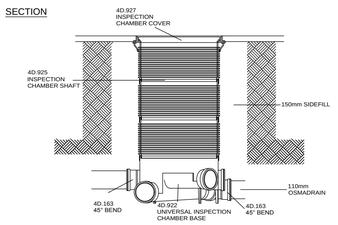
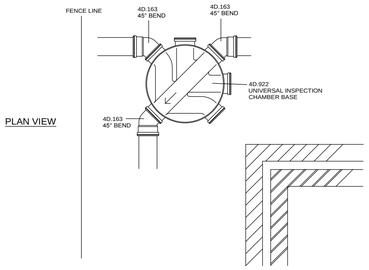
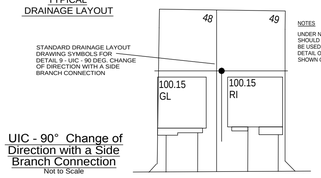
SECTION



PLAN VIEW



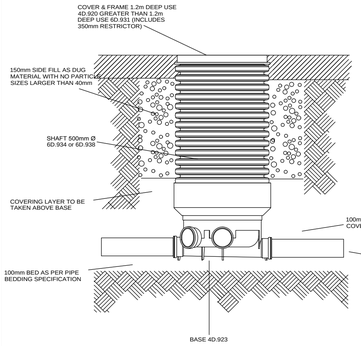
TYPICAL
DRAINAGE LAYOUT



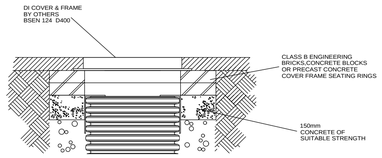
NOTES

UNDER NO CIRCUMSTANCES SHOULD ANY EXTRA FITTINGS BE USED FOR THIS STANDARD DETAIL OTHER THAN THOSE SHOWN ON THIS DETAL DRAWING.

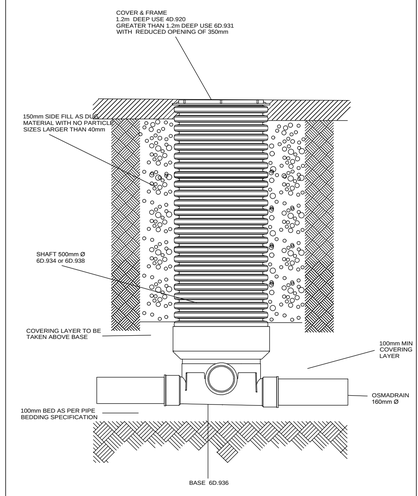
UIC - 90° Change of Direction with a Side Branch Connection
Not to Scale



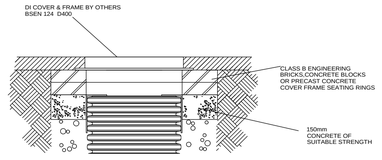
Alternative cover arrangement for loadings greater than 5 tonnes:



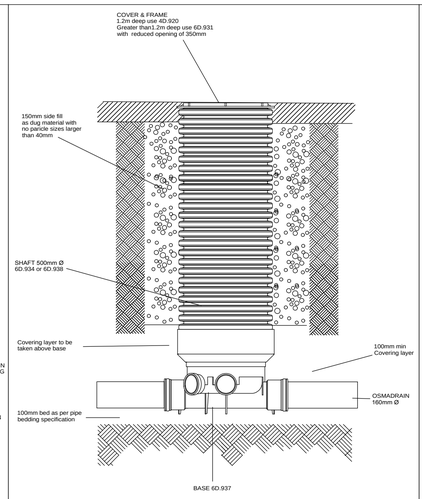
Non Entry Inspection Chamber with 4D923
Not to Scale



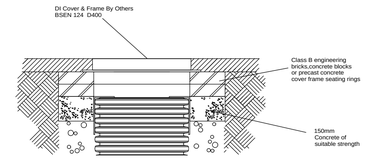
Alternative cover arrangement for loadings greater than 5 tonnes:



