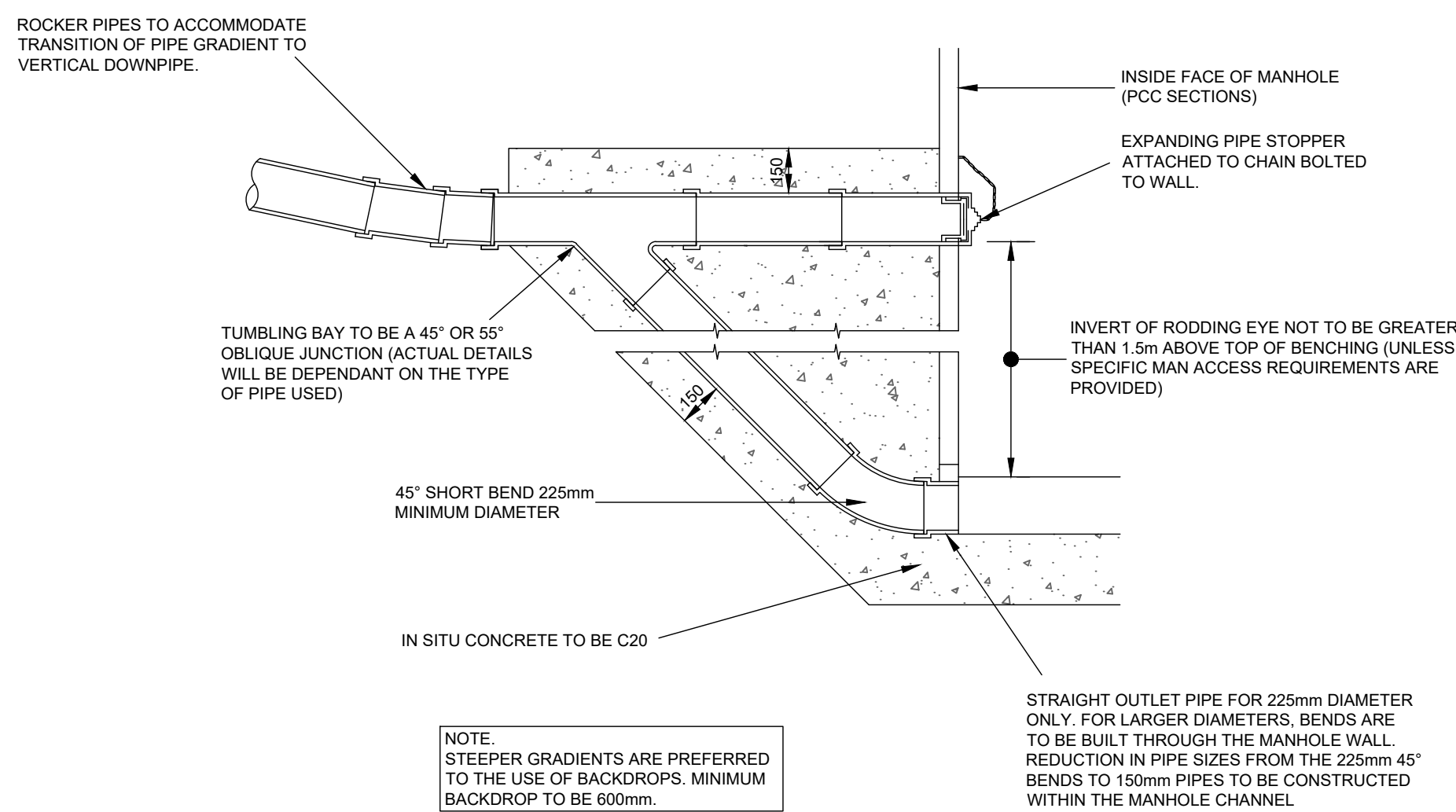
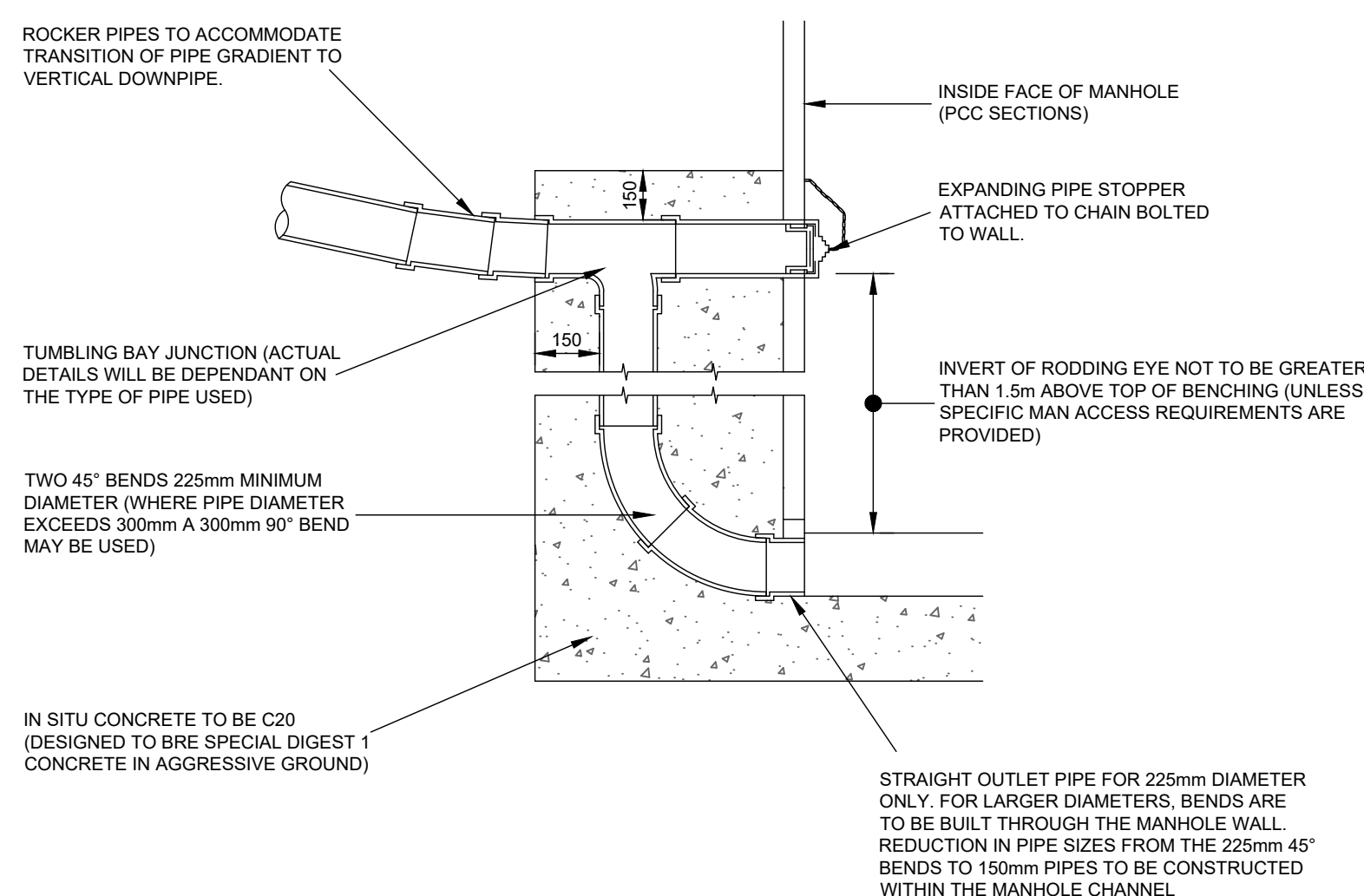
