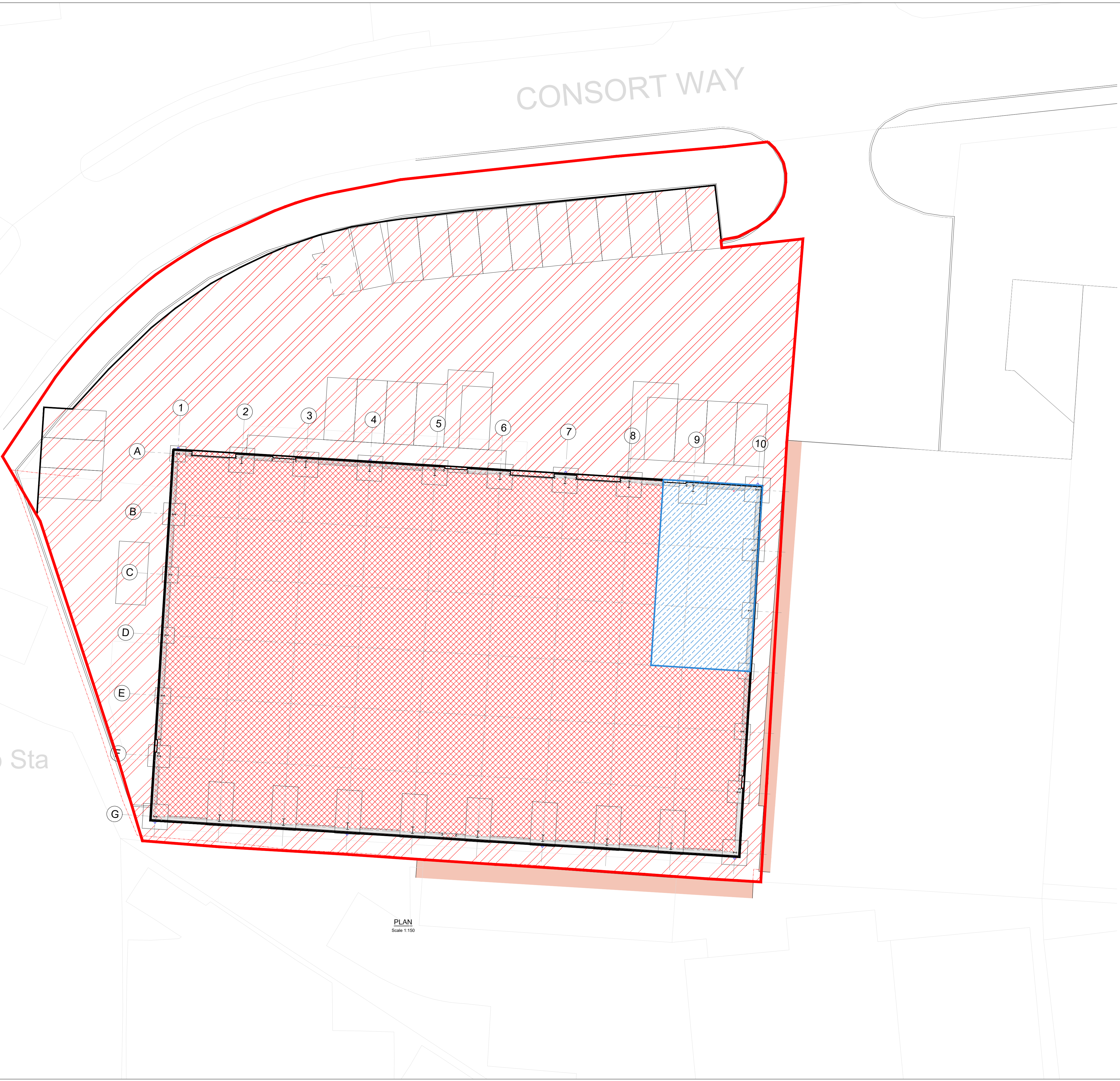


Proposed Impermeable Areas:

- 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



- 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

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: P01
DOCUMENT REFERENCE NUMBER: SL08556-HBPW-00-ZZ-D-C-05002				