Non Entry Inspection Chamber with 6D936
Not to Scale

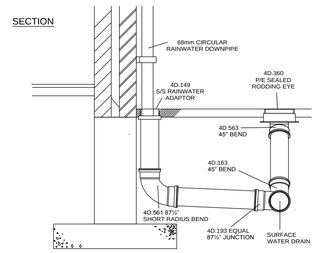


Alternative cover arrangement for loadings greater than 5 tonnes:

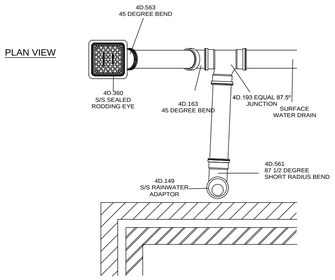


Non Entry Inspection Chamber with 6D937 Base
Not to Scale

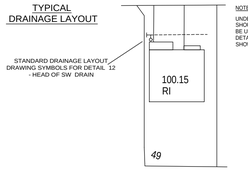
SECTION



PLAN VIEW



TYPICAL
DRAINAGE LAYOUT

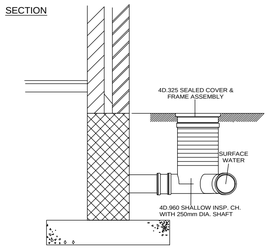


NOTES

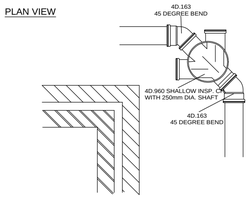
UNDER NO CIRCUMSTANCES SHOULD ANY EXTRA FITTINGS BE USED FOR THIS STANDARD DETAIL OTHER THAN THOSE SHOWN ON THIS DETAL DRAWING.

Head of SW drain
Not to Scale

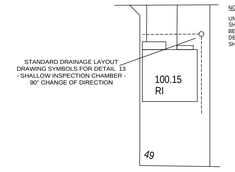
SECTION



PLAN VIEW



TYPICAL
DRAINAGE LAYOUT

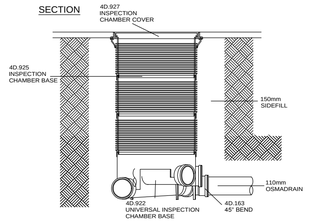


NOTES

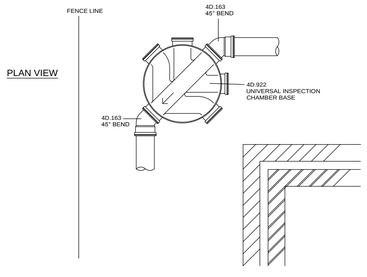
UNDER NO CIRCUMSTANCES SHOULD ANY EXTRA FITTINGS BE USED FOR THIS STANDARD DETAIL OTHER THAN THOSE SHOWN ON THIS DETAIL DRAWING.

Shallow Inspection Chamber - 90° Change of Direction
Not to Scale

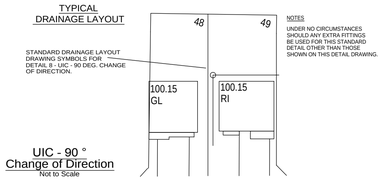
SECTION



PLAN VIEW



TYPICAL
DRAINAGE LAYOUT

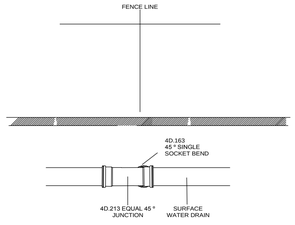


NOTES

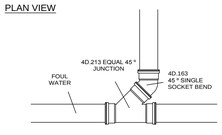
UNDER NO CIRCUMSTANCES SHOULD ANY EXTRA FITTINGS BE USED FOR THIS STANDARD DETAIL OTHER THAN THOSE SHOWN ON THIS DETAL DRAWING.

