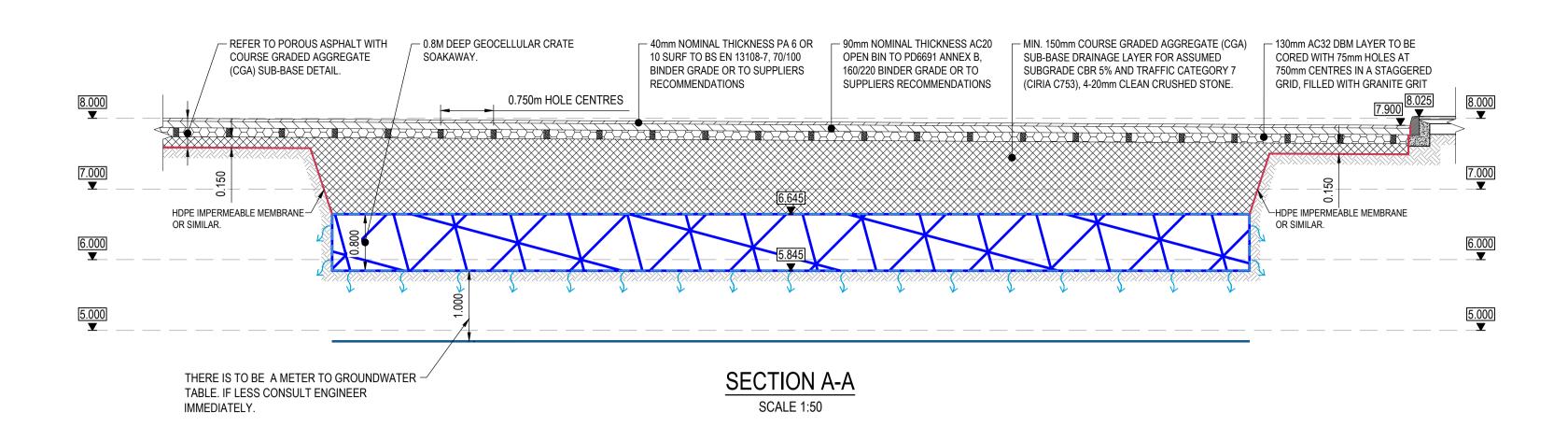
200 400 600 800 1000 mm SCALE 1:20



- 40mm NOMINAL THICKNESS PA 6 OR 10 SURF TO BS EN 13108-7, 70/100 BINDER GRADE OR TO SUPPLIERS RECOMMENDATIONS - 90mm NOMINAL THICKNESS AC20 OPEN BIN TO PD6691 ANNEX B. 160/220 BINDER GRADE OR TO SUPPLIERS RECOMMENDATIONS - 130mm AC32 DBM LAYER TO BE CORED WITH 75mm HOLES AT 750mm CENTRES IN A STAGGERED GRID, FILLED WITH GRANITE GRIT ☐ MIN. 150mm MOT TYPE 3 SUB-BASE COMPLYING WITH SHW CLAUSE 805. THICKNESS CAN BE INCREASED TO SUIT FINISHED LEVELS. 0.750m HOLE CENTRES -NONWOVEN GEOTEXTILE, TERRAM T1000 O.S.A TO BASE AND SIDES OF EXCAVATION PRIOR TO LAYING OF SUB-BASE, SUITABLY LAPPED AT JOINTS

