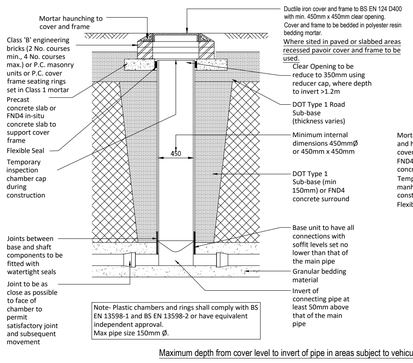
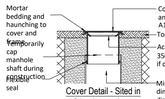


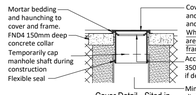
Maximum depth from cover level to invert of pipe in areas subject to vehicular loading 3m, non entry

Detail 1a: 450mm Dia Inspection Chamber detail (Flexible Material) in areas subject to vehicle loading

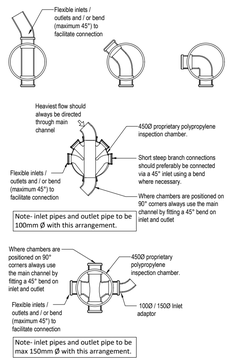
Scale 1:25



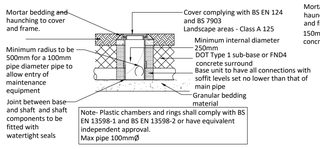
Cover Detail - Sited in soft landscaped areas

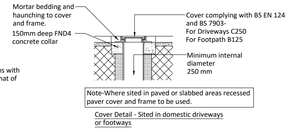


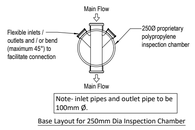
Cover Detail - Sited in domestic driveways or footways



Alternative Base Layouts For 450mm Dia Inspection Chambers





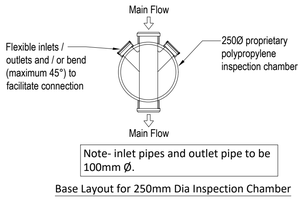


Base Layout for 250mm Dia Inspection Chamber

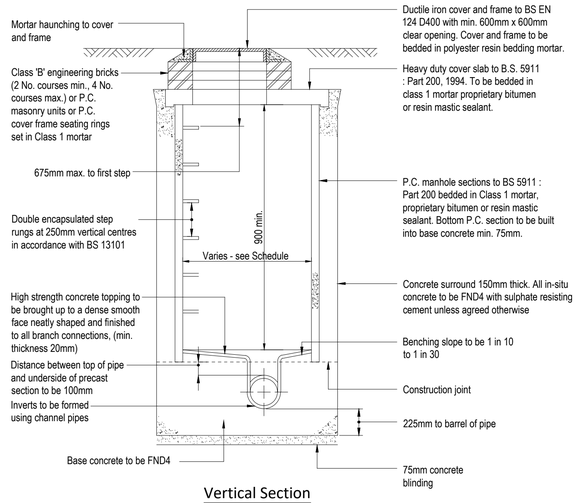
Maximum depth from cover level to invert of pipe 0.6 m, non entry

Detail 1b: 250mm Dia Inspection Chamber detail (Flexible Material)

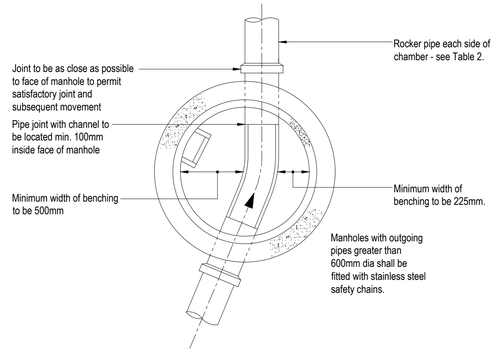
Scale 1:25



Base Layout for 250mm Dia Inspection Chamber



Vertical Section



Plan Section

Max. depth from ground level to soffit of pipe 3.0m

Detail 3b: Typical Manhole Detail - Type B

Scale: 1:25

General Notes

1. Where this drawing has been issued in electronic .dwg format it has been done so in good faith. JNP Group do not take any responsibility for any inaccuracies in the electronic data, which should be checked against the paper (or .pdf) drawing issue. Any apparent discrepancies should be immediately reported to JNP Group. The electronic .dwg file should not be assumed to be to scale and should not be used for 'overlaying', setting out or checking of any third party information. All dimensions should be taken from the paper (or .pdf) version of the drawing. Electronic drawings may contain third party information. JNP Group take no responsibility for this information, which should be checked against the originators paper drawing(s).
2. All dimensions to be checked on site prior to construction/fabrication.
3. Do not scale from this drawing.
4. Any discrepancies between drawings of different scales, and between drawings and specification where appropriate to be notified to JNP Group for decision.
5. Copyright reserved. This drawing may only be used for The Client and location specified in the title block. It may not be copied or disclosed to any third party without the prior written consent of JNP Group.
6. This drawing should only be used for construction if the drawing status is "Construction". JNP Group take no responsibility for construction works undertaken to drawings which are not marked with this status.

