

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED AND ONLY WRITTEN DIMENSIONS SHALL BE USED



NOTES:

1. ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE.
2. ALL PRIVATE DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF BS 752 BUILDING DRAINAGE AND BUILDING REGULATIONS 2010 APPROVED DOCUMENT H 2002 EDITION. ALL ADOPTABLE DRAINAGE TO COMPLY WITH THE REQUIREMENTS OF SEVERN TRENT WATER AND SEWERS FOR ADOPTION (6th EDITION), INCLUDING THE RELEVANT PROVISIONS OF THE COMBINED ADDENDUM.
3. ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS ARE TO BE AGREED WITH THE EMPLOYER'S REPRESENTATIVE/ENGINEER IN ADVANCE OF THE WORKS.
4. ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMPLOYER'S REPRESENTATIVE/ENGINEER PRIOR TO CONSTRUCTION.
5. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS WHERE NECESSARY PROTECTION OR DIVERSIONS TO BE UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORKS.
6. TYPICAL PIPE BEDDING TO DRAINAGE WHERE DEPTH TO SOFFIT IS GREATER THAN 600mm IN LANDSCAPED AREAS AND GREATER THAN 1200mm IN ADOPTABLE HIGHWAYS AND 900mm IN OTHER TRAFFICKED AREAS IS TO BE CLASS S (I.E. 10-14mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES UP TO 525 Dia AND 20-40mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES GREATER THAN 525 Dia)
7. BACKFILL TO DRAINAGE TRENCHES UNDER CARRIAGEWAYS TO BE TYPE 1 SUB-BASE MATERIAL. ELSEWHERE BACKFILL TO BE FREE DRAINING READILY COMPATIBLE MATERIAL, FREE FROM RUBBISH AND ORGANIC MATTER, FROZEN SOIL, CLAY LUMPS AND LARGE STONES. TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK.
8. A FLEXIBLE JOINT SHALL BE PROVIDED AS CLOSE AS IS FEASIBLE TO OUTSIDE FACE OF ANY STRUCTURE INTO WHICH A PIPE IS BUILT, COMPATIBLE WITH THE SATISFACTORY COMPLETION AND SUBSEQUENT MOVEMENT OF THE JOINT. THE LENGTH OF THE NEXT PIPE (ROCKER PIPE) AWAY FROM THE STRUCTURE SHALL BE AS SHOWN IN THE TABLE BELOW.

NOMINAL DIAMETER (mm)	EFFECTIVE LENGTH (m)
150-600	0.6

9. FINISH FLOOR LEVELS & DRAINAGE DESIGN LEVELS ARE INDICATIVE AND TO BE AMENDED FOLLOWING RECEIPT A OF FORMAL TOPOGRAPHICAL SURVEY. TOPOGRAPHICAL SURVEY TO BE CARRIED OUT IN OUTFALL LOCATION PRIOR TO ANY CONSTRUCTION ONLY.
10. THIS DRAWING IS PRODUCED FOR PLANNING PURPOSES ONLY.
11. SVP AND RWP LOCATIONS TO BE CONFIRMED PRIOR TO ANY CONSTRUCTION ON SITE.
12. LEVELS TO BE CONFIRMED PRIOR TO CONSTRUCTION.

KEY

- 1200mm (DIA MH) PRIVATE SURFACE WATER SEWER. REFER TO NETWORK 1 TABLE FOR PIPE DETAILS.
SWS
RODDING EYE REFER TO SIMULATION CALCULATIONS FOR ALL MANHOLE SIZES
- 1200mm (DIA MH) PRIVATE FOUL SEWER. PIPE TO BE 150mm IN DIAMETER AND MANHOLE TO BE POLYTHENE 450mm IN DIAMETER UP TO 1m DEPTH AND 1200mm DIAMETER CONCRETE RINGS GRATER THAN 1m DEPTH OR WITHIN ROAD
- FWS
PWS

Revision	Details	By	Check	Date	Suffix
----------	---------	----	-------	------	--------

Drawing Number	Revision
J02110/A1/001	

KNOLTON HALL

Drawing Title
PROPOSED DRAINAGE LAYOUT

Scale at A1	Detailed	Approved
1:200		James Mewis
Drawn	Tech Chk	Det Chk
RAW	JJM	
Date	09.02.21	

www.jnmengineering.co.uk

14-16 High Street, Ironbridge, Shropshire, TF8 7AD
Tel: 01952 684675
info@jnmengineering.co.uk
Company Registration Number: 05782540