



General Notes:

1. A DO NOT USE THIS DRAWING IN ISOLATION. This drawing has been prepared as part of a set, and must therefore be read in conjunction with all other drawings. Any discrepancies or design queries must be reported to the engineer prior to completion of tender and commencement of works. Following completion of works it is assumed that developer and contractor are in full agreement with the design drawings (with the exception of pre tender queries only).
2. The contractor is to use the drawings to prepare the appropriate design and detailing. The contractor is to ensure that the design is in accordance with the relevant standards and specifications. The contractor is to ensure that the design is in accordance with the relevant standards and specifications. The contractor is to ensure that the design is in accordance with the relevant standards and specifications.
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Adoptable Drainage

1. All adoptable drainage works to be in accordance with the water authorities publication 'Sewers For Adoption 8th Edition' as well as the approved drawings.
2. Precast concrete manhole rings to comply with the relevant provisions of BS5911:Part 200.
3. All brickwork to be Class B engineering complying with the relevant provisions of BS 3921. Concrete bricks may be used if their specification is the same as Class B engineering bricks. Please seek approval from relevant water authority before using.
4. Manhole covers and frames shall comply with the relevant provisions of BS EN 124 and be of a non-slip, non-slippery design.
5. Ladders that are required in Type A manholes are to comply with 'Sewers For Adoption 8th Edition'.
6. Concrete must be either C20 sulphate resistant portland cement with high strength concrete topping to the bedding or C30 ordinary portland cement.
7. 150mm concrete surround is required around pipes where the depth from finished surface to centre of pipe is less than 1200mm. This may be reduced to 900mm within open areas.
8. The location of existing drainage that is within close proximity to the proposed site works, which is not to be diverted, should be confirmed by the contractor and reported to the developer to ensure it corresponds to that shown on the engineering layout and that no proposed works are affected.
9. The position, line and diameter of all existing drainage apparatus should be confirmed on site prior to the commencement of the works. Any discrepancies must be reported to the engineer immediately.
10. The condition of foul and surface water drainage to the existing public sewer system shall be subject to the approval of the local sewerage undertaker. The contractor is expected to apply for relevant permits prior to commencing the work.

Electric Services

Works which may be affected by the proposed works should be located by means of a hand in detail liaison with the statutory service authorities. The contractor shall inform the developer of any services that may affect the proposed design. Contractor to notify statutory service authorities prior to commencement of work.

As Constructed Information

Where a contractor is unable to provide the contractor responsibility to provide the following as constructed drawings to the developer upon the completion of the works covered by the contract:

1. Position/coordinates of all adoptable manholes.
2. Invert and cover levels of all adoptable manholes.
3. New gully positions and connections.
4. Position and depth of services ducts for water, gas, electric, BT, cable and street lighting, setting out any number of ducts.

REV	REVISION	BY	DATE
A	Hebburn Avenue Over manholes retained	KNH	11.01.17
B	Site Access Great Hebburn provided	KNH	20.01.17
C	Soil from Junction relocated	KNH	03.03.17
D	Right turn arrow removed, heading added to suit	FE	27.04.17
E	Proposed Right turn arrow removed, overall heading	FE	28.04.17
F	Extended and signs set to 1/1.25 at request of highway	FE	18.03.17
	Layout updated to show trees removed from 15.34m	FE	18.03.17

Overall Status

PRELIMINARY

Title

Miller Homes
Victoria Road
Hebburn
Road Markings 1

Scale	Date
1:500 A3	November 2016

Drawn by	Checked
KNH	Ken.Hay@QueensberryDesign.co.uk

Contract No.	Revision	Client Contract No.
QD1183-20-11	F	-

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