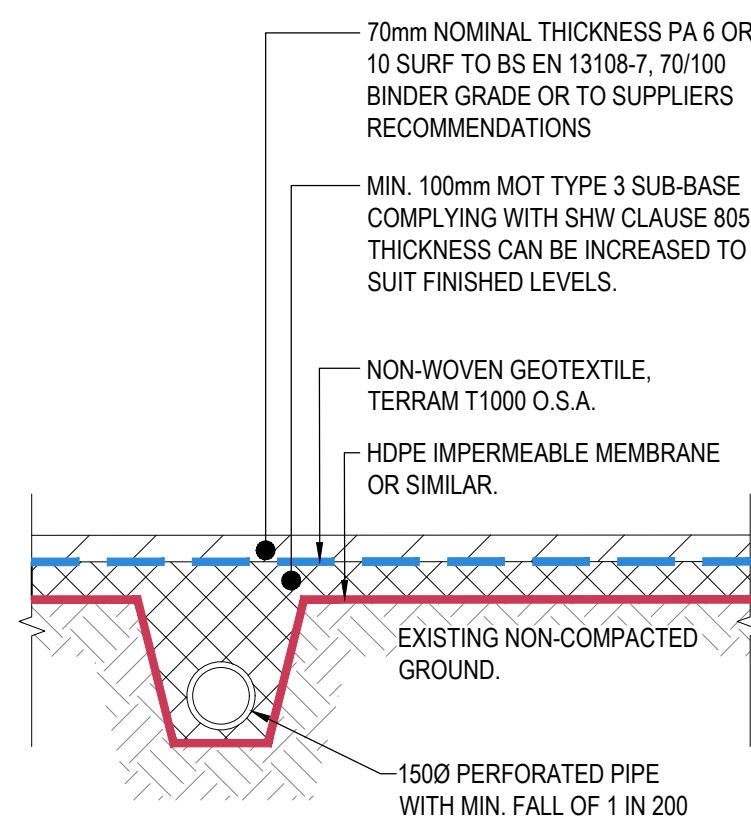
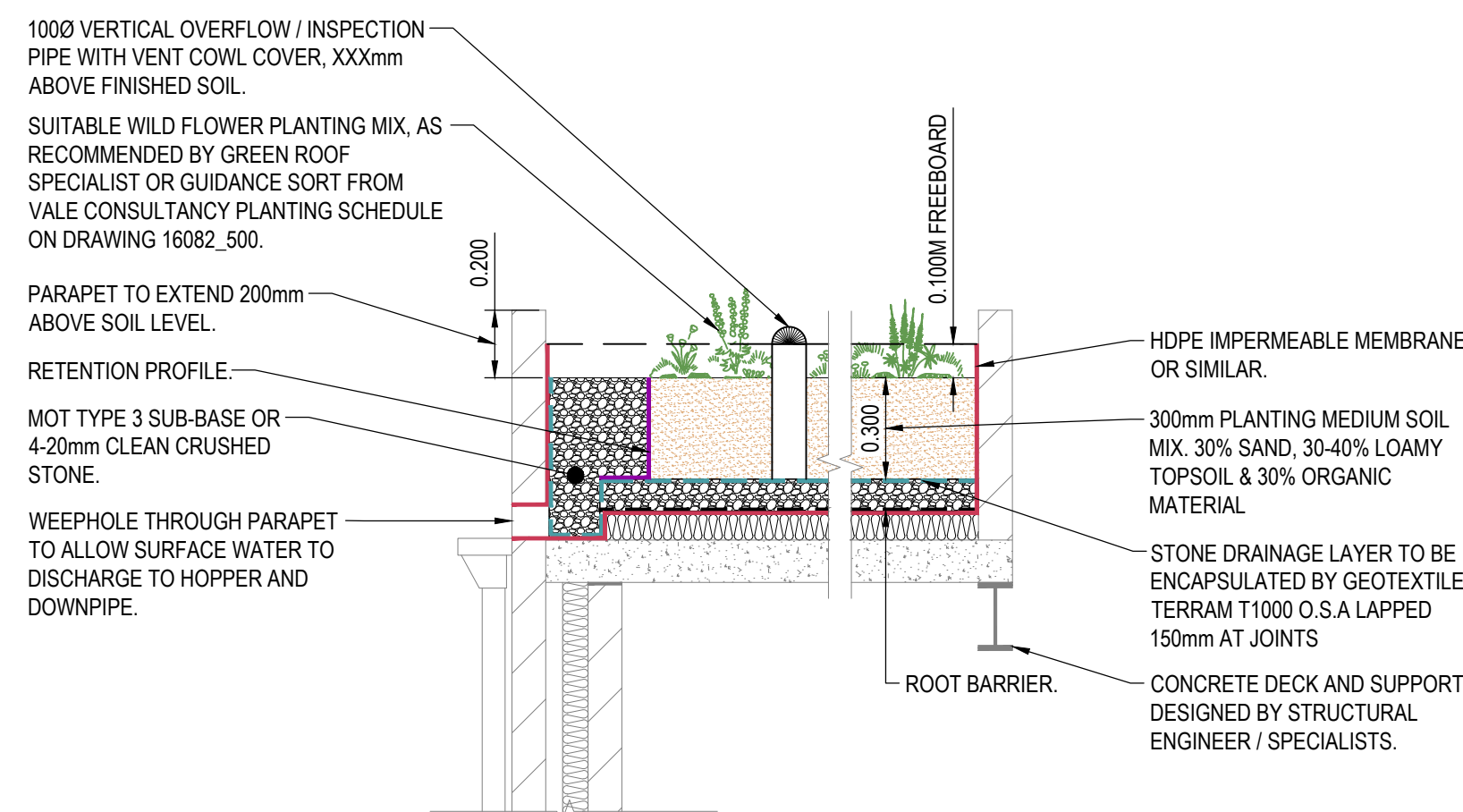