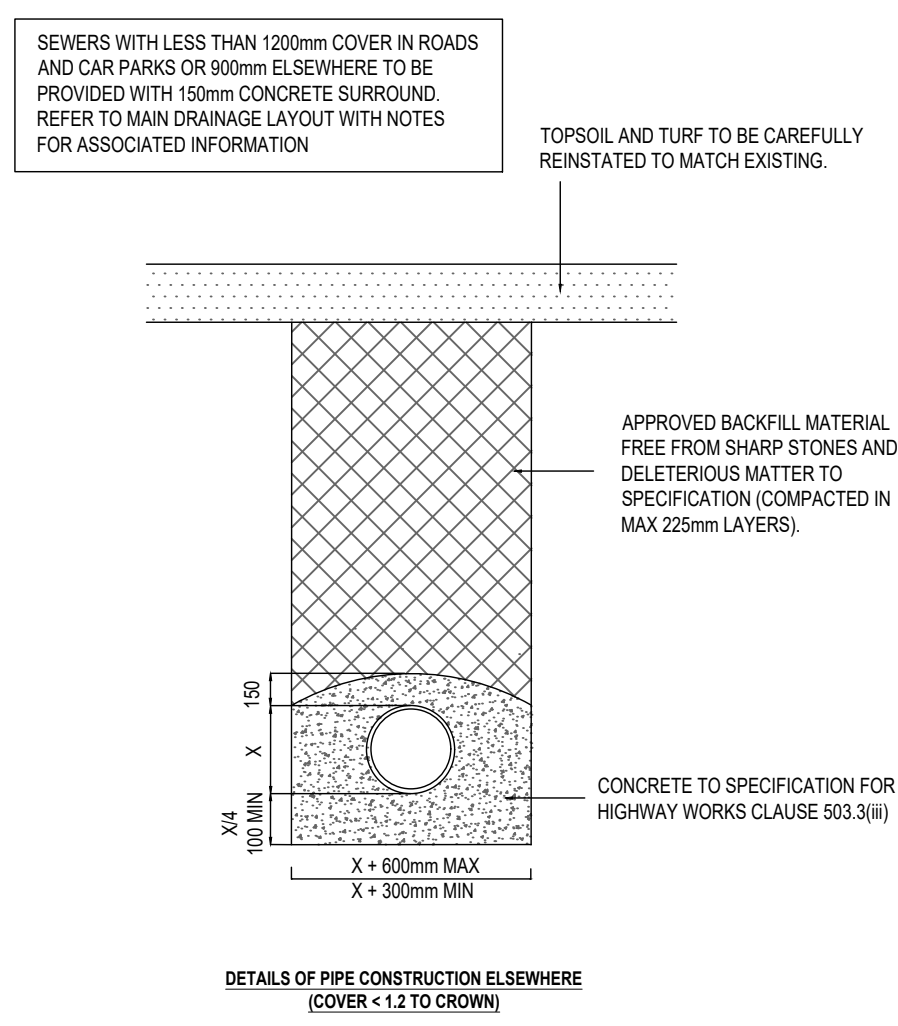