POROUS ASPHALT WITH COURSE GRADED AGGREGATE (CGA) SUB-BASE

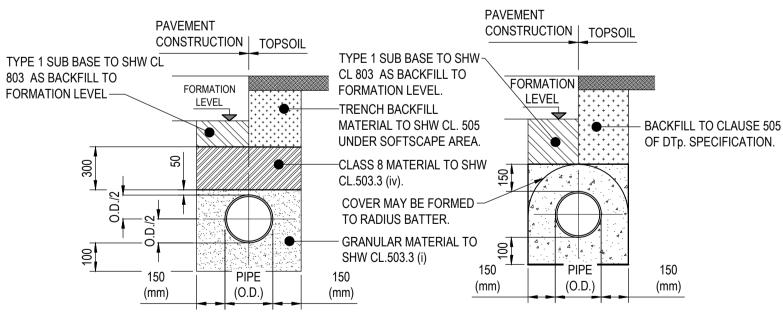
SCALE 1:20

70mm NOMINAL THICKNESS PA 6 OR 10 SURF TO BS EN 13108-7, 70/100 BINDER GRADE OR TO SUPPLIERS RECOMMENDATIONS MIN. 100mm MOT TYPE 3 SUB-BASE COMPLYING WITH SHW CLAUSE 805. THICKNESS CAN BE INCREASED TO SUIT FINISHED LEVELS. — NON-WOVEN GEOTEXTILE. TERRAM T1000 O.S.A. - HDPE IMPERMEABLE MEMBRANE OR SIMILAR. EXISTING NON-COMPACTED GROUND. -150Ø PERFORATED PIPE WITH MIN. FALL OF 1 IN 200

POROUS ASPHALT FOOTPATH WITH PERFORATED PIPE LAID IN SUMP CONSTRUCTION DETAIL

100Ø VERTICAL OVERFLOW / INSPECTION -PIPE WITH VENT COWL COVER, XXXmm ABOVE FINISHED SOIL. SUITABLE WILD FLOWER PLANTING MIX, AS — RECOMMENDED BY GREEN ROOF SPECIALIST OR GUIDANCE SORT FROM VALE CONSULTANCY PLANTING SCHEDULE ON DRAWING 16082 500. PARAPET TO EXTEND 200mm — ABOVE SOIL LEVEL. HDPE IMPERMEABLE MEMBRANE OR SIMILAR. RETENTION PROFILE. MOT TYPE 3 SUB-BASE OR -300mm PLANTING MEDIUM SOIL 4-20mm CLEAN CRUSHED MIX. 30% SAND, 30-40% LOAMY STONE. TOPSOIL & 30% ORGANIC MATERIAL WEEPHOLE THROUGH PARAPET TO ALLOW SURFACE WATER TO STONE DRAINAGE LAYER TO BE DISCHARGE TO HOPPER AND ENCAPSULATED BY GEOTEXTILE DOWNPIPE. TERRAM T1000 O.S.A LAPPED 150mm AT JOINTS └ ROOT BARRIER. CONCRETE DECK AND SUPPORT DESIGNED BY STRUCTURAL ENGINEER / SPECIALISTS.

> ELEVATED RAINGARDEN / GREEN ROOF TYPICAL DETAIL SCALE 1:20



TYPE S BEDDING

GRANULAR BED AND SURROUND UNDER ROAD (BEDDING FACTION = 2.2) NOTES: (TYPE Z ONLY)

1. REFER TO SHW TABLE 5/3 AND SHW TABLE 6/1 3. CONCRETE CRADLES AND ARCHES MAY BE EXTENDED TO THE SIDES OF THE TRENCH. PIPE JOINTS. SEE DIMENSIONS FOR PIPE BEDDING TABLE FOR THICKNESS OF 4. GEOTEXTILES MAY BE USED WHERE DIRECTED OR COMPRESSIBLE FILLER. MATERIAL IN CERTAIN SOILS EG. RUNNING SAND. 5. IN VERY WET CONDITIONS, WHERE DIRECTED OR 8. TO PREVENT THE PIPES FROM FLOATING. APPROVED BY THE ENGINEER A TEMPORARY LAND

DRAIN MAY BE LAID WITHIN THE GRANULAR BED.