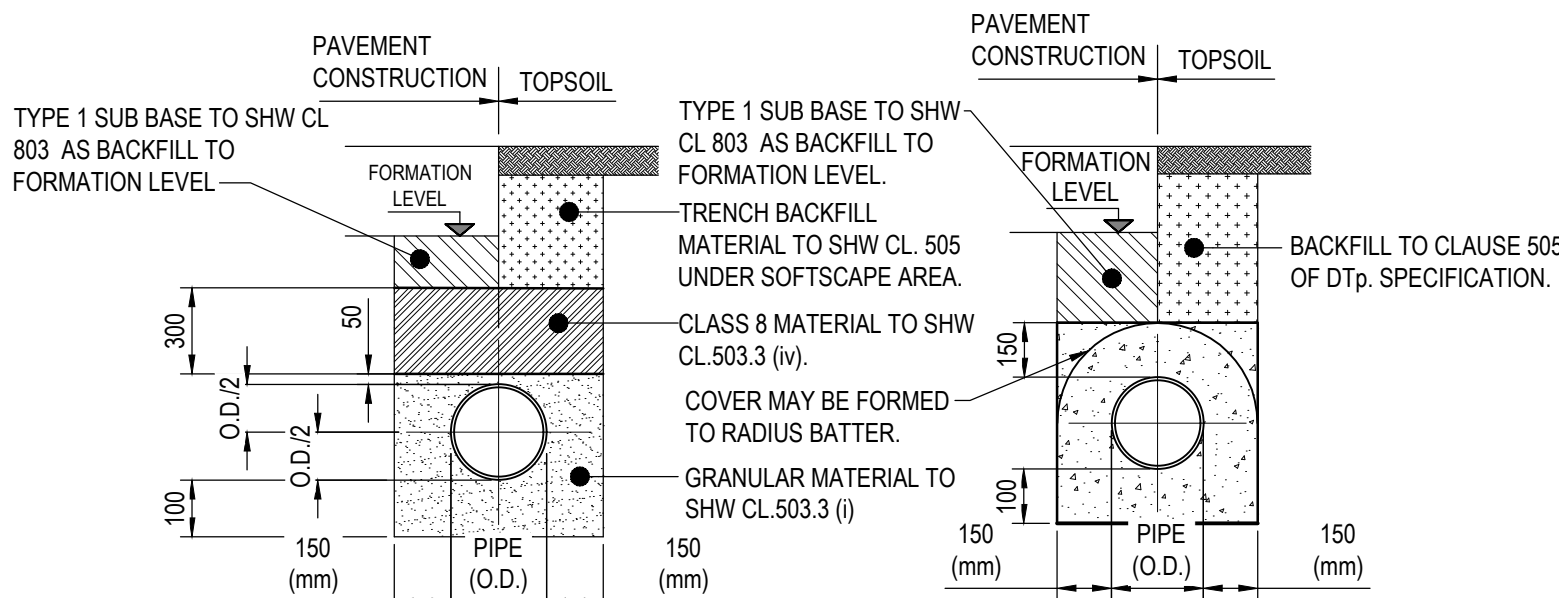
POROUS ASPHALT WITH COURSE GRADED AGGREGATE (CGA) SUB-BASE
SCALE 1:20



POROUS ASPHALT FOOTPATH WITH PERFORATED PIPE LAID IN SUMP CONSTRUCTION DETAIL
SCALE 1:20



ELEVATED RAINGARDEN / GREEN ROOF TYPICAL DETAIL
SCALE 1:20



TYPE S BEDDING
GRANULAR BED AND SURROUND UNDER ROAD (BEDDING FACTION = 2.2)
SCALE 1:20

TYPE Z BEDDING
CONCRETE BED AND SURROUND (BEDDING FACTION = 2.6)
SCALE 1:20

NOTES:

1. REFER TO SHW TABLE 5/3 AND SHW TABLE 6/1

2. BEDDING BENEATH AND AT SIDES OF THE PIPE TO BE WELL COMPACTED IN ACCORDANCE WITH CL 505.

3. CONCRETE CRADLES AND ARCHES MAY BE EXTENDED TO THE SIDES OF THE TRENCH.

