

- 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.  
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  - 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.
  - Adoptable roads/works have been designed in accordance with Specification for Highway Works, Design Manual for Roads and Bridges, 'Manual For Streets' and Oxfordshire County Council guidance documentation.
  - Adoptable Drainage has been designed using Sewers for Adoption 6th Edition (with additional Anglian Water standards) and Private Drainage has been designed in accordance with NHBC guidance.

**SAFETY, HEALTH AND ENVIRONMENTAL**

In addition to the hazards, risks normally associated with the type of work detailed on this drawing, note the following significant risks and information.

**Construction:**

- Live services below and above ground.
- Retention of pedestrian routes. (5278 Works)
- Works in vicinity of existing protected trees.
- Location of survey controls within live highway.
- Slope stability of deep excavations.
- Works to live sewers.
- Possible presence of buried live explosives.

For information relating to end use, maintenance and demolition, see the health and safety file.

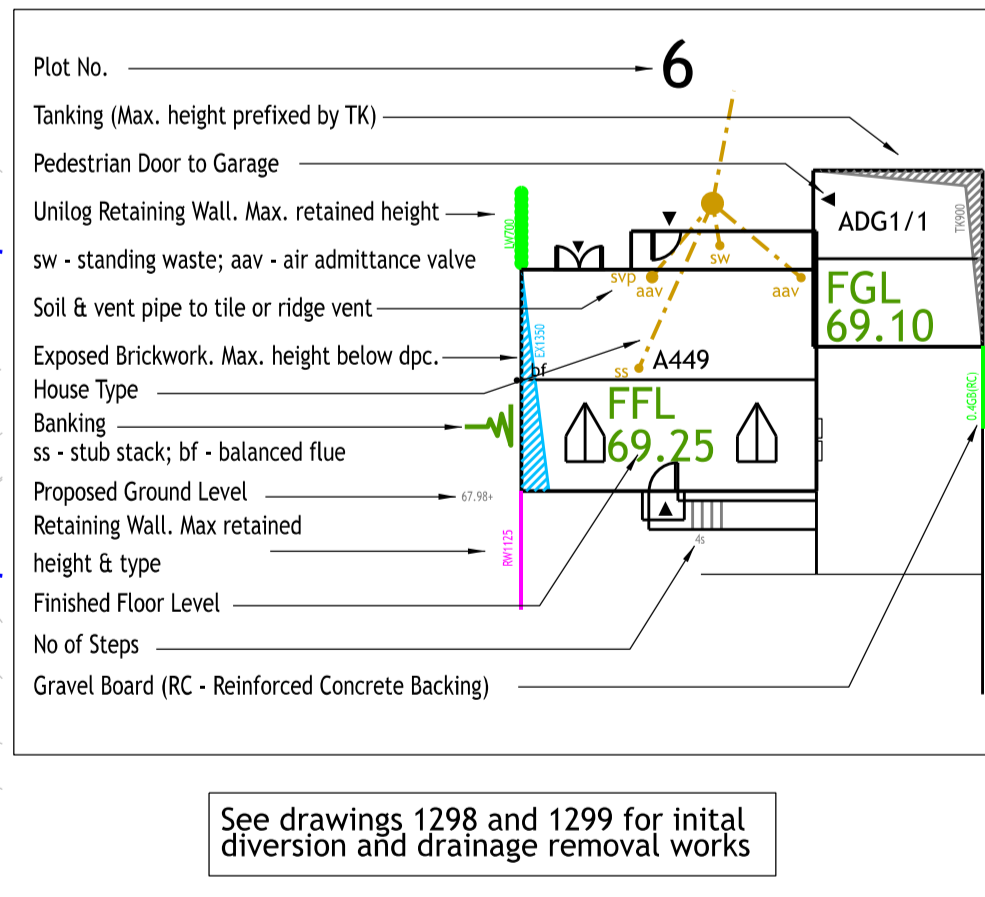
It is assumed that all works will be carried out by a competent Contractor, where appropriate, to an approved method statement.

- 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 in accordance with current Building Regulations and BS5301:1985.
  - All private drainage products are to be Polypropylene or similar approved.
  - Pipe bedding material is to be Class 5 with 150mm minimum thickness supporting and protecting pipe to be used where less than 1.2m cover under drives.
  - Backfill is to be with selected fill free of stones larger than 40mm. Lumps of soil 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 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 posts 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 access.
  - Drainage and road design subject to Water and Highway Authority approval.

