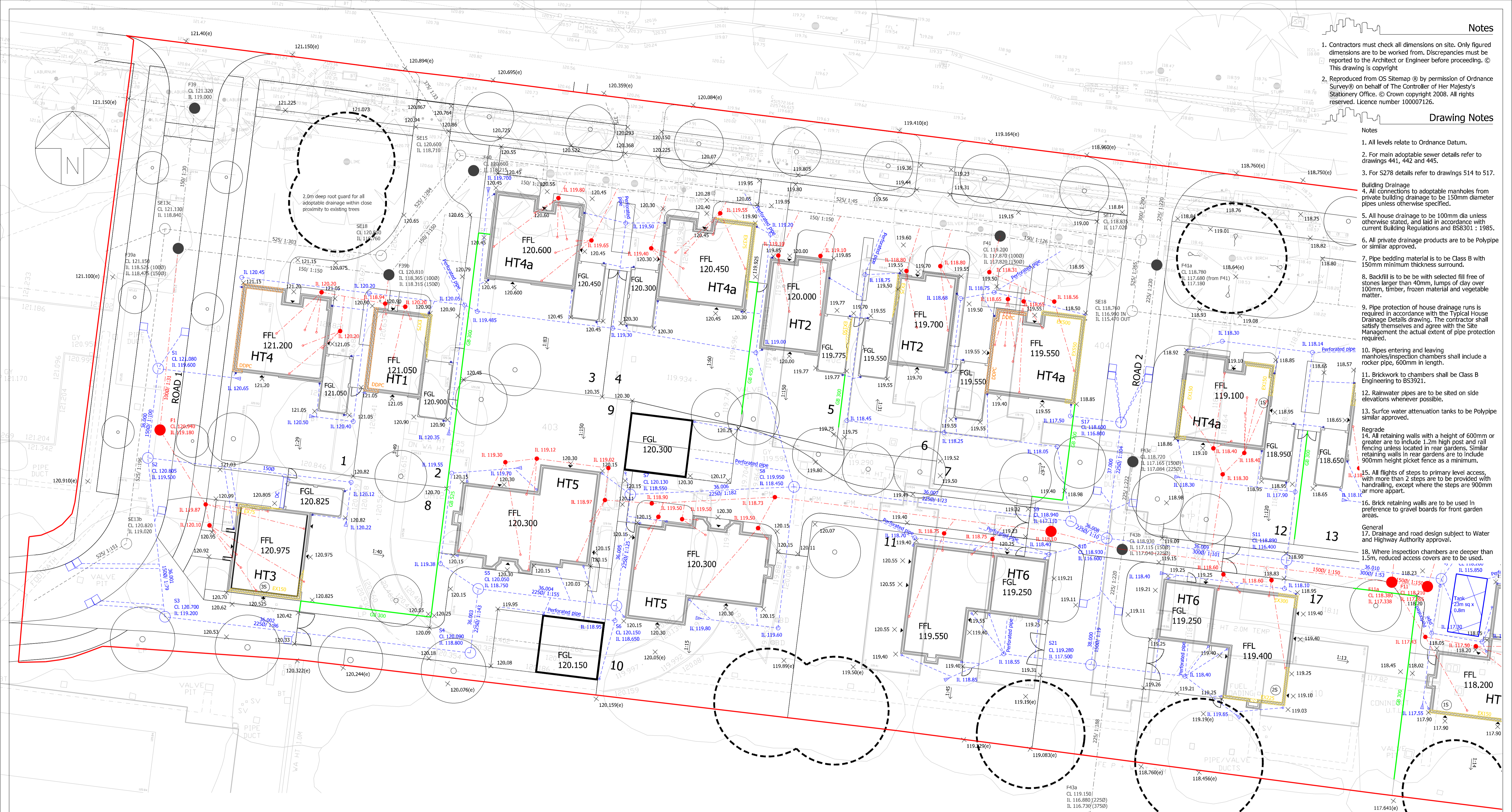


- Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the Architect or Engineer before proceeding. © This drawing is copyright
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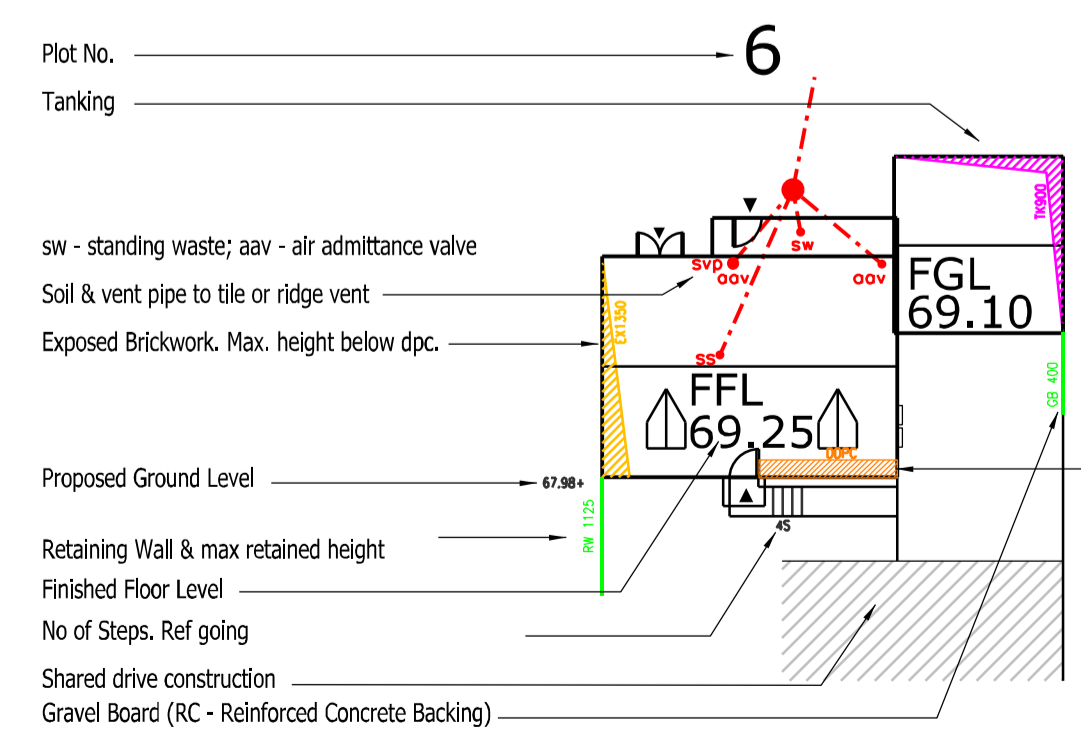
Drawing Notes

- 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
- 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 Poly pipe 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.
 - 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.
 - Surface water attenuation tanks to be Polypipe similar approved.
 - 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
- 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.



Key

- Medium Foul I.C. (450mm dia. Depth to invert 600-1000mm)
- Non Entry I.C. (330mm dia. Depth to invert 1000-3000mm)
- Foul M.H 1200dia PCC rings unless noted otherwise
- Foul risin main
- Medium Surface Water I.C. (450mm dia. Depth to invert 600-1000mm)
- Non Entry I.C. (330mm dia. Depth to invert 1000-3000mm)
- Surface Water M.H 1200dia PCC rings unless noted otherwise
- Surface Water Flow Control Chamber
- Gully
- Drainage Channel
- Rodding Eye



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 FLOATATION. MIN THICKNESS OF BEDDING TO BE 150MM UNLESS A GREATER VALUE IS RECOMMENDED BY THE MANUFACTURER

Revision	Description	Drawn	Checked	Date
A	Tank sizes amended to 0.8m to suit Polypipe standard dimensions	AT	JF	31.03.14
B	F43 (eastern diversion) removed to match the eastern diversion drawings	AT	JF	24.03.14
C	SE15, SE17 and F43a relocated, F43b removed	AT	JF	18.03.14
D	SS cover level amended	AT	JF	07.03.14
E	SE17/SE18 (Eastern diversion) pipe size amended, perforated pipes added	AT	JF	28.02.14
F	Foul break chamber at rising main outfall added as per Abdon Water comments	AT	JF	21.02.14
G	Diversion drainage cover levels amended to suit proposed road design	AT	JF	22.01.14

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

Please consider the environment before printing this drawing

HEYF/5/825 G