



# Wykham Park Farm Materials Management Strategy

*L & Q Estates*

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Date: 11 February 2020

Doc ref: WPF-HYD-XX-XX-RP-GE-1003

# DOCUMENT CONTROL SHEET

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Client	L & Q Estates	
Project name	Wykham Park Farm	
Title	Materials Management Strategy	
BIM reference	WPF-HYD-XX-XX-RP-GE-1003	
Project reference	C-04841-C	
Date	11/02/2020	

Document Production Record		
Status and Revision	S2 P2	Name
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Document Revision Record			
Status	Revision	Date	Revision Details
S2	P1	20/12/2019	First Issue
S2	P2	11/02/2020	Revision of phases to stages and updated outline planning doc included.

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## Annexes

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## 1. INTRODUCTION

### 1.1 Terms of reference

In October 2019, Hydrock Consultants Limited (Hydrock) were commissioned by L & Q Estates (the new owner of Gallagher Estates who commissioned the previous works) to prepare a Materials Management Strategy (MMS) for the Wykham Park Farm Stage 1 (Infrastructure) development.

This MMS relates to the proposed development of the site access routes (spine road), primary service trenches, sports pitches, locally equipped area for play (LEAP) and drainage features comprising ditches and attenuation basins. These works are considered to be the Stage 1 1 (Infrastructure) works.

The wider Wykham Park Farm development comprises several development parcels for housing, schools and other infrastructure, these works are considered to be Stage 2 of the project. These works are covered by the same planning application as the Stage 1 (Infrastructure) works (Ref: Outline Planning Permission (Ref: 14/01932/OUT dated 17th November 2014) in **Annex C**.

Reserved matters planning will be required for the individual development parcels in Stage 2, however, the planning boundary in the above planning application is considered 'the site' in regard to material movement. A site location plan (WPF-HYD-XX-GI-DR-G-1001) showing the 'wider site' boundary and a plan showing the Stage 1 (Infrastructure) works boundary area (WPF-HYD-XX-XX-DR-C-2400 Cut & Fill Analysis) are presented in **Annex B**.

The excavation arisings will comprise natural topsoil and residual rock of the Dyrham Formation, Marlstone Rock Formation and the Whitby Mudstone Formation. Where soils are naturally occurring, uncontaminated and are reused on the site they are excavated (i.e. completely uncontaminated greenfield site, with no Made Ground), they will fall outside the Waste Framework Directive (WFD) (i.e. they will not be a waste when reused on the site of origin).

As the arisings are topsoil and natural soils intended for reuse within the subject site, the need for a Material Management Plan (MMP) in accordance with CL:AIRE Definition of Waste Code of Practice (DoWCoP) is not required at this point, however, the works will be tracked in general accordance with the principals of an MMP in this Material Management Strategy (MMS).

It is not anticipated that imported material will be required for the Stage 2 part of the site development either, however, those responsible for the subsequent development of the individual parcels will need to review the material requirements to their own satisfaction. If import of material is required the development of the particular parcel may require an MMP in accordance with the DoWCoP to comply with waste legislation.

The activities to prepare this MMS have been undertaken in accordance with Hydrock's Fee Proposal (Ref: Wykham Park Farm – Arsenic Modelling and Delineation with Material Management – C- 04841-E-BG dated 21<sup>st</sup> October 2019).

### 1.2 Available information

The following supporting information has been used in the preparation of this MMP and are presented as the following annexes:

Annex A Drawings

Annex B Reports

Annex C Planning Documents

Annex D Examples of Tracking Sheets

### 1.3 Regulatory context and guidance

This MMS has been prepared in general accordance with 'The Definition of Waste: Development Industry Code of Practice', Version 2 (CL:AIRE), known as the DoWCoP, however, as all material being reused is natural and on the site of origin, full compliance and Qualified Person declarations etc. are not required. Should the current scope for Stage 1 (Infrastructure) change and importation of material be required this position will require review.

## 2. MATERIALS MANAGEMENT STRATEGY

This form has been taken from the CL:AIRE MMP template and reconfigured for reporting purposes. Sections not pertinent to the reduced scope of the MMS have been left in place with N/A as an answer in case material import or unexpected Made Ground is found in during the works. This will enable easier updates and tracking of this MMS being revised into an MMP in accordance with DoWCoP, if required.

The answers to the questions posed within this form, together with the supporting information will constitute the MMS and should be maintained and updated by the client as and when volumes, re-use/ import and/ or material types change.

### Scenario

1. Question 1 of the proforma for MMPs is not required as this material is natural and being re-used on the site of origin.

