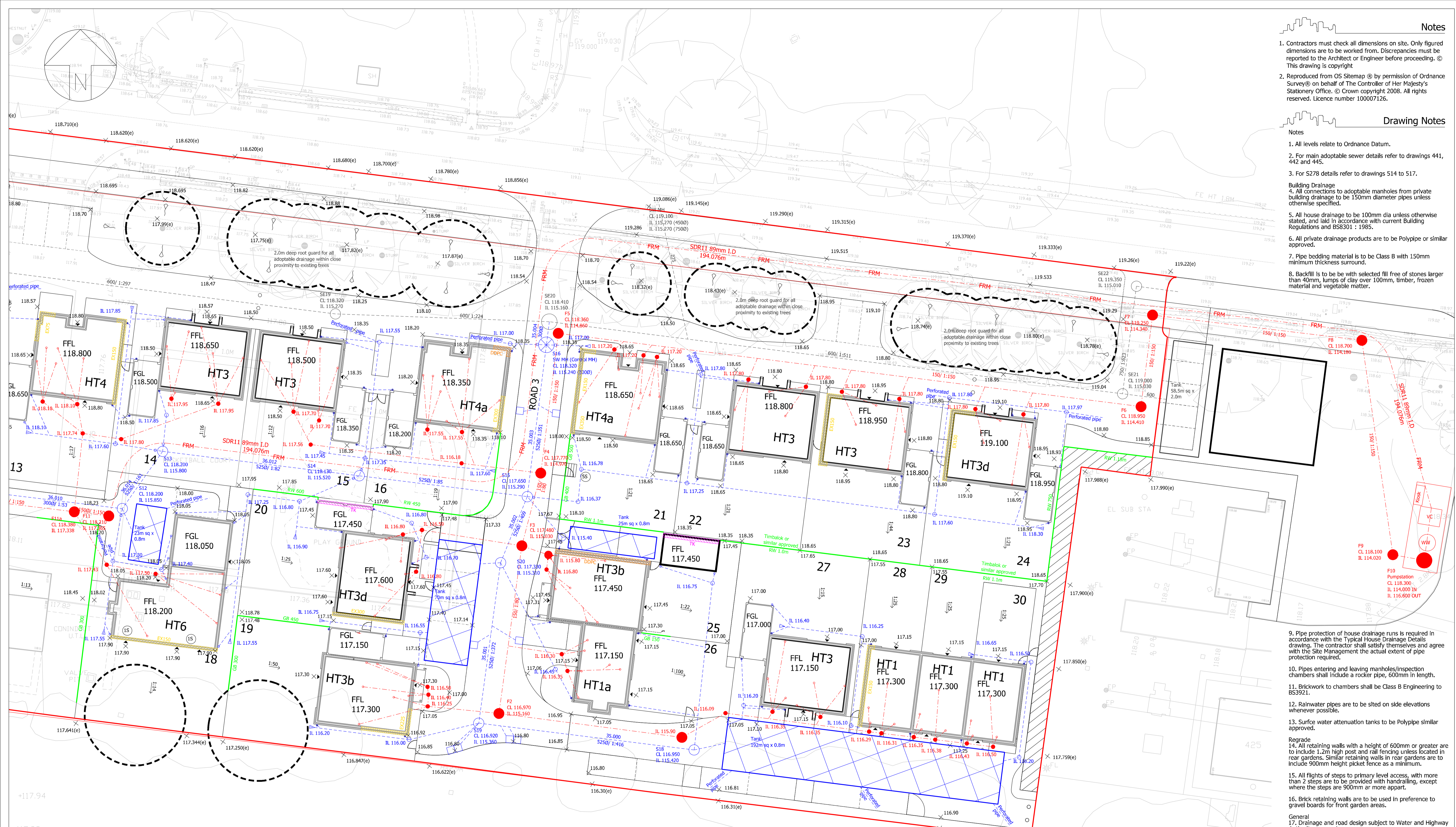


- Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the Architect or Engineer before proceeding. © This drawing is copyright
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Drawing Notes

- Notes
- All levels relate to Ordnance Datum.
 - For main adoptable sewer details refer to drawings 441, 442 and 445.
 - For S278 details refer to drawings 514 to 517.
 - Building Drainage
4. 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 BS301 : 1985.
 - All private drainage products are to be Polypipe or similar approved.
 - Pipe bedding material is to be Class B 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.



