



ALIGNMENT - (1) - LONGSECTION
SCALE: H 1:500, V 1:100. DATUM: 130.000

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
2. ALL DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF BS 752 BUILDING DRAINAGE AND BUILDING REGULATIONS 2000 APPROVED DOCUMENT H 2002 EDITION.
3. ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS SHALL BE STATED IN THE BILL OF MATERIALS REPRESENTATIVE/ENGINEER IN ADVANCE OF THE WORKS.
4. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND DETAILS AND CONTRACT DOCUMENTATION
5. ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE PRIOR TO CONSTRUCTION.
6. LOCATION AND LEVELS OF EXISTING DRAINAGE RUNS ARE BASED UPON SEWER RECORD PLANS AND MUST BE CHECKED WORKS. PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS.
7. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS WHERE UNDERKNEEN TO AVOID CONFLICT WITH THE PROPOSED WORKS.
8. ALL DRAINAGE AND FITTINGS TO BE FLEXIBLY JOINTED OR FLEXIBLY JOINTED UPVC PIPES AND FITTINGS TO WS N 4.3.4.05.
9. TYPICAL PIPE SECOND TO DRAINAGE WHERE DEPTH TO SOFFIT IS GREATER THAN 1200mm IN TRAFFICKED AREAS AND GREATER THAN 1500mm IN LANDSCAPED AREAS IS TO BE CLASS 5. UNLESS OTHERWISE SPECIFIED, ALL PIPES TO BE IMPORTED GRANULAR BED AND SURROUND FOR PIPES GREATER THAN 625mm
10. WHERE DEPTH TO SOFFIT OF DRAINAGE PIPEWORK IS LESS THAN 1200mm IN LANDSCAPED AREAS AND LESS THAN 1500mm IN TRAFFICKED AREAS, THE PIPES SHALL BE CLASS 5. UNLESS OTHERWISE SPECIFIED, ALL PIPES TO BE IMPORTED GRANULAR BED AND SURROUND FOR PIPES GREATER THAN 625mm
11. BACKFILL TO DRAINAGE TRENCHES UNDER CARRIAGEWAYS TO BE TYPE 1 SUB-BASE MATERIAL, ELSEWHERE BACKFILL TO BE FREE DRAINING READILY COMPATIBLE MATERIAL, FREE FROM LUMPS AND LARGE STONES. TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK.
12. MANHOLE DIAMETERS SHOULD BE IN ACCORDANCE WITH THE TABLE BELOW.
13. A FLEXIBLE JOINT SHALL BE PROVIDED AS CLOSE AS IS FEASIBLE TO THE NEXT MANHOLE. THE LENGTH OF THE JOINT SHALL BE AS SHOWN IN THE TABLE BELOW.
14. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.
15. ALL ADOPTABLE DRAINAGE HAS BEEN DESIGNED NOT TO EXCEED A FLOW RATE OF 1.0 L/S PER MANHOLE.
16. ALL ADOPTABLE DRAINAGE HAS BEEN DESIGNED TO 'SEWERS FOR ADOPTION 8th EDITION'

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375-450	1500
450-700	1900
750-900	1800
950-1200	2100

NOMINAL DIAMETER (mm)	EFFECTIVE LENGTH (m)
150-600	0.6
675-750	1.0
825 AND OVER	1.25

Rev Description Chg / App Date

Issue PRELIMINARY

Client/Architect
KEYWORKER HOMES LTD

Contract
RESIDENTIAL DEVELOPMENT
FORGE WORKS
BIDDULPH

Title
LONGITUDINAL SECTION



4th SHARDLEIGH ROAD, COVENTRY CV3 9AL
Phone: 02469 272000 Email: info@keytechdesign.co.uk

Date JAN 18 Scale AS SHOWN
Original Size
Drawn HEB
Checked Approved

Drawing No. K686-110
Revision