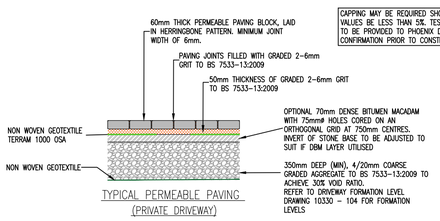
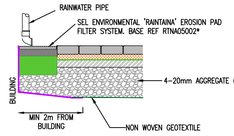


RAIN WATER PIPE DISCHARGING TO PERMEABLE PAVING



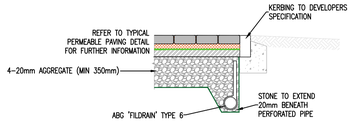
CAPPING MAY BE REQUIRED SHOULD CBR VALUES BE LESS THAN 5%. TESTING RESULTS TO BE PROVIDED TO PHOENIX DESIGN FOR CONFIRMATION PRIOR TO CONSTRUCTION

TYPICAL PERMEABLE PAVING (PRIVATE DRIVEWAY)



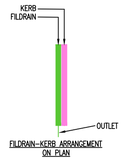
'RAINTAINA' DOWNPIPE FILTER CHAMBER

NOTE: DETAILS CAN BE USED IN CONJUNCTION WITH PERMEABLE PAVING DETAIL

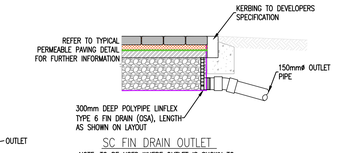


ABG FILDRAIN TYPE 6 OUTLET

NOTE: TO BE USED WHERE OUTLET IS SHOWN TO THE SIDE

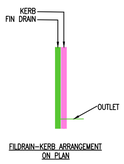


FILDRAIN-KERB ARRANGEMENT ON PLAN



SC FIN DRAIN OUTLET

NOTE: TO BE USED WHERE OUTLET IS SHOWN TO THE FRONT/ REAR



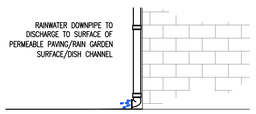
FILDRAIN-KERB ARRANGEMENT ON PLAN

GENERAL NOTES

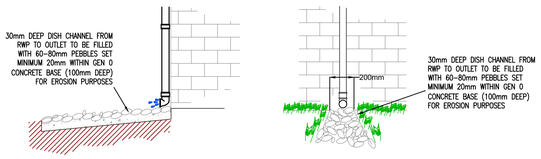
1. DO NOT SCALE
2. THE CONTRACTOR IS TO CHECK AND VERIFY ALL BUILDINGS AND SITE DIMENSIONS AND LEVELS, INCLUDING SEWER INVERT LEVELS, BEFORE WORKS START ON SITE. THE CONTRACTOR IS TO COMPLY IN ALL ASPECTS WITH THE CURRENT BUILDING LEGISLATION, BRITISH STANDARDS, BUILDING REGULATIONS ETC.
3. POSITIONS OF EXISTING SERVICES/STATUTORY UNDERTAKERS APPARATUS ADJACENT TO OR CROSSING PROPOSED EXCAVATIONS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO STARTING WORK.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AND CHECKED AGAINST ALL OTHER DRAWINGS, ENGINEERING DETAILS, SPECIFICATION AND ANY STRUCTURAL, GEOTECHNICAL OR OTHER SPECIALIST DOCUMENT PROVIDED.
5. ANY ANOMALY OR CONTRADICTION BETWEEN ANY OF THE ABOVE IS TO BE REPORTED TO THE DEVELOPER

