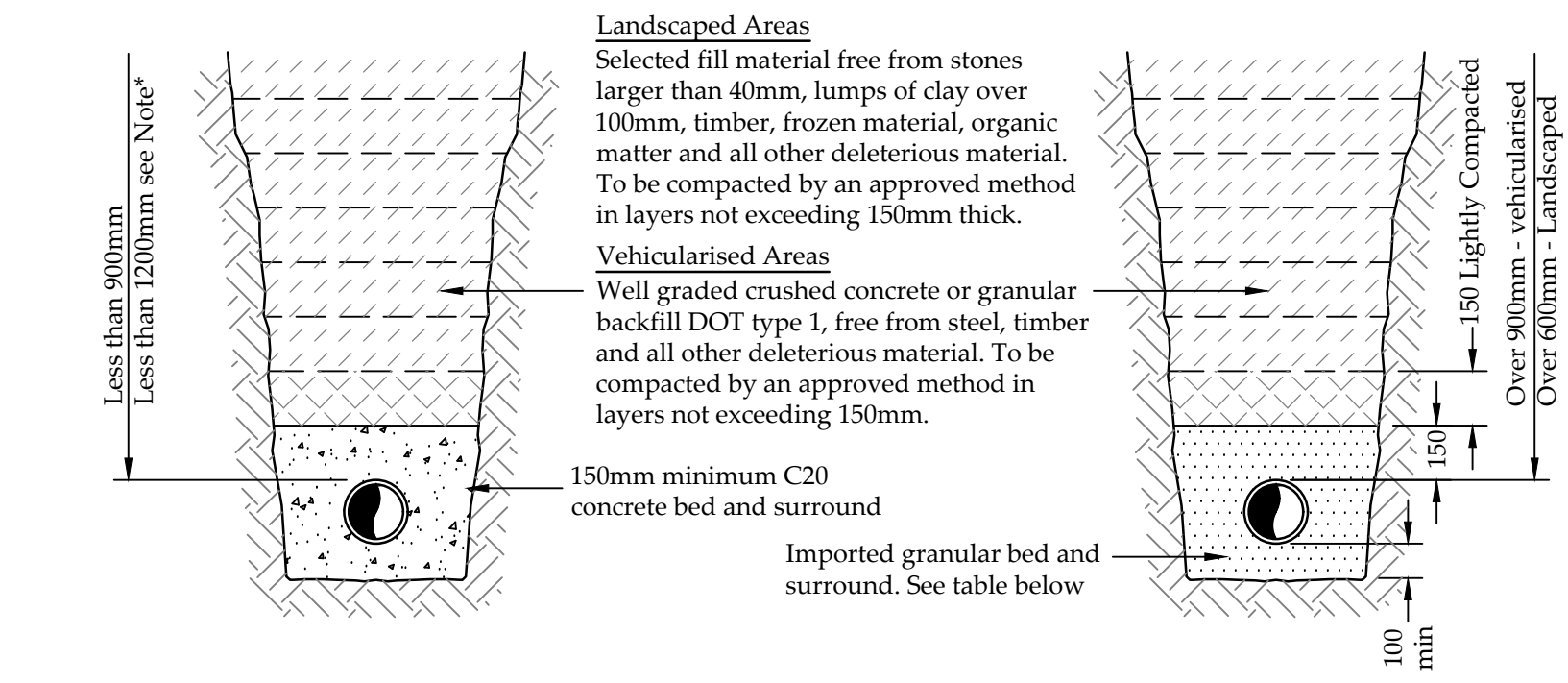




Under 900mm
(under 1200mm see Note*)

