CONTINUED ON PELL FRISCHMANN DESIGN DRAWING 100032-PEF-104-XX-DR-C-0500

IL:106.700
Depth:2.500m

6000 @ 1:143
1.027

6000 @ 1:200

SW37
CL:107.800
IL:106.450
Depth:1.350m

HW01
PCC Headwall
Athlon H10C or equivalent
approved
CL 107.35
IL 106.425

6000 @ 1:69

SW65
Vortex Flow Control Chamber
Restricted to 9.9l/s
30000
CL 108.00
IL 106.10

HW03
PCC Headwall
Athlon H10C or equivalent
approved
CL 107.35
IL 106.20

Proposed wetland to act as attenuation for site wide development - cross refer to Pell Frischmann design drawing 100032-PEF-104-XX-DR-C-0505 for further details.

4500 @ 1:100

SW63
CL:107.800
IL:106.500
Depth:1.300m

HW02
PCC Headwall
Athlon H7C or equivalent
approved
CL 107.40
IL 106.425

5.000
450 @ 1:500

1500 @ 1:20
1.027

FW53
CL:105.835
IL:103.220
Depth:2.615m

1.029
150 @ 1:11

FW54
CL:105.820
IL:102.420
Depth:3.400m

150 @ 1:148
1.029

S104 connection to existing foul water sewer constructed as part of Phase 1 works.

Connection to existing Phase 1 Foul Water Manhole
Ex F15 (Phase 1)
CL 105.365
IL 102.332

Existing attenuation basin serving Phase 1 development

81 @ 1:201

S104 connection to existing surface water sewer constructed as part of Phase 1 works.

SW66
CL 102.500
IL 100.905 (Proposed 150)
IL 100.830 *(Existing 225)*

General Notes

1. Do not scale this drawing.
2. Any dimensional discrepancies should be notified to the engineer immediately.
3. All dimensions are in millimetres - (mm) all levels are in metres - (m) and are above ordnance datum at Newlyn, Cornwall unless noted otherwise.
4. North shown indicative only.
5. This drawing is to be read in conjunction with all relevant; specifications; drawings; details and other design information.
6. All drawings and written material contained within, constitute original and unpublished work of the engineer and may not be duplicated, used, reproduced or disclosed without written consent or express permission from the engineer.
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8. Where the contractor undertakes or engages a third party to undertake temporary works design, or varies the Pell Frischmann design in any way, then the contractor will take full responsibility and liability for all design aspects, including a design risk assessment. The contractor shall inform Pell Frischmann of any proposed variances to the design.
9. Any discrepancies noted on site are to be reported to the engineer immediately.
10. Until technical approval has been obtained from the relevant authority, it should be understood that all drawings issued are preliminary and **NOT** for construction.

Legend

- Proposed S104 Surface Water Network
- Proposed S104 Foul Water Network
- 5m Easement

Note that S104 layout currently shown is preliminary and will be subject to technical approval. Number of chambers/routing may need to be adjusted to suit STW's requirements.

REV	DESCRIPTION	DRN	CHK	APP	DATE
P01	Issued for Approval	DO	JN	LDH	21.02.25

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Architect/Client/Contractor

LAGAN HOMES

Project

RATBY PHASE 2
RESERVED MATTERS

Drawing Title

SECTION 104
DRAINAGE LAYOUT
SHEET 2

Drawing Status

FOR APPROVAL

	Name	Date
Drawn	D.Oladejo	Jan 2025
Designed	D.Oladejo	Jan 2025
Eng Chk	J.Nicholson	Jan 2025
Approved	L.Hulka	Jan 2025

Status Code: S4
Scale: 1:250
Revision: P01

Drawing No.

100032 - PEF - 104 - XX - DR - C - 0501

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