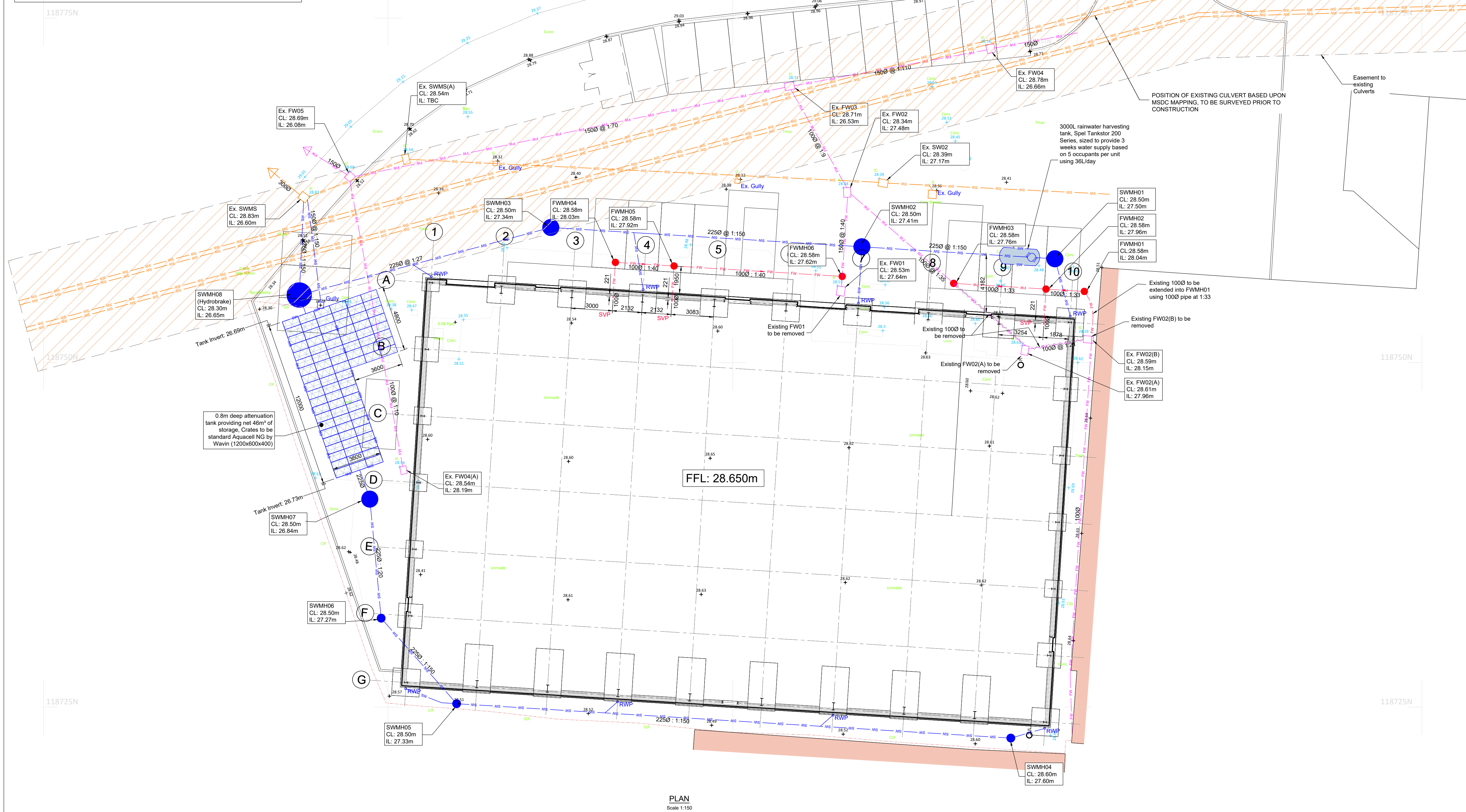


KEY

- Proposed 'clean' surface water drainage
- Proposed 'dirty' surface water drainage
- Proposed perforated surface water drainage
- Existing surface water drainage
- Proposed foul water drainage
- Existing foul water drainage
- Rain water downpipe
- Foul water pop-up



- Notes
- Do not scale off this drawing.
 - Should there be any conflict between the details indicated on this drawing and those indicated on other drawings the engineer should be informed prior to construction on site.
 - All drawings are in millimetres unless otherwise stated.
 - It is the responsibility of the contractor to execute the works at all times in strict accordance with the requirements of the health and safety at work act 1974 and cdm regulations 2015.
 - All drainage is to be constructed in accordance with the building regulations.
 - Drainage on site is considered as private, and is not subject to being adopted.
 - All manhole cover levels are approximate.
 - All rainwater downpipes to be fitted with a rodding facility located above ground level.

DRAINAGE STRATEGY SUMMARY

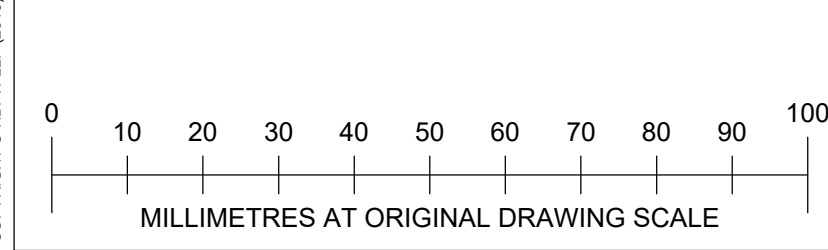
Existing Discharge Rates

- Rainfall = FEH22
- Climate Change = 0
- CV = 1
- 2 Year = 50.9 L/s
- 30 Year = 126.7 L/s
- 100 Year = 154.5 L/s

Proposed Discharge Rates

- Rainfall = FEH22
- Climate Change = 45%
- CV = 1
- 2 Year = 40.7 L/s
- 30 Year = 99.9 L/s
- 100 Year = 123.4 L/s

a proposed betterment of 20% has been made on the existing discharge rates across all storm events for the development.



PRELIMINARY

P2	FW POP UPS ALTERED	NH	EP	EP	15.09.25
P1	FIRST ISSUE	EP	PM	EP	10.09.25
REV	DESCRIPTION	BY	CHK	APP	DATE

REVISION TABLE

HBPW CONSULTING ENGINEERS

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CLIENT: NATIONWIDE ENGINEERING

HBPW PROJECT NUMBER: SL085556

PROJECT: UNIT A, CONSORT WAY
BURGESS HILL

DRAWING: DRAINAGE LAYOUT

PROJECT ENGINEER: E. PARRY	DRAWN: E. PARRY			
CHECKED: P. MONAGHAN	APPROVED: E. PARRY			
DATE: 10.09.2025	SCALE: AS SHOWN	SIZE: A1	SUITABILITY: S3	REVISION: P02

DOCUMENT REFERENCE NUMBER: SL085556-HBPW-00-ZZ-D-C-05000