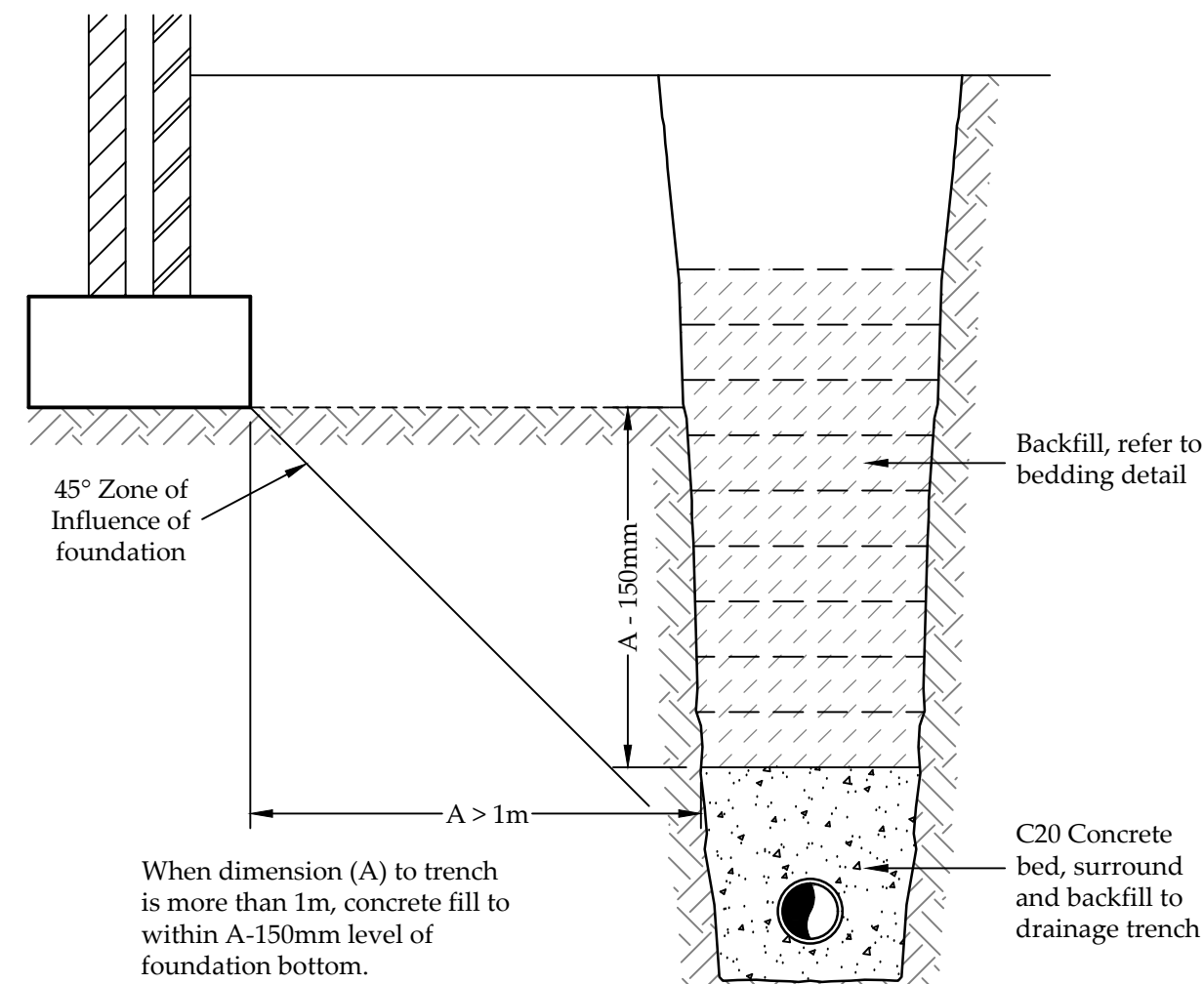
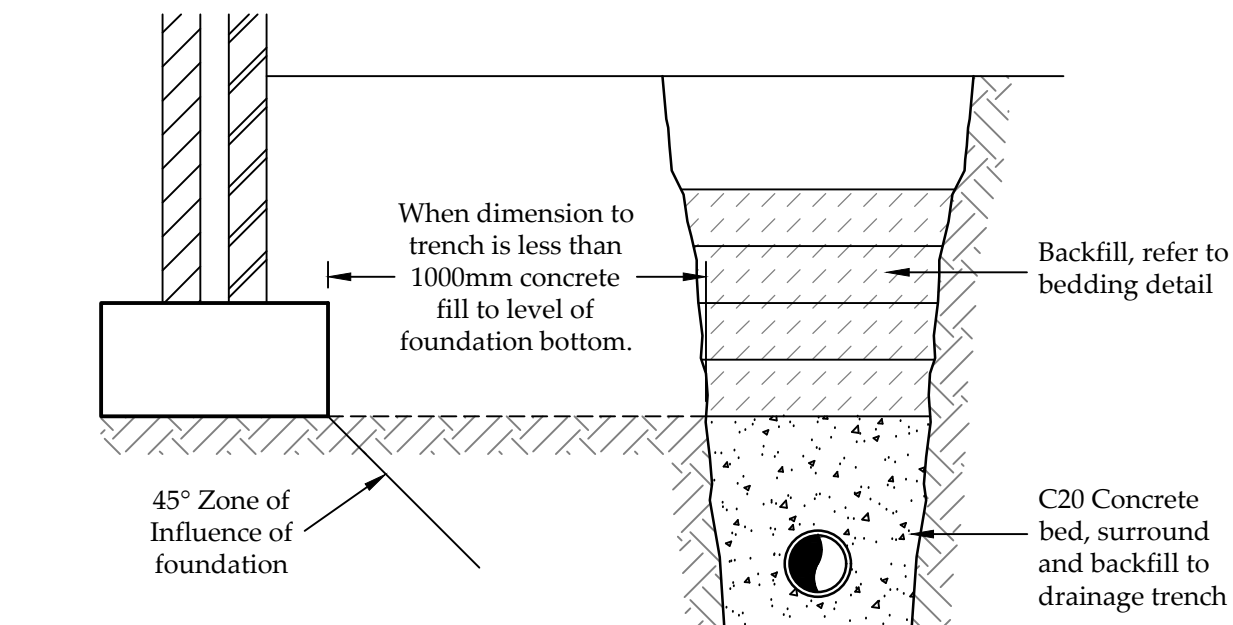
Over 900mm-Vehicular
Over 600mm-Landscaped