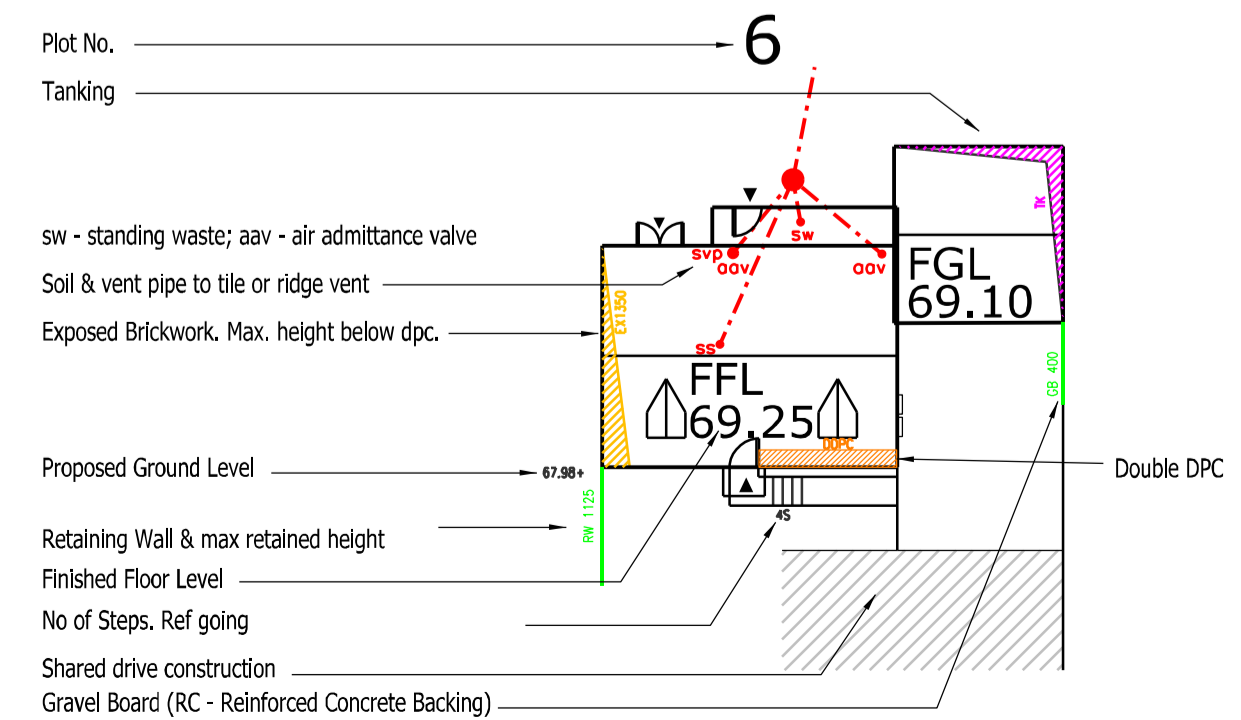
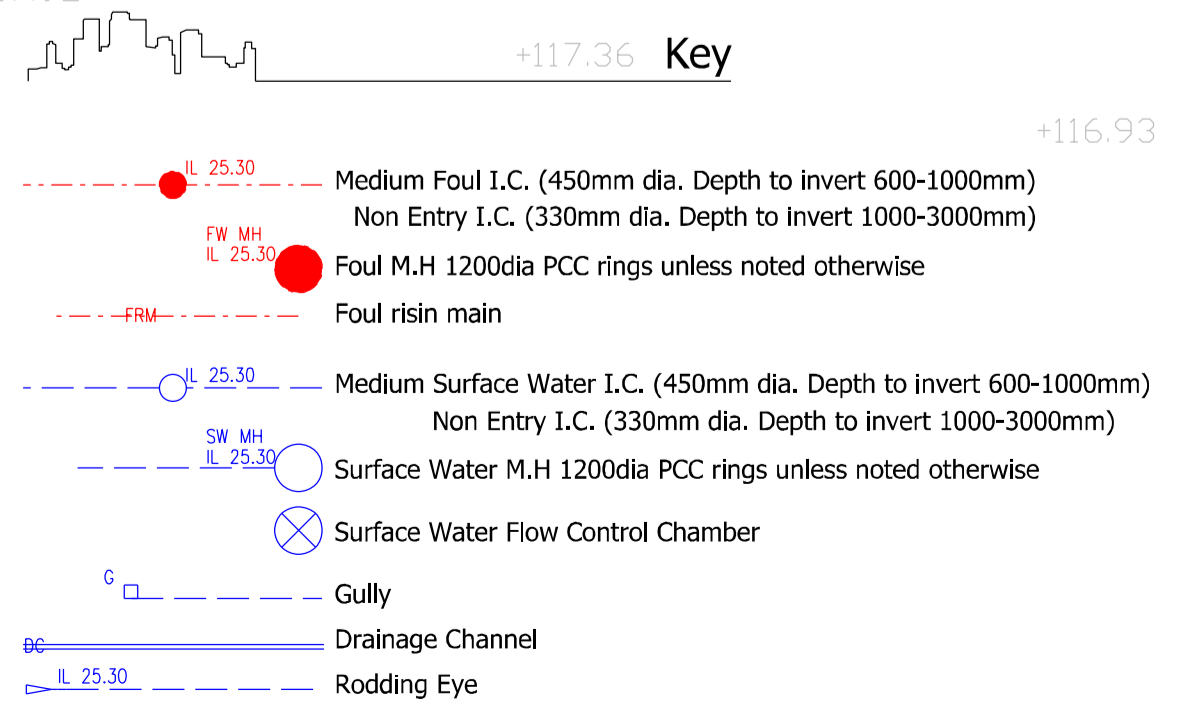
- Pipe protection of house drainage runs is required in accordance with the Typical House Drainage Details drawing. The contractor shall satisfy themselves and agree with the Site Manager the actual extent of pipe protection required.
- Pipes entering and leaving manholes/inspection chambers shall include 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.
- Surface water attenuation tanks to be Polypipe similar approved.
- Regrade
14. 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 as a minimum.
- 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 or more apart.
- Brick retaining walls are to be used in preference to gravel boards for front garden areas.
- General
17. Drainage and road design subject to Water and Highway Authority approval.
- Where inspection chambers are deeper than 1.5m, reduced access covers are to be used.

