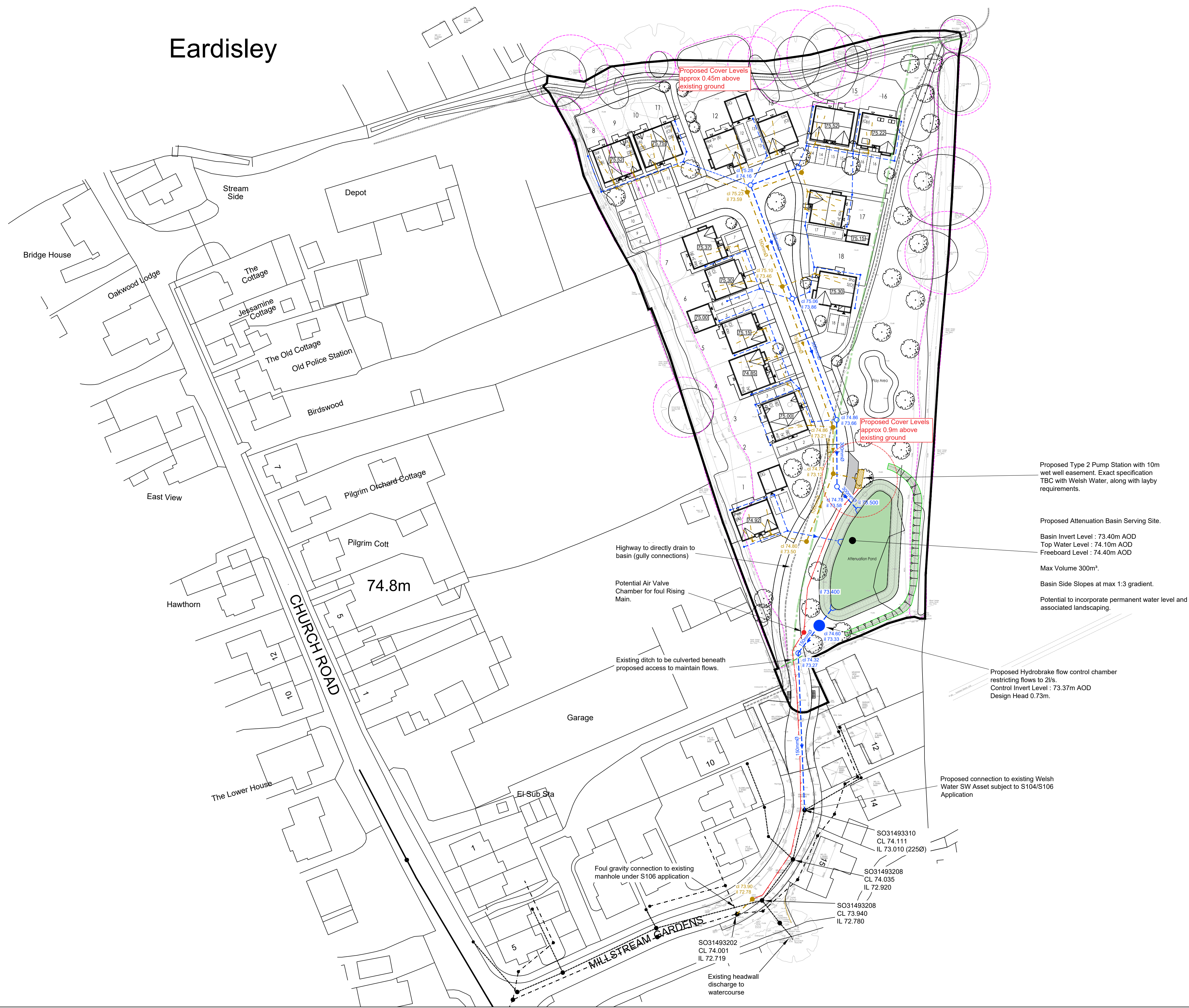


Eardisley



- Notes:**
- Scale for planning purposes only.
 - All adoptable drainage shall be in accordance with Sewers for Adoption 7th Edition and statutory undertakers requirements
 - All private drainage shall be in accordance with BS8301 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 when 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 900mm in vehicular areas or 600mm in other areas protection in the form of Type "Z" bedding shall be used.
 - Where pipes pass through screen walls, footings or retaining walls lintels 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 invert of the pipe.
 - All gullies and rainwater downpipes connected directly to drains are to be roddable.
 - All drainage shall be laid upstream and each run between manholes shall be laid complete prior to backfilling. Where this is not practical trial holes or other means of identifying the line and level of services shall be carried out prior to works commencing.
 - Internal drainage to be laid at a minimum gradient of 1 in 40 in accordance with BS830
 - All gullies to be trapped.

Key:

- Redline Boundary
- 43.00 Contour Major (0.5m)
- Contour Minor (0.1m)
- Foul Water Sewer
- Foul Water Manhole
- Foul Water Rising Main
- Surface Water Sewer
- Surface Water Manhole
- Headwall
- Highway Gully and Connection
- Easement

Existing:

- Public (DCWW) Foul Water Sewer
- Public (DCWW) Surface Water Sewer
- Public Right of Way (PROW)

Proposed Type 2 Pump Station with 10m wet well easement. Exact specification TBC with Welsh Water, along with layby requirements.

Proposed Attenuation Basin Serving Site.

Basin Invert Level : 73.40m AOD
Top Water Level : 74.10m AOD
Freeboard Level : 74.40m AOD

Max Volume 300m³.

Basin Side Slopes at max 1:3 gradient.

Potential to incorporate permanent water level and associated landscaping.

Proposed Hydrobrake flow control chamber restricting flows to 2l/s.
Control Invert Level : 73.37m AOD
Design Head 0.73m.

Proposed connection to existing Welsh Water SW Asset subject to S104/S106 Application

Foul gravity connection to existing manhole under S106 application

Existing headwall discharge to watercourse

P2	21/03/24	Cover Leve updated to MH	RS	RS
P1	08/08/23	First Issue	SC	RS
Rev	Date	Details	By	Chkd

CLIENT: Cotswold Oak Ltd

PROJECT: Millstream, Eardisley

TITLE: Drainage Strategy

SCALE @ A1:	DATE:	DRAWN:	CHECKED:	APPROVED:
1:500	14/11/23	SC	RS	RS

STATUS: INFORMATION

DRAWING NO:	REVISION:
22843-RAP-XX-XX-DR-C-3100	P2