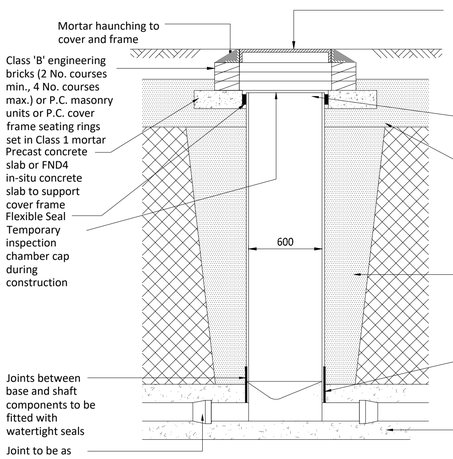
Health & Safety Note

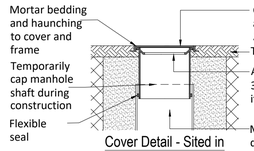
The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.

Maximum depth from cover level to invert of pipe 0.6 m, non entry

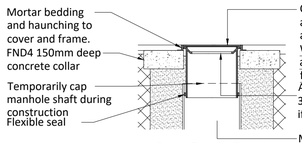
Detail 1b: 250mm Dia Inspection Chamber detail (Flexible Material)

Scale 1:25

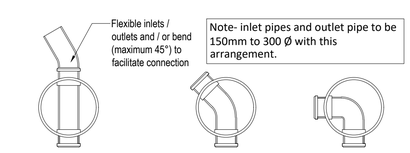


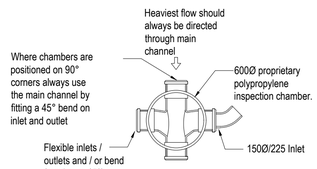


Cover Detail - Sited in soft landscaped areas

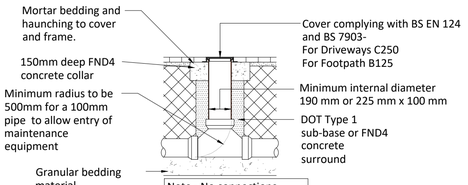


Cover Detail - Sited in domestic driveways or footways





Alternative Base Layouts For 600mm Dia Inspection Chambers



Maximum depth from cover level to invert of pipe 0.6 m, non entry

Detail 1c: 200mm Dia Inspection Chamber detail (Flexible Material)

Scale 1:25

Table 3 - Compressible Filler and Packing for Pipelines

Nominal Diameter of Pipe (mm)	Thickness of Compressible Filler (mm)
Less than 450	18
450 - 1200	36
Exceeding 1200	54

Table 1 - Manhole Diameter

Diameter of Largest Pipe in Manhole (mm)	Internal Diameter of Manhole (mm)
Less than 375	1200
500 to 700	1500
750 to 900	1800
Greater than 900	Pipe diameter + 900

Table 2 - Rocker Pipe Length

Nominal Diameter of Pipe (mm)	Effective Length (m)
150 to 600	0.6
600 to 750	1.0
700 and over	1.25

Maximum depth from cover level to invert of pipe in areas subject to vehicular loading 3m, non entry

Detail 1d: 600mm Dia Inspection Chamber detail (Flexible Material) in areas subject to vehicle loading

Scale 1:25

Rev.	Date	Description	Drn / Chk'd / App'd
T1	25/02/2022	First Issue	CS/SH/LC

Suitability: S3 - Suitable for Review & Comment

JNP GROUP CONSULTING ENGINEERS
Chesham ● Brighouse ● Glasgow ● Hartlepool
Leamington Spa ● Sheffield
www.jnpgroup.co.uk

Client: Redrow

Job: Tascroft Rise - Phase 4, Warminster

Title: Private Drainage Details Sheet 1 of 3

Classification: FI_60_20
Scale @ A1: As Shown
JNP GA Ref: GD019 Rev 1
Complies to ISO7200:2004

Project - Originator - Volume/System - Level/Location - Type - Discipline - Number: M42811-JNP-52-XX-DR-C-3003
Document/Drawing Number
Revision: T1

© Copyright JNP Group Ltd, 2020
JNP Group Internal Project Number: H01234