2. Organisation and name of person preparing this MMS	James Pitcher Senior Geo-environmental Consultant Hydrock Over Court Barns, Over Lane, Almondsbury, Bristol BS32 4DF Tel: (01454) 619533 Mob: 07880 405764
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### Document Control

Date issued	20 <sup>th</sup> December 2019
Revision date	
Summary of revision 1	
Summary of revision 2	

### Site Details

3. Site / Project name(s)	Wykham Park Farm, Stage 1 (Infrastructure) as outlined in drawings listed in Q.6 below.
Reuse / receiving site name:	As above
Donor site name (if Direct Transfer)	N/A

### Landowners

4a. Name of Landowner(s) (full address and contact details) – where excavated materials are to be reused	L & Q Estates Limited Gallagher House Gallagher Way Warwick CV34 6AF
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<p>4b. Name of Landowner(s) (full address and contact details) – where excavated materials are arising from</p>	<p>L &amp; Q Estates Limited Gallagher House Gallagher Way Warwick CV34 6AF</p>
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*Summary and Objectives*

<p>5a. Provide a brief description of the planned project and how excavated materials are to be reused.</p>	<p>Excavated materials are to be reused on the site of origin for filling where required, to meet the design levels as outlined in Hydrock Drawing WPF-HYD-XX-XX-DR-C-2400 Cut &amp; Fill Analysis (<b>Annex A</b>). The cut and fill is required to achieve drainage and suitable development levels for roads and infrastructure. Material from the Marlstone Rock Formation is to be reused beneath other material cover due to unacceptable levels of naturally occurring arsenic in this horizon as outlined in the RMS outlined in Q.13 below.</p>
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*General Plans and Schematics*

<p>6. Attach a location plan for the site(s) and a plan of the site(s) which identifies where different materials are to be excavated from, stockpile locations (if applicable), where materials are to be treated (if applicable) and where materials are to be reused.</p>	<p>All drawings are provided in <b>Annex A</b>, including: WPF-HYD-XX-GI-DR-G-1000 (site location) WPF-HYD-XX-GI-DR-G-1001 (ground investigation plan) WPF-HYD-XX-XX-DR-C-2400 (Cut &amp; Fill Analysis) WPF-HYD-XX-XX-DR-C-0210 to WPF-HYD-XX-XX-DR-C-0213 (LEAP and Sports Pitch cross sections)</p>
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<p>7. <b>Attach</b> a schematic of proposed materials movement. Where there is only one source area and one placement area briefly describe it. For all other projects a schematic is required.</p>	<p>Description &amp; Schematic Document Reference: WPF-HYD-XX-XX-DR-C-2400 (Cut &amp; Fill Analysis) (<b>Annex A</b>) shows the areas where cut and fill will be undertaken.  The cut is primarily to be undertaken for the preparation of roads and the site drainage which comprises ditches and detention ponds.  The areas where filling is to be completed is primarily in the LEAP and sports field areas.</p>
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*Parties Involved and Consultation*

If more than one party please provide additional details for them and identify the location that they will be working e.g. where a site is zoned

8a. Main earthworks contractor(s) (full address and contact details) – Where excavated materials are to be reused	TBC by L & Q Estates when tendered.
8b. Main earthworks contractor(s) (full address and contact details) - Where excavated materials are arising from	TBC by L & Q Estates when tendered.
9. Treatment contractor(s) (full address and contact details) – for treatment on site of origin, or at a Hub site within a fixed STF / Cluster Project	N/A
10. Where wastes and materials are to be transported between sites, provide details of the transport contractor(s) (full address, contact details and waste carriers registration details (if applicable))	N/A
11. Provide Local Authority contact details (full address and named contacts) where excavated materials are to be reused	N/A
12a. For the site where materials are to be reused and for Hub Site locations	N/A



provide Environment Agency contact details (full address and named contacts):	
<p><b>For all Cluster Projects:</b></p> <p>12b. Attach any relevant documentation from the EA relating to the excavation and reuse of the materials to demonstrate no objection to the proposals (see 3.37 of DoW CoP)</p> <p>If the EA has not been consulted please explain why (see paragraph 3.39 of the DoW CoP).</p>	<p>EA references:</p> <p>N/A</p>

### Lines of Evidence

There is no one single factor that can be used to decide that a substance or object is waste, or when it is, at what point it ceases to be waste; as complete a picture as possible has to be created.

The following sections require completion to ensure the correct decision is made.

If a requested item is not relevant it is important to clearly state why this is so (e.g. no planning permission required because permitted development status exists).

