LEGEND

- Site Boundary
- FFL 134.65 Proposed Finished Floor Level
- Proposed Surface Water Sewer
- Proposed Gully Connection
- Proposed Foul Water Sewer
- Flood Flow Exceedance Low Points

Flood Exceedance Event (1 in 800 Year)

This plan illustrates flood exceedance routing and ponding based on the proposed ground levels under the simulated 1 in 800 year storm event, as detailed in Doc: TAY143-GDX-BET-ZZ-XX-RP-C-0013- P01-Exceedance Event Network Details.

The simulation results show manhole cover exceedance and flooding at the following location: S7 (~14m³). This plan provides a visual representation of the associated flood volumes for exceedance.

The simulation includes the operation of the proposed below-ground drainage system and identifies the point at which it is first exceeded. Exceedance flows are contained within the proposed carriageway, directed away from both proposed and existing dwellings. There is no flooding of the proposed dwellings in this extreme storm event.

Notes

1. Planning layout ref, Taylor Wimpey - 25053-1000H- Site Layout_2025-10-09 .
2. Topographical survey provided by 'GEO, ref 'G24104 - Stoney Lane, Prescot Topographical and Utility Survey', Dated March 2024.
3. Road detail, levels and layout are subject to local authority section 38 Highways approval.

0 5 10 20 30 40 50m

SCALE 1:500

Mark	Date	Details	By	Chk
P03	20.08.26	Updated with current Site Layout	CP	
P02	26.03.26	Up-Fix filter indicated	CP	
P01	23.03.26	Preliminary issue for review	CP	

Revision history

Drawing originator:

BETTS HYDRO CONSULTING ENGINEERS | BETTS ASSOCIATES CONSULTING ENGINEERS | BETTS GEO CONSULTING ENGINEERS

Client: Taylor Wimpey

Project title: Glen Dimplex Stoney Lane

Drawing title: Flood Exceedance Routing

Scale: 1:500 for the original size of A0

Drawn by: CP | Checked by: - | Passed by: - | Date: Apr' 2025

Drawing status:

Job No:	Drawing No: Project	Origin	Volume	Level	Type	Discip	Number	Revision:
TAY143	GDX	BET	ZZ	XX	DR	C	0008	P03

Do not scale this drawing

6-7 Old Marsh Farm Barns, Welsh Road, Sealand, Flintshire, CH5 2LY
enquiries@bettshydro.co.uk
Chester 01244 288178