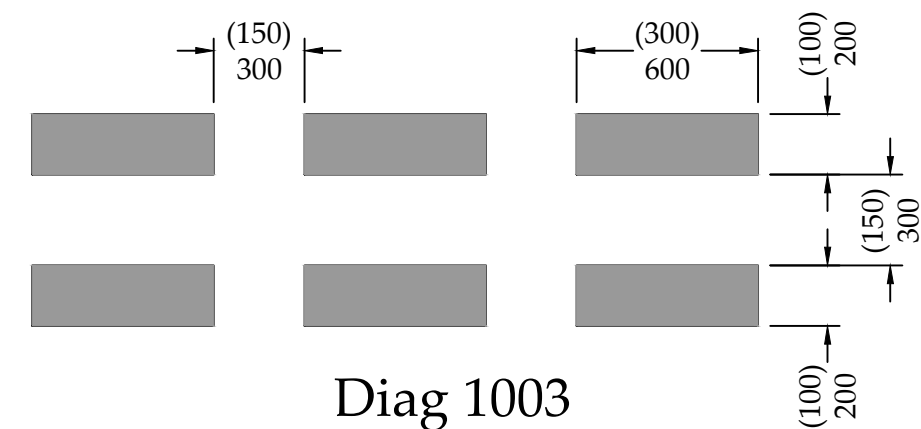
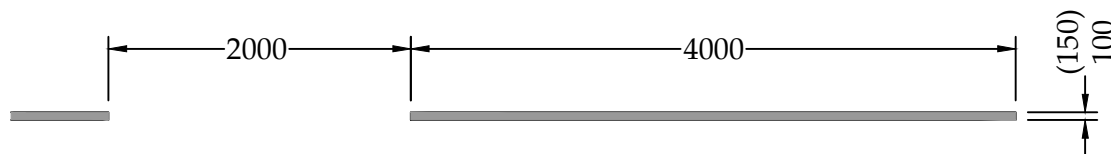




