

KEY

- XXX.XXX — FOUL DRAIN (INVERT LEVEL SHOWN)
- XXX.XXX — SURFACE WATER DRAIN (INVERT LEVEL SHOWN)
- 1200mm DIA. CONCRETE PRIVATE FOUL MANHOLE (1.0m TO 6m DEPTH) USING 460mm DIA. PREFORMED MANHOLE BASE. (750mm DIA. PREFORMED MANHOLE BASE TO BE USED IF 150mm PIPES REQUIRED)
- XXXmm DIA. FOUL UNIVERSAL INSPECTION CHAMBER (UP TO 3.0m DEEP)
- XXXmm DIA. SHALLOW FOUL INSPECTION CHAMBER (UP TO 600mm DEEP)
- 1200mm DIA. CONCRETE PRIVATE STORM MANHOLE (1.0m TO 6m DEPTH) USING PREFORMED MANHOLE BASES –SEE FOUL MH.
- 460mm DIA. PRIVATE SURFACE WATER MANHOLE (UP TO 3.0m DEEP)
- SEALED RODDING EYE WITH INVERT LEVEL 600–700mm BELOW GROUND LEVEL.
- TRAPPED YARD GULLY (USE OF EXTRA CHANNEL DRAINAGE SYSTEM AT DISCRETION OF CLIENT).
- PERFORATED PIPE FOR PERMEABLE PAVING DRAINAGE
- PERMEABLE PAVING CONSTRUCTION
- SE 0.30m — SLAB ON EDGE RETAINING FEATURE (EXAMPLE SHOWS MAX. HEIGHT OF 0.30m)
- RW 1.20m — STRUCTURAL RETAINING WALL (EXAMPLE SHOWS MAX. HEIGHT OF 1.2m) HEIGHTS OVER 1.2m NEED INDIVIDUAL DESIGN
- GB 0.45m — GRAVEL BOARD (EXAMPLE SHOWS MAX. HEIGHT OF 0.45m)
- 4C — EXTERNAL WALL WHERE SHOWING MORE THAN 150mm BRICKWORK (EG. 4C = MAXIMUM OF 4 COURSES PLUS 150mm)
- EXTERNAL WALL PROTECTED BY MEANS OF TANKING FACE BRICKWORK TO 150mm ABOVE RETENTION LEVEL
- 125.00 — PROPOSED LEVEL
- 1:XX — DRIVE GRADIENT
- BANKING WORKS (1 IN 3 UNLESS OTHERWISE STATED)

GENERAL NOTES

1. THE CONTRACTOR SHALL CHECK ALL TIE–INS FOR LINE AND LEVEL WITH EXISTING BEFORE COMMENCING ANY WORKS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY, IN WRITING, SHOULD ANY ERRORS BE FOUND.
2. ANY DISCREPANCIES, OF WHATEVER NATURE, MUST BE REPORTED TO THE ENGINEER PRIOR TO THE COMMENCEMENT OR CONTINUANCE OF ANY FURTHER WORKS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974, AND CDM REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE, INCLUDING FULL LIAISON WITHIN HIS RATES.
4. ALL PRIVATE DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF BUILDING REGULATIONS 2000, PART H, "DRAINAGE AND WASTE DISPOSAL". PIPES WITH LESS THAN 600MM COVER TO BE PROTECTED IN ACCORDANCE WITH PART H, DIAGRAM 11.
5. ALL PIPES TO BE 100 OR 110MM DIA. AND LAID AT 1 IN 80 UNLESS STATED OTHERWISE.
6. ALL PIPES, CHAMBERS AND FITTINGS TO BE INSTALLED, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
7. PIPES WHICH RUN ADJACENT TO BUILDINGS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH PART H, CLAUSES 2.23 TO 2.25.
8. ALL MANHOLES AND INSPECTION CHAMBERS SITUATED IN AREAS SUBJECT TO VEHICULAR LOADING TO HAVE CLASS B125 COVERS AND FRAMES TO BS EN124 AND THOSE NOT SUBJECT TO VEHICULAR LOADING TO HAVE CLASS A15 COVERS AND FRAMES.
9. ALL DRAINS IN THE VICINITY OF EXISTING OR PROPOSED TREES TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF NHBC PRACTICE NOTE 3.
10. PRIVATE DRAINAGE FRAMES MUST BE TIED TO MANHOLE RISERS BY USE OF MANUFACTURERS TIES (EG. POLYPIPE REF FRK500 FIXING KIT AND FRK501 BLACK TIES.) THE GROUND WORKS CONTRACTOR WILL BE HELD FULLY RESPONSIBLE FOR ANY ACCIDENTS DUE TO INCORRECT FITTING OR FAILURE TO USE THE CORRECT MANUFACTURERS FIXING EQUIPMENT.
11. ALL EXISTING LAND DRAINS ENCOUNTERED ON SITE DURING CONSTRUCTION TO BE RE–CONNECTED.
12. SHOULD ANY DEPARTURE FROM THE SLAB LEVEL BE CONSIDERED, AGREEMENT SHALL BE SOUGHT FROM THE ENGINEER IMMEDIATELY AND PRIOR TO COMMENCEMENT OR CONTINUANCE OF ANY WORKS, AND SHOULD TAKE FULL ACCOUNT OF ALL RESTRICTIONS TO THE SLAB LEVEL.
13. WHERE A DRIVE SLOPES TOWARDS A GARAGE THERE IS TO BE A 20MM UPSTAND TO THE GARAGE SLAB.
14. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.

REV:	AMENDMENTS:	DRN:	CHK:	DATE:
E	Foul drainage amended, number of foul connections	ARD	PT	05.01.17
D	Surveying updated, sewer reduced to 2	ARD	MA	03.06.16
C	Amended as per Client comments	ARD	MA	09.05.16
B	Levels amended as per client comments	ARD	MA	22.04.16
A	Amended road alignment	DMH	MA	05.04.16

PROJECT:
CRICH ROAD
FRITCHELEY
DERBYSHIRE

DRAWING TITLE:
EXTERNAL WORKS &
PRIVATE DRAINAGE LAYOUT

CLIENT:
PEVERIL HOMES

DRAWING NUMBER:
21510_02_12

REVISION:	SHEET SIZE:	SCALE:
E	A1	1: 250
DRAWN BY:	CHECKED BY:	DATE:
ARD	MA	08.03.16

STATUS:
PRELIMINARY

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