NOTES

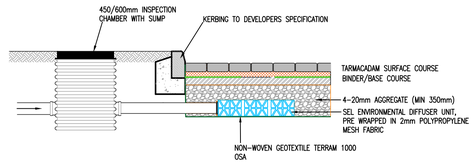
1. THE PLANNING, DESIGN AND CONSTRUCTION OF FEATURES SHALL BE IN ACCORDANCE WITH CIRIA C753 THE SuDS MANUAL, CIRIA C768 GUIDANCE ON THE CONSTRUCTION OF SuDS.
2. ALL 'SHARED' SuDS FEATURES TO BE ADOPTED BY LOCAL LLfA TEAM/ MANAGEMENT COMPANY.
3. PRIVATE SuDS FEATURES SUCH AS DRIVEWAYS ARE THE RESPONSIBILITY OF THE INDIVIDUAL PLOT OWNER , MAINTENANCE OF THE FEATURES WILL NEED TO BE CARRIED OUT IN LINE WITH THE MAINTENANCE SCHEDULE.
4. ALL HEADWALLS WITH PIPES GREATER THAN 225mm TO HAVE STAINLESS STEEL GRATE (INLET) OR NON RETURN FLAP VALVE (OUTLETS)
5. ALL LANDSCAPING SHOWN IS INDICATIVE. LANDSCAPING TO BE SPECIFIED BY LANDSCAPE ARCHITECT
6. ANY VARIATIONS TO THE PRODUCTS USED ARE TO BE APPROVED BY THE ENGINEER
7. ALL WORKS ARE TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH THE DRAWINGS. ANY VARIATIONS ARE TO BE AGREED WITH THE ENGINEERS & LLfA
8. WHERE GROUNDWATER IS ENCOUNTERED WITHIN SuDS FEATURES, THE NON WOVEN GEOTEXTILE IS TO BE REPLACED WITH IMPERMEABLE MEMBRANE.
9. IN ALL INSTANCES WHERE PERMEABLE SUB BASE IS SPECIFIED ALONG A BUILDING, AN IMPERMEABLE LINER TO BE LAID DOWN BUILDING FACE AND A MINIMUM OF 2m FROM BUILDING - SEE DETAIL.
10. ALL FORMATION LEVELS TO ACHIEVE A MINIMUM OF CBR OF 5%. WHERE THIS CANT BE ACHIEVED, A 6F2 CAPPING TO BE USED WHERE SUB BASE IS FULLY LINED OR A TENSAR GEOGRID (OSA) TO BE USED (WHERE RELIANT UPON INFILTRATION) - TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION
11. WHERE SUB BASE EXCEEDS 600mm DEEP, TENSAR GEORGRID (OSA) TO BE PLACED AT 450mm CENTRES AND AT THE BASE.
12. DEVELOPER TO SEEK GEOTECHNICAL ADVICE TO CONFIRM SUITABILITY OF PERMEABLE SUB BASE/ UNLINED RAIN GARDEN ADJACENT TO FOUNDATIONS GIVEN GROUND CHARACTERISTICS
13. SEL ENVIRONMENTAL RAINTAINA EROSION PAD FILTER SYSTEM TO BE FITTED WITH PERFORATED TRAY FILLED WITH 10mm SINGLE SIZED AGGREGATE



