

BS 882.BS1047,BS3797
GRADED
5mm to 14mm
5mm to 14mm or 5mm to 20mm
5mm to 14mm or 5mm to 20mm
5mm to 14mm or 5mm to 20mm or 5mm to 40mm

LIGHT ROADS	LAID IN MAIN ROADS
.0m	1.2m - 8.0m
.0m	1.2m - 4.5m
.5m	1.2m - 4.0m
.5m	1.2m - 4.0m
.0m	1.2m - 2.5m
.5m	1.2m - 2.5m
.5m	1.2m - 3.0m
.0m	0.9m - 7.0m

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## Notes:

. This drawing is to be read in conjunction with all relevant architect's and engineer's drawings.

2. It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

PRIVATE DRAINAGE NOTES

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- NO DIMENSIONS TO BE SCALED FROM THIS DRAWING. MANHOLES, SEWERS ETC AND ANY OTHER PART OF THE WORKS INTENDED FOR ADOPTION UNDER A SECTION 104 AGREEMENT OR GULLIES ETC INTENDED FOR ADOPTION AS HIGHWAY DRAINAGE ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE W.W.A. SPECIFICATION "SEWERS FOR ADOPTION" 6th EDITION, AND TO THE
- REGULATORS APPROVAL UN ADOPTED FW AND SW DRAINAGE IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE BUILDING REGULATIONS, BS 8301 AND RELEVANT AGREEMENT CERTIFICATES.
- DRAINS ARE TO BE CONSTRUCTED USING FLEXIBLY JOINTED VITRIFIED CLAY PIPES TO BS 65 "SUPER STRENGTH" SPECIFICATION (E.G. HEPWORTH SUPERSLEEVE OR SIMILAR) OR UPVC BUILDING DRAINAGE SYSTEM PIPEWORK TO BS. 4660 AND BS. 2494, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS BACKFILLING OF DRAIN TRENCHES ADJACENT TO DWELLINGS OR OTHER STRUCTURES TO BE IN ACCORDANCE WITH BS. 8301-FIG.9.
- WHERE CLAY OR CONCRETE RIGID PIPES ARE LAID UNDER DRIVEWAYS THE MIN COVER WITHOUT CONCRETE PROTECTION IS 1200mm. WHERE PLASTIC FLEXIBLE PIPES (NOMINAL RING STIFFNESS SN4) IN CLASS S BEDDING ARE USED THE MIN DEPTH OF COVER BELOW DRIVEWAYS CAN BE REDUCED TO 900mm WITHOUT THE NEED FOR CONCRETE PROTECTION.
- 10. ALL PIPES TO BE 100mm DIAMETER UNLESS STATED OTHERWISE. ACCESS FITTINGS AND INSPECTION CHAMBERS LESS THAN 1.2m DEEP 11 ARE TO BE CLAYWARE OR PRE-FORMED POLYPROPELENE AS APPROPRIATE TO THE NUMBER OF CONNECTIONS, POLYPROPELENE CHAMBERS CAN BE USED UP 3.0m DEEP BUT REQUIRE MAX 350mm DIAM REDUCED COVER TO PREVENT MAN ENTRY. MANHOLE CHAMBERS ARE TO BE OF PRECAST CONCRETE CONSTRUCTION WITH 150mm INSITU CONCRETE SURROUND. INSPECTION CHAMBER SIZES ARE TO BE IN ACCORDANCE WITH TABLE 8 OF BS. 8301.
- COVER LEVELS INDICATED ON THE DRAWING ARE NOMINAL AND MAY 12. BE ADJUSTED TO SUIT FINISHED FOUND LEVELS AS NECESSARY. RAINWATER DOWNPIPES TO BE CONNECTED DIRECT TO DRAIN USING 13. AN APPROPRIATE ADAPTOR AND REMOVABLE SECTION OF DOWNPIPE TO PERMIT RODDING ACCESS.
- WHERE DRAINS PASS THROUGH FOUNDATIONS OR OTHER RIGID STRUCTURES, A LINTEL OR SLEEVE IS TO BE USED AND PROVISION FOR FLEXIBILITY IS TO BE MADE WITH "ROCKER PIPES". ANY EXISTING LAND DRAINS SEVERED BY SITE OPERATIONS SHOULD 15.
- BE DIVERTED AROUND ANY PROPERTIES AND RECONNECTED TO THE EXISTING LAND DRAINAGE SYSTEM VIA A SILT TRAP. 16. THE POSITIONS OF SVP'S, STUB-STACKS, W.C. OUTLETS ETC AND RAINWATER DOWNPIPES ARE TO BE ACCURATELY LOCATED FROM
- THE BUILDING WORKING DRAWINGS. DRAINS WITHIN AREAS OF "MADE GROUND" TO BE CONSTRUCTED BY FIRST MAKING UP THE AREA TO APPROXIMATE FINISHED LEVEL AND THEN EXCAVATING THROUGH THE FILL MATERIAL INTO UNDISTURBED GROUND. THE DRAIN TRENCH IS THEN TO BE BACKFILLED TO
- FORMATION LEVEL USING SUITABLE GRANULAR FILL MATERIAL WELL COMPACTED IN LAYERS NOT EXCEEDING 225mm. PRIVATE DRAINAGE CONNECTIONS TO ADOPTABLE SEWERS TO BE 18. VIA 45° JUNCTIONS AND NOT SADDLES.

No.		Revision	Date	Drwn		
Status Preliminary						
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Project						
Laurel House,						
Stockton on the Forest						
Drawing title Drainage Layout						
Drawı	AB Chkd AD	Date April 2018	Scale Var			
Contra	act No. 18149	Drg No. C-50	Revision _			