UIC - 90 ° Change of Direction
Not to Scale

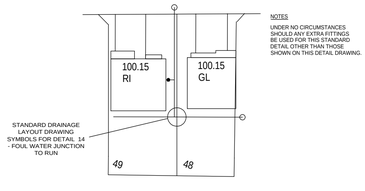
SECTION



PLAN VIEW



TYPICAL
DRAINAGE LAYOUT

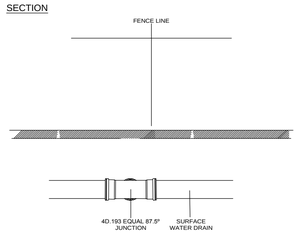


NOTES

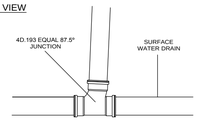
UNDER NO CIRCUMSTANCES SHOULD ANY EXTRA FITTINGS BE USED FOR THIS STANDARD DETAIL OTHER THAN THOSE SHOWN ON THIS DETAL DRAWING.

Foul Water Junction to Run
Not to Scale

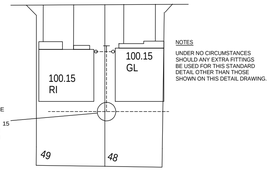
SECTION



PLAN VIEW



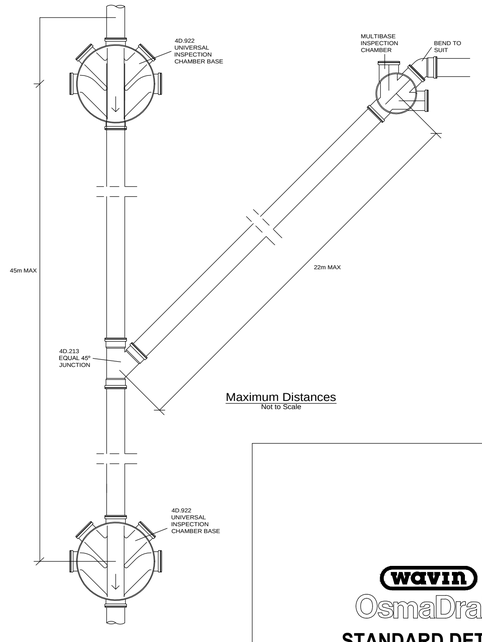
TYPICAL
DRAINAGE LAYOUT



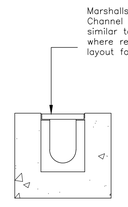
NOTES

UNDER NO CIRCUMSTANCES SHOULD ANY EXTRA FITTINGS BE USED FOR THIS STANDARD DETAIL OTHER THAN THOSE SHOWN ON THIS DETAL DRAWING.

Surface Water Junction to Run
Not to Scale



Maximum Distances
Not to Scale



LINEAR DRAINAGE - MARSHALLS BIRCO 150
NTS

NB: Marshalls' Birco 150 (or similar) specified as the shallow gradient of a number of parking areas (see drainage and levels plans) necessitates the introduction of linear channel drains with internal falls (min. 1 in 100) to point of discharge. Birco internal fall units available in 1000mm lengths to a maximum of 20m.

Additional construction details being sought from Marshalls (added when available), however, specification and further detail is available online:
https://www.marshalls.co.uk/commercial/assets/documents/product-specifications/wmgs05.pdf

Covers must be C250 classification for private drives and D400 for all shared drive/parking access areas. Style of cover to be confirmed with Client or Landscape Architect.

wavin
OsmaDrain

STANDARD DETAILS

NOTES:

Wavin/Marshalls products and details illustrated, however, similar approved products may be considered. Any alternatives proposed must be approved by Crest Nicholson prior to construction.

Typical details relate to traditional brick & block construction – please refer to Architect's specific timber-framed detailing where appropriate.

SECTION 104 - NOT APPROVED
SECTION 38 - NOT APPROVED

PRELIMINARY

REV. No.	DATE	DESCRIPTION	INITIALS

Client: CREST NICHOLSON

Project: Bodicote, Banbury

Title: Private Drainage Construction Details (sheet 2)

MJA CONSULTING
CIVIL AND STRUCTURAL ENGINEERS
Monarch House, Barton Lane,
Abingdon, Oxon, OX14 3NB
Tel: 01235 555173
Fax: 01235 523226

Scale	Date	Drawing No.	Rev
NTS @A1	Sept' 2018	5692:P23	–

Checked: KTG
Drawn: AJW

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