three months.		
4.2	Suitable welfare provision must be in place prior to any work commencing on site. Site Offices/Welfare Facilities and Compounds (Low Rise Developments) where practicable, all site compounds and facilities must conform to the Group standard layout designs. Deviation from the Group approved layout is by exception only and due to factors, such as increased output from the site. This must be approved by the Regional Managing Director. In all cases, the following minimum criteria will apply.	BRS 21	Managing Director
4.3	The development must be appropriately resourced with competent site management to plan, monitor and coordinate the construction phase. The competent person must meet the specified training requirements and have the appropriate knowledge and experience to monitor and coordinate the activities on site.	BRS 20	Construction Director
5.0	**Appointment of Designers/Consultants and their duties**		
5.1	The competency of all external Designers or consultants appointed to undertake roles on the development must be evaluated via one of the Safety Schemes in Procurement (SSIP) annually and via SHE Form 03, which must be undertaken every two years.	SSIP/SHE Form 03	Technical/ Commercial Director
5.2	Appointment of Designers must be made in writing in the form of a contract or letter of intent.		Principal Designer
5.3	Designers must provide information on residual risk, which must be specific to the development. Information must relate to hazards/risks that a competent contractor would find unusual or likely to be difficult to manage. Information must also consider future maintenance of the structures.		Technical Director/ Principal Designer/ Designers
5.4	Hazard information must be provided using clear notes on drawings. Alternatively, reference must be made to other development specific documents where the information can be found.	BRS 18 SHE Form 98	Technical Director
5.5	**Monitoring site progress/Risk Management – all developments**		

	CDM Principal Designer (CDM-PD) The CDM-PD (Divisional Technical Director or an appointed external consultant) role under *Construction Design and Management (CDM) regulations 2015 is defined as:* The main duty remains that when preparing or modifying designs that Designers must eliminate, reduce or control foreseeable risks that may arise during: • Construction; and • The maintenance and use of a building once it is built The CDM-PD must cooperate and liaise with the Principal Contractor (Divisional Site Management or an appointed Contractor) throughout the project duration.		Technical Director or External Appointment
5.6	**Building Regulations Principal Designer (BR-PD)** The BR-PD's role is to plan, manage and monitor all design work during the design stage of a project to ensure that the design is compliant with the Building Regulations. The BR-PD must be appointed prior to any other design consultant or subcontractor with design input, as a requirement of the role is to ensure any external appointment is competent to fulfil their role and as such a Competence Declaration Letter must be completed for BR-PD, and any other designers and contractors. The BR-PD must provide a Building Regulation Compliance Statement (QA 64) The BR-PD duties do not extend to responsibility for the building work. The Principal Contractor is responsible for ensuring that the building work is completed in accordance with the approved design. Each contractor is also responsible for ensuring that the work the undertake complies with the relevant regulatory requirements (under CDM and the Building Regulations	BRS 03/QA 64	Technical Director or External Appointment
5.7	**Temporary Works Co-Ordinators**		
5.8	A competent Temporary Works Coordinator must be appointed.	SHE Form 97	Technical Director

5.9	Contractors may appoint their own qualified TWC, however, overall responsibility remains with the Principal Contractor.	SHE Form 43	Technical Director
5.10	Temporary Works brief to be developed to include data relevant to the design.	BRS 28 SHE Form 03	Technical Director
5.11	A Temporary Works Register shall be developed for all Medium (Class 2) and High (Class 3) classifications for temporary work scenarios.	SHE Form 43	Technical Director
5.12	**Environment Consultant**		
5.13	A Specialist Consultant shall be appointed where a site is known to have sensitive receptors, such as watercourses either within or proximity to site boundaries.		Managing Director/ Departmental Heads
5.14	The frequency of visits undertaken by specialist consultants will depend upon the surface water management risk on site and this frequency shall be referenced in the Site Surface Water Management Plan. Frequency of visits may fluctuate from monthly, quarterly and bi-annual visits, pending on the risk level deemed by the Technical Dept and the SHE Dept.		
5.15	**Fire Engineer**		
5.16	The requirements for the appointment of a Fire Engineer and assessment of fire controls on a specific Build Category of development are listed in Appendix 1. A list of approved Fire Engineers with specialisms in Timber Frame, can be provided by the Group Fire Engineer in the Group SHE Department	BRS 32 – Appendix 1	Managing Director
5.17	For specific appointments of Temporary Works Designers please refer to BRS 18.	BRS 18	Technical Director
5.18	For specific appointments of Fire Safety Engineers please refer to BRS 32.	BRS 32	Managing Director
6.0	**Land Feasibility Survey**		
6.1	The land feasibility survey must be completed as part of the process for final purchase of a site. It is designed to highlight SHE hazards / risks that could affect the purchase, and to highlight hazards / risks that must be evaluated as part of planning process and construction phase.	SHE Form 01	Land/Operations Director

7.0	**Pre-Start Meeting(s)**		
7.1	Two pre-start meetings must be undertaken to ensure all relevant information is available and notifications are in place prior to commencement of a development.	SHE Form 02 Appendix A	Managing Director
8.0	**Site Execution Plan (SEP)**		
8.1	A detailed Site Execution Plan must be in place prior to a site commencing. The SEP shall be displayed in a flip chart format, with a page for each phase/layer of build, requiring each phase/zone of build to be signed off during the construction phase of the development. This process is described in Appendix B and an example is shown in Appendix C and a checklist is provided in Appendix D.	Appendix A, B, C and D	Managing Director
8.2	The assessment of site security control measures, the sequence of build routes and occupation programme (including controlled access/egress to the site) must be detailed (dates when plots are due to be occupied) on the Site Execution Plan to ensure there is a safe buffer and minimal interaction between construction works and occupied areas. The plan must also identify when permanent roads/sewers will be completed, where haulage roads are required to complete the works, and the location of welfare facilities. The Site Execution Plan must be supplemented by the Site Traffic/Pedestrian Management Plan. This must reduce plant interaction with the workforce and customers. Where this cannot be avoided, adjacent to occupied plots, safe access and segregation must be provided for occupied areas. The plan must be agreed and signed off by the Divisional Management team prior to the development commencing.	BRS 19,32 & 41 SHE Form 05	Contracts Manager / SHE Manager Managing Director
8.3	For timber frame sites an execution plan, as described in Appendix A, must be provided to the nominated timber frame supplier (and or Fire Engineer) in both PDF and DWG format once signed off by the Divisional Directors. This execution plan must be provided to the relevant party a minimum of 16 weeks prior to the first timber frame delivery.		Technical Director
8.4	The plan must be reviewed at least quarterly on every development.	SHE Form 35	Contracts Manager SHE Manager

8.5	Any significant changes in the route of build, sales or occupation strategy, the plan must be reviewed/revised and agreed by the Divisional Management.		
9.0	**Sustainable Drainage System (SuDS)**		
9.1	An assessment of the controls required for any Sustainable Drainage System (SuDS) must be undertaken and reviewed annually. The assessment must be in the format approved by the Barratt Redrow PLC but can be undertaken by the scheme designers as part of their management system, if the content / detail is at least equivalent to that detailed in SHE Form. The control measures to prevent injury or otherwise from the scheme must be detailed.	SHE Form 86	Technical Director
9.2	A review of the assessment and the implementation of the control measures during the construction of the development must be undertaken monthly.	SHE Form 10/10a	Technical Director
9.3	On completion of the development the SuDS attenuation/balancing ponds must be reviewed by a third-party water safety specialist such as ROSPA to ensure all appropriate control measures are in place.		Technical Director
10.0	**Review of Water Containment on Site**		
10.1	A review of the controls in place to prevent contamination of any watercourse must be undertaken monthly on all sites.	SHE Form 10/10a	Technical Director
10.2	A Surface Water Management Plan (SWMP) shall be developed which will assess control measures for preventing Silt Run Off and Preventing Water Contamination 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. • The implementation of Emergency Measures/Arrangements	SWMP	Technical Director Technical Director
10.3	Additionally, the plan will identify the requirements to ensure that any implemented measures are adequate and effective, through monitoring, water sample collection or other means	BRS 38	Technical Director

11.0	**Homes For Nature**		
11.1	Barratt Redrow are signatories to the Future Homes Hub – Homes for Nature. Wildlife features for the development must be identified in the Ecology Survey section in the Pre-Construction Safety, Health and Environmental Pack.	SHE Form 04	Technical Director
11.2	Upon the detail of schemes being agreed, this information must be relayed to Section 8 of the SHE Form 05 for monitoring against the proposed installations	SHE Form 05 SHE Form 29	Contracts Manager Site Manager
12.0	**Site Start-up Park**		
12.1	A site start-up pack must be collated for all new developments by the respective Division and stocks maintained. The pack must be available on site prior to work commencing.	SHE Form 69	Construction Director
13.0	**Site Safety Health and Environmental Records**		
13.1	SHE Forms, which are completed via the e-forms platform, are stored electronically on the Homebuilder Portal. Hard copies of the following must be maintained on site.		
	• Construction Phase SHE Plan • Safe System of Work Evaluation • Existing Services Location Drawings • Construction / Sales Meetings • Noise Assessment Records • Site Visitors Record • Concrete Cube Register • Hand Arm Vibration Records • Fire Extinguisher Annual Service Certification • Electrical Test Inspection Certification – Welfare 12 Monthly • Electrical Test Inspection Certification – Silos 6 Monthly • Electrical Test Inspection – Portable Tools 12 Monthly • Considerate Constructors Reports • Permit to Load/Use • Permit to Strike	SHE Form 05 SHE Form 14 SHE Form 56 SHE Form 60* SHE Form 61 SHE Form 76 External Report External Report External Report External Report External Report SHE Form 45 SHE Form 46	

	• Permit to Enter Confined Spaces • Electrical Permit • Working Platform Handover Record • Plant Service Records • Lifting Plan for Telehandler • Mobile Cranes - Lifting Plan • Method Statements Pro-forma • Generic Risk Assessment • Bespoke Risk Assessment • COSHH Risk Assessment • Asbestos Monitoring Certificates/Report • Water Sampling Records • Permit to Discharge • SUDS Risk Assessment ***Can be used for recording signing in and out of developments if there's an issue with the QR code process.**	SHE Form 48 SHE Form 65 External Report External Report SHE Form 28 SHE Form 38 SHE Form 15 SHE Form 54 SHE Form 54 SHE Form 72 External Report SHE Form 93 SHE Form 92 SHE Form 86	
13.2	Electronic SHE Forms will be archived after a period of six years. All documents highlighted above need to be stored as per the Group policy.		Construction/Project Director
13.3	All other forms/documentation can be shredded/disposed of when the development has been completed.		Construction/Project Director
14.0	**Development Close Down Review**		
14.1	A Site Closure Meeting must be held on site approximately 3 months prior to scheduled completion of the last plot. This meeting is to identify and schedule any outstanding adoptable works.	QA Form 28	Managing Director

Appendix A

KEY

- Showhomes & Sales Garage
- Build Route
- Compound
- Phase 1 PC Roads & Sewers (Start 4th April 2022, Comp 31st Aug 2022)
- Spoil
- Phase 2 Roads & Sewers (Start 8th Aug 2022 - TBC) Mains Laying to Follow on
- Principal Footpath
- Close Boarded Fence
- Heras Fence Site Security
- Proposed Signage
- Outfall Protection Barrier
- Block Paving
- Newline Link Road

SUDSBASIN TO BE INSTALLED AS PART OF PHASE 1 ROAD AND SEWERS - PHASE ONE SURFACE WATER OUTFALL

Attenuation Basin

CONSTRUCTION & SALES INFO/ SIGNAGE

CONSTRUCTION SIGNAGE

Sales

New Entry Compound

Workings (dis)

Ecological Mitigation Area (SSSI)

Wildflower/ Natural Grassland Planting (SSSI)

Public Open Space

Public Open Space & Play Area

MAIN AVENUE

RESIDENTIAL ST

MEWS

SHARED SURFACE

Landscape Buffer

Existing Hedge Ht 2.5m

Existing Hedge Ht 4m

Existing Hedge Ht 8m

Existing Post & Wire Fence 1.2m High

Existing Post & Wire Fence 1.2m High

Existing Post & Wire Fence 1.2m High

Existing hedge line along boundary to be assessed. Please refer to Landscape Proposals.

Access

MP 12.0

STONEBRIDGE LANE

SAVILLE

THE HAWTHORNS

SOOKHOLME DRIVE

BLACKBERRY WAY

OLK CLOSE

DIRECTOR APPROVAL

This drawing must be reviewed and approved by the following management.

.....Date.....
Managing Director

.....Date.....
Technical Director

.....Date.....
Sales Director

.....Date.....
Construction Director

.....Date.....
Commercial Director

.....Date.....
Finance Director

.....Date.....
Development Director

.....Date.....
Planning Director

WARNING TO PURCHASERS. Property Misdescriptions Act 1991

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Site layout including parking arrangements, [social/ affordable housing, community buildings, play areas and public open spaces] may change to reflect changes in the planning permission for the development. Please speak to your solicitor to whom full details of any planning consents including layout plans will be available.

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Rev	Description	Initial	Date
-	Based on Planning Layout Rev Q	JSL	27.04.22

Layer 1 - Roads & Sewers

Stonebridge Lane, Market Warsop

BARRATT HOMES

DAVID WILSON HOMES WHERE QUALITY LIVES

Drwg No.	H8064/16L1	Rev	-
Scale	NTS (A0)	Date	26.04.22
Drawn by	JL	Checked by	Tech

NORTH MIDLANDS
Design & Technical Department
2 Horizon Place - Nottingham Business Park
NOTTINGHAM NG8 6PY

KEY

- Showhomes & Sales Garage
- Build Route
- Compound
- Brick Compound
- Contractors Car Park
- Drive Upgrade to Link Road
- Haul Road
- DWH Storage
- Phase 1 PC Roads & Sewers (Start 4th April 2022, Comp 31st Aug 2022)
- Spoil
- Phase 2 Roads & Sewers (Start 8th Aug 2022 - TBC) Mains Laying to Follow on
- Stages of plots in build surrounding the area (Foundation Jan & Super structure April)
- Principal Footpath
- Terror stop, Head Wall & Road gully protection
- Silo
- Close Boarded Fence
- BOAT (By way for any traffic)
- Heras Fence Site Security
- First Foundations
- Extent of Landscaping (March 2023)
- Proposed Signage
- Newline Link Road
- Outfall Protection Barrier
- Block Paving
- Compound Path

SUDSBASIN TO BE INSTALLED AS PART OF PHASE 1 ROAD AND SEWERS - PHASE ONE SURFACE WATER OUTFALL

Attenuation Basin

CONSTRUCTION & SALES INFO/ SIGNAGE

MAIN AVENUE

RESIDENTIAL ST

Sales

Brick Storage

New Link Compound

CONSTRUCTION SIGNAGE

Ecological Mitigation Area (SSSI)

DWH Compound A

Public Open Space

Public Open Space & Play Area

Brick & Block Storage

Brick & Block Storage - Phase 1

Temporary Parking

Garage Compound

SHARED SURFACE

MEWS

Landscape Buffer

Existing Hedge Ht 2.5m

Existing Hedge Ht 3m

Existing Post & Wire Fence 1.2m High

Existing Post & Mesh Fence 1.2m High

Access

Wildflower/ Natural Grassland Planting (SSSI)

MP 12.0

ARGYLE CLOSE

NORFOLK CLOSE

STONEBRIDGE LANE

THE HAWTHORNS

SOOKHOLME DRIVE

DIRECTOR APPROVAL

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.....Date.....
Managing Director

.....Date.....
Technical Director

.....Date.....
Sales Director

.....Date.....
Construction Director

.....Date.....
Commercial Director

.....Date.....
Finance Director

.....Date.....
Development Director

.....Date.....
Planning Director

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Rev	Description	Initial	Date
-	Based on Planning Layout Rev Q	JSL	27.04.22

Layer 2 - First Road Completion

Stonebridge Lane, Market Warsop

BARRATT HOMES | DAVID WILSON HOMES WHERE QUALITY LIVES

Drwg No.	H8064/16L2	Rev	-
Scale	NTS (A0)	Date	26.04.22
Drawn by	JL	Checked by	Tech

NORTH MIDLANDS
Design & Technical Department
2 Horizon Place - Nottingham Business Park
NOTTINGHAM NG8 6PY

A

BARRATT AND DWH SALES AREA GARAGE AND SHOW PLOTS (PLOTS 161,162 & ASSOCIATED GARAGES)

1. Sales Garage Foundation
2. Form Hardstanding to Base & Mains Laying
3. Show Home Foundations

KEY

- Showhomes & Sales Garage
- Phase 1 PC Roads & Sewers (Start 4th April 2022, Comp 31st Aug 2022)
- Phase 2 Roads & Sewers (Start 8th Aug 2022 - TBC) Mains Laying to Follow on
- Stages of plots in build surrounding the area (Foundation Jan & Super structure April)
- Principal Pedestrian Walkway
- Close Boarded Fence
- Heras Fence Site Security
- Proposed Signage
- Principal Footpath
- Phase 3 Roads & Sewers (Start Dec 2022 - 16 Weeks)
- Block Paving

B

One Contractor to Build Showhomes to Superstructure

1. Barratt Sales Garage at Roof
2. DWH Sales Garage at Roof

Build Stages Of Plots Around Sales Arena		
DESCRIPTION	ID	ALL EXTERNALS COMPLETED
Finish Foundations	1	
Start Brickwork	2	
Superstructure Complete	3	
Roof Complete	4	
1st Fix Complete	5	
Finish Plaster	6	
Finish 2nd Fix	7	
Finish Paint	8	
Completed	9	

C

One Contractor to Build Showhomes to Superstructure

1. Barratt Showhomes at Roof
2. DWH Showhomes at Roof

DIRECTOR APPROVAL

This drawing must be reviewed and approved by the following management.

.....Date.....
Managing Director

.....Date.....
Technical Director

.....Date.....
Sales Director

.....Date.....
Construction Director

.....Date.....
Commercial Director

.....Date.....
Finance Director

.....Date.....
Development Director

.....Date.....
Planning Director

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Rev	Description	Initial	Date
-	Based on Planning Layout Rev Q	JSL	27.04.22

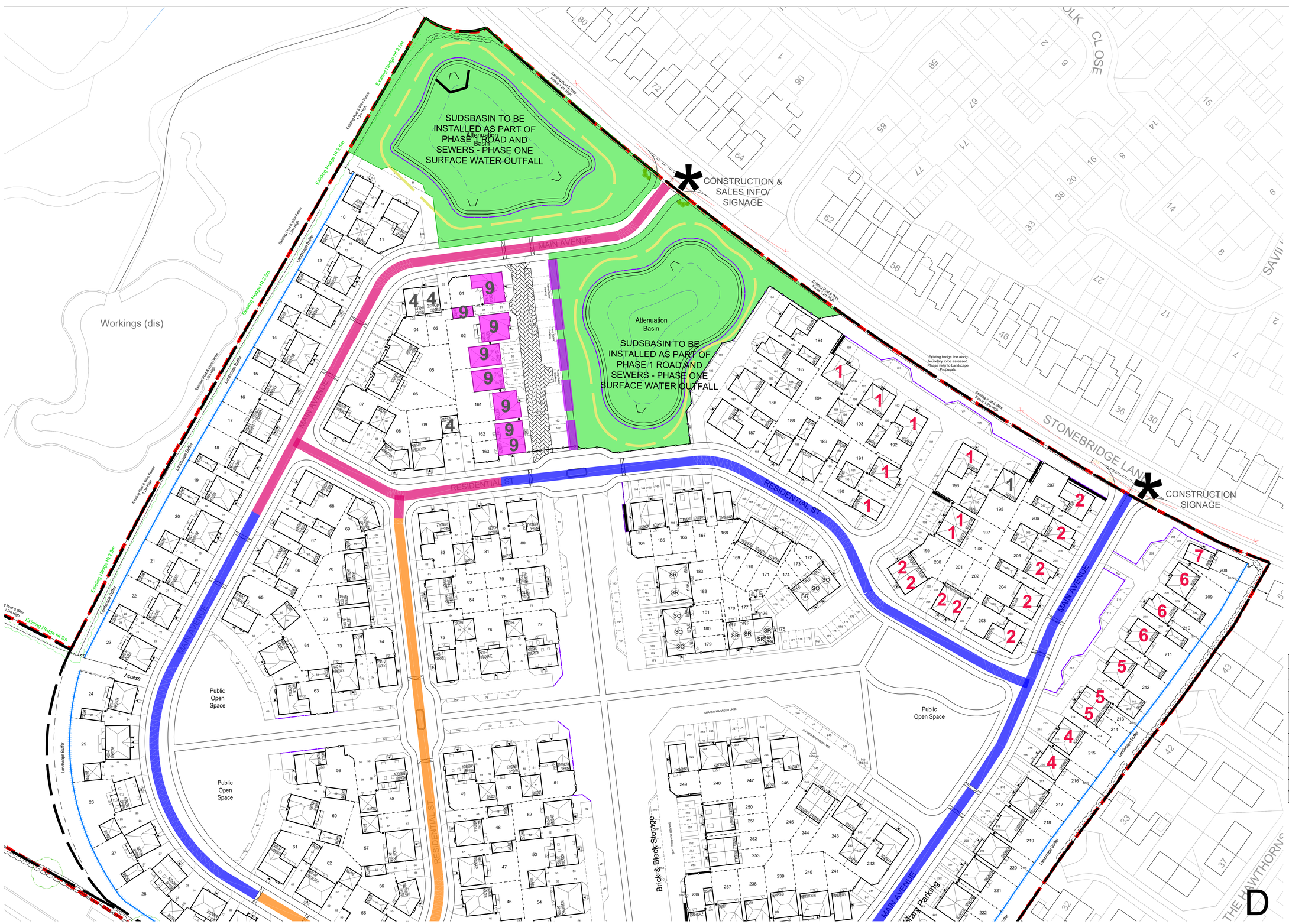
Layer 3 - Showhome Build

Stonebridge Lane, Market Warsop

BARRATT HOMES | DAVID WILSON HOMES WHERE QUALITY LIVES

Drwg No.	H8064/16L3	Rev	-
Scale	NTS (A0)	Date	26.04.22
Drawn by	JL	Checked by	Tech

NORTH MIDLANDS
Design & Technical Department
2 Horizon Place - Nottingham Business Park
NOTTINGHAM NG8 6PY



KEY

- Showhomes & Sales Garage
- Phase 1 PC Roads & Sewers (Start 4th April 2022, Comp 31st Aug 2022)
- Phase 2 Roads & Sewers (Start 8th Aug 2022 - TBC) Mains Laying to Follow on
- Stages of plots in build surrounding the area (Foundation Jan & Super structure April)
- Principal Pedestrian Walkway
- Close Boarded Fence
- Heras Fence Site Security
- Proposed Signage
- Principal Footpath
- Phase 3 Roads & Sewers (Start Dec 2022 - 16 Weeks)
- Block Paving
- Stages of plots in build surrounding the area (Foundation Jan & Super structure April)
- Extent of Landscaping (March 2023)
- Terror stop, Head Wall & Road gully protection

Build Stages Of Plots Around Sales Arena		
DESCRIPTION	ID	
Finish Foundations	1	ALL EXTERNALS COMPLETED
Start Brickwork	2	
Superstructure Complete	3	
Roof Complete	4	
1st Fix Complete	5	
Finish Plaster	6	
Finish 2nd Fix	7	
Finish Paint	8	
Completed	9	

DIRECTOR APPROVAL

This drawing must be reviewed and approved by the following management.

.....Date.....
Managing Director

.....Date.....
Technical Director

.....Date.....
Sales Director

.....Date.....
Construction Director

.....Date.....
Commercial Director

.....Date.....
Finance Director

.....Date.....
Development Director

.....Date.....
Planning Director

D

BARRATT AND DWH SALES AREA GARAGE AND SHOW PLOTS (PLOTS 161,162 & ASSOCIATED GARAGES)

1. Sales Garage Foundation
2. Form Hardstanding to Base & Mains Laying
3. Show Home Foundations

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Rev	Description	Initial	Date
-	Based on Planning Layout Rev Q	JSL	27.04.22

0 5m 10m 15m 20m

Layer 3 - Showhome Build — Stonebridge Lane, Market Warsop

BARRATT HOMES

Dwg No.	H8064/16L3.2	Rev	-
Scale	NTS @ A0	Date	28.04.22
Drawn by	JSL	Checked by	Tech

NORTH MIDLANDS
Design & Technical Department
2 Horizon Place - Nottingham Business Park
NOTTINGHAM NG8 6PY

KEY

- Showhomes & Sales Garage
- Build Route
- Compound
- Brick Compound
- Contractors Car Park
- Drive Upgrade to Link Road
- Haul Road
- DWH Storage
- Phase 1 PC Roads & Sewers (Start 4th April 2022, Comp 31st Aug 2022)
- Spoil
- Phase 2 Roads & Sewers (Start 8th Aug 2022 - TBC) Mains Laying to Follow on
- Stages of plots in build surrounding the area (Foundation Jan & Super structure April)
- Principal Footpath
- Terror stop, Head Wall & Roa gully protection
- Silo
- Close Boarded Fence
- BOAT (By way for any traffic)
- Heras Fence Site Security
- First Foundations
- Extent of Landscaping (Marc
- Proposed Signage
- Newline Link Road
- Outfall Protection Barrier
- Phase 3 Roads & Sewers (Start Dec 2022 - 16 Weeks)
- Block Paving

SUDSBASIN TO BE INSTALLED AS PART OF PHASE 1 ROAD AND SEWERS - PHASE ONE SURFACE WATER OUTFALL

Attenuation Basin

CONSTRUCTION & SALES INFO/ SIGNAGE

CONSTRUCTION SIGNAGE

MAIN AVENUE

RESIDENTIAL ST

STONEBRIDGE LANE

Spine

Brick Storage

Brick & Block Storage - Phase 1

Brick & Block Storage

Temporary Parking

Barratt Compound B

New Entry Compound

DWH Compound A

Public Open Space

Public Open Space & Play Area

Sub-Station

Open Space

Ecological Mitigation Area (SSSI)

Wildflower/ Natural Grassland Planting (SSSI)

SHARED SURFACE

MEWS

Landscape Buffer

Existing Hedge Ht 2.5m

Existing Hedge Ht 4m

Existing Hedge Ht 6m

Existing Post & Wire Fence 1.2m High

Existing hedge line along boundary to be assessed. Please refer to Landscape Proposals.

Access

MP 12.0

NORFOLK CLOSE

SAVILLE

THE HAWTHORNS

SOOKHOLME DRIVE

BLACKBERRY WAY

DIRECTOR APPROVAL

This drawing must be reviewed and approved by the following management.

.....Date.....
Managing Director

.....Date.....
Technical Director

.....Date.....
Sales Director

.....Date.....
Construction Director

.....Date.....
Commercial Director

.....Date.....
Finance Director

.....Date.....
Development Director

.....Date.....
Planning Director

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Rev	Description	Initial	Date
-	Based on Planning Layout Rev Q	JSL	27.04.22

Layer 4 - Establishment of Compound

Stonebridge Lane, Market Warsop

BARRATT HOMES

DAVID WILSON HOMES
WHERE QUALITY LIVES

Drwg No.	H8064/16L4	Rev	-
Scale	NTS (A0)	Date	26.04.22
Drawn by	JL	Checked by	Tech

NORTH MIDLANDS
Design & Technical Department
2 Horizon Place - Nottingham Business Park
NOTTINGHAM NG8 6PY

KEY

- Showhomes & Sales Garage
- Build Route
- Compound
- Brick Compound
- Contractors Car Park
- Drive Upgrade to Link Road
- Haul Road
- DWH Storage
- Phase 1 PC Roads & Sewers (Start 4th April 2022, Comp 31st Aug 2022)
- Spoil
- Build Plots From Behind
- Phase 2 Roads & Sewers (Start 8th Aug 2022 - TBC) Mains Laying to Follow on
- Stages of plots in build surrounding the area (Foundation Jan & Super structure April)
- New line Foundation & Ext
- Principal Footpath
- Terror stop, Head Wall & Road gully protection
- Silo
- Close Boarded Fence
- BOAT (By way for any traffic)
- Heras Fencing
- Heras Fence Site Security
- First Foundations
- Extent of Landscaping (March 2023)
- Proposed Signage
- Newline Link Road
- Outfall Protection Barrier
- Phase 3 Roads & Sewers (Start Dec 2022 - 16 Weeks)
- Block Paving

SUDSBASIN TO BE INSTALLED AS PART OF PHASE 1 ROAD AND SEWERS - PHASE ONE SURFACE WATER OUTFALL

Attenuation Basin

CONSTRUCTION & SALES INFO/ SIGNAGE

CONSTRUCTION SIGNAGE

MAIN AVENUE

RESIDENTIAL ST

SHARED SURFACE

MEWS

Sales

Brick Storage

Block Storage

Brick & Block Storage

Brick & Block Storage- Phase 1

Barratt Compound Etc.

Temporary Parking

No Access From Front

Public Open Space

Public Open Space & Play Area

Sub-Station

Ecological Mitigation Area (SSSI)

Wildflower/ Natural Grassland Planting (SSSI)

Landscape Buffer

Existing Hedge Ht 4m

Existing Hedge Ht 6m

Existing Hedge Ht 2.5m

Existing Post & Wire Fence 1.2m High

Existing Post & Wire Fence 1.2m High

Existing Post & Wire Fence 2m High

Existing hedge line along boundary to be assessed. Please refer to Landscape Proposals.

ARGYLE CLOSE

NORFOLK CLOSE

STONEBRIDGE LANE

SAVILLE

THE HAWTHORNS

SOOKHOLME DRIVE

CKBERRY WAY

MP 12.0

DIRECTOR APPROVAL

This drawing must be reviewed and approved by the following management.

.....Date.....
Managing Director

.....Date.....
Technical Director

.....Date.....
Sales Director

.....Date.....
Construction Director

.....Date.....
Commercial Director

.....Date.....
Finance Director

.....Date.....
Development Director

.....Date.....
Planning Director

WARNING TO PURCHASERS. Property Misdescriptions Act 1991

Images and site layout are intended for illustrative purposes only and should be treated as general guidance only.

Site layout including parking arrangements, [social/ affordable ·housing, community buildings, play areas and public open spaces] may change to reflect changes in the planning permission for the development. Please speak to your solicitor to whom full details of any planning consents including layout plans will be available.

Site layouts and landscaping are not intended to form part of any contract or warranty unless specifically incorporated in writing into the contract.

Rev	Description	Initial	Date
-	Based on Planning Layout Rev Q	JSL	27.04.22

Layer 5 - Overall Execution Plan

Stonebridge Lane, Market Warsop

BARRATT HOMES | DAVID WILSON HOMES WHERE QUALITY LIVES

Drwg No.	H8064/16L5	Rev	-
Scale	NTS (A0)	Date	26.04.22
Drawn by	JL	Checked by	Tech

NORTH MIDLANDS
Design & Technical Department
2 Horizon Place - Nottingham Business Park
NOTTINGHAM NG8 6PY

LAYER 6

KEY

- Showhomes & Sales Garage
- Brick Compound
- Haul Road
- Phase 1 PC Roads & Sewers (Start 4th April 2022, Comp 31st Aug 2022)
- Phase 2 Roads & Sewers (Start 8th Aug 2022 - TBC) Mains Laying to Follow on
- Heras Fence Site Security
- Phase 3 Roads & Sewers (Start Dec 2022 - 16 Weeks)
- Block Paving
- Loading Bay
- Temp HA Compound

MAIN AVENUE

Temporary HA Compound

Landscape Buffer

Public Open Space & Play Area

Brick & Block Storage

Brick & Block Storage

Sub-Station

connection onto existing byway

DIRECTOR APPROVAL

This drawing must be reviewed and approved by the following management.

.....Date.....
Managing Director

.....Date.....
Technical Director

.....Date.....
Sales Director

.....Date.....
Construction Director

.....Date.....
Commercial Director

.....Date.....
Finance Director

.....Date.....
Development Director

.....Date.....
Planning Director

WARNING TO PURCHASERS. Property Misdescriptions Act 1991

Images and site layout are intended for illustrative purposes only and should be treated as general guidance only.

Site layout including parking arrangements, [social/ affordable housing, community buildings, play areas and public open spaces] may change to reflect changes in the planning permission for the development. Please speak to your solicitor to whom full details of any planning consents including layout plans will be available.

Site layouts and landscaping are not intended to form part of any contract or warranty unless specifically incorporated in writing into the contract.

Rev	Description	Initial	Date
-	Based on Planning Layout Rev Q	JSL	27.04.22

Layer 6 - Exit Strategy

Stonebridge Lane, Market Warsop

BARRATT HOMES | DAVID WILSON HOMES WHERE QUALITY LIVES

Dwg No.	H8064/16L6	Rev	-
Scale	NTS (A0)	Date	26.04.22
Drawn by	JL	Checked by	Tech

NORTH MIDLANDS
Design & Technical Department
2 Horizon Place - Nottingham Business Park
NOTTINGHAM NG8 6PY

BRS 01 - Appendix B

Site Execution Plan Guide

Barratt Redrow

Purpose

- Key part of the Construction Phase Planning
- Provides clear build routes as per programme
- Initial draft to be prepared after Pre-development meeting 1
- Initial draft proposed at Pre-development meeting 2
- Final draft ready for director approval at Pre-start meeting
- Considerations to the impact of site operations and occupations
- Highlights segregation between construction and public / residential access to site
- Provision of street lighting and street name signs prior to occupation
- Robust and clear exit strategy in the final phase of build
- Plan should be reviewed by site team at least monthly
- Formally reviewed in conjunction with SHE Form 35 quarterly
- Each stage or phase must be signed off by Directors
- Significant changes to build routes must be agreed and signed off by the RMD

Barratt Redrow

Site Execution Plan

New look site execution plan is to be split over a minimum of 6 pages, and must include but not limited to the following points:

- Secure site boundaries
- Tree protection zones and water course identification
- Programme for road construction and haul roads (whole duration)
- Service routes
- Location of welfare accommodation, Parking, Material storage both temporary and permanent
- Sales arena, show homes and customer parking
- Agreed plot build routes and sequencing
- Occupation strategy

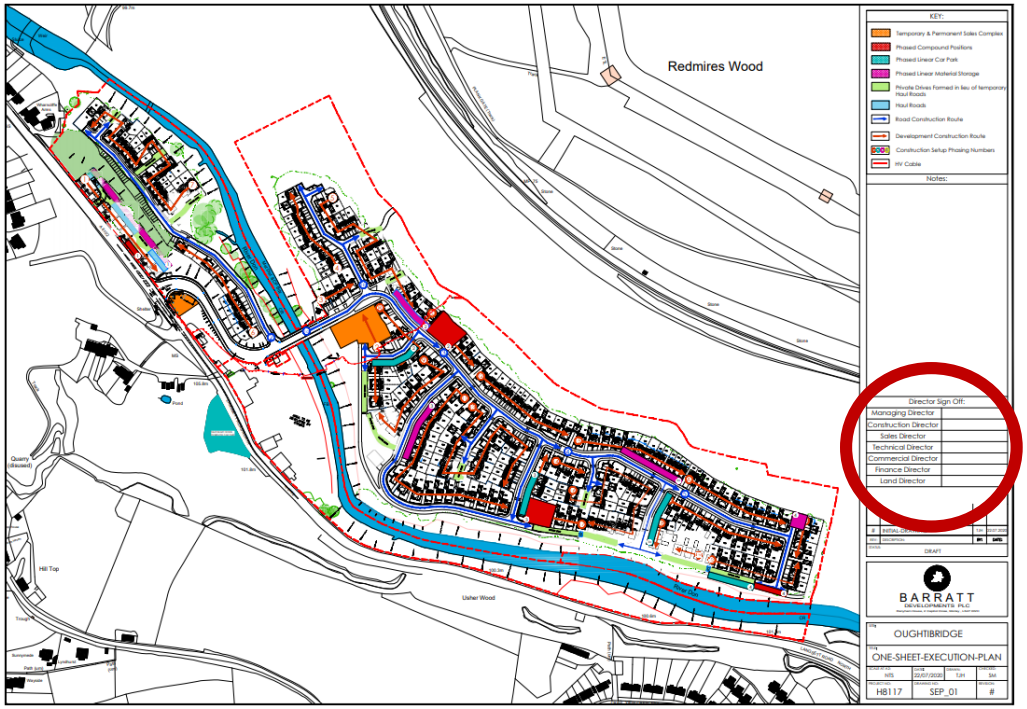
Barratt Redrow

Site Execution Plan – Page 1

Overview of the whole development.

Key to include but not limited to;

- Temporary / Permanent sales arena
- Compound positions, parking and material storage
- Haul roads
- Road construction route
- Plot build route
- Services and water courses
- Primary access routes
- Director approval / sign off



Barratt Redrow

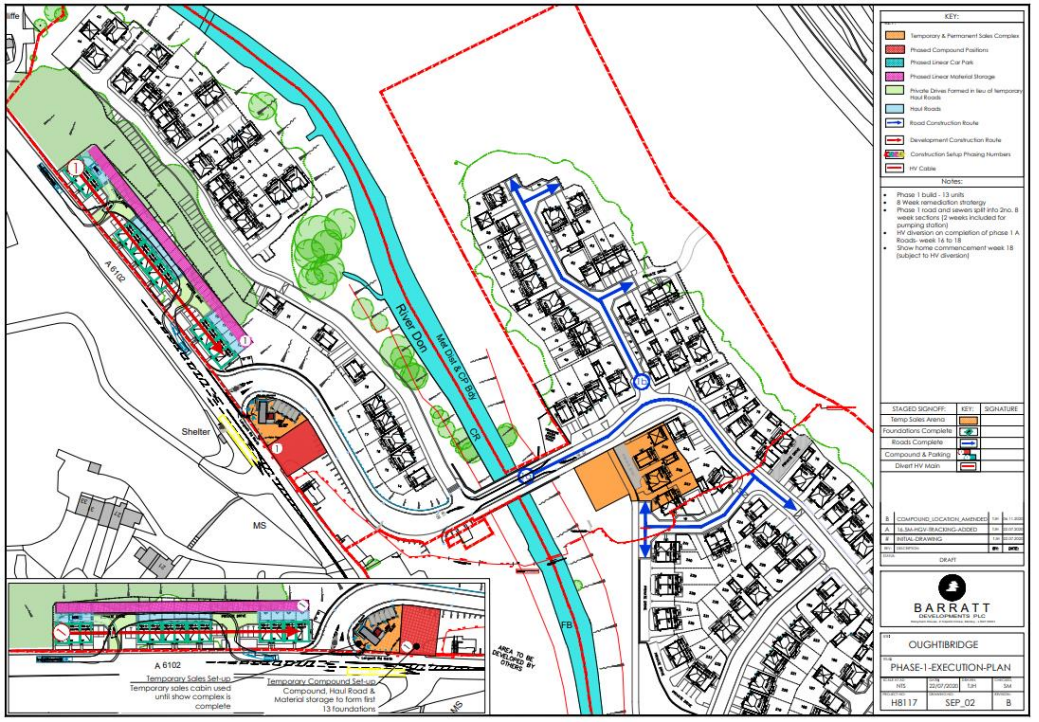
Site Execution Plan – Pages 2-5

The body of the site execution plan should now be broken down into smaller phases from initial set up through to completion.

This should be but not limited to 4 pages, in the event of larger and complex developments additional phases will be required.

Each page will include but not limited to;

- Notes highlighting key / critical build targets as per the programme (e.g. Sales complex, road phasing, build routes, HV diversion)..
- Director sign off after each stage is completed.
- Site boundary
- Occupation routes
- Traffic management arrangements.



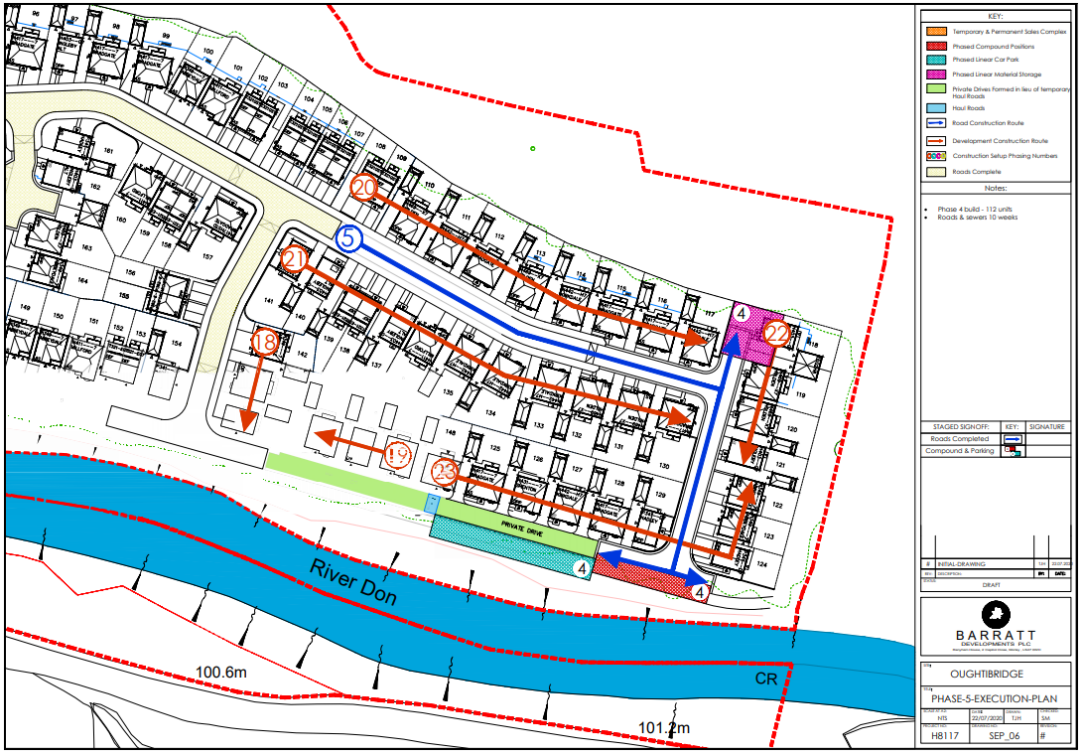
Barratt Redrow

Site Execution Plan – Page 6

Exit Strategy

The final page of the Site Execution plan must be a dedicated exit plan or strategy.

Once all previous phases of the plan have been completed and signed off, this exit strategy will provide the site teams and divisional directors a clear plan of how the development will be completed and how construction related activities will be managed in the final stages.



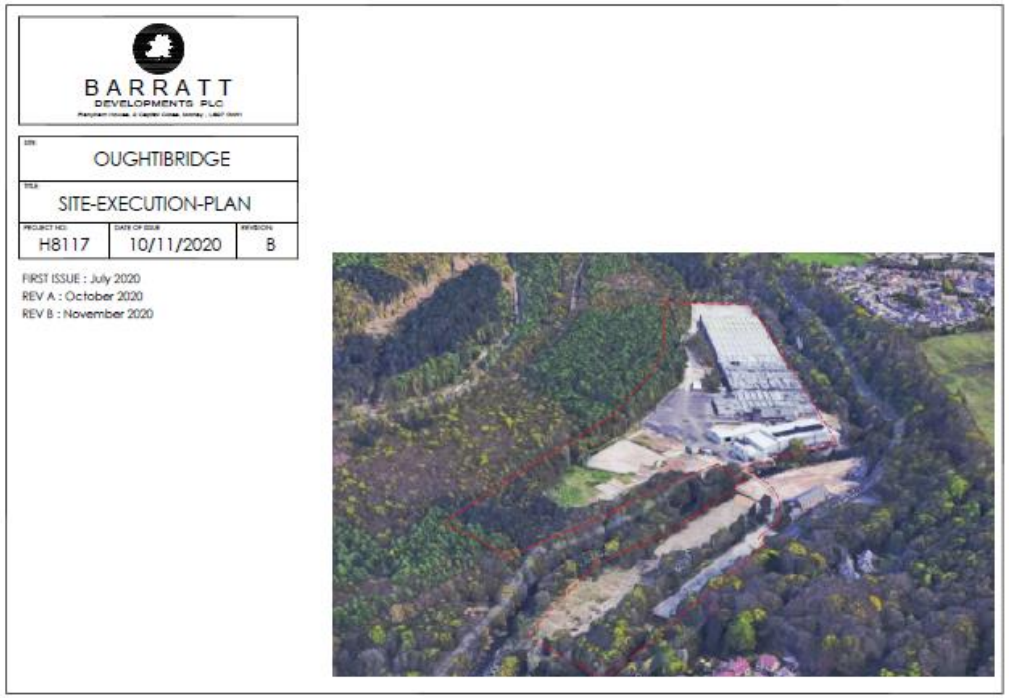
Barratt Redrow

Site Execution Plan

Good Example

Appendix C – BRS 01

Cross Reference SEP with section 10 SHE Form 05.


BARRATT
DEVELOPMENTS PLC

OUGHTIBRIDGE

SITE-EXECUTION-PLAN

PROJECT NO.	DATE OF ISSUE	REVISION
H8117	10/11/2020	B

FIRST ISSUE : July 2020
REV A : October 2020
REV B : November 2020

Barratt Redrow

Site Execution Plan

Presented on a Flip Chart Format

Sequential section signed off when completed in the designated order.

Deviation form the sequence requires RMD/MD approval.







Barratt Redrow

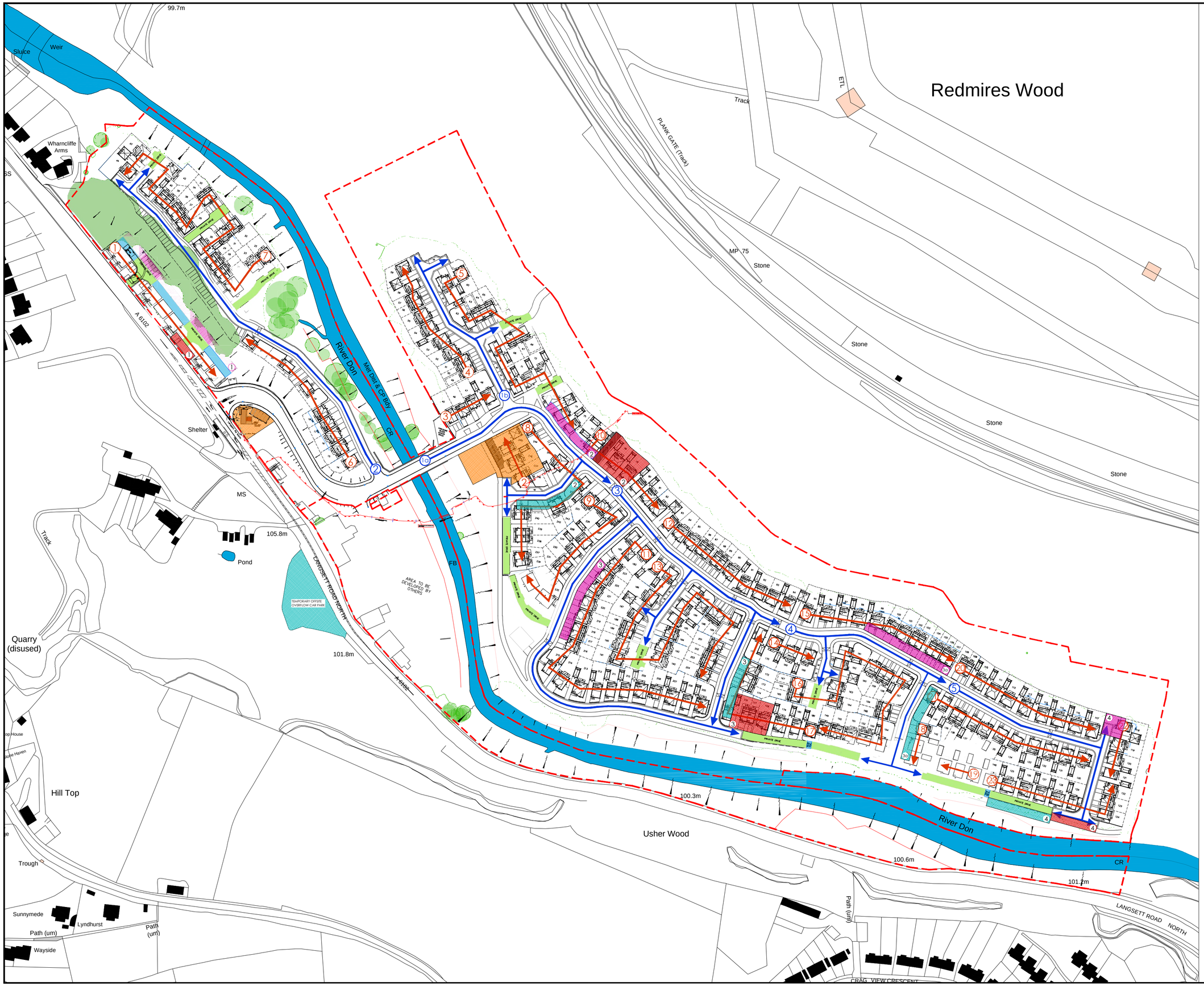
Appendix C

Barratt Redrow

SITE:		
OUGHTIBRIDGE		
TITLE:		
SITE-EXECUTION-PLAN		
PROJECT NO:	DATE OF ISSUE	REVISION:
H8117	10/11/2020	B

FIRST ISSUE : July 2020
REV A : October 2020
REV B : November 2020





KEY:

- Temporary & Permanent Sales Complex
- Phased Compound Positions
- Phased Linear Car Park
- Phased Linear Material Storage
- Private Drives Formed in lieu of temporary Haul Roads
- Haul Roads
- Road Construction Route
- Development Construction Route
- ①②③④ Construction Setup Phasing Numbers
- HV Cable

Notes:

Director Sign Off:	
Managing Director	
Construction Director	
Sales Director	
Technical Director	
Commercial Director	
Finance Director	
Land Director	

#	DESCRIPTION:	BY:	DATE:
#	INITIAL-DRAWING	TJH	22.07.2020

STATUS: DRAFT

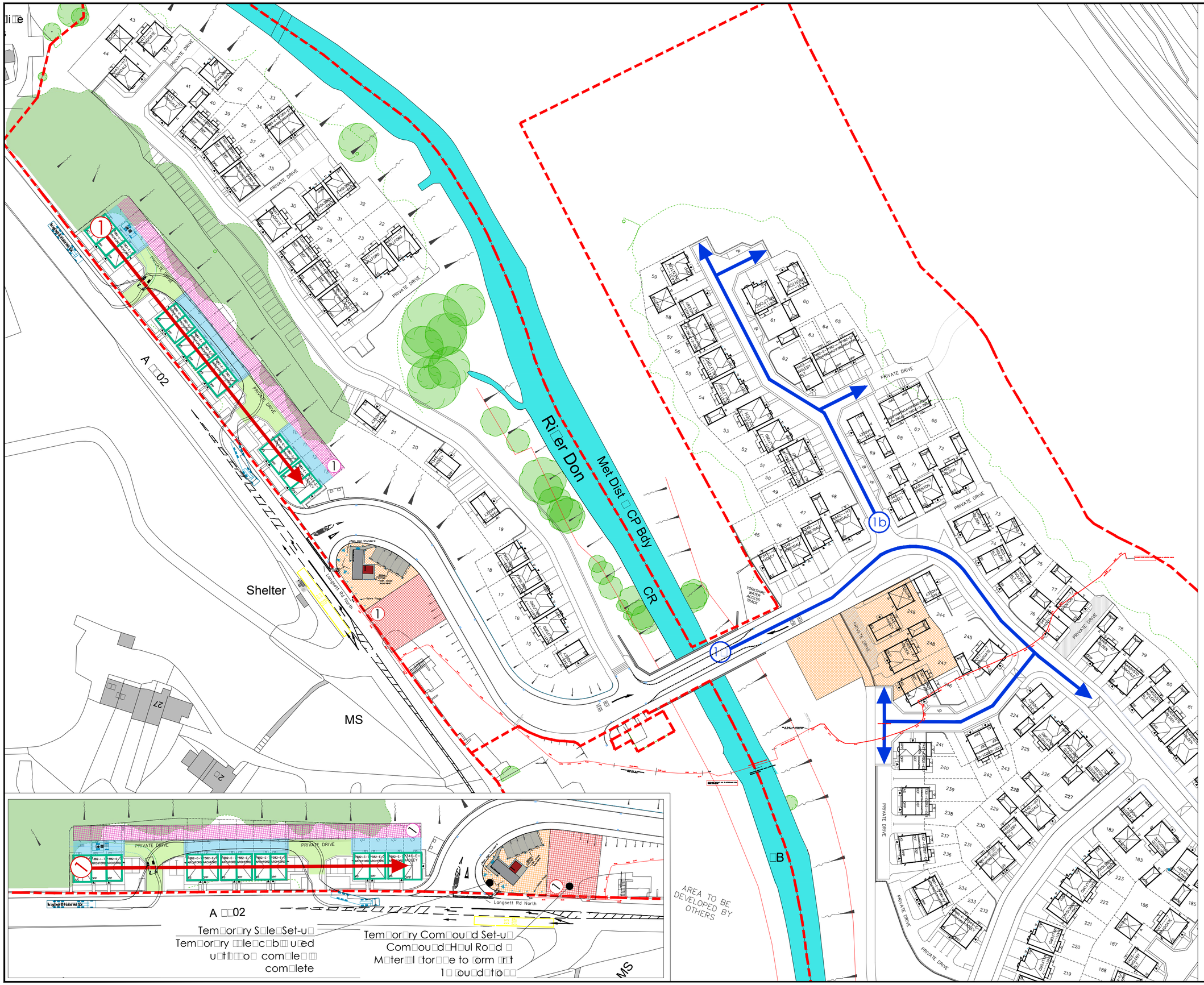
Barratt Redrow

SITE: OUGHTIBRIDGE

TITLE: ONE-SHEET-EXECUTION-PLAN

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
NTS	22/07/2020	TJH	SM

PROJECT NO:	DRAWING NO:	REVISION:
H8117	SEP_01	#



A 02

Temporary Sale Set-up
Temporary Vehicle Cabin used until Show complete

Temporary Compound Set-up
Compound Haul Road
Material storage to form first 100 pound step

KEY:

- Temporary / Permanent Sales Compound
- Proposed Compound Position
- Proposed Litter Car Park
- Proposed Litter Material Storage
- Private Drive Formed in lieu of temporary Haul Road
- Haul Road
- Road Construction Route
- Development Construction Route
- Construction Setup Position Number
- HV Cable

Notes:

- Phase 1 build - 100 units
- 8 tree removed into temporary
- Phase 1 road and tree lighting into 2008 Section 278 included for Plumbing Station
- HV diversion to completion of Phase 1A Road - tree 1 to 18
- Show Home commencement tree 18 subject to HV diversion

STAGED SIGNOFF:	KEY:	SIGNATURE
Temp Sales Area		
Foundations Complete		
Road Complete		
Compound / Parking	1 / 1	
Divert HV Main		

REV:	DESCRIPTION:	BY:	DATE:
B	COMPOUND LOCATION AMENDED	TJH	03/11/2020
A	1 NO M-HGV-TRACKING-ADDED	TJH	22/07/2020
-	INITIAL-DRAFTING	TJH	22/07/2020

