

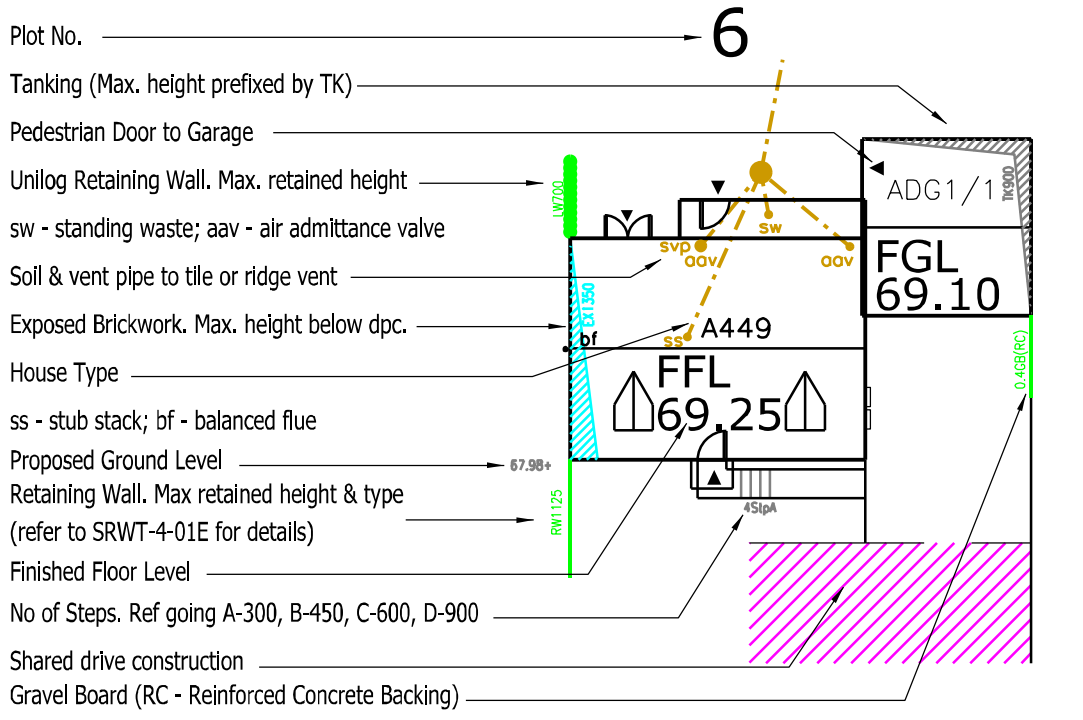
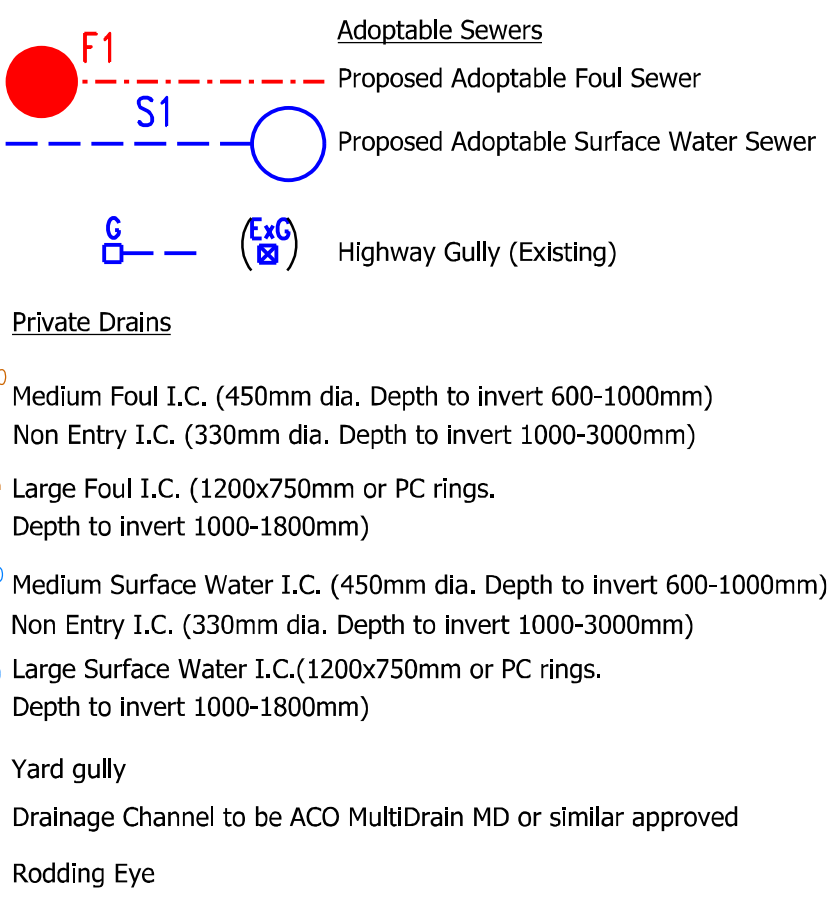
**NOTES**

- Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the architect or engineer before proceeding. © This drawing is copyright.
  - Reproduced from OS Sitemap @ by permission of Ordnance Survey® on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright 2008. All rights reserved. Licence number 10007126.
  - Until technical approval has been obtained from the relevant authorities, all drawings are issued as preliminary and not for construction. Should the contractor commence site work prior to approval being given it is entirely at his own risk.
- Building Drainage**
- All connections to adoptable manholes from private building drainage to be 150mm diameter pipes unless otherwise specified.
  - All house drainage to be 100mm dia unless otherwise stated, and laid in accordance with current Building Regulations and BS8301 : 1985.
  - All private drainage products are to be Polypipe or similar approved.
  - Pipe bedding material is to be Class S with 150mm minimum thickness surround.
  - Backfill is to be with selected fill free of stones larger than 40mm, lumps of clay over 100mm, timber, frozen material and vegetable matter.

**NOTES**

- Pipe protection of house drainage runs is required in accordance with the Typical House Drainage Details drawing. The contractor shall satisfy themselves and agree with the Site Management the actual extent of pipe protection required.
- Pipes entering and leaving manholes/inspection chambers shall include a rocker pipe, 600mm in length.
- Brickwork to chambers shall be Class B Engineering to BS3921.
- Rainwater pipes are to be sited on side elevations whenever possible.
- All retaining walls with a height of 600mm or greater are to include 1.2m high post and rail fencing unless located in rear gardens. Similar retaining walls in rear gardens are to include 900mm height picket fence.
- All flights of steps to primary level access, with more than 2 steps are to be provided with handrailing, except where the steps are 900mm are more appart.
- Drainage and road design subject to Water and Highway Authority approval.
- Edge restraint to private/blockwork - 2 stretcher course (unless noted otherwise).

**KEY**



UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT AUTHORITIES, ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN IT IS ENTIRELY AT HIS OWN RISK.

G	SW pipe codes updated	AT	JF	15.08.16
F	Gradient into S33 amended	AT	JF	03.08.16
E	Internal drainage positions updated to suit assembly blocks. PH6 gully connections shown	AT	JF	28.07.16
D	Cover levels amended	AT	JF	07.07.16
C	Revised to suit detailed design	AT	JF	24.06.16
B	Plots renumber as per latest architect's layout	AT	JF	06.08.15
A	Revised to suit latest site layout	AT	JF	27.07.15

**WOODS HARDWICK**  
ARCHITECTS, ENGINEERS AND DEVELOPMENT CONSULTANTS

TITLE: UPPER HEYFORD PARCEL D6a (PHASE 5)  
DETAILS: PROPOSED ENGINEERING LAYOUT SHEET 3

SCALE: A1-1:200 DATE: JUNE 2015 DRAWN: AT CHK: JF

15-17 GOLDINGTON ROAD BEDFORD MK40 3JH UNITED KINGDOM T: +44 (0)1234 268862 F: +44 (0)1234 353034 MAIL@WOODSHARDWICK.COM WWW.WOODSHARDWICK.COM

HEYF-5-889 G  
Please consider the environment before printing this drawing  
Filepath: F:\Engineer