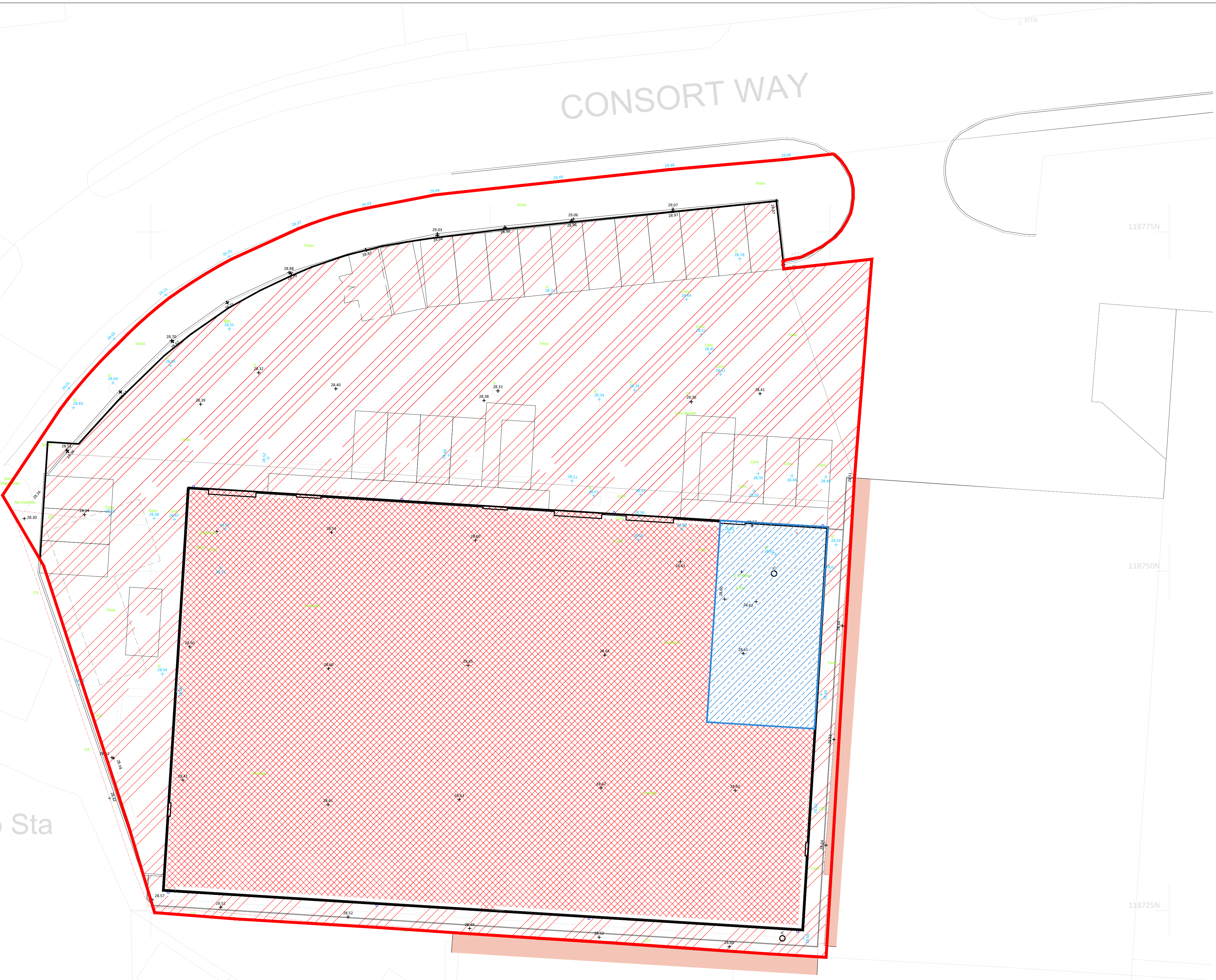
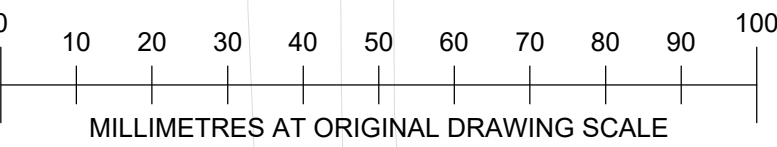


Proposed Impermeable Areas:

- Site Boundary
Total Site Area = 3001m²
- Hardstanding Areas/ Private Yard
Total Area = 1367m²
- Building Roof Area (not for rainwater harvesting)
Total Area = 1288m²
- Building Roof Area Used for Rain Water Harvesting
Total Area = 119m²
- Total Impermeable Area = 2774m²



PLAN
Scale 1:150



- 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.

CONSTRUCTION

C1	CONSTRUCTION ISSUE	EP	NH	EP	01.10.25
P1	FIRST ISSUE	EP	PM	EP	16.09.25
REV	DESCRIPTION	BY	CHK	APP	DATE

REVISION TABLE

HBPW
CONSULTING ENGINEERS

43 BRIDGEGATE
RETFORD
NOTTINGHAMSHIRE
DN22 7UX
TEL: (01777) 869896
www.hbpw.co.uk

CLIENT: **NATIONWIDE
ENGINEERING**

HBPW PROJECT NUMBER:
SL08556

PROJECT:
**UNIT A, CONSORT WAY
BURGESS HILL**

DRAWING:
Proposed Impermeable Areas Plan

PROJECT ENGINEER: E. PARRY		DRAWN: N. HARDY		
CHECKED: P. MONAGHAN		APPROVED: E. PARRY		
DATE: 16.09.2025	SCALE: AS SHOWN	SIZE: A1	SUITABILITY: S3	REVISION: C01
DOCUMENT REFERENCE NUMBER: SL08556-HBPW-00-ZZ-D-C-05002				