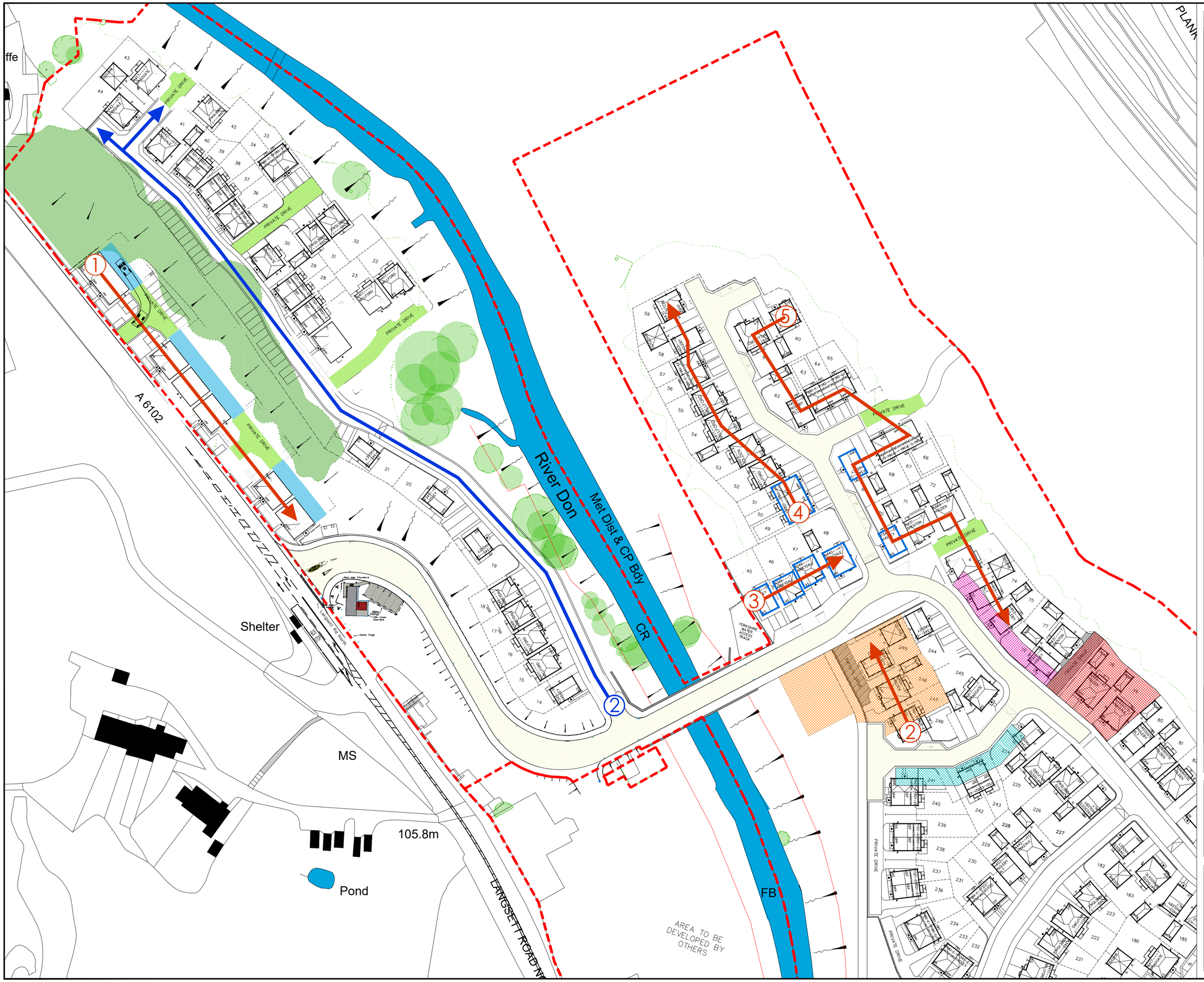
STATUS: DRAFT

Barratt Redrow

SITE: OUGHTIBRIDGE

TITLE: PHASE-1-EXECUTION-PLAN

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
NTS	22/07/2020	TJH	SM
PROJECT NO:	DRAWING NO:		REVISION:
H8117	SEP 02		B



KEY:

- Temporary & Permanent Sales Complex
- Phased Compound Positions
- Phased Linear Car Park
- Phased Linear Material Storage
- Private Drives Formed in lieu of temporary Haul Roads
- Haul Roads
- Road Construction Route
- Development Construction Route
- Construction Setup Phasing Numbers
- HV Cable
- Roads Complete

Notes:

- Phase 2 build - 5 units including 3 show homes
- Roads & sewers 16 weeks

STAGED SIGNOFF:	KEY:	SIGNATURE
Sales Arena		
Foundations Complete		
Roads Completed		
Compound & Parking		
Divert HV Main		

#	INITIAL-DRAWING	TJH	22.07.2020
REV:	DESCRIPTION:	BY:	DATE:

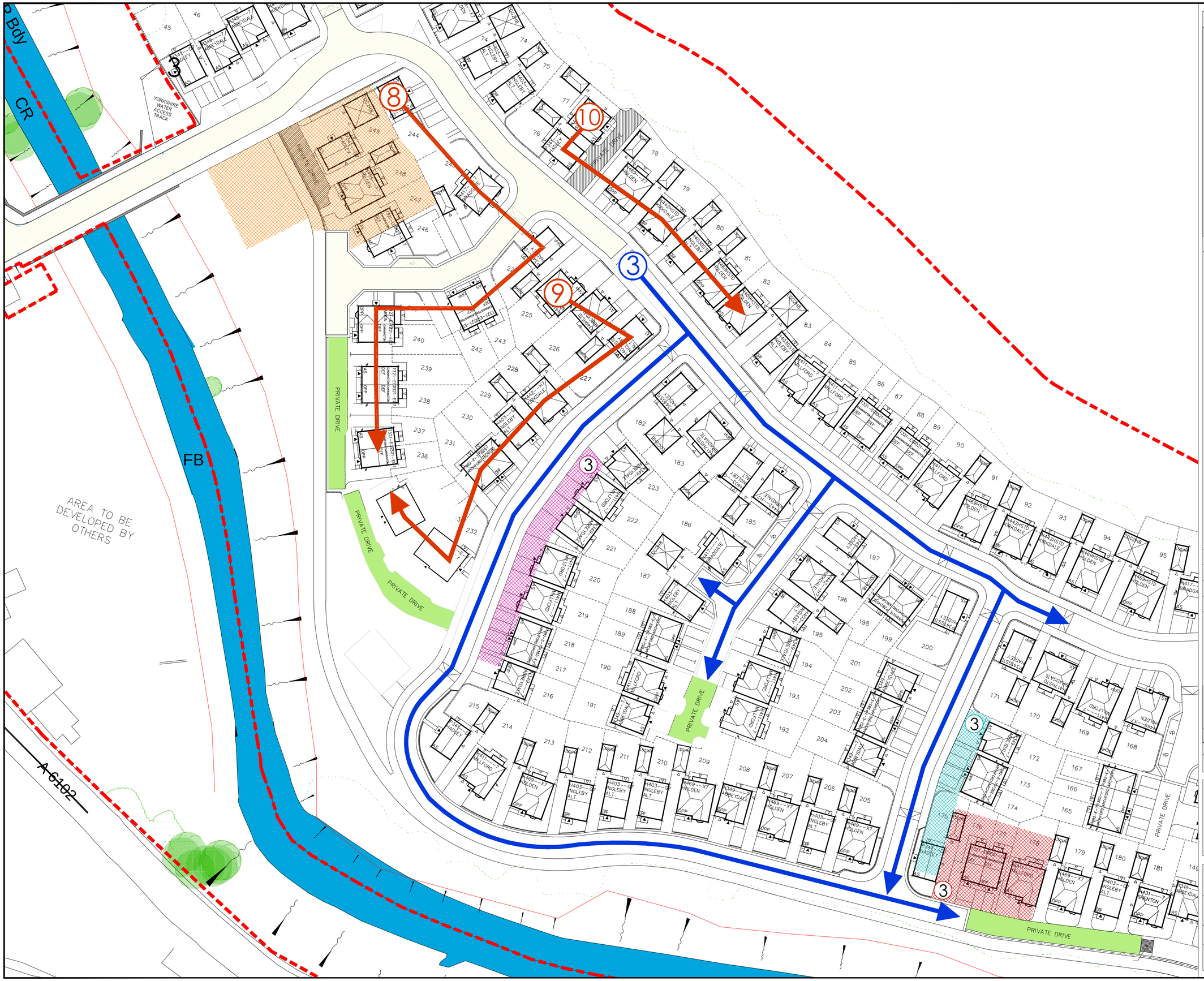
STATUS: DRAFT

Barratt Redrow

SITE: OUGHTIBRIDGE

TITLE: PHASE-2-EXECUTION-PLAN

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
NTS	22/07/2020	TJH	SM
PROJECT NO:	DRAWING NO:		REVISION:
H8117	SEP_03		#



KEY:

- Temporary & Permanent Sales Complex
- Phased Compound Positions
- Phased Linear Car Park
- Phased Linear Material Storage
- Private Drives Formed in lieu of temporary Haul Roads
- Haul Roads
- Road Construction Route
- Development Construction Route
- ①②③④ Construction Setup Phasing Numbers
- Roads Complete

Notes:

- Phase 3 build - 44 units
- Roads & sewers 24 weeks

STAGED SIGNOFF:	KEY:	SIGNATURE
Sales Arena		
Roads Completed		
Compound & Parking	2	

#	INITIAL-DRAWING	TJH	22.07.2020
REV:	DESCRIPTION:	BY:	DATE:

STATUS: DRAFT

Barratt Redrow

SITE: OUGHTIBRIDGE

TITLE: PHASE-3-EXECUTION-PLAN

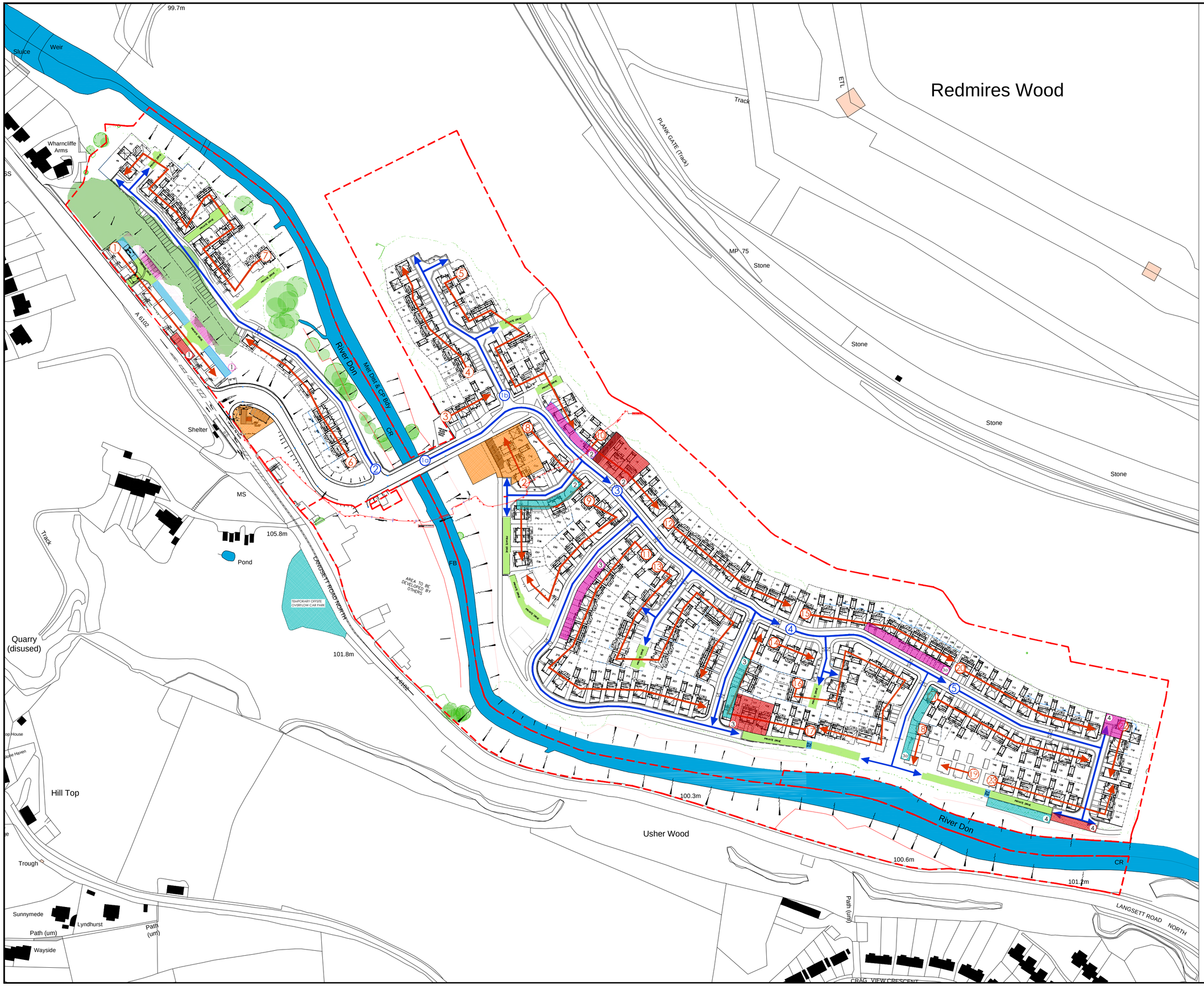
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NTS	22/07/2020	TJH	SM
PROJECT NO:	DRAWING NO:		REVISION:
H8117	SEP_04		#

Barratt Redrow

SITE:		
OUGHTIBRIDGE		
TITLE:		
SITE-EXECUTION-PLAN		
PROJECT NO:	DATE OF ISSUE	REVISION:
H8117	23/07/2020	#

FIRST ISSUE : July 2020





KEY:

- Temporary & Permanent Sales Complex
- Phased Compound Positions
- Phased Linear Car Park
- Phased Linear Material Storage
- Private Drives Formed in lieu of temporary Haul Roads
- Haul Roads
- Road Construction Route
- Development Construction Route
- ①②③④ Construction Setup Phasing Numbers
- HV Cable

Notes:

Director Sign Off:	
Managing Director	
Construction Director	
Sales Director	
Technical Director	
Commercial Director	
Finance Director	
Land Director	

#	DESCRIPTION:	BY:	DATE:
#	INITIAL-DRAWING	TJH	22.07.2020

STATUS: DRAFT

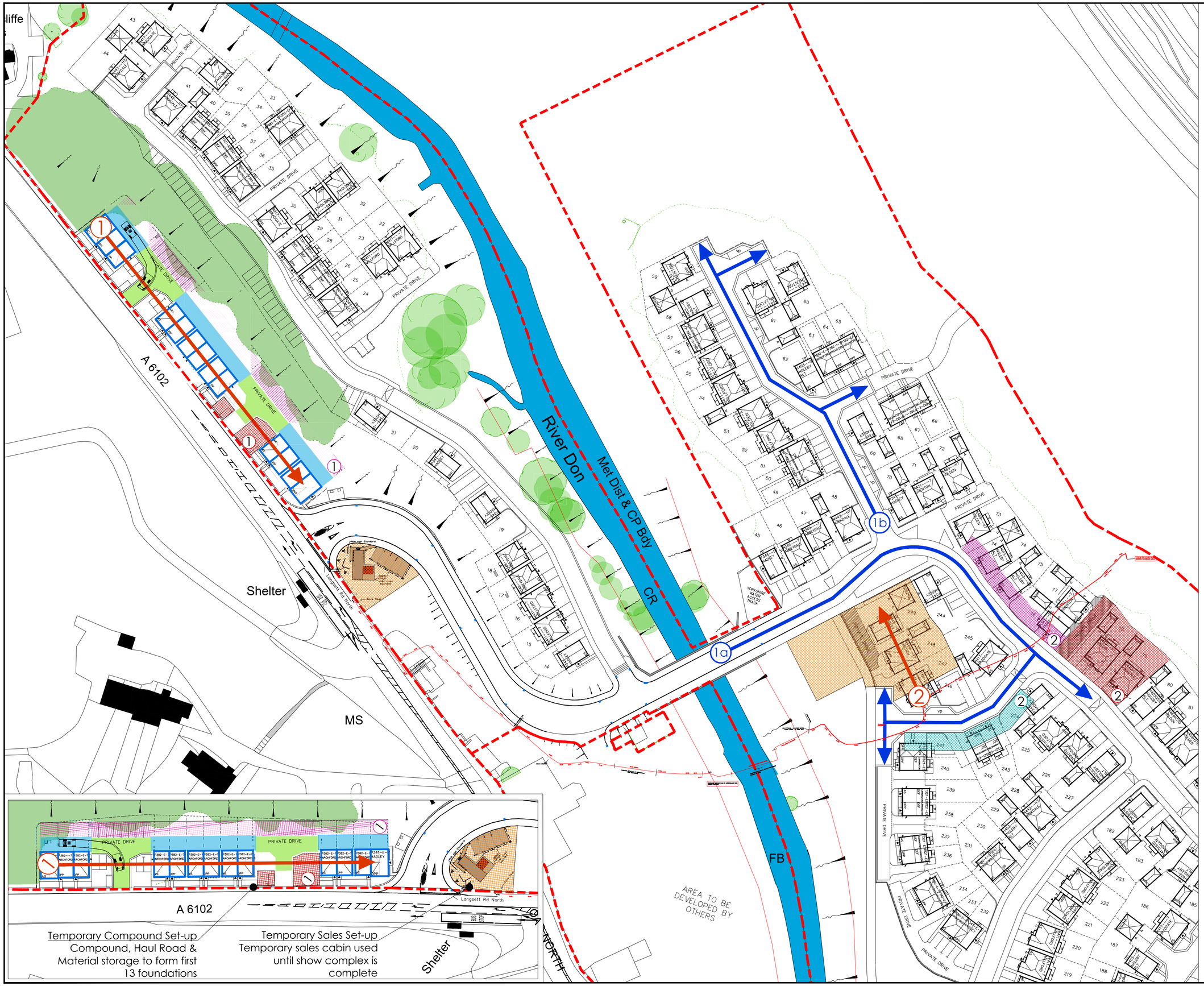
Barratt Redrow

SITE: OUGHTIBRIDGE

TITLE: ONE-SHEET-EXECUTION-PLAN

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
NTS	22/07/2020	TJH	SM

PROJECT NO:	DRAWING NO:	REVISION:
H8117	SEP_01	#



Temporary Compound Set-up
Compound, Haul Road & Material storage to form first 13 foundations

Temporary Sales Set-up
Temporary sales cabin used until show complex is complete

KEY:

- Temporary & Permanent Sales Complex
- Phased Compound Positions
- Phased Linear Car Park
- Phased Linear Material Storage
- Private Drives Formed in lieu of temporary Haul Roads
- Haul Roads
- Road Construction Route
- Development Construction Route
- Construction Setup Phasing Numbers
- HV Cable

Notes:

- Phase 1 build - 13 units
- 8 Week remediation stratergy
- Phase 1 road and sewers split into 2no. 8 week sections (2 weeks included for pumping station)
- HV diversion on completion of phase 1 A Roads- week 16 to 18
- Show home commencement week 18 (subject to HV diversion)

STAGED SIGNOFF:	KEY:	SIGNATURE
Temp Sales Arena		
Foundations Complete		
Roads Complete		
Compound & Parking		
Divert HV Main		

#	INITIAL-DRAWING	TJH	22.07.2020
REV:	DESCRIPTION:	BY:	DATE:

STATUS: DRAFT

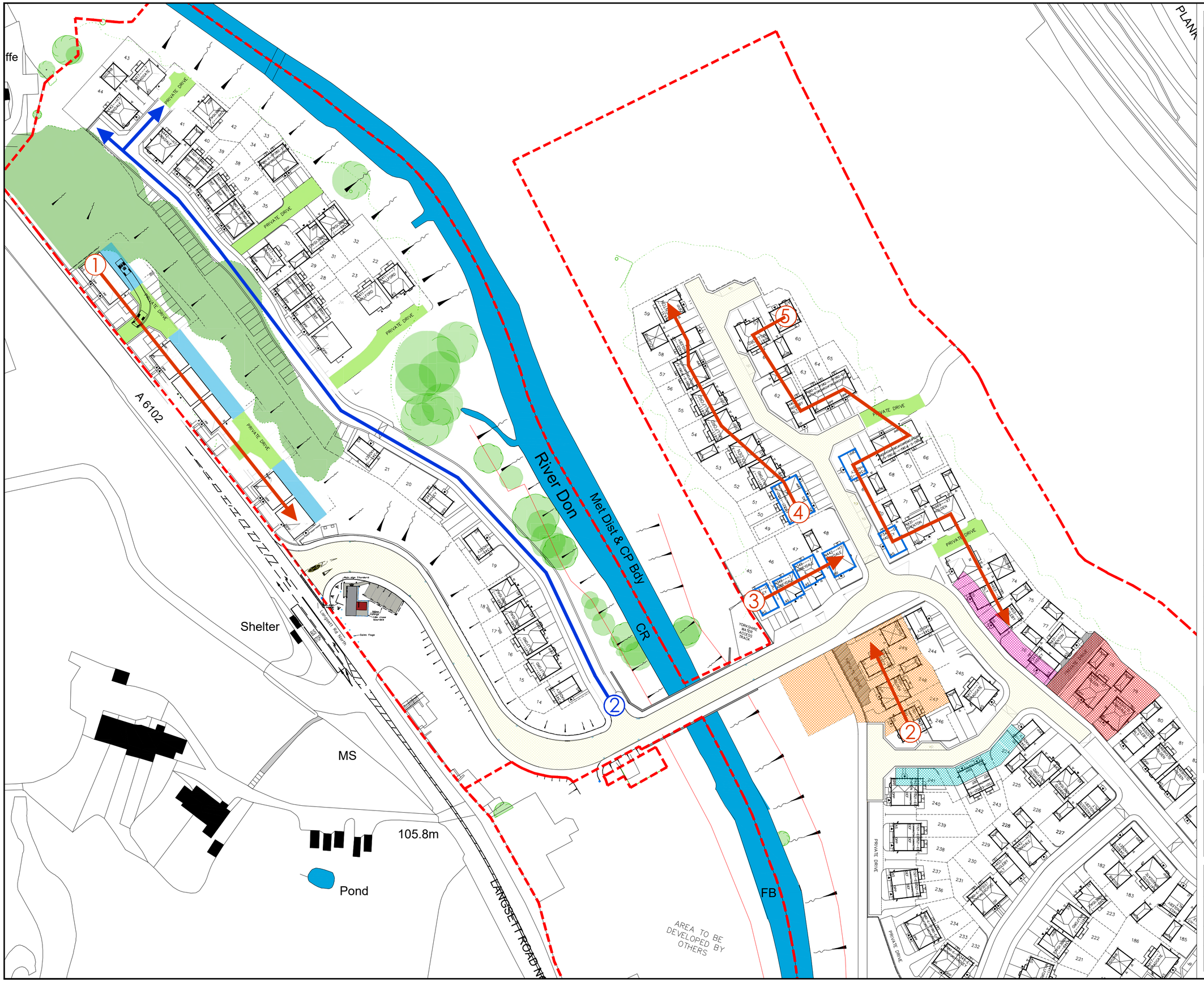
BARRATT
DEVELOPMENTS PLC
Ranyham House, 2 Capitol Close, Morley , LS27 0WH

SITE: OUGHTIBRIDGE

TITLE: PHASE-1-EXECUTION-PLAN

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
NTS	22/07/2020	TJH	SM

PROJECT NO:	DRAWING NO:	REVISION:
H8117	SEP_02	#



KEY:

- Temporary & Permanent Sales Complex
- Phased Compound Positions
- Phased Linear Car Park
- Phased Linear Material Storage
- Private Drives Formed in lieu of temporary Haul Roads
- Haul Roads
- Road Construction Route
- Development Construction Route
- Construction Setup Phasing Numbers
- HV Cable
- Roads Complete

Notes:

- Phase 2 build - 5 units including 3 show homes
- Roads & sewers 16 weeks

STAGED SIGNOFF:	KEY:	SIGNATURE
Sales Arena		
Foundations Complete		
Roads Completed		
Compound & Parking		
Divert HV Main		

#	INITIAL-DRAWING	TJH	22.07.2020
REV:	DESCRIPTION:	BY:	DATE:

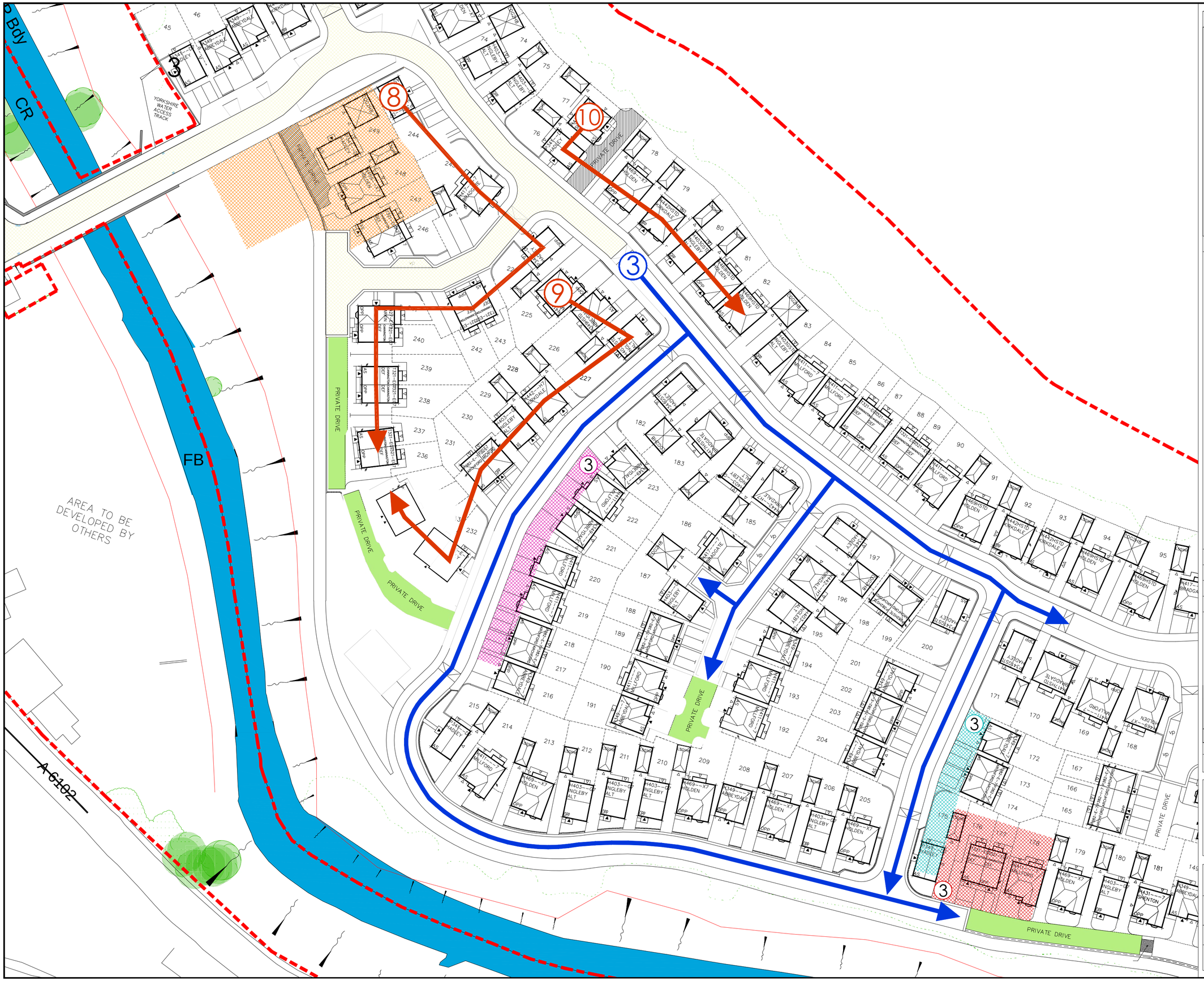
STATUS: DRAFT

Barratt Redrow

SITE: OUGHTIBRIDGE

TITLE: PHASE-2-EXECUTION-PLAN

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
NTS	22/07/2020	TJH	SM
PROJECT NO:	DRAWING NO:		REVISION:
H8117	SEP_03		#



KEY:

- Temporary & Permanent Sales Complex
- Phased Compound Positions
- Phased Linear Car Park
- Phased Linear Material Storage
- Private Drives Formed in lieu of temporary Haul Roads
- Haul Roads
- Road Construction Route
- Development Construction Route
- ①②③④ Construction Setup Phasing Numbers
- Roads Complete

Notes:

- Phase 3 build - 44 units
- Roads & sewers 24 weeks

STAGED SIGNOFF:	KEY:	SIGNATURE
Sales Arena		
Roads Completed		
Compound & Parking	2	

#	INITIAL-DRAWING	TJH	22.07.2020
REV:	DESCRIPTION:	BY:	DATE:

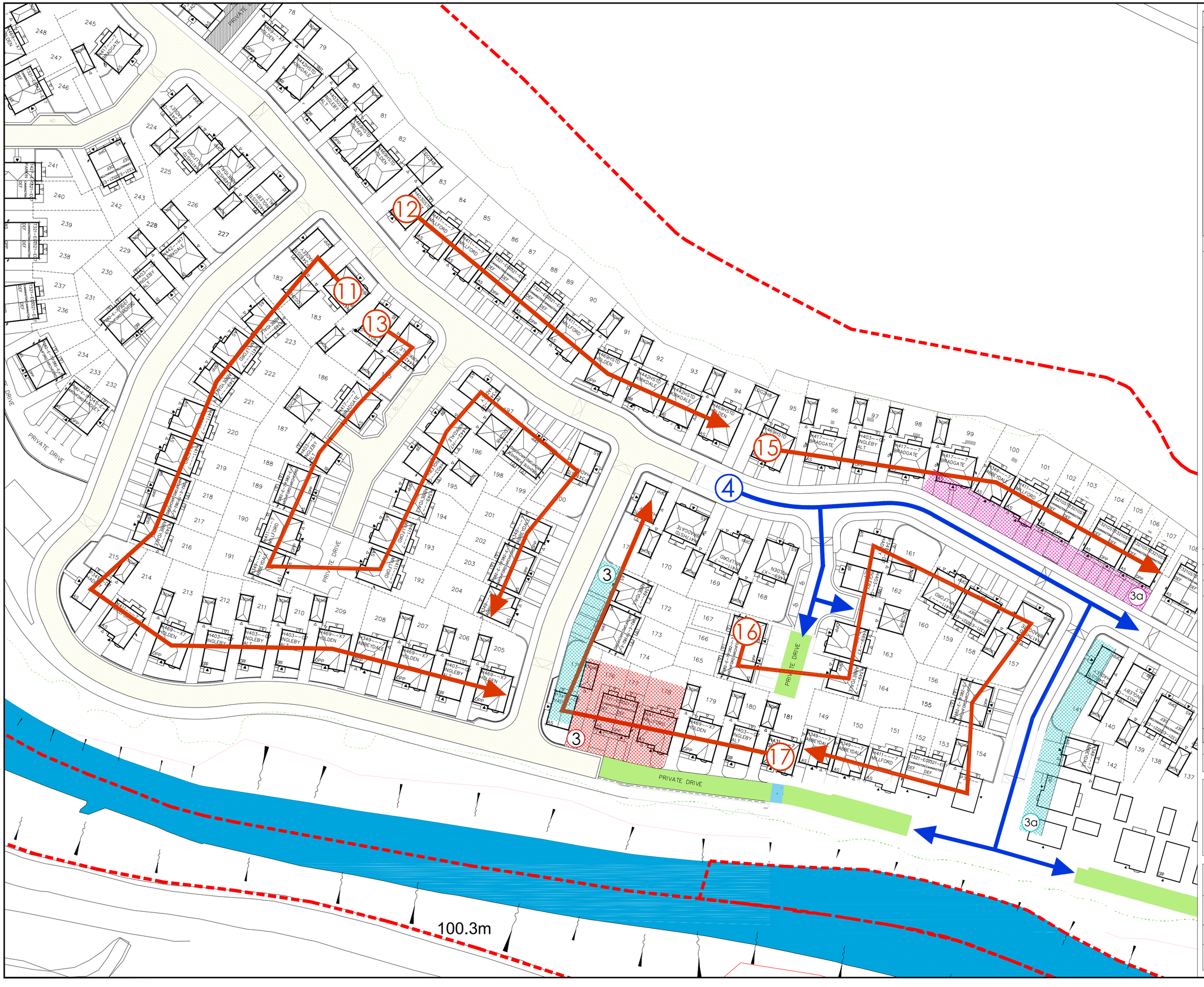
STATUS: DRAFT

Barratt Redrow

SITE: OUGHTIBRIDGE

TITLE: PHASE-3-EXECUTION-PLAN

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
NTS	22/07/2020	TJH	SM
PROJECT NO:	DRAWING NO:		REVISION:
H8117	SEP_04		#



KEY:

- Temporary & Permanent Sales Complex
- Phased Compound Positions
- Phased Linear Car Park
- Phased Linear Material Storage
- Private Drives Formed in lieu of temporary Haul Roads
- Haul Roads
- Road Construction Route
- Development Construction Route
- Construction Setup Phasing Numbers
- Roads Complete

Notes:

- Phase 4 build - 50 units
- Roads & sewers 12 weeks

STAGED SIGNOFF:	KEY:	SIGNATURE
Roads Completed		
Compound & Parking		

#	DESCRIPTION:	BY:	DATE:
#	INITIAL-DRAWING	TJH	22.07.2020

STATUS: DRAFT

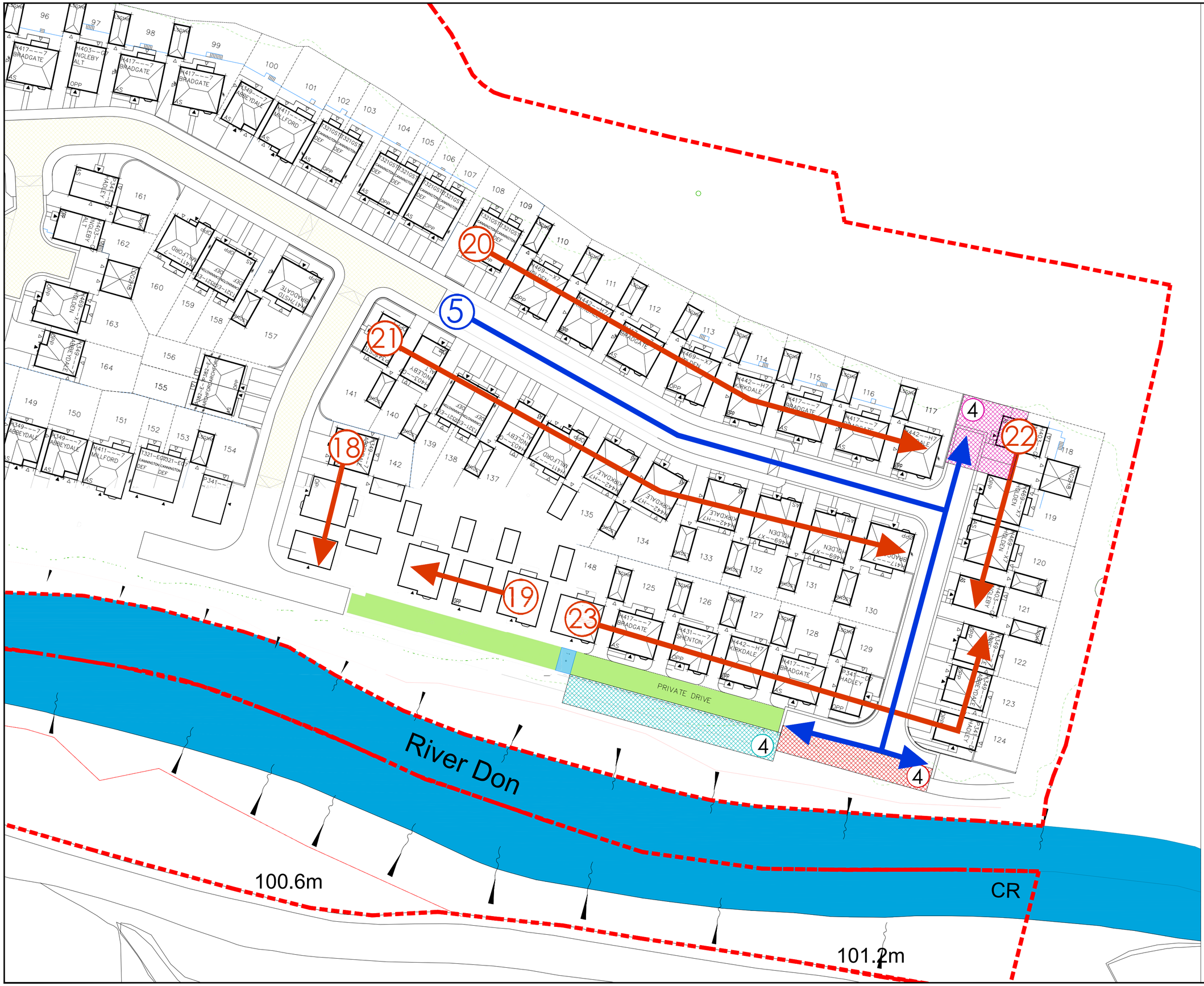
Barratt Redrow

SITE: OUGHTIBRIDGE

TITLE: PHASE-4-EXECUTION-PLAN

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
NTS	22/07/2020	TJH	SM

PROJECT NO:	DRAWING NO:	REVISION:
H8117	SEP_05	#



KEY:

- Temporary & Permanent Sales Complex
- Phased Compound Positions
- Phased Linear Car Park
- Phased Linear Material Storage
- Private Drives Formed in lieu of temporary Haul Roads
- Haul Roads
- Road Construction Route
- Development Construction Route
- ①②③④ Construction Setup Phasing Numbers
- Roads Complete

Notes:

- Phase 4 build - 112 units
- Roads & sewers 10 weeks

STAGED SIGNOFF:	KEY:	SIGNATURE
Roads Completed		
Compound & Parking		

#	INITIAL-DRAWING	TJH	22.07.2020
REV:	DESCRIPTION:	BY:	DATE:

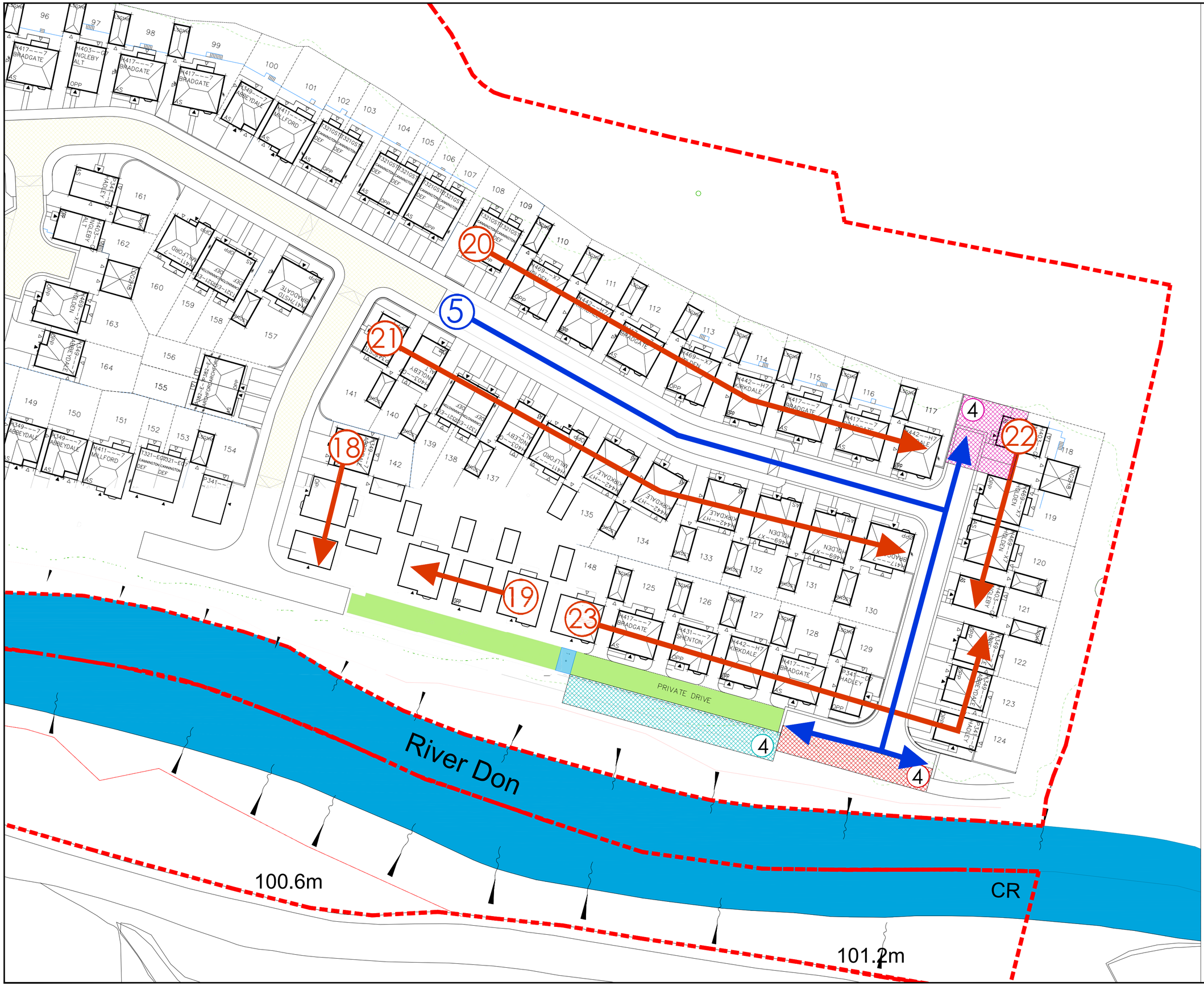
STATUS: DRAFT

Barratt Redrow

SITE: OUGHTIBRIDGE

TITLE: PHASE-5-EXECUTION-PLAN

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
NTS	22/07/2020	TJH	SM
PROJECT NO:	DRAWING NO:		REVISION:
H8117	SEP_06		#



KEY:

- Temporary & Permanent Sales Complex
- Phased Compound Positions
- Phased Linear Car Park
- Phased Linear Material Storage
- Private Drives Formed in lieu of temporary Haul Roads
- Haul Roads
- Road Construction Route
- Development Construction Route
- ①②③④ Construction Setup Phasing Numbers
- Roads Complete

Notes:

- Phase 4 build - 112 units
- Roads & sewers 10 weeks

STAGED SIGNOFF:	KEY:	SIGNATURE
Roads Completed		
Compound & Parking		

#	INITIAL-DRAWING	TJH	22.07.2020
REV:	DESCRIPTION:	BY:	DATE:

STATUS: DRAFT

Barratt Redrow

SITE: OUGHTIBRIDGE

TITLE: PHASE-5-EXECUTION-PLAN

SCALE AT A2:	DATE:	DRAWN:	CHECKED:
NTS	22/07/2020	TJH	SM
PROJECT NO:	DRAWING NO:		REVISION:
H8117	SEP_06		#

Appendix D

Site Execution Plan - Template Checklist



- Site Review meeting arranged with project team.

Layer 1

Demonstrate site from day 1 depicting the following:

- PC Roads and Sewers Compound position
- Extent and timings of Phase 1 roads and sewers including balancing ponds
- Site Security
- Environmental controls as required
- Spoil positions

Layer 2

Demonstrating site from 1st road completion depicting the following:

- Temporary Compound provisions
- Temporary Storage provisions.
- Revised Road & Sewers compound location
- Updated spoil positions
- Updated environmental controls
- Key Signage
- Extent of phase 2 roads and sewers
- Mains laying programming
- Extent of first foundations

Layer 3 - Multi element sheet depicting detail of Show Home build execution by week demonstrating the following:

- Extent of show home infrastructure works before superstructure including timings
- Marketing Suite Programme and extent of programme at this point including timings
- Show Home Programme and extent of works at point of opening

Detail to include:

- Extent of landscaping
- Detail of stages of plots in build surrounding the area
- Gating and hoarding provisions
- Signage locations

Site Execution Plan - Template Checklist



Layer 4 - Execution to establishment of main compound depicting the following:

- Compound position
- Linear storage locations and silo positions
- Linear parking locations
- Spoil locations
- Groundworks compound
- Haul Road.
- Initial route to build.
- Core walkways and key traffic management features
- Environmental provisions
- Phase 1 build routes

Layer 5 - Overall Cradle to grave execution plan depicting the following:

- Route to Build
- Haul Roads
- Build Breaks
- Road Phasing
- Key Environmental controls

Layer 6 - Exit Strategy depicting the following:

- Exit strategy compound position
- Exit strategy storage position
- Exit strategy storage position
- Detailed final build route

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

02 RISK ASSESSMENT



Version Control	Date
V2.2	April 2025

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Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction and SHE Director	01.04.2025

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1. Introduction and Scope

1.1 *Introduction*

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document located on DocuShare.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> **The Primary SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 *Scope of the Barratt Redrow Standards that must be followed*

This document covers:

- Risk assessment.

2. SHE Policy and Controls

The SHE Policy states:

- All work activities must have a risk assessment that is undertaken.
- Contractors Safe Systems at work (SSOW) must be reviewed before commencement of work on site.
- All workers to be briefed by their Supervisor on the content of the safe system of work

The Primary SHE Controls are:

- SHE Form 73 is required to be populated with the details of all risk assessments.
- Risk assessments should be recorded on SHE Form 54 and SHE Form 15 (Method Statement Proforma high risk activities) for activities undertaken by persons directly employed by the Group.
- SHE Form 14 is required to be completed by a competent member of the site team but must be approved by the senior member of the Site Management team prior to work commencing.
- Evidence of briefing must be available for review prior to workers commencing on site
- Safe Systems of Work should be reviewed every 12 months by the site management to ensure the controls remain relevant.
- SHE Form 73 completed to confirm contractor's safe systems of work have been reviewed.

The SHE Relationship states:

- SHE Form 73 Safe System of Work Index
- SHE Form 54 Generic Risk Assessment
- SHE Form 15 Method Statement Proforma
- SHE Form 14 Safe System of Work Evaluation

3. Risk Assessment

1.0 Introduction

Risk assessment is a legal requirement under the Management of Health and Safety at Work Regulations. In addition, topic specific assessments are required by associated legislation such as fire, manual handling, display screen equipment, substances hazardous to health, noise, young persons, new and expectant mothers and provision and use of work equipment.

Risk assessments do not have to be complicated; the level of detail contained in them should be relevant to the level of the risks involved with the activity. In many cases a risk assessment will lead to the clarification and documenting of procedures that are often already in place. The analytical process involved with risk assessment and control can also result in efficiencies in existing processes being identified.

Risk assessments can also assist in the identification of requirements for, and levels of, instruction, information, training and supervision that may be required for the activity.

2.0 Specific Risk Assessments

The Occupational Safety, Health and Environmental system contains references and requirements for risk assessment. Policies for control of specific risks have been evaluated and where reasonably practicable control measures required by the Group have been detailed in the relevant Barratt Redrow Standard associated with the function or activity. Where controls have not been detailed risk assessments will be required.

Topic specific risk assessments are detailed as follows:

Topic	Barratt Redrow Standard (BRS)	SHE Form
Manual Handling	BRS 08	SHE Form 79
Control of Hazardous Substances	BRS 10	SHE Form 72
Display Screen Equipment	BRS 11	SHE Form 23
Temporary Works	BRS 18	SHE Form 95
Young Persons	BRS 22	SHE Form 25
Sales Centres	BRS 23	SHE Form 07
Customer Services	BRS 24	RA 06
New and Expectant Mothers	BRS 25	SHE Form 82
Fire	BRS 32	SHE Form 100
Contractors Safe Systems of Work	BRS 36	SHE Form 14
Sustainable Drainage	BRS 01	SHE Form 86
General Risk	Various	SHE Form 54
High risk or complex activities	BRS 36	SHE Form 15
Noise		SHE Form 56
Home Workers	HR Procedure	SHE Form 74

3.0 Group Specific Risk Assessments

The Group has provided assessments on SHE Form 54 and SHE Form 15 for activities undertaken by persons directly employed by the Group. These should be reviewed and adopted by the site or function by the Site/Line Manager and briefed to those who are directly affected.

These assessments are located on Docushare – SHE Polices and Procedures – Risk Assessments.

4.0 Definitions

For the purpose of this policy the following definitions apply:

- **Hazard:** Something with the potential to cause harm
- **Risk Rating:** The overall judgement of the level of risk which may arise from the hazard, based upon the likelihood of the event occurring and the potential severity of the consequence
- **Control Measures:** Method used to reduce or control risks arising from identified hazards
- **Residual Risk:** The level of risk remaining once control measures have been applied to reduce risks so far as is reasonably practicable

5.0 SHE Form 54 – Risk Assessment

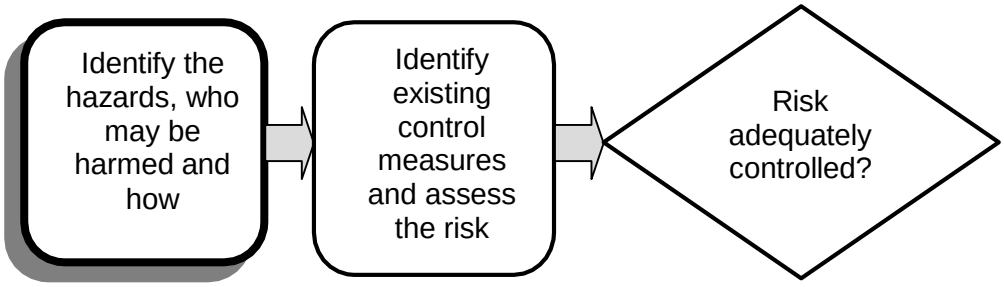
5.1 Introduction

This assessment form **(SHE Form 54)** can be utilised to assess work activities of employees which are not considered to be high risk or complex or which would require a significant degree of sequencing. Where this is the case, a review should be undertaken via SHE Form 15 – Method Statement Pro-forma.

However, the process detailed below will assist with the identification of hazards and evaluation of risk for all work activities.

5.2 Hazard Identification

Whenever possible adopt an approach to risk assessment that involves employees who have practical experience of the activity being assessed, as they often have the best awareness and understanding of the hazards involved with the activity and know how the activity is actually carried out.



All hazards associated with each activity and all groups of persons which may be exposed to those hazards should be identified. Hazards can arise from the use of materials, substances, equipment and the location that the activity is carried out in.

To assist in hazard identification:

- Observe the task to be assessed and the environment that it is to be carried out in, to identify what occurs.
- Speak to and involve the persons who undertake the task
- Refer to any existing risk assessments.
- Review incident and ill-health records relevant to the activity.

Refer to legislation, supporting approved codes of practice and Health and Safety Executive (HSE) guidance documents, British Standards, industry / trade association guidance, manufacturers / supplier information

Persons who may be exposed to the hazards can include employees, contractors, delivery drivers, visitors and members of the public etc.

A list of hazards with the potential to cause harm has been provided on the form. This is not an exhaustive list but can be added to expand upon in order to ensure that the risk have been adequately addressed.

5.3 Risk Evaluation and Estimation

Once hazards associated with activities have been identified, it becomes necessary to establish what the potential hazardous outcomes or events could be associated with the hazard.

When identifying who could be harmed, identify how they could be harmed.

Consider: **Who** could be harmed? **By What**? and **How?**

The next stage is to examine **the likelihood** of a hazardous event occurring.

Once likelihood has been determined the probable **severity** of the hazardous event, should be considered. Consequences can be considered in terms of severity of potential injury.

Likelihood	
Rating 1	Very Unlikely
Rating 2	Unlikely
Rating 3	Likely
Rating 4	Very Likely
Rating 5	Almost Certain

Severity	
Rating 1	No injury
Rating 2	Minor injury or illness
Rating 3	7 day injury or illness
Rating 4	Major injury or illness
Rating 5	Fatality

This risk evaluation process helps to determine the significance of the risks associated with the hazards. The number of people who may be affected by a hazard is a relevant consideration during risk estimation.

Severity						
5	5	10	15	20	25
4	4	8	12	16	20
3	3	6	9	12	15
2	2	4	6	8	10
1	1	2	3	4	5
	1	2	3	4	5
	Likelihood				

The matrix above should be utilised to evaluate the level of risk

Risk assessment is the overall judgement of the level of risk arising from the hazard, based upon the **likelihood** of the hazard occurring and the potential severity of the **severity**, taking into account existing risk control measures that are already established to be placed to reduce / control the risk. Using the risk matrix as a guide, the level of risk should be assessed to identify the **risk rating**.

The table below provides additional guidance on the categories detailed in the tables above.

Likelihood	**Description**
Almost certain	Expected to occur in most circumstances.
Very Likely	Will probably occur in most circumstances.
Likely	Might occur at some time.
Unlikely	Not expected but conceivable, could occur sometime.
Very Unlikely	Not expected and would only occur in exceptional circumstances.
Severity	**Description**
Fatality	Fatality or multiple fatalities due to injuries. Severe illness which may prove fatal.
Major injury or illness	An injury arising from work activities detailed in the RIDDOR Regulations as reportable e.g., fracture to arm or leg, amputation of an arm, hand, finger or loss of consciousness caused by a head injury.
7-day injury or illness	Over 7-day injury arising from work activities resulting in the injured party being absent from work or unable to undertake their duties for over 7 days (not including the day of the accident).
Minor	Injury resulting in an absence from work or being unable to undertake normal duties for <7days.
No Injury	No potential injury

Once the matrix has been used to determine the risk rating it is then possible to use the table below to establish the appropriate actions required.

Risk Rating		
11 - 25	Unacceptable	Element of the work should not be started or continued until the risk has been reduced. Additional risk control measures required.
5 -10	Further Review	Often risks can be reduced by improving controls. Risks may be acceptable in situations where consequences are potentially medium, but the likelihood of incidence has been reduced significantly.
1 - 4	Low	Low risks are acceptable unless there are low-cost solutions which removes the risk and improves the working environment.

5.4 Risk Control Measures

Suitable and sufficient risk control measures should be identified and implemented to ensure that all risks are appropriately controlled to prevent injury, ill health and to comply with legislative requirements. All risk control measures will follow the hierarchy of risk control stated in 5.5.

Risk control measures are methods used which reduce/control risks arising from the hazard.

Control measures must consider any relevant legal requirements which establish the minimum levels of risk control. Where additional control measures are required to reduce the risk, they should be considered according to the order in the following hierarchy of risk control which, as well as being in order of effectiveness to control risks, is also in order of the minimum amount of managerial effort required to maintain them.

5.5 Hierarchy of risk control

When considering control measures consider the hierarchy of control as follows.

Hierarchy of risk control	
Eliminate the risk	Avoid the risk altogether by removing the hazard or no longer undertaking the activity.
Substitute the risk	Reduce the risk by replacing the hazard or activity with one which entails a lower risk.
Control the risk (physical)	Control the risk by physical isolation or separation of people from the hazard.
Control the risk (procedural)	Control the risk by procedural methods which are understood and effectively implemented; safe systems of work, information, training, instruction, supervision, etc.
Protect the Individual	Protect the individual by the provision of personal protective equipment.

When considering additional control measures, it should be ensured that they will not introduce any new hazards.

When the control measures have been identified and agreed they should be implemented and monitored to ensure they are effective.

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

05 ACCIDENT, INCIDENT, ENVIRONMENTAL AND MANDATORY OCCURRENCE REPORTING



Version Control	Date
V3.2	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
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1. Introduction and Scope

1.1 Introduction

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1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Accident, incident and environmental reporting.

2. Definitions

The following definitions are to give clarity on different types of safety events, from positive interventions through to more serious injuries. These definitions are to be used when reporting an event onto Logincident.

