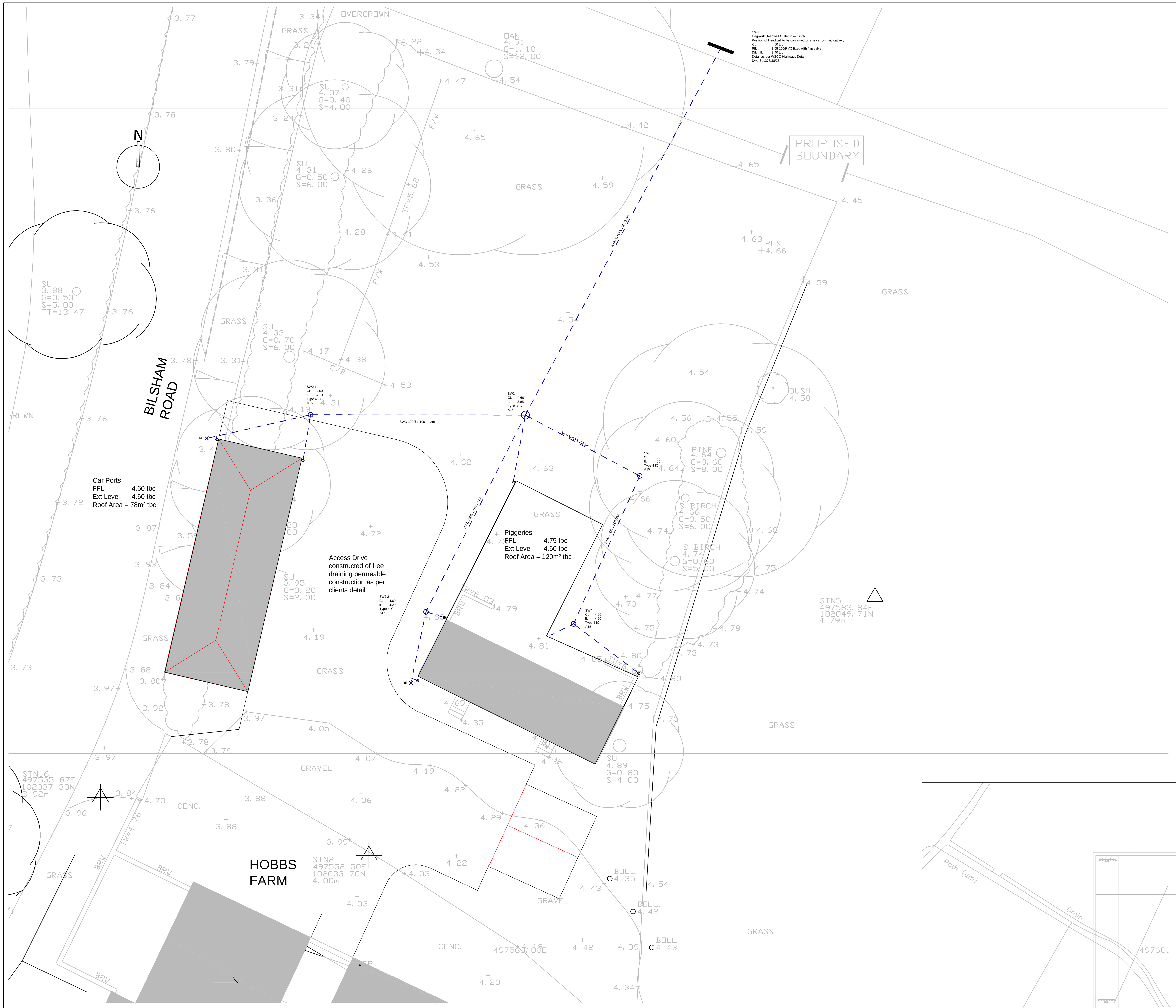


Legend

- - - - Existing Foul\Surface Sewer\drain to be retained
Existing Foul\Surface Sewer\Drain to be abandoned
Existing/Proposed Sewer easement
Channel Drain
RG Road Gully
YG Yard Gully
RE Rodding Eye

Foul Sewer/Drain
SVP/G Soil and Vent Pipe / Gully Connection
AAV/SS Air Admittance Valve (durgo) / Stub Stack
300Ø FW Mini Access Chamber (250Ø min)
FWx 475Ø FW Inspection Chamber (450Ø min)
FWx 475Ø FW RAT Inspection Chamber (450Ø min)
FWx Manhole (FW)
Backdrop