### Suitable for Use Criteria

<p>13. Please describe or provide copies of the required specification(s) for the materials to be reused on each site.</p>	<p>Document Reference(s):</p> <p>The following documents are relevant for the specification of material reuse on site and should therefore be read in conjunction with this MMS.</p> <ul style="list-style-type: none"> <li>• WPF-HYD-XX-XX-RP-G-1002 (Wykham Park Farm Remediation Method Statement); and</li> <li>• Earthworks Specification Drawing - WPF-HYD-XX-GI-DR-G-1004.</li> </ul> <p>The above reports are also included in <b>Annex B</b>.</p>
<p><b>Where contamination is suspected or known to be present</b></p>	<p>Naturally occurring arsenic is elevated above site specific criteria in the Marlstone Rock Formation at the site and is considered to pose a risk to human health in residential gardens and in areas of soft landscaping in the schools.</p>

<p>14a. Please provide copies of or relevant extracts from the risk assessment(s) that has been used to determine the specification for use on the site. <b>This must relate to the place where materials are to be used.</b> This must be in terms of (i) human health (ii) controlled waters and (iii) any other relevant receptors. If a risk assessment is not relevant for a particular receptor given the site setting please explain why below:</p>	<p>On this basis, and as detailed in the Wykham Park Farm Remediation Method Statement (Ref: WPF-HYD-XX-XX-RP-G-1002), the arisings from the Marlstone Rock Formation should be placed below at least 600mm of clean cover in soft landscaped areas</p> <p>Where excavated and stockpiled across the site, the Marlstone Rock Formation material should be placed on an impermeable membrane to stop cross contamination with other materials prior to placement in its final position. Full details of the handling of this material is included in the Remediation Method Statement (Ref: WPF-HYD-XX-XX-RP-G-1002).</p>
<p>14b. Please attach any relevant documentation from the LA relating to the excavation and reuse of the materials to demonstrate no objection (see 3.37 of the CoP)</p>	<p>LA Document Reference(s): N/A as MMS not an MMP.</p>
<p>14c. Please attach any relevant documentation from the EA relating to the excavation and reuse of the materials to demonstrate no objection (see 3.37 and Table 2 of the CoP)</p>	<p>EA Document Reference(s): N/A as MMS not an MMP</p>
<p>14d. Please attach any relevant documentation from any other regulators (if relevant) relating to the excavation and reuse of the materials to demonstrate no objection (see 3.37 of the CoP)</p>	<p>Document Reference(s): N/A as MMS not an MMP</p>

<p><b>Where contamination is not suspected</b></p> <p>15a. Please attach copies or relevant extracts from the Desk Top Study that demonstrates that there is no suspicion of contamination.</p>	<p>Document Reference(s):</p> <p>N/A – Natural arsenic above site specific criteria in the Marlstone Rock Formation.</p>
<p>15b. Please attach copies of or relevant extracts from the site investigation/testing reports that adequately characterise the clean materials to be used (if appropriate).</p>	<p>Document Reference(s):</p> <p>N/A – Natural arsenic above site specific criteria in the Marlstone Rock Formation.</p>
<p>15c. Please attach copies of any other relevant information (if available) confirming that land contamination is not an issue.</p>	<p>Document Reference(s):</p> <p>N/A – Natural arsenic above site specific criteria in the Marlstone Rock Formation.</p>

**NB: It is your responsibility to assess the nature of the material to be used and that it fits within the limitations of the scenario under which it is to be used**

*Certainty of Use*

Various lines of evidence are required to demonstrate that the materials are certain to be used. This includes:

- The production of this MMP
- An appropriate planning permission (or conditions that link with the reuse of the said materials)
- An agreed Remediation Strategy(ies)
- An agreed Design Statement(s)
- Details of the contractual arrangements

Please identify in the following sections what lines of evidence relate to the site(s) **where the materials are to be used**.

<p>16a. Planning Permission(s) relating to the site where materials are to be reused</p> <p>Please provide a copy of the relevant planning permission.</p>	<p>Document Reference(s):</p> <p>Outline Planning Permission 14/01932/OUT dated 17th November 2014 (with subsequent updates) is included in <b>Annex C</b>.</p> <p>This MMS relates to the proposed development of the site access routes (spine road), primary service trenches, sports pitches, locally equipped area for play (LEAP) and drainage features comprising ditches and attenuation basins. These works are considered to be the Stage 1 (Infrastructure) works. These works are all covered in the above planning document.</p> <p>The wider Wykham Park Farm development comprises several development parcels for housing, schools and other infrastructure, these works are considered to be Stage 2 of the project. The works are covered by the same planning application as the Stage 1 (Infrastructure) works (Ref: Outline Planning Permission (Ref: 14/01932/OUT dated 17th November 2014) in <b>Annex C</b>, however, reserved matters planning will be required for these parcels.</p>
<p>16b. Explain how the reuse of the excavated materials fits within the planning permission(s) for each site.</p>	<p>The planning permission allows the Stage 1 (Infrastructure) development of the site, including the access roads, drainage features and playing fields. The Stage 2 development parcel boundaries are also included within the outline planning application, however, these areas will need additional (reserved matters) planning applications and also additional design, which may require the preparation of a MMP in accordance with DoWCoP.</p>
<p>16c. If planning permission is not required for any one site please explain why below e.g. permitted development, clean up of a chemical spill, surrender of an Environmental Permit, re-contouring within the existing permission.</p>	<p>N/A</p>

