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Temporary Runoff Management Plan

MERCHANT FIELDS, CLECKHEATON REV A

HARRON HOMES

11/08/2025

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TEMPORARY RUNOFF MANAGEMENT PLAN

MERCHANT FIELDS, CLECKHEATON

FOR

HARRON HOMES

48867-0002 **11 August 2025**

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MERCHANT FIELD, CLECKHEATON

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Job No.	:	48867
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Approved :

Senior Engineer

CONTENTS

APPENDICES

1.0 INTRODUCTION

Harron Homes are proposing the development of a 11.93-hectare greenfield site for residential use. The site is located to the south of Bradford, West Yorkshire off the M62 and is centred on the coordinates 419067, 426683.

The site is bounded by the A58 to the north, the B6121 to the west, commercial land to the south, and open fields to the east. The surrounding area is occupied by a mixture of agricultural, residential and commercial land. The site is accessed from the Kilroyd Drive to the north and Hunsworth Lane to the west.

The site is currently an undeveloped area of land comprising former farmland, made up of 4 open fields and a cluster of farm buildings located centrally. Surface water drainage is directed predominantly to the south and west.

The site boundaries have been surveyed. Levels around the boundary of the site range between 105.5 mAOD and 81.0 mAOD. The site is at its highest points around the western boundary by the plots off Links Avenue, and falls to the lowest points at the southernmost point at the back of the plots on Kestrel View.

Proposals are for a 291-Plot residential site.

This report outlines the temporary site drainage measures and management of construction run-off for the proposed site and has been prepared for, and on the instructions of, Harron Homes. Any other parties using the information in this report do so at their own risk and any duty of care is excluded.

2.0 SITE PERSONNEL AND DOCUMENTATION

The following measures are to be implemented to increase awareness and bring existing site documentation up to date:

1. Undertake additional detailed site based awareness training (Toolbox Talk) on silt management and protection for all site staff including groundworkers;
2. Include a detailed section relating to silt protection within site induction folder;
3. Continued review of existing Site Specific Environmental Action Plan (SSEAP) to reflect measures in addition to those within the standard procedures to be implemented on site (As discussed below); and
4. Undertake weekly site audit and obtain support from Environmental Consultant if or when required.

3.0 PROTECTION MEASURES WITHIN ACTIVE DEVELOPMENT ZONE

3.1 Drainage

The following protection measures are to be implemented to protect the surface water system:

1. Provision of a road sweeper on site and adjacent road network during periods of inclement weather (to be continually assessed by site management);
2. Installation and maintenance of one control area per phase of construction with capacity for temporary water storage;
3. When necessary, collected water within the local control areas to be discharged to undisturbed areas and to allow infiltration into the ground;
4. The outfall from the site wide control area should be blocked off to allow settlement;
5. Control area to be monitored to ensure that it does not overflow although this could occur during a significant rainfall event;
6. In the event of heavy rainfall, control release or tankering may be required to remove collected water from the control area;
7. Construction of bunds as indicated on temporary run-off drawing designed to direct surface flow to control areas and prevent off-site flow;
8. Retention of vegetation in areas not identified for construction until later phase;
9. The placement of gully guards (or standard protection) in all gullies during construction and to be inspected and replaced/cleaned when necessary;
10. The placement of a terram layer within all manholes during construction and to be inspected and replaced when necessary;
11. Minimise the movement of plant on and off roads to prevent the tracking of excess soil onto roads and highways (planning of working day);

12. Construction of speed ramps to slow traffic down and also to help direct surface water to collection areas;

13. The installation of hardstanding areas to the front of buildings to enable 'clean' forklift access;

14. The placement of topsoil at the earliest opportunity to control surface run-off from completed areas; and

15. General good housekeeping of the site.

16. **In the Event of surface water ponding before reaching the ultimate outfall. Surface Water will be pumped along the bund to allow for gravity redirection into SW manhole.**

3.2 Monitoring procedures and records

The following monitoring procedures will be carried out on a daily or weekly basis by the site team to enable continuous review of the measures listed above. A comprehensive record of the effectiveness of the system will then be maintained to enable further review by any parties attending site:

1. Regular inspection and management of the temporary control areas to ensure they are not blocked or over-filled; **In this instance areas are to be unblocked and overfilled areas to be over pumped further along the bund.**

2. Replacement of terram as required;

3. Regular assessment of bund construction to ensure surface water is controlled and not impacting adjacent areas;

4. The SSEAP will be reviewed and updated when required to reflect changes to site conditions and operations;

5. All records will be reviewed on a monthly basis, but advice can be obtained by the site team at any time from the appointed environmental consultant; and

6. Contact should be made to the appointed Environmental Consultant in the event of heavy rainfall breaching protective measures.

