

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**
- This drawing is to be read in conjunction with all other relevant drawings.
 - Do not scale from this drawing. Use figured dimensions only. All dimensions are in metres.
 - All adoptable highway works shall be carried out in accordance with the specific requirements of the relevant County Council and the general requirements of the Highway Works Regulations 1991, Volume 1 of the Highway Agency's Manual of Contract Documents for Highway Works and any amendments thereto current at the time of tender issue date.
 - All the above requirements shall apply unless otherwise stated in the general engineering design information, in the event of a contradiction the contract documents shall prevail.
 - The contractor is to check and verify all site dimensions and levels, including existing sewer levels and utilities, prior to start on site.
 - Positions of existing underground utilities adjacent to or crossing proposed excavations are to be confirmed prior to start on site.
 - This drawing is to be read in conjunction with and checked against all engineering details, specifications, geotechnical and other relevant documentation provided.
 - Where areas adjacent to highways or drainage are proposed, road barriers (type to be approved) are required to prevent structural damage.
 - Any anomaly or contradiction between any of the above is to be reported immediately.
 - The contractor is to comply in all aspects with the current British standards, building regulations and building legislation etc.

- Key:**
- Site Boundary
 - Major Contour (0.50m)
 - Minor Contour (0.10m)
 - Plot Finished Floor Level
 - Garage Finished Floor Level
 - Centreline
 - Junction Visibility Splay (x and y distances denoted)
 - Forward Visibility Splay (y distances denoted)
 - Part 'M' Access
 - Proposed Spot Level
 - Underbuild (Depth below DPC as indicated)
 - Additional Double DPC or Tanking as Indicated.
 - Retaining Wall (Height annotated)
 - Gravel Board - Max height 300mm
 - Step(s) - Number of, or Threshold, as Indicated
 - Slope and Gradient
 - Embankment (Max 1:2)
 - Services Corridor (Utilities)
 - Existing Wessex Water Foul Water Sewer
 - Existing Wessex Water - Water Main
 - Foul Water Sewer (S104 Adoptable)
 - Foul Water Manhole (S104 Adoptable)
 - Surface Water Sewer (S104 Adoptable)
 - Surface Water Manhole (S104 Adoptable)
 - Hydrobrake (S104 Adoptable)
 - Headwall
 - Highway Gully and Connection
 - Concrete Protection (Pipe)
 - Easement
 - Proposed 5m column with post top mounted Urbis Axis 3.1, 8 LED Oslen Square Giant 540mA WW 3000K Flat Glass Grey Lantern, Optic 52673 (Non CLO 15W), UMSUG Code 42 0015 0000 100, mounted at 0' tilt. (Colour Grey)
 - Proposed 5m column with post top mounted Urbis Axis 3.1, 8 LED Oslen Square Giant 270mA WW 3000K Flat Glass Black Lantern, Optic 52663 (Non CLO 7W, 1.13km), UMSUG Code 42 0007 0000 100, mounted at 0' tilt. (Colour Black)
 - Proposed 5m column with post top mounted Urbis Axis 3.1, 8 LED Oslen Square Giant 270mA WW 3000K Flat Glass Black Lantern, Optic 52663 (Non CLO 7W, 1.13km), UMSUG Code 42 0007 0000 100, mounted at 0' tilt. (Colour Black)
 - Lantern to have a factory fitted REAR COWL.

Redcliffe Homes Ltd

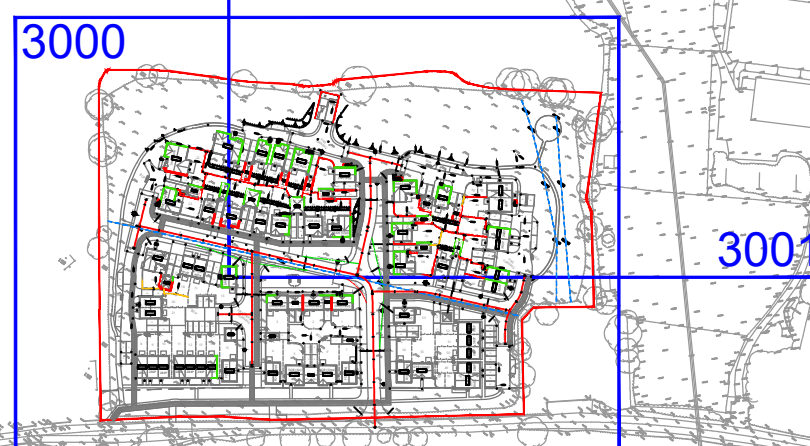
Melksham Road, Holt
Engineering Layout
Sheet 1 of 2

PLANNING
Drawn: AM, NT, Approved: NT, Date: AUG 2025, Scale: @ A0
Project No: 138078, Drawing No: 138078-MCS-XX-DR-C-3000, Revision: P02

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SCALE 1 : 250



Key Plan