

GENERAL
1. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. ANY DISCREPANCIES ARE TO BE RECORDED AND REPORTED TO THE ENGINEERS IMMEDIATELY.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS AND ARCHITECTS DRAWINGS AND THE SPECIFICATION.

3. ALL WORK IS TO BE TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY BUILDING CONTROL.

4. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF THE WORKS AT ALL TIMES DURING CONSTRUCTION.

5. ALL WORKMANSHIP AND MATERIALS ARE TO BE TO CURRENT BRITISH STANDARDS.

6. ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.

7. ANY EXISTING DETAILS WHICH ARE SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY VARIATIONS ARE TO BE RECORDED AND REPORTED TO THE ENGINEER IMMEDIATELY.

8. ALL HIGHWAY WORKS ARE TO BE IN ACCORDANCE WITH THE LOCAL AUTHORITIES DESIGN GUIDE AND SPECIFICATION.

9. PRIOR TO THE OCCUPATION OF THE FIRST DWELLING, STREET NAMEPLATES SHALL BE ERECTED IN ACCORDANCE WITH THE HIGHWAY AUTHORITY AND TO WORDING AGREED WITH THE PLANNING AUTHORITY.

10. DURING CONSTRUCTION WORKS ON SITE, ALL ROADS AND FOOTPATHS ARE TO BE SWEEPED AND KEPT CLEAR OF OBSTRUCTIONS. THIS IS TO INCLUDE EXISTING HIGHWAYS AS APPROPRIATE TO ENSURE SAFE PASSAGE OF ALL ROAD USERS.

11. PROVISION SHALL BE MADE FOR THE INSTALLATION OF ALL MAINS SERVICES INCLUDING DUCTING PRIOR TO THE LAYING OF THE BASECOURSE.

12. ALL ROAD MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH 'THE TRAFFIC SIGNS REGULATIONS AND DIRECTIONS' 2002.

13. ALL SEWER WORKS ARE TO BE IN ACCORDANCE WITH 'SEWERS FOR ADOPTION 6th EDITION AND WATER AUTHORITY ADDENDUM AS APPLICABLE.'

KEY TO REGRADE LAYOUT	
LEVEL RETAINED AGAINST RETAINING WALL	450mm R/W
LEVEL RETAINED AGAINST GRAVEL BOARDS	300mm G/B
TANKING	Tanking (No)
PROPOSED LEVEL	+0.000
EXISTING LEVEL	-18.78
GRADIENT	/10000
STEPS	1st 2nd 3rd
UNDERBUILD WITH No. OF BRICK COURSES	(3)
EXTENT OF RAISED/SECONDARY D.P.C.	DPC
BANKING MARKER	—
FINISHED FLOOR LEVEL	FFL 0.000

KEY TO SHEET LAYOUT

DRAINAGE KEY FOR DRAWING SHEETS	
PRIVATE SURFACE WATER	PRIVATE FOUL WATER
SURFACE WATER MANHOLE TEXT	Foul Water Manhole Text
SURFACE WATER PIPE-RUN	Foul Water Pipe-Run
Diameter/Gradient	Diameter/Gradient
PRIVATE ROAD GULLY	DIG
PRIVATE YARD GULLY	O.G.
RODDING EYE	—
RAIN WATER PIPE	RWP
NOTE: ORIFICE PLATES INSTALLED UPSTREAM OF ADOPTABLE MANHOLE NOTED ON ORIFICE SCHEDULE.	
B REVISED TO SUIT NEW LAYOUT A REVISED TO SUIT NEW D.P.C. AND LAYOUT Rev	
KK MS 26.08.2016 KK MS 09.08.2016 Approved Date	

jms CIVIL & STRUCTURAL CONSULTING ENGINEERS
London - Middlesbrough - East Anglia - Manchester - Cumbria
Tel: 0207 347 5259
JMS East: Digital Unit 10 Brightwell Barns, Waddington Road, Sutton IP10 0BJ
JMS Chelmsford: 473-481 High Street, Chelmsford CM1 1QZ
JMS Chelmsford B1C10 - The MedBIC, Alan Cherry Drive, Chelmsford, Essex CM1 1SQ
Tel: 01245 535866
JMS Midlands: Victoria Court, Tarrant Street, Nuneaton, Warwickshire CV11 4LZ, Tel: 02476 350505
JMS Manchester: 79 Thomas Street, Manchester M4 1LQ
Tel: 0161 883 2900
JMS Greece: 27 Arapitos Street, Sykies, Thessaloniki 54628 Greece
Tel: 0030 2310 960656

Project
PARCEL H1, NORTHSTOWE

Drawing Title
**ENGINEERING LAYOUT
SHEET 3 OF 3**

Client
BLOOR HOMES

Drawn by KK	Designed by KK
Approved by MJ	Checked by MS
Scale 1:200	Date JULY 2016
Drawing No. EA122-EN-08	
Rev. B	

PRELIMINARY