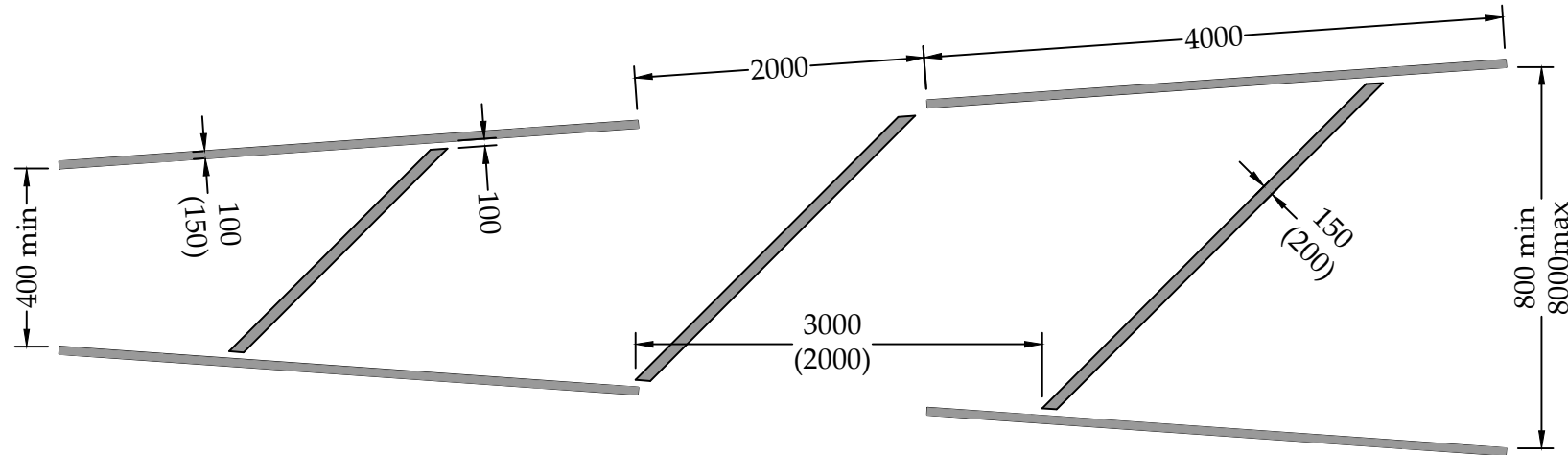
Diag 1003



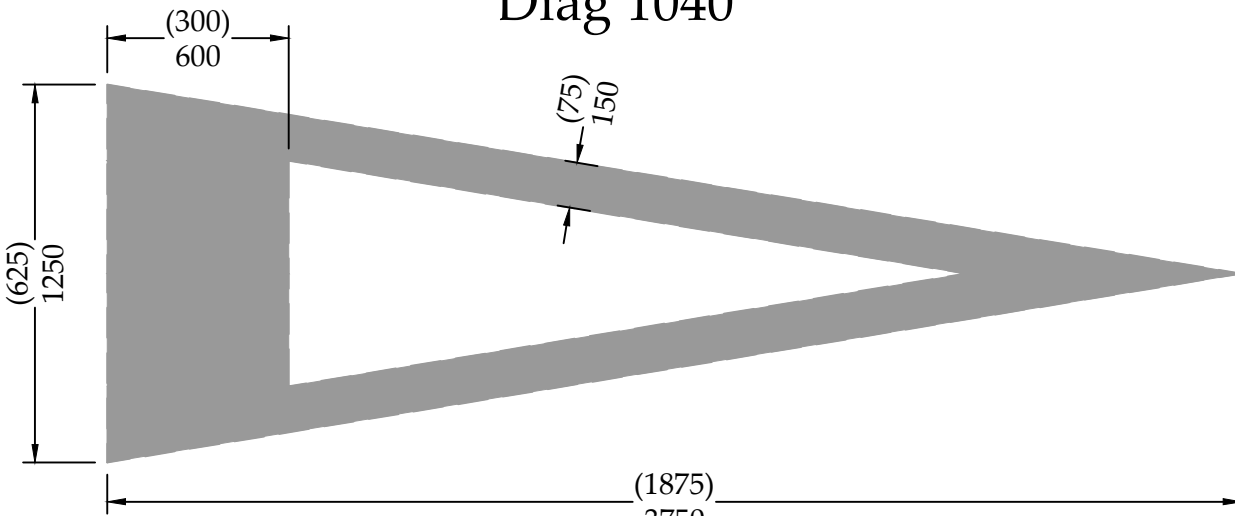
Diag 1004



Diag 1009



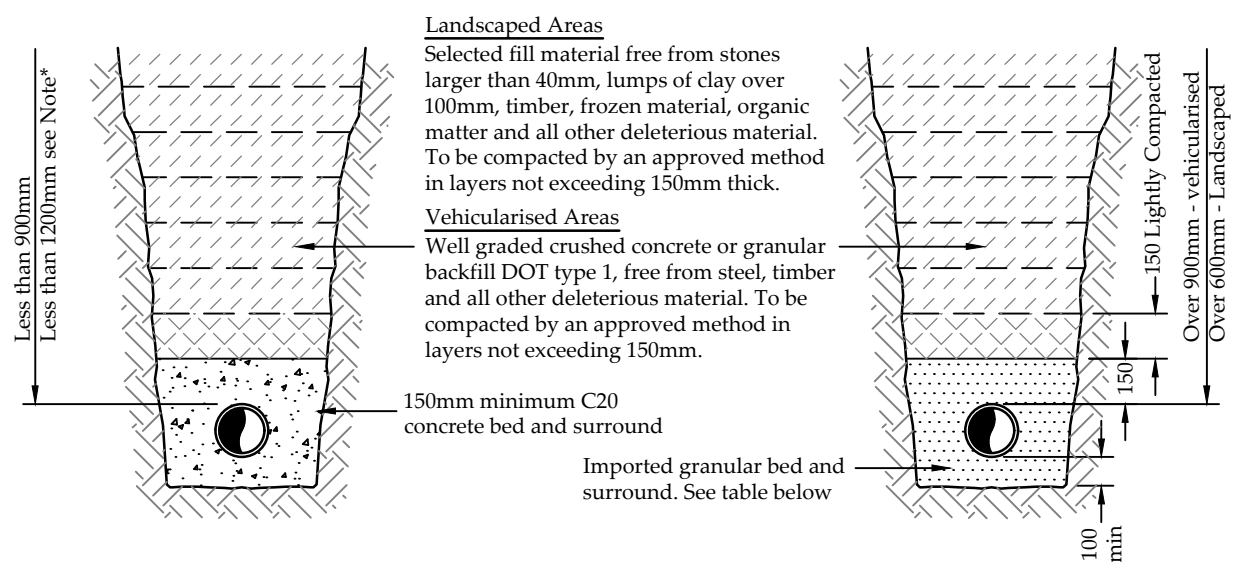
Diag 1040



Diag 1023

NOTE:

All lining & signing to be in accordance with Traffic Signs Regulations and General Directions 2016.