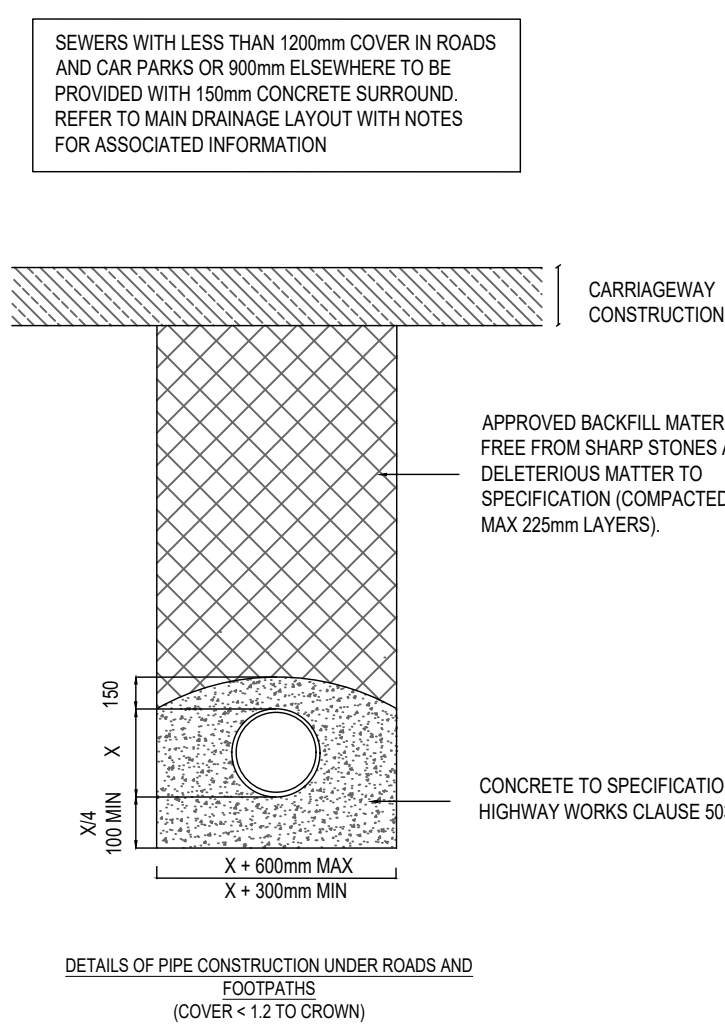
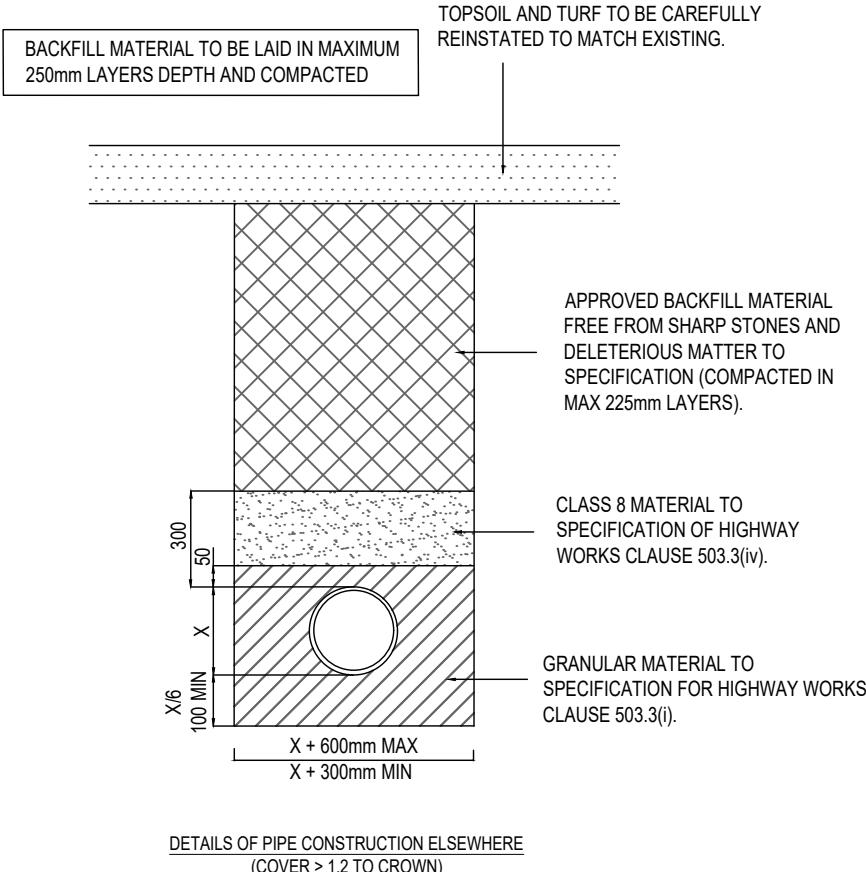
