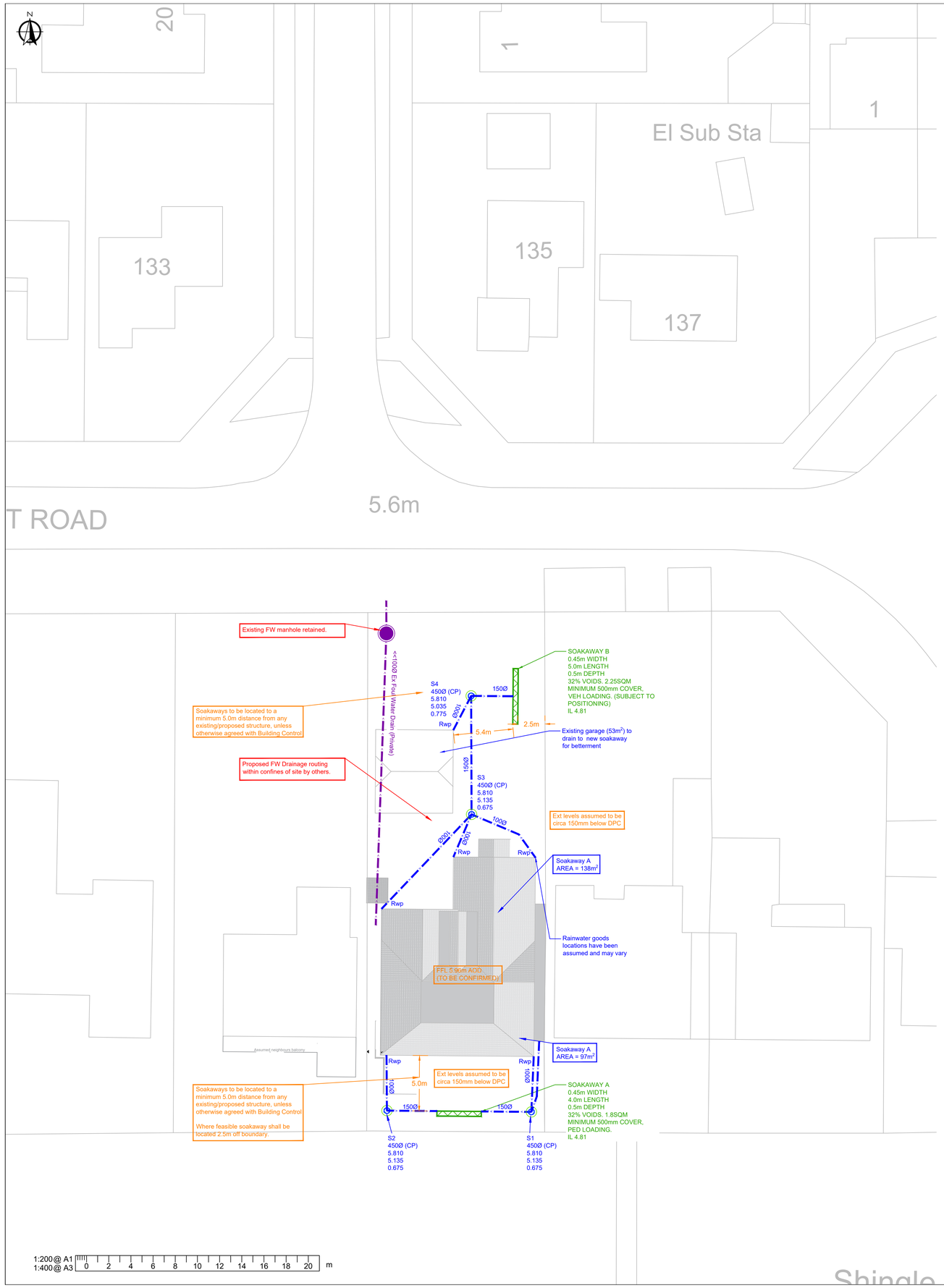

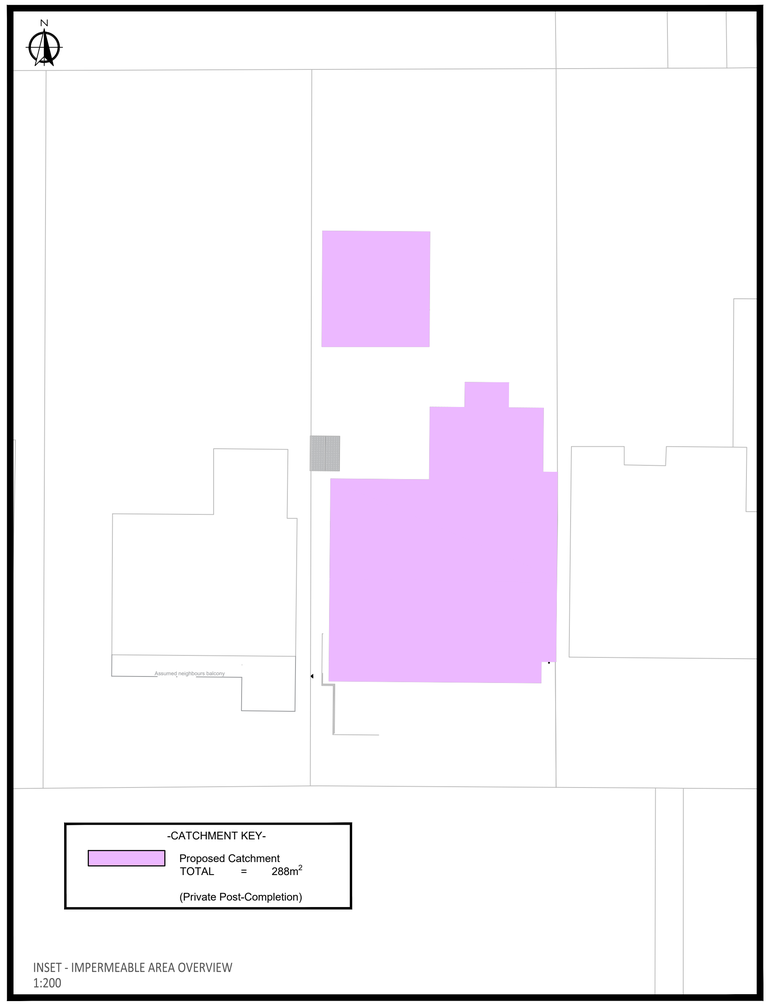

INSET - IMPERMEABLE AREA OVERVIEW
1:200

EXTERNAL PAVEMENT DESIGN BY OTHERS

EXTERNAL LEVEL DESIGN BY OTHERS

FOUL DRAINAGE BY OTHERS

ARCHITECT TO CONFIRM ALL SURFACE WATER CONNECTIONS

-DRAINAGE KEY-

- Ex F — Existing Foul Water Drain/Sewer
- S — Storm Water (Private Drain/Public Sewer)
- Proposed Trench Soakaway (32% Voids) TOTAL = (Refer to Plan)

-SURFACE WATER DRAINAGE-

- Surface water disposal should be managed in view of the SuDS hierarchy;
  1. Infiltration
  2. Watercourse
  3. Public Surface Water Sewer(s)
- The client has undertaken infiltration testing (3 times) which has concluded infiltration methods are viable in the north of the site. Noting the high rates observed a safety factor of 2.5 has been applied.
- Groundwater was not observed during the test and it is understood that a borehole 2 properties adjacent confirmed groundwater to be 5.0m deep at spring high tide.
- In view of the above, it is proposed that the site can be drained to ground.
- Attenuation will be provided by site in the form of traditional granular trench soakaway storage.
- Hydraulic calculations adhere to the following criteria;
  - a 1-in-30 year storm event, no flooding
  - a 1-in-100 year storm event, with an allowance of 40% for climate change, minor flooding to hard surfaces.

NOTES

A1

1. This drawing is to be read in conjunction with all other Bright Plan Civils drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
2. Bright Plan Civils accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
3. Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain.

FOR APPROVAL

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Rev.	Amendments	Date
A	Annotation updated	18/11/2021
-	Original Issue	10/11/2021

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Drawing Status: FOR APPROVAL

Client: Mrs Kim Matthews

Project: 110 Old Fort Road, Shoreham-by-sea BN43 5HB

Drawing Title: Proposed Drainage Strategy Preliminary SW Design

Scale	Date	Drawn By	Checked By
1:200	10/11/21	MJA	MJA

Drawing No.: D2028-PL300

Rev.: A