Category 1 Accident/Incident	This category is for fatal accidents.
Category 2 Accident/Incident	This category is for all RIDDOR Reportable Injuries, Dangerous Occurrences (RIDDOR), Occupational Diseases (RIDDOR) and Serious Environmental Incidents.
Category 3 Accident/Incident	This category is for all Damage Only Incidents.
Category 4 Accident/Incident	This category is for Minor Injuries and Minor Environmental Incidents, and Near Misses.
RIDDOR	Reporting of Injuries, Diseases and Dangerous Occurrences Regulations
Fatal Accident	Any accident which results in the death of one or more person(s) arising from a work activity. **NOTE** – this would **not** include death from natural causes, existing medical conditions, or any other cause not arising from a work activity.
RIDDOR Reportable Injuries	As defined by RIDDOR, this includes: **Specified Injury (RIDDOR)** - An injury arising from work activities detailed in the RIDDOR Regulations as reportable e.g., fracture to arm or leg, amputation of arm, hand or finger or loss of consciousness caused by head injury. **Over 7-Day Injury (RIDDOR**) - An injury arising from work activities resulting in the injured party being absent from work or unable to undertake their normal duties for over 7 days (not including the day of the accident). **Member of the Public (RIDDOR)** - An injury arising from work activities resulting in a member of the public sustaining an injury that requires them to be taken immediately from the site of the accident to a hospital for treatment in respect of that injury.
Dangerous Occurrence (RIDDOR)	Any incident which does not result in an injury but is defined as a Dangerous Occurrence in the RIDDOR Regulations e.g.: • Collapse of a substantial part of scaffolding more than 5 metres in height. • Collapse, overturning or failure of any load-bearing part of any lifting equipment, other than an accessory for lifting. • Plant or equipment coming into contact with overhead power lines etc.
Occupational Diseases (RIDDOR)	A disease listed in the RIDDOR Regulations, e.g., Carpal Tunnel Syndrome where the person's work involves regular use of percussive or vibrating tools, Hand Arm Vibration Syndrome.
Serious Environmental Incident	An event which causes serious environmental harm and/or is a breach of legislation, including notification (letter or email) from an enforcement authority (EA, NRW, Local Authority, Natural England,

	etc.) confirming a fine or prosecution due to a breach of any permit, consent, or licence (including planning consent). E.g.: • A major spillage (greater than 20 litres) of a hazardous substance and/or resulting in an uncontrolled discharge to a watercourse, a sewer and/or into permeable ground and/or resulting in serious damage to the environment. • Loss greater than 1 litre of hazardous substance onto non-hard standing in a sensitive environment. • Damage to habitat of a protected species and/or disturbance to and/or causing the death of a protected species (including TPOs). • Spread of invasive or injurious weed outside of the Construction/Office site boundary. • Silt run-off which leaves the boundary of the Construction site boundary. • Pollution originating from outside boundary of site but passing through in an uncontrolled manner, allowed to continue to pollute areas outside the site. **NOTE**: These will include Environmental incidents that occur on sites in the control of an External Principal contractor.
Damage Only Incidents	This includes: **Service Strikes** - An incident in which services (live or dead) (e.g., gas, electric, water, communications) are struck either with hand tools or plant but do not result in any injury or are not reportable as a Dangerous Occurrence, as defined in the RIDDOR Regulations. **Vehicle Collision** - An incident arising from a vehicle collision e.g., a vehicle striking another vehicle or a building, scaffolding or structure, where there is no injury sustained but at least one of the vehicles is a construction vehicle e.g., telehandler, dumper, excavator, etc. It would also include an incident involving any vehicle, including delivery vehicles, colliding with another vehicle or structure in the construction area. **Overturning Plant** - An incident when a piece of plant overturns but does not result in injury and is not a piece of lifting equipment reportable under the RIDDOR Regulations. **Fire and/or Explosion** - Any fire and or explosion which does not result in an injury and would not be reportable under the RIDDOR Regulations. **Collapsing structure** - Any collapsing structure e.g., blow down of wall, where the resulting rubble is less than 5 tonne and does not result in an injury and is not reportable under the RIDDOR Regulations.
Lost Time (Minor Injury)	An injury arising from work activities that causes the injured party to be absent from work or unable to undertake their normal duties for 1 to 7 days (not including the day of the accident) and which is not a Specified Injury as defined in the RIDDOR Regulations.

No Lost Time (Minor Injury)	An injury which is either self-treated, receives first aid or medical attention but is not a Specified Injury as defined in the RIDDOR Regulations, and the injured party would be able to return to work immediately after the incident or any first aid treatment.
Member of the Public (Minor Injury)	An injury sustained by a Member of the Public arising from work activities which does not require them to be taken immediately from the scene of the accident to a hospital for treatment in respect of that injury.
Minor Environmental Incident	An event which causes minor environmental harm and has the potential to lead to a major incident if not controlled and managed. Also, any warning notification (letter or email) received by an enforcement authority (EA, NRW, Local Authority, Natural England, etc.) due to a **potential** breach of any permit, consent, or licence (including planning consent). E.g.: • Loss of up to 20 litres of hazardous substance onto hard standing in a non-sensitive environment. • Loss of up to 1 litre of hazardous substance onto non-hard standing in a sensitive environment. • Finding/identifying protected habitat/species or invasive/injurious weeds after work starts. • Spread of invasive or injurious weed but contained within the Construction/Office site boundary. • Pollution originating from outside the boundary of the site, but controlled and managed to prevent onward pollution. • Contaminated land identified not previously aware of.
Building Safety Occurrence	A building occurrence is an incident in a higher risk building (at least 18m in height or has at least 7 storeys) involving, or risk that could cause. • structural failure, which poses a risk to people in and around the building • the spread of fire or smoke, which poses a risk to people in and around the building. If it meets the criteria of what must be reported to the Building Safety Regulator (BSR), a mandatory occurrence report must be submitted. Examples of building safety occurrences that should meet the criteria of what must be reported to the (BSR) include: • defective building work, including defective competent person scheme work that has been done as part of the wider building work • fire safety issues likely to result in the spread of fire • the use of non-compliant products or incompatible compliant products in the construction of the building • inappropriate or incorrect installation of construction products • product failure against specification and claimed performance
External Principal Contractor Incidents	When an accident/incident occurs and is reported by an External Principal Contractor appointed by Redrow and working on a Redrow owned site.

Near Miss	A near miss is an unplanned event that had the potential to cause either injury to a person, damage to plant and equipment or harm to the environment that may have led to business interruption during a day-to-day activity whilst at work.
Positive Observation	A positive observation of process or wok activity, where Industry best practice, Barratt Redrow Standard procedures or Contractors approved safe system of work are being achieved or substantially exceeded.
Medical Incident	This is an incident involving a medical event e.g., heart attack, epilepsy, asthma attack but which is not caused by a work activity.
Legal Privilege	This entitles a party to withhold evidence from production to a third party or the court. This evidence may be either written or oral.

3. Types of Reportable Incidents (Reporting of Injuries, Diseases and Dangerous Occurrences Regulations – RIDDOR)

Some Incidents may also be reportable to the HSE under the RIDDOR regulations. These are detailed below:

The death of any person

All deaths to employees/subcontractors and non-workers, with the exception of suicides, must be reported if they arise from a work-related accident, including an act of physical violence to an employee/subcontractor.

Specified injuries to workers (see HSE website for full list and full clarification)

- Fractures, other than to fingers, thumbs and toes
- Amputations
- Any injury likely to lead to permanent loss of sight or reduction in sight
- Any crush injury to the head or torso causing damage to the brain or internal organs
- Any burn injury (including scalding) which:
    - Covers more than 10% of the whole body's total surface area or
    - Causes significant damage to the eyes, respiratory system or other vital organs
- Any scalping requiring hospital treatment
- Any loss of consciousness caused by head injury or asphyxia
- Any other injury arising from working in an enclosed space which:
    - Leads to hypothermia or heat-induced illness
    - Requires resuscitation or admittance to hospital for more than 24 hours

Members of public

Injuries to members of the public or others who are not at work must be reported if they result in an injury and the person is taken directly from the scene of the accident to hospital for treatment to that injury. Examinations and diagnostic tests do not constitute 'treatment'. Where a member of public is taken to hospital as a precaution, when no injury is apparent, this is not reportable.

Dangerous Occurrences

The list below is not exhaustive but is the most commonly reportable dangerous occurrences:

- Lifting machinery – failure, overturning
- Pressure systems – failure of components/whole system
- Overhead electric lines – contact or discharge from lines over 200 volts
- Any electric short circuit – fire or explosion, 24-hour shutdown, potential for death
- Biological agents – possibility of release and severe human illness
- Breathing apparatus – failure immediately before/during use
- Collapse of scaffold – over 5 metres high/adjacent to water
- Collapse of building/structure – unintended collapse/partial collapse
- Explosion or fire – stopping normal work for 24 hours or more
- Escape of flammable substances – various from 10kg
- Escape of substances – likely to cause death, major injury, ill health

Over seven-day incapacitation of a worker

Injuries where they result in an employee or self-employed person being away from work, or unable to perform their normal work duties, for more than seven consecutive days as the result of their injury. This seven-day period does not include the day of the accident but does include weekends and rest days.

4. Environmental Incidents to be reported to the Environmental Agency, Natural Resources Wales or Scottish Environmental Protection Agency

The following incidents must be reported to the relevant authority:

- Damage or danger to the natural environment
- Pollution to water or land Poaching or illegal fishing
- Dead fish or fish gasping for air
- Watercourses blocked by a vehicle or fallen tree causing risk of flooding
- Flooding from main rivers or the sea
- Illegal dumping of hazardous waste or large amounts of industrial waste
- Illegal removals from watercourses
- Unusual changes in river flow
- Collapsed or badly damaged river or canal banks

5. Internal recording of Safety, Health and Environmental Incidents and Interventions

The Policy states:

All Safety Health and Environmental Incidents/interventions detailed in the definitions, (section 1) must be recorded/reported by the relevant Line manager or Site Management on Logincident.

The Primary Control is:

SHE Managers will be allocated to Operating units/Divisions and will receive notifications of any reports submitted on Logincident which relate to their allocated Divisions. The SHE Managers must review all reports submitted and evaluate what additional action must be taken. Where required further investigations and complying a report may be required.

If an Injury/Incident is reported in an office, the Office Manager must complete a SHE Form 11 and send it to the Group SHE Administrator who will upload the information onto Logincident.

If an Injury/Incident is reported in a Sales Centre, SHE Form 11 must be completed by the Sales Manager and sent to the Group SHE Administrator.

Reports on Logincident must be reviewed and closed out by the following roles:

Incident Type	SHE Team Action	Action by others
Incident	Review, add notes, close-out	
Injuries	Review, add notes	Close-out by SHE Administrator only
Lost Time Injuries	Review, add notes	Close-out by SHE Administrator only
Near Miss	Review, add notes, close-out	
Non-Conformance	Review only	Division to close-out
Dangerous Occurrence	Review, add notes, close-out	
Positive Observation	Review only	Close-out by Group Head of SHE only
Environment Agency Visit	Review, add notes, close-out	
Environmental Incident	Review, add notes, close-out	
Service Strike Reports	Review, add notes, close-out	

The Relationships are:

Logincident User Guide

6. Statutory Reporting of Health and Safety Injuries or Incidents

The Policy states:

Where an incident falls into one of the categories defined in the Reporting of Injuries, Diseases and Dangerous Occurrence Regulations, notification must be provided to the Health and Safety Executive or Local Authority (Enforcing authority).

The Primary Controls are:

If there is a reportable incident involving a direct employee/labour only worker/individual supplied by an agency or if the Group are deemed 'in control of the premises' the notification to the enforcement authority will be undertaken by the Divisional SHE Manager.

If reportable incident involves an injury to an employee of a contractor, the employer they must notify the incident. If they cannot provide evidence that the report has been made or written confirmation that the incident was not reportable, the Divisional SHE Manager will carry out the notification.

At the end of each financial year the reportable incidents per Division will be provided to the Divisional Managing Director and Divisional SHE Manager to provide verification that it is an accurate record, as far as they are aware, of the incidents that have occurred. The verification process will be managed by the Group Head of SHE.

Reports to the HSE must be undertaken as follows for Fatalities, Specified Injuries, Dangerous Occurrences and Members of the Public:

- notification to the relevant enforcing authority of the reportable incident by the quickest practicable means without delay; and
- a report of that incident in an approved manner to the relevant enforcing authority within 10 days of the incident.

Injuries must be reported where they result in an employee or self-employed person being away from work, or unable to perform their normal work duties, for more than seven consecutive days as the result of their injury. This seven-day period does not include the day of the accident, but does include weekends and rest days.

- The report must be made within 15 days of the accident.

A review of all reportable incidents will be undertaken at the monthly Divisional Board Meeting and the details provided by the SHE Manager on SHE Form 13.

Details of all reportable incidents will be collated by the Group SHE Administrator who will maintain a central record.

A summary of the reportable injuries recorded each month will be provided to the Group Board in a report compiled by the Group Construction and SHE Director/Group Head of SHE.

7. Accident, Incident and Environmental Investigations

The Policy states:

Where an incident is deemed Reportable under RIDDOR or the incident is deemed such that an investigation is required, the Divisional SHE Manager (or other appointed member of the SHE team) is responsible for ensuring an investigation and report is completed under the direction of the Group Head of SHE.

The Primary Controls are:

Investigation reports should be completed within 4 weeks of the incident occurring. If an extension to this is required, it must be approved by the Group Head of SHE. The report will remain private and confidential and only distributed to the Group Head of SHE or the Group Construction and SHE Director.

The Group will collate and review Reportable Injury data and will regularly publish its overall Injury Incidence Rate

There may be some investigations where it will be considered necessary to involve Legal Counsel to support the investigation and to invoke legal privilege. This will be arranged by either the SHE Manager or the Group Head of SHE.

An investigation report will consider the following but other relevant information may be required. Any learning which is established resulting from an incident will be clearly defined and an action plan developed and retained by the Division.

- Where there is a serious occurrence on site and where practicable the incident / accident location must be left undisturbed
- Retain the original documents. The SHE Manager must be the only person to receive a copy of the documents (colour where applicable)
- Site Plan of incident location, photographs of incident/accident location and SHE Form 20 Witness Statement/s
- Copy of the site signing in book, electronic record from the Induction QR code or site security turnstile record.
- Contractors risk assessments and method statement including SHE Form 14 Method Statement Review, SHE Form 73 Safe System of Work Index and operative briefing signature sheet, where applicable
- Copy of Site Rules, Induction Records and CSCS / CPCS cards for those involved in the incident
- Contractors Investigation Report, where applicable
- Record if Hospital Attendance Sheet / Doctors Note

- Barratt Redrow plc or Contractors HSE RIDDOR notification and injured persons Fit for Work Note

- Three Contractors Safety Inspection Reports prior to incident for contractor/s involved in incident / accident

- Three SHE Managers SHE Inspection Reports, three Site Managers SHE Form 29 Safety Tours and five days of SHE Form 16 Site Managers Diary - all prior to the incident.

- Copy of Sub-Contract order for Contractor/s involved in the incident (page 1 and extract on health and safety only)

- Copies of three SHE Briefings / Toolbox Talks prior to incident

- Additional information may be requested by the Divisional SHE Manager as required

On completion of the Accident/Incident Investigation Report an Accident/Incident Action Plan should be issued to the Division which highlights the SHE Managers findings and any Recommendations. The Divisional Representatives should ensure that the SHE Managers Recommendations are “Closed Out” and a signed/dated copy of the actioned Accident/Incident Action Plan should be sent to the Construction Secretary, so that it can be retained at the Divisional Office.

8. Reportable Injury Incidence Rate

Reportable injuries are those as defined by the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR).

All RIDDOR injuries are included in our statistical information where incidents occur in premises under our control, i.e. offices, sales centres, and where we are defined as Principal Contractor under the Construction (Design and Management) Regulations.

The average number of persons employed is calculated monthly and is defined as:

- The average number of people directly employed
- The average number of contractors and agency staff working on our sites (Monday to Friday). The following are not included in the average number of persons:
    - Visitors to site
    - Members of public
    - Delivery drivers
    - Operatives on site where we are not defined as Principal contractor (Client only sites)

The data for the average number of persons is collated by Group Finance using the following information:

- Monthly return via Group Payroll on directly employed persons
- The number employed on our construction sites are recorded daily by site management (SHE Form 16)
- Data provided by Oregon Timber Systems

The calculation for Total Subcontractor hours is: Subcontractors on weekdays[1] * 8 hours + Subcontractors on weekend days * 5 hours [1] excludes bank holidays

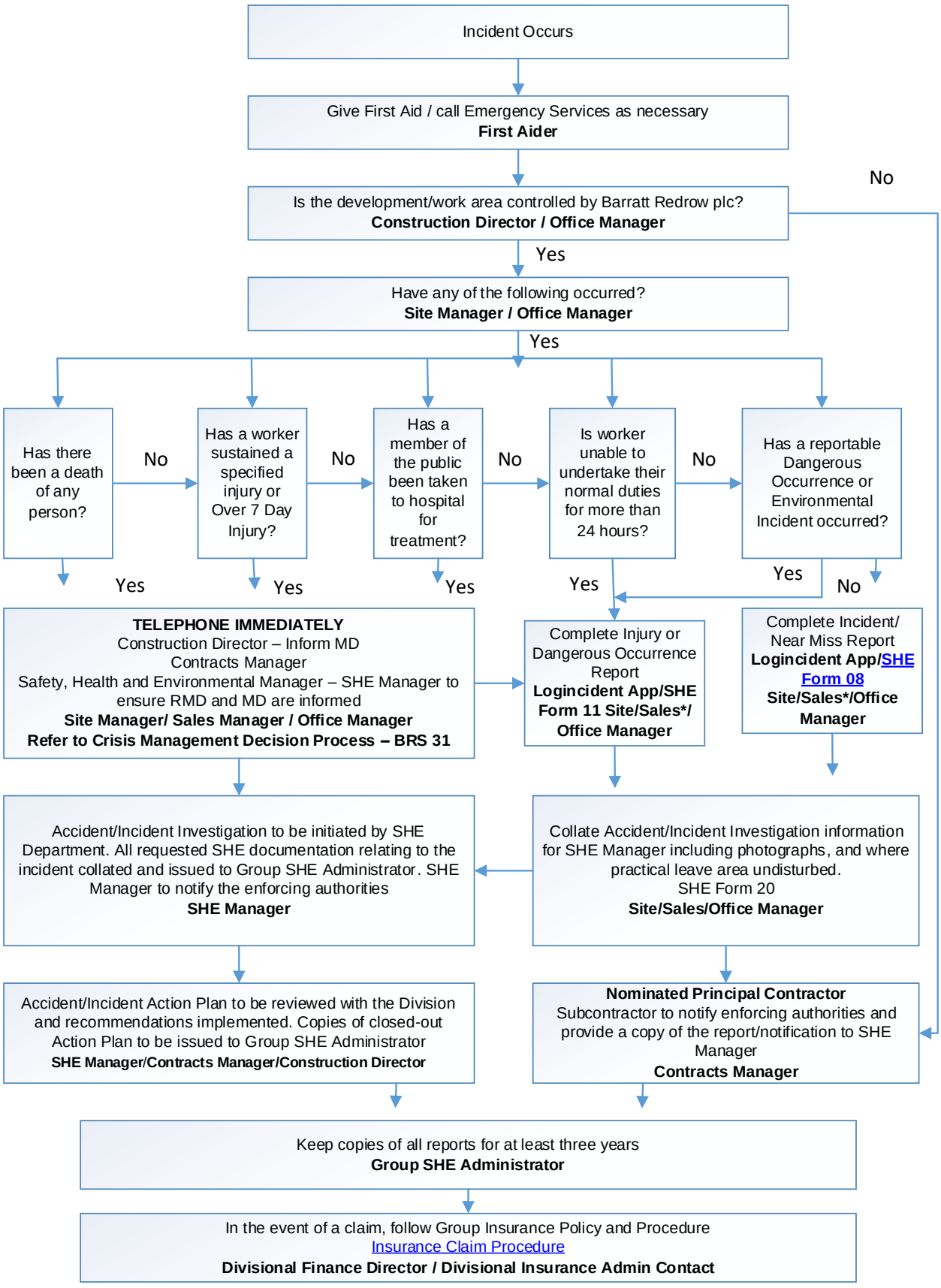
The calculation for Average subcontractors in the month is: Total Subcontractor hours / Working days[1] / 8 hours [1] excludes bank holidays

The monthly average number of subcontractors are then analysed over the period to obtain an average. The total subcontractor hours are added to the average staff figures for the period (monthly figures obtained from HR), giving a Total Average Employed.

Injury Incidence Rate is calculated as follows:

$$\text{Incidence Rate} = \frac{\text{RIDDOR Injuries}}{\text{Average persons employed}} \times 100{,}000$$

Group Finance are responsible for collating the Injury Incidence Rate based on the injury data provided by the Group Head of SHE.



* If an incident occurs where access to the Logincident App is not available, complete SHE Forms 08/11 via Docushare and email a copy to the Divisional SHE Manager who will forward to the SHE Administrator.

9. Building Safety Act – Mandatory Occurrence Reporting

The Policy states:

Building Safety Occurrences must be reported to the Building Safety Regulator

A mandatory occurrence notice, and report must be made when a safety occurrence has caused, or is likely to cause:

- the death of a significant number of people
- serious injury of a significant number of people

A safety occurrence is an incident involving, or a risk that could cause:

- structural failure of the building
- the spread of fire or smoke in the building

A safety occurrence is something which if not remedied, could cause serious harm to people when the building is in use.

A report must be submitted even if the safety occurrence is remedied immediately. The only exception is if we remedy issues to ongoing building work, which are unlikely to risk significant numbers of death or serious injury.

The Primary Controls are:

Where BDW Trading Ltd is deemed Principal Designer and/or Principal Contractor we must submit mandatory occurrence notices and reports, during:

- construction of a new higher-risk building
- work on an existing higher-risk building, including work that causes it to stop being a higher-risk building
- work on an existing building that will make it a higher-risk building

A higher-risk building has at least:

- 7 storeys or is at least 18 metres high
- 2 residential units or is a hospital or a care home

Building Safety Occurrences must be reported as soon as possible when an incident occurs, or a risk is discovered and a full report is submitted to the Regulator within 10 days of the incident occurring or the risk being discovered.

Reports must be agreed with the Group Construction and SHE Director and the Group Head of Legal before being submitted.

The report must detail:

- the mandatory occurrence notice reference number
- the building registration application reference or address if the building is occupied
- the building control application reference number if the building is in design or construction and construction work has started
- contact details, the name of our organisation and its involvement in the building
- the incident or risk being reported and when and how we became aware of it
- what happened, or has the potential of happening
- who is involved and the effect on them
- what has been done and plan to do to keep people safe
- any supporting information, such as documents, videos or photos

Additional Guidance

Safety occurrence examples:

Some examples that could meet the criteria of what to report to BSR, include:

- defective building work, including defective competent person scheme work which is part of the wider building work
- fire safety issues likely to result in the spread of fire
- the use of non-compliant products or incompatible compliant products in the construction of the building
- inappropriate or incorrect installation of construction products
- product failure against specification and claimed performance
- faults in the design plans, caused by either design software or human error

Change control applications

If a mandatory occurrence report is submitted we may also need to make a change control application.

For example, during construction it is discovered the load points in the design plans have been miscalculated. If this is not remedied, it could cause structural failure and risks death or serious injury to a significant number of people when the building is in use.

This meets the criteria of what to report to BSR and a mandatory occurrence notice and report must be submitted.

To correct the plans, we must also submit a change control application and request a major change to the building control application.

Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR)

During any building work, if someone has died or has been injured because of a work-related incident we may need to make a RIDDOR report.

If an incident is reported under RIDDOR, you must also submit a separate mandatory occurrence notice and report if the incident meets the criteria for mandatory occurrence reporting

For example, during building work, part of a building collapses and injures people. The principal contractor reports the incident under RIDDOR. The principal contractor also submits a mandatory occurrence notice and report, as the incident involves structural failure, which if not remedied risks death or serious injury to a significant number of people when the building is in use.

10. Incident Review Panel (IRP)

10.1 Scope

An IRP which would be held for significant incidents as deemed by the Group SHE Director and Group Head of SHE and chaired by the Chief Operating Officer, and this would be a sub-committee of the SHE Operations Committee.

10.2 The Aim of the IRP

IRP supports a systematic approach to the review of significant accidents where a fatality occurred, that had the potential to cause life changing injuries and environmental incidents that had an irreparable impact and affected our moral and legal obligations.

The incident review panel will review the incidents with the aim of answering the following questions:

- Has the incident investigation established the root cause to the incident
- Will the corrective actions prevent reoccurrence
- What further actions are required across the wider business?

The meeting will be chaired the Chief Operating Officer and there would be the following in attendance:

- Group Construction and SHE Director and the Group Head of SHE
- Relevant Regional Managing Director
- Relevant Managing Director and Construction Director who will lead on providing an overview and learning outcomes
- SHE Manager responsible for the investigation
- Representatives from Technical and other Business areas, depending upon the nature of the incident.

10.3 Process

- The Managing Director and Construction Director will be expected to give an overview of the investigation findings and actions taken, presented on a standardised template.
- This template will be circulated ahead of the meeting enabling the attendees to be briefed on details prior to the review discussions.
- There may be instances where an incident is under legal privilege. In this instance, legal counsel will be sought on what information can be shared, but this should not prohibit a business review to establish if there are wider actions that need to be taken to prevent reoccurrence.
- Meeting minutes will be issued to the same distribution list for the SHE Operations Committee.
- Action logs will be tracked through the SHE Operations Committee.

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

06 MONITORING, REPORTING & AUDITING OF SAFETY HEALTH & ENVIRONMENTAL STANDARDS



Version Control	Date
V3.2	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction and SHE Director	01.04.2025

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2. Monitoring, Reporting and Auditing of Safety, Health and Environmental Standards 5

1. Introduction and Scope

1.1 Introduction

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document located on DocuShare.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> **The Primary SHE Control is:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director, (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Monitoring, reporting and auditing of safety health and environmental standards within the Group's homebuilding Divisions, and offices.

2. Monitoring, Reporting and Auditing of Safety, Health and Environmental Standards

The SHE Policy states:

The Group will have defined monitoring, reporting and auditing processes in place which comply with the requirements of ISO 45001 and ISO 14001, and provides governance for SHE within the business.

The Primary SHE Controls are:

SHE Governance

- Overall Group performance is reviewed at the SHE Board Committee twice per year and implementation of the continuous improvement strategy is managed by the SHE Operations Committee which is held at least quarterly.

SHE Monitoring

- Divisional Safety, Health & Environmental Managers conduct monitoring visits, at least every four weeks, to each development. This comprises:
-
  I. Review of documentation i.e. the records to be maintained.
  II. Site based activities such as visual inspection of the development.
  III. Preparation of a report based on that visit.

Internal Audits

- Annual internal audit of the SHE standards across all operational units will be undertaken by Group Safety, Health & Environmental team.

External Audits

- Each Division is reviewed every three years by external accreditors of the Occupational Safety, Health and Environmental Management System and its application in all operational units against the recognised international standards, listed below. An annual external review will be undertaken at Group level.

  - ISO 14001
  - ISO 45001

Further detail on specific controls for monitoring, reporting and auditing are detailed in the flowcharts below

The SHE Relationship states:

Reference should be made to the following procedure documents.

BRS 20 Supervision of Construction/Building Operations
SHE Form 10 Surface Water Management Inspection
SHE Form 10a Surface Water Management Inspection Close Out
SHE Form 12 Post Plot Completion Inspection of a Development
SHE Form 13 Divisional Board Safety, Health & Environmental Report
SHE Form 16 Site Diary
SHE Form 17 SHE Non-Conformance Report
SHE Form 18 Contracts Managers /Project Directors SHE Tour
SHE Form 29 Site Management SHE Tour

SHE Form 84 SHE Monitoring Action Plan
SHE Form 85 Office SHE Inspection
SHE Form 85a Sustainable Drainage Risk Assessment
SHE Form 112 Quarterly Sales Office Review

Additional Mandatory Controls

- All sites will be reviewed by the SHE Manager until all construction activity is completed, including public open spaces, play areas and infrastructure works. SHE monitoring shall remain as scored/rated inspections where the division remains as Principal Contractor.

- Monitoring by the SHE team will continue until work has been completed or completed satisfactorily pending adoption works for roads.

- The whole development must be reviewed with the Contracts/Project Manager prior to the SHE team ceasing regular monitoring visits, and any items identified fully actioned.

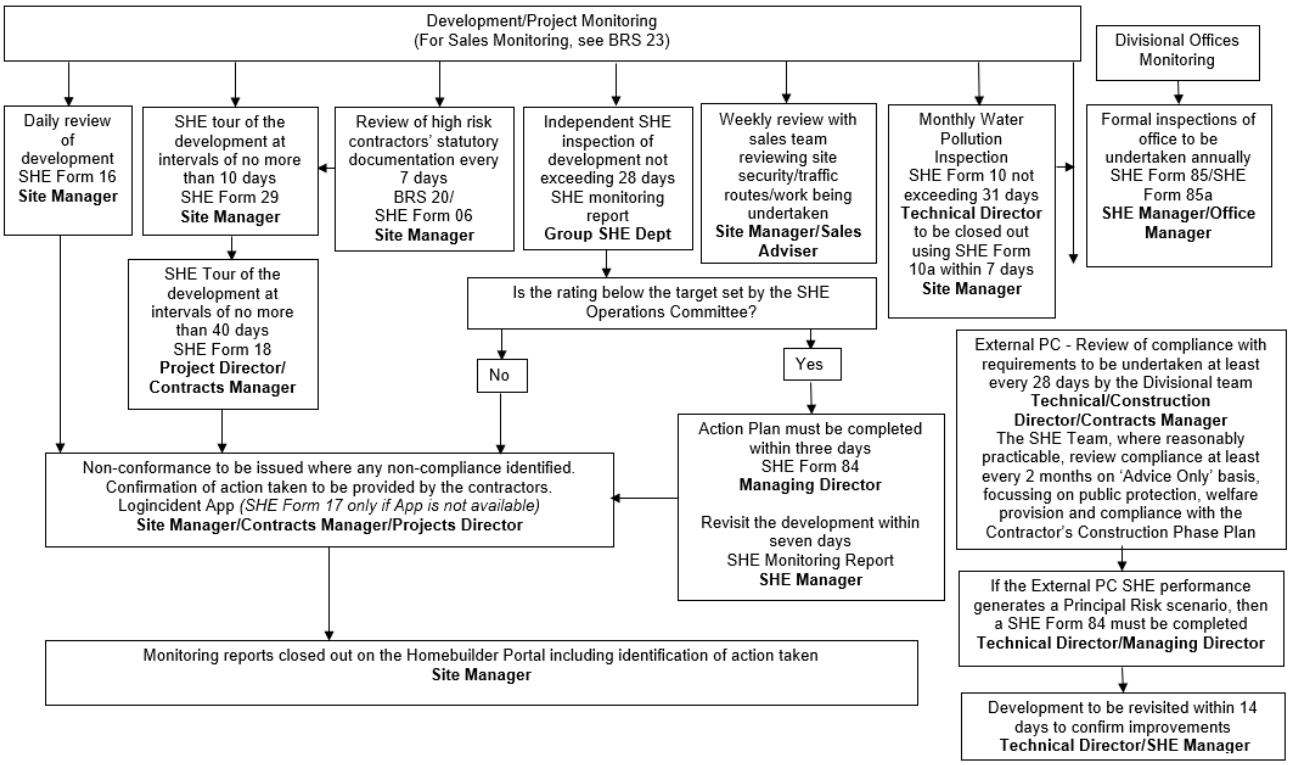
- The site H-Code should remain active on the divisional site list for update to the Divisional Board until any infrastructure works has been completed.

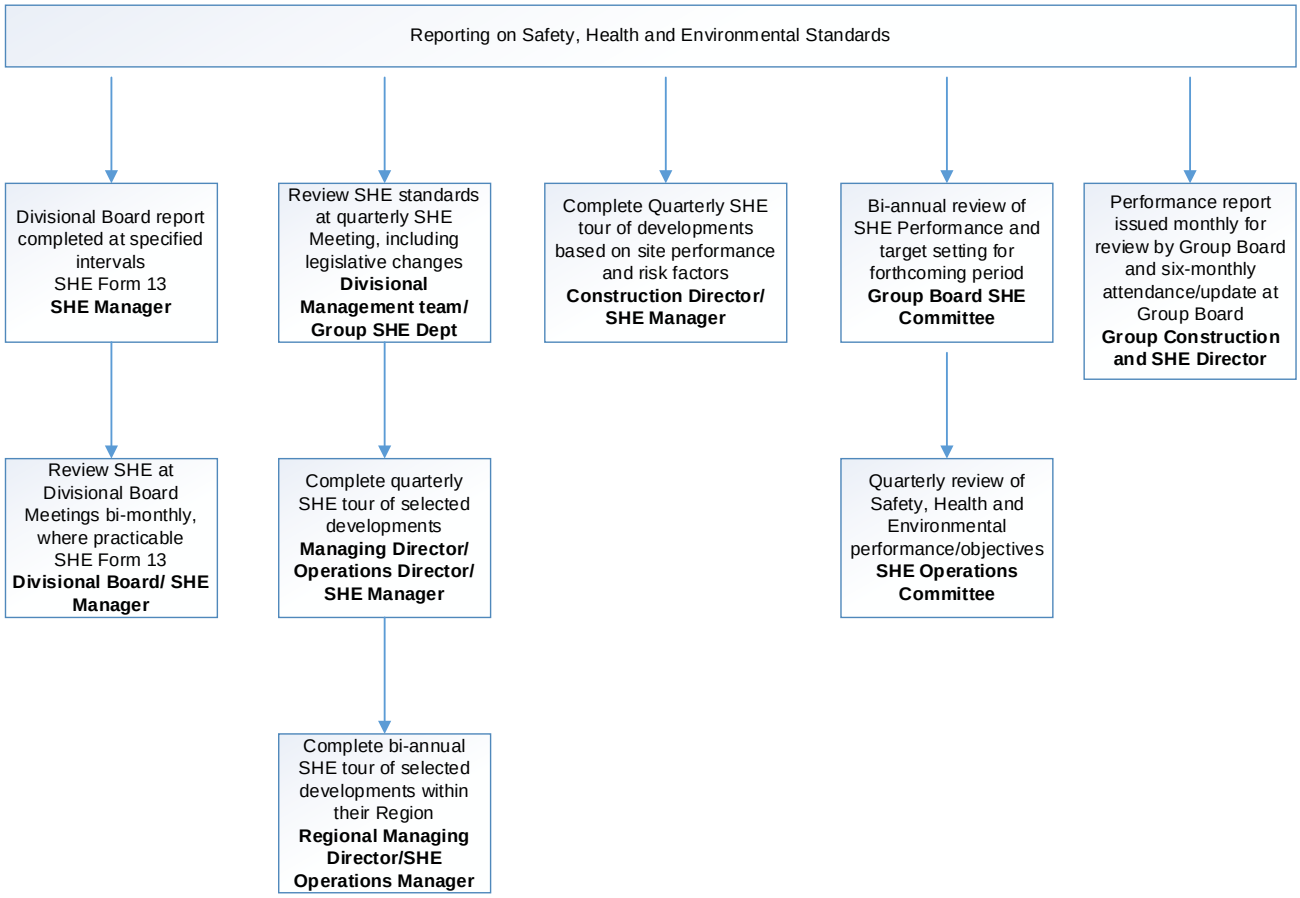
- SHE Managers will liaise with the Divisional Technical Departments to consider which sites require completion of infrastructure works. When any infrastructure works is ongoing, monitoring should be undertaken by the SHE team.

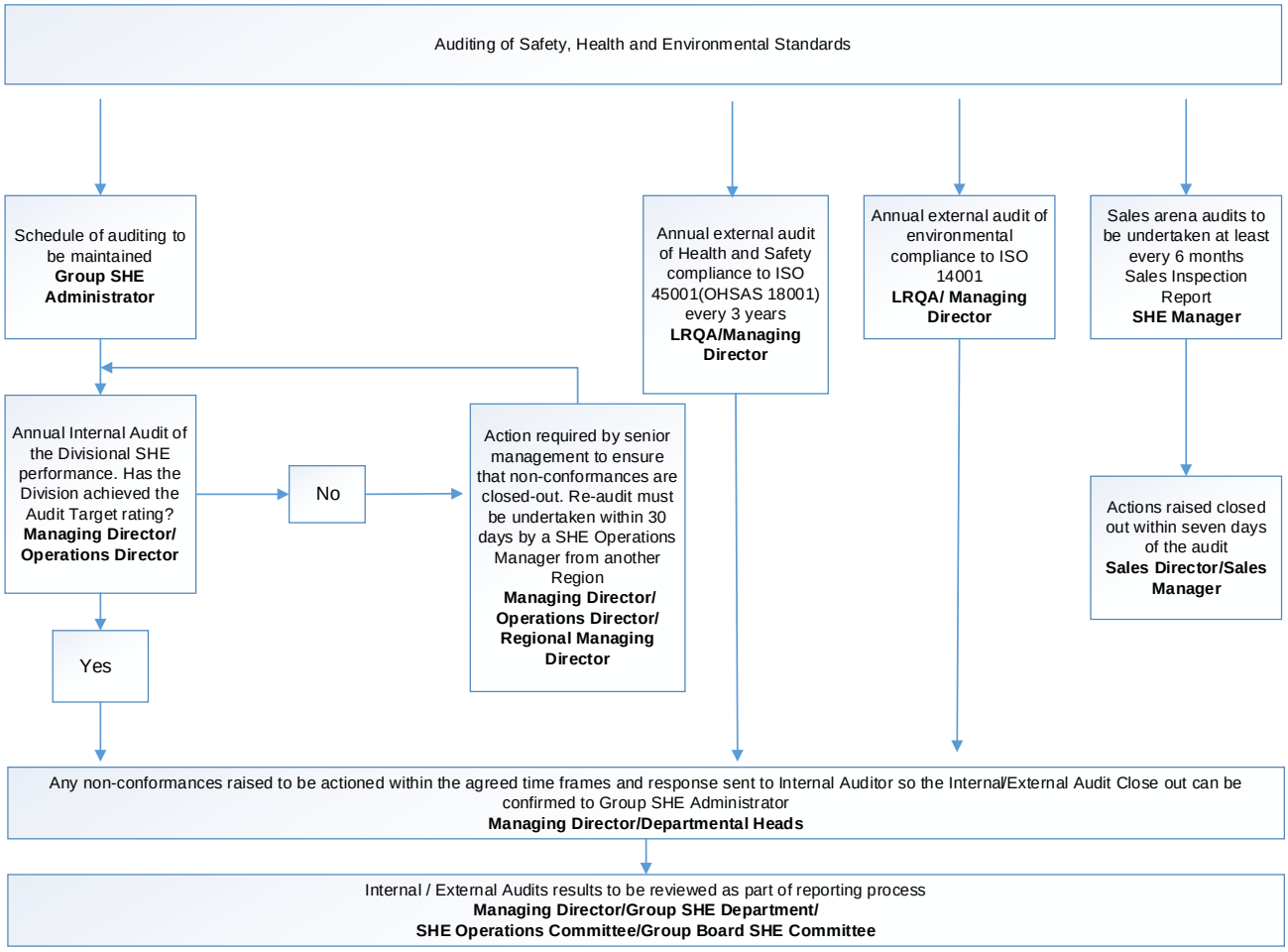
- When a development has no permanent site management (i.e. it is plot build completed) but adoption works are still required and have not been completed, a review of the development must be completed every 2 months by the Division (Technical team unless agree by Managing Director that other Dept should manage) and recorded on SHE Form 12, until work is completed.

Enforcement Agency Visits:

The senior member of the Site Team must accompany any representative from a UK enforcing agency and liaise immediately with their respective SHE Manager post the visit to discuss any recommendations. Once the visit is completed a Logincident Report must be completed and submitted at the earliest opportunity.


Development/Project Monitoring
(For Sales Monitoring, see BRS 23)
Divisional Offices Monitoring
Daily review of development SHE Form 16 Site Manager
SHE tour of the development at intervals of no more than 10 days SHE Form 29 Site Manager
Review of high risk contractors' statutory documentation every 7 days BRS 20/ SHE Form 06 Site Manager
Independent SHE inspection of development not exceeding 28 days SHE monitoring report Group SHE Dept
Weekly review with sales team reviewing site security/traffic routes/work being undertaken Site Manager/Sales Adviser
Monthly Water Pollution Inspection SHE Form 10 not exceeding 31 days Technical Director to be closed out using SHE Form 10a within 7 days Site Manager
Formal inspections of office to be undertaken annually SHE Form 85/SHE Form 85a SHE Manager/Office Manager
SHE Tour of the development at intervals of no more than 40 days SHE Form 18 Project Director/ Contracts Manager
Is the rating below the target set by the SHE Operations Committee?
No
Yes
External PC - Review of compliance with requirements to be undertaken at least every 28 days by the Divisional team Technical/Construction Director/Contracts Manager
The SHE Team, where reasonably practicable, review compliance at least every 2 months on 'Advice Only' basis, focussing on public protection, welfare provision and compliance with the Contractor's Construction Phase Plan
Action Plan must be completed within three days SHE Form 84 Managing Director
Revisit the development within seven days SHE Monitoring Report SHE Manager
Non-conformance to be issued where any non-compliance identified. Confirmation of action taken to be provided by the contractors. Logincident App (SHE Form 17 only if App is not available) Site Manager/Contracts Manager/Projects Director
If the External PC SHE performance generates a Principal Risk scenario, then a SHE Form 84 must be completed Technical Director/Managing Director
Development to be revisited within 14 days to confirm improvements Technical Director/SHE Manager
Monitoring reports closed out on the Homebuilder Portal including identification of action taken Site Manager


Reporting on Safety, Health and Environmental Standards
Divisional Board report completed at specified intervals SHE Form 13 SHE Manager
Review SHE standards at quarterly SHE Meeting, including legislative changes Divisional Management team/ Group SHE Dept
Complete Quarterly SHE tour of developments based on site performance and risk factors Construction Director/ SHE Manager
Bi-annual review of SHE Performance and target setting for forthcoming period Group Board SHE Committee
Performance report issued monthly for review by Group Board and six-monthly attendance/update at Group Board Group Construction and SHE Director
Review SHE at Divisional Board Meetings bi-monthly, where practicable SHE Form 13 Divisional Board/ SHE Manager
Complete quarterly SHE tour of selected developments Managing Director/ Operations Director/ SHE Manager
Quarterly review of Safety, Health and Environmental performance/objectives SHE Operations Committee
Complete bi-annual SHE tour of selected developments within their Region Regional Managing Director/SHE Operations Manager


Auditing of Safety, Health and Environmental Standards
Schedule of auditing to be maintained
Group SHE Administrator
Annual external audit of Health and Safety compliance to ISO 45001(OHSAS 18001) every 3 years
LRQA/Managing Director
Annual external audit of environmental compliance to ISO 14001
LRQA/ Managing Director
Sales arena audits to be undertaken at least every 6 months Sales Inspection Report
SHE Manager
Annual Internal Audit of the Divisional SHE performance. Has the Division achieved the Audit Target rating?
Managing Director/ Operations Director
No
Action required by senior management to ensure that non-conformances are closed-out. Re-audit must be undertaken within 30 days by a SHE Operations Manager from another Region
Managing Director/ Operations Director/ Regional Managing Director
Actions raised closed out within seven days of the audit
Sales Director/Sales Manager
Yes
Any non-conformances raised to be actioned within the agreed time frames and response sent to Internal Auditor so the Internal/External Audit Close out can be confirmed to Group SHE Administrator
Managing Director/Departmental Heads
Internal / External Audits results to be reviewed as part of reporting process
Managing Director/Group SHE Department/
SHE Operations Committee/Group Board SHE Committee

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

07 DEVELOPMENT INDUCTION AND SAFETY, HEALTH & ENVIRONMENTAL BRIEFINGS (SHEBs)





Version Control	Date
V3.1	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction and SHE Director	01.04.2025

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1. Introduction and Scope

1.1 Introduction

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- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Development safety, health and environmental briefings (SHEBs).

2. SHE Policy and Controls

The SHE Policy states:

- Depending on the type of personnel that attend sites (Barratt Redrow plc Site Management, all personnel, and visitors), the Site Manager is responsible for ensuring that they are all appropriately inducted in accordance with the procedure.

The Primary SHE Controls are:

- All site-based inductions are to be recorded on the induction manager platform.
- The Contracts Manager is responsible for completing a SHE 18 form monthly, which requires performing a check of 3 randomly selected people to confirm that they have been inducted as per the policy.
- Documentation behind the induction is all retained electronically on the Induction Manager App.

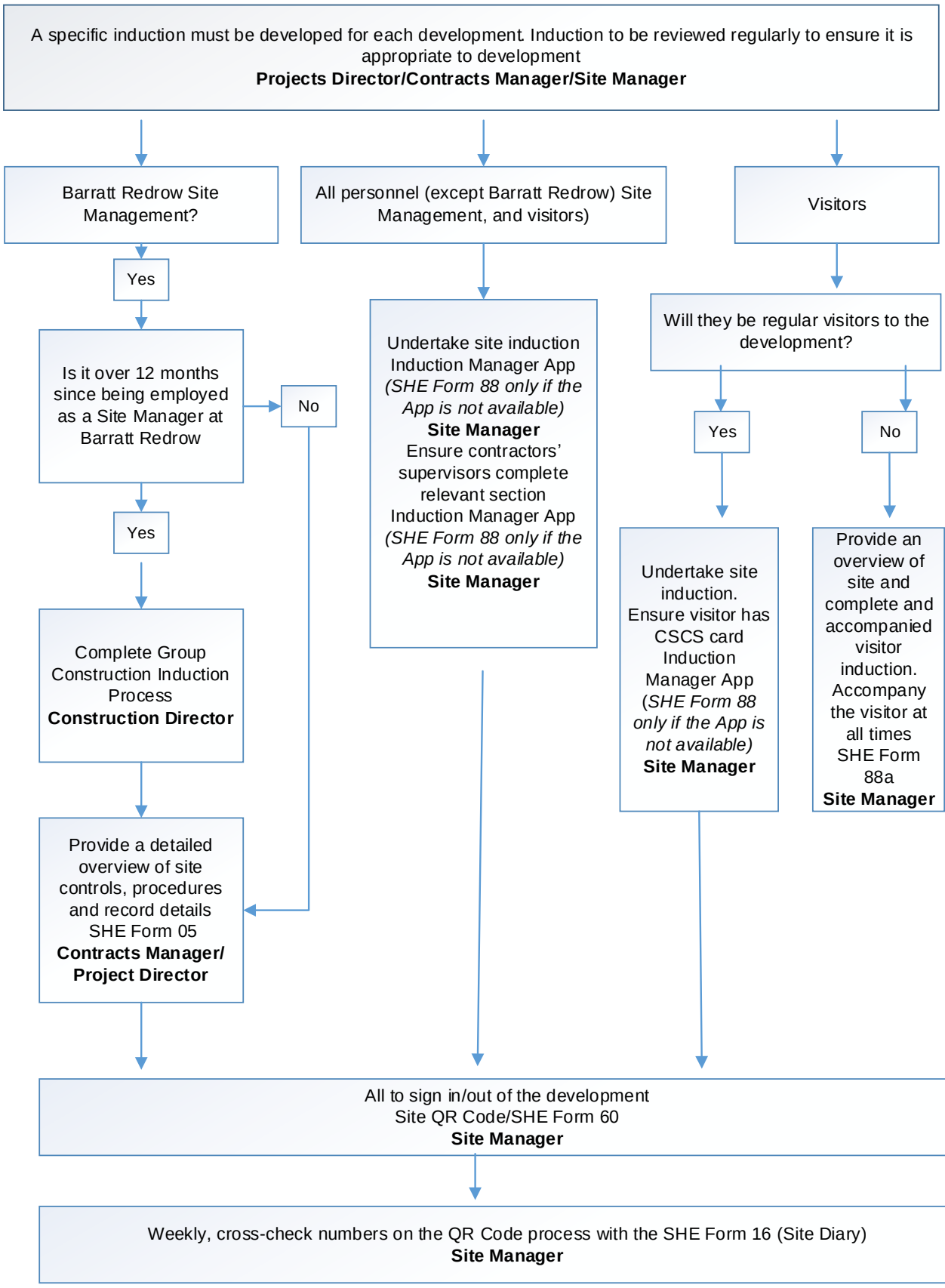
The SHE Relationship states:

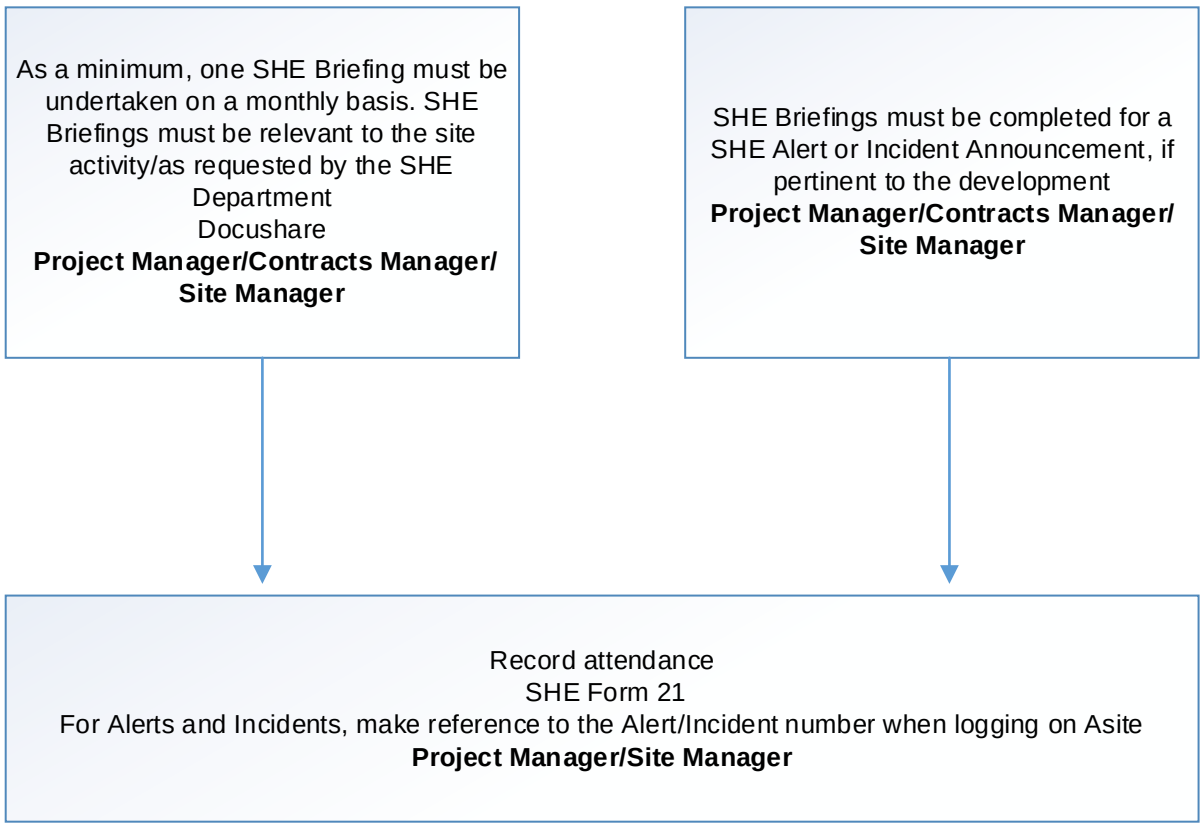
- SHE Form 05 Construction Phase Safety, Health and Environmental Plan
- SHE Form 18 Contracts Manager / Project Directors SHE Tour
- SHE Form 21 Safety, Health and Environmental Briefings (SHEBs) / Alert/ Announcement Register
- SHE Form 29 Site Management SHE Tour
- SHE Form 62 Contractor Co-ordination Meeting High-Rise
- SHE Form 63 Contractor Co-ordination Meeting Low-Rise
- SHE Form 88 Site Induction Record
- SHE Form 88A Daily Accompanied Visitor Induction Record

3. Development Induction and Safety, Health and Environmental Briefings (SHEBs)

Overview

This procedure provides guidance on the type of inductions that different levels of personnel are required to undertake.


A specific induction must be developed for each development. Induction to be reviewed regularly to ensure it is appropriate to development
Projects Director/Contracts Manager/Site Manager
Barratt Redrow Site Management?
All personnel (except Barratt Redrow) Site Management, and visitors)
Visitors
Yes
Is it over 12 months since being employed as a Site Manager at Barratt Redrow
No
Yes
Complete Group Construction Induction Process
Construction Director
Provide a detailed overview of site controls, procedures and record details SHE Form 05
Contracts Manager/ Project Director
Undertake site induction Induction Manager App *(SHE Form 88 only if the App is not available)*
Site Manager
Ensure contractors' supervisors complete relevant section Induction Manager App *(SHE Form 88 only if the App is not available)*
Site Manager
Will they be regular visitors to the development?
Yes
No
Undertake site induction. Ensure visitor has CSCS card Induction Manager App (*SHE Form 88 only if the App is not available)*
Site Manager
Provide an overview of site and complete and accompanied visitor induction. Accompany the visitor at all times SHE Form 88a
Site Manager
All to sign in/out of the development
Site QR Code/SHE Form 60
Site Manager
Weekly, cross-check numbers on the QR Code process with the SHE Form 16 (Site Diary)
Site Manager


As a minimum, one SHE Briefing must be undertaken on a monthly basis. SHE Briefings must be relevant to the site activity/as requested by the SHE Department
Docushare
Project Manager/Contracts Manager/ Site Manager
SHE Briefings must be completed for a SHE Alert or Incident Announcement, if pertinent to the development
Project Manager/Contracts Manager/ Site Manager
Record attendance
SHE Form 21
For Alerts and Incidents, make reference to the Alert/Incident number when logging on Asite
Project Manager/Site Manager

		Reference	Responsibility
1.0	**Inductions**		
1.1	All subcontractors must be instructed at the pre-commencement meeting that all their employees/ subcontractors must complete a Group Induction (before attending site). When they then attend site, they must report to the Site Management to receive a site-specific induction prior to commencing any work. Waiting time will be at the subcontractor's cost.		Commercial Director
1.2	The Group Induction will only need to be completed once per year. Site Specific Inductions are also to be repeated annually.		Site Management
1.3	All subcontractors must be instructed at the pre-commencement meeting that all their supervisors must report to the Site Management so that Site Supervisors requirements can be explained.		Commercial Director
1.4	The subcontractor's supervisor must provide a copy of their supervisory qualification during the induction.		Site Management
1.5	Non-regular visitors to site who are always accompanied by a member of the site team, will complete a Daily Accompanied Visitor Induction.	SHE Form 88a	Site Management
1.6	The induction must be site specific and aim to last no longer than 20 minutes depending on site conditions.	Induction Manager App	Site Management
1.7	Delivery drivers are not required to complete a Group induction. Individuals operating Hiabs (or other lifting appliances) will be required to demonstrate competency to operate the plant via their organisations' competency process.		
1.8	Apprentices will be required to undertake an Operative's Health and Safety test as a minimum, which will provide the score report, valid for six months. Once enrolled onto their apprenticeship they can apply for their CSCS apprentice card. The site-specific induction will expire after 6 months ensuring that all details are updated with their correct card.		
2.0	**Guidance on Content for Inductions**		
2.1	**Competency**		
2.2	Establish if workers have CSCS/CISRS cards and record details – explain current industry commitments.		Site Management
2.3	Inform all, that no one must operate plant unless they have a CPCS/NPORS card.		