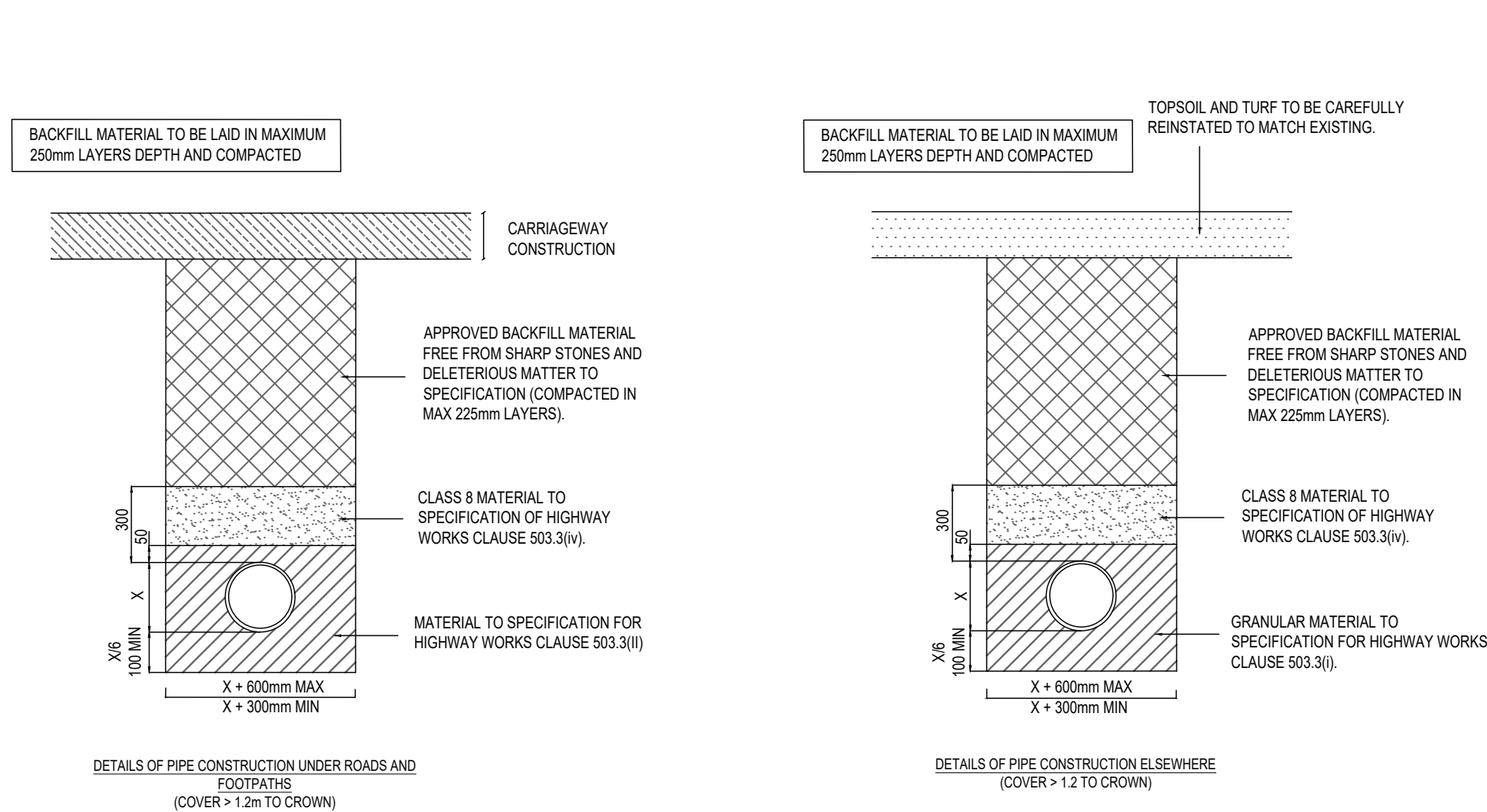
