

BELOW GROUND DRAINAGE

NEW DRAIN RUNS TO BE 100mm VITRIFIED CLAYWARE OR PVCu PIPES WITH FLEXIBLE JOINTS LAID IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND APPROVED DOCUMENT H RUNS TO BE LAID IN A GRANULAR BED AND SURROUND OR ENCASED IN CONCRETE BENEATH STRUCTURE. RUNS PASSING THROUGH STRUTURAL WALLS TO BE BRIDGED WITH CONCRETE LINTOLS ANS HAVE JOINTS WITHIN 150mm OF WALL ON EITHER SIDE. DRAINS ARE TO BE LAID TO A FALL OF 1:40 & NOT LESS THAN 1:80.

NEW MANHOLES TO COMPRISE ONE OF THE FOLLOWING:
1/. CONCRETE BASE WITH ENGINEERING BRICKWORK SIDES
2/. CONCRETE BASE WITH PRECAST CONCRETE RINGS.
3/. PROPRIETRY PREFORMED PLASTIC UNITS.
CHANNELS FOR TYPES 1/. AND 2/. TO BE CLAYWARE HALF ROUND CHANNELS BEDDED AND BENCHED IN CEMENT MORTAR.

MANHOLE COVERS TO BE METAL SINGLE SEAL COVERS.
COVER GRADE TO BE LIGHTWEIGHT (PEDESTRIAN AREAS) OR MEDIUM (VEHICULAR AREAS)
THE REPLACEMENT/NEW FOUL DRAIN RUN IS TO BE CONNECTED TO THE EXISTING ON SITE FOUL MANHOLE CONNECTED TO THE ADOPTED FOUL SEWER LOCATED IN THE HICKMANS LANE CARRIAGEWAY.

SLAB, COVER AND INVERT LEVELS ARE TO BE AGREED ON SITE

ALL RW DOWNPIPES TO BE PROVIDED WITH RODDING ACCESS AT BASE AND BE CONNECTED TO EXISTING ON SITE SURFACE WATER DRAIN SILT TRAP CONNECTED TO THE ADOPTED SW SEWER LOCATED IN THE ADJOINING TWITTEN.

ALL PATHS / PATIOS ARE TO BE BUILT FROM IMPERMEABLE MATERIALS

COMPLETED INSTALLATION TO BE TESTED TO THE SATISFACTION OF THE LOCAL AUTHORITY

ABOVE GROUND DRAINAGE

FOUL DRAINAGE PIPEWORK TO BE PVCu TO BS 4514 WITH INSTALLATION IN ACCORDANCE WITH BS 5572
MINIMUM SIZES FOR DRAINAGE CONNECTIONS TO BE:-
WC/SOIL PIPES - 110mm NOMINAL
SINK/BATH/SHOWER - 40mm NOMINAL
BASIN - 32mm NOMINAL
OVERFLOW - 19mm NOMINAL

VP TO BE TAKEN THROUGH ROOF TO AN APPROVED RIDGE OUTLET

STUB STACKS TO BE PROVIDED WITH AN APPROVED AIR ADMITTANCE VALVE ABOVE CISTERN LEVEL

SOIL PIPES TO BE WRAPPED IN MINERAL WOOL AND CASED IN 2 LAYERS 12.5mm. PLASTERBOARD.

SYSTEM TO BE PROVIDED WITH ACCESS PANELS TO ENABLE ENTIRE SYSTEM TO BE RODDED.

SURFACE WATER DRAINAGE/ATTENUATION

SURFACE WATER DRAINAGE PIPEWORK TO BE PVCu TO BS 4514 WITH INSTALLATION IN ACCORDANCE WITH BS 5572
MINIMUM SIZES FOR DRAINAGE CONNECTIONS TO BE 100mm

ALL RAINWATER DOWNPIPES TO DISCHARGE INTO RODABLE RAINWATER SHOES

ALL SURFACE WATER DRAINAGE PIPEWORK TO BE DISCHARGE INTO THE 4 X 4.25 X 0.4mm ATTENUATION SOAKAGE CHAMBER FORMED WITH STORM CRATES WRAPED IN GEOTEXTILE MEMRANE IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS

THE ATTENUATION SOAKAGE CHAMBE IS TO BE PROVIDED WITH AN OVERFLOWPIPE LOCATED 0.5mm ABOVE THE ORIFICE OPENING AND SILT/DEBRIS TRAPS ARE TO BE LOCATED ON ALL SURFACE WATER PIPES FEEDING THE ATTENUATION CHAMBER AND A 25mm DIAMETER ORIFICE PLATE PROVIDED IN THE FLOW CONTROL CHAMBER.

NOTE:
THE EXISTING SURFACE WATER GULLEY IS TO BE REPLACED WITH A NEW MANHOLE TO TAKE THE FOUL & SURFACE WATER DRAINAGE PIPES SERVING THE PROPOSED NEW HOUSE.



High Street



126
West Terrace

Project

PROPOSED RESIDENTIAL ACCOMMODATION
122 HIGH STREET
HURSTPIERPOINT
WEST SUSSEX
BN6 9PX

Drawing

PROPOSED DRAINAGE LAYOUT



Architects & Planning Consultants
Clock Tower House, Lewes Road
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Client

MR A CHOUDHURY

Drawing no.	date	scale	drawn			
	06/26	1:100@A2	GRM			
1725.P02	revisions	A				

© THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
NO DIMENSIONS TO BE SCALED FROM DRAWINGS.
IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH BUILDING REGULATIONS.