		Reference	Responsibility
3.0	**Method Statements/Risk Assessments**		
3.1	Ask if all understand and have access to a copy of their employer's risk assessments/method statements. If they do not, induction cannot continue.	Safe System of Work (SSOW)	Site Management
3.2	Outline how safety critical documentation is controlled and reviewed on site.	SHE Form 14	Site Management/ Contractors Supervisor
3.3	Inform them that they must brief their operatives on the content of the method statements/risk assessments etc, and evidence of briefing must be provided to the Site Manager.	SHE Form 21 or contractors' own documentation.	Site Management
4.0	**Identify key members of the site team**		
4.1	Identify First Aider(s) etc. refer to the site organogram or responsibilities section in the SHE Form 05 (section 6).	SHE Form 05	Site Management
5.0	**Scope of project**		
5.1	Identify scope of project. Refer to 3D/artists impression picture if necessary. Provide overview of what is being constructed.		Site Management
6.0	**Contact details/Consultation**		
6.1	Identify key people to consult on any matter on site. Provide contact details for the project.		Site Management
6.2	Provide details of consultation methods for the project.		Site Management
7.0	**Reporting Procedures**		
7.1	Identify procedure for reporting unsafe acts or injuries.		Site Management
8.0	**Personal Protective Equipment**		
8.1	Identify minimum PPE to be worn on the project and where and when it needs to be worn.		Site Management
9.0	**Site Restrictions**		
9.1	Identify site restrictions such as restricted areas/additional rules. Do not create a long list but make specific to the project and work in progress.		Site Management

		Reference	Responsibility
10.0	**Drug and Alcohol Policy**		
10.1	Explain the Group's drug and alcohol policy	SHE Form 05 (Section 7) Group Drug and Alcohol Policy	Site Management
11.0	**Site Boundary/Access/Traffic Routes/Welfare Facilities**		
11.1	Use site plan (minimum A3) on induction room wall to identify pedestrian routes, muster points, alarms and general site layout. Talk about expected standards.	Site Traffic Management Plan/Plant Risk Assessment Board.	Site Management
11.2	Make all aware of the site security arrangement i.e. closed gate policy.	Site Traffic Management Plan	Site Management
11.3	Review areas where specific permits are required.		Site Management
12.0	**Signing in and Out of a Development**		
12.1	Signing in and out of a development shall be the QR code process, QR codes for the developments shall be displayed in prominent locations in and around the site compound area.	QR Code/Appendix 1	Site Management
12.2	Once a week a cross reference shall be undertaken with the QR code data, and the numbers cited on the SHE Form 16 for compliance and accuracy of data.	SHE Form 16/QR Code Data	Site Management
13.0	**Environmental Issues**		
13.1	Identify key environmental issues, including any wildlife preservation orders or Tree Preservation Orders.	SHE Form 05	Site Management
13.2	Review emergency arrangements including prevention of contamination.		Site Management
13.3	Identify any controls required for contaminated land.		Site Management
13.4	Discuss waste management plan including control and segregation of waste on site.	Waste Boards	Site Management
13.5	Prevention of excessive noise, vibration and dust.		Site Management
13.6	Storage and control of materials.		

		Reference	Responsibility
13.7	Over-pumping and any discharge consents and permits etc.	SHE Form 92	
14.0	**Project Safety Initiatives**		
14.1	Brief operatives on the Five Steps to Safety initiative and issue briefing cards.		Site Management/Technical Director
15.0	**Site Supervisors induction – to be given to all in Supervisory roles**		Site Management
15.0	**Management/Monitoring of Site Safety**		
15.1	Outline specific requirements of supervisors particularly the management of their own operatives and working environment.	SHE Form 09	Site Management
15.2	Must ensure all work is undertaken in accordance with specific method statement/risk assessment.	SHE Form 14/ SSOW	Site Management
15.3	High-risk trades Supervisors must provide a weekly formal SHE inspections on their company's activities and present it to the Site Team. Low-risk trades Supervisors must provide a monthly formal SHE inspections on their company's activities and present it to the Site Team.	BRS 03 (Appendix 1) SHE Form 06	Contractors Supervisor
15.4	**Permits to Work**		
15.5	Review how permit systems work and their control. Use example of documentation.	SHE Forms 44, 48, 90 and 91	Site Management
15.6	**Site Supervisors Meetings**		
15.7	Review meeting format and frequency.	SHE Form 62 / SHE Form 63 BRS 20	Site Management
16.0	**Mobile Phones**		
16.1	Mobile phones can only be used within permitted locations on a development in accordance with the Construction Phase Safety, Health & Environmental Plan. They are absolutely prohibited where the high-risk activities listed below are being carried out. This list is not exhaustive and may be updated by the specific site management team. • Erecting/Dismantling Scaffold • Operating Plant/Machinery • Working in a Confined Space • Formwork Deck Leading Edge Works	SHE Form 05	Site Management

		Reference	Responsibility
	• Steel Erection • Lifting Operations • Banking vehicles • Dealing with flammable or hazardous substances		
17.0	**Group Off-Site Induction on the Learning Management System (LMS)**		
17.1	Tracking of the completion of the Group off-site inductions for colleagues will be through our LMS. It will be a mandatory requirement for all colleagues who are required to visit sites, to complete the induction.	Induction Manager App	Site Management
17.2	When attending site all colleagues must also be provided with a site-specific induction by a member of the site management team.		All employees attending site.
18.0	**Electronic Card Checks**		
18.1	The CSCS/Competency Card schemes have been consolidated to a database called the One Alliance scheme, which enables training competency cards to be digitally verified for most of the schemes accepted to work on site.	Induction Manager App	Site Management
19.0	**Expired Site Inductions**		
19.1	There is currently a requirement for both off-site and site-specific inductions to be reviewed every 12 months. Induction Manager system will automatically expire inductions when they reach this 12-month period.	LMS	
19.2	Site management will have the facility to receive notifications when people attempt to sign in to their site, with any of the following scenarios: • Expired competency card • Expired Group induction • Expired site induction • Restricted site access • User attempted to sign in without a site induction	Induction Manager App	

Appendix 1

Guidance for Site Managers - Signing In/Out Process

Site specific QR code posters can be produced by:

- opening the Induction Manager application
- selecting your development
- taping on the QR code above the site name
- selecting “email QR code” at the bottom of the screen. This will then email you the poster which is to be displayed on site.

If an individual is unable to sign in using the QR Code, then the Site Manager must re-induct the individual using the name and date of birth option within the Induction Manager application, as detailed above.

Site Management Teams will be able to view a record of all persons signed in to the development by clicking on “Site Logs” within the Induction Manager application.

There is also an “Emergency Roll Call” facility to check-off attendees when conducting a fire drill, or in the event of an emergency.

Site Signing in Record (SHE Form 60) can be retained as a back-up control (and for delivery drivers etc), however the primary method of signing in must be the QR code system.

Appendix 2

GDPR Policy Document – Induction Manager

ABOUT THIS DOCUMENT:

Schedule 1, Part 4 of the Data Protection Act 2018 makes provision for the establishment, content and maintenance of "appropriate policy documentation" where such documentation is required by a condition in Parts 1, 2 or 3.

This appropriate policy documentation must:

- explain how the controller complies with the data protection principles set out in Article 5 of the GDPR;
- explain the controller's policies for the retention and erasure of personal data processed under the relevant condition; and
- be retained, reviewed and (if appropriate) updated by the controller and (if requested) made available to the Information Commissioner, until six months after the controller ceases carrying out the processing.

Where appropriate policy documentation is required, the controller's records of processing activities (under Article 30 of the GDPR) must include:

- details of the relevant condition relied on;
- how processing satisfies Article 6 of the GDPR (lawfulness of processing); and
- details of whether the personal data is retained and erased in accordance with the appropriate policy documentation (and if not the reasons why not).

This document is based on a model made available by the ICO as at May 2020.

PART 1 – DESCRIPTION OF DATA PROCESSED

Give a brief description of each category of special category data processed. You may wish to refer to your Article 30 record of processing for that data:

CSCS cards provide proof that individuals working on construction sites have the appropriate training and qualifications for the job they do on site ("the Card Scheme"). By ensuring a workforce is appropriately qualified the Card Scheme plays its part in improving standards and safety on UK construction sites. We will use personal information which we collect relating to individuals' participation in the Card Scheme for managing our responsibilities in respect of site health and safety and ensuring that contractors comply with appropriate Group policies. As a part of the Card Scheme, we may collect special category personal data relating to medical conditions that might affect individuals' health and safety on site.

Further details of how we intend to use the personal data and the reasons for such use are set out in our Privacy Notice which can be found here:

https://www.barrattcommercialsupport.co.uk/privacy-notice

PART 2 – SCHEDULE 1 CONDITION FOR PROCESSING

Give the name and paragraph number of your relevant Schedule 1 condition(s) for processing. Alternatively, you may wish to provide a link to your privacy policy, your record of processing or any other relevant documentation:

Please see the link below to the applicable Privacy Notice:

https://www.barrattcommercialsupport.co.uk/privacy-notice

PART 3 – PROCESURES FOR ENSURING COMPLIANCE WITH THE PRINCIPLES

You need to explain, in brief and with reference to the conditions relied upon, how your procedures ensure your compliance with the principles below.

This helps you meet your accountability obligations. You have a responsibility to demonstrate that your policies and procedures ensure your compliance with the wider requirements of the GDPR and in particular the principles. The sensitivity of special category data means the technical and organisational measures you have in place to protect such data are crucially important.

Questions may be answered with a link or reference to other documentation, to policies and procedures, Data Protection Impact Assessments (DPIAs) or to privacy notices.

Principles

Accountability principle	i. Do we maintain appropriate documentation of our processing activities? Yes ii. Do we have appropriate data protection policies? Yes, these are contained on our intranet. iii Do we carry out data protection impact assessments (DPIA) for uses of personal data that are likely to result in high risk to individuals' interests? Yes, these are held on Surecloud.
Principle (a): lawfulness, fairness and transparency	i. Have we identified an appropriate lawful basis for processing and a further Schedule 1 condition for processing special category data? Yes, legitimate interests on the basis of health and safety. ii Do we make appropriate privacy information available with respect to the special category data? Yes, this is contained within our privacy notice. iii Are we open and honest when we collect the special category data and do we ensure we do not deceive or mislead people about its use? Yes, the employees/ contractors are required to view and read the privacy notice prior to completing the questionnaire.
	Yes: see the link below to the Privacy Notice applicable to the Card Scheme: https://www.barrattcommercialsupport.co.uk/privacy-notice
Principle (b): purpose limitation	i. Have we clearly identified our purpose(s) for processing the special category data? ii. Have we included appropriate details of these purposes in our privacy information for individuals? i. and ii: Yes: see the link below to the Privacy Policy applicable to the Card Scheme: https://www.barrattcommercialsupport.co.uk/privacy-notice i. If we plan to use personal data for a new purpose (other than a legal obligation or function set out in law), do we check that this is compatible with our original purpose or get specific consent for the new purpose? Yes we would review this if the purpose for the information was to change.
	i. Are we satisfied that we only collect special category personal data we actually need for our specified purposes? Yes. This information is only used to determine compliance with health and safety on our sites and developments. ii. Are we satisfied that we have sufficient special category data to properly fulfil those purposes? Yes. iii. Do we periodically review this particular special category data, and delete anything we don't need? Yes, the system will removed records after 6 years of inactivity.

Principle (d): accuracy	i.	Do we have appropriate processes in place to check the accuracy of the special category data we collect, and do we record the source of that data? The special category data is completed by the individual providing that information. We do not verify the source or the accuracy.
	ii.	Do we have a process in place to identify when we need to keep the special category data updated to properly fulfil our purpose, and do we update it as necessary? We can only update the information if the individual notifies us of any changes.
	.	Do we have a policy or set of procedures which outline how we keep records of mistakes and opinions, how we deal with challenges to the accuracy of data and how we ensure compliance with the individual's right to rectification? If any of the information contained within the questionnaire requires amending, the questionnaire can be completed again. The individual must contact the CSCS card providers to update any information we hold which has resulted from them.
Principle (e): storage limitation	i.	Do we carefully consider how long we keep the special category data and can we justify this amount of time? Yes
	ii.	Do we regularly review our information and erase or anonymise this special category data when we no longer need it? Yes
	iii.	Have we clearly identified any special category data that we need to keep for public interest archiving, scientific or historical research, or statistical purposes? N/A
Principle (f): integrity and confidentiality (security)	I.	Do we carefully consider how long we keep the special category data and can we justify this amount of time? Yes
	II.	Do we regularly review our information and erase or anonymise this special category data when we no longer need it? Yes
	I.	Have we clearly identified any special category data that we need to keep for public interest archiving, scientific or historical research, or statistical purposes?

PART 4 – RETENTION OF ERASURE POLICIES

You need to explain your retention and erasure policies with respect to each category of special category data (this could include a link to your retention policy if you have one). You need to explicitly indicate how long you are likely to retain each specific category of special category data.

The question we ask in the induction form of our employees/ contractors and suppliers is:

Do you have any medical conditions that may affect yours or other health and safety whilst working on site? If 'Yes' please review the individuals risk assessment to consider control measure required.

a. Heart Condition
b. Epilepsy
c. Asthma
d. Other medical conditions or health risk

Not willing to disclose.

The system will remove records in relation to the special categories of data after 6 years of inactivity.

Signed:	**Role:**
Date:	
Review Date:	

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

26 SAFETY, HEALTH AND ENVIRONMENTAL ASPECTS AND IMPACTS REGISTER



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Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
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1. Introduction and Scope

1.1 Introduction

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document located on DocuShare.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> **The Primary SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Safety, health and environmental aspects and impacts register.

2. SHE Policy and Controls

The SHE Policy states:

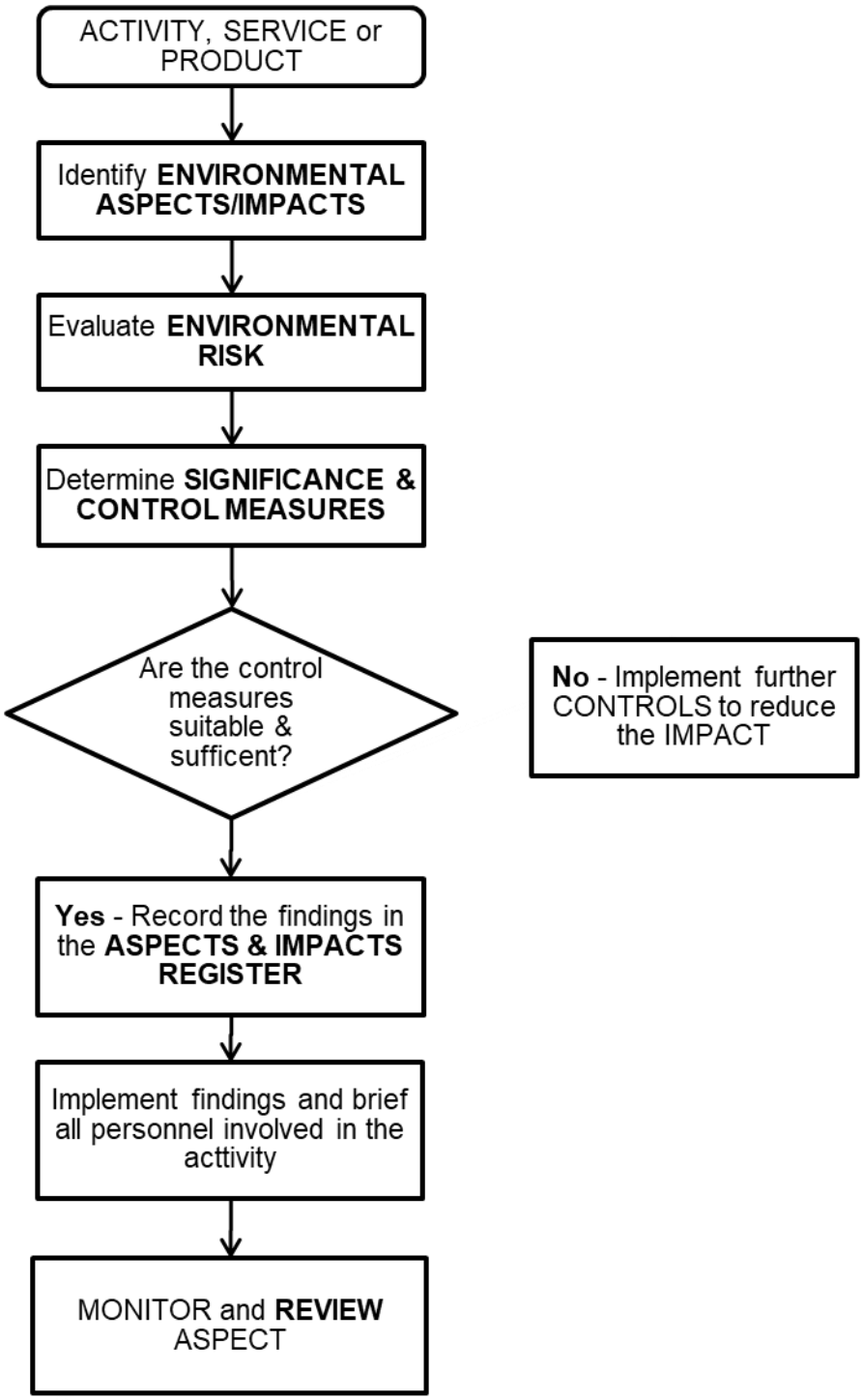
- A register of the environmental impacts of the Group and legislation affecting its operation to be maintained

The Primary SHE Control is:

- Assessment undertaken every 2 years and managed by the Group Head of SHE.

3.0 Barratt Redrow Management Procedure

The flow chart below demonstrates the framework that is adopted by Barratt Redrow to plan, manage, monitor and co-ordinate environmental aspects and impacts in Barratt Redrow Offices, Sites, Sales, and Customer Services.



3.1 Aspects and Impacts Register

Guidance and definitions

The environmental aspects of Barratt Redrow plc are defined as those of its activities or processes that **interact with the environment**. Aspects can, in most cases, be grouped under the general aspect categories,

- Emissions to Air
- Nuisance / Community / Landscaping Issues
- Solid and Hazardous Waste
- Emissions to surface or ground water
- Raw Materials and Equipment
- Utility and Fuel use
- Historical issues.
- Management issues

Aspects are defined in relation to the external environment, although in many cases there may be an overlap with occupational health and safety issues relating to the internal working environment e.g. noise and use of hazardous substances. Appendix 1 and 2 list applicable Environmental and Health and Safety legislation which has also been used to identify relevant aspects.

Aspects give rise to impacts where an impact is any change in the environment resulting from an organisation's activities. ISO 14001 defines aspects as an "element of an organisation's activities, products or services that can interact with the environment".

Aspects are firstly determined by the operation condition that they are likely to be present in e.g. whether they are normal (an everyday feature), abnormal (occur occasionally, i.e. in start up or shut down conditions) or emergency (i.e. occur under emergency conditions). Finally, they are evaluated using the below scores against their severity and relative frequency (likelihood) of impact.

Severity Evaluation		
Score	**Significance**	**Description**
1	No substantial damage	None of the relevant parameters exist at a level that can cause potential impacts to the environment.
2	Minor	Some of the parameters exist at recognisable levels that have the potential to cause minor environmental change
3	Moderate	The parameters of the aspect / impact all exist at recognisable levels and are / can cause environmental damage, but such damage is short term and always repairable.
4	Major	The parameters of the aspect / impact exist at a level that does or will cause environmental damage, but the damage is not permanent or is only medium term.
5	Severe	The parameters of the aspect / impact are comparatively high and combined in a manner that causes, or can cause, severe environmental damage, e.g. permanent / long term environmental damage

Likelihood Evaluation		
Score	**Likelihood**	**Description**
1	remote	occurs less than once every 10 years
2	occasional	occurs less than annually and up to once every 10 years
3	infrequent	occurs less than monthly and up to annually
4	occasional	occurs less than weekly and up to monthly
5	reoccurring / continuous	occurs either weekly, daily or continuously

Rating environmental aspects is a mechanism that is used to assess their level of impact and establish a criteria of distinguishing their magnitude. Some environmental aspects are minor and also result in very minor impact to the environment, organisation and society. On the other hand there are environmental aspects which are of a major significance such that they can have serious or catastrophic consequences. The below table shows how Barratt determine which Aspects are significant, ie with a score above 10. These aspects are then prioritized when identifying areas for continual improvement.

		Severity				
		1	**2**	**3**	**4**	**5**
Likelihood	**5**	5	10	15	20	25
	4	4	8	12	16	20
	3	3	6	9	12	15
	2	2	4	6	8	10
	1	1	2	3	4	5

Key

Not significant

Significant

Finally, the last column in the Aspects and Impacts register cross references the controls that are in place within the business to ensure that it is effectively managed.

				Location		Operating Conditions			Evaluation				Controls in place
REF.	**Category**	**Description of Environmental Aspect**	**Summary of Environmental Impact**	**Construction**	**Office**	**Normal**	**Abnormal**	**Emergency**	**Severity**	**Likelihood**	**Impact**	**Significance (Y/N)**	
AIR 1	Emissions to Air	Exhaust Emissions from vehicles	Impact from abstraction of raw materials and resource consumption; air pollution, contribution to global warming	Y	Y	Y			1	3	3		BRS 34 - Plant and Work Equipment
AIR 2	Emissions to Air	Emissions from paint	Impact from abstraction of raw materials and resource consumption; Emissions of volatile organic compounds (VOCs)	Y		Y			1	1	1		Paint is specified in the painting contractors specification
AIR 3	Emissions to Air	Emission from heating	Impact from abstraction of raw materials and resource consumption; air pollution, contribution to global warming		Y	Y			1	1	1		BRS 25 - Group and Divisional Offices
AIR 4	Emissions to Air	Emissions of dust and particulates from raw materials delivery, handling and storage	Contribution to localised air pollution. May affect respiratory function of humans, plants and animals. May lead to deposition on land.	Y		Y			3	4	12	Y	BRS 10 - control of substances Hazardous to Health (COSHH)
AIR 5	Emissions to Air	Emissions of particulates from boiler	Contribution to localised air pollution. May affect respiratory function of humans, plants and animals. May lead to deposition on land.		Y	Y			1	1	1		Boilers are specified in Group specification
AIR 6	Emissions to Air	Emissions of CO_2 and other combustion gases (e.g. NOx, SO_2) from boiler	Contribution to climate change from CO_2 and NOx emissions and localised air pollution. May lead to deposition on land.		Y	Y			1	1	1		Boilers are specified in Group specification
AIR 7	Emissions to Air	Emissions of particulates, CO_2 and other combustion gases (e.g. NOx, SO2) from emergency/standby equipment on site	Contribution to climate change from CO_2 and NOx emissions and localised air pollution. May lead to deposition on land.	Y			Y		2	2	4		BRS 34 - Plant and Work Equipment

				Location		Operating Conditions			Evaluation				Controls in place
REF.	**Category**	**Description of Environmental Aspect**	**Summary of Environmental Impact**	**Construction**	**Office**	**Normal**	**Abnormal**	**Emergency**	**Severity**	**Likelihood**	**Impact**	**Significance (Y/N)**	
AIR 8	Emissions to Air	Failure of dust/bag filters producing abnormal emissions of dust and particulates	Contribution to localised air pollution. May affect respiratory function of humans, plants and animals. May lead to deposition on land.	Y			Y		2	2	4		BRS 10 - control of substances Hazardous to Health (COSHH)
AIR 9	Emissions to Air	Leaks of refrigerants from air-conditioning & compressor refrigerant drier systems	Contribution to localised air pollution. Potential for ozone depletion if certain refrigerants are used e.g. CFCs, HCFCs, halons.		Y		Y		2	1	2		BRS 25 - Group and Divisional Offices
AIR 10	Emissions to Air	Fire	Contribution to localised air pollution from smoke and fumes.	Y	Y			Y	4	1	4		BRS 32 - Fire and Emergency Arrangements
NUIS 1	Nuisance / Community / landscaping issues	Noise from site activities	Potential nuisance to local population and disturbance of wildlife	Y		Y			2	2	4		SHE Form 09 - Safety, Health and Environmental Code for Sub Contractors
NUIS 2	Nuisance / Community / landscaping issues	Disturbance from traffic on and off site.	Depends on hours of operation. Potential nuisance to local population more likely if evening, night or weekend movements or if movements are very frequent. Potential disturbance of wildlife.	Y		Y			2	3	6		Planning Conditions (working hours)
NUIS 3	Nuisance / Community / landscaping issues	Grounds maintenance activities.	Potential to increase or preserve biodiversity and improve visual appearance of site. Overuse of chemicals and removal of vegetation could harm biodiversity and disturb wildlife.	Y	Y	Y			1	1	1		Trade Specification

				Location		Operating Conditions			Evaluation				Controls in place
REF.	**Category**	**Description of Environmental Aspect**	**Summary of Environmental Impact**	**Construction**	**Office**	**Normal**	**Abnormal**	**Emergency**	**Severity**	**Likelihood**	**Impact**	**Significance (Y/N)**	
NUIS 4	Nuisance / Community / landscaping issues	Visual impact of site (including light pollution)	Enhancing site appearance can improve relations with neighbours. Poorly maintained site may cause visual intrusion for neighbours.	Y		Y			2	2	4		Trade Specification
WASTE 1	Solid and Hazardous Waste	General waste (including PPE, plastic cups, office waste, paper towels, packaging, etc.) sent for recovery	Use of landfill capacity; potential contribution to leachate and landfill gas generation	Y	Y	Y			2	2	4		BRS 29 - Waste Management
WASTE 2	Solid and Hazardous Waste	Printer cartridges	Environmental impact depends upon disposal destination (e.g. incineration gives rise to air emissions, whilst recycling is beneficial)	Y	Y	Y			2	1	2		BRS 29 - Waste Management
WASTE 3	Solid and Hazardous Waste	Furniture	Impacts from disposal (e.g. landfill, incineration)		Y	Y			2	1	2		BRS 29 - Waste Management
WASTE 4	Solid and Hazardous Waste	Cardboard packaging	Environmental impact depends upon disposal destination (e.g. landfilling use landfill capacity, whilst recycling/recovery reduces impact greatly).	Y		Y			3	2	6		BRS 25 - Group and Divisional Offices
WASTE 5	Solid and Hazardous Waste	Plastic packaging (from delivered goods or arising on-site) including 'big bags'.	Environmental impact depends upon disposal destination (e.g. landfilling use landfill capacity, whilst recycling/recovery reduces impact greatly).	Y		Y			2	2	4		BRS 29 - Waste Management
WASTE 6	Solid and Hazardous Waste	Building/construction waste	Uses landfill capacity. May contribute to leachate and landfill gas production. If some waste is recovered or used elsewhere (i.e. excavated soils used on another site) then impact is reduced.	Y		Y			4	3	12	Y	BRS 29 - Waste Management

				Location		Operating Conditions			Evaluation				Controls in place
REF.	**Category**	**Description of Environmental Aspect**	**Summary of Environmental Impact**	**Construction**	**Office**	**Normal**	**Abnormal**	**Emergency**	**Severity**	**Likelihood**	**Impact**	**Significance (Y/N)**	
WASTE 7	Solid and Hazardous Waste	Organic waste from grounds maintenance (grass cuttings, leaves etc.)	Environmental impact depends upon disposal destination (e.g. landfilling use landfill capacity). If organic waste is composted then impact will be greatly reduced.	Y	Y	Y			1	1	1		Trade Specification
WASTE 8	Solid and Hazardous Waste	Contaminated land waste e.g. Asbestos (hazardous waste)	Disposed of as hazardous waste, causing impacts at final disposal/recycling point.	Y			Y		3	2	6		BRS 28 - Chemical Storage, Discharge and Spillage
WASTE 9	Solid and Hazardous Waste	Other hazardous waste (fluorescent tubes, batteries etc.)	Environmental impact depends upon disposal destination (e.g. incineration gives rise to air emissions)	Y	Y	Y			2	2	4		BRS 28 - Chemical Storage, Discharge and Spillage
WATER 1	Emissions to surface or ground water	Sewage Discharge	Potential to enter surface water drains and pollute surface water.	Y			Y		3	1	3		BRS 28 - Chemical Storage, Discharge and Spillage
WATER 2	Emissions to surface or ground water	Silt discharge	Potential to enter surface water drains and pollute surface water.	Y			Y		3	4	12	Y	BRS 28 - Chemical Storage, Discharge and Spillage
WATER 3	Emissions to surface or ground water	Discharged cleaning solutions	Potential to enter surface water drains and pollute surface water.	Y			Y		1	1	1		BRS 28 - Chemical Storage, Discharge and Spillage
WATER 4	Emissions to surface or ground water	Disposal of contaminated bund water (e.g. from diesel tanks) - Removed by waste contractors.	Removed by contractors. If spillage occurs, potential for entry to surface water drains	Y			Y		2	2	4		BRS 28 - Chemical Storage, Discharge and Spillage

				Location		Operating Conditions			Evaluation				Controls in place
REF.	**Category**	**Description of Environmental Aspect**	**Summary of Environmental Impact**	**Construction**	**Office**	**Normal**	**Abnormal**	**Emergency**	**Severity**	**Likelihood**	**Impact**	**Significance (Y/N)**	
WATER 5	Emissions to surface or ground water	Small-scale spill/leakage of diesel and waste oil during delivery, use or disposal	Loss of non-renewable resources; potential to enter surface water drains and/or foul sewer. Potential land and groundwater contamination.	Y				Y	2	2	4		BRS 28 - Chemical Storage, Discharge and Spillage
WATER 6	Emissions to surface or ground water	Large-scale spill/leakage of fuel oil, diesel and waste oil during delivery, use or disposal	Loss of non-renewable resources; potential to enter surface water drains and/or foul sewer. Potential land and groundwater contamination.	Y				Y	3	1	3		BRS 28 - Chemical Storage, Discharge and Spillage
WATER 7	Emissions to surface or ground water	Fire-fighting water run-off	Potential to enter surface water drains and pollute surface water.	Y	Y			Y	4	1	4		BRS 28 - Chemical Storage, Discharge and Spillage
WATER 8	Emissions to surface or ground water	Flood	Potential to enter surface water drains and pollute surface water and groundwater.	Y				Y	4	1	4		BRS 28 - Chemical Storage, Discharge and Spillage
RAW 1	Raw materials and Equipment	Use of Timber / wood	Consumption of non-renewable and renewable resources	Y		Y			2	3	6		Approved Suppliers and Trade Specifications
RAW 2	Raw materials and Equipment	Use of Electrical and electronic equipment	Consumption of non-renewable and renewable resources	Y	Y	Y			2	3	6		Approved Suppliers and Trade Specifications
RAW 3	Raw materials and Equipment	Use of Glues / mastics etc.	Consumption of non-renewable and renewable resources	Y		Y			2	3	6		Trade Specification
RAW 4	Raw materials and Equipment	Use of Plasterboard	Consumption of non-renewable and renewable resources	Y		Y			2	3	6		Approved Suppliers and Trade Specification

				Location		Operating Conditions			Evaluation				Controls in place
REF.	**Category**	**Description of Environmental Aspect**	**Summary of Environmental Impact**	**Construction**	**Office**	**Normal**	**Abnormal**	**Emergency**	**Severity**	**Likelihood**	**Impact**	**Significance (Y/N)**	
RAW 5	Raw materials and Equipment	Use of fire-fighting chemicals	Consumption of non-renewable resources, ozone depletion if halons are used	Y	Y			Y	4	1	4		BRS 32 - Fire and Emergency Arrangements
RAW 6	Raw materials and Equipment	Use of cleaning chemicals	Consumption of non-renewable resources		Y	Y			2	2	4		Approved Suppliers and Trade Specifications
RAW 7	Raw materials and Equipment	Use of grounds maintenance and pest control chemicals e.g. herbicides, rat poison	Consumption of non-renewable resources	Y	Y	Y			1	1	1		Approved Suppliers and Trade Specification
RAW 8	Raw materials and Equipment	Use of PPE e.g. disposable gloves, hard hats, overalls	Consumption of non-renewable and renewable resources	Y		Y			1	1	1		Group approved PPE Catalogue
RAW 9	Raw materials and Equipment	Use of office consumables (e.g. paper, other stationery)	Consumption of non-renewable and renewable resources	Y	Y	Y			2	1	2		BRS 25 - Group and Divisional Offices
UTIL 1	Utility and Fuel Use	Electricity consumption (e.g. for machine operation, heating, lighting etc.)	Consumption of non-renewable resources, release of CO_2 and local air pollutants at point of electricity generation	Y	Y	Y			3	4	12	Y	BRS25 – Group and Divisional Offices Group Site Office Accommodation Designs
UTIL 2	Utility and Fuel Use	LPG Propane gas consumption for boiler	Consumption of a non-renewable resource		Y	Y			2	2	4		BRS25 – Group and Divisional Offices
UTIL 3	Utility and Fuel Use	Water usage	Consumption of a limited natural resource	Y	Y	Y			3	2	6		BRS 25 – Group and Divisional Offices Group Site

				Location		Operating Conditions			Evaluation				Controls in place
REF.	**Category**	**Description of Environmental Aspect**	**Summary of Environmental Impact**	**Construction**	**Office**	**Normal**	**Abnormal**	**Emergency**	**Severity**	**Likelihood**	**Impact**	**Significance (Y/N)**	
													Office Accommodation Designs
UTIL 4	Utility and Fuel Use	Diesel fuel for LGV's etc.	Consumption of non-renewable resources.	Y		Y			2	2	4		BRS 28 - Chemical Storage, Discharge and Spillage
HIS 1	Historic Issues	Land contamination from historical activities on-site (including historical spillages of hazardous materials)	Depends on type of activities carried out and past events. However, potential for migration of contaminants to surface waters, ground waters and adjacent sites/land.	Y			Y		4	1	4		BRS 28 - Chemical Storage, Discharge and Spillage
MAN 1	Management Issues	Environmental considerations taken into account during contractor selection and control	Ensuring environmental considerations are taken into account during contractor selection and incorporating environmental controls into work instructions demonstrates best practice and places greater emphasis on environmental issues.	Y		Y			3	4	12	**Y**	BRS 03 - Appointment of Contractors
MAN 2	Management Issues	Legal compliance (Including 'Duty of Care', Planning conditions, PPC)	Ensures compliance with relevant legislation, minimises environmental impact and risk of prosecution and bad publicity.	Y		Y			3	1	3		BRS 01 – Pre Commencement SHE Form 02
MAN 4	Management Issues	Purchasing/ Procurement	Environmental considerations in supplier and product selection can limit environmental impacts.	Y	Y	Y			3	1	3		Approved Suppliers and Trade Specifications
MAN 5	Management Issues	Active Energy Management Procedures	Minimise use of renewable/non-renewable resources	Y	Y	Y			3	2	6		Approved Suppliers and Trade Specifications

Appendix 1: Applicable Environmental Legislation:

ENVIRONMENTAL LEGISLATION AND OTHER REQUIREMENTS	Compliance
INTEGRATED	
ENVIRONMENTAL PROTECTION ACT 1990 **POLLUTION PREVENTATION AND CONTROL ACT 1999** Environmental Permitting (England and Wales) Regulations 2010 (SI 2010/675) and Amends (SI 2010/676) and SI 2013/390 Pollution Prevention and Control (Scotland) Regulations 2000 (SSI 2000/323) - PPC Pollution Prevention and Control (Scotland) Amendment Regulations 2005, (No. 2) 2005, 2008 (SS1 2008/410) and 2009 (SSI 2009/336).	General Provision
Environmental Liability Directive 2015 (2015/35/EC) Environmental Damage (Prevention and Remediation) Regulations 2009 (SI 2009/153) & Amends 2009 (SI 2009/3275) & 2010 (SI 2010/587)	Construction sites
AIR POLLUTION	
CLEAN AIR ACT 1993	Construction sites
Regulation (EC) 1005/2009 on substances that deplete the ozone layer Ozone-Depleting Substances (Qualifications) Regulations SI 2009/216 The Environmental Protection (Controls on Ozone–Depleting Substances) (Amendment) Regulations 2002 and 2008 (SI 2008/91) revoked The Environmental Protection (Controls on Ozone–Depleting Substances) (Amendment) Regulations 2008 (SI 2008/91) revoked Environmental Protection (Controls on Ozone-Depleting Substances) Regulations 2011 (SI 2011/1543)	Construction sites
Regulation (EC) 842/2006 on Certain Fluorinated Greenhouse Gases (GHGs) Directive on the Energy performance of Buildings 2002/91/EC. The new Regulation (EU) 517/2014. The Fluorinated Greenhouse Gas (F-gas) Regulations 2009. Also refer to A2 Controls on Ozone-Depleting Substances Regulation (EC)	F Gas register
Energy Savings Opportunity Scheme (ESOS) to implement Article 8 (4-6) of the EU Energy Efficiency Directive (2012/27/EU). The ESOS Regulations 2014 give effect to the scheme.	Corporate
FINANCE ACT. 2000-2015 Climate Change Levy (General) Regulations 2001 (SI 2001/838). Climate Change Levy (General) (Amendment) Regulations 2006	Corporate
CLIMATE CHANGE ACT 2008 The CRC Energy Efficiency Scheme Order 2010	Corporate
Energy Performance of Buildings Directive (EPBD) Energy Performance of Buildings Regulations 2007 Energy Performance of Buildings (Certificates and Inspections) (England and Wales) Regulations 2007 (SI 2007/991) and Amendment 2010 (SI 2010/1456)	Regional offices

ENVIRONMENTAL LEGISLATION AND OTHER REQUIREMENTS	Compliance
Building (Amendment) Regulations 2011 (SI 2011/1515) Buildings Regulations Part L and F - Energy Proposed: Renewable Heat Incentive (RHI) The Feed-in Tariffs (Specified Maximum Capacity and Functions) Order 2010 & Amends	
STATUTORY NUISANCE	
ENVIRONMENTAL PROTECTION ACT 1990 (Part III) – Statutory Nuisance NOISE and STATUTORY NUISANCE ACT1993	Construction sites
CONTROL of POLLUTION ACT1974 Control of Noise (Codes of Practice for Construction and Open Sites) (England) Order 2002	Construction sites
INLAND WATER QUALITY AND SEWERAGE	
WATER INDUSTRY ACT 1991 SEWERAGE (SCOTLAND) ACT 1968 **WATER INDUSTRY (SCOTLAND) ACT 2002** **WATER SERVICES etc. (SCOTLAND) ACT 2002**	Construction sites
Water Resources Act 1991 Water Resources Act 1991 (Amendment) (England and Wales) Regulations 2009 Environmental Permitting (England and Wales) Regulations 2010 (SI 2010/676) & Amends - EPR Anti-Pollution Works Notices Regulations 1999 (SI 1999/1006) Water Resources (Abstraction and Impounding) Regulations 2006 (SI 2006/641) & Amends (SI 2008/165) Water Environment and Water Services (Scotland) Act 2003 Water Environment (Controlled Activities) Regulations 2005 (CAR) revoked Water Environment (Controlled Activities) Regulations 2011 (CAR) (SSI 2011/209)	Construction sites
WATER RESOURCES ACT 1991 Control of Pollution (Oil Storage) (England) Regulations 2001 (SI 2001/2954) The Water Environment (Oil Storage) (Scotland) Regulations 2006	Construction sites
FLOOD AND WATER MANAGEMENT ACT 2010 LAND DRAINAGE ACT 1981 (as amended by LAND DRAINAGE ACT 1984,1991 & 1994)	Regional office
Ground Water Regulations 1998 (SI 1998/2746) revoked Environmental Permitting (England and Wales) Regulations 2010 (SI 2010/676) & Amends Water Environment (Consequential Provisions) (Scotland) Order 2006 Water Environment (Controlled Activities) Regulations 2011 (CAR)	Corporate
M**ARINE and COASTAL ACCESS ACT 2009**	Construction sites
THE WATER ACT 2003	Corporate
WASTE MANAGEMENT	
ENVIRONMENTAL PROTECTION ACT 1990 (Section 34) Environmental Protection (Duty of Care) Regulations 1991 (SI 1991/2839) revoked in England and Wales Environmental Protection (Duty of Care) Amendment (Scotland) Regulations 2003 Controlled Waste (Registration of Carriers) Regulations 1991 (SI 1991/1624) **POLLUTION PREVENTION AND CONTROL ACT 1999** Waste Management Licensing Regulations 1994 (SI 1994/1056) and Amends	Construction sites

ENVIRONMENTAL LEGISLATION AND OTHER REQUIREMENTS	Compliance
Waste Management Licensing (Scotland) Regulations 1996 (SI 1996/916) The Waste (England and Wales) Regulations 2011 (SI 2011/988)	
ENVIRONMENTAL PROTECTION ACT 1990 Hazardous Waste Directive 1991 Environmental Permitting (England and Wales) Regulations 2010 (SI 2010/675) and Amends (SI 2010/676) Hazardous Waste (England and Wales) Regulations 2005 The Hazardous Waste (England and Wales) (Amendment) Regulations 2009 The Waste (England and Wales) Regulations 2011 Landfill (England and Wales) Regulations 2002 revoked Waste Electrical and Electronic Equipment Regulations 2006 (SI 2006/3289) To be replaced by the draft Waste Electrical and Electronic Equipment Regulations 2013. Waste Electrical and Electronic Equipment (Amendment) Regulations 2007, 2009 (SI 2009/2957, (No.2) 2009 (SI 2009/3216) and 2010 (SI 2010/1155) Waste Electrical and Electronic Equipment (Amendment) Regulations 2007, 2009 (SI 2009/2957, (No.2) 2009 (SI 2009/3216) and 2010 (SI 2010/1155) Batteries & Accumulators and Waste Batteries & Accumulators Directive (Battery Directive) Batteries and Accumulators (Placing on the Market) Regulations SI 2008/2164 Waste Batteries and Accumulators Regulations 2009 Environmental Permitting (England and Wales) Regulations 2010 (SI 2010/676) & Amends - EPR	Construction sites
ENVIRONMENT ACT 1995 Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (SI 2007/871) Producer Responsibility Obligations (Packaging Waste) (Amendment) Regulations 2010	N/A
FINANCE ACT 1996 -2013. Landfill Tax Regulations 1996 (SI 1996/1527 as amended by, SI/1996/2100, SI 1998/61, SI 1999/3270, SI 2002/1, SI2003/605, SI 2003/2313, SI2005/1640, SI2006/865, SI2007/965), SI2008/770, SI2009/1929, SI2010/924, SI2011/894. Landfill Tax (Qualifying Material) Order 1996 revoked Landfill Tax (Qualifying Material) Order 2011 Landfill Tax (Contaminated Land) Order 1996	Construction sites
ENVIRONMENTAL PROTECTION ACT 1990 (Part II: Waste on Land) Waste Management Licensing Amendment (Scotland) Regulations 2003, 2015 & 2006 Waste Management Licensing (Scotland) Regulations 2011 (SSI 2011/228) · Waste (Scotland) Regulations 2005 (SSI 2005/22) · The Waste (Scotland) Regulations 2011 (SSI 2011/226) · Water Environment (Controlled Activities) (Scotland) Regulations 2011 (SSI 2011/209) Environmental Permitting (England & Wales) Regulations 2010 (SI 2010/676) & Amends	Construction sites
Control of Pollution (Amendment) Act 1989 The Waste (England and Wales) Regulations 2011 Controlled Waste (Registration of Carriers and Seizure of Vehicles) Regulations 1991 replaced in England and Wales Controlled Waste (Registration of Carriers and Seizure of Vehicles) (Amendment) Regulations 1998, SI 605 revoked	Construction sites
Appendix 1 – Waste Definition	Information

ENVIRONMENTAL LEGISLATION AND OTHER REQUIREMENTS	Compliance
Appendix 2 – Definition of Hazardous Waste	Information
Appendix 3 – List of Waste (England) Regulations 2005	Information
Appendix 4 – Waste Exemptions (EPR 2010)	Information
LAND	
Contaminated land:	
ENVIRONMENT ACT 1995 (Part 2A) Contaminated Land (England) Regulations 2006 (SI 2006/1380) – previously 2000/227 Contaminated Land (Scotland) Regulations 2000 (SSI 2000/178) & 2005 (SSI 2005/658) Contaminated Land (Wales) Regulations 2006 (SI 2006/2589) – previously 2001/2197 Anti- Pollution Works Regulations 1999 & Amends Radioactive Contaminated Land (Modification of Enactments) (England) Regulations 2006 (SI 2006/1379) Radioactive Contaminated Land (Modification of Enactments) (Wales) Regulations 2006 (SI 2006/2988) Radioactive Contaminated Land (Scotland) Regulations 2007 (SSI 2007/179) THE WATER ACT 2003	Regional office
Planning: EIA	
TOW**N AND COUNTRY PLANNING ACT 1990** Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999 (SI 1999/293 as amended by SI 2000/2867) revoked for England. Town and Country Planning (Environmental Impact Assessment) (Amendment) Regulations 2006 (SI 2006/3295) Town and Country Planning (Environmental Impact Assessment) Regulations 2011 (SI 2011/1824) The Environmental Impact Assessment (Scotland) Regulations 1999 (SI 1999/1 as amended by SI 2002/324, SSI 2006/614, SSI 2007/484, SSI 2009/221) Town and Country Planning (Trees) Regulations 1999 Town and Country Planning (Scotland) Act 1997 The Town and Country Planning (Tree Preservation Order and Trees in Conservation Areas) (Scotland) Regulations 2010 Planning Act 2008	Regional office
Planning: Trees	
Town and Country Planning (Tree Preservation) (England)Regulations 2012 (SI 2012/) Town and Country Planning (Trees) Regulations 1999 & Amends 2008. BS 5837:2012	Construction sites
Biodiversity:	
Various Nature Conservation Legislation including: **PROTECTION OF BIRDS ACT 1954** **THE WILDLIFE AND COUNTRYSIDE ACT 1981(AND AMENDMENT 2001 & 2015)** **THE WILDLIFE AND COUNTRYSIDE ACT 1981 (ENGLAND AND WALES) (AMENDMENT) REGULATIONS2015** **THE WILDLIFE AND COUNTRYSIDE ACT 1981 (VARIATION OF SCHEDULE 9) (ENGLAND AND WALES) ORDER 2010 & (VARIATION OF SCHEDULE) (SCOTLAND) ORDER 2005 (SI 2005/308)** PROTECTION OF Badgers Act 1992 THE COUNTRYSIDE AND RIGHTS OF WAY ACT 2000 NATURE CONSERVATION (SCOTLAND) ACT 2015 NATURAL ENVIRONMENT AND RURAL COMMUNITIES ACT 2006	Construction sites

ENVIRONMENTAL LEGISLATION AND OTHER REQUIREMENTS	Compliance
Hedgerows Regulations 1997 (SI 1997/1160) The Conservation (Natural Habitats) Regulations 1994 (SI 1994/2716) **WILD MAMMALS ACT 1996** **WILDLIFE AND COUNTRYSIDE ACT 1981 (SCOTLAND) (AMENDMENT) REGULATIONS (SI 2001/337)** **WILDLIFE AND COUNTRYSIDE ACT 1981 (ENGLAND AND WALES) (AMENDMENT) REGULATIONS (SI 2015/1487)** Conservation (Natural Habitats etc.) Regulations SI 1994/2716 The Conservation (Natural Habitats, &C.) (Amendment) Regulations 2007, Amends 2009 (SI 2009/6) and (No.2) 2009 (SI 2009/2438) The Conservation of Habitats and Species Regulations 2010 (SI 2010/490) The Sites of Special Scientific interest (Appeals) Regulations 2009 & 2010 Wildlife and Natural Environment (Scotland) Act 2011	
WEEDS ACT 1959 **RAGWORT CONTROL ACT 2003**	Construction sites
ARCHAELOGICAL AND HERITAGE	
TREASURES ACT 1996 Treasures Act 1996 Code of Practice	Regional office
BURIALS ACT 1857 Disused Burial Grounds (Amendment) ACT 1981 The Pastoral Measure 1983	Regional office
PLANNING (LISTED BUILDINGS AND CONSERVATION AREAS) ACT 1990 Planning (Listed Buildings and Conservation Areas) Regulations 1990 The Planning (Listed Buildings and Conservation Areas) (Amendment) (England) Regulations 2009 ANCI**ENT MONUMENTS AND ARCHAEOLOGICAL AREAS ACT 1979**	Regional office
OTHER	
ISO 14001:2015(E) ISO 14001:2015 (in transition)	Corporate
Corporate Environmental Policy	Corporate
Public Access to Environmental Information Directive 2003 Environmental Information Regulations 2015	Corporate
Framework Decision 2008/99/EC - Protection of the Environment through Criminal Law	Corporate
Environmental Civil Sanctions (England) Order 2010	Corporate

Appendix 2: Relevant Health and Safety Legislation

HEALTH AND SAFETY LEGISLATION AND OTHER REQUIREMENTS	Compliance
HISTORICAL PREMISES	
OFFICES, SHOPS & RAILWAY PREMISES ACT 1963	General provision
THE FACTORIES ACT 1961.	General provision
MANAGEMENT	
HEALTH AND SAFETY AT WORK, ETC ACT 1974.	General provision
Management of Health and Safety at Work Regulations 1999 (SI 1999/3242)	General provision
PREMISES	
Workplace (Health, Safety, and Welfare) Regulations 1992 (S.I.1992/3004) HSE guidance L60 and L24	Office arrangements
The Confined Spaces Regulations 1997 (S.I. 1997/1713) HSE guidance L101 recently updated.	Construction sites
The Work at Height Regulations 2005 (S.I. 2005/735) (WAHR) HSE guidance –INDG 401 (rev2) published 01/14.	Construction sites
Health and Safety (Display Screen Equipment) Regulations 2002 (S.I.1992/2792) HSE guidance INDG 36.	Office records
EMPLOYERS' LIABILITY (Compulsory Insurance) ACT1969	Available
Health and Safety (Safety Signs and Signals) Regulations 1996 (S.I. 1996/917) HSE guidance L64 – Safety signs and signals: Guidance on Regulations (3rd edition).[1]	Construction sites
OCCUPIER'S LIABILITY ACT 1957 **OCCUPIER'S LIABILITY ACT 1984**	Under contract operations.
Health and Safety (First Aid) Regulations 1981 (S.I. 1981/917) HSE Guidance L43, L74.	Construction sites & Regional Offices
The Regulatory Reform Fire Safety Order (RRFSO) 2005 (SI 1541)	Construction Sites & Regional Offices
PLANT & MACHINERY	
The Lifting Operations and Lifting Equipment Regulations 1998 (LOLER) HSE guidance L113 amendments introduced.	Construction Sites
Control of Noise at Work Regulations 2005 (S.I.2005/1643). HSE guidance L108.	Construction Sites

HEALTH AND SAFETY LEGISLATION AND OTHER REQUIREMENTS	Compliance
Control of Vibration at Work Regulations 2005 (S.I. 2005/1093) HSE guidance L141.	Construction Sites
Electricity at Work Regulations 1989 (S.I. 1989/635) HSE guidance L 128	Construction Sites
The Provision and Use of Work Equipment Regulations 1998 (PUWER). (S.I. 1998/2306) HSE guidance L 117, 112, 114, 22.	Construction Sites
EMPLOYERS' LIABILITY (Defective Equipment) ACT1969	
SUBSTANCES	
Control of Substances Hazardous to Health (COSHH) Regulations 2002 (SI 2002/2677) and Amends 2015. HSE guidance L5 modified.	Construction Sites
Control of Asbestos Regulations 2012 Control of Asbestos Regulations 2006 (S.I. 2006/2739). HSE guidance L 127 and 143 (amalgamated)	Construction Sites
Dangerous Substances and Explosive Atmospheres Regulations: S.I. 2002/2776 (DSEAR). HSE guidance L134, 135, 136, 137, 138 and INDG 370 under review.	Construction Sites
Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations SI 2009/1348. SI 2011/1885 amends the above to bring it into line with TPED Directive 2010/35/EU for transportable pressure equipment	Construction Sites
ACCIDENTS & REPORTING	
Reporting of Injuries, Diseases, and Dangerous Occurrences (Amendment) Regulations: SI 2013/1471	Construction Sites & Regional Offices
HSE guidance L 73 - A guide to the Reporting of Injuries, Diseases, and Dangerous Occurrences Regulations 1995	
CORPORATE MANSLAUGHTER and CORPORATE HOMICIDE Act 2007	
PEOPLE & PPE	
Manual Handling Operations Regulations 1992 (S.I. 1992/2793) HSE guidance, please see leaflets.	Construction Sites & Regional Offices
Personal Protective Equipment at Work Regulations 2002 (S.I. 1992/2966) HSE guidance L25.	Construction Sites

HEALTH AND SAFETY LEGISLATION AND OTHER REQUIREMENTS	Compliance
HEALTH ACT 2006	General provision
Health and Safety (Consultation with Employees) Regulations 1996 (S.I. 1996/1513) HSE guidance L 87, 95.	General provision
Working Time Regulations 1998	General provision
Health and Safety Information for Employees Regulations 2009 (S.I. 2009/606) Health and Safety Information for Employees Regulations 1989.	General provision
Safety Representatives & Safety Committees Regulations 1977.	General provision
OTHER	
A second draft of ISO 45001 has been published, the international replacement for the British health and safety management standard OHSAS 18001.	Available and communicated
Occupational Health, Safety Policy statement	Available and communicated
SIPP	Application made corporately

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

27 TREES, PLANTS AND ANIMALS



Version Control	Date
V1.2	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction, and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction and SHE Director	01.04.2025

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1. Introduction and Scope

1.1 Introduction

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document located on DocuShare.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> **The Primary SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Trees, plants and animals.

2. SHE Policy and Controls

The SHE Policy states:

- A land feasibility review is required to be undertaken by the Land Director, which forms a part of the SHE information pack.
- The protection required for trees, plants and animals during construction must be detailed in the Construction Phase Safety, Health & Environmental Plan, which is required to be developed by the Contracts Manager.

The Primary SHE Controls are:

- Controls are to be detailed in the SHE Forms 05 (Construction Phase SHE plan).
- A weekly inspection is required to be undertaken by the Site Manager (SHE Form 29) to assess compliance to the trees, plants and animals procedure.
- A monthly inspection is also undertaken by the Contracts Manager (SHE Form 18).

