REFERENCE

- Private surface water sewer
- Private foul water sewer
- Storm Inspection chamber (PPIC) <1.2m deep (0.475m dia)
- Storm Inspection chamber (PPIC) >1.2m deep (0.475m dia. with 300mm max restricted access.)
- Foul Mini Access Chamber <0.60m deep (0.300m dia)
- Foul Inspection chamber (PPIC) <1.2m deep (0.475m dia)
- Foul Inspection chamber (PPIC) >1.2m deep (0.475m dia. with 300mm max restricted access.)
- Proposed rodding eye
- Proposed linear drainage channel
- Proposed private gully

1.005 1800Ø 1:250 PLASTIC L=40.000

6.003 1800Ø 1:181 PLASTIC L=9.599

6.001 225Ø 1:65 PLASTIC L=7.151

1.006 1500 1:130 PLASTIC L=27.907

7.000 1500Ø 1:98 PLASTIC L=26.190

1.007 1500 1:130 PLASTIC L=2.286

6.000 250Ø 1:65 PLASTIC L=28.073

200m OF 1800mm DIAMETER STORAGE PIPES

1.005 1800Ø 1:30 PLASTIC L=2.1454

1.009 1500 1:25 PLASTIC L=23.429

1.009 1500 1:100 PLASTIC L=25.817

1.008 1500 1:130 PLASTIC L=23.205

1.008 1500 1:100 PLASTIC L=26.119

5.000 225Ø 1:100 PLASTIC L=1.106

1.004 1500 1:19 PLASTIC L=11.643

1.004 1500 1:97 PLASTIC L=9.767

FLOW CONTROL MANHOLE TO RESTRICT FLOWS TO 5 l/s

1.003 1500 1:130 PLASTIC L=44.270

1.003 3750 1:155 CONC L=44.270

4.000 2550 1:29 PLASTIC L=29.199

4.000 1500 1:27 PLASTIC L=32.559

3.000 1500 1:31 PLASTIC L=33.375

3.000 1500 1:34 PLASTIC L=33.375

450mm SW Sewer

450mm combined Sewer

INVERT LEVELS OF EXISTING SEWERS TO BE VERIFIED

INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE. ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.

NOTES

1. All dimensions in millimetres unless noted otherwise.
2. The existing levels indicated on this drawing are taken from the topographical survey S8577, dated March 2016 carried out by Haycock and Todd.
3. This drawing is to be read in conjunction with all relevant Eastwood & Partners drawings prefixed 38903 as well as all relevant Persimmon Homes planning layouts and house type drawings.
4. Positions of soil pipes, stub stacks, WC outlets,rainwater downpipes shall be checked against Architect's housetype drawings to ensure compatibility.
5. All pipes to be 'Polypipe Polysewer' or similar approved bedded on a class S granular bed and surround. Refer to manufacturers instructions for installation details.
6. If the cover to the pipe is less than 600mm a class Z concrete bed and surround must be used.
7. All trenches in roads, paved areas and below slabs shall be backfilled with Type 1 or Type 2 DOT granular sub-base material.
8. All pipes to be laid soffit to soffit at manholes unless noted otherwise.
9. All insitu concrete to be designated mix FND2 conforming to BS 8500-2 unless agreed otherwise.
10. All building drainage to be 100mm diameter laid at a minimum gradient of 1:40 where serving less than 1 WC, 1 in 80 otherwise (FW) and 1 in 80 (SW) unless otherwise shown.
11. Inspection chambers on private drains/sewers shall be non-access preformed polypropylene.

Depth to invert	Minimum Size
<0.6m	DN300
>0.6m	DN475

    If depth greater than 1.2m then restricted 300mm access to be constructed in accordance with Building Regulations Part H.
12. Adoptable lateral drains should be constructed in accordance with the following:-

    Foul : 100mm less than 10 properties min gradient 1:80
    150 greater than 10 properties min gradient 1:150
    Surface: 150mm less than 10 properties min gradient 1:100
    150mm greater than 10 properties min gradient 1:150
13. All rainwater pipes must be fitted with a roddable access above ground.
14. Rainwater downpipes to be connected directly to drains via removeable adaptor to permit access for rodding.
15. All private drainage to be installed in accordance with Part H of the Building Regulations and BS EN 752 & 12056.
16. Levels in areas surrounding existing trees and boundaries are to be maintained as existing.
17. Lintels or sleeves are to be provided for drains passing through foundation or brickwork.

REV	DESCRIPTION	SIG	CHK	DATE
A	First Issue.			

MILLER HOMES

HONEY WELL LANE, BARNSLEY

PLOT DRAINAGE
SHEET 3 OF 3

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SCALE WHEN PLOTTED AT A1	DRAWING STATUS
1:250	PRELIMINARY

DRAWN	CHECKED	DATE	DRAWING NUMBER	REV
BJM	CH	22.08.16	38903/030	A