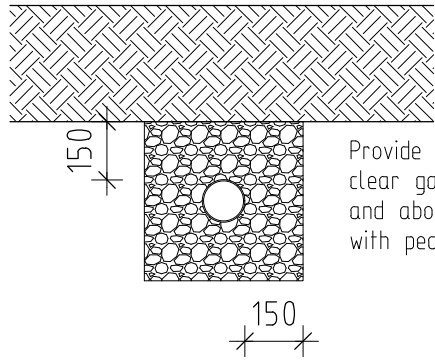




SOAKAWAY (Sandy/Gravel)

Total Roof Area = 97.100m²
 61mm/hour/3000 = 00.020
 Soakaway size = 1.942m³

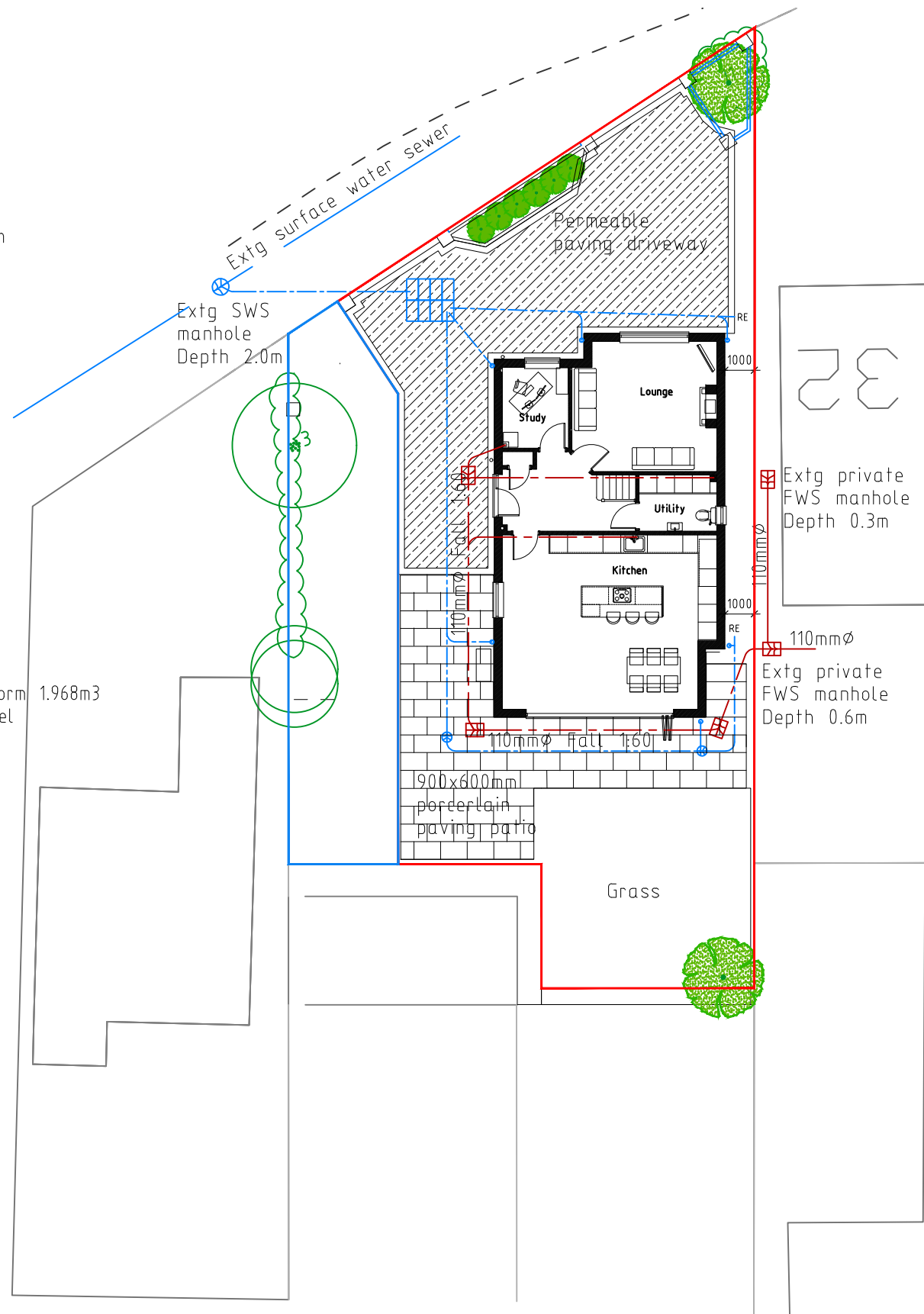
Rainsmart Crate = 0.246m³
 0.715m(L)x0.4m(W)x0.86m(D)