<p><b>Where contamination is suspected or is known to be present</b></p> <p>17. Please provide a copy of any Remediation Strategy(ies) that have been agreed with relevant regulators.</p>	<p>Document Reference(s):</p> <p>WPF-HYD-XX-XX-RP-G-1002 (Wykham Park Farm Remediation Method Statement) is included in <b>Annex B</b>. This RMS is not agreed with the regulator and therefore updating of this may occur following consultation.</p>
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<p><b>Where contamination is not suspected</b></p> <p>18. Please provide a copy of any Design Statement(s) that have been agreed (e.g. with the planning authority or in the case of permitted developments the client).</p>	<p>Document Reference(s):</p> <p>N/A</p>
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*Quantity of Use*

<p>19. Please provide a breakdown of the excavated materials for each site and how much will be placed at each site or sub area of each site.</p> <p>Where this is not specific to a single readily identifiable source refer to an annotated plan, schematic or attach a tabulated summary.</p>	<p>Document Reference(s):</p> <p>WPF-HYD-XX-XX-DR-C-2400 Cut &amp; Fill Analysis shows the areas of cut and fill across the site. Drawings WPF-HYD-XX-XX-DR-C-0210 to WPF-HYD-XX-XX-DR-C-0213 show the cross sections of the placement of this material in the proposed placement locations. These drawings are included in <b>Annex A</b></p> <p>In summary, excavated arisings from the drainage features, highway construction and other items as part of the Stage 1 infrastructure work will be placed in the playing fields and LEAP areas to provide the required design levels. The total cut and fill volume is anticipated to be 66,018m<sup>3</sup> with a neutral balance.</p>
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<p>20a. How has consolidation/compaction being considered in the above mass balance calculations?</p>	<p>Consolidation and compaction have been considered to be approximately equal to the bulking factor from the excavation works. On this basis the volumes excavated and placed are considered to be the same.</p>
<p>20b. How has loss due to treatment being considered in the above mass balance calculations (if applicable)?</p>	<p>N/A – no treatment required.</p>
<p>20c. How has the addition of treatment materials being considered in the above mass balance calculations (if applicable)?</p> <p>Note - An exact figure is not required but one that is</p>	<p>N/A – no treatment required.</p>

reasonable in the circumstances and can be justified if challenged.	
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### Contingency Arrangements

Explain what is to happen in the following situations and **identify the appropriate clauses** in the contract(s) (Such clauses must be provided to the Qualified Person, preferably as a summary document): or

21a. What is to happen to, and who is to pay for out of specification materials?	Reference: L & Q Estates will be responsible for payment in this regard unless agreed in contract with the contractor undertaking the works prior to starting.
21b. What is to happen to, and who is to pay for any excess materials?	Reference: The cut and fill balance as part of the Stage 1 (Infrastructure) works across the site is currently indicated to be neutral. However, L & Q Estates will be responsible for payment in this regard unless agreed in contract with the contractor undertaking the works prior to starting.
21c. What happens if the project programme slips in relation to excavated materials or materials under -going treatment?	Reference: N/A no treatment proposed
21d. Other identified risk scenarios for the project (relating to excavated materials)?	Reference: N/A

### The Tracking System

Where contamination is suspected or known to be present, state the procedures put in place to:

22a. For all sites please describe the tracking system to be employed to monitor materials movements.	The tracking form and stockpile management proforma in <b>Annex D</b> (or similar) will be used to track the excavation and placement location of material on site.
<b><i>Where contamination is suspected or known to be present, state the procedures put in place to:</i></b>	N/A No treatment required

