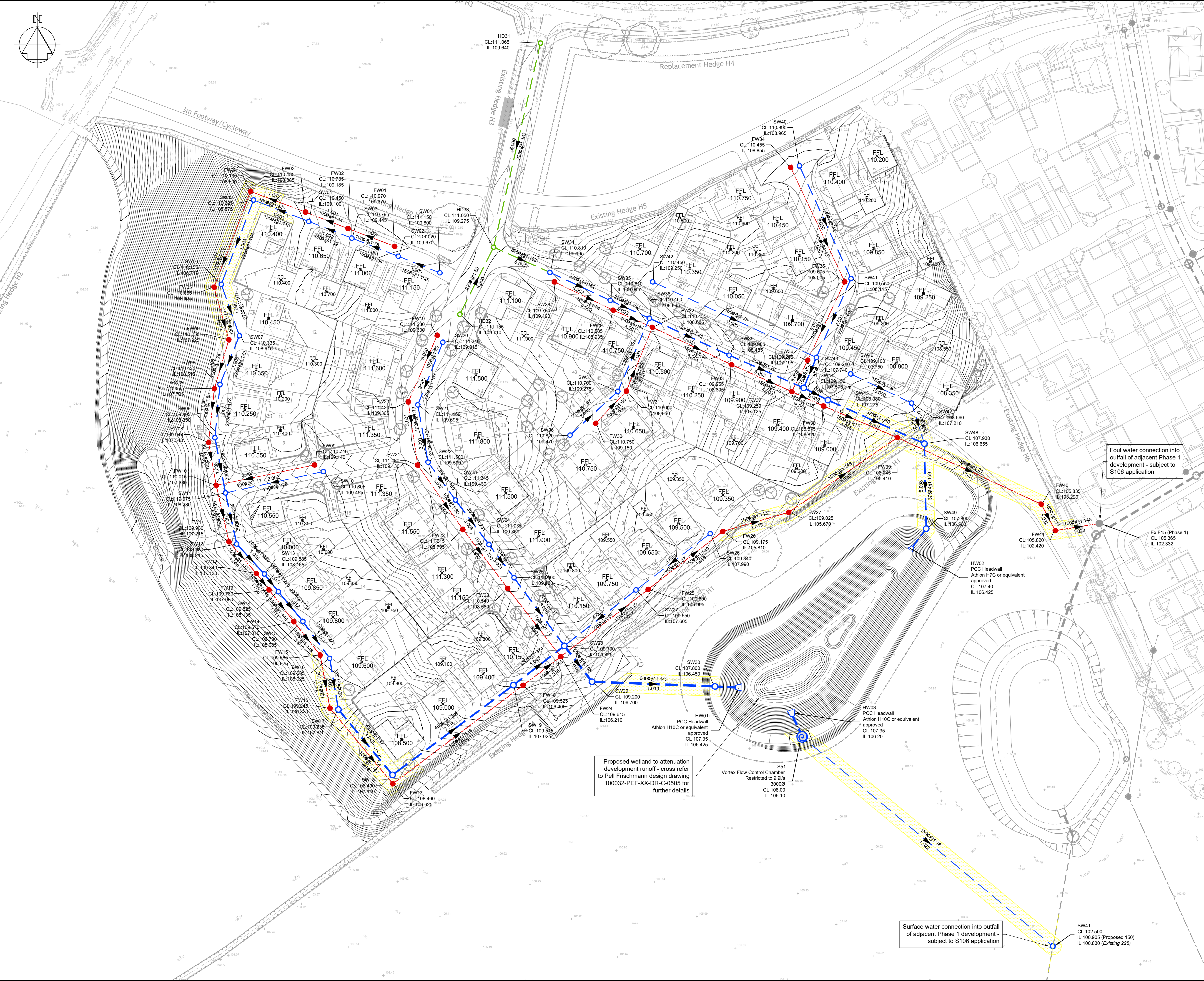




GENERAL NOTES

G1. DO NOT SCALE THIS DRAWING.