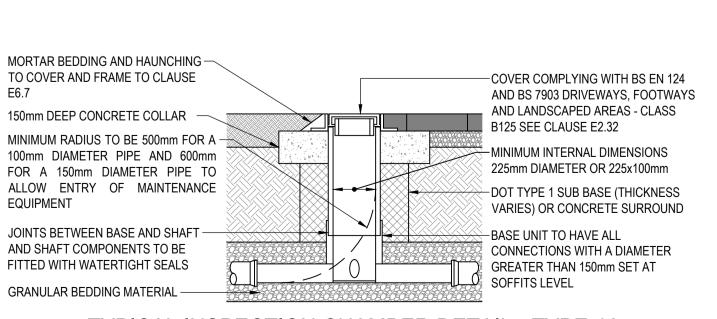
TYPE Z BEDDING CONCRETE BED AND SURROUND

(BEDDING FACTION = 2.6) 6. WHERE PIPES WITH FLEXIBLE JOINTS ARE USED, THE CONCRETE PROTECTION IS TO 2. BEDDING BENEATH AND AT SIDES OF THE PIPE TO BE INTERRUPTED OVER ITS FULL CROSS SECTION AT INTERVALS NOT EXCEEDING 5 BE WELL COMPACTED IN ACCORDANCE WITH CL 505. METRES (OR AS DIRECTED BY THE ENGINEER) BY A SHAPED FORMER OF BITUMEN IMPREGNATED COMPRESSIBLE FILLER. THESE INTERRUPTIONS SHALL COINCIDE WITH

APPROVED BY THE ENGINEER TO CONTAIN BEDDING 7. CONCRETE TO BE GRADE GEN 3. WHERE FLEXIBLE PIPES ARE USED. CARE MUST BE

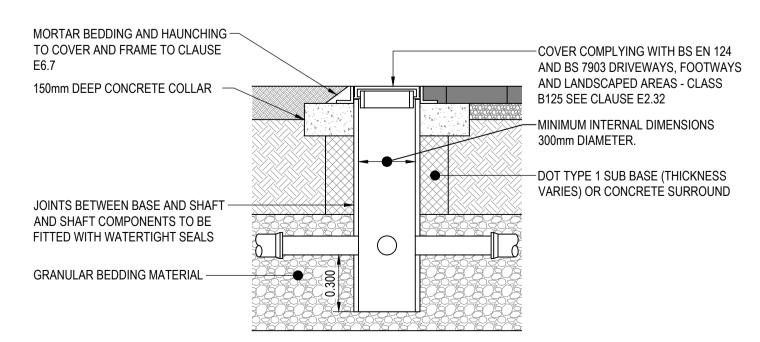
BEDDING DETAILS

SCALE 1:20



TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4A WITHIN PAVED AREAS

(REFER TO FIG. B.21 OF SEWERS FOR ADOPTION 7th ED) - SITED IN DRIVEWAYS/PAVED AREAS (FLEXIBLE MATERIAL DETAIL) SCALE 1:20



TYPICAL CATCHPIT CHAMBER DETAIL - TYPE 4

NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED
- . ALL LEVELS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
- DO NOT SCALE FROM THE DRAWING. USE FIGURED
- ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO

DIMENSIONS ONLY.

THE ENGINEER.

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
- EXISTING SERVICES HAVE NOT BEEN SHOWN BUT ARE PRESENT - THE CONTRACTOR IS TO LIAISE WITH ALL STATUTORY AUTHORITIES PRIOR TO THE COMMENCEMENT OF ANY WORKS.

PLEASE REFER TO DRAWING 21130_500 FOR SAB DRAINAGE LAYOUT.

PRELIMINARY | ᆼ | 굥 |굥 |욘 |ᄶᅲᆯ | PRELIMINARY DESIGN, ISSUED TO CLIENT. description date date FORKLIFT SPECIALIST FORKLIFT SPECIALIST ATLANTIC TRADING ESTATE SAB DRAINAGE **CONSTRUCTION DETAILS**

A - Approval, AB - As-Built, C - Construction, D - Draft, P - Preliminary, T - Tender

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