APPENDICES

APPENDIX 1

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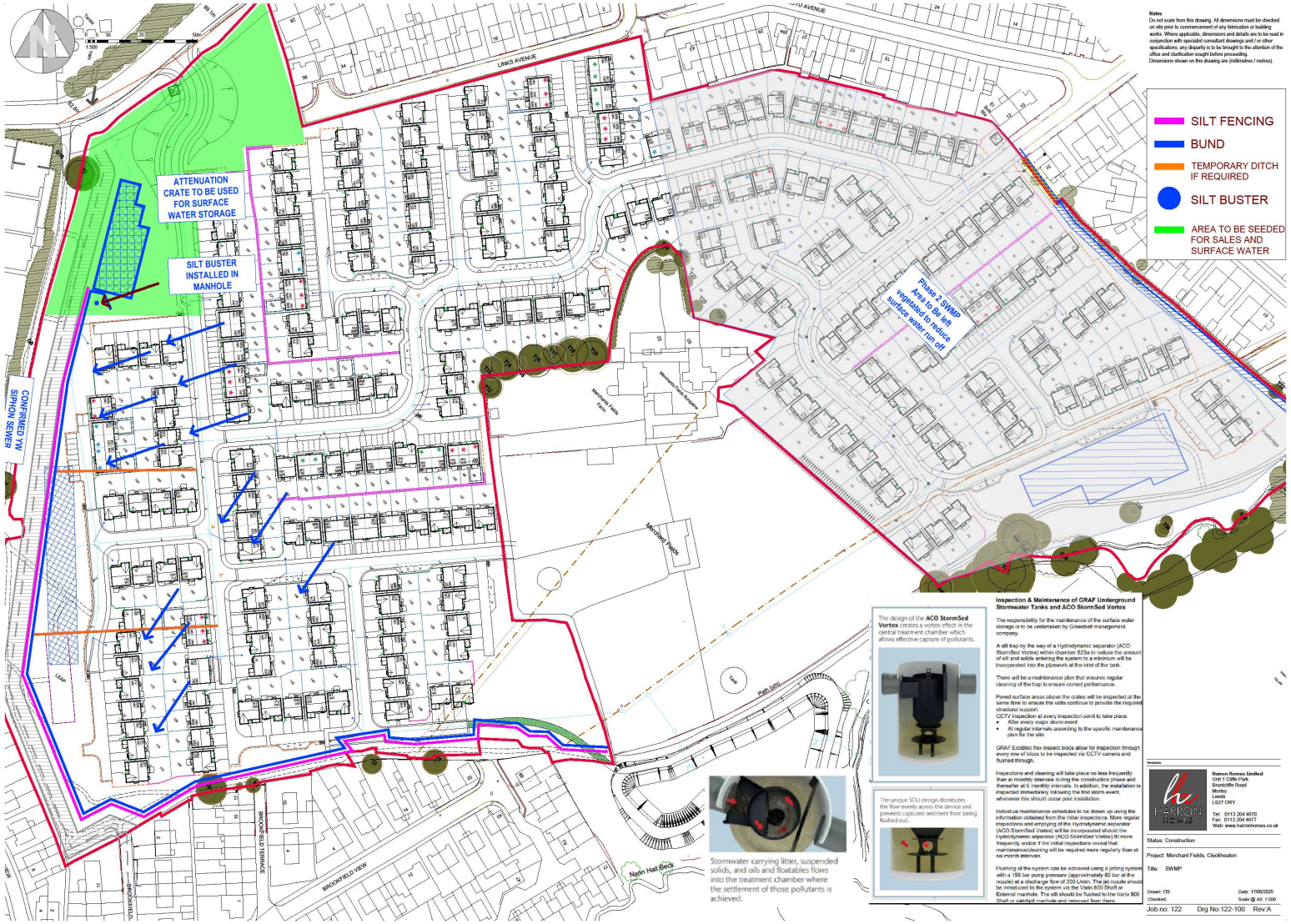