Granular materials for Pipe Bedding
Single sized or graded aggregate
complying with Table 4 of BS882
and BS EN 1610 Annex B Table B.15

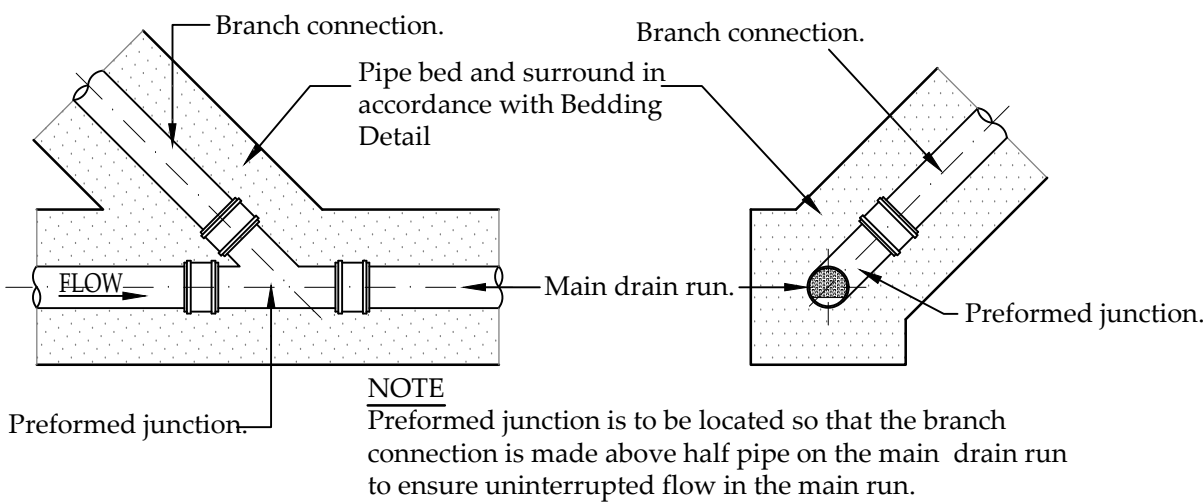
Pipe Size	Material Size
100mm	5-10mm
150mm	14mm
150-600mm	20mm
+600mm	40mm

Pipe Bedding Details Concrete, Clay & PVCu Pipes

Pipe Materials:
Vitrified Clay to BS65 & BS EN 295
Concrete to BS 5911
PVCu to BS EN 1401