G2. ANY DIMENSIONAL DISCREPANCIES SHOULD BE NOTIFIED TO THE ENGINEER IMMEDIATELY.

G3. ALL DIMENSIONS ARE IN MILLIMETRES - (mm)
ALL LEVELS ARE IN METRES - (m) AND ARE ABOVE ORDNANCE DATUM AT NEWLYN, CORNWALL UNLESS NOTED OTHERWISE.

G4. NORTH SHOWN INDICATIVE ONLY

G5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT; SPECIFICATIONS; DRAWINGS; DETAILS AND OTHER DESIGN INFORMATION.

G6. ALL DRAWINGS AND WRITTEN MATERIAL CONTAINED WITHIN, CONSTITUTE ORIGINAL AND UNPUBLISHED WORK OF THE ENGINEER AND MAY NOT BE DUPLICATED, USED, REPRODUCED OR DISCLOSED WITHOUT WRITTEN CONSENT OR EXPRESS PERMISSION FROM THE ENGINEER.

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G8. 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.

DRAINAGE NOTES

- ALL DRAINAGE IS SUBJECT TO APPROVAL BY LEICESTERSHIRE COUNTY COUNCIL AS THE LEAD LOCAL FLOOD AUTHORITY.
- ALL ADOPTABLE DRAINAGE IS SUBJECT TO APPROVAL BY SEVERN TRENT WATER.
- ALL ATTENUATION FEATURES ARE DESIGNED IN ACCORDANCE WITH THE CIRIA SuDS MANUAL C753.
- SURFACE WATER RUNOFF TREATMENT HAS BEEN ASSESSED IN ACCORDANCE WITH THE SIMPLE INDEX APPROACH AS OUTLINED IN CIRIA SuDS MANUAL C753.
- ASSESSMENT OF REQUIRED STORAGE VOLUMES CARRIED OUT WITH SITE SPECIFIC FEH DATA.
- IMPERMEABLE AREA OF DEVELOPMENT IS CALCULATED AT 1.672ha. FOR ROBUSTNESS, A 10% URBAN CREEP FACTOR HAS BEEN ADDED AND THE ATTENUATION FEATURE TESTED AGAINST THIS.
- MAXIMUM PERMISSIBLE DISCHARGE RATE HAS BEEN CALCULATED AS EQUIVALENT GREENFIELD RATE OF 9.9l/s.
- ALL FOUL AND SURFACE WATER MANHOLES AND PIPES HAVE BEEN CALCULATED AND CHECKED USING MICRODRAINAGE.

DRAINAGE LEGEND

- PROPOSED HIGHWAY SURFACE WATER GRAVITY SEWER
- PROPOSED ADOPTABLE SURFACE WATER GRAVITY SEWER
- PROPOSED ADOPTABLE FOUL WATER GRAVITY SEWER
- PROPOSED PCC HEADWALL UNIT - REFER TO LAYOUT FOR PRODUCT SPECIFICATION
- PROPOSED FLOW CONTROL CHAMBER (HYDROBRAKE OR APPROVED EQUIVALENT)
- 5m EASEMENT

P04	PIPE RUN 7,000&7,001 TO 225mm DIAMETER	SP	LDH	LDH	21.11.24
P03	S51 CL LEVEL UPDATED	SP	LDH	LDH	02.09.24
P02	UPDATED TO SUIT REVISED MASTERPLAN	JN	LDH	LDH	29.04.24
P01	ISSUED FOR INFORMATION	SP	LDH	LDH	05.04.24
REV	DESCRIPTION	DRN	CHK	APP	DATE

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Architect/Client/Contractor

LAGAN HOMES

Project

**RATBY PHASE 2
RESERVED MATTERS**

Drawing Title

**DETAILED DRAINAGE
LAYOUT**

Drawing Status

FOR INFORMATION

	Name	Date	Status Code
Drawn	S. PAOLI	25.03.24	S2
Designed	S. PAOLI	25.03.24	Scale
Eng Chk	L. HULKA	25.03.24	Revision
Approved	L. HULKA	25.03.24	P04

Drawing No.

100032 -PEF -ZZ -XX -DR -C -0500