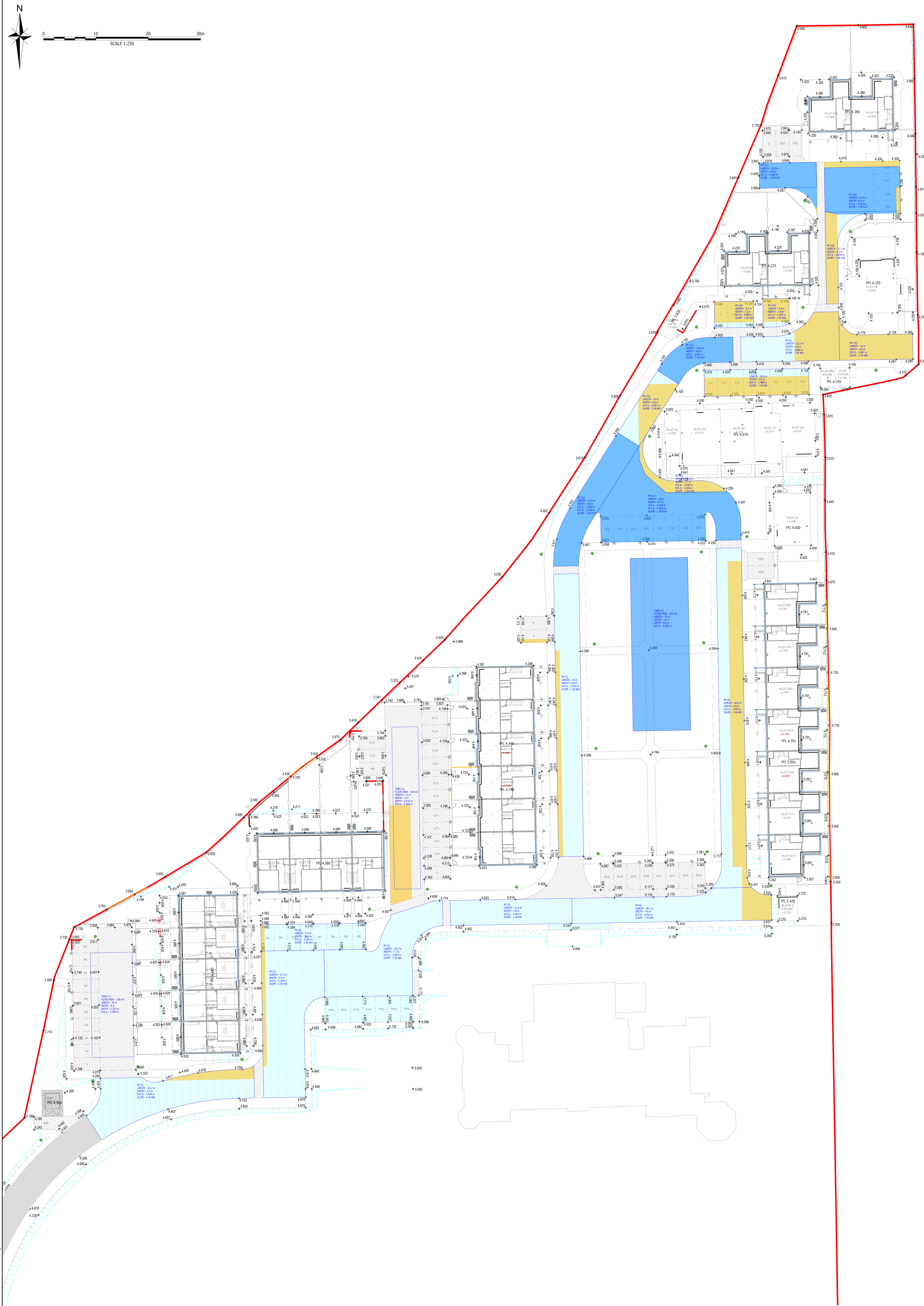




NOTES

- THIS DRAWING IS TO BE READ WITH INFORMATION MODEL PRINTOUT 25-043 Sea Road, Rustington, SW System, Rev A, DATED 05.08.2025.
- ALL DIMENSIONS ARE SHOWN IN METRES UNLESS STATED OTHERWISE.
- FACTOR OF SAFETY (FOS) APPLIED TO BASE INFILTRATION, FOS = 1.5 - AS PER TABLE 25.2 OF CHA/CTS. CONSEQUENCE OF FAILURE TAKEN AS NO DAMAGE OR INCONVENIENCE FOR THE BELOW REASONS:
 - DESIGN IS SUPPORTED BY A FULL BREX36 TESTING UNDERPANEL SPECIFICALLY WHERE THE PROPOSED INFILTRATION FEATURES WOULD BE LOCATED. FURTHERMORE, ONLY THE LOWEST INFILTRATION RATES WERE APPLIED - AS PER ARUN DC COMMENTS. UNCERTAINTY OF INFILTRATION RATES IS THEREFORE ENTIRELY MITIGATED.
 - SPILL POINTS FOR THE SW DRAINAGE SYSTEM ARE LOCATED AT THE EDGE OF PARKING SPACES (NAMESLY A4 AND C10) THEREFORE THE RISK OF ACCESS ROAD FLOODING IS MITIGATED. PLEASE NOTE THAT ANY WATER ESCAPING SW DRAINAGE SYSTEM AND THEN FLOWING OFF SITE (I.E. WATER POTENTIALLY OVERFLOWING THE SW SYSTEM DURING A STORM EVENT EXCEEDING THE 1 IN 100 + 45% DESIGN STANDARD) WOULD BE NATURALLY DIRECTED TOWARDS THE BEATING LAKE AREA THAT IS IMMEDIATELY ADJACENT TO THE SITE AT ITS WESTERN BOUNDARY - THEREFORE POSING NO RISK TO DWELLINGS ON OR OFF THE SITE.

KEY:

- SITE BOUNDARY
- OUTLINE OF THE HYDRAULIC MODEL FEATURES
- EXTENT OF HYDRAULIC MODEL FEATURES THAT SUPPORT INFILTRATION
- EXTENT OF IMPERMEABLE LINER
- EXTENT OF PERMEABLE PAVING
- EXTENT OF IMPERMEABLE PAVING / SERVICE CORRIDORS

FOR CONSTRUCTION
SUBJECT TO TECHNICAL
APPROVAL

EXTENT OF IMPERMEABLE LINER ADJUSTED FOLLOWING:				
B	ARUN DC COMMENTS	AK	BO	10.08.25
TAKES 1, 2 AND 3 UPDATED FOLLOWING FURTHER:				
A	HYDRAULIC MODELLING NOTE 3 ADDED	AK	BO	05.08.25
Rev	Amendments	Dm	Chd	App

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Job Title: **SEA ROAD
RUSTINGTON, WEST SUSSEX**

Drawing Title: **HYDRAULIC MODEL DATA**

Client: **MACAR HOMES (RUSTINGTON) LTD**

Scale: 1:250 @A0	Date: MAY 25	Designed: AK
Drawn: AK	Checked: BAC	Approved: BAC
Job No: 25-043	Drawing No: 25-043-151	Rev: B

P:05-043 - Rustington - Arun Drainage\Tech\Aard\Drawings\05-043-151 Hydraulic Model Data.dwg