Pipe Runs Near Buildings

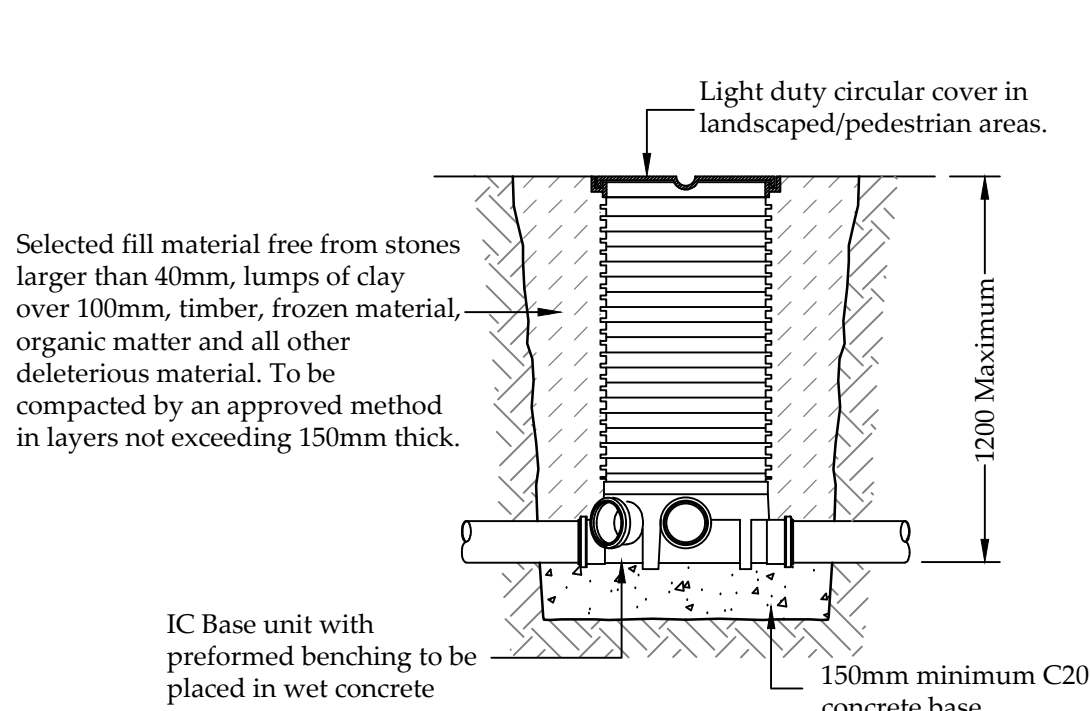


Plan

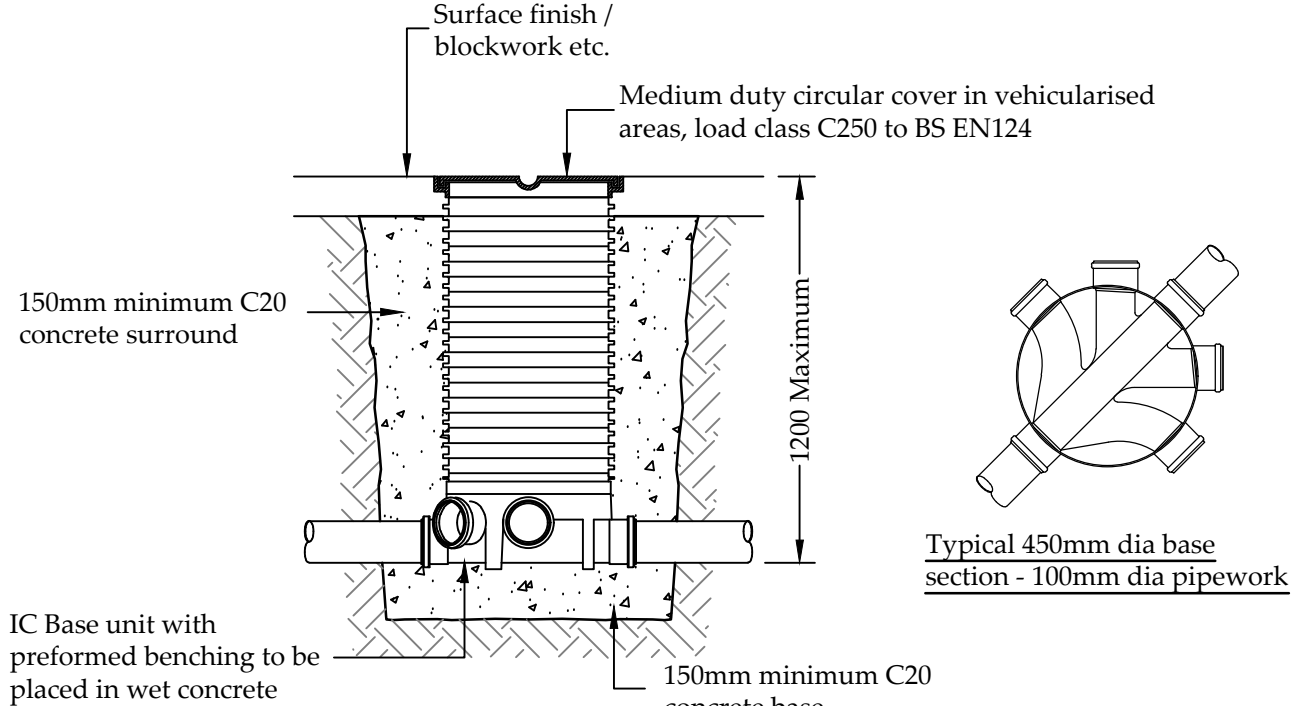
Section

Preformed Junction Detail

1:20

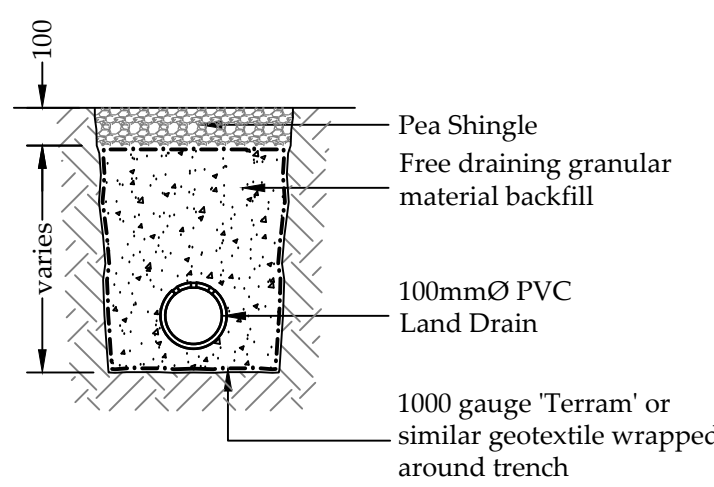


450 Dia Plastic Inspection Chamber Detail For Use in Landscaped/Pedestrian Areas