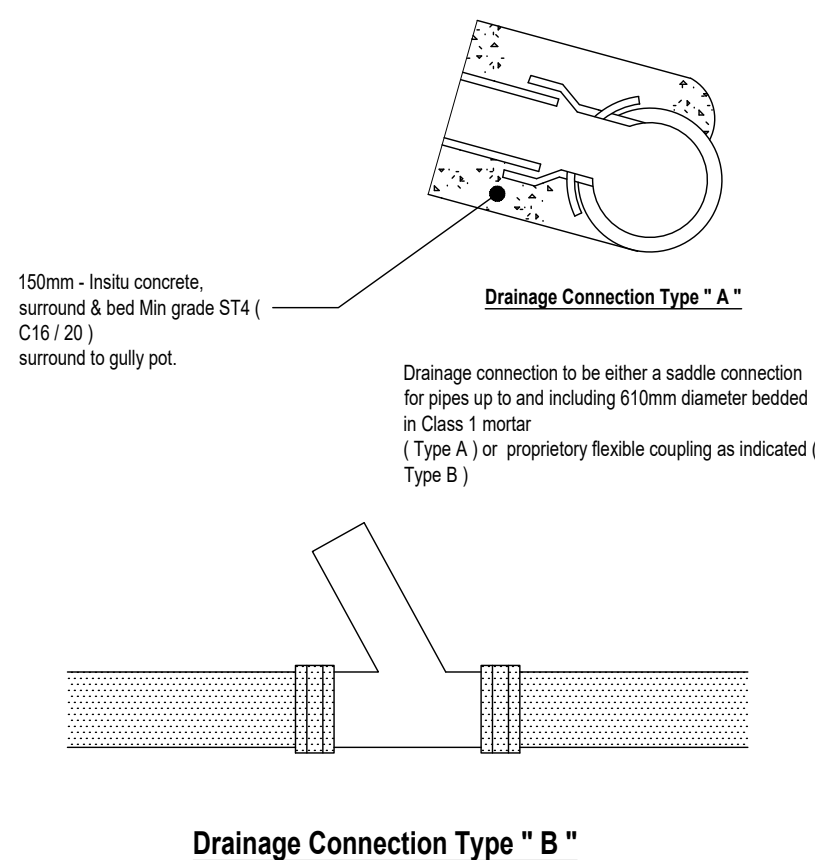
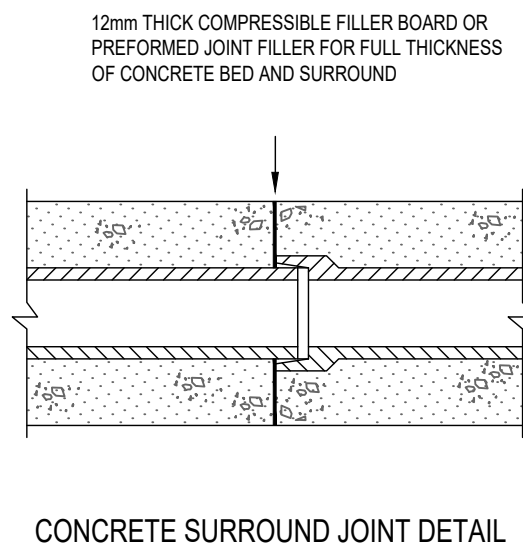
