



Legend	
Surface water sewer	
Foul water sewer	
Perforated pipe	
Linear channel	
Permeable paving	
Geocellular attenuation	
Green sedum roof	
Rain garden	
SuDs Tree Pit Root space	
Stone scour protection	

- Notes
- Do not scale from this drawing, use figured dimensions only. All dimensions in metres unless specified otherwise.
  - This drawing is for planning and SAB purposes only and should not be used for construction.
  - Site layout based on CWA layout received Sept 2024.
  - Existing levels based on Gwalia survey 3032-T-001. Further survey work required to determine drainage discharge points, and potentially further utility information to avoid any clashes in Bute Terrace. Approval from asset owners required for proposed discharge points.
  - Drawing to be read in conjunction with all relevant architect's engineer's and specialist drawings.
  - Any discrepancies noted on site are to be reported to the engineer immediately.
  - All drainage to be constructed in line with Building Regulations Part H, Sewers for Adoption 7th Edition & SAB requirements.
  - The specification in all respects shall be in accordance with the current Cardiff council specification.
  - MH covers and frames to conform to BSEN124, all covers to be D400.
  - Inspection chamber access to be restricted to 350Ø when depth to invert exceeds 1.2m.
  - Levels are approximate and subject to detailed level design.
  - S278 works have not been allowed for on this layout.
  - RWP locations are approximate and subject to further architectural coordination.
  - Based on Flows & Loads 4, peak foul flows calculated as 10.9 l/s, with an average flow of 1.8 l/s. Connection and acceptance of flows subject to DCWW approval. Foul drainage subject to further design one building foul design received from M&E consultants.
  - Existing 2 year return period discharge rate calculated at 22.2l/s, and proposed discharge rate of 15.5 l/s providing 30% betterment.
  - Surface water attenuation sized for all storm periods up to and including 100 years + 40% allowance for climate change.
  - Root space requirement for SuDS tree pits subject to Cardiff Council approval.

P1	11/09/24	Preliminary issue	MS	EH
Rev	Date	Description	By Apvd	

PROJECT:  
HARLECH COURT

TITLE:  
DRAINAGE LAYOUT

CLIENT:  
HARLECH COURT LTD

SCALE@A1:  
1:200

PROJECT REF:  
24182  
DRAWING No:  
JUBB-XX-XX-DR-C-0500  
REV:  
P01

Revision Referencing  
P = Preliminary A = Approval T = Tender C = Construction