<p>22b. Prevent contaminants not suitable for the treatment process being accepted</p>	
<p><b>Planning</b></p> <p><i>Where contamination is suspected or known to be present, state the procedures put in place to:</i></p> <p>22c. Prevent cross contamination of materials not in need of treatment, wastes awaiting treatment and treated materials</p>	<p>The Marlstone Rock Formation can be differentiated based on visual appearance. The thickness cover assessment drawing WPF-HYD-XX-XX-DR-C-2410 shows the anticipated depth to the material across the site. Where excavated this material should be segregated and stored on an impermeable membrane to avoid cross contamination of the underlying material beneath.</p>
<p><i>Where contamination is suspected or known to be present, state the procedures put in place to:</i></p> <p>22d. Demonstrate that materials that do not require treatment and successfully treated materials reach their specific destination</p>	<p>The Marlstone Rock Formation arisings will be placed at the base of any area of fill, with other site won (natural) material and topsoil being placed above this (to at least 600mm thickness). The placement in this order will be recorded in the tracking documents in <b>Annex D</b>. The cross sections presented in <b>Annex A</b> also show this placement order.</p> <p>The contractor undertaking the works will be fully appraised of the required earthworks sequence in the form of a toolbox talk and/ or as part of the induction. The site managers will need to review the segregation of material on a regular basis.</p>
<p><i>Where contamination is suspected or known to be present, state the procedures put in place to:</i></p> <p>22e. Ensure that waste for off site disposal or treatment is properly characterised and goes to the correct facility.</p>	<p>N/A as there is a neutral cut and fill balance, however, should unexpected contamination be encountered, this material will be left in situ (if high risk such as asbestos) or segregated and stockpiled. In either scenario the material should be reviewed by competent geo environmental engineers, tested and undergo suitable waste classification for off site disposal at a licenced facility. This should also be tracked by site for inclusion in any subsequent validation reports.</p> <p>All waste transfer notes will be retained by site for records.</p>