The SHE Relationship states:

- BRS 01 Pre-Commencement
- BRS 03 Appointment of Contractors
- BRS 06 Monitoring, Reporting and Auditing of SHE Standards
- BRS 07 Development Induction and Safety, Health and Environmental Briefings (SHEBs)
- SHE Form 01 Land Purchase Feasibility
- SHE Form 02 Checklist for Pre-Commencement Meeting
- SHE Form 04 Pre-Construction Safety, Health and Environmental Pack
- SHE Form 05 Construction Phase Safety, Health & Environmental Plan
- SHE Form 14 Safe System of Work Evaluation
- SHE Form 16 Site Diary
- SHE Form 18 Contracts Managers / Project Directors SHE Tour
- SHE Form 29 Site Management SHE Tour
- SHE Form 95 Temporary Works Assessment

3. Additional Mandatory Controls - Trees, Plants and Animals

		Reference	Responsibility
1.0	**Trees and Plants**		
1.1	A survey of the requirements for protected plants must be undertaken as part of the land feasibility review and included in the SHE Information Pack. This will include a tree constraints plan identifying the position of protective fencing and its construction, a schedule of remedial tree surgery and the position of structures in relation to the trees.	SHE Form 01 SHE Form 04	Technical Director
1.2	Information must be provided on any plants listed in Schedule 9 of the Wildlife and Countryside Act, which are protected from unauthorised and intentional picking, uprooting and destruction.	SHE Form 01 SHE Form 04	Technical Director
1.3	Relevant information about protected trees and plants must be communicated to the site team at the pre-commencement meeting.	SHE Form 02 BRS 01	Technical Director
1.4	The protection required for protected trees and plants during construction must be detailed in the Construction Phase Safety, Health & Environmental Plan and be monitored by Site Management and SHE Team.	SHE Form 05 SHE Form 29 SHE Form 18	Contracts Manager/ SHE Dept
1.5	All protection measures must be included in the site specific rules for the developments and relayed to all operatives at induction.	SHE Form 05 BRS 07	Site Manager
1.6	All tree works must be undertaken by a qualified arboriculture contractor and undertaken in accordance with BS 3998 'Recommendations for tree work'.	BRS 03 SHE Form 14	Technical Director
1.7	When excavating under and around the canopy of trees or hedges (in a Precautionary Zone illustrated in Diagrams 1 and 2), control measures must be taken to avoid damage to roots, unless the tree is to be removed.	SHE Form 04 SHE Form 05	Contracts/Site Manager
1.8	Trees must be protected in accordance with BS 5837 – 'Trees in relation to construction'. The minimum distance that protection should be provided is detailed in Diagram 3.	SHE Form 04 SHE Form 05	Contracts/Site Manager
1.9	Protective barriers provided must be suitable to prevent damage to the trees and their roots. The minimum standard is 1.2m high fence constructed using chain link, weld mesh or chestnut pale. Fencing must be fastened to upright posts at max 3m centres. Fencing height may need to be increased to 2.2m if the trees are well established and require more substantial protection due to the scope of the works.	SHE Form 04 SHE Form 05	Contacts/Site Manager

		Reference	Responsibility
1.10	The storage of chemicals, diesel or oils must not take place within 5m of any protected zone.	SHE Form 05	Site Manager
1.11	Signs must be erected on the protective barriers which state; Tree Protection Zone	SHE Form 05 SHE Form 04 Construction Signage Brochure GS 59	Site Manager
1.12	Where the need for ground protection is identified, the following protection measures must be considered. ▪ For pedestrian access, ground protection with scaffold boards laid butt jointed on a 50mm cushioning layer of bark (only in this scenario) or single size gravel, spread on a top of porous geotextile membrane. ▪ Access haul roads or close construction involving heavy loads will require a reinforced concrete slab or proprietary cellular confinement system laid on a geotextile membrane. ▪ Both must be removed and root zone enhancement undertaken by a qualified arboriculturist on completion of the works.	SHE Form 04 SHE Form 05 SHE Form 95	Contracts Manager Development TWC/TWS
1.13	Trees must not be damaged or removed unless necessary for the construction and assurance has been obtained from the Development / Technical Manager that they are not protected by Tree Preservation Orders.	SHE Form 04 SHE Form 05	Contracts/Site Manager
1.14	Hedgerows must not be removed, unless absolutely necessary for the scheme, and assurance has been obtained from the Development/Technical Manager that it is not protected under the Hedgerows Regulations.	SHE Form 04 SHE Form 05	Contracts/Site Manager
1.15	If any member of staff or a contractor suspects they are working in an area that may contain protected species, and this has not been clearly identified on the site plan, or visually signed on site, they must report this immediately to the Site Manager and avoid taking any action that may damage the area. All damage must be reported in the site diary so remedial action can be taken.	SHE Form 16	Site Manager

Diagram 1: Precautionary zone around a tree

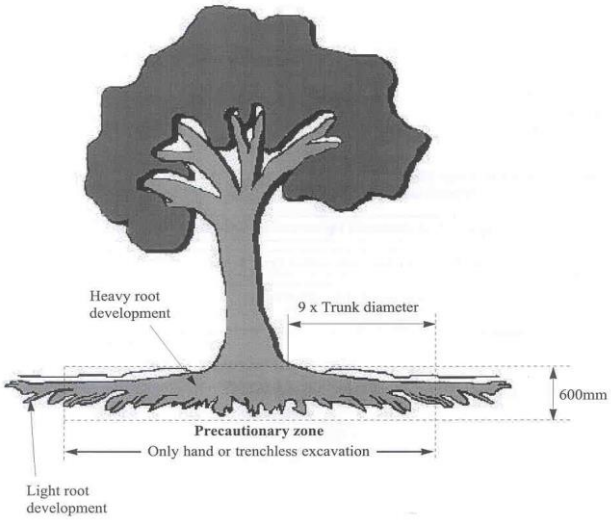


Diagram 2: Precautionary Zone around a hedge (1m from edge)

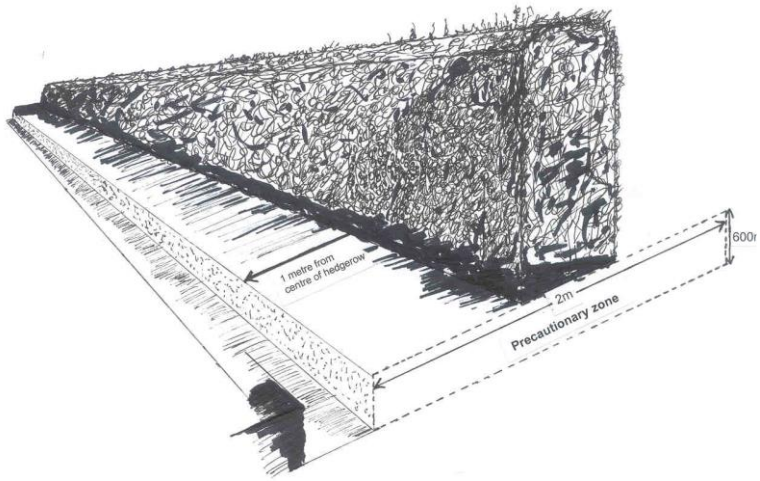
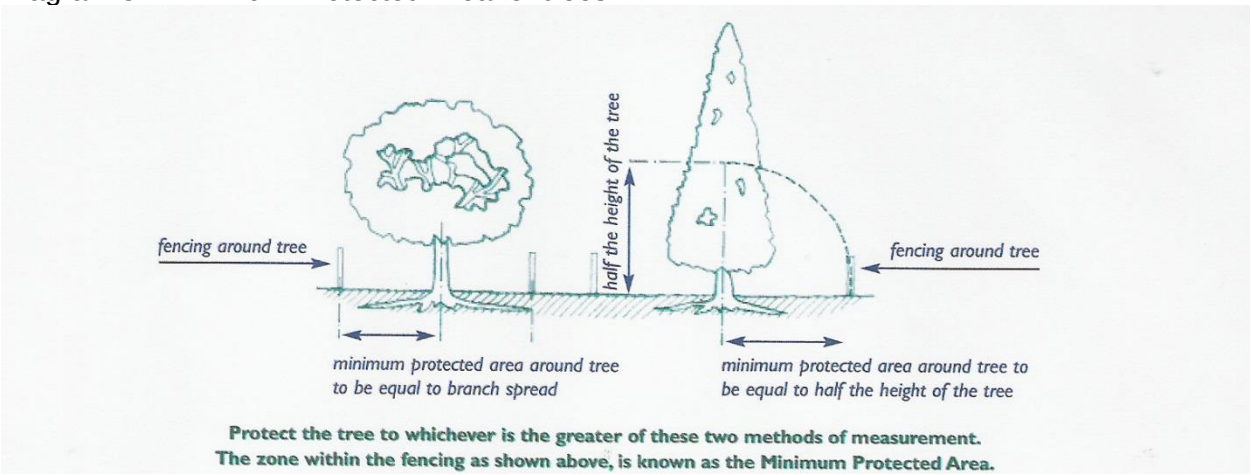


Diagram 3 – Minimum Protected Area for trees



		Reference	Responsibility
2.0	**Animals**		
2.1	An evaluation of protected animals or endangered species must be undertaken as part of the land feasibility review and included in the SHE information pack.	SHE Form 01 SHE Form 04	Technical Director
2.2	Relevant information about protected animals/species must be communicated to the site team at the pre-commencement meeting.	SHE Form 02 BRS 01	Technical Director
2.3	The protection required for protected wildlife must be detailed in the Construction Phase SHE Plan and monitored by Site Management and SHE Team.	SHE Form 05 SHE Form 29 SHE Form 18	Contracts Manager / Site Manager SHE Dept
2.4	All protection measures must be included in the site specific rules for the developments and relayed to all operatives at induction.	BRS 07	Site Manager
2.5	If any member of staff or a contractor suspects they are working in an area that may contain protected or endangered species, and this has not been clearly identified on the site plan, or visually signed on site, they must report this immediately to the Site Manager and avoid taking any action that may damage the area. All damage must be reported in the site diary so remedial action can be taken.	SHE Form 16	Site Manager
2.6	Protected animals include the following: **Bats** are commonly found in trees, houses, old barns, underground structures and industrial buildings. The law protects bats and their roost sites whether or not bats are present at the time **Nesting Birds** – It is illegal to damage the nests of any species of birds whilst in use. **Otters/Water Voles** – Where developments are undertaken close to river/streams and waterways, the habitat and welfare of these animals must be protected. **Badgers** - Their habitat and foraging territory must be protected. **Slow worms** – a legless lizard frequently found under rubble or made up ground. These worms are protected along with other native reptiles from being killed or injured. The main problem is that a reptile survey can only be conducted in the summer months and can take several weeks.		

		Reference	Responsibility
	Great crested newts – these spend their lives occupying suitable habitats within 200-500 metres of their breeding pool. Any development near ponds will require a survey to establish potential newts and these zones will need to be protected with a suitable fence.	Great crested newt mitigation guidelines issued by Natural England or District Level Licencing scheme	
3.0	**Homes For Nature**		
3.1	Barratt Redrow are signatories to the Future Homes Hub – Homes for Nature. Wildlife features for the development must be identified in the Ecology Survey section in the Pre-Construction Safety, Health and Environmental Pack.	SHE Form 04 SHE Form 05	
	Upon the detail of schemes being agreed, this information must be relayed to Section 8 of the SHE Form 05 for monitoring against the proposed installations.	SHE Form 05 SHE Form 29 QA14	

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

28 ENVIRONMENTAL PROTECTION



Version Control	Date
V1.1	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction and SHE Director	01.04.2025

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1. Introduction and Scope

1.1 Introduction

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document located on DocuShare.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> **The SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Safety, Health & Environmental Director, Group Safety, Health & Environment (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of, compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Watercourse protection and site drainage
- Chemical storage, discharge and spillage.

2. Environmental Protection

The SHE Policy states:

- A Surface Water Management Plan must be developed and detailed in the Construction Phase Safety, Health and Environmental Plan. This must detail all measures in plan to protect all receptors, both permanent and temporary during (and post) construction.
- All site dewatering activities must be either under and Environmental Discharge consent (issued by the relevant Enforcement Agency) or a Barratt Redrow Permit, which is issued by the Site Manager.
- Oil must be stored in either an integrally bunded tank with an integral secondary containment that can hold a minimum of 110%.
- The chemical products to be utilised on site must be detailed in the Construction Phase Safety, Health & Environmental Plan and their storage and use reviewed via an appropriate assessment. All chemical products must be stored in a lockable container to prevent authorised discharge and use.

The SHE Control are:

- Discharge Consents must be obtained from the relevant enforcement agency for all dewatering activities that require treatment. Records of all dewatering actives must be maintained.
- A permit for dewatering activities must be issued by a Barratt Redrow Site manager before any dewatering activity commences.
- The chemical products to be utilised on site must be detailed in the Construction Phase Safety, Health & Environmental Plan and their storage and use reviewed via an appropriate assessment.
- The location of the spill kit must be clearly identified on the Traffic Management Plan and the controls for spills detailed in the Construction Phase Safety, Health & Environmental Plan.
- An assessment of the controls required for any Sustainable Drainage System (SuDS) must be undertaken.
- Training for employees must be in accordance with the Group SHE Training Matrix.

The SHE Relationship states:

- BRS 06
- SHE Form 01 Land Purchase Feasibility Checklist
- SHE Form 05 Construction Phase Plan
- SHE Form 10/10a Surface Water Management Inspection/Close Out
- SHE Form 18 Contracts Projects Managers SHE Tour
- SHE Form 29 Safety, Health and Environmental Site Tour
- SHE Form 86 Sustainable Drainage Risk Assessment
- SHE Form 92 Permit to Discharge into Watercourse
- SHE Form 93 Record of Water Sampling

		Reference	Responsibility
3.0	**Planning** Managing surface water from construction sites can cause major economic and environmental challenges. Most pollution incidents are avoidable and with careful planning the risk of pollution can be minimised using a combination of various effective measures.	BRS 01	Managing Director
3.1	There are several types of pollution that could occur on a house development, but the most common and highest risk is silt pollution and it can easily damage and kill aquatic life by smothering and suffocating and can cause flooding by blocking culverts and channels.		
3.2	At the point of land purchase, details of all existing watercourses (e.g. streams, ditches etc) should be identified as part of a Water Course Survey. This should also include taking water quality samples in order to ascertain levels of pollution that may or may not already exist.	SHE Form 01	Land / Technical Director
3.3	During the pre-construction phase, Geotechnical and Environmental reports assessing soil type and topography should be reviewed when developing a Surface Water Management Plan. This should include all permanent protection measures of all receptors. This plan should also include temporary arrangements to facilitate the first phase of roads and sewers including the construction or outfalls.	SHE Form 05, Section 18	Contracts Manager
3.4	The Surface Water Management Plan (The Plan) must also identify the permanent measures installed by the roads and sewers contractors, but also include any further measures and maintenance required by the Groundworkers to facilitate on going build i.e. further topsoil / vegetation strips.	SHE Form 05, Section 18	
3.5	The surface water management plan is required as part of the development of the Construction Phase Safety, Health and Environmental Plan	SHE Form 05, Section 18	
3.6	To ensure that any surface water leaving a 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	NOTE	

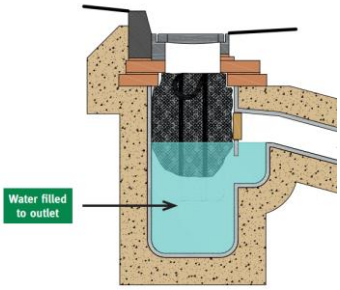
		Reference	Responsibility
	• the implementation of specific measures for capture (lagoons) and final treatment within our boundaries, prior to being discharged off site • Implementation of Emergency Measures/ Arrangements		
3.7	Additionally, the plan will identify the requirements to ensure that any implemented measures are adequate and effective, through monitoring, sample collection or other means.	SHE Form 10 SHE Form 10a SHE Form 18 SHE Form 29	Technical Director / Contracts/Site Manager
3.8	Monitoring records (logs, photographs etc.) must be a kept. The plan will identify the responsible parties (named) for each item and the frequency of each event.	SHE Form 10 SHE Form 10a	Technical Director / Contracts/Site Manager
3.9	The plan will be reviewed at appropriate frequencies dependant on risk and impact, but not exceeding three monthly intervals.	SHE Form 05 Section 18 BRS 01 – Section 9.0	Technical Director / Contracts/Site Manager
3.10	An assessment of the controls required for any Sustainable Drainage System (SuDS) must be undertaken. The assessment must be in the format approved by the Barratt Redrow plc but can be undertaken by the scheme designers as part of their management system, as long as the content / detail is at least equivalent to that detailed in SHE Form 86. This assessment must be reviewed at least annually.	SHE Form 86	Technical Director
3.11	**Appointment of Environment Consultants**		
	A Specialist Consultant shall be appointed where a site is known to have sensitive water receptors, such as watercourses either within or in close proximity to the site boundaries.	SHE Form 01 SHE Form 03	Technical Director
3.12	The frequency of visits undertaken by specialist consultants will depend upon the surface water management risk on site and this frequency shall be referenced in the Site Surface Water Management Plan. Frequency of visits may fluctuate from monthly, quarterly and bi-annual visits, pending on the risk level deemed by the Technical Dept and the SHE Dept.	Surface Water Management Plan	Technical Director SHE Dept
3.13	Specialist consultant reports must be reviewed by the Technical Dept when completing the monthly SHE Form 10's. Any actions if deemed appropriate must referenced on the SHE Form 10 so they can be closed out via the SHE Form 10A.	SHE Form 10 SHE Form 10a Section 13	Technical Director

		Reference	Responsibility
4.0	**Prevention of contamination of watercourses and site drainage systems**		
4.1	All rivers and streams adjacent to the development must be protected from sediment run-off from the site. This may involve taking the following precautions. • **Excavations** Where possible prevent water from entering excavations. Use cut-off ditches to prevent entry of surface water and well point dewatering or cut-off walls for ground water. Use the corner of the excavation as a pump sump and avoid disturbing that corner. Do not allow personnel or plant to disturb water in the excavation. • **Exposed ground and stockpiles** Minimise the amount of exposed ground and stockpiles. Stockpiles can be seeded or covered and silt fences constructed from a suitable geotextile may be useful. • **Plant and wheel washing** Wheel washes and plant washing facilities should be securely constructed with no overflow and the effluent should be contained for proper treatment and disposal. • **Site roads** These must be regularly brushed or scraped and kept free from dust and mud deposits. In dry weather dust suppression measures will be required. • **Silty water** Always ensure that adequate provision for dealing with silty water is included in the site Construction Phase Safety, Health and Environmental Plan. • **Silt Mats** A versatile, heavy-weight silt control product used on land, in ditches or in streams and rivers. Silt mats can be positioned suit the channel type, channel dimensions and flow rate to give the most effective coverage. Mats are staked directly into the channel bed but they can also be weighted down. • **Use of Floc Mats and Flocculants** Floc Mats can be placed in ditches and channels, as water moves over and through the biodegradable mat fibres they capture and trap silt, clay and other fine sediment naturally.	Surface Water Management Plan	Technical Director/ Contracts Manager

		Reference	Responsibility
	Flocculation refers to the process whereby fine particles are made to clump together into a larger and heavier particle called a 'floc'. This process is very useful for separating solids from liquids. Flocculants can play a crucial role in water treatment by preventing silt pollution escaping from site and into watercourses. NOTE: Regulators, such as the Environment Agency (EA), Scottish Environmental Protection Agency (SEPA), Natural Resources Wales (NRW) and Northern Ireland Environment Agency regulate the use of flocculants on construction sites. • **Silt Barriers** Fencing and barriers should be installed where required to prevent silt water run off affecting site boundaries and water receptors. Fencing and barriers must be inspected, maintained to ensure prevention against Silt Water Contamination. 		
5.0 5.1	**Temporary Dewatering from Excavations to Surface Water** A water discharge activity permit (from the Environment Agency) is <u>not</u> required when discharging rainwater from an excavation where the below applies. • Discharge is clean rainwater or infiltrated groundwater which has collected in the bottom of the trench • It will not result in suspended solids entering the surface water • Discharge lasts no more than 3 consecutive months (the activity may stop and restart but the clock does not restart). If it is likely to go over 3mths then a permit will be required • Discharge is only to surface water such as a river or stream		Contracts Manager / Site Manager

		Reference	Responsibility
	• The controls are detailed in a method statement for the operation • Discharge cannot take place within or less than 500m upstream of; Sites of Scientific Interest, Special Areas of Conservation, Special Protection Areas and other nature conservation areas such as nature reserve.		
5.2	A water discharge activity permit (from the Environment Agency) will be required when using a treatment method to remove silt. This will need to be in place before any dewatering activities take place.	SHE Form 92	Technical Director / Site Manager
	A discharge consent will have monitoring requirements, and these will need to be undertaken at intervals stipulated by the permit and recorded on SHE Form 93.	SHE Form 93	Technical Director / Site Manager
5.3	Irrespective of any Environmental Agency requirement, any dewatering on a Barratt Redrow site will require a Barratt Redrow Permit to be in place before the activity is undertaken. This to ensure that the correct controls are in place and no environmental pollution is taking place. The permit is to be issued by the Technical Dept and controlled by the Site Manager.	SHE Form 92	Technical Director / Site Manager
5.4	Records of the above must be maintained for a minimum of 2yrs on A-site. Further information can be found at https://www.gov.uk/government/publications/temporary-dewatering-from-excavations-to-surface-water/temporary-dewatering-from-excavations-to-surface-water	SHE Form 92 SHE Form 93	Site Manager
5.5	The use of settlement tanks is becoming more critical for applications where water with fines is to be discharged into a water course. The Environmental Agency is enforcing the requirement to separate solids before discharging. 		

		Reference	Responsibility
6.0	**Protection of site drainage systems**		
6.1	Gully Protection products can aid improving the water quality by retaining chemical content such as hydrocarbon's, heavy metals, de-icing agents amongst others of which are typically found in run-off prior to discharge.	SHE Form 05 Groundwork Trade Specification	Contracts Manager
6.2	Gully Protection systems are an environmentally friendly silt trap, which require low maintenance and are a reusable engineered solution that assists in the prevention of blocked gullies, surface flooding and watercourse contamination due to silting and debris build-up.	Surface Water Management Plan	Groundwork Contractor
6.3	Gully Protection Systems are easily installed within gulley pots and other water transport systems such as manhole chambers and channel drainage systems and works by trapping the debris and contaminants carried by surface water run-off. 		
6.4	Proprietary Drainage Protection Systems has been developed to provide a sustainable and maintainable solution to prevent silt and suspended solids from migrating to the outfall of the surface water system. The benefits of installing these products during the construction phase are that they help prevent and alleviate pollution to the downstream connected wetland, pond or watercourse.		
6.5	The product is designed to be installed into the last surface water manhole/chamber before the final outfall.		
6.6	This blocks silt or debris that has not been removed by other silt management systems that should be installed upstream in road gullies and manhole covers and to also support any headwall protection system.		

		Reference	Responsibility
	 		
6.7	Gully bags should only be used as a Gully protection product if it has not been possible to install more effective proprietary drainage systems. They should be considered as the least favourable solution.		
7.0	**Inspection and Maintenance of Gully Protection System Products**	SHE Form 29	Site Manager
7.1	Gully protection must be inspected in line with the SHE Form completion requirements of the Site/Contracts Mangers/SHE Dept/Tech Dept and any remedial work required is relayed through the SHE Form 10a.	SHE Form 10 SHE Form 10a SHE Form 18 SHE Form 29	Contracts Manager/ Groundwork Contractor SHE Dept
7.2	Maintenance would simply involve the removal of the product and power hose off in a bund to contain and manage silt and any contaminants prior to reinsertion back into the gully pot.	SHE Form 10	Technical Manager
7.3	The groundwork contractor must be informed to ensure maintenance and replacement of the gully protection products.	Trade Specification	Commercial Director
8.0	**Disposal of Gully Protection Products**		
8.1	Gully waste must be treated in the same manner as road sweeper arisings as identified in the plan.	Surface Water Management Plan.	Contracts Manager / Site Manager / Groundwork Contractor
8.2	Environmental Risk Assessment and Waste classification to be determined by suitably trained & competent person.	NOTE	
9.0	**Storage of Chemicals and Oils**		
9.1	Oils and Chemicals must have a designated storage area. These areas shall be: • Identified on the site Traffic Management Plan • Clearly identified with appropriate signage	SHE Form 05	Contracts Manager/ Site Manager

		Reference	Responsibility
9.2	Static Oil Storage Containers Oil must be stored in either an integrally bunded tank or a double skinned tank: • An 'integrally bunded tank' has a primary container manufactured with an integral secondary containment that can hold a minimum of 110% of the volume of fuel in the inner tank. Any ancillary equipment used to re-fuel must be stored within the secondary containment. These tanks must be fitted with an overfill prevention device and secondary containment sensors that detect if fuel has collected in the bund from an incorrect delivery, overfill or inner tank problem. • A 'double skinned tank' has two layers of steel or plastic with a small space between them, which would normally not have the capacity to contain 110% of the fuel the tank can hold. It must be installed in a constructed secondary containment system capable of containing the content of the tank. Any ancillary equipment is usually positioned outside the second skin and therefore locking of the supply is essential. In addition: • Containers must be positioned so that they are not vulnerable to impact from vehicles. • Tanks must not be positioned within 10 metres of any direct pathways to watercourses such as surface water drains or land drains. • Valves and other ancillary equipment must be locked and kept within the bund when not in use. • Hoses and fittings for filling vehicles etc. must have an automatic valve or tap which closes automatically when not in use. This must not be able to be fixed in the open position. • All rainwater accumulating in the bund must be removed. This waste will need to be treated as hazardous if contaminated with oil.		Site Manager

		Reference	Responsibility
9.3	**Mobile Bowsers** Must conform to the following; • Where possible be stored in 'integrally bunded tanks' which have a primary container manufactured with an integral secondary containment that can hold a minimum of 110% of the volume of fuel in the inner tank. Ancillary equipment will also be positioned within the secondary containment. These tanks must be fitted with an overfill prevention device and where possible, secondary containment sensors that detect if fuel has collected in the bund from an incorrect delivery, overfill or inner tank problem. • Drip trays must be provided to contain any leak/spills during refuelling. • Must be positioned so that they are not vulnerable to impact from vehicles. • Must not be positioned within 10 metres of any watercourse. • Valves and other ancillary equipment must locked and be kept within the Bowser when not in use. • Hoses and fittings for filling vehicles etc. must have an automatic valve or tap which closes automatically when not in use. This must not be able to be fixed in the open position. • All rainwater accumulating in the Bowser/Drip tray must be removed. This waste will need to be treated as hazardous if contaminated with oil.		Site Manager
9.4	Storage and use of other chemicals (Quantities less than 200L) • The chemical products to be utilised on site must be detailed in the Construction Phase Safety, Health & Environmental Plan and their storage and use reviewed via an appropriate assessment. • All chemical products must be stored in a lockable container to prevent authorised discharge and use.	SHE Form 05 BRS 10	Site Manager

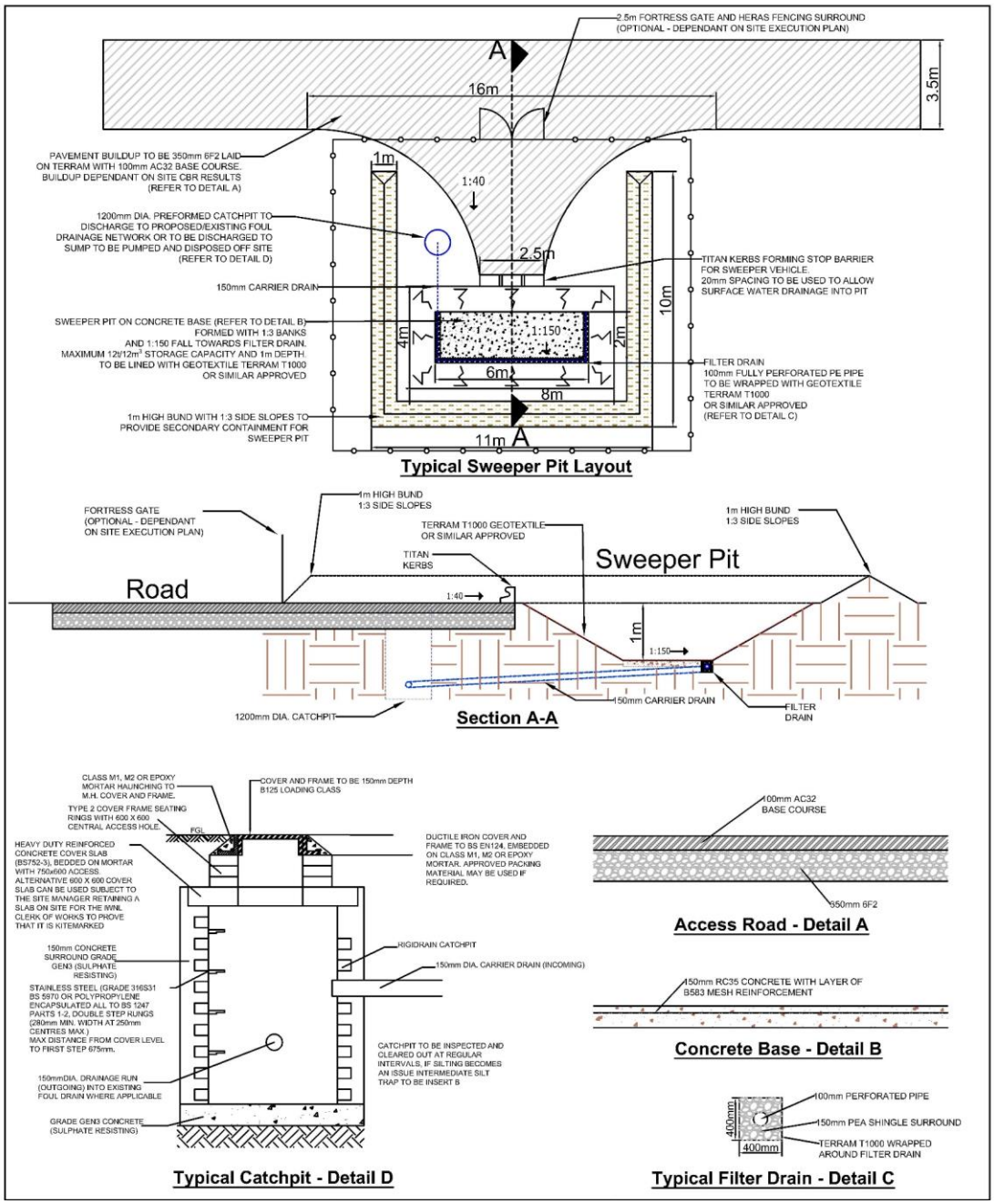
		Reference	Responsibility
9.5	Storage of Flammable Liquids and LPG		
	• Containers of Flammable liquids and LPG cylinders must be stored in suitable cages in open compounds which are securely fenced and shaded from the sun.		Site Manager
	• Flammable liquids and LPG must not be stored together.		Site Manager
	• Where the storage of flammable liquids or LPG is necessary the quantity stored must be kept to a minimum based on assessment and the facilities for storage.		Site Manager
	• They must be stored at least 10 metres from the structure or temporary buildings. They can only be stored closer if the walls of any structure or temporary building is 30mins fire resistant.		Site Manager
	• Storage areas must be appropriately signed.	Construction Signage Brochure	Site Manager
9.6	**Security**		
	• Storage areas must be designed/located to prevent unauthorised interference and vandalism.		Site Manager
10.0	**Dealing with Spills**		
10.1	A spill kit must be available on site which is capable of containing any oil contamination. The following spill kit capacities must be provided:	SHE Form 05	Site Manager
	• For static tanks located in compounds or other semi-permanent locations a tank with capacity of 1000 litres to 2000 litres a spill kit capacity of 340 litres shall be provided.		
	• For static tanks located in compounds or other semi-permanent locations a tank with capacity of >2000 litres to 3000 litres a spill kit capacity of 600 litres shall be provided.		
	• For static tanks located in compounds or other semi-permanent locations a tank with capacity of >3000 litres the SHE Manager must be notified to advise of the spill kit requirements.		

		Reference	Responsibility
	• For mobile tanks, located around the development up to 2000 litres capacity a 120 litres spill kit must be provided and within the kit a "Dammit" or other suitable paste must be provided for plugging potential holes in the tank and restricting fluid loss. • Where the development is at the execution stage and full compound facility is lost, then 340 litres & 600 litres spill kits can be replaced with 120 litres kits with plugging paste. • Used spill kits must be disposed as hazardous waste. Do not hose down any spillages.		
10.2	The location of the spill kit must be clearly identified on the Traffic Management Plan and the controls for spills detailed in the Construction Phase Safety, Health and Environmental Plan.	SHE Form 05	Site Manager
10.3	Where any discharge has occurred action must be taken to minimise contamination of watercourses.		Site Manager
10.4	All environmental incidents must be recorded on Group incident reporting platform and reported immediately to Managing Director, Construction Director and SHE Department	Group Incident Reporting Platform	Contracts Manager / Site Manager
11.0	**Road Sweepers**		
11.1	Road sweepings can contain mixed waste materials, including leaves, grit, mud, litter, glass, oils, paper, plastics and cans. The silt/muds may contain heavy metals, other contaminants (e.g., road salt) or de-icing chemicals and have high leachable organic content. Road sweepers are to be clean on arrival to site.	Appendix 1	Technical Director/ Construction Director
11.2	There are 2 options for disposing of the waste: Option 1 - Waste to be removed from site by the sweeper company Option 2 - Waste tipped into a dedicated secure location on site. When setting up a sweeper pit, the area must be secured with fencing and bunded (See typical example – Appendix 1)		
11.3	Road sweepers cannot tip on site if they have visited other sites to prevent cross contamination.		
11.4	The following are Environment Agency regulatory requirements for street sweepings. If these are not met, then an environmental permit for waste operations will be required.		

		Reference	Responsibility
	• Only screen and dewater road sweeping waste from building sites may be stored • No more than 12 tonnes of road sweeping waste can be stored at any one time • Road sweeping waste can only be stored for a maximum of 1 month • Over a 7 day period there can be no more than 30 tonnes of road sweeping waste. • Road sweeping waste must be stored, screened and dewatered in a secure place on an impermeable surface with secondary containment.		
12.0	**Concrete Wash Out Areas**		
12.1	Concrete washout can be contained in a lined skip. This must be impermeable and designed to ensure no untreated wash water can enter surface water drains or watercourses, including groundwater.		Contracts/ Projects Manager
12.2	Contaminated water can be allowed to evaporate, taken away by tanker or be treated to neutralise the alkalinity before discharging.		
12.3	Concrete wagon wash-out contains suspended solids and has a high pH (is highly alkaline), therefore has the potential to pollute watercourses and groundwater. If concrete pours are expected, suitable measures for preventing or dealing with concrete wash-out water must be identified and agreed with subcontractors or suppliers.		Contracts/ Projects Manager
13.0	**Monitoring and Maintenance**		
13.1	The following environmental monitoring is to take place on site: • Monthly SHE10 visits – Ensure that there is sufficient detail and that all actions are addressed, or ensure missed actions are logged. • Daily (Site Manager) Inspections • Weekly Site Manager Inspections	BRS 06/ SHE Form 29 SHE Form 10 SHE Form 10A Section 3	Technical Director/Site Manager
13.2	The above inspections and reports should include photographic evidence, including any bad practices or pollution from adjacent sites. Ensure contractor is fulfilling their duties to maintain the control measures.	QA 14 & 28 SM & CM Site Close Down Forms	Contracts Manager / Site Manager

		Reference	Responsibility
	Ensure a pump station monitoring and maintenance contract has been implemented to prevent blockages and spills. Inspections are to be completed to drainage systems using camera recording equipment.		Site Management
13.3	When jetting storm water runs an inspection to the last outfall manhole must be completed before works commence. Hydro-brakes must be in place to prevent silt running directly into the watercourse system or the outlet must be stoppered, the manhole used as a catch pit to allow for the contents to be pumped out. Where the outfall runs directly into a watercourse through a headwall then silt protection must be installed.		
14.0	**Use of Hydrants on Site**		
14.1	There may be occasions where there is a requirement for a temporary water supply on a site via a hydrant. Water Companies must ensure that drinking water is protected, therefore connection to the water network can only be through an approved standpipe for temporary supply. These standpipes are fitted with a double-check valve that prevents water from entering the water mains, a water meter to monitor the water leaving the mains and GPRS capability to ensure all usage is tracked. Each water company will have an agreement specific to their network, most having an approved contract partner where the standpipes can be hired. Details of which can be found on their websites.		Site Management
14.2	The site team must, through the Technical Department, identify the regional Water Company for the development, and therefore which approved contract partner to arrange standpipe hire. It is worth noting that approved standpipes are often brightly coloured and therefore any that are non-approved are easily identifiable.		Technical Director Site Management
14.3	The use of non-approved standpipes is considered an offence under section 174 of the Water Act and should be reported immediately to the Water Company or their approved contract partner.		

Appendix 1 – Typical Sweeper Pit


2.5m FORTRESS GATE AND HERAS FENCING SURROUND (OPTIONAL - DEPENDANT ON SITE EXECUTION PLAN)
A
16m
3.5m
PAVEMENT BUILDUP TO BE 350mm 6F2 LAID ON TERRAM WITH 100mm AC32 BASE COURSE. BUILDUP DEPENDANT ON SITE CBR RESULTS (REFER TO DETAIL A)
1m
1:40
1200mm DIA. PREFORMED CATCHPIT TO DISCHARGE TO PROPOSED/EXISTING FOUL DRAINAGE NETWORK OR TO BE DISCHARGED TO SUMP TO BE PUMPED AND DISPOSED OFF SITE (REFER TO DETAIL D)
2.5m
TITAN KERBS FORMING STOP BARRIER FOR SWEEPER VEHICLE. 20mm SPACING TO BE USED TO ALLOW SURFACE WATER DRAINAGE INTO PIT
150mm CARRIER DRAIN
SWEEPER PIT ON CONCRETE BASE (REFER TO DETAIL B) FORMED WITH 1:3 BANKS AND 1:150 FALL TOWARDS FILTER DRAIN. MAXIMUM 12l/12m³ STORAGE CAPACITY AND 1m DEPTH. TO BE LINED WITH GEOTEXTILE TERRAM T1000 OR SIMILAR APPROVED
4m
1:150
2m
10m
6m
8m
FILTER DRAIN 100mm FULLY PERFORATED PE PIPE TO BE WRAPPED WITH GEOTEXTILE TERRAM T1000 OR SIMILAR APPROVED (REFER TO DETAIL C)
1m HIGH BUND WITH 1:3 SIDE SLOPES TO PROVIDE SECONDARY CONTAINMENT FOR SWEEPER PIT
11m
A
Typical Sweeper Pit Layout
FORTRESS GATE (OPTIONAL - DEPENDANT ON SITE EXECUTION PLAN)
1m HIGH BUND 1:3 SIDE SLOPES
TERRAM T1000 GEOTEXTILE OR SIMILAR APPROVED
TITAN KERBS
1m HIGH BUND 1:3 SIDE SLOPES
Road
Sweeper Pit
1:40
1m
1:150
1200mm DIA. CATCHPIT
150mm CARRIER DRAIN
FILTER DRAIN
Section A-A
CLASS M1, M2 OR EPOXY MORTAR HAUNCHING TO M.H. COVER AND FRAME.
COVER AND FRAME TO BE 150mm DEPTH B125 LOADING CLASS
TYPE 2 COVER FRAME SEATING RINGS WITH 600 X 600 CENTRAL ACCESS HOLE.
FGL
HEAVY DUTY REINFORCED CONCRETE COVER SLAB (BS752-3), BEDDED ON MORTAR WITH 750x600 ACCESS. ALTERNATIVE 600 X 600 COVER SLAB CAN BE USED SUBJECT TO THE SITE MANAGER RETAINING A SLAB ON SITE FOR THE WHL CLERK OF WORKS TO PROVE THAT IT IS KITEMARKED
DUCTILE IRON COVER AND FRAME TO BS EN124, EMBEDDED ON CLASS M1, M2 OR EPOXY MORTAR, APPROVED PACKING MATERIAL MAY BE USED IF REQUIRED.
150mm CONCRETE SURROUND GRADE GEN3 (SULPHATE RESISTING)
RIGIDRAIN CATCHPIT
150mm DIA. CARRIER DRAIN (INCOMING)
STAINLESS STEEL (GRADE 316S31 BS 5970 OR POLYPROPYLENE ENCAPSULATED ALL TO BS 1247 PARTS 1-2, DOUBLE STEP RUNGS (280mm MIN. WIDTH AT 250mm CENTRES MAX.) MAX DISTANCE FROM COVER LEVEL TO FIRST STEP 675mm.
CATCHPIT TO BE INSPECTED AND CLEARED OUT AT REGULAR INTERVALS. IF SILTING BECOMES AN ISSUE INTERMEDIATE SILT TRAP TO BE INSERT B
150mmDIA. DRAINAGE RUN (OUTGOING) INTO EXISTING FOUL DRAIN WHERE APPLICABLE
GRADE GEN3 CONCRETE (SULPHATE RESISTING)
Typical Catchpit - Detail D
100mm AC32 BASE COURSE
950mm 6F2
Access Road - Detail A
150mm RC35 CONCRETE WITH LAYER OF B583 MESH REINFORCEMENT
Concrete Base - Detail B
100mm PERFORATED PIPE
400mm
150mm PEA SHINGLE SURROUND
400mm
TERRAM T1000 WRAPPED AROUND FILTER DRAIN
Typical Filter Drain - Detail C

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

29 WASTE MANAGEMENT



Version Control	Date
V3.2	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
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Introduction and Scope

1.1 Introduction

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **!** **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> ✓ **The Primary SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> △ **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE team are fully conversant with these policies and procedures. The adoption of compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Waste management.

2. SHE Policy and Controls

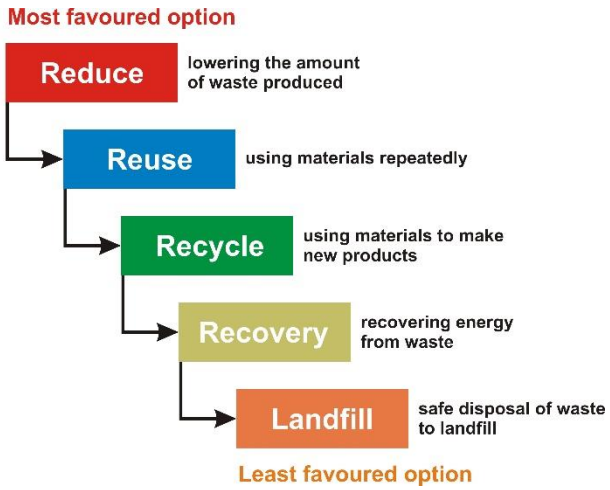
The SHE Policy states:

- A review of all opportunities for waste minimisation via the Group procurement process must be undertaken for all suppliers and each challenged to reduce waste through the construction process.
- All waste disposal companies used must be permitted or licensed by the EA, NRW and SEPA respectively. In England and Wales, they will be covered by an Environmental Permit or an Exemption and in Scotland they will be covered by a WML or an Exemption.

The Primary SHE Controls are:

- All sites must have appropriate colour coded signage for each waste stream. Tipper skips to be labelled with appropriate waste stickers to ensure segregation at source. Segregation / compound area to have appropriate signage to ensure the area is clearly visible.
- All sites to ensure contractors adhere to the segregation at source instruction utilising tipper skips/bins to eliminate cross contamination of waste streams.
- Divisional Construction Director/Manager and Commercial Director to meet with the Waste Management Provider to discuss and improve waste management.
- Site Manager must perform periodic reviews to ensure that waste from site is being handled correctly and transferred to the final point of disposal or recovery as detailed on the SWMP and as per waste transfer note/Consignment note.

3. Waste Management

		Reference	Responsibility
1.0	**Introduction**		
1.1	This Barratt Redrow Standard details the Waste Management policy and procedures. The policy and procedures reflect the company's commitment to waste management as part of our overall Environmental policy.		Managing Director/ Operations Director
1.2	We are committed to: Adopting embed Circular Economy principals (outlined in **Appendix 2 – Circular Economy**), including a life-cycle approach towards design and specification, to reduce waste generated through design activities. Purchase environmentally preferable products and increase the proportion of recycled materials used to build houses/apartments, wherever possible and within budgetary limitations. Work with manufacturers and the supply chain to achieve material optimisation through design choices and material selection.		
1.3	We are committed to improving resource efficiency by reducing material use and waste generated from our activities. Our aim is to reduce the life cycle impact of materials and wastes and reduce emissions that may contribute to climate change. Our approach to overall resource management is based on the following hierarchy:  • Prevention or minimisation of waste through the design process • Use of materials efficiently to reduce waste		

		Reference	Responsibility
	• Implementation of robust waste management practices on all our sites and offices • Maximisation of on-site recovery (Reuse, recycling or treatment) • Minimisation of disposal of waste to landfill • Segregate waste streams to enable materials to be recycled or reused • Regularly collecting data and monitoring our performance using Key Performance Indicators.		
1.4	In addition, we are committed to raising awareness of resource efficiency and waste management across the Group and within our supply chain. This will include training and information to employees, contractors and suppliers on waste minimisation opportunities and resource efficiency		
2.0	**Definitions**		
2.1	**Construction Waste** Construction waste is defined as materials or substances created as a by-product of the above-ground construction process that must be removed from the construction site and disposed of via either landfill or an alternative disposal route. Currently not included in Construction Waste Definition: • Materials from the demolition of existing buildings on our developments where managed and controlled by a specialist contractor employed as Principal Contractor • Pallets removed from site by our nominated licenced carrier which are repatriated with the suppliers, refurbished for re-use or materials recycled • Materials from customer appointed/managed fit out works including Carpets/Curtains/Wardrobes/Interior Design • Any uncontrolled fly tipping which we are required to manage on our owned land • Any domestic waste generated by customers moving into their new homes • Waste generated from the Sales area • Waste from completed developments (Customer Care Works) • Waste arising from our site Welfare Areas • Waste from Offices • Waste arising from legacy work carried out under the Building Safety Act 2022 • Waste arising from the presentation and maintenance of stock plots.		

		Reference	Responsibility
2.2	**Diversion from landfill** The Group defines "Diversion from landfill" as above-ground construction waste (as defined in 2.1) with a final disposal route other than landfill. The term 'diversion from landfill' is NOT to be used interchangeably with 'recycled'. Diversion from landfill encompasses many disposal routes, of which recycling is only one • **Specific inclusions:** waste composted, incinerated for energy, destroyed through mass burn, recycled or repurposed. Include waste re-used where it has first been removed from site via a waste contractor. • **Specific exclusions:** all landfill waste. Re-use items where the material or tool has been re-used on site or collected by the initial suppliers for the purpose of re-use (including pallet collection schemes).		
2.3	**Tonnage** Waste is measured by its mass in tonnes. "Tonnage" refers to the overall mass of waste, as distinct from "waste intensity" or a percentage figure, for example as used when describing a percentage of waste diverted from landfill.		
2.4	**Legally completed area** The legally completed build area includes all habitable areas of a building and multiple floors where applicable. It **excludes** outside areas such as patios, garden areas, parking and garages, sheds and other external storage areas. It excludes communal area such as landings and shared hallways. It excludes the floor area of commercial premises including those constructed by Wilson Bowden Developments. The legally completed build areas shall be provided by Group Finance in the format of total legally completed square foot area per division for the reporting period required. The area in square feet shall be converted to square metres by applying a conversion factor: the area shall be multiplied by 0.092903 to give the area in square metres.		
2.5	**House build equivalent area** "House build equivalent area" or "house build equivalents" may be reported upon for **internal use only**. This metric differs from legally completed build area reported on publicly through its inclusion of partially constructed home build area estimated according to stages in the build process.		

		Reference	Responsibility
2.6	**Controlled Waste** – Any waste arising from the site which the holder discards, intends or is required to discard.		
2.7	**Hazardous Waste** – Waste that has hazardous properties that may be harmful to human health or the environment. (See section 11)		
2.8	**Inert Waste** – Is solid waste that is physically, chemically and biologically stable from further degradation over time and considered to be nonreactive. Examples include, rubble, concrete, bricks, blocks, tiles, ceramics soil, sand and gravel.		
2.9	**Active Waste** – Is waste that will biodegrade over time and includes wood, plastic, metal and vegetation.		
2.10	**Waste Carrier** – Person/Company with licence to transport waste (must hold a valid waste carriers licence issued by the EA/NRW/SEPA).		
2.11	**Waste Transfer Note** (WTN) is a document that accompanies the transfer of non-hazardous waste between different holders.		
2.12	**Consignment Note** – A controlled document for the movement of hazardous/special waste.		
2.13	**Absolute Hazardous Waste** – these wastes are defined as hazardous in the EWC and no further work is required to define what the chemicals or substances are.		
2.14	**Mirror Hazardous Waste** – these wastes may be hazardous depending on whether it contains dangerous substances at or above certain action levels.		
2.15	**European Waste Catalogue (EWC)/List of wastes** – These are a list of wastes that that have been categorised as hazardous or non-hazardous and have a distinct 6-digit reference code.		
2.16	**Waste Management Hierarchy** The hierarchy for waste management which must be applied to transferring any waste through prevention, preparing for reuse, recycling or recovery.		
2.17	**Waste Minimisation - Design** Includes a range of methods to ‘design-out’ waste from a business and limit waste arising’s from its activities		

		Reference	Responsibility
2.18	**Waste Management** Involves identifying potential waste streams and managing these to ensure efficient disposal.		
2.19	**Divisional Waste Champions** All Divisions must appoint a Divisional Waste Champion from within both of their Commercial and Construction functions, who will act as the day-to-day divisional waste management leads.		Construction Director / Commercial Director
3.0	**Waste Minimisation - Supply**		
3.1	A review of all opportunities for waste minimisation via the Group procurement process must be undertaken for all suppliers and each challenged to reduce waste through the construction process. This will include considering how materials are being delivered to site and evaluating if packaging is appropriate to prevent damage and is not excessive which creates unnecessary waste.	SHE Form 05	Group Procurement/ Buyers
3.2	All developments must consider opportunities to minimise waste through the design stage and consider how any design changes can impact on reworking or wasted materials. Consideration must be given to the use of construction processes that will reduce the amount of waste created.		Group Technical/ Construction Directors
3.3	All developments must identify the location of on-site storage of materials and ensure that they are appropriate to prevent damage to materials. Delivery of materials must be planned and coordinated so that they can be handled appropriately on site and stored in an appropriate location.		Construction Director
4.0	**Divisional / Group Offices Waste Management**		
4.1	All offices within the Group must have waste management processes in place which enable waste to be managed, and these will include: • Maximise the use of electronic media for dissemination of information both internally and externally. Ensure these are designed to facilitate them being read on-screen and avoid the need for printing. • Ensure that printing/copying equipment provides double-sided prints and set this up as the default option for photocopiers and computers		Office Manager

<table>
<tr><th></th><th></th><th>Reference</th><th>Responsibility</th></tr>
<tr><td></td><td>

- Print release scheme (where the user has to formally ‘pull’ their printing to a specific printer); this will reduce wastage of printing that is not collected.

- Put in place a segregation and recycling strategy for the following:
  - Paper
  - Cardboard
  - Printer and toner cartridges
  - Plastic cups
  - Metal drinks cans
  - Food
  - Batteries
  - Electrical Equipment

For our offices located in Wales, refer to section 5.2.1

5.0 **Waste Management on Construction Sites**

5.1

Waste Stream	Colour Code	Container Type / Size
Mixed Waste	Red	See note below*
Inert Waste	Green	Stockpile*** (Clearly signed)
Plasterboard	Blue	8, 12, 14 yd skip ****
Light Weight Compactable	Orange	12-14 yd skip**
Hazardous	Purple / Black	Haz Waste Station
Wood	Yellow	12-14 yd skip
Metal	Brown	
Mixed Recycling	Based on supplier	8 yd FEL or 1100L bins
Food Waste	Based on supplier	120/140L bin

*Mixed waste skips must not be provided on site unless they form part of a waste management process linked to a licensed waste transfer / handling station or to remove waste materials at the end of the construction period on site

No Roll on Roll Off (ROROs) to be used on any development unless authorised in advance by the Group Waste Manager due to the potential for contamination and reduced ability to monitor excess waste.

*** Skips or Roll on Roll Off must not be used unless Director level sign off is agreed in advance

**** Plasterboard should only be removed via a Group approved route

</td><td>Appendix 1
4.2</td><td>Contracts Manager/ Project Director/ Area Construction Manager</td></tr>
</table>

		Reference	Responsibility
5.1.1	Rain adds to the density of waste therefore during inclement weather, skips must be covered with a proprietary cover, as a minimum overnight. Where consistency of supplied skips dimensions allows the group approved design for a lift of scaffold frame should be used to suspend the cover.		Construction / Project Director
5.1.2	**No waste removal via any route other than Group appointed Waste Contractors is permitted without the prior approval of the Group Waste Manager or Group Construction and SHE Director.**		Construction / Project Director
5.2	On Site Recycling		
	All sites in England and Scotland must segregate Dry Mixed Recycling waste streams from other waste and collection for offsite recycling by a Group approved Waste Management Contractor. Materials that are currently accepted within our mixed recycling service/containers: • **Paper (non-confidential)** • **Cardboard packaging** • **Card (includes protective flooring)** • **Metals (food/drink cans and tins)** • **Empty Plastic drink bottles, food tubs/trays** • **Predominately clear LDPE plastic packaging (material wraps)** In addition to the above **Food Waste** (no minimum amount) must be disposed of and collected separately from all other waste streams for offsite recycling by a Group approved Waste Management Contractor. This requirement excludes Scotland.	Docushare	Construction / Project Director
5.2.1	**WORKPLACE RECYCLING - WALES ONLY** All locations (Offices and Developments) must have a separate collection for offsite recycling by a Group approved Waste Management Contractor. of the following single source segregated items: • **Food** (for locations that produce more than 5kg of food waste per week) • **Card & Paper** (Cardboard packaging, protective card floor covering, non-confidential paper) • **Metal & Plastic (**Empty – food/drink cans and tins**,** Plastic drink bottles, food tubs/trays)		Office Manager (Offices) Construction / Project Director (Developments)
5.3	All sites must have appropriate colour coded signage for each waste stream. Tipper skips to be labelled with appropriate waste stickers to ensure segregation at source. Segregation / compound area to have appropriate		Site Manager

		Reference	Responsibility
	signage to ensure the area is clearly visible. Signage warning against Fly Tipping and unauthorised usage must also be prominently displayed including at the entrance to site.		
5.4	All sites to ensure contractors adhere to the segregation at source instruction utilising tipper skips/bins/plot bags to eliminate cross contamination of waste streams.		Site Manager
5.5	All sites must appoint a designated waste champion for ensuring segregation and management of waste is taking place.		Site Manager
5.6	All sites must have a process in place to capture, store and promote the reuse of off-cuts e.g. Noggin/Dwang box and useable plasterboard off-cuts.		Site Manager
5.7	The Waste Information and guidance wall that includes the Ten Steps to Waste Reduction poster, Best Practice examples and KPI performance (which should be updated monthly) in or adjacent to the Health and Safety hub.		Site Manager
5.7.1	Requirement for waste management to be included at the site-specific induction and where available (Biffa, Ecofficiency and Reconomy serviced Divisions only) The Video Toolbox Talk (Waste Management) should be utilised to support this, and the video should also be used to support addressing repeated failing to adhere to the correct segregation. **https://vimeo.com/778604147/43aa4dbe15** Reconomy and Ecofficiency Serviced Divisions (excluding London) **https://vimeo.com/851339504/41104866a6?share=copy** Biffa Serviced Divisions		Site Manager
5.8	Where segregation is not practicable on site then segregation at a waste transfer/handling station via licensed waste carrier must be undertaken (NB: These sites must be permitted under either an Environmental Permit/Waste Management Licence or an exemption where appropriate).		Contracts Manager/ Project Director
5.9	Pallets including Green Pallet Loop pallets must **not** be placed into skips and the Group “take back” scheme must be used. Pallets must be stored on suitable ground, in a signed, designated area and stacked (safe and stable, and where possible with similar sized pallets) no more than 15 high.	Docushare (standard signage catalogue)	Site Manager

		Reference	Responsibility
5.9.1	Divisional Construction Director or Head of Construction and Commercial Director and Divisional Waste Champions to meet on at least on a bi-monthly basis with the Waste Management Provider. Divisions that are above their tonnes per 100m^2 waste intensity target or identified by the Group Waste Manager as a Division that requires additional support and focus should continue monthly.		Construction Director / Commercial Director
5.9.2	Review meetings should also be held by Divisional Waste Champions with the Group Pallet "take back" provider these review meetings should be held as a minimum quarterly with more frequent reviews required for those Divisions returned less than 50% of their estimated pallets on site number. Annual reviews Pallet reviews should also be held with Construction and Commercial directors.		Construction Director / Commercial Director
5.9.3	Site Management must accompany the Waste Management Contractor on Waste Audits to review performance against the waste policy and segregation performance		Site Manager
5.9.4	The Waste Management Provider is to be contacted to conduct toolbox talks regarding waste management and segregation best practice on all new developments with follow up toolbox talks as required.		Site Manager
6.0	**Registration as Producer of Hazardous Waste**		
6.1	All developments in Wales must be registered with Natural Resources Wales (NRW) prior to any works commencing as potential producers of hazardous waste. Registration must be renewed annually. A unique registration code will be issued, which must be displayed in the site offices. (Not a requirement in England and Scotland).		Technical Director/Site Manager
7.0	**Waste Carriers Licence**		
7.1	All contractors removing waste from site must hold a valid Waste Carriers Licence (WCL) which must always be available on site. A matrix of carriers provided by one of our approved brokers is acceptable. This includes WCL for any sub-contractors removing waste from site and also contractors removing soil, portable toilet waste and road sweepings.		Technical Director
8.0	**Environmental Permits - England and Wales/Waste Management Licensing (WML) - Scotland**		
8.1	All waste disposal companies used must be permitted or licensed by the EA, NRW and SEPA respectively. In England and Wales, they will be covered by an Environmental Permit or an Exemption and in Scotland they will be covered by a WML or an Exemption.		Technical Director

		Reference	Responsibility
8.2	An Environmental Permit, WML or Exemption will be required for the actual site where waste materials are treated for recycling or re-use. The following exemptions may apply where applicable:		
	• Mobile crushers must have a Part B Permit to operate issued by the Local Authority (LA), which must be kept with the machine. The LA must be notified each time a machine is moved into their local area or to a new location.		Technical Director
	• On site concrete, bricks, tiles or other inert materials can be crushed and reused as subbase or fill. In this case a T7 Permit exemption (England and Wales) or a Paragraph 24 exemption (Scotland) can be registered. In England and Wales this is registered with the LA and in Scotland with SEPA. Specific conditions are that: a) The total quantity of waste treated over any period of 1 hour does not exceed 20 tonnes. b) The quantity of waste stored at any one time does not exceed 200 tonnes. Movement of the material to other locations will be subject to waste transfer documentation and waste carriers licensing with a full record of all movements to be maintained that includes the depositing site permit number.		Technical Director
	• Treatment or screening of soils or wastes (other than concrete, bricks or tiles) will be subject to a T5 exemption (England and Wales) but the maximum quantities that can be stored or treated is 5000 tonnes over a 3-year period.		Technical Director
	• A U1 exemption (England and Wales) should be obtained to allow use of suitable wastes for small scale construction. Example activities include: o Using crushed bricks, concrete, rocks and aggregate to create a noise bund around a new development and then using soil to landscape it to enable grass to grow. o Using road plannings and rubble to build a track, road or car park. o Bringing in some soil from another place for use in landscaping at a housing development.		Technical Director

		Reference	Responsibility
8.3	The following limits apply to any exemption: Table 1 - You can use to 5000 tonnes in total of the wastes below for any construction activity.		Technical Director

Codes	Waste types
010102	Waste from mineral non-metalliferous excavation
010408	Waste gravel and crushed rock other than mentioned in 010407
010409	Waste sand and clays
101208	Waste ceramics, bricks, tiles and construction products (after thermal processing)
101314	Waste concrete and concrete sludge
170101	Concrete
170102	Bricks
170103	Tiles and ceramics
170107	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 170106
191209	Minerals (for example sand and stones)
191212	Aggregates only

Table 2 - You can use up to 1000 tonnes in total of the wastes below for construction purposes

Codes	Waste types
170504	Soil and stones other than those mentioned in 170503
170506	Dredging spoil other than those mentioned in 170505
191302	Solid wastes from soil remediation other than those mentioned in 191301
200202	Soil and stones

Table 3 - Within the 1000 tonnes total for use of wastes from Table 2, you can only use the waste below for the construction of tracks, paths, bridleways or car parks. The waste must be processed into chipped form prior to use.

