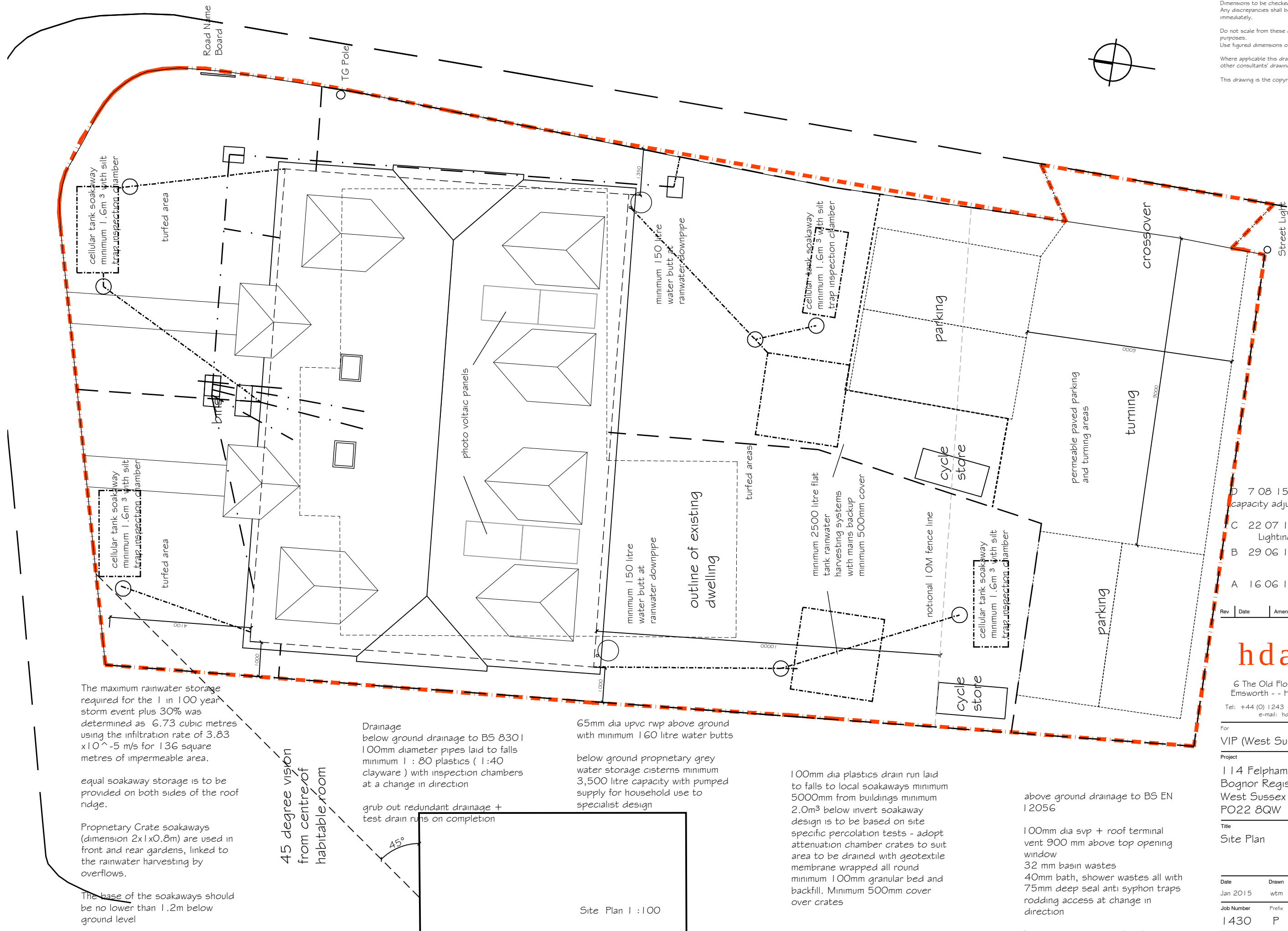




The maximum rainwater storage required for the 1 in 100 year storm event plus 30% was determined as 6.73 cubic metres using the infiltration rate of 3.83 x 10⁻⁵ m/s for 136 square metres of impermeable area.

equal soakaway storage is to be provided on both sides of the roof ridge.

Proprietary Crate soakaways (dimension 2x1x0.8m) are used in front and rear gardens, linked to the rainwater harvesting by overflows.

The base of the soakaways should be no lower than 1.2m below ground level

45 degree vision from centre of habitable room

Drainage below ground drainage to BS 8301 100mm diameter pipes laid to falls minimum 1 : 80 plastics (1:40 clayware) with inspection chambers at a change in direction

grub out redundant drainage + test drain runs on completion

65mm dia upvc rwp above ground with minimum 160 litre water butts

below ground proprietary grey water storage cisterns minimum 3,500 litre capacity with pumped supply for household use to specialist design

100mm dia plastics drain run laid to falls to local soakaways minimum 5000mm from buildings minimum 2.0m³ below invert soakaway design is to be based on site specific percolation tests - adopt attenuation chamber crates to suit area to be drained with geotextile membrane wrapped all round minimum 100mm granular bed and backfill. Minimum 500mm cover over crates

above ground drainage to BS EN 12056

100mm dia svp + roof terminal vent 900 mm above top opening window
32 mm basin wastes
40mm bath, shower wastes all with 75mm deep seal anti syphon traps
rodding access at change in direction

NOTES:

Dimensions to be checked on site before commencing work. Any discrepancies shall be reported to the architect immediately.

Do not scale from these drawings except for planning purposes. Use figured dimensions only.

Where applicable this drawing is to be read in conjunction with other consultants' drawings.

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- | Rev | Date | Amendment |
|-----|----------|-----------------------------------|
| D | 7 08 15 | Soakaway capacity adjusted |
| C | 22 07 15 | TG + Street Lighting Poles marked |
| B | 29 06 15 | Foul water layout added |
| A | 16 06 15 | Surface water layout added |

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Title
Site Plan

Date	Drawn	Scale	Checked
Jan 2015	wtm	1:100 @ A3	
Job Number	Prefix	Drawing Number	Revision
1430	P	04	D