<p>23. Please attach a copy of the tracking forms / control sheets that are to be used to monitor materials movements.</p>	<p>Document Reference(s):</p> <p>Examples of the Excavated material tracking plan and the stockpile management spreadsheet are included in <b>Annex D</b>.</p>

<p>To include transfer of loads on site into stockpiles prior to treatment (if applicable), stockpiled after treatment (if applicable), stockpiled awaiting use (as appropriate) and final placement.</p>	
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<p><b>For Hub Sites within Cluster Projects &amp; where materials need treatment before reuse</b></p> <p>24. Please attach a copy of the Environmental Permit covering the treatment process.</p> <p>Alternatively, if the treatment is covered by a Mobile Plant Permit and associated Deployment Form, attach a copy of the EA agreement to the Deployment Form.</p>	<p>Permit reference / EA letter reference:</p> <p>N/A</p>
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### Records

<p>25. Where, and in what form, are records to be kept?</p> <p>Note – records e.g. transfer notes, delivery tickets, Desk Top Study, Site Investigation, Risk Assessment(s), Verification Report(s) need to be kept for at least 2 years after the completion of the works and production of the Verification Report.</p>	<p>Site will keep records of all movements of material across site in a site diary and digitised format. This should include indicative movement plans to show the excavation and placement locations.</p> <p>It is not anticipated that any material will be exported to or from site and require tracking. However:</p> <ul style="list-style-type: none"> <li>-Should material be removed from site the transfer tickets should be stored within the site records; and</li> <li>-Should material require importing to site for general fill this MMS is not legally compliant for tracking of the works. In this situation an MMP in accordance with DoWCoP would be required but this cannot be completed post site works starting.</li> </ul>
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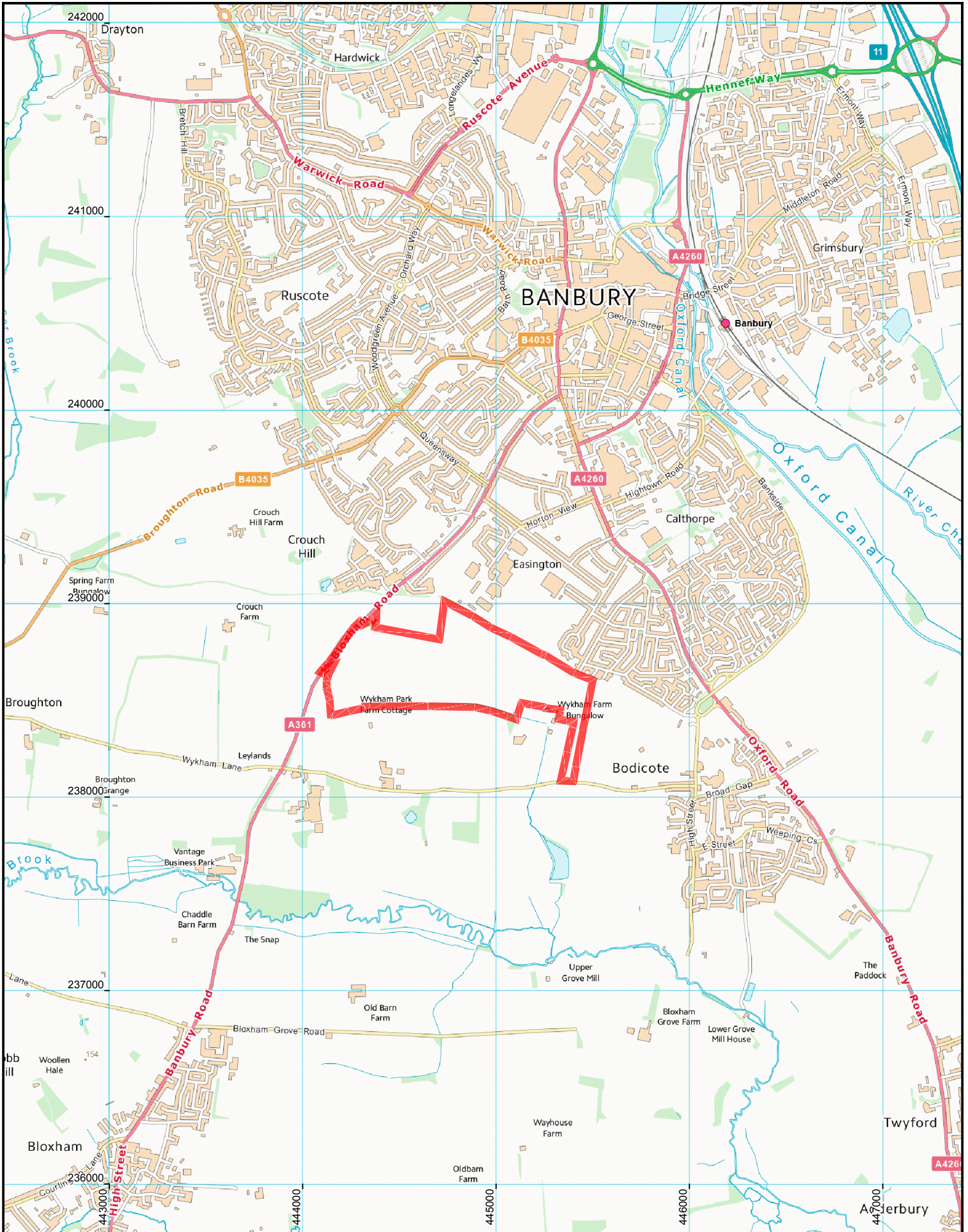
*Verification Plan*