Codes	Waste types
170302	Bituminous mixtures other than those mentioned in 170301
020103	Plant tissue waste
030101	Waste bark, cork and wood only

You can use up to 50000 tonnes in total of the wastes below only for the construction of roads.

Codes	Waste types
170302	Bituminous mixtures other than those mentioned in 170301
170504	Road subbase only

		Reference	Responsibility
8.4	A Paragraph 19 exemption (Scotland) will be required for construction materials stored or received on site as long as no more than 50000 tonnes of waste is stored on the site at any time, the waste is suitable for use on site and is not stored for more than 12 months.		Technical Director
8.5	Construction activities undertaken for the purpose of producing a suitably engineered soil would not be regarded as a waste management activity (i.e. lime stabilisation and piling) and a permit/licence would not be required. Where **uncontaminated materials** are produced on site during construction work and are then stored and re-used on the same site, in accordance with planning permission, there is no requirement for a Permit/WML/Exemption provided: they are suitable for that use and require no further treatment; only the quantity necessary for the works is used; and their use is not a mere possibility but a certainty.		Technical Director
8.6	Relevant activities involving uncontaminated materials produced on site and then reused on the same site may include cut and fill; simple foundation excavations with arising's spread evenly under the ground floor slab and the combination of soils to create a retaining structure.		Technical Director
8.7	On multi-phase developments, if arising's are used on site and it is done in accordance with planning permission (for the whole development) then a permit or exemption will not generally be required. This can also be the case where different developers are involved in a consortium agreement for a development and a formal agreement is in place which identifies levels of responsibility.		Technical Director
8.8	Where clean waste material is transferred from one development to another or imported from a third-party source, an exemption from a Permit/WML can be granted by the EA/NRW/SEPA respectively. These exemptions must be applied for prior to the work commencing (25 days in England and Wales and 21 days in Scotland). Where contaminated materials produced on site during construction works (including excavated soils) are used on site in accordance with the planning permission these may not be regarded as waste and a permit/license not required. (The criteria in 8.5 must still be achieved). This can include activities such as site re-grading and use of materials below cover or capping layers, buildings and hard standing.		Technical Director

		Reference	Responsibility
	In this case an assessment must be made to ensure that materials will not pose a risk to the environment. This must be detailed in a remediation strategy for the site, which meets EA/NRW/SEPA requirements.		Contracts Manager / Project Director
9.0	**Duty of Care – Waste Materials**		
9.1	All appropriate measures must be taken to ensure anyone who is involved in the chain of custody for waste is appropriately permitted/licensed. (Waste will include clean soil from site being deposited off site or imported clean soil to site). Where specific areas of concern arise, these should be notified to the Group Waste Manager.		Site Manager
9.2	All waste must be appropriately identified and stored on site and covered to prevent uncontrolled release. Skips must not be overfilled or allowed to overspill, and disposal areas kept clean and tidy.		Site Manager
9.3	Waste must only be transferred to an authorised person capable and permitted/licensed to deal with the type of waste produced.		Site Manager
9.4	Periodic reviews must be undertaken to review that waste from site is being handled correctly and transferred to the final point of disposal or recovery as detailed on the SWMP and as per waste transfer note/Consignment note.	See Section 10 & 11	Contracts Manager/ Project Director
9.5	Reasonable steps must be taken to ensure that sufficient site security measures are in place to prevent the illegal disposal of waste from site and illegal dumping of waste onsite.		Managing/ Commercial/ Technical Director
9.6	If Barratt Redrow are not the Principal Contractor, the pre-contract meetings and competency checks must identify waste management procedures and arrangements made by the external PC.	BRS 01 BRS 03 SHE Form 19	
10.0	**Waste Transfer Notes (WTN)**		
10.1	To enable review of Waste Transfer Notes your Waste Management Supplier should be contacted and access to their portal provided.	BRS 41	Site Manager
10.2	For repetitive transfers of non-hazardous waste, a season ticket can be utilised for up to 12 months. These can only be used where the parties involved in each transfer are the same and where the description of waste transferred remains the same.	BRS 01 SHE Form 19	Contracts Manager/ Project Director
10.3	All waste transfer notes must describe the quantity and types of the waste being transferred and include the appropriate waste code (EWC code) and waste	Waste Management	Site Manager

		Reference	Responsibility
	description for the waste stream. They must indicate that the hierarchy for waste control has been applied. Construction waste codes are included in Section 12.	Supplier Portal	
10.4	General descriptions such as 'general waste' or 'Inert waste' are not acceptable. It is our requirement as producers to ensure the description is accurate.		Site Manager
10.5	The waste transfer note must record how the waste is contained/packaged, when it is transferred, where it should go and whom it was transferred to i.e. waste carrier details including waste carriers' registration number.	Waste Management Supplier Portal	Site Manager
10.6	Copies of the waste transfer note(s) must be maintained for two years. These must be held at the divisional office.		
11.0	**Consignment Notes (Hazardous/Special Waste)**		
11.1	A consignment note is required for hazardous/special waste that is removed from site. A waste transfer note is not required where the waste is controlled by a consignment note. separate regulations apply in some instances in Scotland see: http://www.sepa.org.uk/media/36660/consigning_special_waste.pdf		Site Manager
11.2	The consignment note is a three-page document which are colour-coded: Producers/Holders/Consignor's – White Carrier's Copy – Gold Consignee's – Pink		
11.3	Parts A & B must be completed on each copy of the consignment note. A broker can complete this, but it remains Barratt Redrow PLC responsibility to ensure it is completed correctly. Part A = Holders details Part B = Description of the Waste (Including EWC code)		
11.4	All copies of the consignment note must be given to the carrier who will check parts A and B are correct. They will complete Part C – Carriers Certificate and will return the form to the producer for completion of Part D – Consignor's certificate.		
11.5	On completion of Part D retain the White copy of the note and return the other copies to the carrier.		
11.6	Copies of Consignment notes must be retained for 3 years.		

		Reference	Responsibility
11.7	Where contractors as part of their work package are responsible for the removal of hazardous waste the division must satisfy themselves that appropriate systems are in place and that waste is being managed effectively.		

12.0 European Waste Catalogue / List of Wastes

Non-Hazardous Waste Types	Waste Description	EWC Code
Asphalt	Bituminous mixtures	17 03 02
Canteen waste (Food)	Biodegradable kitchen and canteen waste	20 01 08
Contaminated bund waters	Aqueous liquid wastes containing non-dangerous substances	16 10 02
Dry mixed recycling (mixed packaging)	Mixed packaging	15 01 06
Inert	Mixed concrete, bricks, tiles and ceramics	17 01 07
Metallic packaging (tins, cans, packaging)	Metallic Packaging	15 01 04
Municipal waste/general waste	Mixed municipal waste	20 03 01
Packaging (plastic)	Plastic packaging	15 01 02
Paper and cardboard	Paper and cardboard	15 01 01
Plasterboard	Gypsum / Plasterboard	17 08 02
Road sweeper waste	Sweeper Waste	20 03 03
Sanitary waste	Sanitary Waste	20 01 99
Scrap metal (from construction and demolition)	Scrap metal (from construction and demolition)	17 04 07
Sewage waste for cess tank (including sludge)	Septic tank sludge	20 03 04
Soil and stone (not contaminated)	Soil and stone (not containing hazardous substances)	17 05 04
Waste concrete (from construction)	Concrete	17 01 01
Wood waste (from construction and demolition)	Scrap wood (arising from construction and demolition)	17 02 01

Hazardous Waste Types * denotes Hazardous Waste	Waste Description	EWC Code
Absorbents contaminated with hazardous substances (e.g., oily rags, used spill kits)	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances, nappy pads.	15 02 02*
Aerosols	Gases in pressure containers (including halons) containing hazardous substances	16 05 04*
Batteries	Batteries (including lead, Ni-Cd, mercury, and alkaline containing batteries) and other unsorted batteries and accumulators	20 01 33*
Expanding Foam	Gases in pressure containers (including halons) containing hazardous substances	16 05 04*
Fluorescent tubes	Fluorescent tubes	20 01 21*
Hydraulic oil	Hydraulic oil and hydraulic oil containing PCBs	13 01 01*
Insulating oil	Insulating oil	13 03 07*
Interceptor sludge	Interceptor Sludge	13 05 03*
Mastic, Sealants and Adhesives	Adhesives and sealants containing organic solvents or other hazardous substances	08 04 09*
Packaging containing residues or contaminated by hazardous substances	e.g., empty aerosols, drums, paint tins, packaging	15 01 10*
Oil contaminated bund waters	Aqueous liquid wastes containing dangerous substances	16 10 01*
Soil and stone (contaminated)	Soil and stone containing hazardous substances	17 05 03*

13.0 Timber Waste Treatment and Reuse

Although our waste timber is not currently classified as hazardous in nature, the varied levels of treatment no matter how nominal applied to all timber products would result in classification of our waste timber waste as treated.

Following a comprehensive review, chipping/shredding of our timber waste to reduce it in size, mass or volume for onward transport is not permitted as this process would require a T6 exemption and a T6 specifically states Untreated Timber. Additionally, the use of chipped/shredded treated timber derived from waste on site for paths and tracks however temporary is not permitted on our developments.

14.0 Other Potentially Hazardous Waste

Where products carry the following hazard warning symbols, they will be deemed hazardous and may require special means of disposal. There are other substances, which will be deemed hazardous, but these are the most common found on our sites.



Dangerous to the Environment | Toxic | Corrosive | Flammable | Oxidising | Explosive | Caution - Less serious health hazards | Longer term health hazards | Contains gas under pressure

14.1 Disposal of hazardous Waste

All developments must have a facility for managing hazardous waste. Disposal of products into these facilities must be strictly controlled. All hazardous waste must be transferred to a licensed carrier using a consignment note to track its movement.

14.2 Paint Tins or Tubs

Paint tins or tubs may be classified as hazardous waste.

All sites **must** use the paint can/tub recycling service provided by the approved supplier where practicable. All cans or tubs being recycled must contain no more than 25mm of wet paint and have lids securely fastened. Dry tubs or cans will not need to have lids on.

Redrow – Painting Contractor to return to Crown, Brewers or Rabart Decorating Centres quoting the originating sites H-Code.

Barratt/David Wilson – Painting Contractor to return to Dulux Decorating Centre quoting the originating sites H-Code

Alternatively.

If requested, The Dulux Decorator centre will pick up the empty cans when they make deliveries of new paint to the site.

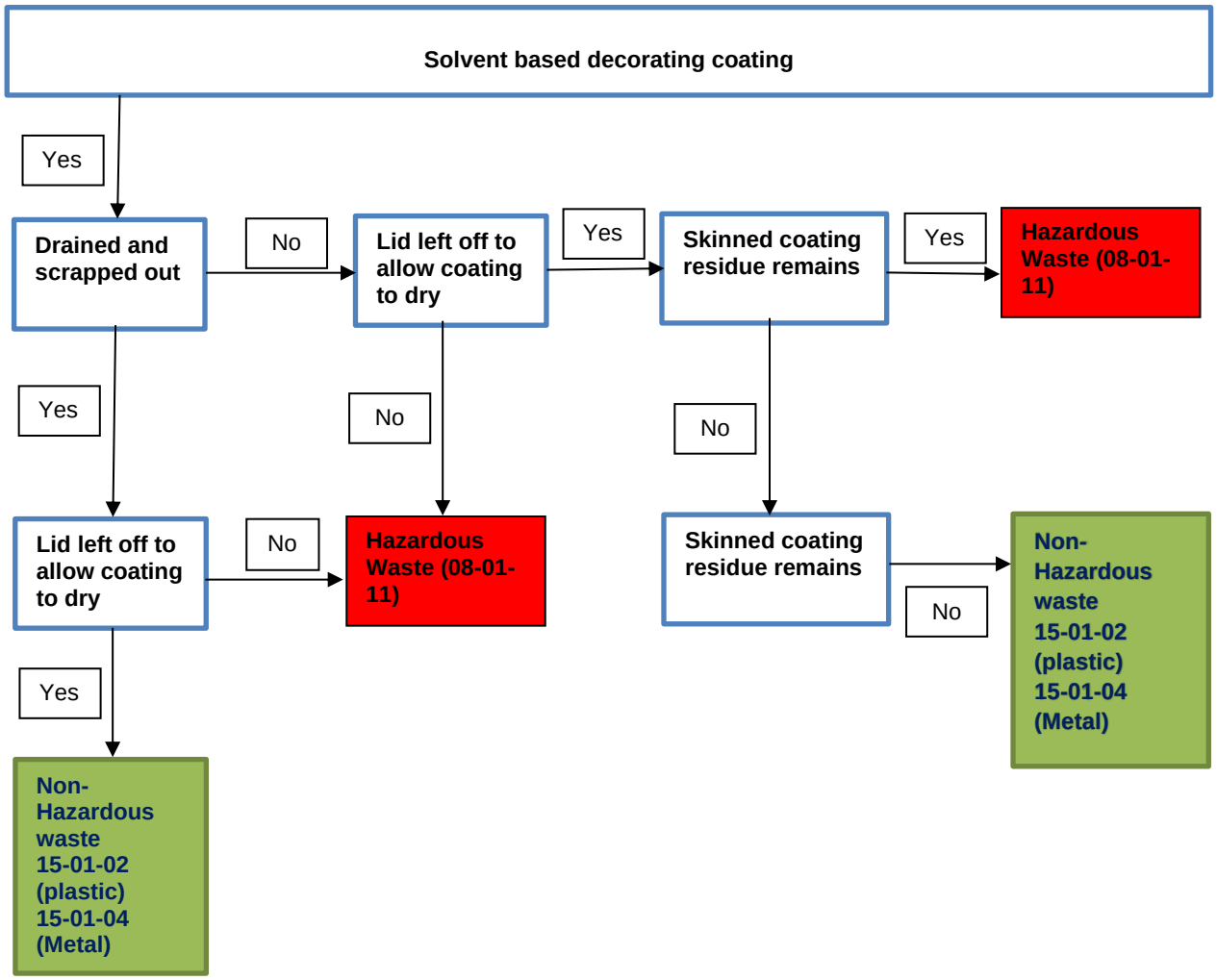
Dulux will provide bags for recycled cans as follows:

- Blue for water based
- Red for solvent based

If the onsite collection option is to be utilised a dedicated storage area clearly signed must be in operation.

Solvent Based Paint Cans or Tubs

For solvent based paint or woodcare coatings, the containers which are not recycled as detailed above may be classified as hazardous. The chart below can be used to determine whether the empty or partially emptied containers are classified as hazardous or non-hazardous.



Water Based Paint Cans or Tubs

In the case of water-based paint containers, all the waste will be non-hazardous provided the contents are drained/scrapped and the lid is left off to completely dry off residue. The same waste codes will apply for non-hazardous waste packaging as above.

14.3 Mastic Tubes

Non-Hazardous Mastic Tubes can be disposed of via LMC/LWC Skips. Seek guidance from your Divisional Buyer if in doubt over the hazardous nature of the mastic or refer to the Material Safety Data Sheet for the product.

Mastic tubes displaying hazardous warning labels, must be fully discharged to remove any residue. If there is any residue in the nozzle or any other part of the tube and is not removed prior to disposal, the tube will be classified as hazardous. Nozzles should be removed and any section of the tube with mastic remaining cut away and treated as hazardous waste. The remainder of the tube can be disposed of as non-hazardous waste.

14.4 Resin Tins or Aerosols

Part used resin tins and aerosols displaying one of the hazardous warning signs must be treated as hazardous even if empty.

14.5 Waste Electrical Electronic Equipment (WEEE)

Under the WEEE directive we must ensure we dispose of our **Waste Electrical and Electronic Equipment** in the most environmentally friendly and compliant way.

The WEEE directive requires all waste of this type including everything from fridges, kettles to televisions are stored, collected and disposed of separately to other waste streams. Your Waste Management partner will advise you of the most appropriate and complaint solution for any waste of this nature that may arise or be unlawfully disposed of on our sites.

14.6 Fly Tipping

Our developments should always display prohibition signage that warns against fly tipping and ensure every effort is made to actively prevent occurrences.

We do however recognise that fly tipping can be an issue in and around our sites, and as a responsible house builder we understandably take action to clean up any such instances.

A separate removal of such waste can be arranged via our Group Waste Suppliers (and be excluded from construction waste submissions), **provided such approval has been sort and granted by the Group Waste Manager and requests will require supporting photographic evidence.**

14.7 Non-Construction Waste Skips

Waste not included within our Construction Waste definition (Section 2.1) may be classified as Non-Construction Waste and a skip provided for the sole purpose of removal of this waste.

Removal of such waste can be arranged via our Group Waste Suppliers (and be excluded from construction waste submissions), **provided such approval has been sort and granted by the Group Waste Manager and requests will require supporting photographic evidence.**

14.8 Soft Furnishings – Persistent organic pollutants (POPs) (Fly tipped/Site Office)

The Environment Agency (EA) have provided an update regarding waste items that could contain Persistent organic pollutants (POPs) and specific guidance has been issued for **soft furnishings including sofas, armchairs, futons, cushions and padded chairs.**

If it is not known explicitly if the soft furnishings do not contain POPs, then it must be assumed that they do and therefore any items of this nature that are fly tipped on Barratt Redrow land must not be co-mingled with other wastes.

Your Waste Management partner will advise you of the most appropriate and compliant solution for any waste of this nature that may arise or be unlawfully disposed of on our sites.

14.9 Groundworkers Waste

Groundworker Skip contents must be representative of Groundworker activity, this includes items not limited to insulation offcuts, packaging, pipe offcuts etc. etc. Waste arising from Barratt Redrow above ground construction is not permitted within these skips. Skips should be inspected periodically by the Site Management team to ensure correct usage.

All Groundworker skips should be located away from the Site Waste Compound, within or near to the Groundworkers compound and always signage stating Groundworkers Waste Only should be clearly displayed.

Where Groundworkers waste is persistently contaminating Barratt Redrow construction waste streams, Groundworkers should have dedicated tipper skips that are clearly signed Groundworkers Waste Only.

15.0 Road Sweepings

Guidance on Road Sweeping and permitted disposal options can be found in the BRS 28 – Environmental Protection Policies & Procedures Manual

16.0 Guidance on content of Waste Transfer Notes

Section A - This must contain sufficient information about the waste to enable anybody coming into contact with it, to handle it safely. The description should be in words and by using the appropriate EWC code. It is not acceptable to use non-specific terms such as 'General waste'. It is also important to ensure the quantity and how the waste will be contained is detailed.

Section A - Description of the Waste

Please describe the type of waste below;	
Please give the six figure European Waste Catalogue (EWC code	
Total Quantity of waste to be collected	
Describe how it is contained i.e. loose or packaged	

Section B – This must have details of the site and address where the waste has been produced. This must be signed by an authorised person i.e. site manager

Section B – Waste Producer

Name:	Address	Post Code

Signature:

Section C – This must include the name and address of the company collecting the waste including their waste registration number and be signed by the authorised person i.e. driver

Section C – Person or Company collecting the Waste

Name:	Address	Post Code

Registration Number:

Signature:

Section D – The location where the waste will be deposited must be detailed including the date and time of transfer. The name of the waste broker should also be included.

Section D – Location of disposal/Transfer

Address of place of transfer/collection point			
Date of transfer		Time of transfer	
Waste Broker who arranged the transfer			

The waste management hierarchy has been applied to this waste transfer and consideration given to reusing or recycling waste before transferring it.

Appendix 1 - Waste Data Reporting Process Guide

1. Introduction

1.1. Objective

This manual sets out the policies and procedures for construction waste reporting for Barratt Redrow and its subsidiary companies (together referred to as 'the Group').

1.2. Waste Policies and Procedures



- **The Barratt Redrow Standard on Waste Management (BRS 29)** details the Group policy for operational waste management on-site. These reflect the Group's commitment to waste management as part of our Group Sustainability Policy.
- This document – **Waste Data Reporting Process Guide** – defines the Group's standards for waste data collection and reporting. This data and reporting process underpins the Waste Strategy outlined above.

1.3. Policy

- This manual is written to demonstrate the scope and method for the Group's inclusion of construction waste metrics in its public reporting, including in the Annual Report and Accounts and PLC website (www.barrattdevelopments.co.uk). Data collected is also used to assess operational performance, for investor benchmarks, in Group and divisional socio-economic footprints and for stakeholder engagement.
- Unless otherwise stated, compliance with the Waste Data Reporting Process Guide is mandatory for all waste contractors and divisions supplying the Group with data on construction waste.
- The Policy applies to all joint ventures in which the Group holds an interest where a member of the Group is an acting principal contractor unless the Group Commercial Director has agreed a specific amendment for a joint venture.
- Any exceptions MUST be agreed in writing by the Group Commercial Director in advance.
- This manual provides a single point of reference to define and standardise Group construction waste reporting policies and practices. It also provides a tool for spreading best practice across the Group.
- The manual is not intended to act as guidance to waste management practices on site. The Group's Waste Management Standards are included in the Barratt Redrow Standards (BRS) 29.

1.4. Procedures

- It is the responsibility of the Group Commercial Director to ensure that all records are maintained in accordance with this Guide.
- Any exceptions or agreements to vary from these policies must be authorised by the Group Commercial Director.
- Where authorisation is required from a specified individual, that individual may provide that authorisation via email provided that the documents being authorised are attached in the email chain for reference and for audit purposes.

2. Policy

2.1. Objective

The data collected on construction waste forms an important part in improving operational efficiency, and in external reporting against targets that the Group has made public. It must therefore be consistent, accurate and supported by appropriate documentary evidence.

2.2. Policy

- This data forms the basis for reporting at the end and half of the financial year. The Barratt Redrow half year is from the 1 July to 31 December. The full year is from 1 July to 30 June.
- All amounts must relate to waste collected from our sites during, or as at the date of, the reporting period. For example, waste data MUST relate to waste removed from site for disposal or recycling during the reporting period (which is not necessarily the same as the amount invoiced or paid in cash in the period).
- Exact figures must be taken from the weighed construction waste taken away from site for disposal by the approved waste management contractor. Estimates are not acceptable unless under exceptional circumstances. The methodology used to calculate any estimates and the basis for such calculations must be documented, reviewed and approved by the Group Commercial Director, and available for audit as required.
- If further information is necessary to provide a true and fair view or to explain significant changes between reporting periods, such information should be collected and saved in the evidence pack.
- Data must be collected by divisions monthly as per the waste strategy. The data for each month must be returned to Group Commercial on the 19th of the following month for verification (or the next working day where this falls on a weekend or public or business holiday). All data should be checked carefully by the division before submission to Group Commercial.
- Documentation supporting the collection of data must be retained by each division in accordance with the Group's policies and be capable of being produced as evidence for audit purposes. Examples of this include waste transfer notes, correspondence, emails, summaries and any calculations or conversions made by the suppliers.
- The collection of data and the basis for any estimates (if applicable) must be reviewed and approved by the Group Commercial Director and the Group Construction and SHE Director, for inclusion in the Group's public reporting.

3. Corporate reporting scope

Barratt Redrow waste collection data includes waste from all residential and mixed construction sites where Barratt Redrow is the principal/main contractor.

It **excludes** joint ventures where Barratt Redrow is not the principal/ main contractor; Wilson Bowden Developments; the normal domestic waste created by customers when they move into their homes which is collected by local authority contractors.
It **includes** construction sites where Barratt Redrow is a principal/main contractor and where sub-contractors are undertaking construction activities.

4. Data collection process

4.1. Auditable collection receipts

All construction waste removed from site must be weighed by the waste contractor and a Waste Transfer Note (WTN) provided. In addition to any information provided for legal compliance purposes, WTN must include information on:

- Waste contractor company name
- Size of skip collected
- Waste stream collected (this should align with waste streams identified in section 6

Repeat transfers can be streamlined with less manual paperwork by using a WTN season ticket. A season ticket **covers many transfers for up to 12 months**. A season ticket can be used if all the below stays the same:

- Both the waste producer and the waste carrier or waste collection business
- The type of waste and description of the waste being transferred
- The locations where the waste is being moved from and to

If any of the above changes during the 12 months, a new WTN will be required, and the season ticket will be void.

An annual waste transfer note is a single note that covers many transfers throughout up to a year. An annual waste transfer note is just another term for a Waste Transfer Note Season Ticket.

You must keep a separate list of the date and amount of waste transferred under an annual note. This done by your waste contractor noting each transfer on a spreadsheet or reporting portal.

With both individual and annual WTNs we will require the waste contractor to consolidate this information for subsequent reporting (0).

4.2. Other waste

Plasterboard Waste must be removed by Barratt Redrow via A via a Group Approved Waste Management Contractor or via controlled route to British Gypsum (BG) where BG provide Barratt Redrow with verification of the volumes of received plasterboard.

If this waste is not disposed of or weighed by a Group Waste Contractor, it must be reported separately by the Division.

Groundworkers waste (skips)

Construction waste is defined as materials or substances created as a by-product of the above-ground construction process that must be removed from the construction site and disposed of via either landfill or an alternative disposal route.

We have set out and included a requirement in the trade specs for all Groundworkers to supply monthly data relating to removal of waste in skips.

Where sites have no provision within the Ground works package for skips and have now sited a skip specifically designated as Groundworkers waste on their sites, these must be identifiable in the Group Approved Waste Management Contractors - monthly reports to enable exclusion from the Divisional submissions

Groundworkers excavated materials

We have set out and included a requirement in the trade specs for all Groundworkers to supply monthly data relating to removal of excavated materials from sites.

Groundworkers report their waste weight/volume data, and this not included in Divisional submissions.

Monthly consolidation

The waste management companies must consolidate the waste collection receipts into a spreadsheet or waste data portal system showing granularity of waste stream type, housebuilding divisions and the tonnages disposed to landfill, tonnages diverted from landfill and tonnages recycled, reused. Divisional commercial teams are required to use the portal/report provided by the waste management companies and use to populate the “Waste Submission Sheet” Excel template with cumulative YTD data at the site level, which should then be sent to Group Commercial by no later than 5 working days after receipt of the waste tonnage data from your respective Divisional Waste

Construction waste not included in the above must also be collated by divisional teams and populated in the “Waste Submission Sheet” Excel template. This may include other wastes as identified in section 4.2 above and the waste stream must align with those identified in section 6.1. This shall be subject to audit of any calculation and waste collection receipts by Group Commercial if required.

4.3. Validation process

Divisional Commercial and Construction teams are responsible for querying and checking any data before sending to Group Commercial. This should be undertaken on at least a monthly basis. Checks should include checking waste acceptance notes and ensuring arithmetical checks are made on any summaries of data.

Group Commercial will query a sample of data received both from the divisions and from the waste contractors.

Specific checks relating to waste at all levels include:

- Interrogation of submissions recording abnormally high or low volumes of waste.
- Significant percentage changes in waste streams recorded from one reporting period to the next.
- Misalignment between the direction of travel for waste data as submitted and unit completions during the reporting period.
- Cross checking a list of sites submitting waste data with a Group Finance/TM1 record of build active construction sites.
- Cross checking construction waste tonnage to waste management company portals/reports.

- Cross checking submitted legal completions, legally completed area and house build equivalent area against TM1 / Group Finance values.
- Investigating reasons for unusual period-on-period variances.

The legally completed build area with figures held by Group Finance on the TM1 system as per the definition.

The Group Commercial Director will conduct a high-level review of the data spreadsheet for sign-off.

The Waste Reduction Group will also discuss data trends, performance against corporate KPIs, and waste-stream or divisional anomalies at the half year and end year time periods as per the waste strategy.

5. Monitoring and compliance

5.1. SHE Monitoring Visits

Operational waste management procedures including the correct segregation of waste and correct licensing and permits for waste disposal can be found within the Barratt Redrow Standards on waste (BRS 29). Compliance and monitoring of these procedures at the operational level are found within the Barratt Redrow Standards on Monitoring, Reporting and Auditing of Safety, Health & Environmental Standards (BRS 06).

5.2. Forward Through Quality (FTQ) Director Visits

Additional checks on operational waste management are conducted through the Forward Through Quality Process (FTQ), with monthly site visits carried out by a minimum of three Divisional Directors. More information can be found within Construction Processes, Procedures and Guidance, Section 2.03.

5.3. Self-certification through the Commercial Action Group auditing checklist

A development checklist has been produced by the Commercial Action Group, and this list includes recommended waste management practices. Compliance with the checklist is not monitored but action taken against the checklist impacts on findings from SHE and FTQ visits.

5.4. External assurance

Waste intensity by legally completed area (tonnes/100m^2), waste intensity by house build equivalent area (tonnes/100m^2), and diversion from landfill (%) is to be externally assured on an annual basis.

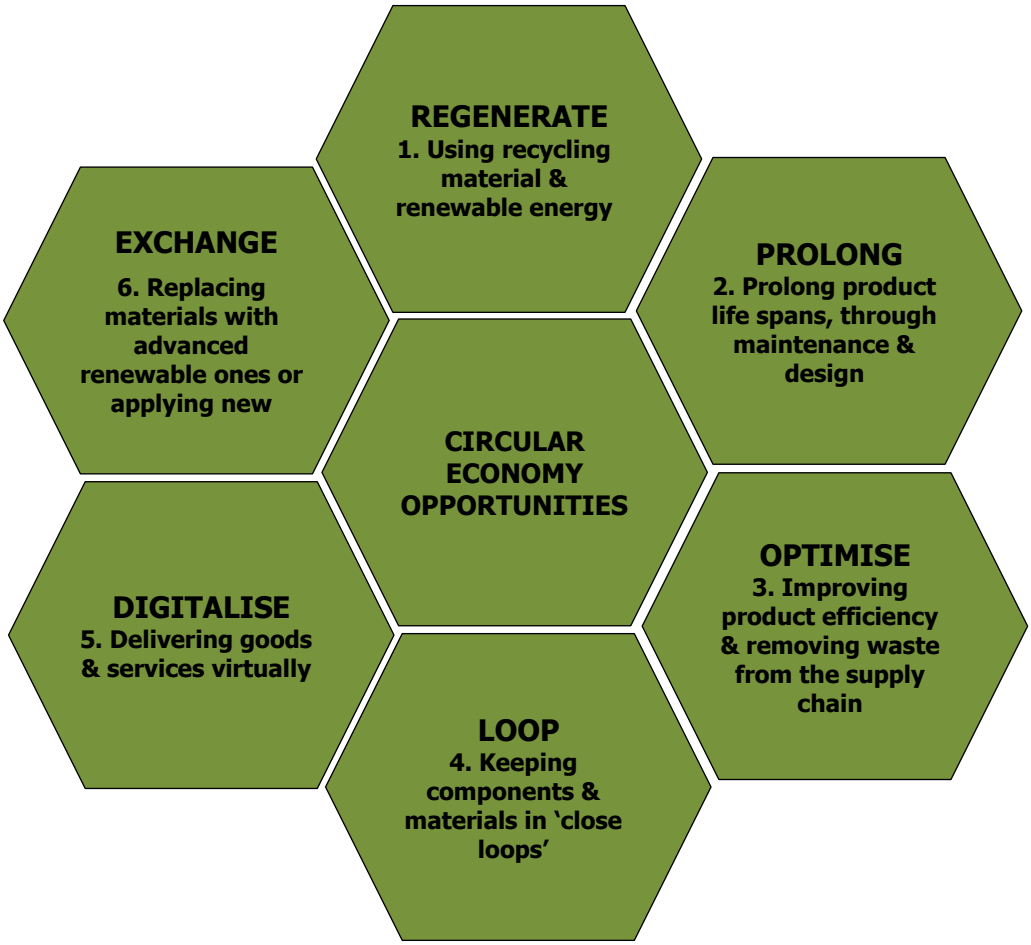
6. Waste stream key

6.1. Terminology for waste streams

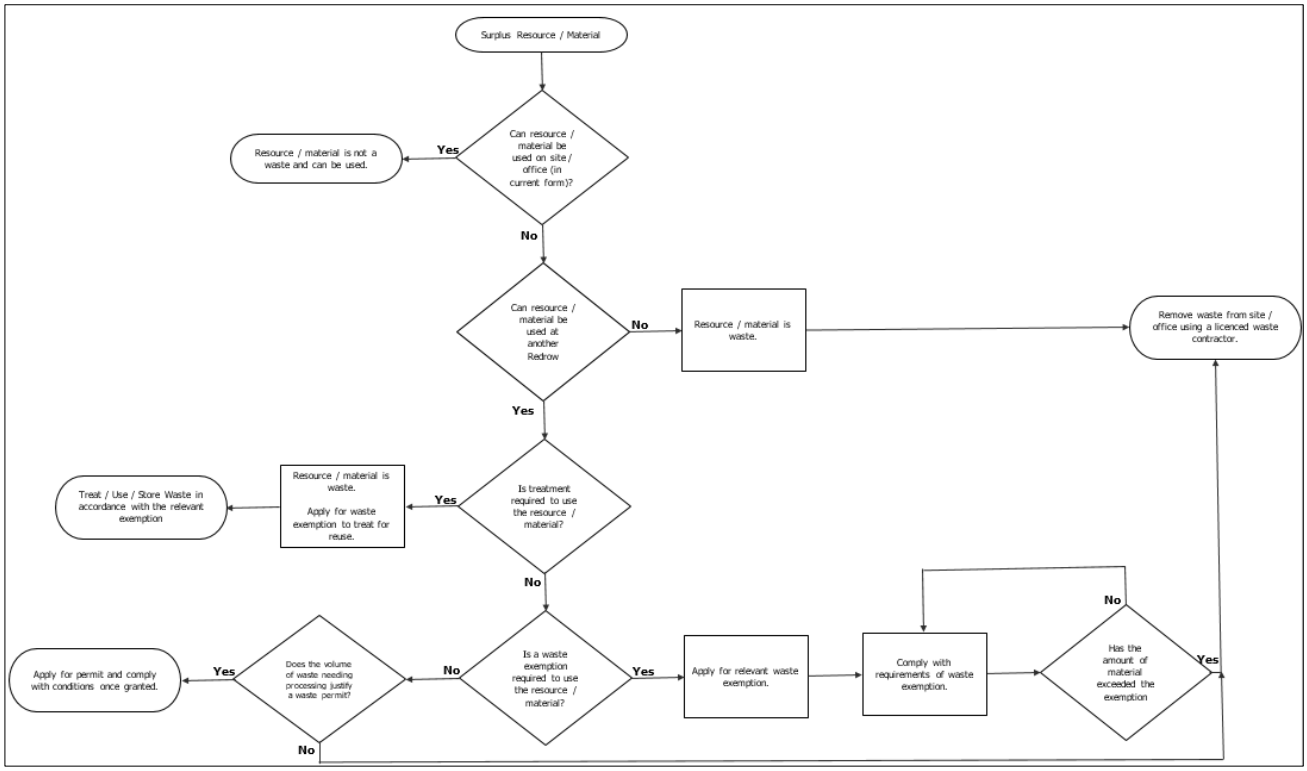
Across different companies, waste segregated into different skips can be provided different terms though in reality the waste stream is the same. For clarity, the table below acts as a key relating to the waste data discussed.

Barratt Redrow PLC term	Waste Contractor
Lightweight Compactable	Light / Mixed Compactable – Construction & Demolition
Inert	Inert – Brick & Block
Plasterboard	Plaster & Gypsum based
Hazardous	Hazardous
Wood	Timber – Wood Waste
Metal	Mixed Metal
Mixed Packaging	Dry Mixed Recycling
Canteen Waste	Food
Other	General / other

Appendix 2 – Circular Economy



Appendix 3 – Material Reuse/Waste Flow Chart



OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

31 CRISIS MANAGEMENT RESPONSE PLAN



Version Control	Date
V2.1	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction, and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction, and SHE Director	01.04.2025

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1. Introduction and Scope

1.1 Introduction

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document located on DocuShare.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> **The Primary SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of, compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Crisis management response plan.

2. SHE Policy and Controls

The SHE Policy states:

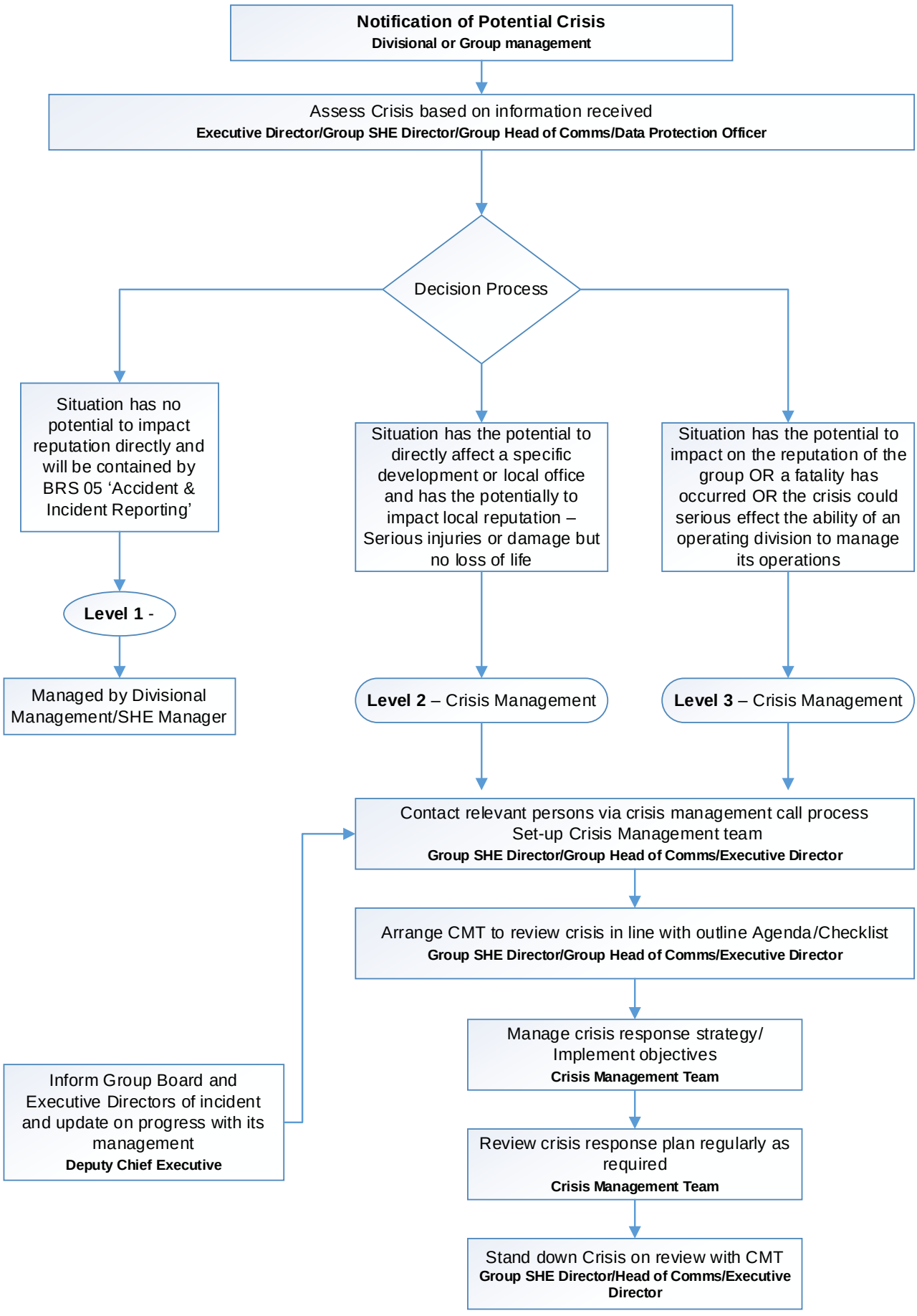
- Crisis management plan to be implemented for incidents/accidents is defined within the procedure and agreed with the Chief Operating officer, RMD or Group Construction and SHE Director.

The Primary SHE Controls are:

- Plan to be implemented and a full record maintained.
- The controls for ensuring compliance with this procedure are outlined in BRS 06.

The SHE Relationship states:

- BRS 06


Notification of Potential Crisis
Divisional or Group management
Assess Crisis based on information received
Executive Director/Group SHE Director/Group Head of Comms/Data Protection Officer
Decision Process
Situation has no potential to impact reputation directly and will be contained by BRS 05 'Accident & Incident Reporting'
Situation has the potential to directly affect a specific development or local office and has the potentially to impact local reputation – Serious injuries or damage but no loss of life
Situation has the potential to impact on the reputation of the group OR a fatality has occurred OR the crisis could serious effect the ability of an operating division to manage its operations
Level 1 -
Managed by Divisional Management/SHE Manager
Level 2 – Crisis Management
Level 3 – Crisis Management
Contact relevant persons via crisis management call process
Set-up Crisis Management team
Group SHE Director/Group Head of Comms/Executive Director
Arrange CMT to review crisis in line with outline Agenda/Checklist
Group SHE Director/Group Head of Comms/Executive Director
Manage crisis response strategy/ Implement objectives
Crisis Management Team
Inform Group Board and Executive Directors of incident and update on progress with its management
Deputy Chief Executive
Review crisis response plan regularly as required
Crisis Management Team
Stand down Crisis on review with CMT
Group SHE Director/Head of Comms/Executive Director

1.0 Introduction

Barratt Redrow plc (the Group) has compiled this Crisis Management Response Plan (CMP) to deal with the immediate consequences and aftermath of a major emergency or crisis risk. The CMP relates to all operations of the Group including all Group Functions, Divisions within BDW Trading Ltd (Barratt Homes, Redrow Homes, David Wilson Homes and Ward Homes) and Wilson Bowden Developments Ltd.

The CMP deals with major emergencies which will affect the operational structure and/or reputation of the Group including:

- Physical damage to assets,
- Incidents that threaten the health and safety of staff or others affected by our operations
- Major incidents on developments which require special measures to restore normal operations
- Cyber or network incidents
- Environmental contamination
- Supplier failure

The aims of the plan are to:

- Safeguard employees, customers and the general public
- Manage the crisis and cooperate with emergency services and relevant enforcement bodies.
- Protect the Group's reputation
- Maintain business continuity
- Return the Group/division/development to normal business operations as soon as possible

The plan makes provision for the organising of a Crisis Management Team (CMT) which is group of staff who will be responsible for the immediate handling of the crisis or potential crisis and coordinating the Group's response.

The plan will be:

- Reviewed annually by the Group's Safety, Health and Environmental Committee
- Tested appropriately involving members of the CMT – Pre-draft select crisis management messages including content for dark web sites and templates for crisis statements (ensure these are approved by legal)
- A contact sheet for key personnel (CMT teams) with up to date contact information to be added
- Published in the Group's Occupational Safety, Health & Environmental Management System and Docushare system.
- Example scenarios and contact information should be 'road-tested' 1-2 times per year with CMT, with involvement of Executive Board in a practise scenario once a year
- Plan to be shared with Corporate PR agency

2.0 Definition and Procedures

2.1 Definitions

For the purposes of this plan a crisis is an incident which because of its scale or impact, is beyond the scope of resolution by normal decision making authority within acceptable time scales. The characteristics are:-

- The Group needs to act fast and there is a need for central intervention and/or cross divisional co-operation and either:
    - There is potential major negative PR or other inappropriate stakeholder consequences
    - There is a risk of major disruption to the operation of the Group, operating Divisions or any development.

General guide for defining levels of incident:

Level 1 – A relatively minor or local incident causing no serious physical threat to personnel or property - *No CMT involvement*

- Causing no serious threat or harm
- Can be dealt via procedure BRS 05 'Accident and Incident Reporting' in the Occupational Safety, Health and Environmental Management System
- Not expected to be public or have significant reputational consequences

Level 2 – Significant or potential threat - *Level 2 CMT activate*

- Situations or incidents which pose a potential threat to personnel or property or can cause disruption to a development
- May threaten the reputation of the Group at a local level or have potential legal ramifications.
- Potential threat or disruption posed to personnel or property
- May include the isolation and or evacuation of a development/structure/office and assistance from the emergency services
- Could become public and be interpreted as inconsistent with our values
- Incident has the potential to impact internal or external data subjects, 3rd parties and/or processors

Level 3 – Major or real threat - *Level 3 CMT activated*

- Fatal or life threatening Injury to an employee, contractor or member of the public that is associated with our business activities
- Significant structural damage or potential collapse of a structure presenting a risk to the health and safety of occupants or adjacent buildings
- Serious fire incident affecting a building under construction or a building we have constructed
- Crisis that could seriously affect the ability of an operating Divisions to manage its operations or has the potential to directly affect a specific development or local office and will impact local or Group reputation
- Damage to utility services that would affect numerous plots on a development or the wider community
- Significant contamination incident which has impacted the local environment and requires immediate response to rectify

2.2 Notification (Big Red Button)

In the event of an incident which falls into level 3 of this plan, any employee can activate a Crisis Management call by dialling **0800 917 0744**. This will direct a call to the Group Construction and SHE Director and Head of Corporate Communications (or in their absence, their nominated deputies) who upon receiving the information provided, will decide the level of crisis and who may also be required to respond. A crisis response can also be activated by any Executive Director or Regional Managing Director, based on information relayed to them.

2.3 Immediate Response Process

The Group's immediate response to and recovery from a crisis will be achieved by the CMT implementing the **day one checklist**. The checklist will enable key issues to be considered and actions taken immediately following notification of a crisis.

Where appropriate other relevant documents and emergency procedures will be referred to such as the Group's Occupational Safety, Health & Environmental Management system.

The CMT will communicate as often as possible for status reporting, debriefing at intervals determined by the CMT Coordinator.

In the event of public or media interest these must be referred to the CMT member responsible for communications and no other comments made by any of the CMT.

3.0 Crisis Management

3.1 Crisis Management Team

The Crisis Management Team is composed of nominated staff and is required to pursue the aims of the plan.

3.2 Crisis Management Team Objectives

Primary objectives of CMT will be to:

- Confirm there is a crisis and identify the principal issues affecting the group or operating unit
- Respond quickly as the incident develops – be accurate – check all facts
- Determine and define the scope of the crisis
- Develop a strategy to deal with the immediate impact of the crisis
- Prioritise immediate actions. Minimise further damage/harm
- Assign essential duties to other Group/Divisional staff during the critical recovery stage
- Deploy resources and equipment
- Communicate information, advice and instructions
- Ensure that the Executive Committee and non-executive Directors, are kept fully informed
- Monitor and evaluate conditions
- Give priority to the recovery programme and establish cost recovery mechanisms as soon as appropriate

3.3 Level 3 - Crisis Management Team Composition

CMT Coordinator (Deputy Chief Executive)
CMT Secretary
Executive Director or WBD Managing Director
Regional Managing Director or WBD Director
Group Construction and SHE Director (SHE matters)
IT Director (IT matters, Data Breach/Loss and Cyber threats)
Divisional Managing Director (Business Representative)
Head of Corporate Communications
Head of Public Relations
Head of Legal Services

Additional Staff will be invited to contribute to the team depending on the nature of the incident. These will include; Human Resources, Finance Director, Divisional Directors, Group Technical and Design, Group Data Protection Officer, external legal advice, external PR advice, Insurance brokers, Divisional SHE Manager and expert witnesses.

The Deputy Chief Executive may delegate responsibility to carry out the CMT coordination to others within the team. All members of the Crisis Management Team must nominate a deputy in the event of unavailability or absence.

The Regional Managing Director may be directed to form a local Crisis Management team to carry out and report actions back to the main group. This will be in cases where divisional action is required and where the detail is best managed by those at a local level.

3.4 Level 2 – Crisis Management Team Composition

CMT Coordinator (Regional Managing Director)
CMT Secretary
Regional Managing Director or WBD Director
Group Construction and SHE Director (SHE matters)
Divisional Managing Director (Business Representative)
Divisional Directors (Technical & Construction)
Head of PR or Local PR Coordinator
Group IT Director (IT matters, Data Breach/Loss or Cyber threats)
Head of Legal Services
Divisional Safety Health and Environmental Manager

The Regional Managing Director may depending on the crisis escalate the incident to level 3 in conjunction with the Group Construction and SHE Director.

3.5 Crisis Management Team Coordinator (CMTC)

The CMT Coordinator is responsible for all actions of the CMT in fulfilling the objectives of the CMP. Specifically to:

- Maintain overall control and coordinate actions
- Co-opt any other Group employee or others to assist with the incident
- Logging and dealing with queries
- Arranging communications via conference calls or meetings
- Appoint specialist advisors where required
- Ensure that responsibility is clearly delegated and that all are clear about their roles
- Ensure that the crisis is being dealt with at the appropriate level and the most appropriate staff are taking charge especially at divisional level.

3.6 Crisis Management Team – Communications

- Manage all media enquiries and releases avoiding jargon
- Be consistent by keeping spokespeople informed of crisis events and key message points
- Ensure the CMT is fully aware of the extent and nature of any internal or external interest in the crisis
- Put in place a suitable communications response strategy
- Monitor media coverage and take action as required
- Manage internal communications with other divisions etc.
- Advise on the actions necessary to protect the Group's reputation

3.7 Crisis Management Team Secretary

To work with the CMT Coordinator to:

- Organise meetings or conferences
- Logging and dealing with queries
- Recording actions and decisions
- Maintaining an official record of events
- Disseminating information as required.

3.8 Divisional Managing Director – Business Representative

- Ensure the CMT is aware are fully aware of the facts and implications of the crisis as it affects the Division
- Manage response within the Division/operating unit as defined by the objectives of the CMT
- Brief the CMT on the Divisions progress in dealing with crisis

3.9 Group Head of Legal Services

- Ensure that all legal, regulatory and insurance issues arising from the crisis are identified, properly managed and brought to the attention of the CMT
- Ensure legal advice is available if necessary to support employees and advise the Group. Legal advice may be subject to legal privilege where appropriate
- Advise on the appointment of any outside consultants
- Advise on issues of disclosure during management of the crisis
- Advise on compensation issues

3.10 Group Construction and Safety, Health & Environmental Director or Group Head of Safety, Health and Environmental

- Ensure that current and on-going Safety, Health & Environmental issues associated with the crisis are identified, assessed, managed and brought to the attention of the CMT
- Develop and coordinate SHE strategies on behalf of the CMT, working with the affected division
- Identify the potential causes of any health and safety issues that have occurred and make recommendation to control the situation
- Advise on the approach to be taken to investigate the crisis
- Coordinate relationships with Enforcing agencies
- Liaise with the Divisional SHE managers to ensure management of the investigation at a local level

3.11 Agenda for Meetings

The CMT Coordinator will be responsible for chairing each meeting and the format will be that as detailed in appendix B or as defined by the Coordinator.

4.0 Record Keeping

The CMT are reminded that making notes, writing documents or recording information may be discoverable in Court. Therefore all correspondence must be appropriate and in line with the agreed objectives of the CMT. Communication either verbally or in writing must reflect the guidance provided by the CMT. Do not destroy or discard documents unless specifically advised by the Head of Legal that they are irrelevant.

Logs must be maintained of all actions taken, messages received/given and verbal discussions which should be submitted to the CMT secretary for inclusion in the Crisis file.

5.0 Standing Down and Review

5.1 Standing Down

The CMT Coordinator will assess the situation at regular intervals and will agree on the appropriate time for the transfer of responsibility to Regional or Divisional Management on a partial or full-time basis.

A weekly update will be provided to the Executive Committee and/or the Group Board.

The CMT Coordinator will recommend the standing down of the CMT on advice from all members.

5.2 Review

The CMT Coordinator will review handling of the crisis at the next scheduled Safety Health and Environmental Committee meeting and assess whether procedures or the plan require amendment.

Appendix A - Crisis Management Day One Checklist

Crisis Management Team Coordinator

Activity	Action Required	Date Actioned
Compile a list of required personnel and deputies.		
Obtain accurate report of incident, including full details of all any person injured (if required) or potential significant loss		
Inform all relevant persons including Executive Directors/Non-Executive Directors of the Crisis and the level of response.		
Establish Crisis Management Team and methods of communications.		
Ensure legal advisors are appointed to provide support and advice and to establish legally privileged status of any investigating team.		
Consider with legal advisors the appointment of expert witness to assist with the investigation and advise on actions required.		
Advise Insurers of incident.		
Appoint lead investigator for the incident.		
Arrange for local control room to be set-up either at location of incident or in divisional/regional office.		
Appoint person to liaise with Emergency Services (if required).		

Activity	Action Required	Date Actioned
Appoint person to liaise with external agencies. Consider what they need to know. • Police • HSE • EA • Banks (If financial info is lost) • Suppliers • Customers		
Establish Emergency contacts list and issue to members of the CMT.		
Establish local project management team and provide details of levels of authority and lines of communication.		
Allocate resources and facilities to meet immediate short term needs.		
Consider appointment of individual from outside of existing local management to manage the recovery process.		
Consider if hot-line is required for persons affected by the incident.		
For Data breaches or Cyber threats consider • What data has been lost and how many individuals are affected. • Is it a one-off or likely to recur • Was the data targeted specifically • What is the risk of the data being misused • What effect could any misuse of data have		

Activity	Action Required	Date Actioned
Liaise with IT Director and secure access to information on servers potentially relating to the Crisis.		
Review recovery plan with IT Director where services to office or development have been affected.		
Liaise with HR team – Any support or disciplinary action required		
Immobilise Counselling and Support service for any staff or their families affected by the incident.		
Ensure log book is set-up to record all events.		

Crisis Management Team - Communications

Activity	Action Required	Date Actioned
Develop and agree holding statement		
Monitor media output and respond promptly to misinformation.		
Prepare information to be disseminated within the Group. Issue on instruction of the CMT coordinator. Prepare regular updates		
Prepare a list of 'frequently asked questions' with appropriate responses.		
Establish PR team including external support if required.		
Arrange media briefing if required on direction of CMT.		
Maintain log of media interest and update CMT following all enquires.		
Plan ahead regarding future dates relating to the incident (e.g. inquests. Public enquires, anniversaries.		

Appendix B - Crisis Management Team - Agenda

1. Introduction
2. Summary of situation
3. Receive Status Reports on:-
    a. Injuries
    b. Cause
    c. Damage
    d. Possible further damage or containment
    e. Environmental assessments
    f. Business Impact Assessment
4. Management of Crisis at Regional/Divisional level
5. Allocation of responsibilities
6. Liaison with Enforcing authorities
7. Business Reputation – Communications
8. Business Continuity
9. Legal review –update
10. Recovery plan
11. Any Other business
12. Next review

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

33 ASBESTOS



Version Control	Date
V1.2	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction and SHE Director	01.04.2025

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1. Introduction and Scope

1.1 Introduction

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document located on DocuShare.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> **The Primary SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of, compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Asbestos.