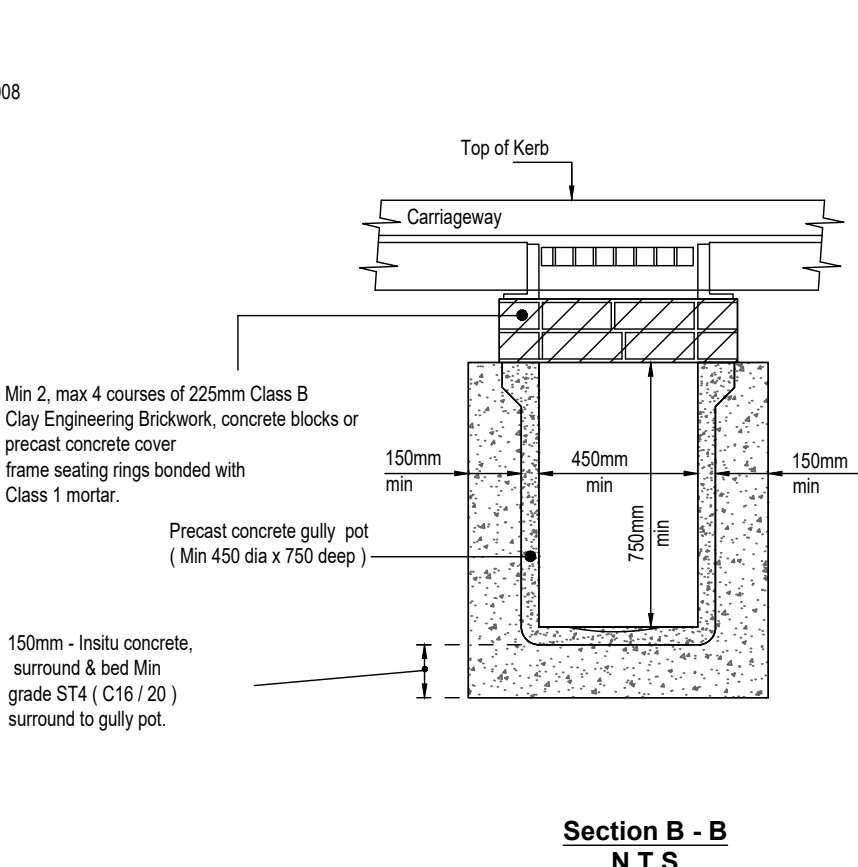