26. Provide or explain the Verification Plan which sets out how you will record the placement of materials and prove that excavated materials have been reused in the correct location and in the correct quantities within the development works (see 3.4 of the DoW CoP).	N/A
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### 3. ANNEXES

# Annex A

# Drawings



OS NORTH

Site Ref: SP43

0 500 Metres

WARWICKSHIRE  
NORTHAMPTONSHIRE  
MILTON KEYNES  
BUCKINGHAMSHIRE  
OXFORDSHIRE  
GLOUCESTERSHIRE

P1	FIRST ISSUE	15/02/17	RC	15/02/17	ROH	15/02/17
REV.	REVISION NOTES/COMMENTS					
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE

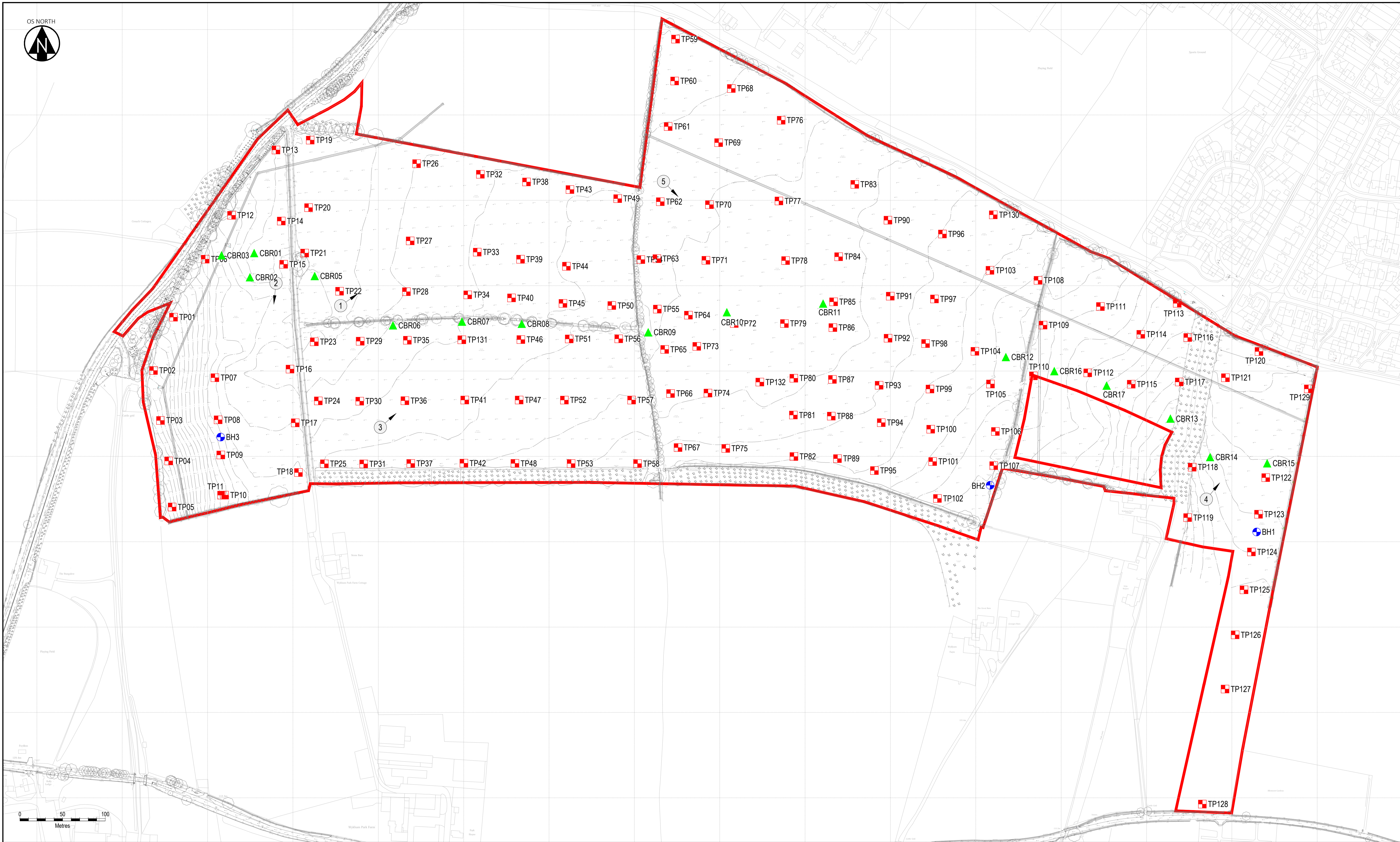
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CLIENT  
**GALLAGHER**  
ESTATES

PROJECT  
Wykham Park Farm

TITLE SITE LOCATION PLAN	
HYDROCK PROJECT NO. C-04841-C	SCALE @ A4 1:25,000
PURPOSE OF ISSUE SUITABLE FOR INFORMATION	STATUS S2
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) WPF-HYD-XX-GI-DR-G-1000	REVISION P1



**KEY PLAN**

- Site Boundary
- Trial Pit
- Borehole
- ▲ CBR in-situ tests
- 01 Photograph location and reference number

**NOTES**

1. This drawing has been based on the following drawings and information:  
 - Greenhatch Group topographical survey drawing no 17711 OGL - Rev.1,  
 Date Nov2012


<b>REV.</b>	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE
P1	IB	15/02/17	RC	22/03/17	Ruh	22/03/17
REVISION NOTES/COMMENTS						

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E-Mail: bristol@hydrock.com  
or visit www.hydrock.com