2. SHE Policy and Controls

The SHE Policy states:

- Any organisation(s) employed by the Company must demonstrate they are technically competent to undertaken surveys for Asbestos Containing Materials (ACMs) through accreditation to ISO/IEC 17020 UKAS
- Any contractors employed to undertake the work must produce a detailed plan of work and assessment of exposure prior to commencing work. The intention to remove the material must be notified to the Enforcing authority by the contractor at least 14 days prior to work commencing.

The Primary SHE Controls are:

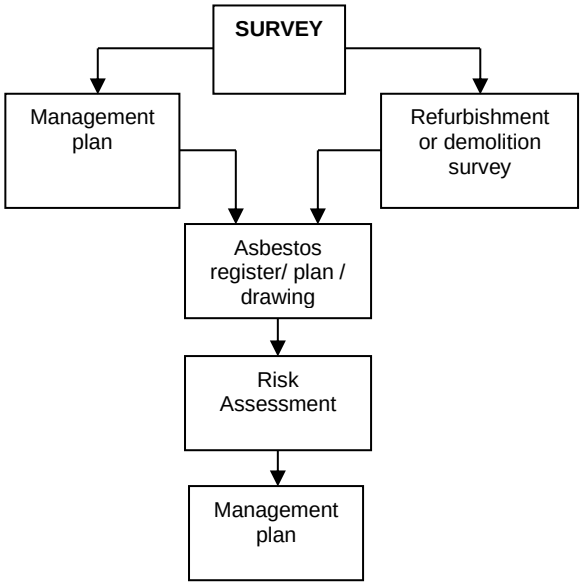
- Site Management should obtain safe systems of work information from licenced contractors and review via SHE Form 14.
- The relevant SHE Manager for the development should review all plans of work submitted by licensed contractors.
- The SHE Manager is responsible for ensuring that organisations employed are vetted appropriately i.e. are competent and accredited.

The SHE Relationship states:

- BRS 01 Pre-Commencement
- BRS 03 Appointment of Contractors
- SHE Form 04 Pre-Construction Safety, Health & Environmental Information Pack
- SHE Form 14 Safe System of Work Evaluation
- SHE Form 75 Competency of Principal Contractors
- SHEB 08

3. Additional Mandatory Controls - Asbestos

		Reference	Responsibility
1.0	**Introduction**		
1.1	The hazard associated with working with Asbestos Containing Materials (ACM) is that when disturbed asbestos fibres are released. Asbestos fibres, if inhaled, are known to be the cause of asbestosis, (asbestos induced lung fibrosis), mesothelioma (cancer of the lining of the lung) and lung cancer.		
2.0	**Managing and Review of Existing Structures for known ACMs and presumed ACMs**		
2.1	The requirements placed on 'duty holders', normally the owner or occupier of the premises: • Take reasonable steps to determine the location of materials likely to contain asbestos • Presume materials to contain asbestos, unless there is good reason not to do so	SHE Form 04	Technical Director
	• Make and maintain a written record of the ACMs and presumed ACMs • Assess and monitor the condition of ACMs and presumed ACMs • Assess the risk of expose to ACMs and prepare a written plan of the actions and measures necessary to manage the risk (i.e. a management plan) • Take steps to see that these actions are undertaken	Management Plan	Technical Director
2.2	**Types of Surveys** The type of survey will vary during the lifespan of the building / premises. A management survey must be undertaken during the normal occupation of the building to ensure continued management of the ACMs.	SHE Form 04 Refurbishment or demolition survey	Licenced Consultant or Contractor
2.3	A refurbishment or demolition survey will be necessary to assess ACMs and presumed ACMs in a building prior to the premises being upgraded, refurbished or demolished. In each case the area and scope of the works must be agreed with the Surveyor undertaking the report.		Technical Director

		Reference	Responsibility
			
2.4	The report provided by the surveyor must give clear indication to areas of the building(s) which could not be accessed due to access restrictions or unsafe conditions (such as fragile roofing or exposed leading edges). These areas must be clearly documented requiring further investigation prior to works commencing in affected areas.		
2.5	The duty holder must ensure that sufficient time and resource is given to undertaking the surveys and ensuring the information is provided to the Client, Principal Designer, Principal Contractor and any affected tendering contractors.		
3.0	**Competency for Surveyors**		
3.1	Any organisation(s) employed by Barratt Redrow plc must demonstrate they are technically competent to undertaken surveys for ACMs through accreditation to ISO/IEC 17020 UKAS. Individuals undertaking surveys must demonstrate they are technically competent to ISO/IEC 17024.	BRS 01	Commercial Director
3.2	All surveyors must hold the British Occupational Hygiene Society Proficiency Module P402; Buildings surveys and bulk sampling for asbestos. Individuals must also be able to demonstrate at least six months full time and relevant practical experience on asbestos surveys under the supervision of experienced and suitably qualified personnel.		
3.3	Additional training recognised is P402R refresher modules and Personnel with RSPH Level 3 Certificate in asbestos inspection procedures.		
3.4	The Technical Department must obtain information from existing Health and Safety File and Asbestos Management Plans if they are available.	SHE Form 04	Technical Director

		Reference	Responsibility
	Where works of a demolition / refurbishment nature are to be undertaken, a refurbishment / demolition survey must be undertaken to ascertain if any asbestos based materials are present.		
3.5	Any suspicious materials must be sampled and sent for an analysis. The sampling must be undertaken by a person who holds a RSPH or BOHS P402 identified in asbestos surveying. Sample must be analysed by a UKAS accredited laboratory, whose systems are accredited to ISO/IEC/17025. .		
3.6	A report of the findings of the survey must be included in the Safety, Health and Environmental Information Pack for the development. This report must contain suitable site plan, written location tables and sample location photographs.	SHE Form 04	Technical Director
4.0	**ACM identified during any works**		
4.1	If any suspected ACMs are found during the construction phase, work must cease immediately and the immediate location secured, with appropriate warning notices erected to prevent any damage. Samples of the material must be analysed prior to any work re-commencing.		Contracts Manager / SHE Manager
4.2	Site personnel must be fully aware of their role in the likelihood that ACMs or presumed ACMs are discovered. The SHE Manager must be informed immediately. The HSE may need to be notified in the event of any disturbed ACMs or presumed ACMs.		
5.0	**Removal of any ACM – Licenced Works**		
5.1	Removal of asbestos insulation, insulating boards or sprayed coating must be undertaken by a specialist contractor with a licence issued by the HSE. The contractor must be a member of the Asbestos Removal Contractors Association (ARCA) and must hold a Safety Scheme in Procurement accreditation. A copy of the contractor's licence must be provided to site management prior to any removal works commencing.	BRS 03	Commercial Director
5.2	Any contractors employed to undertake the work must produce a detailed plan of work and assessment of exposure prior to commencing work. The intention to remove the material must be notified to the Enforcing authority by the contractor at least 14 days prior to work commencing. The relevant SHE Manager for the development should review all plans of work submitted by licenced contractors.	Contractors Method Statement Review Procedure / SHE Form 14	Specialist Contractors SHE Managers / Contracts Manager / SHE Manager (Advice Only)
5.3	Prior to commencing work the contractor must have available on site the following;	Site Records	Licenced Contractor

		Reference	Responsibility
	• Plan of Work, which must include a procedure for when additional ACM or suspected ACM have been found. • ASB5 Notification to the HSE including location of enclosure, negative pressure units, 3 stage airlock, decontamination unit and transit routes if applicable • Copy of Asbestos Removal Licence and Insurance • Operatives' Medical Certificates and Face Fit Certificates • Training records for Supervisors and Operatives • Copies of Decontamination Unit, Negative Pressure Units and H-Type vacuum cleaners test certificates • Weekly Inspection Records		
6.0	**Removal of ACM – Non-Licenced Works**		
6.1	Removal of asbestos cement products such as roof sheets, floor tiles, asbestos paper or asbestos backed PVC flooring etc can be undertaken by contractors who do not have a licence issued by the HSE. A Non-Notifiable Asbestos Notification will however need to be issued to the HSE prior to the commencement of these works.		Commercial Director
6.2	A detailed plan of work must be provided by a contractor prior to work commencing, which will include: • Access to work area, prevention of falls and restricting any others • How the material will be removed i.e. whole sheets where practicable • How dust/fibres will be supressed i.e. spays of wetting agent • How the material will be wrapped and disposed of • Personal Protective Equipment		Technical Director
7.0	**Training of Site Management**		
7.1	If any ACM are being removed from a development the site management team must be provided with a SHE briefing which will include the following content. • Health risks associated with asbestos • Controls associated with the removal of ACM • Emergency procedures	<u>SHE Briefings</u> SHEB 08	Contracts Manager / SHE Manager
8.0	**Air Monitoring following completion of the works**		
8.1	Details of the scope of air monitoring for the works must be detailed in the Plan of Work. All air monitoring must be undertaken by a UKAS accredited air testing laboratory independently appointed by Barratt Redrow Plc.	Four Stage Certification or Recertification	Licenced Contractor

		Reference	Responsibility
8.2	All certificates of monitoring must be retained in the site SHE records.	SHE Form 75	
9.0	**Waste Disposal**		
9.1	The disposal of ACMs will be classified as hazardous waste and must only be transported by a registered waste carrier and subject to control via a consignment note.		Technical Department
9.2	Prior to removing asbestos materials from site the contractor must have available on site the following; • Waste Carriers Licence • Waste Disposal Facility Licence • Consignment Note (completed Part E to be returned and retained in site SHE records)		Licenced Contractor / Commercial Department

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS)

38 EXCAVATING/DRIVING PILES/DIGGING



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Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction and SHE Director	01.0.2025

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1. Introduction and Scope

1.1 Introduction

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document located on DocuShare.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> **The Primary SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Excavating, driving piles and digging.

2. SHE Policy and Controls

The SHE Policy states:

- Prior to any work involving the breaking of the ground a survey must be undertaken using a cable avoidance tool (CAT) by a suitably trained person
- Work must be controlled by a Permit to dig / excavate / drive piles and a copy of the service drawing for the dig area must be available for review in the excavator, or be held by the operatives in the work area.

The Primary SHE Control is:

- Statutory inspections /Examinations of excavations must be made by competent personnel and a record maintained by the subcontractor, which must be available on site. SHE form 50 can be used if required.

The SHE Relationship states:

- BRS 05 Accident, Incident Reporting2, Environmental and Mandatory Occurrence Reporting
- BRS09 Confined Spaces
- BRS 34 Plant and Equipment
- SHE Form 04 Pre-Construction Safety, Health and Environmental Pack
- SHE Form 05 Construction Phase Safety. Health & Environmental Plan
- SHE Form 06 Contractors Weekly SHE Documentation
- SHE Form 14 Safe System of Work Evaluation
- SHE Form 43 Temporary Works Register
- SHE Form 44 Permit to Dig/Excavate/Drive Piles
- SHE Form 48 Confined Spaces – Permit to Enter
- SHE Form 50 Excavation Inspection Report
- SHE Form 55 Permit to Operate Ride on Plant

3. Additional Mandatory Controls - Excavating/Driving Piles/Digging

		Reference	Responsibility
1.0	This procedure applies to all work that involves the penetrating of the ground at or below surface level (Not just groundworks). This includes all excavations, trenchless techniques, sheet or driven piling and fencing.		
2.0	A safe system of work must be in place for the work which involves but is not limited to: • Correct use of accurate plans to aid the location of services • Use of cable avoidance tools by competent persons • Use of safe digging or drilling techniques • Detail the restrictions for use of plant, including tools and equipment for the work • Permit control documentation • Support of adjacent structures • Safe Means of access into an excavation • Preventing collapse by support or battering sides of excavation • Suitable barriers at ground level to prevent falls of persons and materials • Maintaining fresh air and suitable lighting where required • Contaminated Land • Consideration for the management of water ingress.	SHE Form 14	Site Manager
3.0	Where applicable additional control measures must be introduced in order to manage confined spaces works.	BRS 09 SHE Form 14	Site Manager
4.0	A geotechnical soil investigation survey must be completed in order to determine the physical properties of the soil, and to assess the potential for contamination.	Geotechnical Report/Table 1 SHE Form 04	Technical Director
5.0	Accurate services drawings must always be available on all sites, which are consulted prior to any work taking place. These must be updated when any new services are identified or installed. A register must be maintained of the latest service drawing	Service Drawings As Built Drawings	Technical Manager / Site Manager
6.0	Prior to any work involving the breaking of the ground a survey must be undertaken using a cable avoidance tool (CAT) by a suitably trained person and a copy of their training qualification must be held on site. A copy of the cable locating device 12 Monthly calibration must be available on site.	Contractor safe system of work Operating Instructions on radio detection	Site Manager

		Reference	Responsibility
	Cables may not be detected if not there is no electrical draw, are pot-ended, or are low voltage cables and therefore radio detection mode may be required. Recorded CAT surveys must continue during the excavation works.		
7.0	The position of any services must be clearly marked on the ground using waterproof spray paint or by erecting suitable signs.	SHE Form 44	Site Manager
8.0	Work must be controlled by a Permit to dig / excavate / drive piles and a copy of the service drawing for the dig area must be available for review in the excavator, or be held by the operatives in the work area.	Contractor SSOW SHE Form 14	Site Manager
9.0	The hierarchy of control to ensure safe digging for service connections on site is: • Services chambers created where practicable which can be easily accessed to allow plot connections etc to be made • Sand/gravel bags placed upon laid services to negate the need for digging in close proximity to the services for any final connections • Vacuum/suction extraction plant where ground conditions permit their use. Where practicable this plant must be used in close proximity to any high pressure or high power services • Where any of the above cannot be applied, safe digging techniques can be undertaken	SHE Form 44 Contractor SSOW SHE Form 14	Site Manager
10.0	Where safe digging techniques are being applied the following must be followed: • When digging near cables, insulated hand tools i.e. spades and shovels with wooden or fibreglass handles must be used • Mechanical excavator / power tools must not be used within 0.5m of any service (electric, gas, water or communication services). • Road pins or metal stakes must not be driven into the ground in the vicinity of any service routes. • Before using a mechanical excavator, trial holes must first be dug using hand tools, to confirm the depth and position of services.	SHE Form 44 Contractor SSOW SHE Form 14	Site Manager

		Reference	Responsibility
11.0	Traffic routes must be maintained at a safe distance from the edge of the excavation, with suitable traffic management barriers erected where the risk assessment requires protection. Contractors are to provide the protection for their specific work activities.	Traffic Management Plan	Site Manager
12.0	Where plant movements across the site have the potential to damage underground services then exclusion zones or grillage protection must be installed to distribute the weight of the plant. Certain plant may be restricted in vicinity of designated protection areas, this need identifying on the Site Traffic Management Plan (STMP) and the Contractors Plant Development Risk Assessment.	Contractor SSOW SHE Form 14 Development Plant Risk Assessment	Site Manager Contractors Supervisor
13.0	An assessment of the support system required for the prevention of a collapse of the sides of an excavation must be provided by the sub-contractor.	SHE Form 14 BRS 18 SHE Form 43 SHE Form 05	Site Manager/ Temporary Works Coordinator
14.0	Suitable access must be provided to an excavation based on the assessment detailed in 13.0. No persons should enter an unprotected foundation excavation to remove small items of debris prior to pouring concrete	SHE Form 14	Site Manager
15.0	Barriers must be placed at ground level by the contractor in order to prevent the falls of persons, materials or plant into an excavation. These must be pedestrian crowd safety barriers which are a minimum of 1m high and are coloured red or white so that they are visible. Lengths of chain/bunting tape slung between posts or 1m high mesh (Netlon) supported by steel pins or timber stakes do not meet the requirement. **Note: Barriers can be removed to allow access for an excavator etc. but must be replaced once the machine moves away from the dig area.**		Site Manager
16.0	If pedestrian access is required across an excavation, proprietary platforms or rigid matting must be provided which incorporates suitable guardrails and crossing points.		Site Manager
17.0	For protection of excavations adjacent to public highways refer to New Roads and Street Works Act for guidance (NRSWA) requirements for public protection when undertaking road works.	New Roads and Street Works Act – Chapter 8	Site Manager
18.0	Benching the sides of the excavation is an alternative to battering with the depth and width of the steps determined using the angle of repose guidance below, however the vertical distance must not exceed 1.0m.		Site Manager

		Reference	Responsibility
19.0	The height of any foundation islands needs to be considered and reduced were reasonably practicable. Any access on to the islands to work must be reviewed and safe access provided. No compressors or plant should be stored on the islands. Materials such as brick and block must not be stacked on islands unless this can be done on flat stable ground to avoid them tipping over or collapsing.		Site Manager
20.0	Battered excavations need regular monitoring. When deciding on the angle of repose, see Table 1.	SHE Form 06	Contractors Supervisor Site Manager
21.0	Ensure spoil heaps and material are at least 1.5 m from the edge of any excavation or further away when required by the depth of the trench and the angle of repose in order to prevent potential collapse of the trench. (No dumpers are permitted on to spoil heaps and warning signs erected if required)	BRS 34 Development Plant Risk Assessment	Contractors Supervisor Site Manager
22.0	If plant and equipment is used to tip back filling materials into trenches, stop blocks must be provided.		
23.0	Where an excavation is considered a confined space then it must be subject to a Confined Spaces – Permit to Enter.	BRS 09 SHE Form 14 SHE Form 48	Site Manager / Contractor Supervisor Site Manager
24.0	Statutory Inspections/Examinations must be made by competent personnel and a record maintained by the subcontractor, which must be available on site.	Contractors' own documentation SHE Form 06	Contractors Supervisor Site Manager
25.0	Excavators are subject to the Provision and Use of Work Equipment and the Lifting Operations and Lifting Equipment Regulations. If an excavator is used as a crane, a copy of Lifting Equipment Statutory Examination is attached to the Plant Arrival Form (SHE Form 55).	BRS 34 SHE Form 55	Site Manager/ Contractor Supervisor
26.0	Any damage to a service must be isolated or an exclusion zone needs to be established. The utility/ service provider must be notified, and a record of the incident must be recorded.	Group Incident Reporting Platform	Projects Director / Contracts Manager / Site Manager
27.0	The Site Manager must advise the development Line Managers and SHE Manager immediately by telephone to initiate an investigation and to determine if the incident is reportable under the provision of Schedule 2 RIDDOR.	BRS 05	Site Manager

Table 1

Guidance on Angles of Repose

Material	Dry Ground (degrees)	Wet Ground (degrees)
Gravel	30-40°	10-30°
Sand	30-35°	10-30°
Silt	20-40°	5-20°
Clay	20–45°	10-35°
Peat	10-45°	5-35°
Broken Rock	35°	45°
Top Soil	35-40°	45°

OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENTAL PROCESSES AND PROCEDURES MANUAL (PPM)

BARRATT REDROW STANDARD (BRS) 41

DEVELOPMENT SECURITY AND SIGNAGE





Version Control	Date
V2.2	April 2025

Approval and sign-off	Name	Confirmation & date
Sponsor	Steven Boyes, Chief Operating Officer	01.04.2025
Owner	Vince Coyle, Group Construction and SHE Director	01.04.2025
Author	Vince Coyle, Group Construction and SHE Director	01.04.2025

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1. Introduction and Scope

1.1 Introduction

Barratt Redrow plc (the Group) is fully committed to achieving high standards of health, safety and welfare, always creating a safe working environment.

This document sets out the Group's processes and procedures for Safety, Health and Environmental (SHE). It must be read in conjunction with the SHE policy document located on DocuShare.

The SHE policy is denoted at the start of the section to which it relates by the exclamation mark symbol and text noting what must be complied with, for example:

> **The SHE Policy states:**
>
> The policy statement(s) are noted thus.

This policy provides the narrative as to 'what' must be complied with, within the business and the control around the policy refers to 'how' the policy is to be complied with through these procedures; the control elements are denoted by the tick symbol and text, for example:

> **The Primary SHE Control states:**
>
> The control for the policy is noted thus.

Additionally, where the SHE PPM has a close relationship to other departmental policies and procedures, these are referenced by the warning symbol and text, for example:

> **The SHE Relationship states:**
>
> Reference should be made to the following procedure documents.

The Group Construction and SHE Director (or Delegate of Authority where appropriate) is responsible for ensuring that all SHE team members have access to and comply with this information, providing:

- A reference point in the event of any query on policy or procedure
- A standard and consistent operating procedure across the Barratt Redrow Group
- An auditable trail of process to enable the Group to inspect the SHE operation and carry out checks on a Division's efficiency and compliance
- Best practice across the Group, by being subject to review and the adoption of regular updates to capture continuing improvements within the business.

It is vitally important that all members of the SHE department are fully conversant with these policies and procedures. The adoption of compliance with and ongoing review of these policies and procedures will support the department in achieving its objectives.

By following these policies and procedures Divisions will be able to self-audit their processes, this will be backed-up by Group audits on a regular basis for compliance.

1.2 Scope of the SHE Barratt Redrow Standards that must be followed

This document covers:

- Development security and signage.

2. SHE Policy and Controls

The SHE Policy states:

- The specific controls for the prevention of unauthorised access to the development must be assessed and detailed in the Construction Phase Safety, Health and Environmental Plan. As part of the assessment, consideration must be given to what levels of security are needed.

The Primary SHE Controls are:

- SHE Form 05
- A weekly inspection of the perimeter fencing must be undertaken

The SHE Relationship states:

- BRS 03 Appointment of Contractors
- BRS 18 Temporary Works Classification and Control
- SHE Form 01 Land Purchase Feasibility Checklist
- SHE Form 02 Section 13 - for Assessment of Site Security during Pre-Development and Commencement Phases
- SHE Form 05 Construction Safety, Health and Environmental Plan
- SHE Form 14 Safe System of Work Evaluation
- SHE Form 29 Site Management SHE Tour
- SHE Form 35 Site Execution Plan Quarterly Review
- SHE Form 43 Temporary Works Register

3. Additional Mandatory Controls - Development Security and Signage

		Reference	Responsibility
1.0	**Prevention of access to compound and areas of the site where construction operations are in progress** There are two principles which must be adhered to when controlling site access: 1. Controls must be in place to manage access/egress to the construction zones and/or compound by individuals both authorised and unauthorised. 2. We have a statutory duty to have clear demarcation and protection for our construction activities.		
2.0	**Criteria for determining appropriate site access control**		
2.1	To assess what controls are suitable the following should be taken into account: • Stage of build: Site commencing or nearing completion etc • Type of Development: low or high rise • Site location: Urban, rural or city centre • Occupation: If the site has occupied plots • Proximity to other premises or residential areas e.g. schools, care homes, etc • Proximity of site access to a main road: i.e. multiple deliveries likely to cause congestion if not appropriately managed • Number of site access points		
2.2	The primary objective is to manage access to the construction zone by having access points to the construction zone(s) that do not interface with occupied areas of a development, where reasonably practicable. Access to the site car park should be considered and if reasonably practicable, access to the car park through occupied zones should be avoided. Even where separate routes can be planned, due to proximity hazards, controls will still be required to prevent unauthorised access to the construction zone. Therefore, the specific controls for managing access in to the construction zone and through any occupied areas of a development must be assessed and agreed at the Pre-Commencement meeting (SHE Form 02) Section 13	SHE Form 02 SHE Form 05	Construction / Project Director

		Reference	Responsibility
	- Site security requirements (management of access/egress), and furthermore reviewed as part of Site Execution Plan and detailed in the Construction Phase Safety, Health and Environmental Plan (SHE Form 05). Any controls will require constant review and assessment as the site is developed.		
3.0	**Site Security Options:**		
3.1	Option 1 - Traffic controls in place where reasonably practicable i.e. speed humps/signage/managed routes etc. to manage delivery vehicles etc. accessing the construction zones via occupied locations of a development. Pedestrian/vehicle access to the construction zone controlled via 2m high proprietary gates (lockable and with wheels/drop bolt), which must be closed, unless being used for access. Pedestrian gates should be self-closing and fitted with keypad control where reasonably practicable. An alternative is automatic vehicle gates at the entrance to the construction zone which are controlled via sensors as vehicles approach the gates.		Construction / Project Director
3.2	Option 2 – As per option one, plus a gate person employed to manage at peak times (i.e. 07.45 – 09.00hrs and 15.00 – 16.30hrs) or alternatively, automatic gates at the entrance which are controlled remotely by making contact with designated person(s). Rest and welfare breaks to be considered for the gate person.		
3.3	Option 3 – As per option one, but a gate person employed full time. Main gates can be open to control access during the working day. Gate person employed to manage deliveries and pedestrians with appropriate temporary accommodation i.e. heated hut or similar. Rest and welfare breaks to be in place for the gate person with cover, or alternatively gates to be kept shut if unattended and contact number displayed.		
3.4	Option 4 - Automated access control system for workers linked to Induction Manager with means of controlled entry for visitors, and gate person controlling vehicle access points or entrance points that may cross public footpaths etc. Process in place for managing visitors to the site either via gate person or contact point with Site Management. Or Automated gated access for vehicles and pedestrians (turnstile barriers) linked to an access control system (Induction Manager for workers).		

		Reference	Responsibility
	Process in place for managing visitors to the site via contact with Site Management.		
4.0	**Determining the appropriate access control against site criteria:**		
4.1	**Table 1** shows which access control options should be considered for each of the above criteria. It should be noted that it is anticipated that a site might well meet different criteria throughout its lifecycle, e.g. option one might well be appropriate at commencement, and then it might be option two when in full build and then move back to option one in the later stages of the development.		Construction / Project Director
4.2	In addition, when a site is determining which is the most appropriate option, it might find that it has criteria that meets several options. If this is the case, then the higher option should be implemented. For example, a site might meet all the criteria for option one but be within 50m of a school so therefore it will need to implement option two arrangements.		
5.0	**Review of Site Security Assessments**		
	The review of security assessment checklist contained in SHE Form 05 must be completed at least every 3 months, in accordance with the review of the Site Execution Plan (SHE Form 35). More frequent reviews maybe required to coincide with significant changes to positioning of security boundary fencing and site entrance location due to occupations or completed phases of build, unplanned emergency works in public or occupied phases or the commencement of new construction phases.	SHE Form 35	Contracts Manager/Site Manager
4.0	**Fire Safety During Construction Works**		
	See specific development fire security arrangements.	BRS 32	Construction / Project / Commercial Director
5.0	**Security Guards and or CCTV**		
5.1	Security personnel or CCTV cameras can be utilised as an additional measure to protect the site, based on the assessment of risk, but these will be in addition to perimeter fencing and control access points to the construction zones.	BRS 03	Construction / Project Director
5.2	Security Guards must be Security Industry Authority (SIA) registered.		Commercial Director

		Reference	Responsibility
5.3	Appropriate risk assessment for security personnel must be provided, which includes controls for any lone working. Site Manager must review the company risk assessments.	SHE Form 14	Site/Project Manager
5.4	A specific risk assessment must be undertaken by the security company to determine the use of guard dogs.		Site/Project Manager
5.5	Where practicable CCTV should be remotely monitored and controls in place to respond in the event of unauthorised access to the site.		Contracts/Project Manager
6.0	**Development Perimeter Fencing**		
6.1	Proprietary fencing/hoarding must be erected on all developments in accordance with temporary works designs and/or manufacturer's instructions to secure the perimeter of the site.	Docushare Temporary Works	Construction / Project / Commercial Director
6.2	The following hierarchy of control will apply to perimeter fencing (i.e. each control should be considered in turn and only move to the next control if the previous is proven to be not reasonably practicable to implement): Note. For all city centre or other high-risk locations 2.4m high timber hoarding erected to Group approved designs must be provided unless assessment results in one of the below being deemed suitable. • 2.0m high (minimum) close boarding fencing or 2.0m high anti-climb proprietary fence panels (Heras or similar) fixed to 75mm x 75mm timber posts with no gaps beneath the panels • 2m high chain link fencing fixed to 75mm x 75mm posts at 3m centres. Rails fixed at top, mid and bottom of the posts to ensure chain link fencing can be secured • 2.0m high anti-climb proprietary fence panels (Heras or similar) double clipped on Concrete or thermoplastic feet. Feet positioned so that they are not a tripping hazard, and panels positioned to prevent collapse during high winds etc. • 2.0m high anti-climb proprietary fence panels (Heras or similar), double clipped with hi-visibility feet in any location where pedestrian access is required. Feet must be positioned so that they are not a tripping hazard		

		Reference	Responsibility
	• Use of existing features or boundaries which provide protection that is equal to or similar to the above Note: 1.8m high close boarded fencing can be used to temporarily secure areas within the boundary of the site to provide localised segregation from construction activity and occupied areas.		
6.3	A weekly inspection of the perimeter fencing must be undertaken.		Site / Project Manager
6.4	Where timber hoarding is erected to a site boundary, 6 monthly inspections must be completed and recorded by a structural engineer.		Site / Project Manager
7.0	**Maintenance and Inspection of powered access gates**		
	Where automatic powered access gates are selected and installed to sites, a maintenance and service support package must be agreed with the supplier to ensure all mechanical and electrical equipment and components, including movement detectors and sensors, solar panels are regularly serviced and fully operational in accordance with manufacturers / suppliers' warranties.	Manufacturer/ Supplier Data Sheet or Product Specification	Commercial Director
8.0	**Protection of ladders or access stairs to scaffolds**		
8.1	Unauthorised access to scaffolds must be controlled especially out of normal working hours. The following hierarchy must be applied to controlling access to scaffolds at all high-risk locations within the construction zone and must be regularly assessed by site management. • Ladders to scaffolds removed from the ground to first lift at the end of each day and securely stored to prevent them being easily re-erected by unauthorised persons. • Fit ladder guards to prevent access. This is a proprietary metal plate that secures over the rungs of the ladder. Site-made timber alternatives may be acceptable, if they are robust and can be secured in place.		Site / Project Manager
8.2	When using ladder guards, the following should be noted: • They must be locked in place – rope lashing is not acceptable		Site / Project Manager

		Reference	Responsibility
	• They must make the ladder rungs unusable. No more than 50mm of each rung should be visible when the guard is pushed to one side • They should cover a minimum of six rungs • Any handles on the guard should not act as a means of climbing access • A suitable guard must be used for each ladder  Fig 1. Suitable ladder guard		
8.3	Where proprietary stairs are provided, access to the stairs must be prevented by a gate, which is secured at the end of each day.  Fig 2. Gate to secure proprietary stairs (Note: Fencing will be required around the access point to prevent unauthorised access)		Site / Project Manager
9.0	**Signage**		
9.1	All signage that is to be displayed must be from the Group approved supplier. Any additional signage must be approved by the SHE Manager		Contracts/ Project Manager/ Site Manager/ SHE Manager

		Reference	Responsibility
9.2	A development signage board must be erected and displayed at the entrance to the development.		
9.3	Caution Construction Keep Out signs must be erected at 25m intervals along the perimeter fencing.		
9.4	Signage within compound must be displayed in accordance with the standard compound layout.		
9.5	SHE information board must be displayed in the Site Office.		
9.6	SHE information board must be displayed in the canteen.		
9.7	Campaign posters must be displayed in proprietary frames above urinals in the male facilities.		
9.8	Campaign posters must be displayed in proprietary frames above wash hand basins in female facilities.		

Table 1:

		Option 1	Option 2	Option 3	Option 4
Stage of build	Site at the early stages of build with limited low risk trades on site	X			
	Site at end of development (scaffold dismantled and finishing trades only)	X			
Build programme: projected build volume in any 12-month period	Less than 40 plots	X	X		
	Between 41-59 plots		X		
	More than 60 plots			X	
Type of Build	Low Rise - Standard housing or Apartments 4 storey's or below	X			
	High rise - 5 storeys and above			X	X
Site location	Urban – Existing residential or retail or low use commercial locations	X			
	Rural – Not near existing residential locations	X			
	City Centre – Inner city locations			X	X
Site occupation	No development occupations	X			
	Plots occupied but not on delivery or access route to build area	X			
	Plots occupied on delivery or access route to build area but buffer zone of at least 3 unoccupied plots to the access gates can be always implemented with 2m fencing erected along the line in front of the unoccupied plots and returned/secured at the initial unoccupied plot.	X	X		
	Plots occupied and on delivery or access route to build area with no buffer zone available		X	X	
Proximity to vulnerable persons e.g. schools, etc.	None within 50m of site entrance or access point to the site not on direct pedestrian route to the school	X			
	within 50 m of the site entrance		X		
Proximity of site access to a main road: i.e. multiple deliveries likely to cause congestion if not appropriately managed or access gates cannot be set back from the junction of the main road	Yes		X		
	No	X			
Size of site i.e. number of access points (e.g. one in one out etc.)	Single point of access/egress to construction zone	X			
	Multiple site access/egress points to construction zones which are all in use		X		

APPENDIX B

SURFACE WATER MANAGEMENT INSPECTION

Site

Date

Description of Drainage

No.	Item	Yes	No	N/A	Comments	Agreed Action to be Taken by Site Team
1.	Have all items from the previous inspection been closed out?	○	○	○		
2.	Is the diesel tank over 10m away from any receptors i.e. surface water drains/ watercourse, and are they in a bund and is there a spill kit available?	○	○	○		
3.	Are all waste stations set up 10m away from any receptors i.e. surface water drains/ watercourses?	○	○	○		
4.	Do the works on site require working close to watercourses? If so are all relevant permits and licences in place?	○	○	○		
5.	Are the receptors i.e. surface water drains protected from slurry entering? Are gully bags deployed and working effectively	○	○	○		
6.	Is there an interceptor fitted in the gully at the end of the line nearest to the outfall?	○	○	○		
7.	Is a SUDS risk assessment in place, is it appropriate? Are appropriate temporary measures in place to prevent access to any potential deep water whilst natural planting etc. is maturing. Are all temporary measures required in good condition i.e. fencing, signage or life savings equipment.	○	○	○		

No.	Item	Yes	No	N/A	Comments	Agreed Action to be Taken by Site Team
8.	Are balancing lagoons or other holding areas protected at inlets and outlets with a filtration system? i.e.Terrastop	◯	◯	◯		
9.	Are outfalls to the public watercourses running clear?	◯	◯	◯		
10.	If there are watercourses on site, are bunds constructed along the riverbanks? If so ensure that they do not have exposed mud which can cause run-off in adverse weather.	◯	◯	◯		
11.	Any over pumping must have an area dedicated to allow suspended solids to settle, either grassy areas, settlement tanks (not into gullies)	◯	◯	◯		
12.	Are spoil heaps sited away from any receptors i.e. surface water drains/ watercourses? Do they need to be protected against contamination?	◯	◯	◯		
13.	Are there designated areas for wheel washing and plant washing? And are receptors i.e. surface water drains/ watercourses protected?	◯	◯	◯		
14.	Are site roads clean to prevent mud spreading on and off the site into watercourses?	◯	◯	◯		
15.	Is dewatering in progress, if so does the water being filtered require consent/ licence?	◯	◯	◯		
16.	Review sewage control and any pumping stations. Are pumping station controls and monitoring in place and being maintained?	◯	◯	◯		
17.	Are dust suppression measures planned and controlled to prevent run-off entering watercourses?	◯	◯	◯		

SURFACE WATER MANAGEMENT INSPECTION

No.	Item	Yes	No	N/A	Comments	Agreed Action to be Taken by Site Team
18.	Are there any other constraints issues identified during the inspection?	◯	◯	◯		

Other Items	Agreed Action to be Taken

SIGN OFF

Name	Position	Date	Signed
			✗

Barratt Redrow

SHE FORM 10A - SURFACE WATER MANAGEMENT INSPECTION CLOSE OUT

Site		Date			
Site Manager Name		Date of SHE Form 10		Inspection By	

ITEMS REQUIRING ACTION

No:	Items:	Details of Action Taken:
1.		
2.		
3.		
4.		
5.		

SHE FORM 10A - SURFACE WATER MANAGEMENT INSPECTION CLOSE OUT

ITEMS REQUIRING ACTION

No:	Items:	Details of Action Taken:
6.		
7.		

ITEM PHOTOS

Describe image inserted above:

Describe image inserted above:

SHE FORM 10A - SURFACE WATER MANAGEMENT INSPECTION CLOSE OUT

ITEM PHOTOS

Describe image inserted above:

Describe image inserted above:

SIGNATURE

Form Completed By

Role

Date

NOISE ASSESSMENT RECORD

Site		Date	
Location		Work Activity	
Machinery Involved		Persons Involved	

Requirement	Status	Comments
Section 60/61 notice	☐ Yes ☐ No	
Working hours	☐ Yes ☐ No	
Control of noise from work activity	☐ Yes ☐ No	
Background noise at boundaries or other locations	☐ Yes ☐ No	

Noise Levels	Status	Comments
Within users hearing zone	☐ Yes ☐ No	
At nearest residence/boundary	☐ Yes ☐ No	
Protection zone	☐ Yes ☐ No	

ACTIONS TO REDUCE NOISE LEVELS

Is a further assessment required?	
Name	
Signed	

NOISE ASSESSMENT RECORD

Date	Time	Location / Work Activity	Result (db) from source				Monitoring by	Comments
			1m	3m	5m			

PERMIT TO DISCHARGE INTO WATERCOURSE

Site		Date	
Permit No		Location	

Duration of Permit	Valid From Date		Valid To Date

Description of the work and location

PERMIT TO CARRY OUT PUMPING OPERATIONS – CONSIDERATIONS/CONTROL MEASURES

Considerations / Control Measures

What type of water is being over-pumped?		
Where will the water be discharged to?		
If being pumped into the new / existing networks are silt mitigation measures in place (gully bags) and are the appropriate approvals in place when required?		
Is there any potential risk of pollution to the environment?		If yes what measures are in place?

Control Measures (tick as appropriate):	Status	Comments
Sediment tank in place		
Water being discharged on a well-vegetated area.		
Silt bag on the outlet hose		
Cut off ditch created lined with clean gravel and Terra Stop Barriers		
Water filtering through Terra Stop Barriers		

Controls in Place

PERMIT TO DISCHARGE INTO WATERCOURSE

PERMIT TO CARRY OUT PUMPING OPERATIONS – CONSIDERATIONS/CONTROL MEASURES

Considerations / Control Measures	
Safe System of Work read and understood by the Contractor ?	
Are the pump and hoses clean and in good working order?	
Will the over-pumping last for 3 consecutive months?	

If yes, an EA permit to discharge will be required before the pumping activity takes place

APPROVAL TO PUMP

Signature ✗

Print Name

Date

PERMIT ISSUED TO

Name | Company | Role

POST PUMP CHECK AND SIGN OFF

Has any local watercourse been affected by the site pumping activity?

Signature ✗

Print Name

Date

Date	Site	Location on Site	NTU	If reading is above 60 NTU what action is required?	NTU reading after action is taken	Name	Position	Signature

NTU stands for Nephelometric Turbidity unit, i.e. the unit used to measure the turbidity of a fluid or the presence of suspended particles in water. The higher the concentration of suspended solids in the water is, the dirtier it looks and the higher the turbidity is. At 60 NTU water will begin to look cloudy

Date	Site	Location on Site	NTU	If reading is above 60 NTU what action is required?	NTU reading after action is taken	Name	Position	Signature

NTU stands for Nephelometric Turbidity unit, i.e. the unit used to measure the turbidity of a fluid or the presence of suspended particles in water. The higher the concentration of suspended solids in the water is, the dirtier it looks and the higher the turbidity is. At 60 NTU water will begin to look cloudy

APPENDIX C

DRAWING REGISTER				
SHEET	DRAWING	REV	DATE	DESCRIPTION
00201	STANDARD COMPOUND FOUNDATION PLAN			
00202	STANDARD COMPOUND LAYOUT - GROUND LEVEL			
00203	STANDARD COMPOUND LAYOUT - GANTRY LEVEL			
00204	STANDARD COMPOUND ELEVATIONS - SHEET 01			
00205	STANDARD COMPOUND ELEVATIONS - SHEET 02			
00206	STANDARD COMPOUND WITH CAR PARKING			
00207	STANDARD COMPOUND LAYOUT - 3D VIEWS			
00208	TYPICAL CARPARK LAYOUT			

HT Code:

Housetype Name:
SITE COMPOUND - TYPE A

Site:
Group Standard

Plot numbers:

Description:
Drawing Register

Scale at A3:

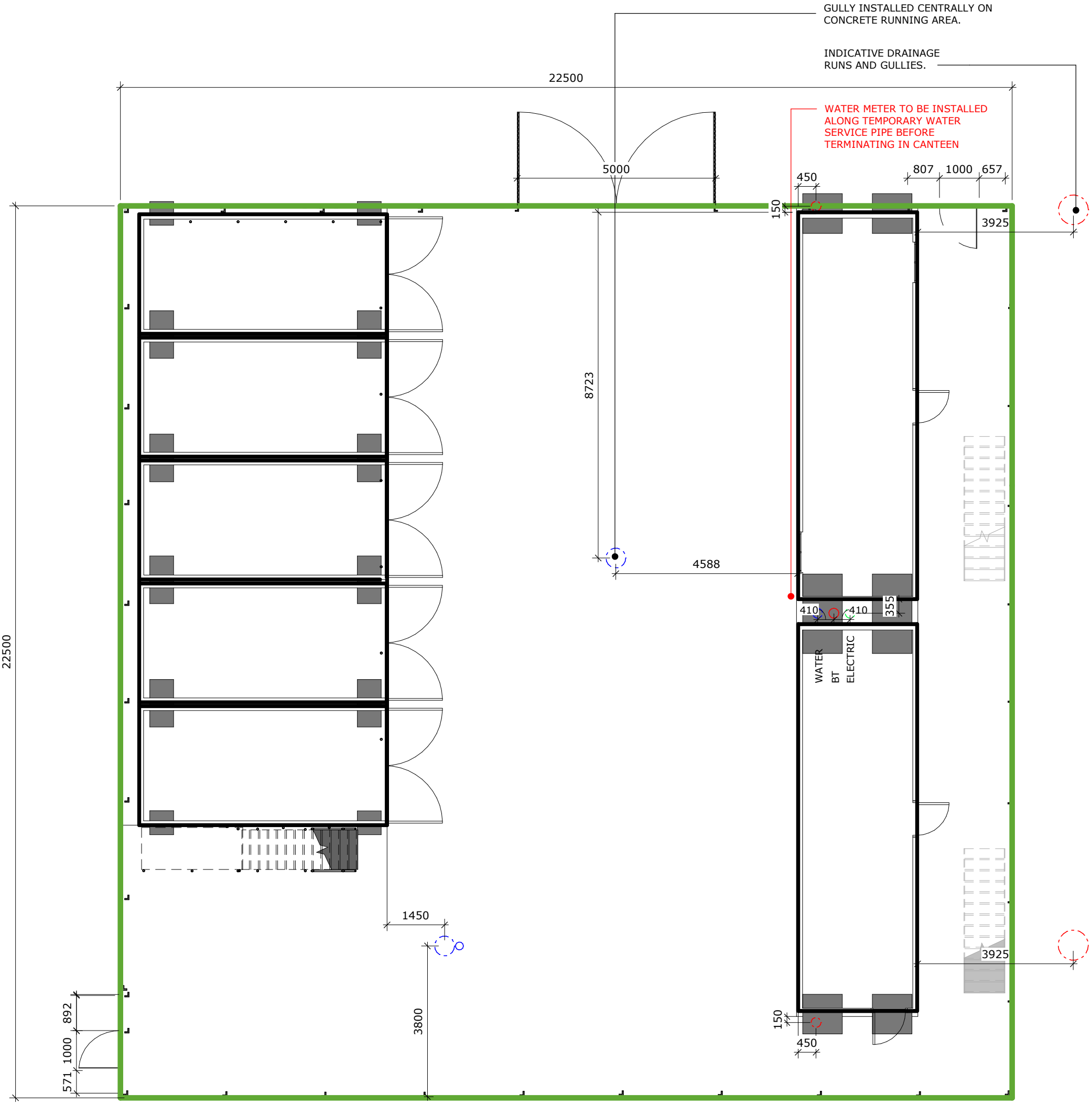
Suitability:
For Information

Revision:

project		orginator		functional breakdown		spatial		form		discipline		number
GDT_X	-	BAR	-	XSCTAXX	-	XX	-	M3	-	AR	-	00001

BARRATT
DEVELOPMENTS PLC

Do not scale from this drawing - Work to figured dimensions only - Any discrepancies are to be reported to originator. © Barratt Developments Plc.



KEY:

INDICATIVE FOUL WATER GULLIES AND INSPECTION CHAMBERS.

INDICATIVE SURFACE WATER GULLIES AND INSPECTION CHAMBERS.

OUTLINE OF CONTAINER ABOVE, REFER TO DRAWINGS .....

COMPOUND STEEL HOARDING - INSTALLED AS PER DRAWING .....

PADS FOR WELFARE UNITS (POSITIONS SHOWN ARE INDICATIVE)- CONTACT STRUCTURAL ENGINEER FOR CABIN FOUNDATION DESIGNS AS THESE MAY VARY DUE TO SITE CONDITIONS AND UNIT CHOICE

WELFARE UNIT PAD DIMENSIONS: (TO BE CONFIRMED BY ALSIM/ STRUCTURAL ENGINEER).

- SITE OFFICE & CANTEEN:
  EXTERNAL - 1.0M X 1.0M X 0.45M DEEP
  INTERNAL - 1.0M X 2.0M X 0.45M DEEP
- MEETING ROOMS & WC'S:
  EXTERNAL - 1.0M X 1.0M X 0.45M DEEP
  INTERNAL - 1.0M X 2.0M X 0.45M DEEP
- HL STORAGE & 5NO. CONTAINERS:
  EXTERNAL - 0.6M X 0.6M X 0.3M DEEP
  INTERNAL - 0.6M X 1.2M X 0.3M DEEP

Revision History

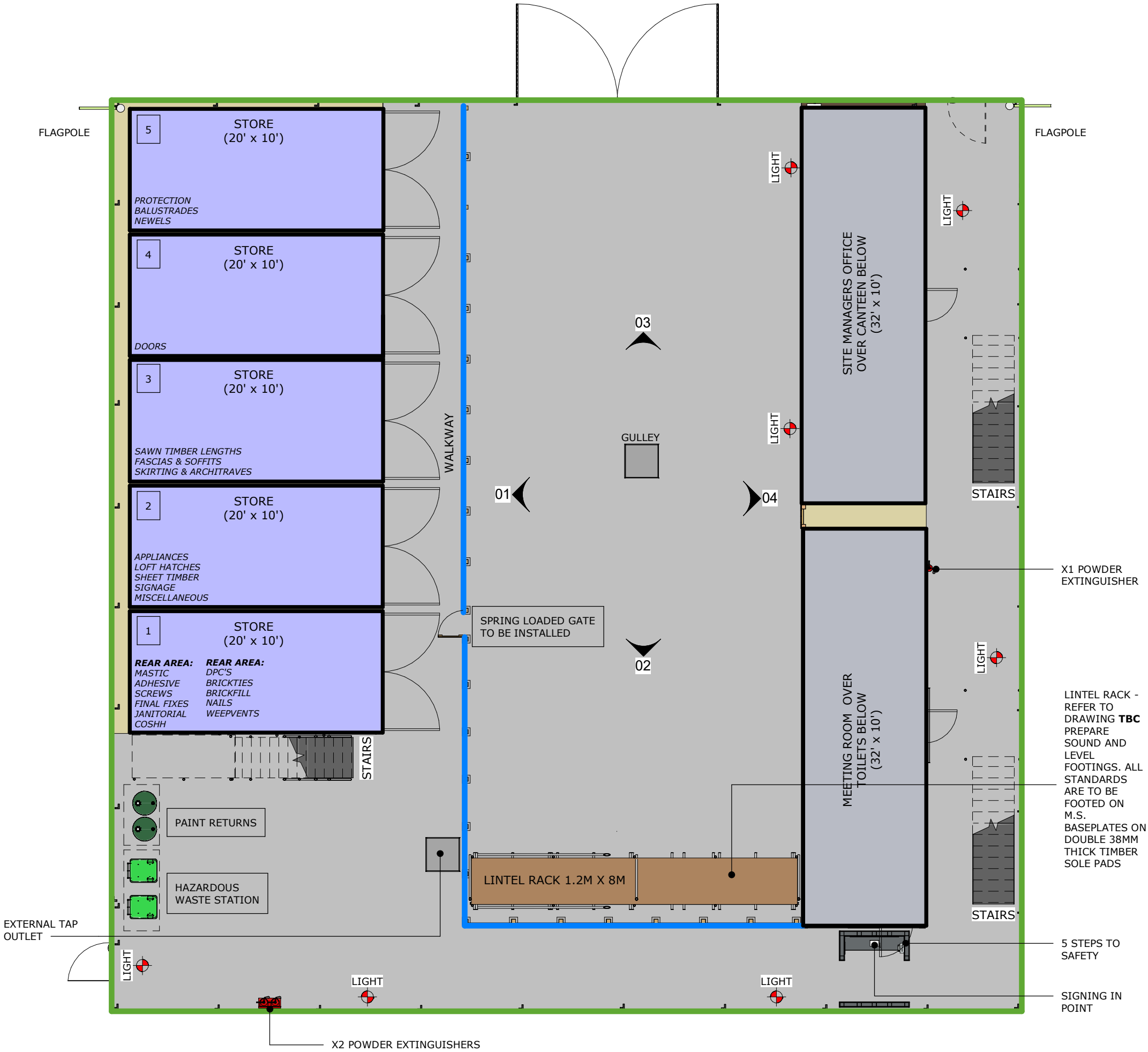
Rev	Date	Description

HT Code:	Housetype Name: **SITE COMPOUND - TYPE A**
Site: Group Standard	Plot numbers:
Description: STANDARD COMPOUND FOUNDATION PLAN	Scale at A3: 1 : 100
Suitability: For Information	Revision:

project	orginator	functional breakdown	spatial	form	discipline	number
GDT_X	BAR	XSCTAXX	XX	DR	AR	00201

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KEY:

COMPOUND STEEL HOARDING - INSTALLED AS PER DRAWING **TBC**, OR TO SPECIALIST FENCING CONTRACTOR SPECIFICATIONS.

TIMBER - 2 RAIL FENCE - INSTALLED AS PER DRAWING **TBC**, OR TO SPECIALIST FENCING CONTRACTOR SPECIFICATIONS.

LINE OF GANTRY ABOVE

2NO. PEDESTRIAN ENTRANCES ONLY REQUIRED DEPENDENT ON ORIENTATION OF SITE, THE GATES SHOWN ON THE PLAN ARE INDICATIVE ONLY.

TARMAC

STONE

WELFARE UNIT PAD DIMENSIONS: (TO BE CONFIRMED BY ALSIM/ STRUCTURAL ENGINEER).

