SEE SHEET 25236-C-001

SHEET 001

SHEET 002

GENERAL NOTES

1. This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specifications and any structural, geotechnical or other specialist document provided.
2. Any discrepancies within all relevant drawings are to be reported to QuadConsult Ltd immediately.
3. All dimensions and levels are in metres, U.N.O..
4. Do not scale from this drawing - use figured dimensions only.
5. This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.
6. Surface water drainage subject to S104 / SAB approval where appropriate with the relevant authority.
7. Foul Drainage subject to S104 approval with relevant water authority.
8. All private drainage to be installed in accordance with Part H of building regulations and the developers warranty provider.
9. The contractor is at risk if construction is progressed without relevant S104, S106, S278, S38, OWC etc agreement being in place with the relevant authorities.

LEGEND

- PROPOSED BIORETENTION
- BASIN
- PERVIOUS PAVING
- NON-PERVIOUS PAVING
- PROPOSED ADOPTABLE SW SEWER
- GULLY CATHPIT
- SWALE
- TENNIS COURTS
- BOWLING GREEN

DETENTION BASIN
TOP AREA:3680.459m²
BASE AREA:1650m²
DEPTH:2.000m
TREATMENT FACTOR OF 5 (LINED FOREBAY)
PROVIDING: 8250m² OF TREATMENT

Pedestrian/Cycle Connection

Ramp Access

15m standoff from air valve air expulsion

Air Valve Chamber PS4 - A1 CL- 6.15 IL- 5.20

Air Valve Chamber PS5 - B2 CL- 6.30 IL- 5.19

Headwall 01 IL- 4.950m

Headwall 02 IL- 4.900m

Headwall 03 IL- 3.860m

ExF23 (1200Ø) CL 6.94 IL 2.500

ExF21 (1200Ø) CL 6.79 IL -0.425

ExF35 (1200Ø) CL 6.50 IL -0.270

ExF34 (1200Ø) CL 6.50 IL 0.000

Pipe Ex1.008 3.00m 1:213 / 16.0m Concrete

Pipe Ex1.007 2250 1:493 / 39.6m Concrete

Pipe Ex6.010 2250 1:500 / 45.5m Clay

Pipe Ex6.009 2250 1:500 / 30.8m Clay

Pipe Ex6.008 2250 1:500 / 45.5m Clay

Pipe Ex9.006 1:500 / 1.5 / 155.0m Clay

Pipe Ex9.005 1:500 / 1.5 / 155.0m Clay

SZ CL: 6.100m DEPTH:1.763m IL: 4.337m

EXPOSED PIPES

CONCRETE

TENNIS COURTS

BOWLING GREEN

Rev	Date	Description	By
A	17.09.25	RAMP ACCESS PROVIDED TO BASIN	RWP
0	07.08.25	FIRST ISSUE	JLZ

Dimensions to be verified on site.
This drawing should not be scaled. Use figured dimensions only
Any discrepancies should be referred to the Engineer prior to work being put in hand.
This drawing is copyright.

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QuadConsult ENGINEERS IN PARTNERSHIP
Consulting Civil & Structural Engineers
Offices in Cardiff, Gloucester and Llandybïe

Client: miller homes — the place to be

Project: LLANWERN LEISURE HUB

Title: GENERAL ARRANGEMENT 2 OF 2

Drawing Status: PRELIMINARY

Designed by	Drawn by	Checked by	Date	Scales @ A1 size
JLZ	JLZ	ACV	04/08/25	1:250

Drawing No: 25236-C-002-A

File name: 25236-C-002-General Arrangement 2 of 2-5.dwg

1:250 0 5m 10m 15m 20m 25m

1:1 0 10 20 30 40 50 60 70 80 90 100