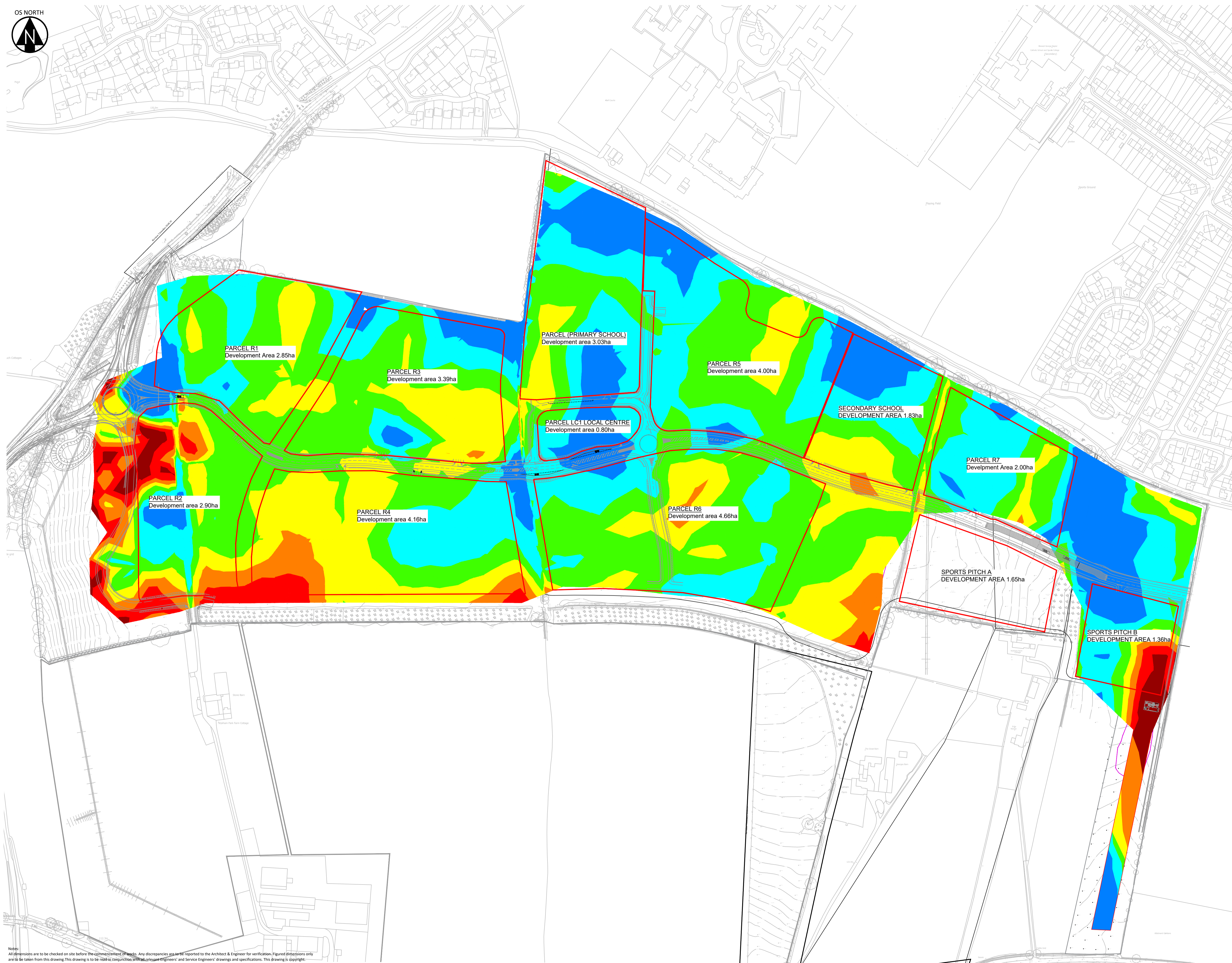
**GALLAGHER**  
ESTATES

CLIENT: **GALLAGHER ESTATES**

PROJECT: **Wykham Park Farm**

<b>TITLE</b>	
<b>EXPLORATORY HOLE LOCATION PLAN</b>	
HYDROCK PROJECT NO. C-04841-C	SCALE @ A1 1:1000
PURPOSE OF ISSUE SUITABLE FOR INFORMATION	STATUS S2
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) WPF-HYD-XX-GI-DR-G-1001	REVISION P1

OS NORTH



**NOTES:**

It is assumed that any cut material can be reused on site as an engineered fill material. It is likely that material from site will need to be conditioned in terms of their moisture content to ensure they can be adequately compacted within proposed earthworks.

Topsoil strip is as advised by the geotechnical investigation report. (hydrock ref: WPF-HYD-XX-XX-RP-G-1001-P1.4-S2). this suggests topsoil thickness ranging from 0.15m to 0.4m so an average of 0.3m has been assumed.

Depths displayed are taken from existing ground level to top of Marlstone Rock formation

CUT Depth Bands	
■	Band 1 -0.00 - -0.25
■	Band 2 -0.25 - -0.50
■	Band 3 -0.50 - -0.75
■	Band 4 -0.75 - -1.00
■	Band 5 -1.00 - -1.25
■	Band 6 -1.25 - -1.50
■	Band 7 -1.50 >
—	PARCEL BOUNDARY

P1	25/11/19	First Issue	SM	BS
Rev	Date	Description	By	Ckd

**Hydrock**

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 TEL: 01454 619 533 FAX: 01454 614 125 or visit  
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Client: **L & Q ESTATES**

Project: **WYKHAM PARK FARM**

Hydrock Project No: **C-04841**

Drawing Title: **MARLSTONE ROCK DEPTHS**

Status: <b>SO</b>	Purpose of Issue: <b>INFORMATION</b>			
Drawn: <b>SM</b>	Checked: <b>BS</b>	Scale @ A1: <b>1:2000</b>	Drawn Date: <b>16/08/2017</b>	First Issue: <b>16/08/2017</b>
Drawing No. <b>WPF-HYD-XX-XX-DR-C-2410</b>	Revision <b>P1</b>			

Notes: All dimensions are to be checked on site before the commencement of works. Any discrepancies should be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing. This drawing is to be read in conjunction with all other drawings and specifications. This drawing is copyright.