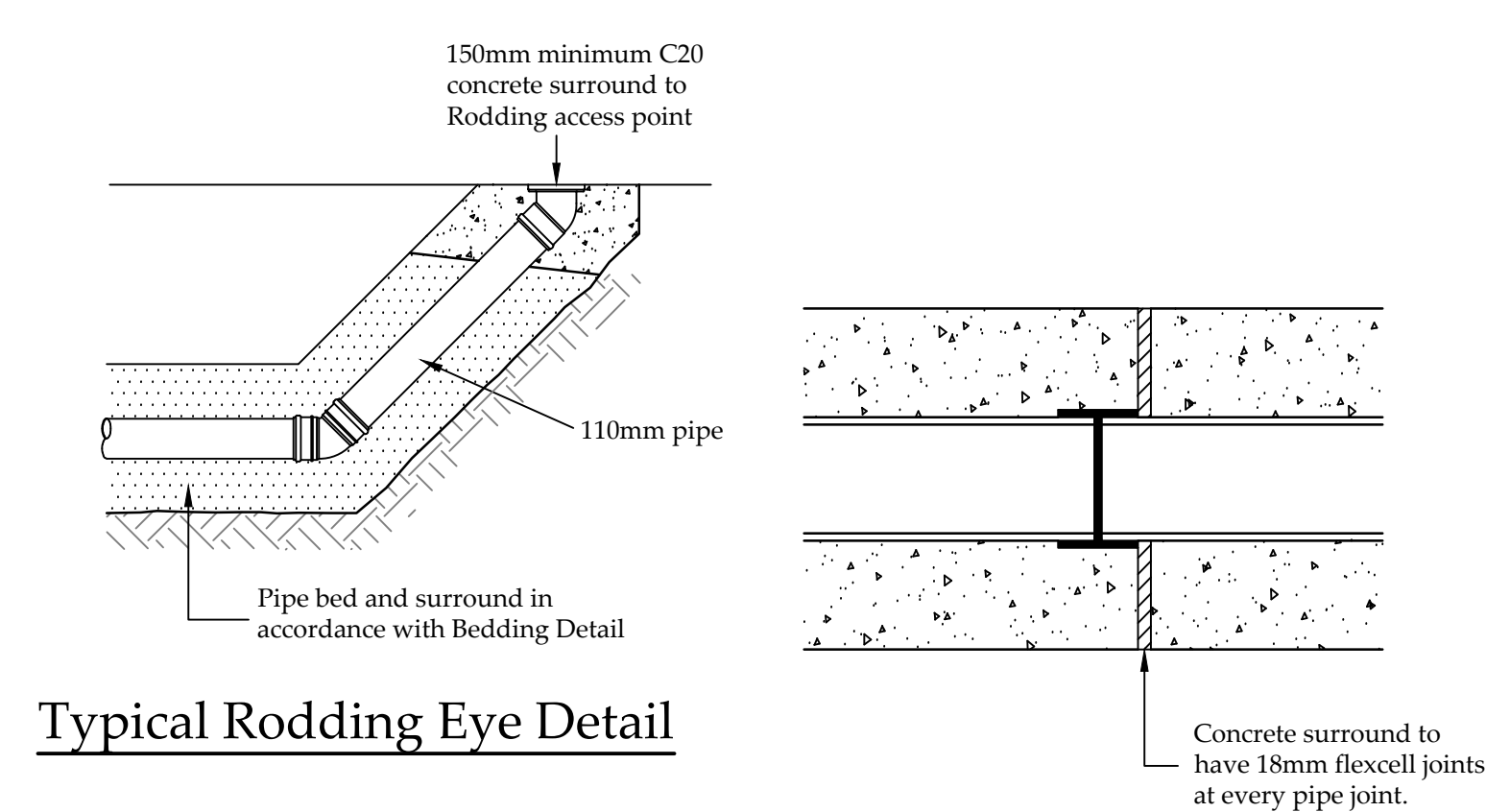


450 Dia Plastic Inspection Chamber Detail For Use in Vehicular Areas

Note:
Contractor is to install land
drainage as necessary to
alleviate any potential surface
water ponding in accordance
with the NHBC guidelines.



