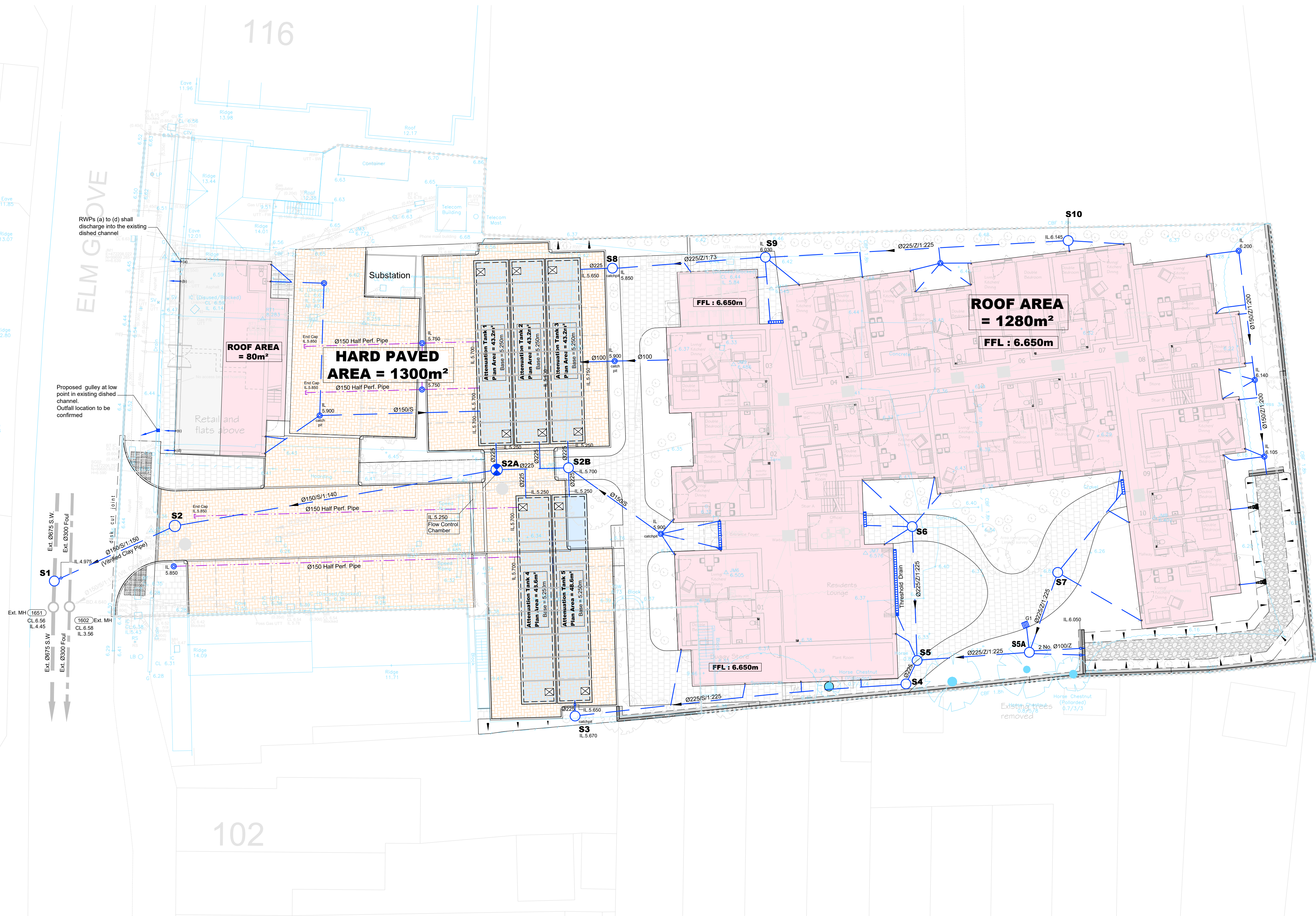
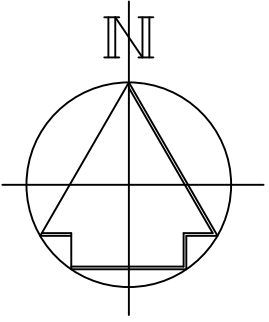




NOTES

- This drawing to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
- Summary of Proposed Catchment Areas :

Roadways, Car Parking, Footpaths and Hard Landscaping	: 1300m ²
Roofs (1280m ² + 80m ²)	: 1360m ²
Soft Landscaped Areas, or drains to Soft Landscaped Area	: 1086m ²
TOTAL	: 3746m²
- Estimated Greenfield Flows from the site :

Return Period (Years)	Peak Outflow (Q) (l/s)
1	0.89
Q bar	1.05
30	2.41
100	3.34
200	3.92
- Proposed Attenuated Flow from the site :

Return Period (1x Years)	Peak Outflow (Q) (l/s)
100 + 40%	4.9

Maximum water elevation for 1:100 year + 40% storm event = 5.891m
- The attenuation / control device shall be by Marley Flowloc, incorporating a Ø55mm removable, orifice plate flow control unit.

P3	CHAMBER S2A SET AT IL.5.250m.	-	PF-26-01-23
P2	RETAL UNIT FFL SHOWN AT 6.450m.	-	PF-14-02-22
REV	DESCRIPTION	CHECKED	DATE

Archibald Shaw 

Consulting Civil & Structural Engineers
One Little London Chichester West Sussex PO19 1PP
Telephone: 01243 786471 www.archibaldshaw.co.uk

CLIENT
Hamlet Homes

PROJECT
Elm Grove

Hayling Island
Surface Water Management

DRAWN BY PF	CHECKED BY VC	DESIGNED BY VC
SCALE @ A1 1:200	@ DATE Dec. 2019	STATUS Planning
JOB NO. 30666	DRAWING NO. SW.01	REVISION P3