

Proposed Offline Attenuation Basin
Top Basin min level : 46.900m AOD
Invert Level : 45.100m AOD
Freeboard Level : 46.600m AOD
Side Slopes 1:3
Approx Volume 1224m³ at max 1.5m water depth.

Proposed Hydrobrake control chamber restricting flows to 6l/s.
Invert Level : 45.044m AOD
Design Head : 0.95m
Unit reference: CTL-SHE-0116-6000-0950-6000.
Max discharge at 1.5m water depth = 7.4l/s (QBar)

DO NOT SCALE this drawing. Use figured dimensions only.
The Contractor must check & verify all dimensions on site.
Any discrepancies must be reported immediately to the Engineer for clarification before proceeding.
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
Refer to the relevant Construction (Design and Management) documentation where applicable.
It is assumed that all works on this drawing will be carried out by a competent contractor, working where appropriate to an approved method statement.

- Notes:
- Scale for planning purposes only.
 - All adoptable drainage shall be in accordance with Sewerage & Drainage Regulations 2015.
 - All private drainage shall be in accordance with BS5533 and relevant sections of approved Document H of the building regulations.
 - The Contractor is to check the level of existing sewers being used as outfalls or crossing proposed drainage runs prior to laying any pipes. Any discrepancies are to be reported to the Engineer.
 - All connections for private drainage shall be 100mm unless noted otherwise. All connections where laid shall be plugged, protected as necessary and marked with a stake for future use.
 - For private drains where cover to pipes is less than 100mm in vehicular areas or 400mm in other areas protection in the form of Type 'C' bedding shall be used.
 - Where pipes pass through screen walls, footings or retaining walls limits are to be provided over. Under buildings pipes shall be surrounded with 150mm thickness of granular material. Where drains pass within 1m of buildings the wall foundation shall be taken down below the level of the pipe.
 - All gullies and rainwater downpipes connected directly to drains are to be notifiable.
 - All drainage shall be laid upstream and each run between manholes shall be laid complete prior to backfilling. Where this is not practical this shall be done in other means of confirming the line and level of services shall be carried out prior to works commencing.
 10. Lateral drainage to be laid at a minimum gradient of 1 in 40 in accordance with BS5533.
 11. All gullies to be trapped.

- Key:
- Site Boundary
 - Major Contour (0.50m)
 - Minor Contour (0.10m)
 - Plot Finished Floor Level
 - Garage Finished Floor Level
 - Centreline
 - Existing Wessex Water Foul Water Sewer
 - Existing Wessex Water - Water Main
 - Foul Water Sewer (S104 Adoptable)
 - Surface Water Manhole (S104 Adoptable)
 - Surface Water Sewer (S104 Adoptable)
 - Hydrobrake (S104 Adoptable)
 - Headwall
 - Highway Gully and Connection
 - Concrete Protection (Pipe)
 - Easement

Redcliffe Homes Ltd

Project
Melksham Road, Holt

Title
Drainage Layout
Sheet 1 of 2

Drawing Status
PLANNING

Drawn	Checked	Approved	Date	Scale @ A0
AM	NT	NT	AUG 2025	1:250

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