4. GEOTEXTILES MAY BE USED WHERE DIRECTED OR APPROVED BY THE ENGINEER TO CONTAIN BEDDING MATERIAL IN CERTAIN SOILS EG. RUNNING SAND.

5. IN VERY WET CONDITIONS, WHERE DIRECTED OR APPROVED BY THE ENGINEER A TEMPORARY LAND DRAIN MAY BE LAID WITHIN THE GRANULAR BED.

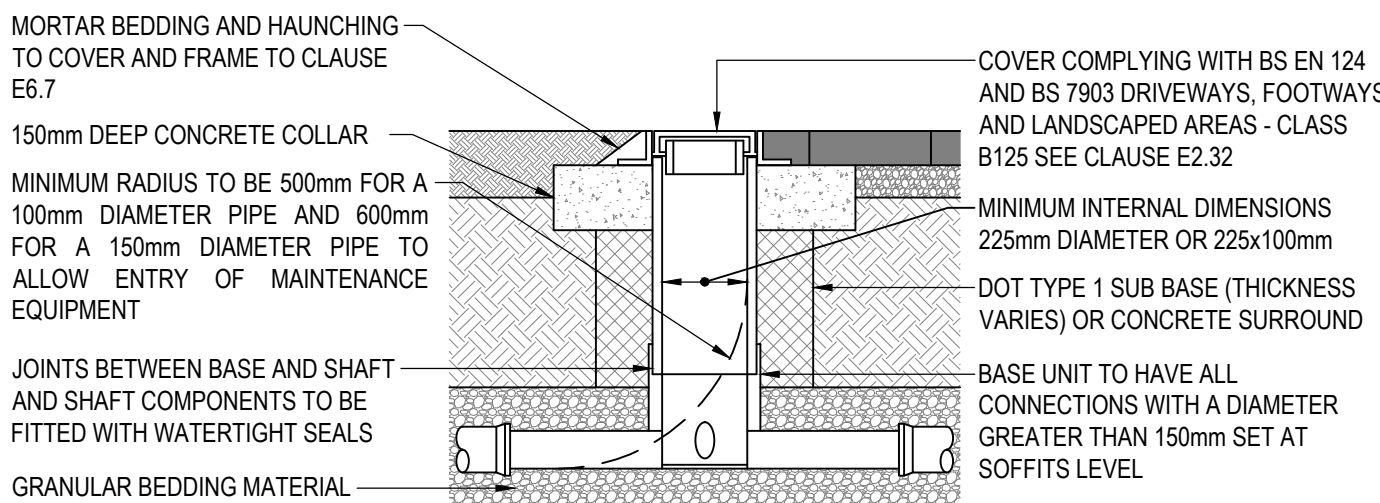
NOTES: (TYPE Z ONLY)

6. WHERE PIPES WITH FLEXIBLE JOINTS ARE USED, THE CONCRETE PROTECTION IS TO BE INTERRUPTED OVER ITS FULL CROSS SECTION AT INTERVALS NOT EXCEEDING 5 METRES (OR AS DIRECTED BY THE ENGINEER) BY A SHAPED FORMER OF BITUMEN IMPREGNATED COMPRESSIBLE FILLER. THESE INTERRUPTIONS SHALL COINCIDE WITH PIPE JOINTS. SEE DIMENSIONS FOR PIPE BEDDING TABLE FOR THICKNESS OF COMPRESSIBLE FILLER.