- ADOPTABLE SEWERS**
- F1 Proposed Adoptable Foul Sewer
  - S1 Proposed Adoptable Surface Water Sewer
  - Highway Gully (Existing)
  - Drainage Run to be Abandoned
  - Adoptable Drainage Easement
  - Highway Easement
  - Corodur/Tactile Paving
  - Pedestrian/Pram Crossing Tactile Paving
- PRIVATE DRAINS**
- Medium Foul I.C. (450mm dia. Depth to invert 600-1000mm)
  - Non Entry I.C. (330mm dia. Depth to invert 1000-3000mm)
  - Large Foul I.C. (1200x750mm or PC rings. Depth to invert 1000-1800mm)
  - Medium Surface Water I.C. (450mm dia. Depth to invert 600-1000mm)
  - Non Entry I.C. (330mm dia. Depth to invert 1000-3000mm)
  - Large Surface Water I.C. (1200x750mm or PC rings. Depth to invert 1000-1800mm)
  - Yard gully
  - Drainage Channel to be ACO Multidrain MD or similar approved
  - Rodding Eye
  - Existing tree Root Protection Zone
  - Preceding diversion works

**Part M - Mobility Access Types**

1200mm min 1 in 60 max. grade	1 in 60 max. grade
Level approach	
1200mm min 1 in 20 min grade	1 in 20 max. grade
Gently sloping approach	
1200mm min 1 in 40 to 1 in 20 grade	1 in 12 max. grade (5m max. length) 1 in 15 max. grade (10m max. length)
Ramped approach	
900mm min 1 in 40 to 1 in 60 grade	1.2m landings at 1 in 20 required
Stepped approach	
	300mm 280mm min. going 750mm min. riser 150mm max. riser 12 no. steps max. (without intermediate landing)
	1000mm handrail one side
	900mm landing



L	PRIVATE DRIVE KERB & FINISHES NOTE ADDED	AT	JF	12.07.23
K	CLIENT COMMENTS INCORPORATED (16.05.23)	NK	AT	18.05.23
H	AND SHEETS UPDATED			
J	ROAD 3 CHANNEL KERB LINE REMOVED	AT	JF	11.05.23
H	CLIENT COMMENTS INCORPORATED (18.04.23)	NK	AT	27.04.23
F270	F274, F279, F282 AND F285 REMOVED	AT	JF	12.04.23
F	PRIVATE FW BY PLOTS 69-70 UPDATED	AT	JF	28.03.23

REV	DESCRIPTION	DRN	CHD	DATE
	PRELIMINARY			
	CONSTRUCTION			
	INFORMATION			
	AS BUILT			
	TENDER			

SCALE 1:200@ A0 DATE DECEMBER 2022

DRAWN DSH CHK AT

DRAWING NO. HEYF-5-1303 REV L

TITLE CAMP ROAD UPPER HEYFORD

DETAILS PHASE 10 ENGINEERING LAYOUT SHEET 2 OF 3

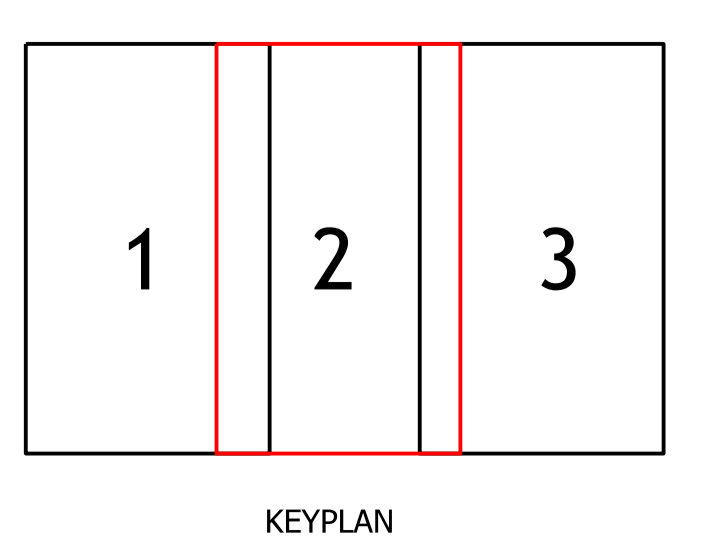
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PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS DRAWING



For adoptable surface finishes and kerbing see drawing 1308.  
All private hardstanding to have 0mm upstand edgings unless noted otherwise.  
For private finishes refer to architectural layout.