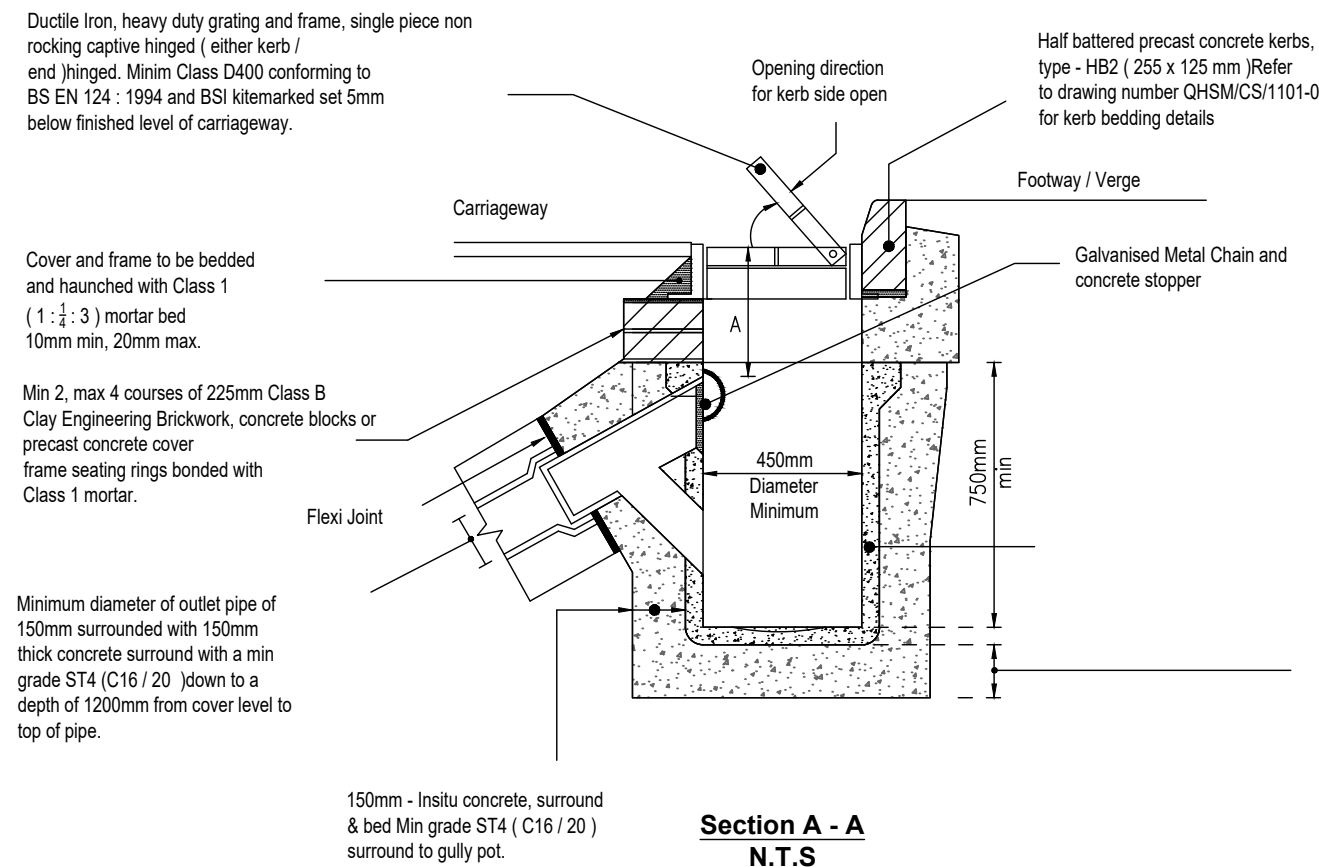
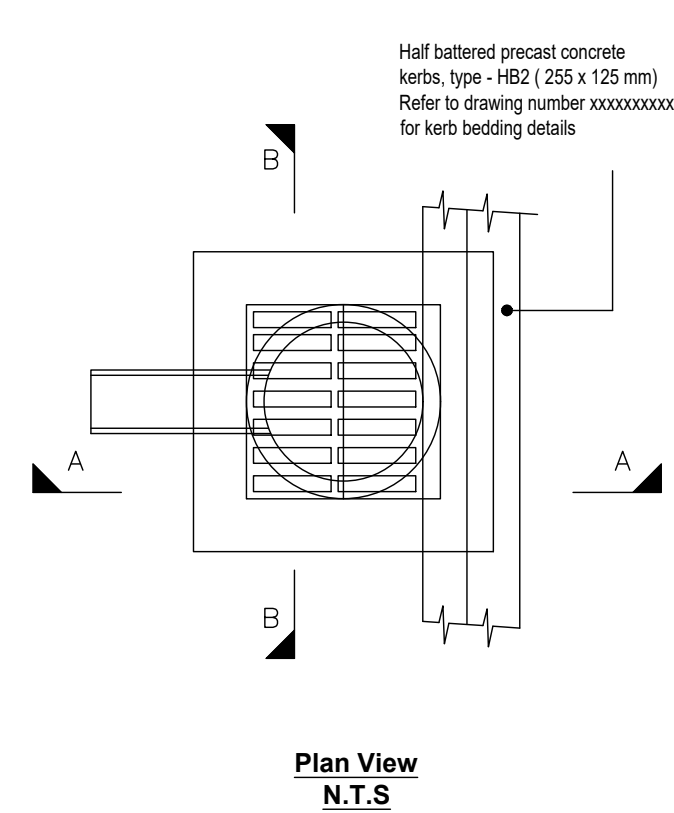