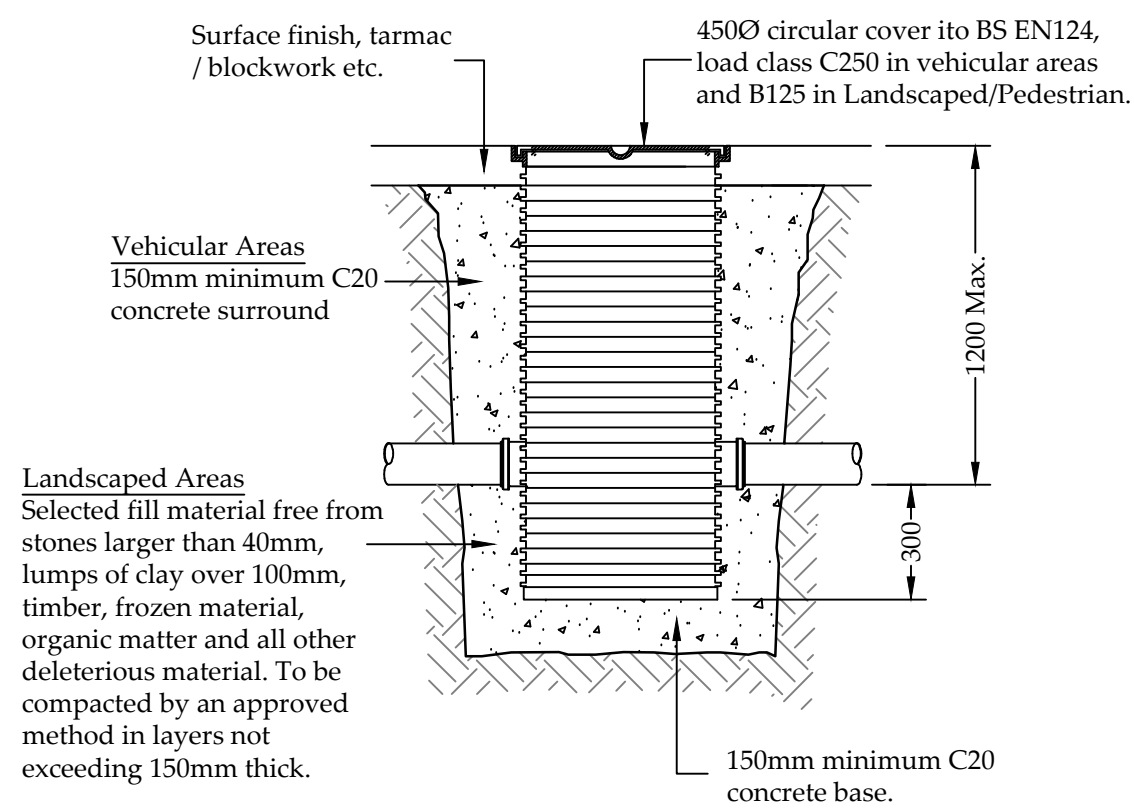
Land Drain Detail



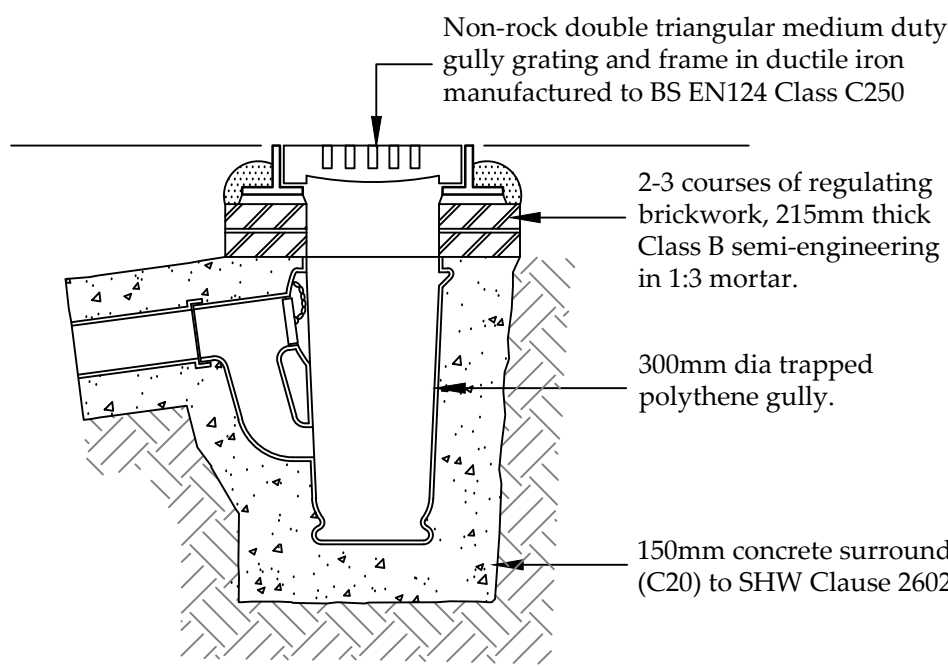
Typical Rodding Eye Detail

Expansion Joint Detail to Pipe Concrete Bed & Surround

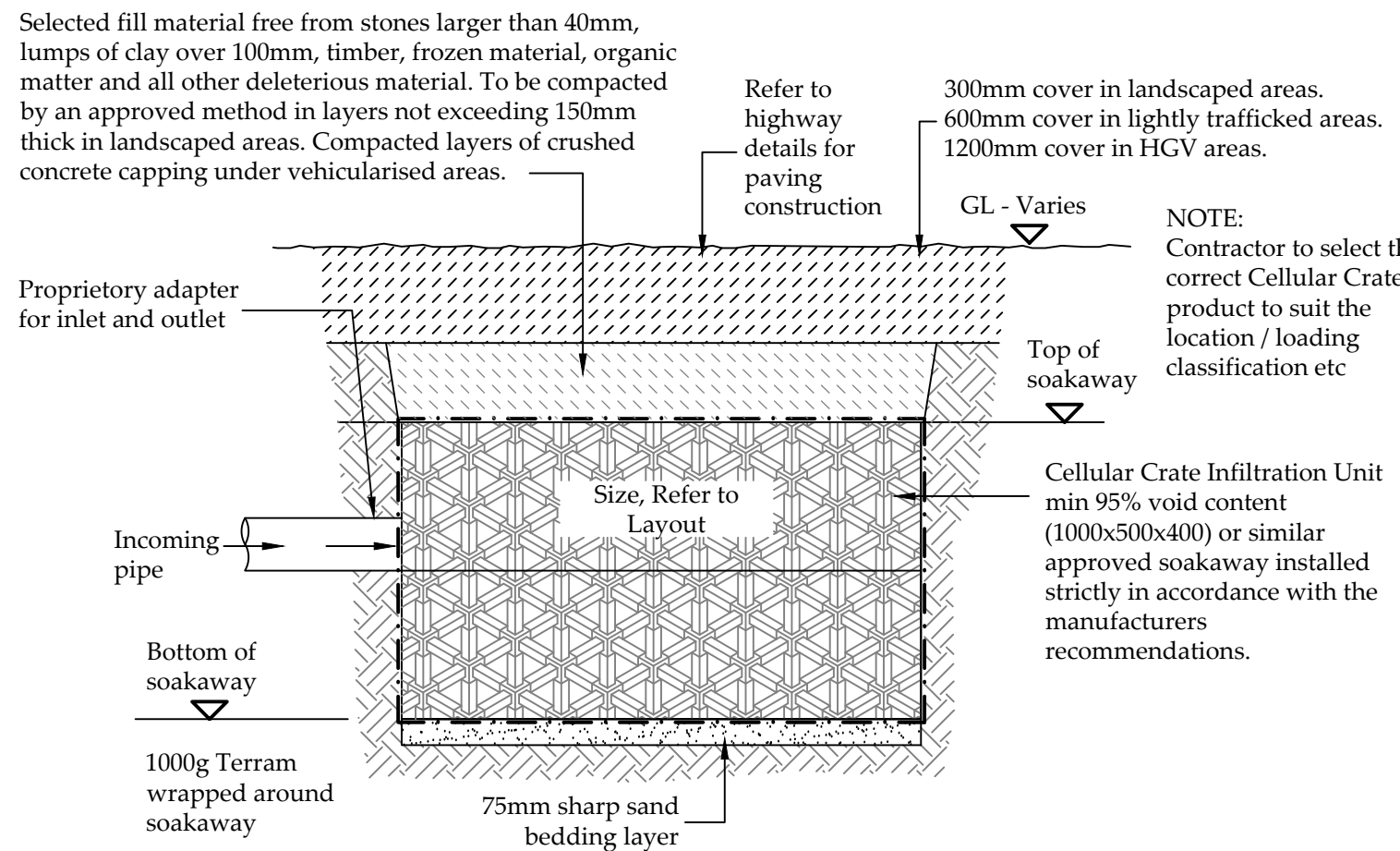
1:10



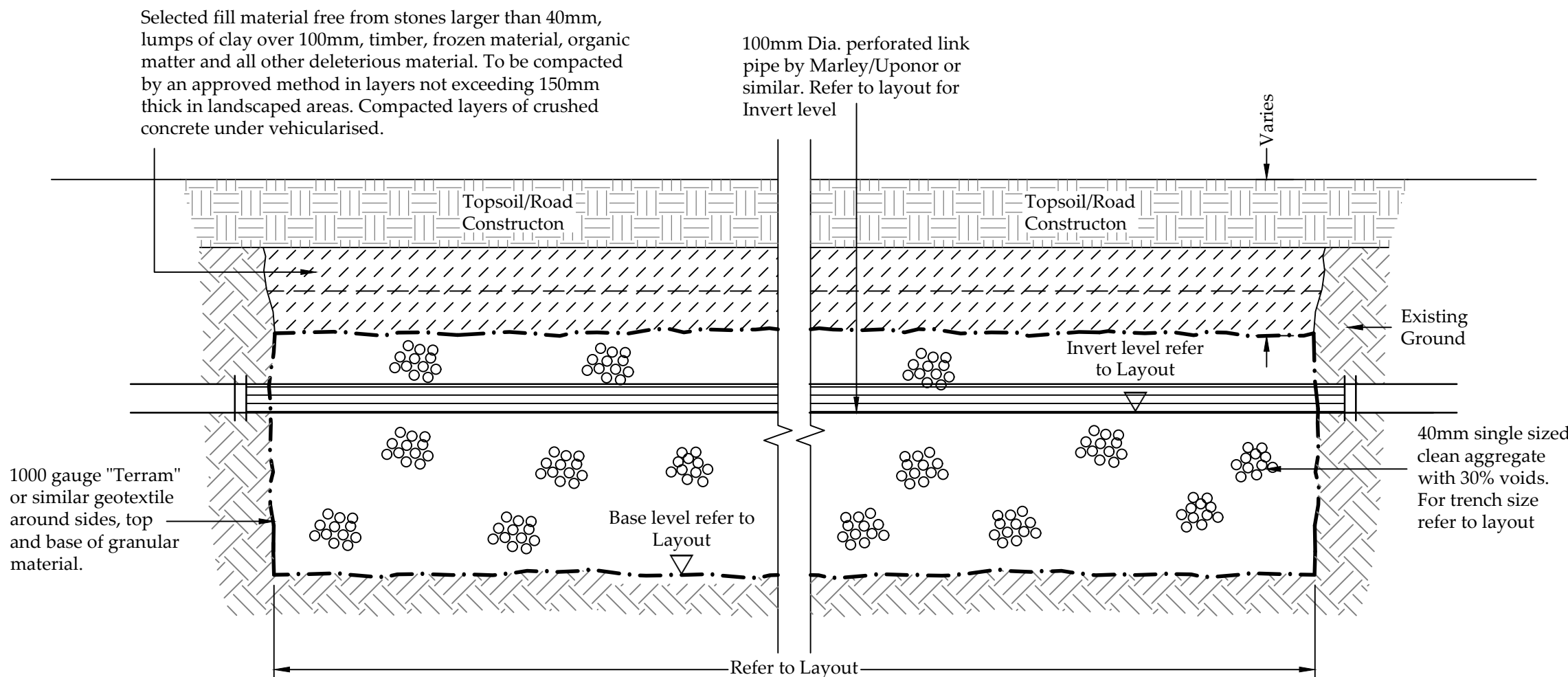
450Ø Dia Plastic Inspection Chamber, Catchpit



Yard Gully Detail



Cellular Crate / Soakaway Detail



Trench Soakaway Detail

Designed in accordance with BRE Digest 365.

Notes:

- 1.1 Do not scale from this drawing.
- 1.2 All dimensions are in m unless otherwise specified.
- 1.3 In case of any discrepancies in drawings or details refer to engineer for clarification. Unilateral decisions by the contractor will not be accepted.
- 1.4 This drawing is to be read in conjunction with all related Architects, Consultants & Sub-Contractors drawings and specifications.
- 1.5 The Contractor is to ensure that all design drawings and information are read concurrently and any discrepancies or omissions reported directly to Aventus Design.
- 1.6 This drawing is based upon the survey by KND Surveys Ltd, reference E 12 22 dated 31st May 2022 provided in digital format.