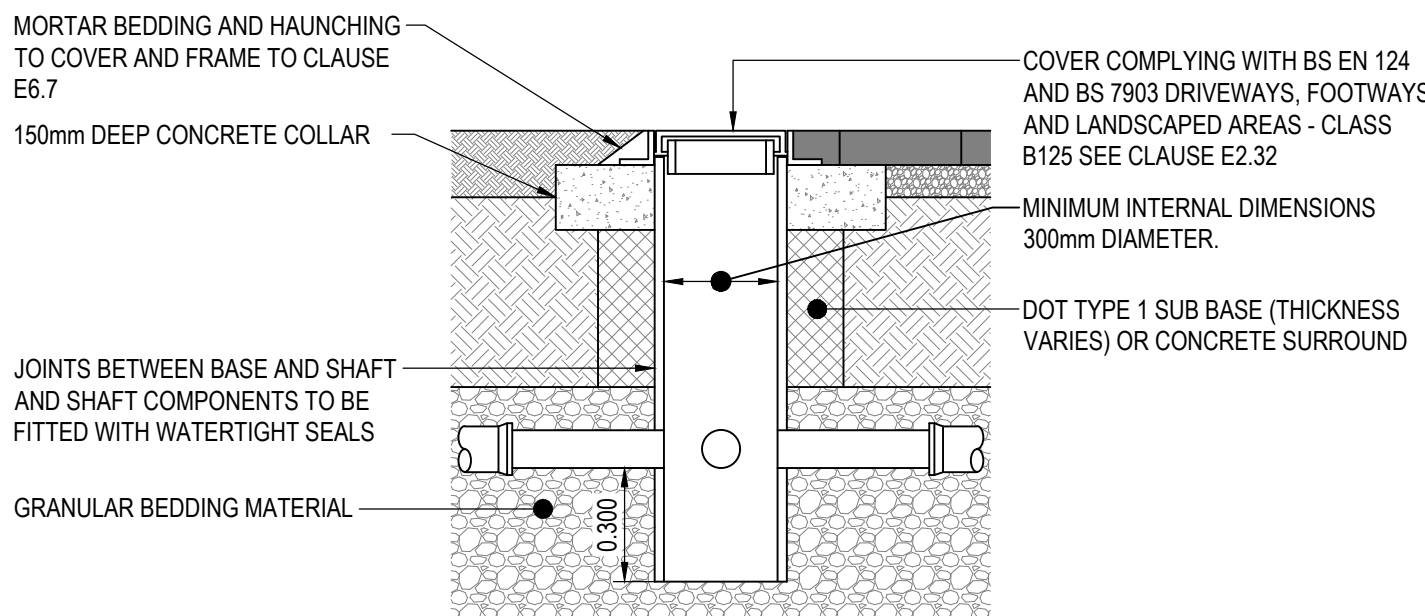
7. CONCRETE TO BE GRADE GEN 3. WHERE FLEXIBLE PIPES ARE USED. CARE MUST BE TAKEN

8. TO PREVENT THE PIPES FROM FLOATING.

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
SCALE 1:20

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

rev.	drawn	chd.	appd.	date	description
01	SU	SU	FP	15.05.25	PRELIMINARY DESIGN, ISSUED TO CLIENT.
Client FORKLIFT SPECIALIST					
Project FORKLIFT SPECIALIST ATLANTIC TRADING ESTATE					
Title SAB DRAINAGE CONSTRUCTION DETAILS					
ValeConsultancy CONSULTING CIVIL & STRUCTURAL ENGINEERS 29 Bocam Park, Old Field Road, Pencoed, Bridgend CF35 5LJ. Phone: 01656 863794 Email: enquiries@vale-consultancy.co.uk					
date	drawn	checked	approved		
15.05.25	SU	SU	FP	15.05.25	15.05.25
scale @ A1		project no.			
AS STATED		21130			
status	drg. no.				rev.
A	21130_501				01