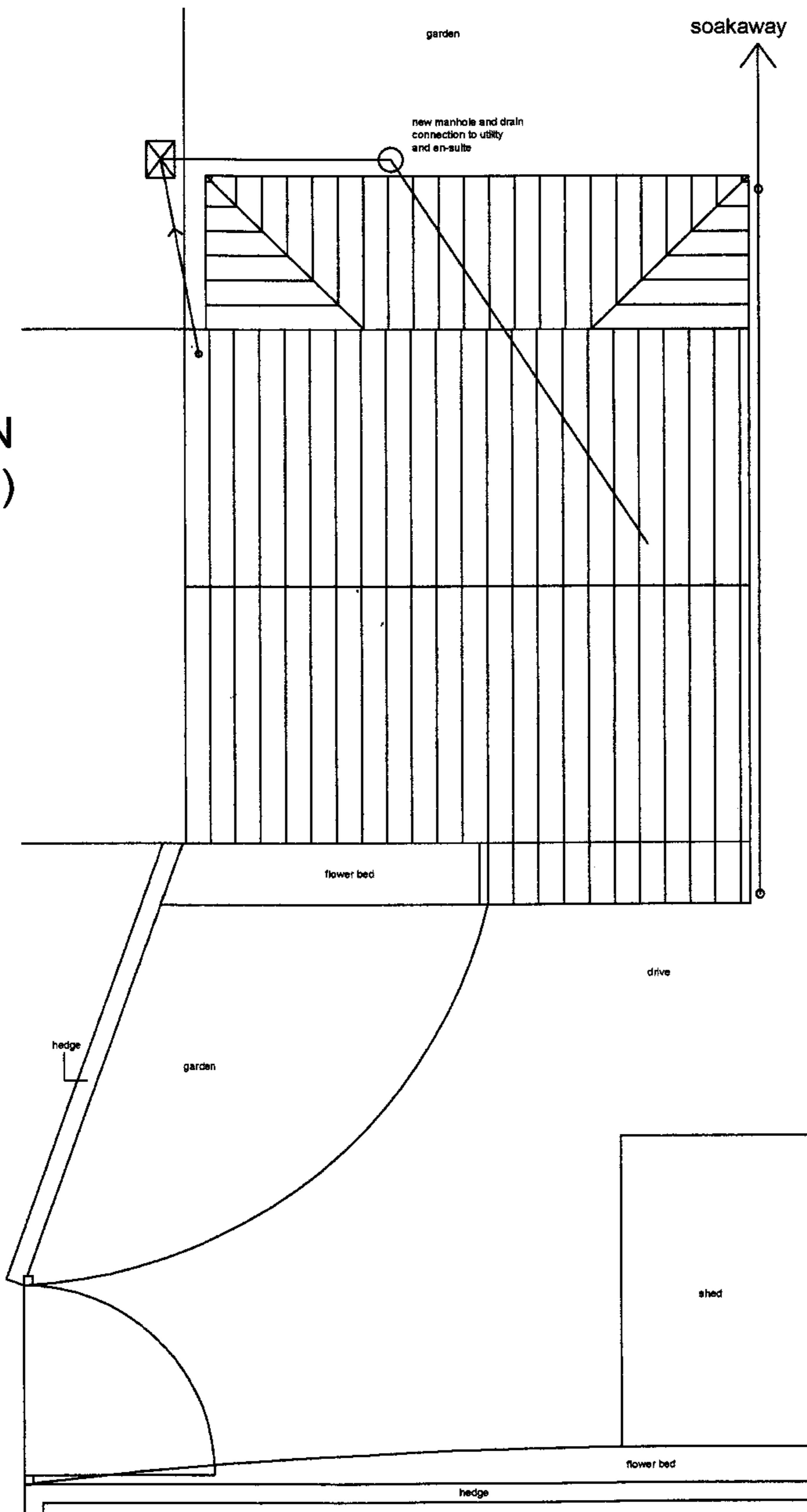


**BLOCK PLAN
(As Proposed)
1/100**



CLIENT
MR & MRS HOSKINS

PROJECT TITLE
SIDE & REAR EXTENSION, 8 HOPTON CLOSE,
BARTESTREE, HEREFORDSHIRE, HR1 4DQ.

DRAWING TITLE
DRAINAGE LAYOUT.

DRAWING NUMBER
414/011.

DATE
NOVEMBER 2007.

SCALE
1/100.

NOTES

Do not scale from drawing and check all dimensions before carrying out work. Site conditions and manufacturers requirements may necessitate changes to dimensions.

DRAINAGE

CE07/3819/F

STORM WATER DRAINAGE: Storm Water to UPVC gutters and rainwater pipes to existing mains system. 100mm dia half round UPVC gutters and brackets. 65mm dia UPVC rainwater pipes and brackets. 100mm dia UPVC Soil and Vent Pipe to terminate a minimum of 450mm above roof and 900mm above the nearest window or roof light. SVP to be insulated with 75mm insulation quilt surround and access hatch at bottom of casing. SVP to be fitted with a cowl.

FOUL WATER DRAINAGE: Foul drains via 100mm dia PVC soil/vent pipe and pre-formed inspection chambers to connection with existing system.

GENERAL DRAINAGE: 100mm dia PVC drains, bends and junctions as required laid to 1 in 40 min falls all encased in granular material. Avoid placing drains near trees and form a root barrier between drains and trees if there is sufficient space to do so. Where both foul and surface water sewers are available, all connections made on site must be proved to connect to the right one. Drain trenches within 1m of the building should be backfilled with concrete. Concrete lintels over drains where passing through structural walls. Where pipes pass through a wall or foundation, a sleeve minimum 50mm clearance or rocker pipes should be used to retain flexibility. Any change of gradient to incorporate an access point. No building should cover an existing manhole that serves more than one property. No covered length should be more than 6m in length, be more than 225mm diameter or be more than 3m deep. Sewers should be protected during the construction process to prevent damage.

MANHOLES / INSPECTION CHAMBERS: to be provided at all drainage connections.

MANHOLES: More than 1.00m deep. Brick built or pre-formed concrete chambers in accordance with manufactures instructions.

INSPECTION CHAMBERS: Less than 1.00m deep. Pre-formed polypropylene or brick built units. Brick to be 225mm Class B Engineering bricks in cement mortar (1:3) fair faced internally on 150mm concrete base complete with all channells and benchings and 3/4 bends.

MANHOLE COVERS: To be suitable for purpose giving consideration to their location. Heavy duty where traffic crosses. Double sealed where inside building.

BACK INLET GULLY: 100mm dia bedded and surrounded in concrete and jointed to drain with flexible coupling. For use when a kitchen sink, bath or wash hand basin discharges directly into drainage system and not through SVP. Provide built in rodding access.

RAINWATER DOWNPIPES: Use trapped gulley with grating.

WATER TESTING: Drains should be water tested before backfilling to Building Control satisfaction.



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