



walls adjacent root areas to be refined in consultation with Agricultural Consultant

Existing DCWW combined water sewer to be diverted in to proposed carriageway under a S.185 Agreement

Proposed SuDS Basin Design to be confirmed following the results of infiltration testing. Basins will either be infiltration type, detention basins with restricted discharge to downstream SuDS network, or a combination of both.

Mine shaft exclusion zones

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Treated storm water flows to discharge to existing drain/watercourse

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Low-lying area to be utilised for bioretention prior to discharge to the Nant y Wenallt watercourse

Assumed route of culverted watercourse (Nant y Wenallt). Exact location to be determined.

- Notes:
- The information provided on this drawing is preliminary and intended for planning purposes only. NOT FOR CONSTRUCTION.
  - Finished carriageway levels within 'shared surface' areas shall be 100mm above the contour levels indicated. Kerb upstand to shared surface areas shall generally be 25mm.
  - Proposed SuDS basins are shown indicatively and are subject to detailed design following infiltration testing.
  - Permeable paving/asphalt shall be used within domestic driveways and parking areas. Infiltration will be utilised where rates are suitable. Should infiltration rates not be sufficient then attenuation storage can be provided within the tanked, permeable sub-base, with discharge restricted via flow control.
  - The route of the existing combined sewer is based upon information provided on DCWW's sewer records. The exact route of the existing sewer will need to be determined, and any diversionary Works agreed with DCWW.
  - Rain gardens and bioretention areas to be provided where suitable.

KEY

22.90	Proposed Ground Level
---	Masonry Retaining Wall (Height Indicated)
---	Exposed Facing Brickwork (Height Indicated)
1 in 2.5 max	Embankment
94.600	Finished Floor Level
	Steps (No. Indicated)
---	Existing Culverted Watercourse (shown indicatively)
---	Existing DCWW combined sewer
---	Sewer to be diverted and abandoned
---	Proposed Foul Water Sewer
---	Proposed Storm Water Sewer/Highway Drain/SuDS Sewer
---	Proposed Highway Gully and Connection
---	Permeable Parking Bays & Driveways
---	SuDS Infiltration Basin/Retention Basin
---	Agricultural Root Protection Area

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rev	date	description	by	status
A	May 2023	Site layout updated. Engineering revised to suit. Sketch drainage layout added.	RMJ	SKETCH
B	Aug 2023	Site layout updated to suit Tree Survey. Engineering revised to suit. RMJ	RMJ	

Drawn	Checked	Date	Scale
RMJ	RMJ	April 2023	1:250

Client	Project	Title	Ref
ASD Build Limited	Moss Place, Abernant	Sketch Engineering Layout - 1: 250 - 1 of 4	2696-505-1

