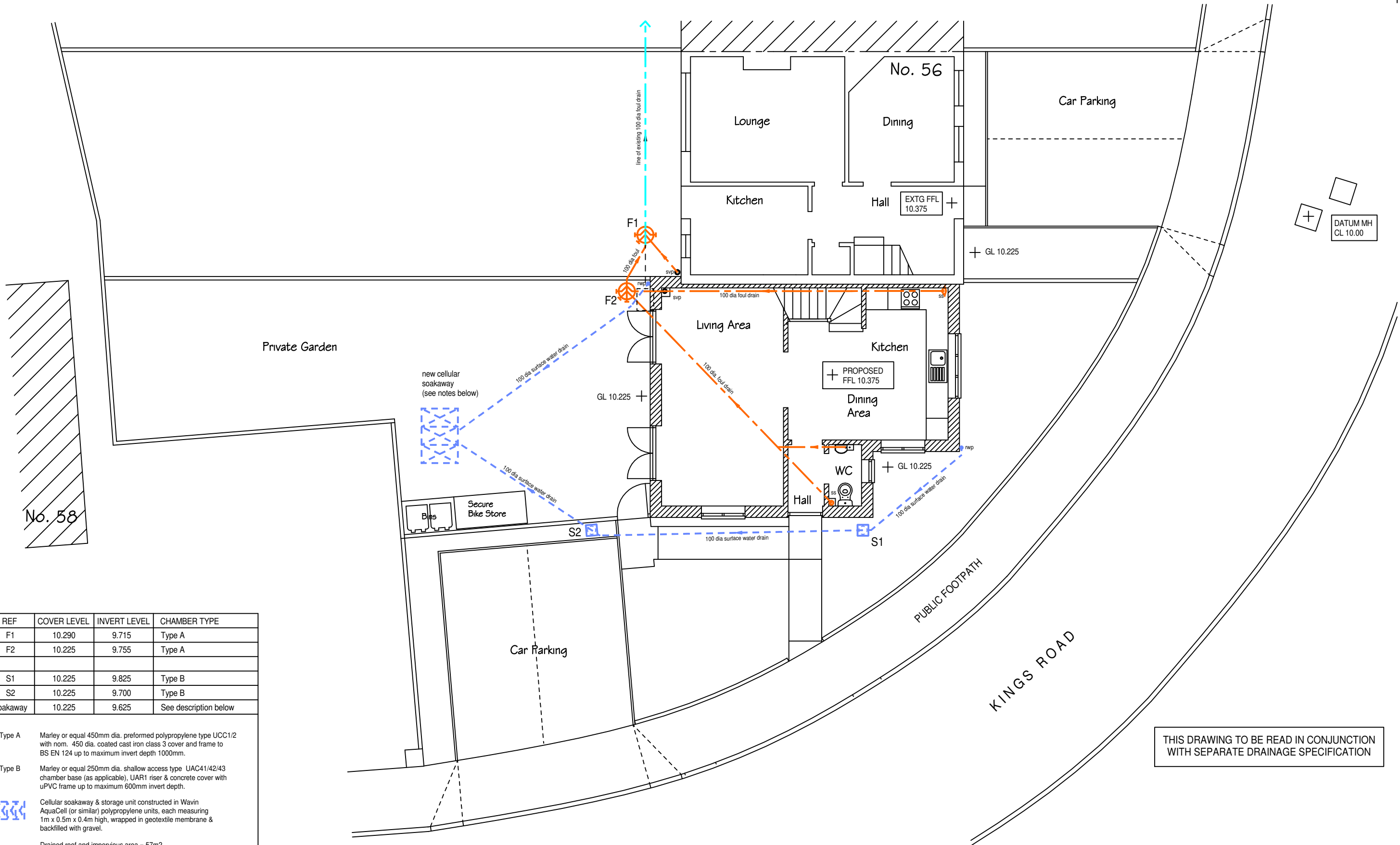




REF	COVER LEVEL	INVERT LEVEL	CHAMBER TYPE
F1	10.290	9.715	Type A
F2	10.225	9.755	Type A
S1	10.225	9.825	Type B
S2	10.225	9.700	Type B
Soakaway	10.225	9.625	See description below

Type A Marley or equal 450mm dia. preformed polypropylene type UCC1/2 with nom. 450 dia. coated cast iron class 3 cover and frame to BS EN 124 up to maximum invert depth 1000mm.

Type B Marley or equal 250mm dia. shallow access type UAC41/42/43 chamber base (as applicable), UAR1 riser & concrete cover with uPVC frame up to maximum 600mm invert depth.

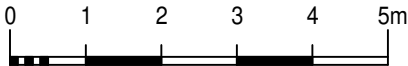
 Cellular soakaway & storage unit constructed in Wavin AquaCell (or similar) polypropylene units, each measuring 1m x 0.5m x 0.4m high, wrapped in geotextile membrane & backfilled with gravel.

Drained roof and impervious area = 57m²
Minimum soakaway capacity = 57 x (50/3000) = 0.95m³

Preliminary sizing to be 3x1 units on plan stacked 2 units high (1.5m x 1m x 1m deep) to provide 1140 litres capacity (6 No. x 190 litres) or 1.5m² x 0.95 = 1.43 cubic metres.

Final size to be agreed on site with the Building Inspector taking into consideration that this soakaway provides overflow only to rainwater harvesting tank and subject to actual ground conditions and to be determined by percolation test carried out in accordance with BRE Digest 365.

Site & Drainage Plan



THIS DRAWING TO BE READ IN CONJUNCTION
WITH SEPARATE DRAINAGE SPECIFICATION

This drawing is the copyright of the Architect and must not be reproduced without permission, except by the Local Planning Authority for planning purposes. Figured dimensions to be taken in preference to scaled. Dimensions to be checked on site before work commences. No deviation from this drawing will be permitted without the prior written consent of the Architect. Ground floor slabs, foundations, structure, etc., and all work below ground is shown provisionally and inspection of ground conditions is essential prior to work commencing. Reassessment is essential when the ground conditions are apparent and redesign may be necessary in the light of soil conditions found. The responsibility for establishing the soil and subsoil conditions rests with the Contractor.	drawing	revisions	date
	PROPOSED SITE & DRAINAGE PLAN (INCLUDING FLOOR LEVELS)	drawing no. 21902/205	rev. 1
	project	client	scale(s) 1:100
	PROPOSED 3 BED DWELLING ADJ TO 56 KINGS ROAD, HAYLING ISLAND HAMPSHIRE PO11 0PD	ROBIAN HOMES	sheet size A3
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