TWITTER, TWEET, RETWEET and the Twitter logo are trademarks of Twitter, Inc. or its affiliates.

LinkedIn, the LinkedIn logo, the IN logo and InMail are registered trademarks or trademarks of LinkedIn Corporation and its affiliates in the United States and/or other countries.

Bryan G Hall Ltd. Registered in England & Wales Co No. 4104802

This drawing is copyright and shall not be reproduced nor used for any other purpose without the written permission of the Bryan G Hall ltd. This drawing must be read in conjunction with all other related drawings and documentation.

It is the contractors responsibility to ensure full compliance with the Building Regulations. Do not scale from this drawing, use figured dimensions only. It is the contractors responsibility to check and verify all dimensions on site. Any discrepancies to be reported immediately.
IF IN DOUBT ASK.

Materials not in conformity with relevant British or European Standards/Codes of practice or materials known to be deleterious to health & safety must not be used or specified on this project.

Bryan G Hall Limited has not checked or verified, and shall therefore not be liable for any inaccuracies which may be attributable to any base plan(s) reports, data or information provided by the client, or purchased by the consultant on the client's behalf, that may have been utilised within this drawing.

Bryan G Hall Limited shall not be liable for the use of this or any associated document, for any purpose, by any person other than that for which they were provided.

It remains the client's and/or its appointed contractor's responsibility to check for any discrepancies. Any anomalies discovered must be reported immediately to Bryan G Hall Limited for verification.

The locations of utilities apparatus, if shown, have been reproduced from plans supplied to Bryan G Hall Limited. Although care has been taken when duplicating this information, these locations are approximate only. No guarantee can be given by Bryan G Hall Limited for their accuracy. It is the client's or its appointed agent/contractor's responsibility to verify the exact locations on site by appropriate means prior to mechanical excavation.

SURFACE WATER MANAGEMENT PLAN

1. This drawing details the temporary measures to be installed at the site to protect the existing watercourses and surrounding areas from any unwanted or contaminated surface water runoff generated from the site during the construction phase of the development.

2. The site generally falls in an easterly direction towards the old wooded railway embankment.

3. Earth bunds approximately 0.5m high with 1 in 2m side slopes and a flat top of 0.30m wide will be formed along the eastern boundary of the residential site to stop any overland flow of water running onto the neighboring land Road and also to channel surface water towards purposely built sumps and detention basins along the earth bund.

4. The purposely built sumps and detention basins, approximately 0.5m minimum deep and is located in the lowest parts of the site and will be constructed:-

   - To catch and store any sediment
   - To allow infiltration into the prevailing ground
   - To hold a volume of surface water
   - To allow a controlled outfall into the watercourse.

6. As there are no positive outfalls available for the sumps in the residential areas daily monitoring of the water levels will be undertaken and be removed from site in a controlled way when the water level reaches the top of the sump level.

7. The protection measures will be installed prior to any major topsoil strip on site and will be maintained during the construction phase of the development.

Operation and Maintenance Plan

8. The protection measures should be inspected on a daily basis during the construction phase and especially during or following heavy rainfall and follow the maintenance plans below.

EARTH BUND		
Maintenance	Action	Frequency
Regular	Inspect for damage	Daily
Remedial Work	Remove sediment, debris, or other blockages at base of bund to allow free flowing overland flow Repair areas of damage or deterioration	Monthly or as required Monthly or as required

DETENTION BASIN / SUMP		
Maintenance	Action	Frequency
Regular	Inspect for damage, sediment build up or high water levels	Daily
Remedial Work	Remove sediment and debris and dispose in a controlled and approved manner Repair side slopes and base	Monthly or as required Monthly or as required

Rev:	Date:	Amendment:	DRN	CHK	APR

BRYAN G HALL
CONSULTING CIVIL & TRANSPORTATION PLANNING ENGINEERS
LEEDS T 0113 246 1555 LONDON T 0203 5532336
Suite E15 | Josephs Well
Hanover Walk | LEEDS | LS3 1AB
W www.bryanghall.co.uk
E transportleeds@bryanghall.co.uk

Client: Newett Homes

Status:

Scale: 1:250
Size: A0 - 1189 x 841
Drawn: IE
Chkd: NB
Appvd:

Project: Residential Development Northorpe Lane, Mirfield

Title: Temporary Surface Water Management Plan

Drawing No: 22/223/TSWMP/001
Revision:
Job No: 22-223
Date: 27.06.23

smas WORKSAFE
CHAS
twitter.com/Bryanghall1
Bryan G Hall

Copyright Reserved Bryan G Hall Ltd.