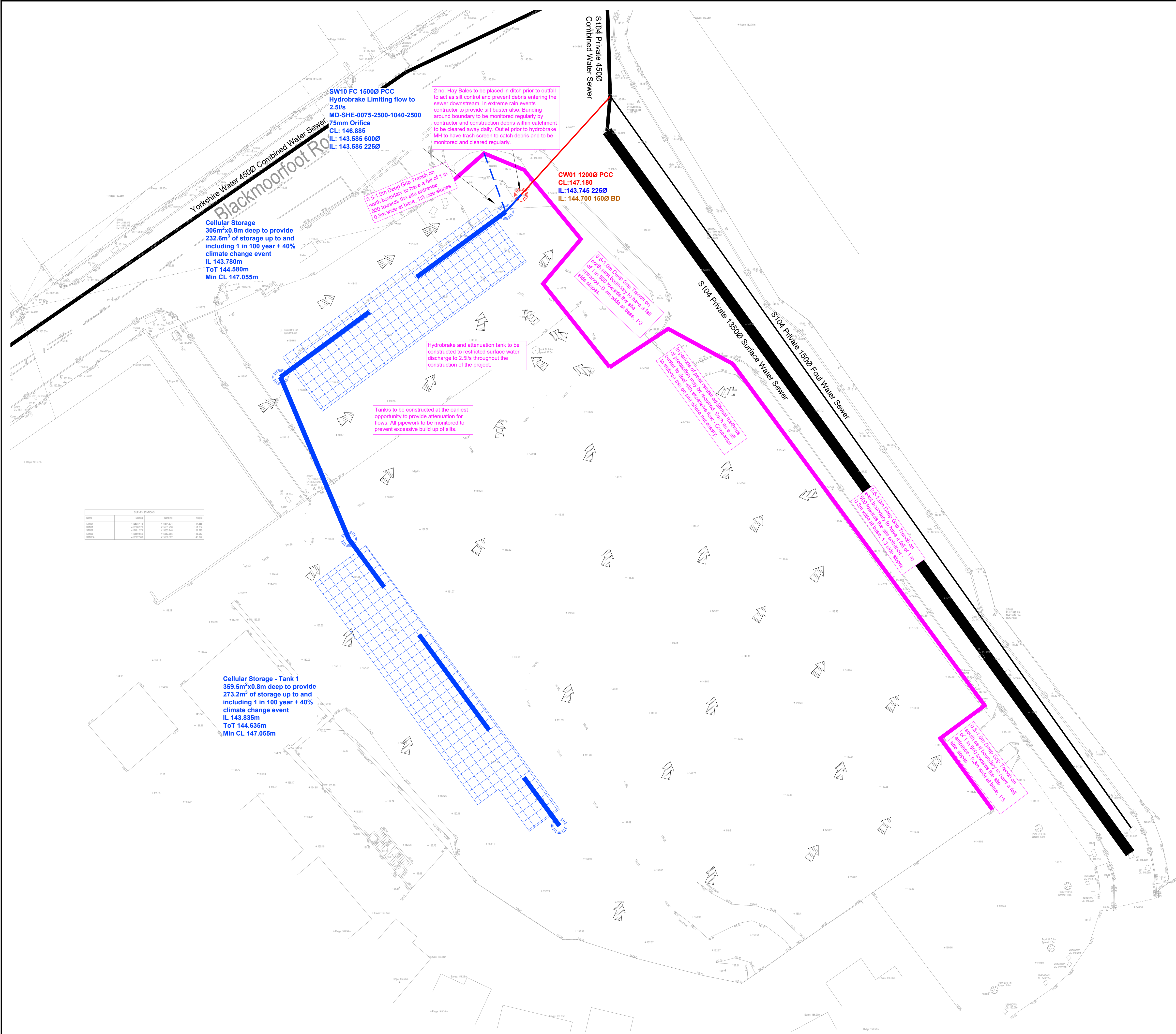




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DO NOT SCALE OFF THIS DRAWING

Notes:

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

Proposed Surface Water Drainage

Attenuation Crates

Existing Sewer

Proposed Combined Water Drainage

Trench

Overland Flood Route

Notes

Whilst the project is being constructed surface water management will be required to reduce the amount of silt and debris that discharges into the sewer.

The hydrobrake and attenuation tank will be constructed to restrict any flow from the construction site to 2.5l/s and decrease the chance of the flooding to the site and downstream of the site.

The lowest area of the site is the north eastern side, therefore a trench will be constructed around the perimeter of the North and eastern boundary as shown on the drawing. This will catch any surface water runoff from the site, prevent any pollutants from leaving the site. The ditch will run at 1 in 500 gradient towards the hydrobrake. The ditch will remove the pollutants and debris from the surface water.

2 no. Hay Bales to be placed in ditch prior to outfall to act as silt control and prevent debris entering the sewer downstream. In extreme rain events contractor to provide silt buster also. Bunding around boundary to be monitored regularly by Contractor and construction debris within catchments to be cleared away. Outlet prior to hydrobrake manhole to have a trash screen to catch debris and to be monitored and cleared regularly.

In periods of peak rainfall additional methods of precaution may be required. Such as a silt buster to deal with excessive flow - Contractor to enforce this on site where necessary.

Maintenance

The maintenance of the temporary drainage will be monitored by the Contractor.

Any debris/silt will be monitored daily and be removed and disposed in the correct manor where necessary.

Hydrobrake and attenuation tank to be monitored weekly and after any heavy storm - to check any debris or silt are effecting the performance of the hydrobrake. Any debris and silt to be removed and disposed in the correct manor where necessary.

Hay bales / silt buster / trash screen to be monitored weekly and after any heavy storm - to check debris or silt are blocking and preventing the system from running freely. Any debris and silt to be removed and disposed in the correct manor where necessary.

Ditch to be monitored weekly and after any heavy storm - to check debris or silt are blocking and preventing the system from running freely. Any debris and silt to be removed and disposed in the correct manor where necessary.

P03	Updated to suit drainage strategy	27/02/26	CG
P02	Updated to suit drainage strategy	19/08/25	CG
P01	First Issue	20/02/24	OG
No.	Revision	Date	Drwn

Status Preliminary

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Client

Project **Proposed Lidl Foodstore
Crosland Moor**

Drawing title **Temporary Drainage**

Drawn	OG	Chkd	JS	Date	Feb 2024	Scale	As Shown @ A1
Contract No.	21561	Drw No.	DR-C-0105	Revision	P03		