Under 900mm
(under 1200mm see Note*)

Over 900mm-Vehicular
Over 600mm-Landscaped

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

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

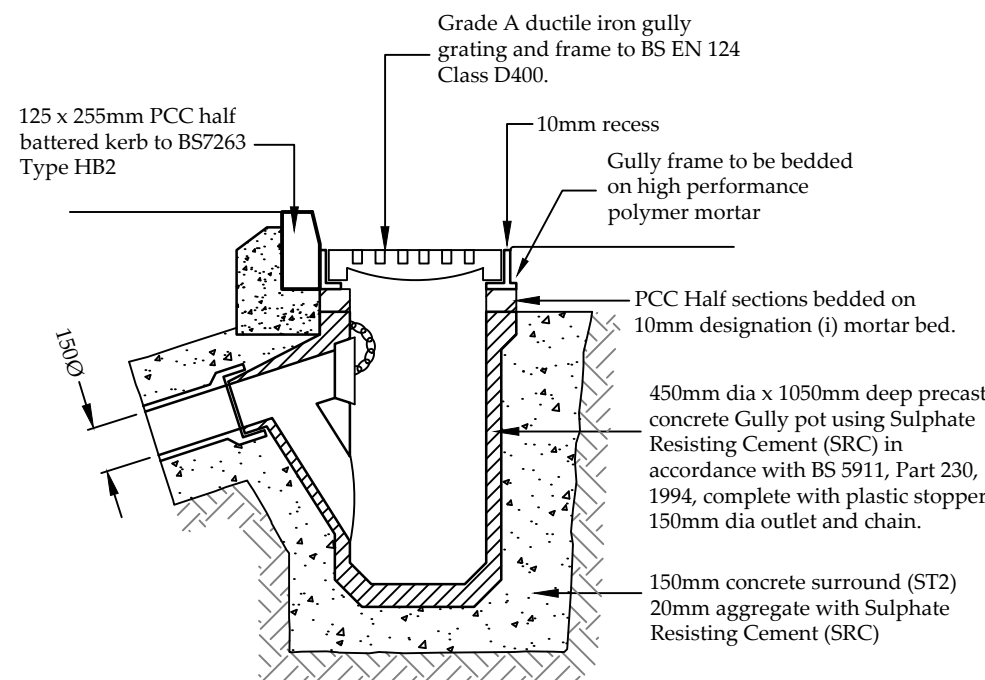
Pipe Size	Material Size
100mm	5-10mm
150mm	14mm
150-600mm	20mm
+600mm	40mm

NOTE:*

Where PVCu pipes larger than 300mm diameter are used in vehicularized areas, the concrete protection detail shall be installed up to 1200mm cover.

NOTE:

Concrete protection detailed to be installed where pipes are near foundations (see detail 457) and as above in accordance with Part H of Building Regs., clause 2.45



Shallow PCC Gully Detail

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 ? & ? 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 For Technical Review

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 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.
- 1.7 Sulphates have been determined as class 1 (DS-x) for design purposes in accordance with BRE Special Digest 1 (2001). Buried Concrete to be in accordance with ACEC Site Class AC-x. Sulphates to be confirmed.
- 1.8 All external building dimensions are to be checked against the Architects drawings prior to any construction commencing.
- 1.9 All adoptable highway works to be in accordance with the Local Authorities Specifications.
- 1.10 All adoptable drainage works to be in accordance with the Water Authorities standard guidelines for connections etc.
- 1.11 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.

REV.	DATE	DESCRIPTION	CHK	APP
C	05.02.25	Client name and site address updated.	CU	-
B	07.07.22	Client name updated.	CU	-
A	06.05.20	Gully detail amended.	SU	-

Aventus Design Ltd
Unit 5 - Leaches Farm
Business Centre
Bicester Road
Kingswood
Aylesbury
Bucks HP18 0RF
Tel: 01296 770066

Aventus
DESIGN
Civil & Structural Engineers
Email: mail@aventusdesign.co.uk
Web: www.aventusdesign.co.uk

Client: Darcliffe Homes

Site: Land Adj. Golf Club,
Pound Lane,
Sonning. RG4 6GG

Title: S278 Construction Details 2 of 2

Drawing no. H1342 - 416

Issue:	Scale:	Checked:	Date:
C	1:25 @ A2	-	-
Drn:	S.U.	Date:	Jan '20
Apprv:	-	Date:	-

ORIGINAL SIZE - A2