Surface Water Sewer/Drain
Rainwater Pipe
300Ø SW Mini Access Chamber (250Ø min)
Sx 475Ø SW Inspection Chamber (450Ø min)
Sx 475Ø SW RAT Inspection Chamber (450Ø min
Sx Manhole (SW)
BIG Back Inlet Gully
10.000 Finished Floor Level

NOTES

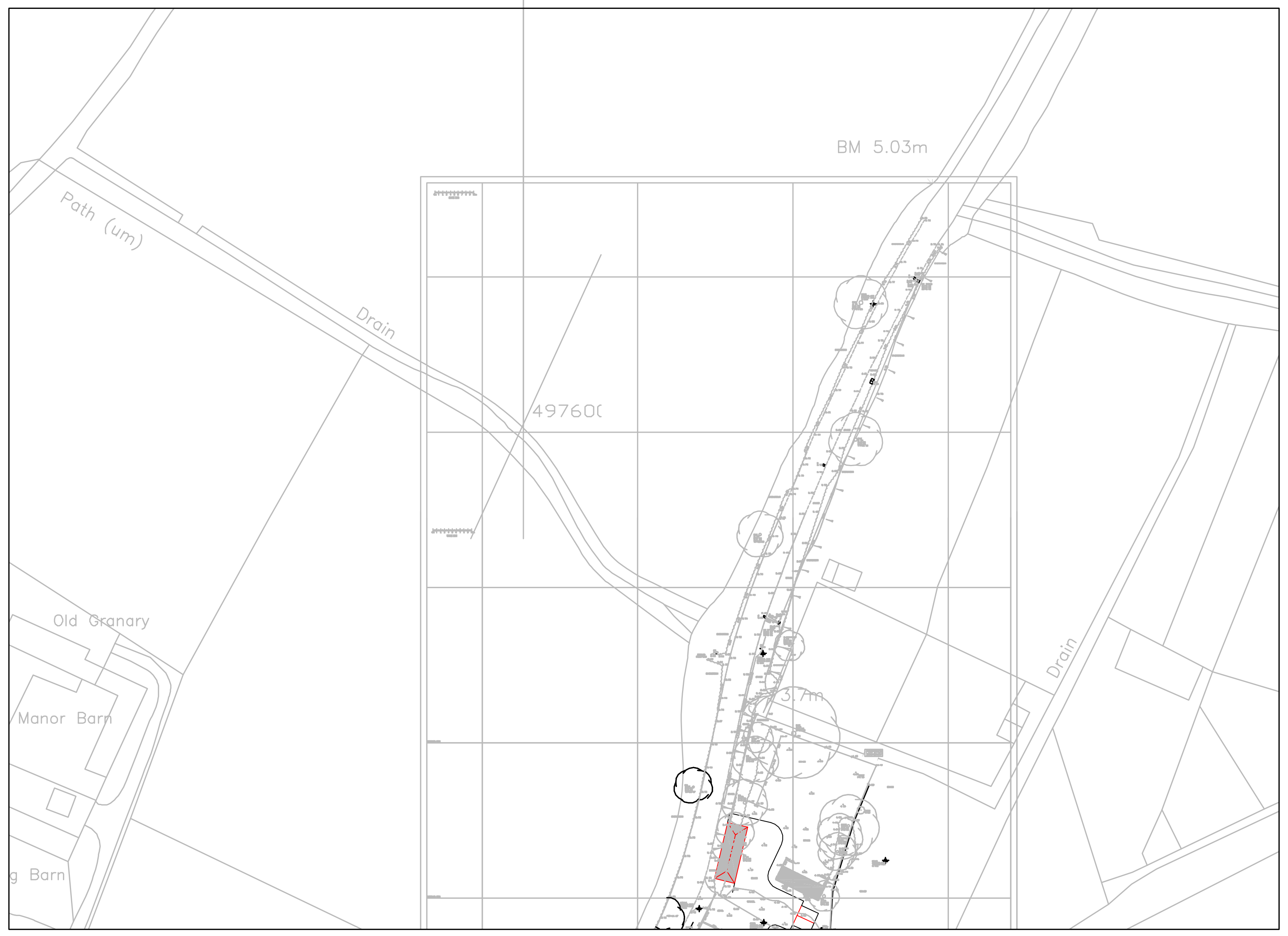
1. This drawing is to be read in conjunction with drawing Nos. F2111/01-25.
2. All connections to the land drainage system are to be constructed in accordance with the specific requirements of ADC/WSCC, the Drainage Authority.
3. Connection to the land drainage system, is subject to the approval of ADC/WSCC the Drainage Authority. All other drainage is to remain private.
4. All pipes to be adopted, or connecting to adopted sewers, and/or situated under highway to be vitrified clay to BS EN 295 & BS65 (SWS only), or Concrete pipes to BE EN 1916 & BS5911:Part 1, or Thermoplastic Structured wall sewer pipes to WIS 4-35-01 (class 8kN/sqm) and be capable of withstanding 4000 PSI jetting pressure.
5. Cover levels shown are approximate. Covers and frames shall be set to finished ground levels and falls.
6. Soakaways designed inaccordance with Suds Manual using a soil infiltration rate of 6.5x10-6 m/s within the Head Deposits/Parkstone Sand Formation. Soil infiltration rate as determined by Ground & Water Ltd in Nov 2011 following site testing.
7. All drainage to be constructed to BS EN 752:1999 and subject to the approval of Building Control/LPA and the Environment Agency.
8. Gully and channel drain positions are liable to amendment when the design levels have been determined.
9. All downpipes are to be sealed, ie connected directly to the stormwater drain. Access points to be provided 1m above ground level for external RWP's and 1m above FFL for internal RWP's.
10. All redundant drainage to be abandoned once the Contractor has satisfied himself that no connections remain live. Redundant drainage to be grubbed out.
11. All below ground concrete to accord with ACEC site classifictaion of AC-1.
12. Aco channel drain to be K100S with grade C250 Quicklock 'Heelguard' cast iron grating or equivalent, where adjacent to kerbing or within pedestrian areas. Elsewhere Aco channel drain to be Road Drain 100 Class F. All channel drain outlets to have oil traps
13. The Contractor should construct works in accordance with the Local Authority specification for the works they are to undertake.
14. Road gully pipes are to be 150mm dia. with concrete surround and flexible joints, all other un-referenced pipes are assumed to be 100mm dia.
    FW min gradient - 1 in 40 (100 dia) no WC's connected
    FW min gradient - 1 in 80 (100 dia) min 1 WC connected
    FW min gradient - 1 in 150 (150 dia) min 5 WC's connected
    SW min gradient - 1 in 100 (100/150 dia)
15. If any sub soil drainage systems are uncovered during the Works contact the Engineer for instructions. Generally sub soil drains affected are to be diverted around new Works and connected into the surface water drainage system. Pipe diameters and gradients are to be maintained.
16. Before commencing construction the Contractor must check the invert levels of existing sewers to which connections are made. In addition the Contractor must locate and determine invert levels of the existing spurs to which connections are proposed. Additional spur/manhole connections are to be agreed with the relevant adopting authority. Any discrepancies are to be notified to the Engineer immediately, prior to construction.
17. Road reinstatements are to be to the Highway Authority approval.
18. No private areas are to drain onto adoptable areas and vice versa.

