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:

1. AS A FORMER MILITARY BASE THERE MAY BE UNREGISTERED AND UNRECORDED UTILITIES. THE CONTRACTOR SHALL TAKE REASONABLE STEPS TO LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF WORKS.

FOR INFORMATION RELATING TO END USE, MAINTENANCE, 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.

FLOW RATES		
PARCEL	FRA-C	PROPOSED
B4a - Outfall 1	21.3l/s	19.2l/s
B4a - Outfall 2	57.8l/s	54.8l/s
B4b	30.2l/s	34.8l/s
TOTAL	109.3l/s	108.8l/s

NOTES

1. 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.

2. 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 100007126.

3. 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.

NOTES

BUILDING DRAINAGE
1. ALL CONNECTIONS TO ADOPTABLE MANHOLES FROM PRIVATE BUILDING DRAINAGE TO BE 150mm DIAMETER PIPES UNLESS OTHERWISE SPECIFIED.

2. ALL HOUSE DRAINAGE TO BE 100mm DIA UNLESS OTHERWISE STATED, AND LAID IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS AND BS8301 : 1985.

3. ALL PRIVATE DRAINAGE PRODUCTS ARE TO BE POLYPIPE OR SIMILAR APPROVED.

4. PIPE BEDDING MATERIAL IS TO BE CLASS S WITH 150mm MINIMUM THICKNESS SURROUND.

5. BACKFILL IS TO BE BE WITH SELECTED FILL FREE OF STONES LARGER THAN 40mm, LUMPS OF CLAY OVER 100mm, TIMBER, FROZEN MATERIAL AND VEGETABLE MATTER. 6F2 TO BE USED IN TRAFFICKED AREAS.

6. 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.

7. PIPES ENTERING AND LEAVING MANHOLES/INSPECTION CHAMBERS SHALL INCLUDE A ROCKER PIPE, 600mm IN LENGTH.

8. BRICKWORK TO CHAMBERS SHALL BE CLASS B ENGINEERING TO BS3921.

9. RAINWATER PIPES ARE TO BE SITED ON SIDE ELEVATIONS WHENEVER POSSIBLE.

REGRADE
10. 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.

11. 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.

12. BRICK RETAINING WALLS ARE TO BE USED IN PREFERENCE TO GRAVEL BOARDS FOR FRONT GARDEN AREAS.

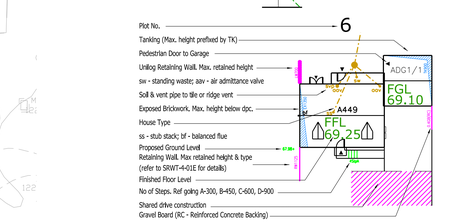
GENERAL
13. DRAINAGE AND ROAD DESIGN SUBJECT TO WATER AND HIGHWAY AUTHORITY APPROVAL.

14. EDGE RESTRAINT TO PRIVATE/BLOCKWORK - 2 STRETCHER COURSE (UNLESS NOTED OTHERWISE)

KEY

MAIN SEWERS
- PROPOSED FOUL SEWER
- PROPOSED SURFACE WATER SEWER
- FLOW CONTROL CHAMBER
- HIGHWAY GULLY (EXISTING)

PRIVATE DRAINS (REFER TO ENGINEERING NOTES/SPECIFICATION)
- NON ENTRY FOUL I.C. (250mm DIA. DEPTH TO INVERT MAX. 600mm)
- NON ENTRY FOUL I.C. (315mm DIA. DEPTH TO INVERT MAX. 900mm)
- MEDIUM FOUL I.C. (450mm DIA. DEPTH TO INVERT 600-1000mm) NON ENTRY I.C. (330mm DIA. DEPTH TO INVERT 1000-3000mm)
- MEDIUM SURFACE WATER I.C. (450mm DIA. DEPTH TO INVERT 600-1000mm) NON ENTRY I.C. (330mm DIA. DEPTH TO INVERT 1000-3000mm)
- YARD GULLY
- DRAINAGE CHANNEL TO BE ACO MULTIDRAIN MD OR SIMILAR APPROVED
- RODDING EYE
- STORAGE TANK
- PERMEABLE PAVING
- PERMEABLE PAVING FORMATION LEVEL
- PERMEABLE PAVING OUTLET PIPE
- 2m x 2m PEDESTRIAN VISIBILITY SPLAY



REVISION	DESCRIPTION	DRAWN	CHECKED	DATE
A	VISIBILITY SPLAYS ADDED TO PRIVATE DRIVEWAYS	GLG	JGF	02.01.19

PRELIMINARY ☐ INFORMATION ☐ TENDER ■ CONSTRUCTION ☐ AS BUILT ☐

WOODS HARDWICK
ARCHITECTS, ENGINEERS AND DEVELOPMENT CONSULTANTS

TITLE UPPER HEYFORD
PARCEL B4a

DETAILS PROPOSED ENGINEERING LAYOUT

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SCALE: 1:200 @ A0 DATE: SEPTEMBER 2018 DRAWN: GLG CHK: JGF

HEYF-5-697 A

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