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

INFLOW VOLUME

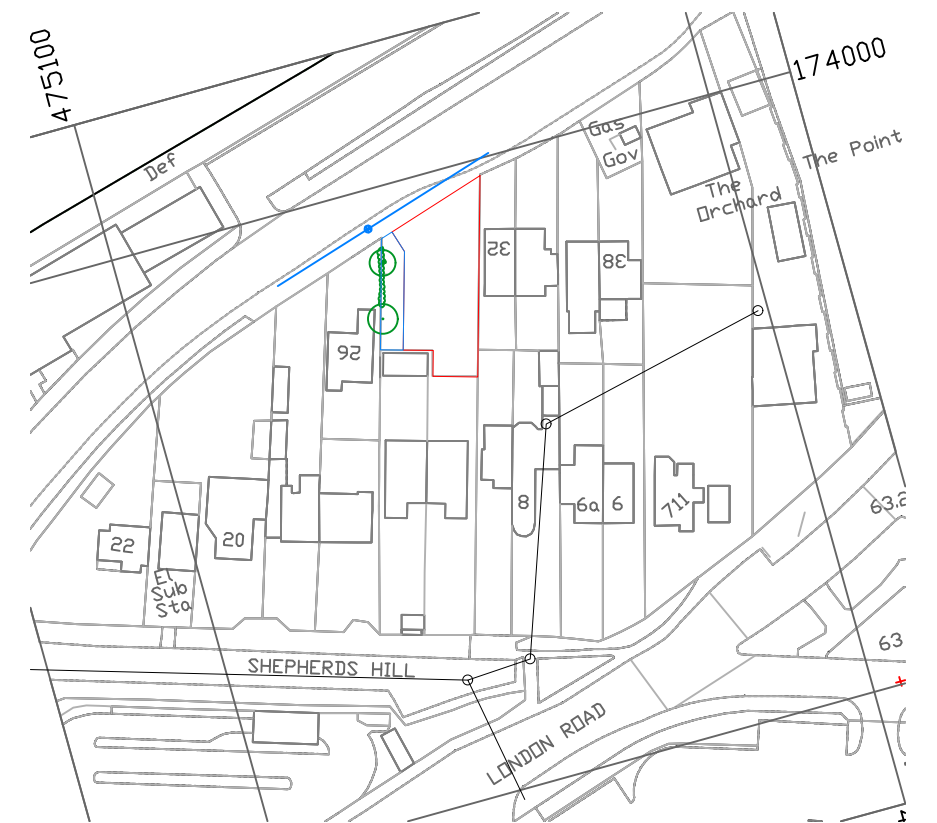
Total Roof Area = 97.1m²
 Runoff Coefficient = 1
 Rainfall Intensity = 61.6mm/h
 97.1x1x0.05 = 5.981m³

Yearly rainfall = 740mm
 Monthly rainfall = 61.6mm



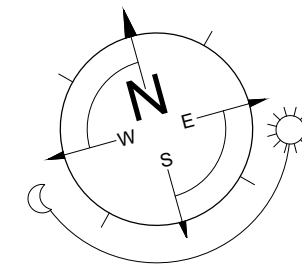
SITE PLAN (1:200)

0 2 4 6 8 10 12 14
 Scale m



LOCATION PLAN (1:1250)

0 10 20 30 40 50 60 70 80 90 100
 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 1:200 (A3)

DATE Mar 25

DRG. No. 24-936-109

REV. F