DO NOT SCALE

Trench and Bedding Details

27. The bedding and surround of all pipes within the area of carriageway, footway or cycleway with a cover of less than 1.2m shall be Type Z (Encased in concrete, grade ST4 (C16 / 20) unless otherwise agreed in writing by the Highway Authority's representative.

28. The minimum / maximum width of the trench applies on and below a line 300mm above the top of the pipe. Above the 300mm line the trench shall be in accordance with Clause 505 of the Specification for Highway works.

29. The concrete bed or surround may extend to the side of the trench or be a minimum width. Class 8 material to be used to

fill any voids so formed.

30. For type Z trench the concrete cover may be formed to a radius batter or horizontal surface. Minimum cover of concrete 150mm.

Pipeworks (Pure Highway Drainage Systems only)

31. All pipe materials and associated with pure Highway Drainage systems shall be double ribbed twin wall UPVC pipes and couplings which shall comply with DTLR Specifications for Highway Works and carry a BBA & HAPAS Roads and Bridge Agreement Certificate.

32. The minimum diameter of a highway carrier drain shall be 225mm diameter unless otherwise agreed in writing with the Highway Authority's representative.

33. All Gully connections shall not be less than 150mm in diameter.

Miscellaneous

34. All new surface / highway drainage systems and adjoining existing systems shall at the developers / contractors expense be cleaned and kept clear of obstructions during the course of the works. On completion of the whole of the works, all chambers, catchpits, gullies and drains shall be flushed from end to end with water and left free from obstructions.

35. All new surface / highway drainage systems installed by the developer / contractor shall be tested using the water test method identified within clause 509 of the specifications for Highway Works PRIOR to final wearing course being laid in order that any defects can be rectified.

36. All existing and newly installed highway / surface water drainage systems (Gullies, manhole / catchpits & carrier drains) shall be mechanically cleaned following resurfacing works.

REV	DATE	BY	DESCRIPTION	CHK	APPR
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DRAWING STATUS:

HCE

Civil Engineering
Structural Engineering
Structural Surveys
Project Management
Petrochemical

HCE Limited
Canolfan Gorseionn Centre
Millers Drive
Gorseionn
SA4 4QN

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Email: info@hcelimited.com
Web: www.hcelimited.com

CLIENT:

RPM Ltd

ARCHITECT

THOMAS LOGIN ARCHITECTURE

PROJECT:

MARGAM TRUCK STOP
TYN Y CAEAU, MARGAM

TITLE

PIPE BEDDING & STANDARD DETAILS

DRAINAGE DETAILS SHEET 2

SCALE @ AI:	CHECKED:	APPROVED:
N.T.S.	IH	IH
CAD FILE:	DESIGN-DRAWN:	DATE:
HCE-1374-SK03	<i>m.j</i>	May 2020
PROJECT No:	DRAWING No:	REV:
1374	SK03	R02