RAIN WATER PIPE DISCHARGING TO NON PERMEABLE SURFACE

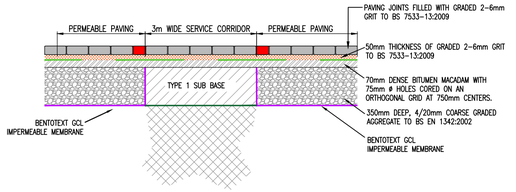


RAIN WATER PIPE DISCHARGING TO 'INFORMAL' CHANNEL

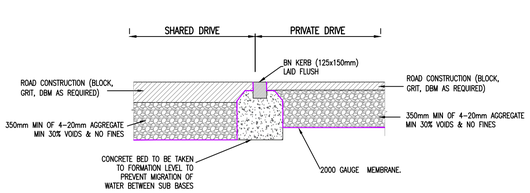


TYPICAL INLET/ OUTLET TO PERMEABLE PAVING PARKING BAY/ DRIVE SUB BASE DETAIL

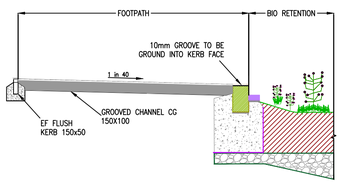
NOTE: DETAILS CAN BE USED IN CONJUNCTION WITH PERMEABLE PAVING DETAIL



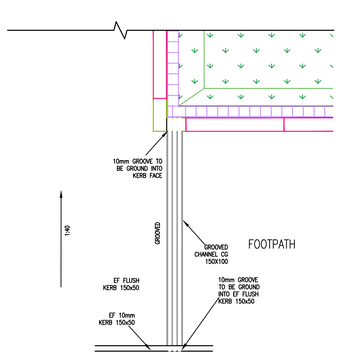
PERMEABLE PAVING SERVICE CORRIDOR



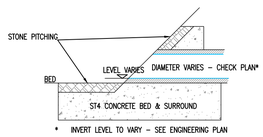
TYPICAL DELINEATION KERB DETAIL



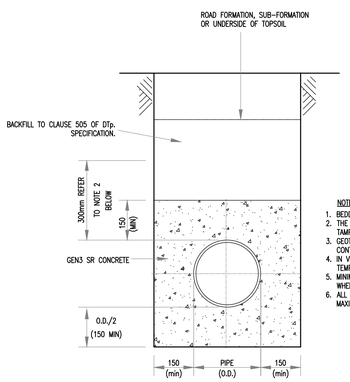
GROOVED CHANNEL IN FOOTPATH (SECTION)



GROOVED CHANNEL IN FOOTPATH (PLAN)

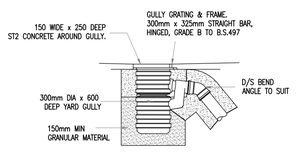


STONE FACE OUTET 150/225mmø PIPE

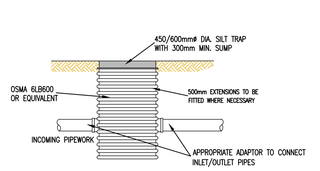


NOTES:
1. BEDDING BENEATH AND AT THE SIDES OF THE PIPE TO BE WELL COMPACTED.
2. THE FIRST 300mm OF FILL ABOVE THE CROWN OF THE PIPE IS TO BE LIGHTLY TAMPED BY HAND. MECHANICAL COMPACTION MAY BE USED ONLY ABOVE THIS LEVEL.
3. GEOTEXTILES MAY BE USED WHERE DIRECTED OR APPROVED BY THE ENGINEER TO CONTAIN BEDDING MATERIAL IN CERTAIN SOILS e.g. RUNNING SAND
4. IN VERY WET CONDITIONS, WHERE DIRECTED OR APPROVED BY THE ENGINEER A TEMPORARY LAND DRAIN MAY BE LAID WITHIN THE GRANULAR BED.
5. MINIMUM DEPTHS AS PER SFA7 CLAUSE B3.10. CONCRETE SURROUND TO BE USED WHERE MINIMUM DEPTHS CANNOT BE MET.
6. ALL PIPES WITH CONCRETE SURROUND TO HAVE 20mm COMPRESSIBLE FIBREBOARD AT MAXIMUM OF 3M CENTERS AND AT CENTERLINE OF EVERY JOINT

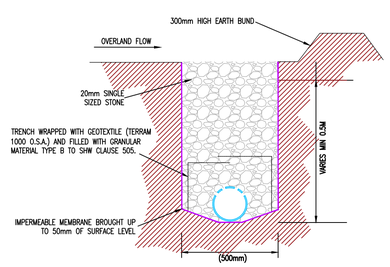
PIPE CONCRETE PROTECTION



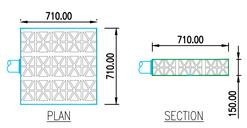
TYPICAL YARD GULLY DETAIL



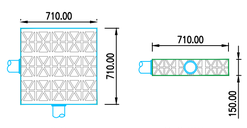
FILTER DRAIN CATCHPIT (CP)



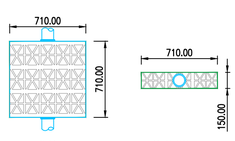
150mmø FILTER DRAIN DETAIL



SEL DIFFUSER UNIT (SINGLE ENTRY REF PVOD05101)



SEL DIFFUSER UNIT (LEFT/RIGHT) ENTRY REF PVOD05104)



SEL DIFFUSER UNIT (TOP/BOTTOM) ENTRY REF PVOD05103)

Revision:

Project: Blackmore Farm
Melksham

Client: DAVID WILSON HOMES WHERE QUALITY LIVES

Drawing: SuDS Standard Drainage Details

Scale: NTS
Date: Jnue 26
Drawn by: NL

Drawing No: 10466 - 113 - 01
Rev: -

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Drg.Status: FOR APPROVAL