- SITE OFFICE & CANTEEN:
  EXTERNAL - 1.0M X 1.0M X 0.45M DEEP
  INTERNAL - 1.0M X 2.0M X 0.45M DEEP
- MEETING ROOMS & WC'S:
  EXTERNAL - 1.0M X 1.0M X 0.45M DEEP
  INTERNAL - 1.0M X 2.0M X 0.45M DEEP
- HL STORAGE & 5NO. CONTAINERS:
  EXTERNAL - 0.6M X 0.6M X 0.3M DEEP
  INTERNAL - 0.6M X 1.2M X 0.3M DEEP

Revision History

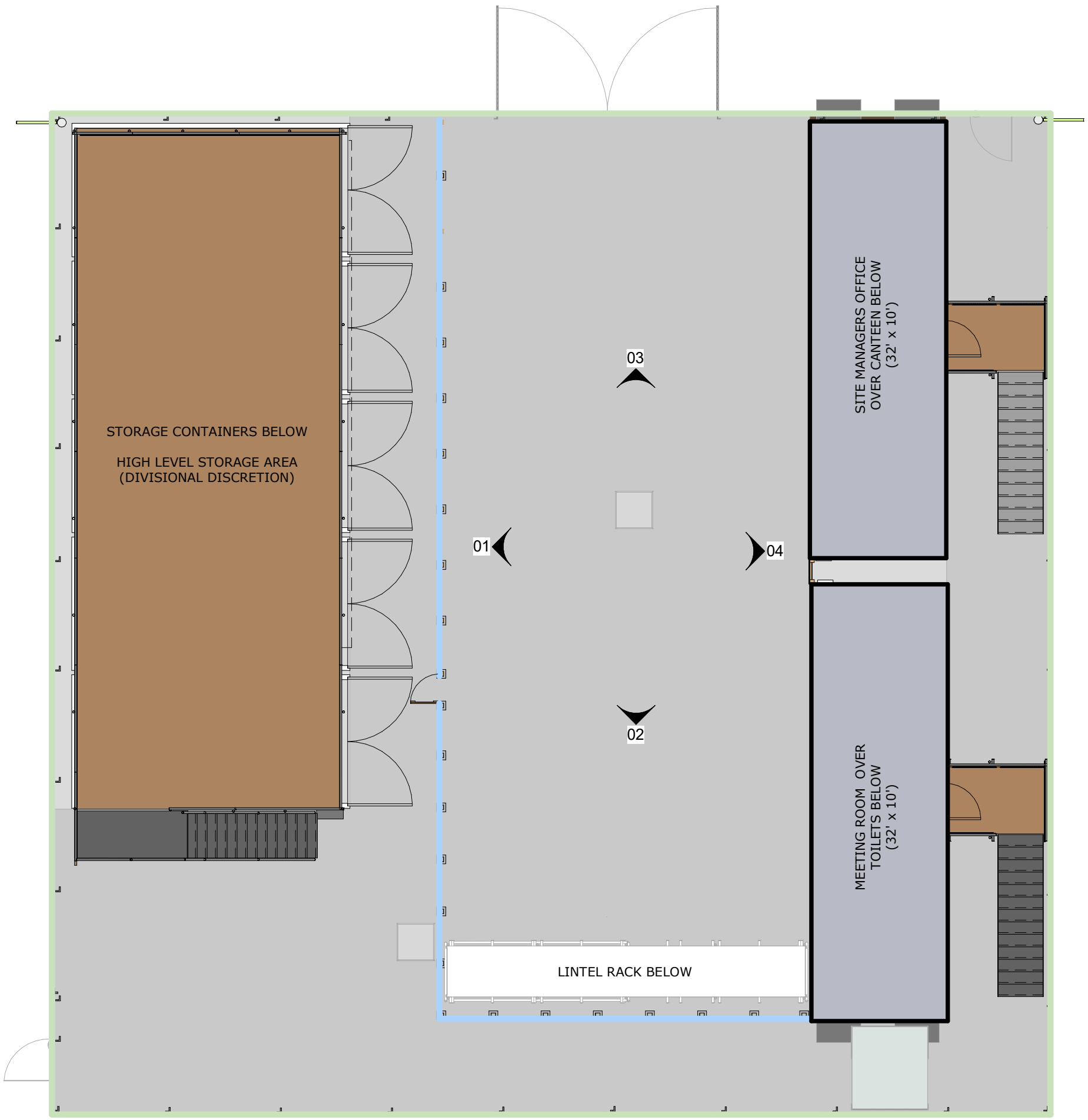
Rev	Date	Description

HT Code:	Housetype Name: **SITE COMPOUND - TYPE A**
Site: Group Standard	Plot numbers:
Description: STANDARD COMPOUND LAYOUT - GROUND LEVEL For Information	Scale at A3: 1 : 100 Revision:

project	orginator	functional breakdown	spatial	form	discipline	number
GDT_X	BAR	XSCTAXX	XX	DR	AR	00202

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KEY:

HIGH LEVEL GANTRY SYSTEM TO SPECIALIST SCAFFOLDING CONTRACTOR SPECIFICATIONS. REFER TO DRAWING **TBC.**

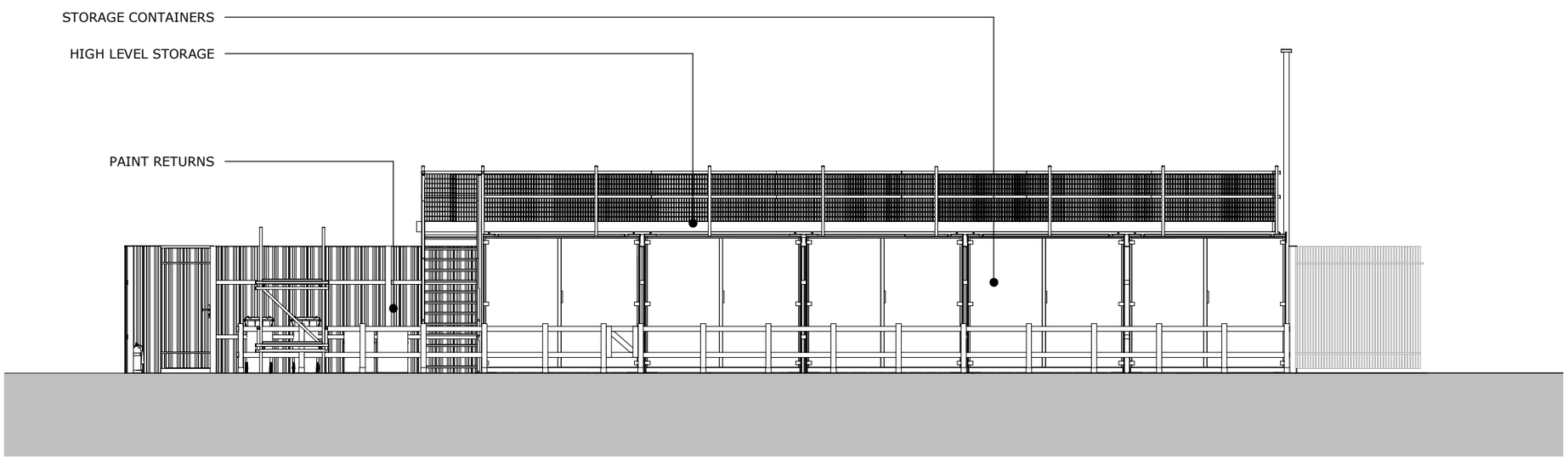
Revision History		
Rev	Date	Description

HT Code:	Housetype Name: **SITE COMPOUND - TYPE A**
Site: Group Standard	Plot numbers:
Description: STANDARD COMPOUND LAYOUT - GANTRY LEVEL For Information	Scale at A3: 1 : 100 Revision:

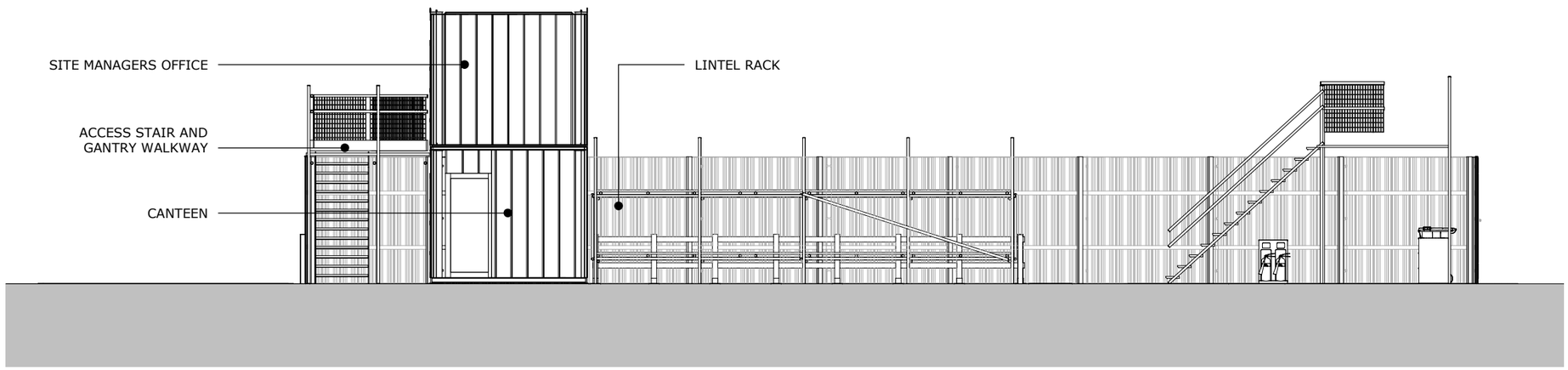
project	orginator	functional breakdown	spatial	form	discipline	number
GDT_X	BAR	XSCTAXX	XX	DR	AR	00203

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ELEVATION 01



ELEVATION 02

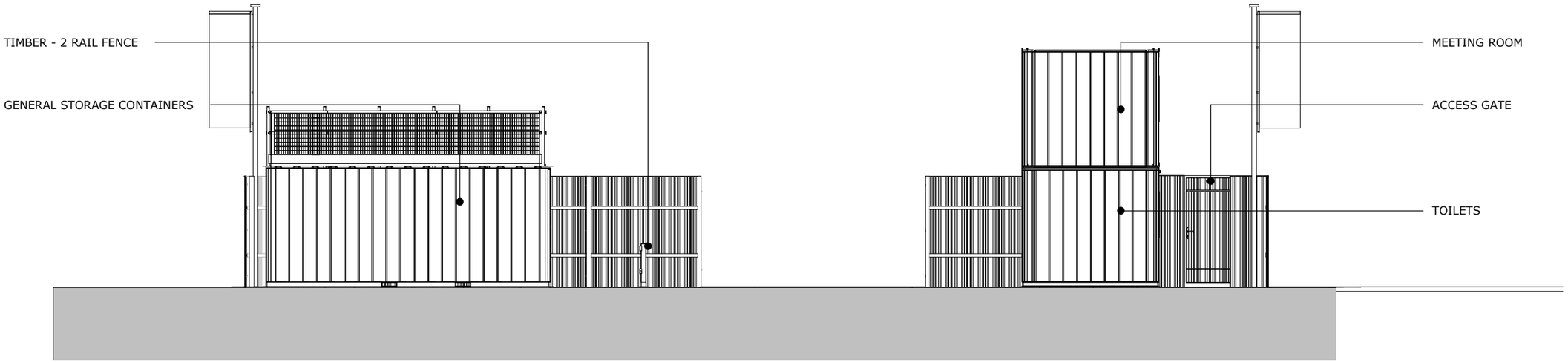
Revision History		
Revision	Date	Description

HT Code:	Housetype Name: **SITE COMPOUND - TYPE A**
Site: Group Standard	Plot numbers:
Description: STANDARD COMPOUND ELEVATIONS - SHEET 01 For Information	Scale at A3: 1 : 100 Revision:

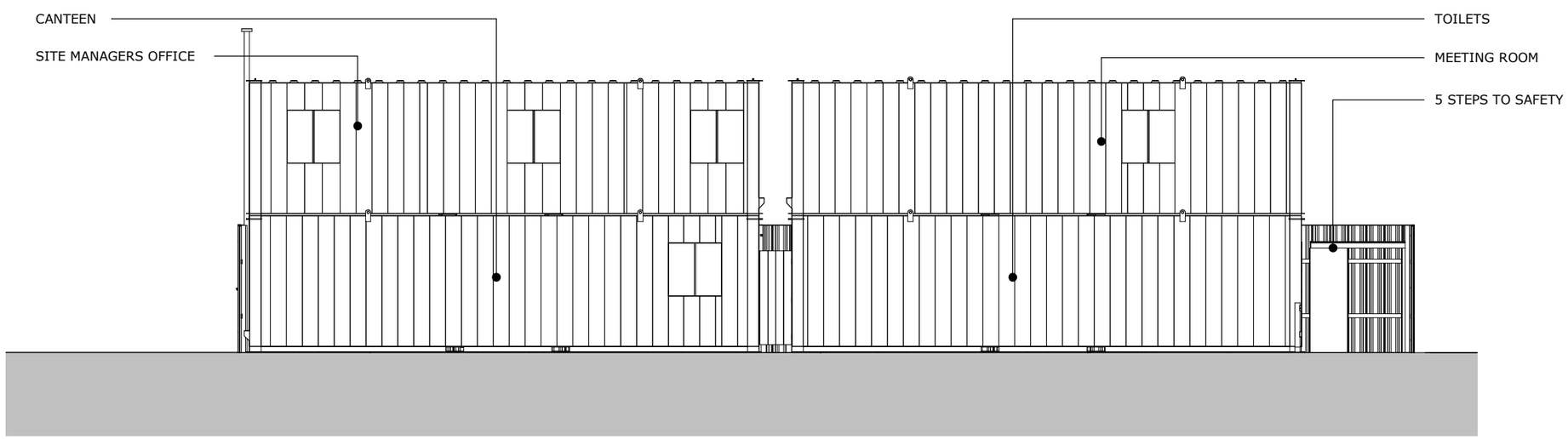
project	orginator	functional breakdown	spatial	form	discipline	number
GDT_X -	BAR -	XSCTAXX -	XX -	DR -	AR -	00204

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ELEVATION 03



ELEVATION 04

Revision History		
Revision	Date	Description

HT Code:	Housetype Name: **SITE COMPOUND - TYPE A**
Site: Group Standard	Plot numbers:
Description: STANDARD COMPOUND ELEVATIONS - SHEET 02 For Information	Scale at A3: 1 : 100 Revision:

project	orginator	functional breakdown	spatial	form	discipline	number
GDT_X	BAR	XSCTAXX	XX	DR	AR	00205

BARRATT DEVELOPMENTS PLC

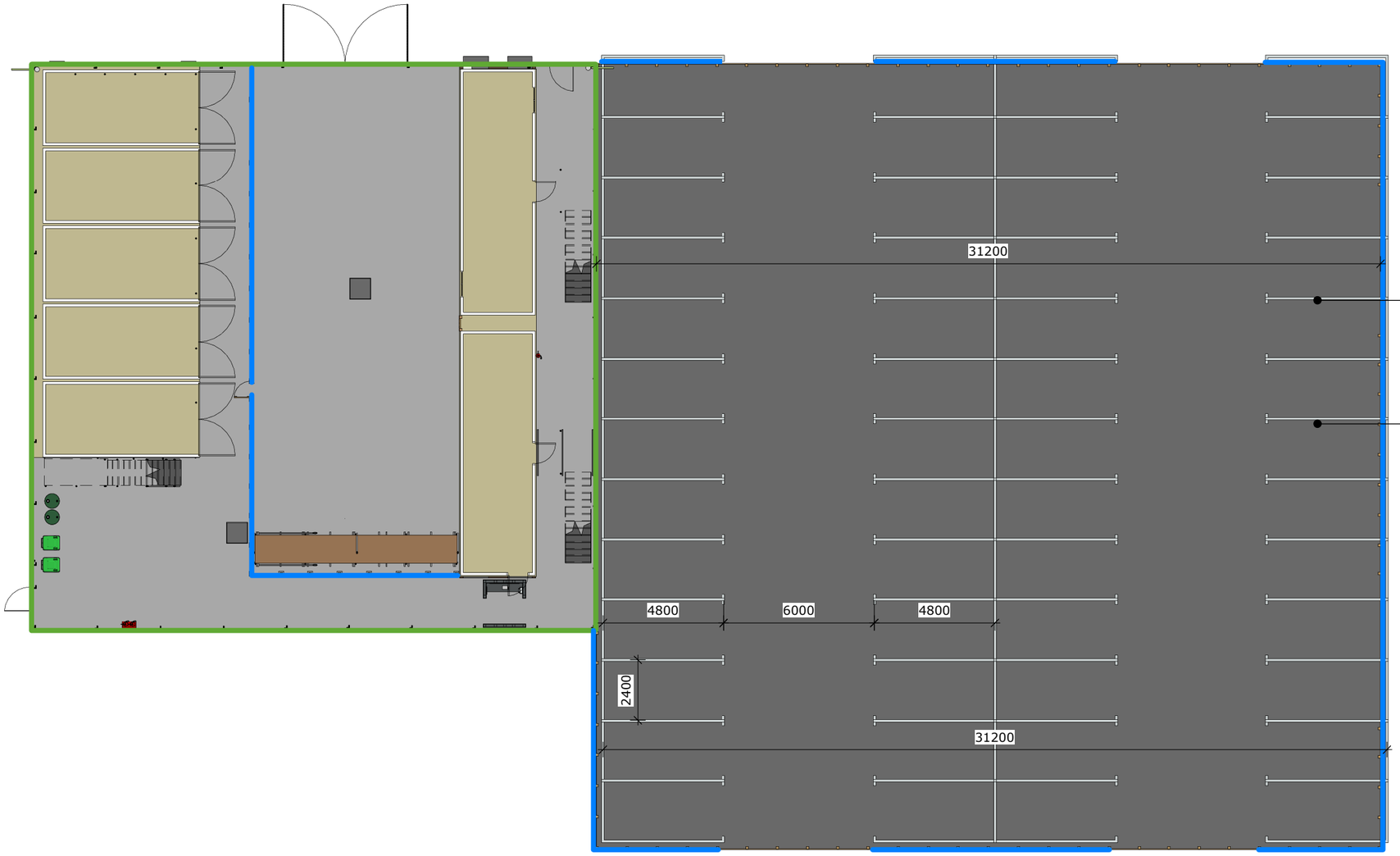
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KEY:

COMPOUND STEEL HOARDING - INSTALLED AS PER DRAWING **TBC**, OR TO SPECIALIST FENCING CONTRACTOR SPECIFICATIONS.

TIMBER 2 RAIL FENCE

2NO. PEDESTRIAN ENTRANCES ONLY REQUIRED DEPENDENT ON ORIENTATION OF SITE, THE GATES SHOWN ON THE PLAN ARE INDICATIVE ONLY.



ALL PARKING BAYS 2400 X 4800MM.

CAR PARK BUILD UP - 100MM THICK COMPACTED TYPE 1 SUB BASE WITH 100MM TARMAC TOP LAYER.

COMPOUND AND PARKING LAYOUT

1:200

Revision History

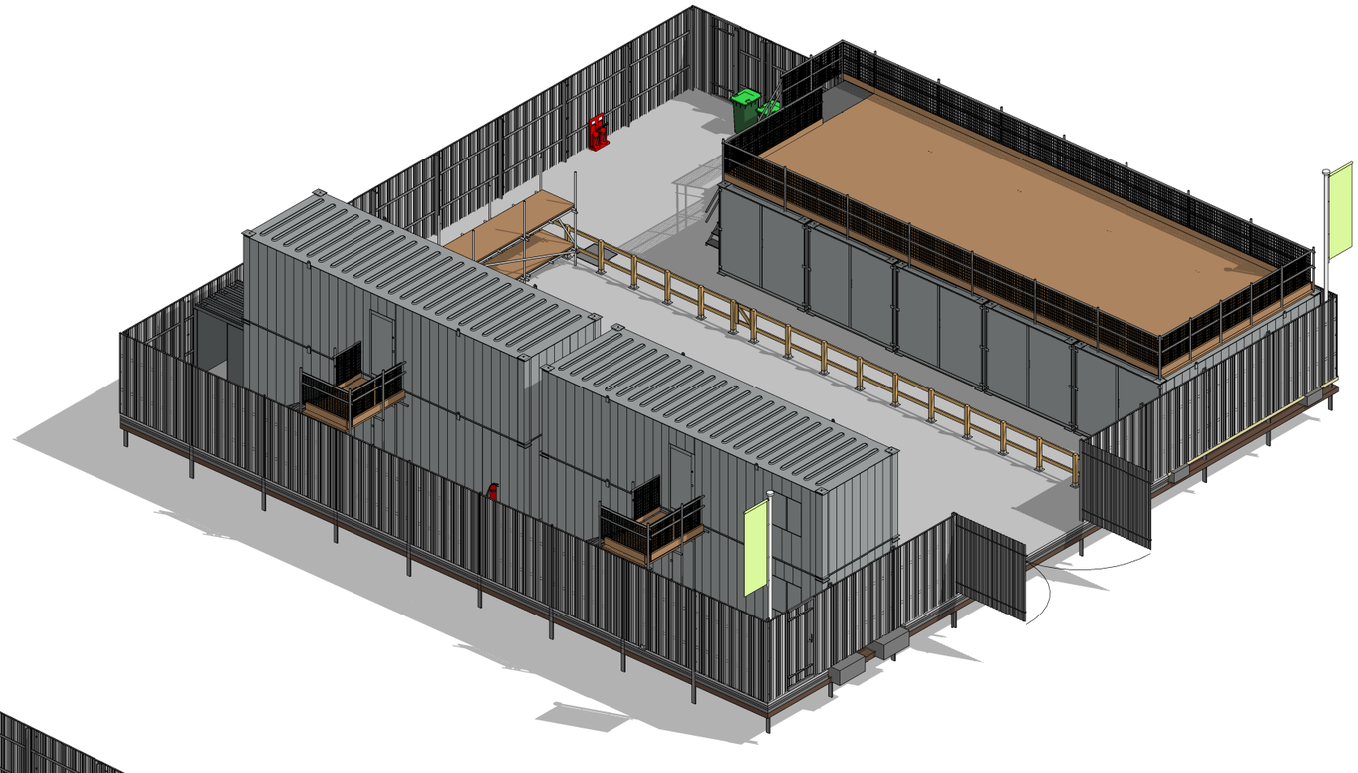
Revision	Date	Description

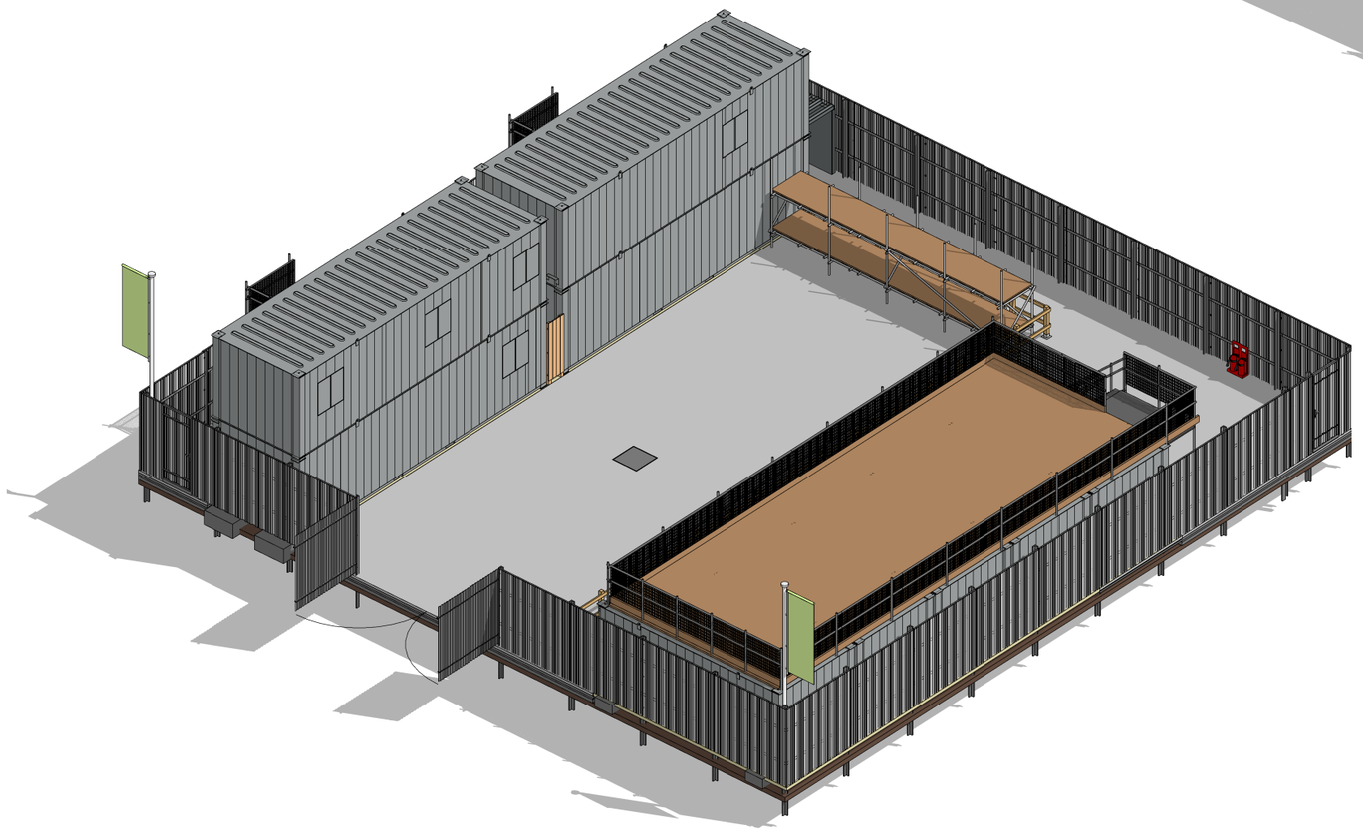
HT Code:	Housetype Name: **SITE COMPOUND - TYPE A**
Site: Group Standard	Plot numbers:
Description: STANDARD COMPOUND WITH CAR PARKING	Scale at A3: As indicated
Suitability: For Information	Revision:

project	orginator	functional breakdown	spatial	form	discipline	number
GDT_X	BAR	XSCTAXX	XX	DR	AR	00206

BARRATT DEVELOPMENTS PLC

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Scan the QR Code for

360º Experience

Note: The 360º Experience is to be used for Visual illustration only.

Revision History

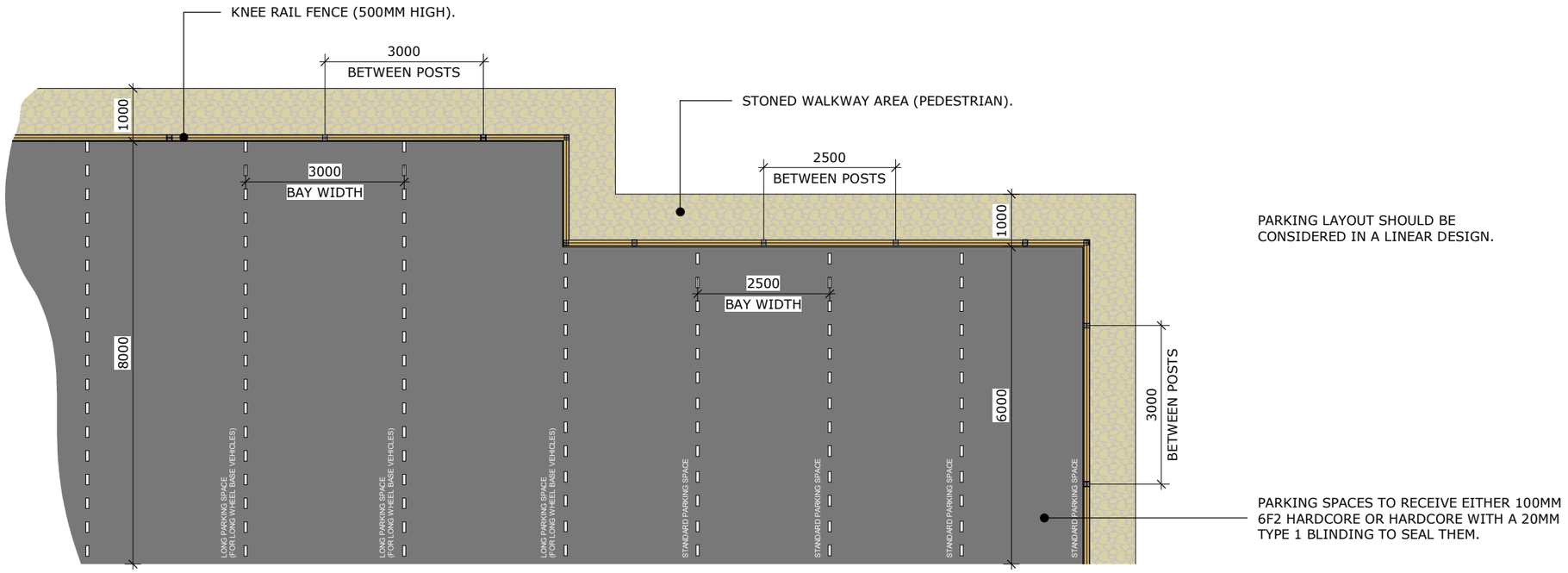
Revision	Date	Description

HT Code:	Housetype Name: **SITE COMPOUND - TYPE A**
Site: Group Standard	Plot numbers:
Description: STANDARD COMPOUND LAYOUT - 3D VIEWS	Scale at A3:
Suitability: For Information	Revision:

project	orginator	functional breakdown	spatial	form	discipline	number
GDT_X -	BAR -	XSCTAXX -	XX -	DR -	AR -	00207

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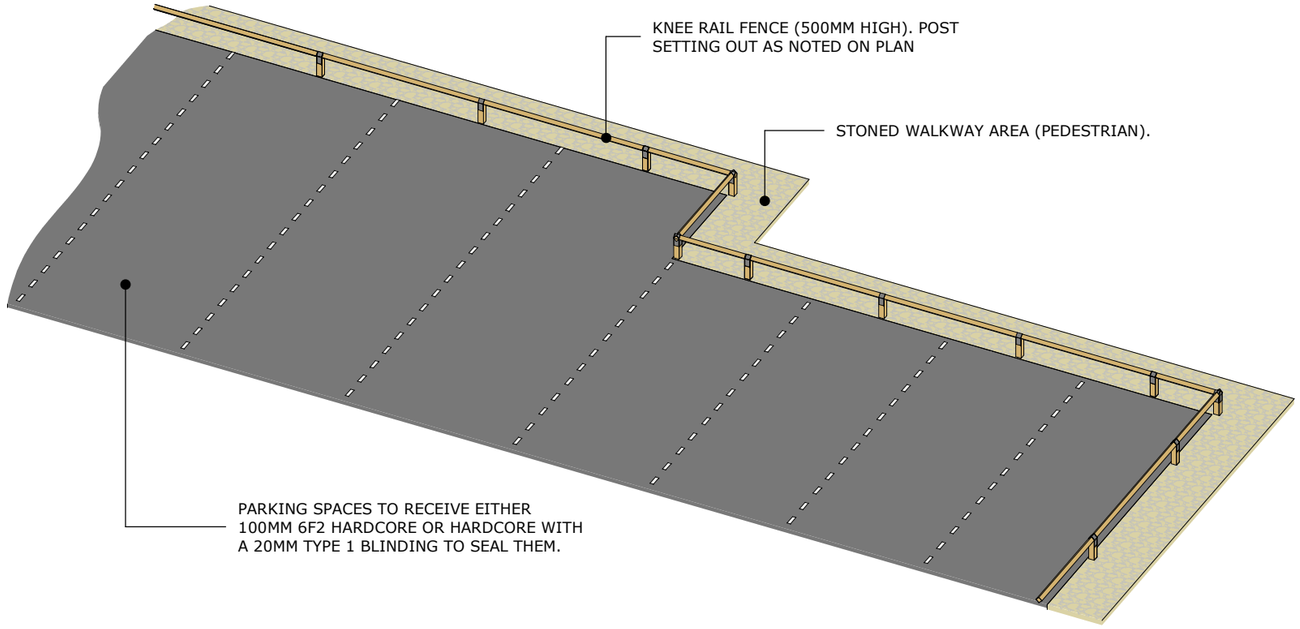
PARKING LAYOUT SHOULD BE CONSIDERED IN A LINEAR DESIGN.

PARKING SPACES TO RECEIVE EITHER 100MM 6F2 HARDCORE OR HARDCORE WITH A 20MM TYPE 1 BLINDING TO SEAL THEM.

3 NO. LONG PARKING SPACES (<50 LC / YR)
5 NO. LONG PARKING SPACES (≥50 LC / YR)

42 NO. STANDARD PARKING SPACES (<50 LC / YR)
55 NO. STANDARD PARKING SPACES (≥50 LC / YR)

CARPARK LAYOUT - PLAN



Revision History

Revision	Date	Description

HT Code:	Housetype Name: **SITE COMPOUND - TYPE A**
Site: Group Standard	Plot numbers:
Description: TYPICAL CARPARK LAYOUT	Scale at A3: 1 : 100
Suitability: For Information	Revision:

project	orginator	functional breakdown	spatial	form	discipline	number
GDT_X	BAR	XSCTAXX	XX	DR	AR	00208

BARRATT DEVELOPMENTS PLC

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APPENDIX D

Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name	Environment Agency
Address	National Customer Contact Centre 99 Parkway Avenue Sheffield S9 4WF
Telephone number	03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered carrier	BDW TRADING LIMITED trading as Barratt Homes
Registered as	An upper tier waste carrier, broker and dealer
Registration number	CBDU41881
Address of place of business	BARRATT DEVELOPMENTS PLC BARRATT HOUSE CARTWRIGHT WAY FOREST BUSINESS PARK BARDON HILL COALVILLE LE67 1UF
Date of registration	4 October 2024
Expiry date of registration (unless revoked)	28 October 2027

This certificate was created on 29 October 2024. These details are correct at the time of certificate generation.

This copy has been issued under Regulation 6 of Waste (England and Wales) Amendment Act 2014 by the Environment Agency. This is copy number 1 of the certificate.

Making changes to your registration

Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.

APPENDIX E

Site Waste Management Plan

Plan reference	18423
Environmental Compliance No	1178591
Client	Barratt - Manchester
Principal Contractor	Barratt Homes
Site Address	H8544 - Trows Farm Trows Farm Castleton OL11 2UF
Estimated cost of project	£75,924,756
Plan created	10th July 2025

This plan has been created using Reconomy's Portal.

Table of contents

1	**Overview**
1.1	Site Waste Management Plan
1.2	Table of contents
1.3	Performance Dashboard
1.4	Development Overview
1.5	Overview of Project
1.6	Group Waste Minimisation
1.7	Site Segregation
1.8	Waste Minimisation
1.9	Benchmark Plot Output Quantities
1.10	Project Stage Checklist
1.11	Project Planning Checklist
1.12	Site Operations Checklist
1.13	Additional documentation
1.14	Sign-off
2	**Build phase**
2.1	Build Phase details
2.2	Waste to be created
2.3	Waste created
2.4	Additional documentation
2.5	Declaration

3	Post completion summary
3.1	Record of plan reviews
3.2	Post Completion Checklist
3.3	Post completion summary
3.4	Sign-off
4	Appendices
4.1	Waste Carriers and Brokers Registration Certificate
4.2	Hazardous waste station types
4.3	Additional documentation
4.4	Change log

Performance Dashboard

Build phase

	Waste Type	Estimated	Produced	Re-use on site	Recycle	Dispose	% Recycled/Recovered	
	Light Mixed Compactable	694T						Help
	Wood	388T						Help
	Plasterboard	401T						Help
	Hazardous	3T						Help
Totals		1486T						

This phase hasn't started yet (it will run from 01/09/2025 to 30/06/2031).

Development Overview

Plan not completed

Project Name	H8544 Trow Farm		
Value	80,576,844.00		
Address	Castleton OL11 2UF		
Type Of Construction	Timber		
Number of Houses	445		
Number of Apartments	0		
Site Manager	tom Marshall/ Stevie Mellonby	Contact Number	07966013705/07759215765
Start Date	Sept 2025		
End Date	June 2031		
Waste Storage Area Identified?	✗		
Hazardous Waste Site Registration?	✗		
Specialist Waste Carrier Required?	✗		
Access For Waste Collection?	✓		
Further Information From Client?			
Additional Client Requirements?			
Have Targets for Waste Reduction Been Set?	✓		
Copy of Targets is Attached to this Plan?	✓		
Individual responsible for the planning and preparation of this plan	Judith Beardsmore	The Barratt/ DWH Contract Manager	Jamie Thompson
Additional comments			
The Site Waste Management Plan will be reviewed by Reconomy and		This plan has taken into account the Code for Sustainable Homes May 2009	

Barratt /DWH on site

Technical Guide and November 2010 Technical Guide.

Overview of Project

Plan not completed

	Item	Comments
✓	Barratt and Reconomy use the waste hierarchy of Reduce Reuse and Recycle to define their approach to waste management. We aim to reduce the waste created through the design process, then look to re-use waste produced on site and where this isn't practicable we aim to recycle.	
✓	Reconomy, on behalf of Barratt Developments PLC, monitor and record all waste removed from site. This data includes total tonnage, recycled percentages, contractor used, and destination of waste.	
✓	This tool automatically updates with the data collected from any transfer with 1 hour, ensuring, when refreshed, the plan is continually up to date.	
✓	At design stage timber, inert and mixed metal waste and other non-hazardous waste groups that have the potential to be reduced. The targets produced for this plan for these waste groups take this reduction into consideration and actual waste produced will be monitored to compare against these targets on a tonnage basis.	
✓	As our waste management solutions provider, Reconomy aim to divert from landfill significant proportions of timber, inert and mixed metal waste and other non-hazardous waste groups. The amount of waste that is collected which is diverted from landfill is monitored and reported in this plan.	
✓	Waste is segregated on site, the site manager has responsibility for this. As the waste solutions provider Reconomy collect the waste suitable for recycling	
✓	Barratt /DWH have a contract with Reconomy to provide build phase waste management services. All waste transfers are logged with contractor, and transactions and waste management sites recorded. Reconomy as the designated waste management solutions provider maintain legal complaince as an integral part of their ISO certified management system. This specifically includes all aspects of the Duty of Care requirments and waste carrier registration requirements.	
✓	All persons working on this site are provided with a Safety, Health & Environmental induction	
✓	Post completion this plan will be reviewed and updated with reagrd to any changes to quanty and cost.	
✓	Targets are set using previous dataand set against our benchmark target of 29m3. We will contiuously strive for better performance and set targets using the actual data collected	

Group Waste Minimisation

Section not completed

Waste Origin	Waste Type	Opportunities for waste reduction	Implemented? (if not, why not?)	Quantified Reduction	Units
Superstructure	Brick and block	Barratt DWH are using smart roof systems and spandrel panels to reduce brick and block wastage	Specified within the design specification	0.2	Tonnes per plot
Finishing	Hazadous Waste	Take back scheme for empty paint tins back to manufacturer	Storage provided on site to consolidate waste for collection and reuse	0.1	tonne per plot
2nd fix	Plasterboard	Waste reduced in design specification, remaining waste may be recycled into products	Board waste is segregated to facilitate its recycling and recovery	0.2	Tonnes per plot

Site Segregation

Plan not completed

	Item	Comments
✓	A designated area has been identified for waste management for each phase.	
✓	All hazardous waste will be segregated from all other wastes and clearly labelled.	
✓	Clear signage will be provided for all skips.	

Waste Minimisation

Section not completed

Benchmark Plot Output Quantities

Benchmark Plot Output Quantities

Material on Site		***Reuse & Recycling***		
Expected Waste Material	Estimated Volume (M3)	On-Site Specify proposed reuse of on-site recycling methods	Off-Site Specify how and what method	Specify who to remove
Excavated Material 17-05-04 or 17-05-03	20^3m or 35t x number of units	Spread into oversite area/around plots or remove with lorries to another site	Wagons filled by plant and transferred to facility for reuse or recycling	Reconomy or other approved S/P
Timber 17-02-01	4^3m or 1.4t x number of units	Place in segregated skip	Transport to transfer station for recycling	Reconomy or other approved S/P
Gypsum/Plasterboard 17-08-02	2.7^3m or 0.9t x number of units	Place in segregated skip	Transport to transfer station for recycling	Reconomy or other approved S/P
Compactable Skip – Canteen/Office 20-03-01	14^3m or 2.8t x number of units	Place in segregated skip	Transport to transfer station for recycling	Reconomy or other approved S/P
Inert – Bricks/Concrete/Tiles/Ceramics 17-01-07	0.76^3m or 0.9t x number of units	Crushed on site and at the end of site placed into a segregated skip	Transport to transfer station for recycling	Reconomy or other approved S/P
Hazardous 15-01-10	0.2^3m or 0.05t x number of units	Place in segregated skip	Transport to transfer station for recycling	Reconomy or other approved S/P
Active Waste Material that cannot be segregated on site for site constraints 17-09-04	1^3m or 0.75t	Place in skip	Transport to transfer station for recycling, approximately 70% recycled	Reconomy or other approved S/P
Metals/Herras fencing/Reinforcement/Lintels Beams 17-04-07	0.2^3m or 0.08t x number of units	Place in segregated skip	Transport to transfer station for recycling	Reconomy or other approved S/P

September 2013

Project Stage Checklist

Phase not completed

	Item	Comments
✓	Has a careful evaluation of materials been made so that over-ordering and site wastage is reduced?	Yes, a careful evaluation of materials has been made to reduce site wastage and keep cost to a minimum
✓	Has full consideration been given to the use of secondary and recycled materials?	Site will re-use inert waste on site for footpaths and hard standing areas. Site will try and keep material wastage to a minimum.
✓	Is unwanted packaging to be returned to the supplier for recycling or re-use?	Site will remove all packaging waste to ensure that they comply with all duty of care procedures.
✓	Can unused materials be returned to supplier or used on another site?	Site expect very little unused materials, however these will be reused on other site if produced and if practical for that particular project

Project Planning Checklist

Phase not completed

	Item	Comments
✓	Has a project programme been developed to include likely waste arising? (how much, when and what types)	Site waste management plan and on site segregation has been implemented, The SWMP identifies the likely waste arising from the project. Monthly reports will be produced to highlight the volume, cost and type of waste produced.
✓	Has an area been designated for waste management, including segregation of waste?	Skip compound is located on site, which is easily accessible for site employees and the service provider.
✓	Can targets be set for different types of waste likely to arise from the project?	Monthly reports will be distributed by Reconomy to help monitor and set targets. Regular site visits by Reconomy Regional Manager will be completed to help review the plan and set waste targets.
✓	Has disposal of liquid wastes such as wash-down water, dewatering or toilet waste been considered?	Yes
✓	Have measures been put in place to deal with expected (and unexpected) hazardous waste?	Reconomy technical support team will remove all unexpected hazardous waste and audit trail will be updated in the plan. Site will utilise E.A 210 litre clip top drums and 1100 litre wheelie bin as part of the hazardous waste station, for removal of expected hazardous waste.
✓	Has agreement been sought from the sewage company for trade effluent discharge?	Yes
✓	Have opportunities been considered for re-use of materials on site i.e. crushing concrete?	Any material unable to be reused will be transported to local transfer station for crushing and further recycling and re-use.
✓	Have you considered what are the most appropriate sites for disposal of residual waste from the project?	Residual waste that is removed by Reconomy will be disposed of at licensed site. If residual waste is needed to be removed, copies of the licences are located in the site waste management plan.
✓	Are there opportunities for reducing disposal costs from waste materials, which may have commercial value?	On site segregation is implemented to help reduce waste cost from site.

Site Operations Checklist

Phase not completed

	Item	Comments
✓	Has responsibility for Waste Management and Compliance been assigned to a named individual?	The Project Manager will be responsible for the waste management on site.
✓	Have Reconomy attended site to assess waste output and demonstrate best practice for all of site requirements?	Reconomy have assisted site in the implementation of the waste management plan. Reconomy will visit the sites on a regular basis to help set targets and demonstrate good waste management practice.
✓	Are containers/skips clearly labelled to avoid confusion?	Signage will be used on site and will be clearly labelled on the segregated skips.
✓	Are the Duty of Care procedures complied with, including the provision of transfer notes and authorisation checks of registered carriers, registered exempt sites and licensed waste management facilities?	Reconomy will record and keep copies of all of sites transfer notes for two years. Reconomy compliance team has carried out authorised checks on the chosen service provider, All relevant carriers licences details are located in sites waste management plan
✓	Are any checks made that excavation waste is received at the intended site?	Yes
✓	Is implementation of agreed waste management procedures monitored?	Reports are produced on a monthly basis to ensure that site is following the agreed waste management plan. Reconomy Regional Account Manager will visit site on a regular basis to monitor sites performance.
✓	Are reports regularly produced regarding waste quantities and treatment/disposal routes, and on costs incurred?	Monthly reports are produced that identify cost and quantities of waste removed from site.
✓	Record quantities of waste?	Yes
✓	During site operations, are barriers to good waste management practice considered and noted for incorporation into the post-completion review?	All employees are aware of the companies waste management procedures, which are noted in the employees' site induction.

Additional documentation

Attach any additional documentation relating to the planning phase of the project in here.

H8544 Trows Farm - SWMP CAlc.xlsx

Uploaded on 10/07/25
by Judith Beardsmore (Reconomy)

Click on any file to download it.

Sign-off

I hereby confirm that any information given above will form part of the Site Waste Management Plan, and as such, is current and correct. In addition, I confirm compliance with the requirements of Duty of Care and that material will be handled efficiently and waste managed appropriately.

Signature .....

Full name .....

Position .....

Company .....

Build Phase details

Phase not completed

Phase description	Build
Person(s) in charge of site works	Jamie Thompson

Period 1	1st September 2025 - 1st December 2025
Period 2	1st December 2025 - 1st March 2026
Period 3	1st March 2026 - 1st June 2026
Period 4	1st June 2026 - 1st September 2026
Period 5	1st September 2026 - 1st December 2026
Period 6	1st December 2026 - 1st March 2027
Period 7	1st March 2027 - 1st June 2027
Period 8	1st June 2027 - 1st September 2027
Period 9	1st September 2027 - 1st December 2027
Period 10	1st December 2027 - 1st March 2028
Period 11	1st March 2028 - 1st June 2028
Period 12	1st June 2028 - 1st September 2028
Period 13	1st September 2028 - 1st December 2028
Period 14	1st December 2028 - 1st March 2029
Period 15	1st March 2029 - 1st June 2029
Period 16	1st June 2029 - 1st September 2029
Period 17	1st September 2029 - 1st December 2029
Period 18	1st December 2029 - 1st March 2030
Period 19	1st March 2030 - 1st June 2030
Period 20	1st June 2030 - 1st September 2030
Period 21	1st September 2030 - 1st December 2030
Period 22	1st December 2030 - 1st March 2031
Period 23	1st March 2031 - 1st June 2031
Period 24	1st June 2031 - 30th June 2031

Waste type	Contractor	Waste carrier	Registration no.	Expiry	Disposal site	Type of site	License permit / exemption no.	EA checked?
Rental & Management charges	Reconomy	Reconomy (UK) Ltd	CBDU64227	26/10/27	TST999 - Virtual Transfer Station Site 1 Kelsall House Stafford Court Telford TF3 3BD	Transfer Station	123456	

Declaration

Barratt Homes confirms compliance with the requirements of Duty of Care and that all materials will be handled efficiently and waste managed appropriately.

2.2 Build phase

Waste to be created

Phase not completed

	Waste Type	EWC code	Predicted	Re-use on site	Recycle	Dispose	Container	Number
☐	Light Mixed Compactable	17-09-04	694 T		589.9 T	104.1 T	12 yard	390
☐	Wood	17-02-01	388 T		388.0 T		12 yard	223
☐	Plasterboard	17-08-02	401 T		401.0 T		12 yd	144
☐	Hazardous	See Consignment Note	3 T		2.3 T	0.8 T	205 ltr drums	14
	Totals		**1486 T**	**0 T**	**1381.2 T**	**104.9 T**		**771**

Waste created

Section not completed

Actual

Data from Reconomy has not been included in these figures yet. Click the **Refresh** button above to check for Reconomy's own data.

No data recorded yet.

Difference from predicted

	Waste Type	EWC code	Produced	Re-use on site	Recycle	Dispose
☐	Light Mixed Compactable	17-09-04	-694 T	0 T	-589.9 T	-104.1 T
☐	Wood	17-02-01	-388 T	0 T	-388 T	0 T
☐	Plasterboard	17-08-02	-401 T	0 T	-401 T	0 T
☐	Hazardous	See Consignment Note	-3 T	0 T	-2.3 T	-0.8 T
	Totals		**-1486 T**	**0 T**	**-1381.2 T**	**-104.9 T**

Additional documentation

Attach any additional documentation relating to this phase in here.

Declaration

We confirm compliance with the requirements of Duty of Care and that all materials will be handled efficiently and waste managed appropriately.

In certain circumstances Reconomy Solutions may have to rely on estimated tonnage and in such circumstances will use its best endeavours to ensure that the data is correct utilising as its base, industry averages; however the Company accepts no liability as to the precise accuracy of the same.

Signature .....

Full name .....

Position .....

Company .....

Record of plan reviews

Section not completed

Date of review	Review completed by	Results of review
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		

3.2 Post completion summary

Post Completion Checklist

Section not completed

Item	Comments
Has a final report for the use of recycled and secondary materials, waste reduction, segregation, recovery and disposal, with costs and savings identified, been completed, incorporating benchmark measures?	
Has the plan been monitored and updated in accordance with the regulation?	
How did estimated waste quantities of each type of waste compare against actual quantities of each waste type?	
Was there any deviation from the plan?	
If yes, explain the reason for and nature of any deviation.	
Please detail any cost savings made as a result of completing and implementing the site waste management plan.	
Please detail any targets set for the reduction of wastes.	
Has the performance of the site been reviewed against the targets for waste reduction	
Have any necessary amendments been identified for future plans?	
Have any key waste management issues been considered for action at future projects?	
Compare the deviation of costs and quatities of waste produced.	
Any other comments?	

Please note: the SWMP regulations require that the post completion section of the plan is completed within three months of the completion of the project, this section can be completed at any time once the project is complete.

Post completion summary

Build phase

Predicted

	Waste Type	EWC code	Produced	Re-use on site	Recycle	Dispose
☐	Light Mixed Compactable	17-09-04	694 T		589.9 T	104.1 T
☐	Wood	17-02-01	388 T		388.0 T	
☐	Plasterboard	17-08-02	401 T		401.0 T	
☐	Hazardous	See Consignment Note	3 T		2.3 T	0.8 T
	Totals		**1486 T**	**0 T**	**1381.2 T**	**104.9 T**

Actual

No data recorded yet.

Difference

	Waste Type	EWC code	Produced	Re-use on site	Recycle	Dispose
☐	Light Mixed Compactable	17-09-04	-694 T	0 T	-589.9 T	-104.1 T
☐	Wood	17-02-01	-388 T	0 T	-388 T	0 T
☐	Plasterboard	17-08-02	-401 T	0 T	-401 T	0 T
☐	Hazardous	See Consignment Note	-3 T	0 T	-2.3 T	-0.8 T
	Totals		**-1486 T**	**0 T**	**-1381.2 T**	**-104.9 T**

Sign-off

I hereby confirm that any information given above will form part of the Site Waste Management Plan, and as such, is current and correct. In addition, I confirm compliance with the requirements of Duty of Care and that material will be handled efficiently and waste managed appropriately.

Signature .....

Full name .....

Position .....

Company .....

Waste Carriers and Brokers Registration Certificate

Certificate of Registration under the Waste (England and Wales) Regulations 2011

Regulation authority

Name	Environment Agency
Address	National Customer Contact Centre 99 Parkway Avenue Sheffield S9 4WF
Telephone number	03708 506506

The Environment Agency certify that the following information is entered in the register which they maintain under regulation 28 of the Waste (England and Wales) Regulations 2011.

Carriers details

Name of registered carrier	RECONOMY (UK) LIMITED
Registered as	An upper tier waste carrier, broker and dealer
Registration number	CBDU64227
Address of place of business	Kelsall House Stafford Park Court Stafford Park 1 Telford TF3 3BD
Date of registration	8 October 2024
Expiry date of registration (unless revoked)	26 October 2027

This certificate was created on 8 October 2024. These details are correct at the time of certificate generation.

This copy has been issued under Regulation 6 of Waste (England and Wales) Amendment Act 2014 by the Environment Agency. This is copy number 1 of the certificate.

Making changes to your registration

Your registration will last 3 years and will need to be renewed after this period. If any of your details change, you must notify us within 28 days of the change.

You can do this by calling the Environment Agency.

Hazardous waste station types

Item	Permitted Items	Non-Permitted Items
205L Drum for Spent Aerosols	• Spray Paint Canisters • Fixing Tool Gas Canisters	• Expanding Foam Canisters • All Red-List Items • Plumbers Gas Canisters
205L Drum for Oil Rags	• Oil Contaminated Rags and Wipes Only	• PCB's • Free Flowing Liquids • Granules, Pads or Booms
205L Drum for Oil	• Single Fuel Oils • Mixed Fuel Oils	• PCB's
820L Wheelie Bin for Empty Paint Tins	• Empty Paint/Resin/Adhesive Tins (with maximum residue of 1% i.e. 5 litre paint tin no more than 50ml of paint residue)	• Isocyanate Based Paint • Bitumen Tins • Oil Containers • Decorators Accessories (i.e. paint brushes, trays, overalls)
205L Drum for Empty Mastic Tubes	• Mastic Tubes • Sealant Tubes	
205L Drum for Spent Expanding Foam Canisters	• Expanding Foam Canisters	• Red-List Items
820L Wheelie Bin for Part Full Paint Tins	• Paint\Resin\Adhesive Tins must have lids on to prevent spillages.	• Isocyanate Based Paint • Bitumen Tins • Oil Containers • Decorators Accessories (i.e. paint brushes, trays, overalls no free flowing liquid - cleaning charges will apply)
205L Drum for Oil Spill Waste	• Granules, Pads, Rags (should be bagged)	• Oil Containers • Free Flowing Liquids


Flammable


Corrosive


Toxic


Irritant / Harmful

Additional documentation

Attach any additional documentation relating to the Plan in here.

Change log

Date	Section	Description	User
10/07/25	Build Phase details	Set waste metric to Tonnes	Judith Beardsmore (Reconomy)
10/07/25	Build Phase details	Checked for latest records of Reconomy contractors	Judith Beardsmore (Reconomy)
10/07/25	Build Phase details	Set contract numbers	Judith Beardsmore (Reconomy)
10/07/25	Build Phase details	Set persons in charge	Judith Beardsmore (Reconomy)
10/07/25	Build Phase details	Set phase description	Judith Beardsmore (Reconomy)
10/07/25	Build Phase details	Set waste metric to Tonnes	Judith Beardsmore (Reconomy)
10/07/25	Build Phase details	Set phase description	Judith Beardsmore (Reconomy)
10/07/25	Site Operations Checklist	Checked as 'yes': Is implementation of agreed waste management procedures monitored?	Judith Beardsmore (Reconomy)
10/07/25	Site Operations Checklist	Checked as 'yes': Has responsibility for Waste Management and Compliance been assigned to a named individual?	Judith Beardsmore (Reconomy)
10/07/25	Site Operations Checklist	Checked as 'yes': Have Reconomy attended site to assess waste output and demonstrate best practice for all of site requirements?	Judith Beardsmore (Reconomy)
10/07/25	Site Operations Checklist	Checked as 'yes': Are containers/skips clearly labelled to avoid confusion?	Judith Beardsmore (Reconomy)
10/07/25	Site Operations Checklist	Checked as 'yes': Are the Duty of Care procedures complied with, including the provision of transfer notes and authorisation checks of registered carriers, registered exempt sites and licensed waste management facilities?	Judith Beardsmore (Reconomy)
10/07/25	Site Operations Checklist	Checked as 'yes': Are any checks made that excavation waste is received at the intended site?	Judith Beardsmore (Reconomy)
10/07/25	Site Operations Checklist	Checked as 'yes': Are reports regularly produced regarding waste quantities and treatment/disposal routes, and on costs incurred?	Judith Beardsmore (Reconomy)
10/07/25	Site Operations Checklist	Checked as 'yes': Record quantities of waste?	Judith Beardsmore (Reconomy)
10/07/25	Site Operations Checklist	Checked as 'yes': During site operations, are barriers to good waste management practice considered and noted for incorporation into the post-completion review?	Judith Beardsmore (Reconomy)
10/07/25	Project Planning Checklist	Checked as 'yes': Has disposal of liquid wastes such as wash-down water, dewatering or toilet waste been considered?	Judith Beardsmore (Reconomy)
10/07/25	Project Planning Checklist	Checked as 'yes': Are there opportunities for reducing disposal costs from waste materials, which may have commercial value?	Judith Beardsmore

Date	Section	Description	User
			(Reconomy)
10/07/25	Project Planning Checklist	Checked as 'yes': Have you considered what are the most appropriate sites for disposal of residual waste from the project?	Judith Beardsmore (Reconomy)
10/07/25	Project Planning Checklist	Checked as 'yes': Have opportunities been considered for re-use of materials on site i.e. crushing concrete?	Judith Beardsmore (Reconomy)
10/07/25	Project Planning Checklist	Checked as 'yes': Has agreement been sought from the sewage company for trade effluent discharge?	Judith Beardsmore (Reconomy)
10/07/25	Project Planning Checklist	Checked as 'yes': Have measures been put in place to deal with expected (and unexpected) hazardous waste?	Judith Beardsmore (Reconomy)
10/07/25	Project Planning Checklist	Checked as 'yes': Can targets be set for different types of waste likely to arise from the project?	Judith Beardsmore (Reconomy)
10/07/25	Project Planning Checklist	Checked as 'yes': Has an area been designated for waste management, including segregation of waste?	Judith Beardsmore (Reconomy)
10/07/25	Project Planning Checklist	Checked as 'yes': Has a project programme been developed to include likely waste arising? (how much, when and what types)	Judith Beardsmore (Reconomy)
10/07/25	Project Stage Checklist	Checked as 'yes': Can unused materials be returned to supplier or used on another site?	Judith Beardsmore (Reconomy)
10/07/25	Project Stage Checklist	Checked as 'yes': Is unwanted packaging to be returned to the supplier for recycling or re-use?	Judith Beardsmore (Reconomy)
10/07/25	Project Stage Checklist	Checked as 'yes': Has full consideration been given to the use of secondary and recycled materials?	Judith Beardsmore (Reconomy)
10/07/25	Project Stage Checklist	Checked as 'yes': Has a careful evaluation of materials been made so that over-ordering and site wastage is reduced?	Judith Beardsmore (Reconomy)
10/07/25	Site Segregation	Checked as 'yes': A designated area has been identified for waste management for each phase.	Judith Beardsmore (Reconomy)
10/07/25	Site Segregation	Checked as 'yes': All hazardous waste will be segregated from all other wastes and clearly labelled.	Judith Beardsmore (Reconomy)
10/07/25	Site Segregation	Checked as 'yes': Clear signage will be provided for all skips.	Judith Beardsmore (Reconomy)
10/07/25	Overview of Project	Checked as 'yes': Targets are set using previous dataand set against our benchmark target of 29m3. We will contiuously strive for better performance and set targets using the actual data collected	Judith Beardsmore (Reconomy)
10/07/25	Overview of Project	Checked as 'yes': Barratt and Reconomy use the waste hierarchy of Reduce Reuse and Recycle to define their approach to waste management. We aim to reduce the waste created through the design process, then look to re-use waste produced on site and where th	Judith Beardsmore (Reconomy)
10/07/25	Overview of Project	Unchecked: Targets are set using previous dataand set against our benchmark target of 29m3. We will contiuously strive for better performance and set targets using the actual data collected	Judith Beardsmore (Reconomy)
10/07/25	Overview of Project	Checked as 'yes': Post completion this plan will be reviewed and updated with reagrd to any changes to quanty and cost.	Judith Beardsmore (Reconomy)
10/07/25	Overview of Project	Checked as 'yes': All persons working on this site are provided with a Safety, Health & Environmental induction	Judith Beardsmore (Reconomy)
10/07/25	Overview of Project	Checked as 'yes': Barratt /DWH have a contract with Reconomy to provide build phase waste management services. All waste transfers are logged with contractor, and transactions and waste management sites recorded. Reconomy as the designated waste manageme	Judith Beardsmore (Reconomy)

Date	Section	Description	User
10/07/25	Overview of Project	Checked as 'yes': Waste is segregated on site, the site manager has responsibility for this. As the waste solutions provider Reconomy collect the waste suitable for recycling	Judith Beardsmore (Reconomy)
10/07/25	Overview of Project	Checked as 'yes': As our waste management solutions provider, Reconomy aim to divert from landfill significant proportions of timber, inert and mixed metal waste and other non-hazardous waste groups. The amount of waste that is collected which is diverted	Judith Beardsmore (Reconomy)
10/07/25	Overview of Project	Checked as 'yes': At design stage timber, inert and mixed metal waste and other non-hazardous waste groups that have the potential to be reduced. The targets produced for this plan for these waste groups take this reduction into consideration and actual w	Judith Beardsmore (Reconomy)
10/07/25	Overview of Project	Checked as 'yes': This tool automatically updates with the data collected from any transfer with 1 hour, ensuring, when refreshed, the plan is continually up to date.	Judith Beardsmore (Reconomy)
10/07/25	Overview of Project	Checked as 'yes': Reconomy, on behalf of Barratt Developments PLC, monitor and record all waste removed from site. This data includes total tonnage, recycled percentages, contractor used, and destination of waste.	Judith Beardsmore (Reconomy)