



Notes:

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- WORK TO FIGURED DIMENSIONS ONLY.
- THIS DRAWING SHOULD ONLY BE USED AS INTENDED
- ALL DIMENSIONS IN METERS UNLESS STATED OTHERWISE.
- ALL PRIVATE DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF BS 752 BUILDING DRAINAGE AND BUILDING REGULATIONS 2000 APPROVED DOCUMENT W 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.
- 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.
- ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMPLOYER'S REPRESENTATIVE/ENGINEER PRIOR TO CONSTRUCTION.
- LOCATION AND LEVELS OF EXISTING DRAINAGE RUNS ARE BASED UPON SEWER RECORD PLANS AND MUST BE CHECKED ON SITE PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS.
- 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.
- ALL ADOPTABLE DRAINAGE AND FITTINGS TO BE FLEXIBLY JOINTED CLAYWARE TO BS EN293 OR CONCRETE TO BS5911 PART 100. FLEXIBLY JOINTED UPVC PIPES AND FITTINGS TO WS No 4-13-05 MAY BE USED FOR PRIVATE BUILDING DRAINAGE SYSTEMS ONLY.
- 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 325 Dia AND 20 - 40mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES GREATER THAN 325 Dia)
- 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.
- CONCRETE MIXES INDICATED ON THIS DRAWING ARE DESIGNATED MIXES CONFORMING TO BS 8500-1, 2002.
- 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 - 150mm-600mm = EFFECTIVE LENGTH 600mm
- RWP & SVP LOCATIONS TO BE CONFIRMED ONSITE PRIOR TO ANY CONSTRUCTION
- SOAKAWAYS DISCOUNTED FROM DESIGN DUE TO HIGH GROUNDWATER TABLE
- ALL SITE LEVELS TO BE UPDATED ON RECEIPT OF TOPOGRAPHICAL SURVEY
- COVER LEVELS TO BE UPDATED ON RECIPIT OF EXTERNAL LEVELS DRAWINGS
- PROPOSED SEWERS WITHIN PUBLIC HIGHWAY SUBJECT TO SECTION 104 AGREEMENT

KEY:

- 450mm (DIA MH) PRIVATE SURFACE WATER SEWER. SEE PIPE SCHEDULE FOR PIPE SIZES. SEE SIMULATION CALC'S FOR MANHOLE SIZES.
- RODDING EYE
- 1500mm (DIA MH)
- 1200mm (DIA MH) PRIVATE FOUL SEWER. PIPE TO BE 150mm IN DIAMETER AND MANHOLE TO BE POLYTHENE 600mm IN DIAMETER UP TO 1m DEPTH AND 1200mm DIAMETER CONCRETE RINGS GRATER THAN 1m DEPTH OR WITHIN ROAD
- 600mm (DIA MH)
- PUBLIC SURFACE WATER SEWER. TO BE ADOPTED UNDER S104 AGREEMENT
- PUBLIC FOUL SEWER. TO BE ADOPTED UNDER S104 AGREEMENT

REV:	DESCRIPTION:	BY:	DATE:
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SITE: 34 MILNERS LANE TELFORD, TF4 2JJ			
TITLE: PROPOSED DRAINAGE LAYOUT			
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