



KEY

- SURFACE WATER SEWER AND MANHOLE
- SURFACE WATER FLOW CONTROL CHAMBER
- SURFACE WATER DRAINAGE
- FOUL WATER SEWER AND MANHOLE
- FOUL WATER SEWER AND INSPECTION CHAMBER
- PROPOSED GULLY AND GULLY LEAD
- PROPOSED RISING MAIN
- EXISTING FOUL WATER SEWER AND MANHOLE
- EXISTING SURFACE WATER SEWER AND MANHOLE
- EXISTING HIGHWAY DRAIN AND CATCHPIT
- EXISTING ATTENUATION TANK
- EXISTING HYDROBRAKE
- EXISTING AQUASWIRL
- EXISTING GULLY AND GULLY LEAD
- EXCEEDANCE FLOW ARROWS

NOTES:

- This drawing is not to be scaled.
- Drawing based on Persimmon Homes drawing reference 'X DRAFT - ph6b_17 Units, 21.11.25', received on 21/04/26.
- Based on topographic survey undertaken by Subvision Survey in March 2022, drawing reference SS-PH-013.
- This drawing is to be read in conjunction with all other relevant engineering and landscaping drawings. Any discrepancies are to be reported to the Engineer immediately for clarification.

A0 ORIGINAL

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The existing Hydrobrake with a design outflow of 120/s will be replaced with a new Hydrobrake with a peak allowable discharge of 20/s.

The Attenuation Tank and 120/s discharge was designed for the Community Centre and Car Park (superseded) that had an impermeable area of 5,690m².

The revised 6a RMA has a much smaller impermeable area draining into the attenuation tank, covering 2,310m².

The 100/s reduction will enable the playing pitches and Car Park to the east of phase 6a to have a free discharge into the Norway Stream. Refer to the accompanying drainage technical note for more detail.

EXISTING ATTENUATION TANK 01

COVER ABOVE TANK
Base Level = 1.79m (Constant, Tank is flat)
Soffit = 2.915m

TOP WATER LEVEL
Top Water Level (soffit tank) = 2.915m AOD
(300mm below lowest gully grate @ 3.22m)

Plan Area= 200m²
20m (l) x 10m (w) x 1.125m (dp) x 95% Void Ratio
Usable Volume= 213m³

FOR DETAILS OF PLAY AREA, PLEASE REFER TO THE RELEVANT LANDSCAPE ARCHITECT'S DRAWINGS

KEY TO HEALTH AND SAFETY SYMBOLS

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION.
- INDICATES A RESIDUAL RISK FOR INFORMATION.
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION.
- INDICATES A RESIDUAL RISK AS A WARNING.

FOR INFORMATION

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17

P3	Drawing updated following revised layout and comments from WSCC received on 21/04/2026. (TC)	SF	15/06/2026
P2	Issue LEPB layout added. Drainage and contours updated. Pumping station lay by added. (TC)	SF	01/12/2025
P1	Initial Issue. (TC)	SF	24/11/2025

rev. amendment checked date

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client: PERSIMMON HOMES THAMES VALLEY

project: PHASE 6B LITTLEHAMPTON

scale: 1:200 drawn by: TC checked by: SF

date: JUNE 2026 cad file: 121.DWG

title: DRAINAGE GENERAL ARRANGEMENT

Mayer Brown Limited jobcode: suitability: revision: P3

drawing number: PHLITTLEPH6B.2/121