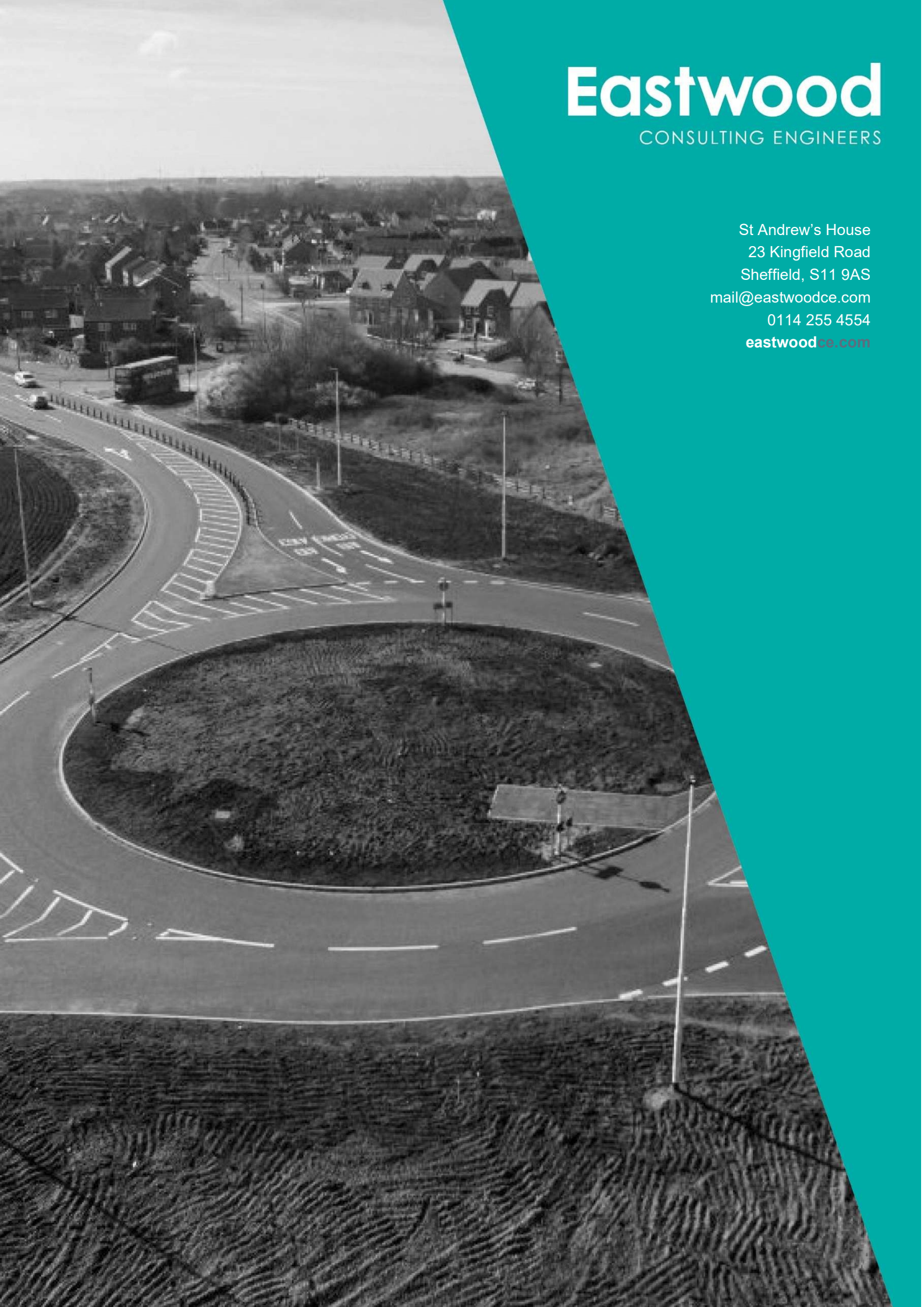

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