- 1.7 Levels are related to previous KND Surveys Drawing (A0515-T).
- 1.8 The grid relates to a local datum.
- 1.9 The Contractor must check the levels of all existing drainage outfalls prior to construction of any drainage, unless otherwise agreed, to ensure the proposed design may be achieved. Any discrepancies must be reported immediately to Aventus Design.
- 1.10 Sulphates have been determined as class 1 (DS-1) for design purposes in accordance with BRE Special Digest 1 (2001). Buried Concrete to be in accordance with ACCEC Site Class AC-1.
- 1.11 All external building dimensions are to be checked against the Architects drawings prior to any construction commencing.
- 1.12 All adoptable highway works to be in accordance with the Local Authorities Specifications.
- 1.13 All adoptable drainage works to be in accordance with the Water Authorities standard guidelines for connections etc.
- 1.14 Formation to road/hardstanding to be proof rolled and any soft spots in subgrade of road/Hardstanding areas are to be excavated and replaced with well compacted sub-base or free draining granular material to Department of Transport Specification for Highway Works Part 2' Table 6/1 Class 1 (General Granular Fill) and compacted in accordance with Table 6/4.

CDM REGULATIONS 2015

Aventus Design have considered and where reasonably practicable avoided foreseeable risks in the preparation of the design shown on this and related drawings. Significant risks which remain and associated control measures are identified in the Risk Register and should be given particular attention by the main contractor on site.

RISKS RELATING TO THIS DRAWING:

RISK NUMBERS 4 - 6 on Risk Register

NOTE: The Risk Register records only those elements considered unusual, difficult to manage or outside the anticipated expertise of a competent contractor.

Drawing Status	PRELIMINARY ISSUE	
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REV.	DATE	DESCRIPTION	CHK	APP
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Client: Sonning Golf Club

Site: Sonning Golf Club,
Duffield Road, Sonning
RG4 6GJ

Title: Carpark Drainage Details 1 of 2

Drawing no. H1515 - 437

Issue:	Scale: 1:20 @ A1	Checked: JPP	Date: Sept '25
	Drw: C.U.	Date: Sept '25	Approve: SU

50mm
100mm
150mm
200mm
250mm
ORIGINAL SIZE - A1