Notes

- All levels relate to Ordnance Datum.
- 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 or more apart.
- Brick retaining walls are to be used in preference to gravel boards for front garden areas.

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.

DUE TO PRESENCE OF SHALLOW GROUND WATER, STORAGE TANKS ARE TO HAVE A MIN 250MM CONCRETE SLAB OVER EXTENDING MIN 200MM PAST THE TANK IN ALL DIRECTIONS TO PREVENT FLOATAION. MIN THICKNESS OF BEDDING TO BE 150MM UNLESS A GREATER VALUE IS RECOMMENDED BY THE MANUFACTURER



| Revision | Description | Drawn | Checked | Date |
|----------|--|-------|---------|----------|
| E | Tank sizes amended to 0.8m to suit Polypipe standard dimensions | AT | JF | 31.03.14 |
| D | Perforated pipes added | AT | JF | 28.02.14 |
| C | Foul break chamber at rising main outfall added as per Albion Water comments | AT | JF | 21.02.14 |
| B | Level out of foul pumpstation (F10) amended | AT | JF | 17.02.14 |
| A | Backdrop removed from S15 and S20, RE and IC south of plot 19 deepened | AT | JF | 20.01.14 |

Preliminary Information Tender Construction As Built

Woods Hardwick
Architects, Engineers and Development Consultants

Title: UPPER HEYFORD PARCEL D1B
Details: ENGINEERING LAYOUT SHEET 2
Scale: 1:200 @ A1 Date: JAN 2014 Drawn: JGF Chk: IDB