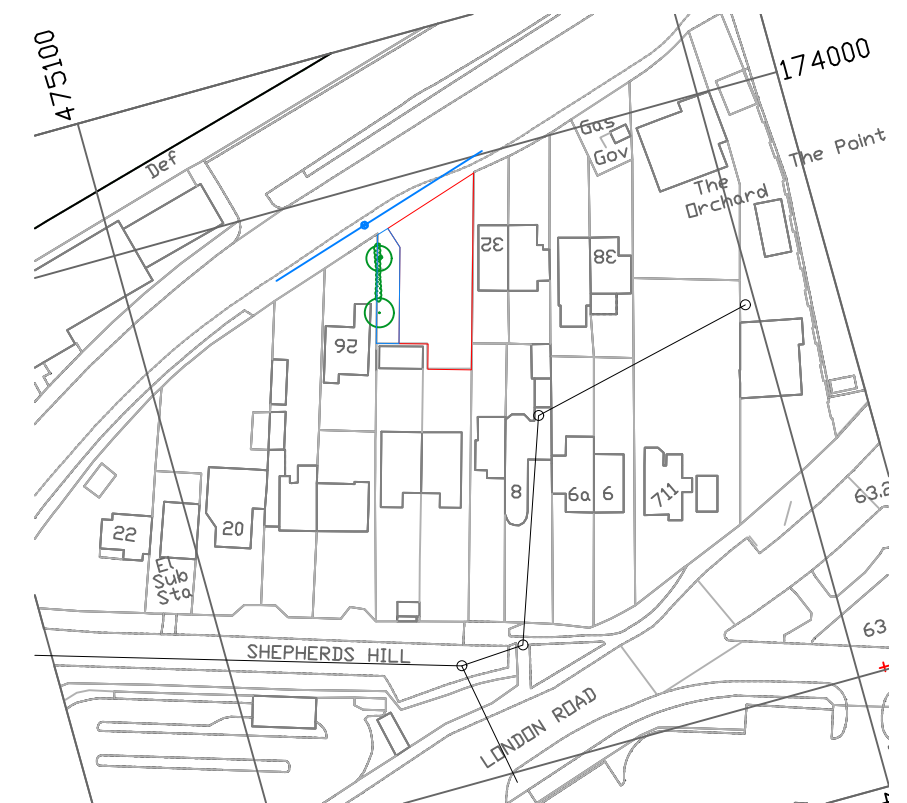
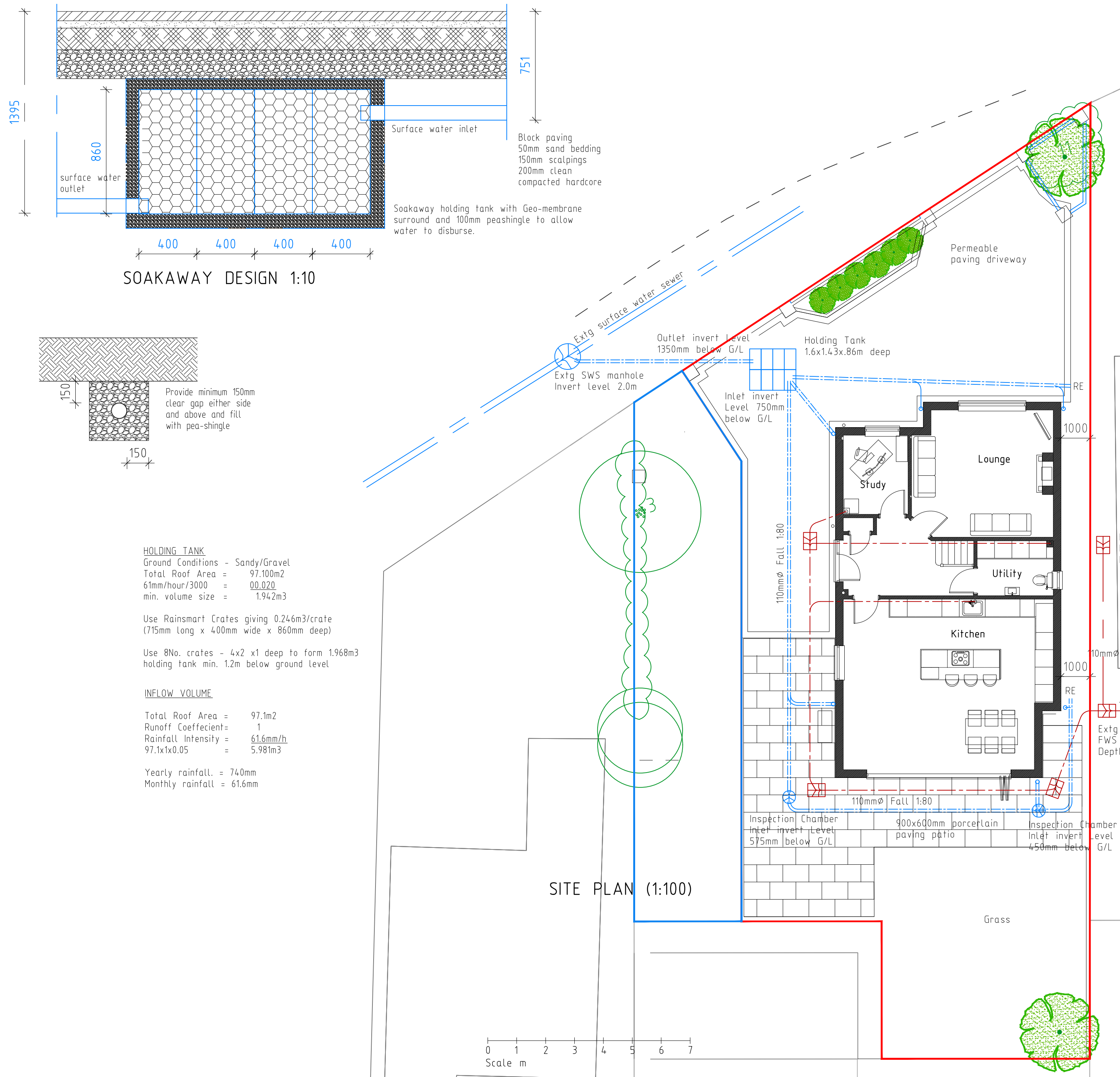
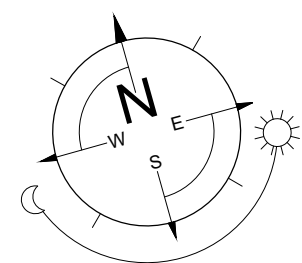




LOCATION PLAN (1:1250)

0 10 20 30 40 50 60 70 80 90 100
Scale m



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HOLDING TANK
Ground Conditions - Sandy/Gravel
Total Roof Area = 97.100m²
61mm/hour/3000 = 00.020
min. volume size = 1.942m³

Use Rainsmart Crates giving 0.246m³/crate
(715mm long x 400mm wide x 860mm deep)

Use 8No. crates - 4x2 x1 deep to form 1.968m³
holding tank min. 1.2m below ground level

INFLOW VOLUME
Total Roof Area = 97.1m²
Runoff Coefecient= 1
Rainfall Intensity = 61.6mm/h
97.1x1x0.05 = 5.981m³

Yearly rainfall. = 740mm
Monthly rainfall = 61.6mm

SITE PLAN (1:100)

0 1 2 3 4 5 6 7
Scale m

REV.	DATE	COMMENTS
PROJECT 28 Shepherds Hill Earley RG6 1BB		
PROJECT TITLE Proposed two storey detached dwelling		
DRAWING TITLE DRAINAGE DESIGN		
CLIENT Mr S Kendrick & Miss K Johnson		
SCALE 1:100 (A2)	DATE Mar 25	
DRG. No. 24-936-109	REV. H	