SUBJECT TO THE APPROVAL OF:
LPA -ADC/WSCC
BUILDING CONTROL/NHBC

Subject to confirmation of the following:
PIL of SWD already installed
IL of Ditch/Watercourse at proposed headwall SW1
Client consent required for off site drainage connection

SW Design not proposed to be attenuated as drained area is only 200m² resulting is storm water flow of 3l/s (50mm/hr).
Soakaways not regarded as viable based on cohesive soils and high ground water tables in the locality

Location Plan 1:1250



REV	DESCRIPTION	DATE
A	Issued For BUDGET/APPROVAL ONLY	24/09/15
-	Issued For BUDGET/APPROVAL ONLY	26/06/15

abmh
Consulting Civil & Structural Engineers
1 The Grove, Felpham, Bognor Regis, West Sussex PO22 7EY
Alun Mob: 07809 550090 / Mark Mob: 07761 950000
Email: info@abmh.co.uk / Web: www.abmh.co.uk

PROJECT	THE PIGGERY HOBBS FARM BILSHAM ROAD YAPTON, W SUSSEX						
DRAWING	DRAINAGE LAYOUT						
Prj No.	F2111/01					REV	A
SCALE	1:125	DATE	JUNE 15	INITIAL	MH	CHKD	-

This drawing is produced using Autocad: Only written dimensions are to be respected

ARUN DISTRICT COUNCIL Y/65/15/PL