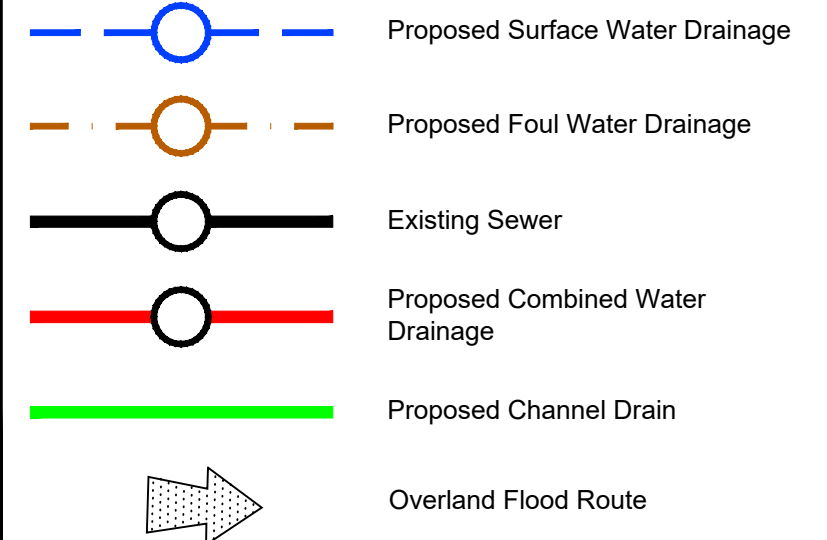


1. This drawing is to be read in conjunction with all relevant architect's and engineer's drawings.
2. It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

Key



Drainage Strategy

The site is located within flood zone 1 with a low risk of flooding from rivers or the sea and is less than one hectare, therefore a site specific flood risk assessment is required, please refer to Topping Engineer report.

PPF guidelines require that surface water arising from a developed site should as far as practicable be managed in a sustainable manner to mimic the surface water flows arising from the site prior to development.

The existing site is the former St Luke's Hospital which discharged into the Yorkshire Water sewer. The current site is being developed into houses and provisions have been made for the commercial site to discharge into the Yorkshire Water sewer at 3.1l/s.

Surface Water:

The proposed impermeable area is 6140m². Based on a flow restriction of 3.1l/s and modelling using Micro Drainage software the attenuation requirement for a peak return period of 1 in 100 year plus 0% climate change is 400.00m³.

attenuation for the proposed impermeable area of 6140m² to be provided via GEO-CELLULAR TANK 10x25x1.6m DEEP = 400.0m³. The flows will be restricted using a hydrobrake - product code - MD-SHE-0075-3100-1600-3100.

Surface water from the proposed site will connect into the existing Yorkshire Water foul combined sewer running down Blackmoorfoot Road, Huddersfield, subject to S106 agreement from Yorkshire Water.

oul Water:

oul water from the proposed site will connect into the existing Yorkshire Water foul combined sewer running down Blackmoorfoot Road, Huddersfield, subject to S106 agreement from Yorkshire Water.

P5	UPDATED TO SUIT YW AND LLFA COMMENTS	20/02/24	OG
P4	UPDATED TO SUIT NEW SITE LAYOUT	12/10/23	JS
P3	UPDATED TO SUIT NEW SITE LAYOUT	14/09/23	JS
P2	REFERENCE UPDATED	05/04/23	JS
P1	FIRST REVISION	19/08/22	JS

No.	Revision	Date	Drwn
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Status Preliminary

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Client	Lidl	
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Project

Proposed Lidl Foodstore
Crosland Moor

Drawing title			
Drainage Strategy			
Drawn JS	Chkd RT	Date AUG 2022	Scale As Shown @ A1
Contract No. 21561		Drg No. DR-C-0100	Revision P5

Drainage Strategy - Scale (1:250)