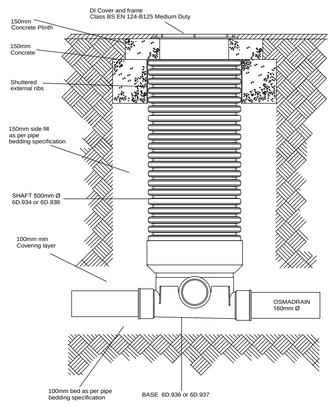
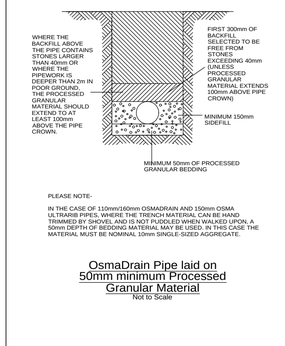


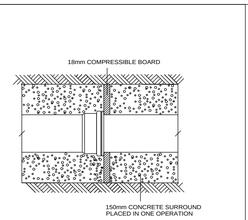
Osmadrain NIC with Medium Duty Cover & Frame
Not to Scale



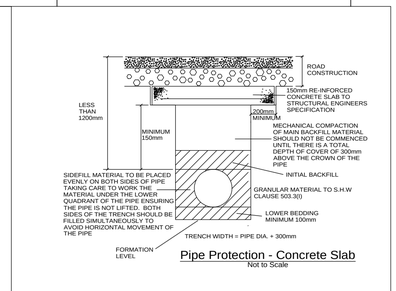
PLEASE NOTE-

IN THE CASE OF 110mm/160mm OSMADRAIN AND 150mm OSMA ULTRA(B PIPES, WHERE THE TRENCH MATERIAL CAN BE HAND TRIMMED BY SHOVEL AND IS NOT PUDDLED WHEN WALKED UPON, A 50mm DEPTH OF BEDDING MATERIAL MAY BE USED. IN THIS CASE THE MATERIAL MUST BE NOMINAL 10mm SINGLE-SIZED AGGREGATE.

OsmaDrain Pipe laid on 50mm minimum Processed Granular Material
Not to Scale

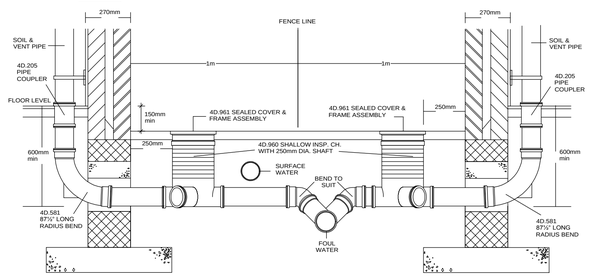


Pipe protection - Concrete Surround
Not to Scale

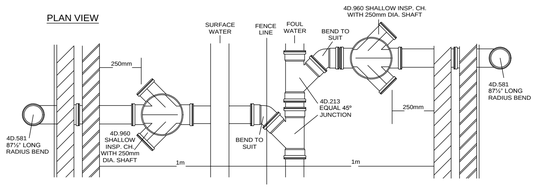


Pipe Protection - Concrete Slab
Not to Scale

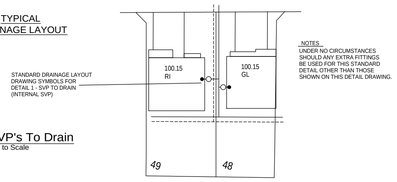
SECTION



PLAN VIEW

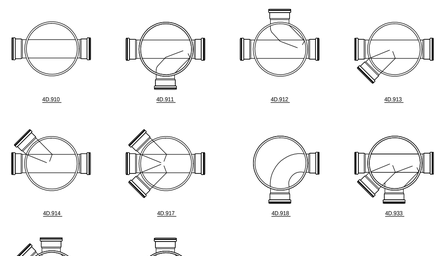


TYPICAL DRAINAGE LAYOUT



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

Internal SVP's To Drain
Not to Scale



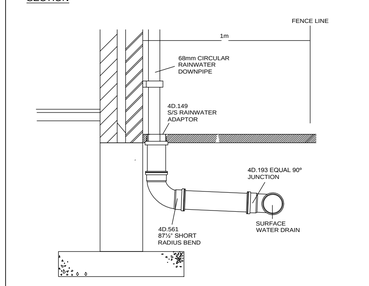
DEPTHS FOR THE MULTIBASE INSPECTION CHAMBER-

BASE + COVER = 1xSHAFT = 450mm

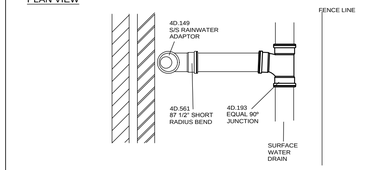
BASE + COVER = 2xSHAFT = 600mm

Multibase Inspection Chamber
Not to Scale

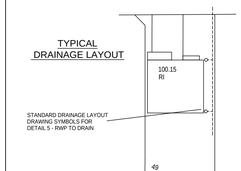
SECTION



PLAN VIEW

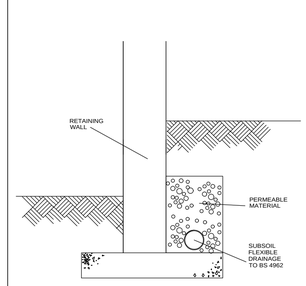


TYPICAL DRAINAGE LAYOUT

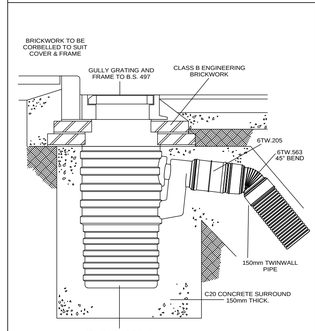


NOTES
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RWP to Drain
Not to Scale

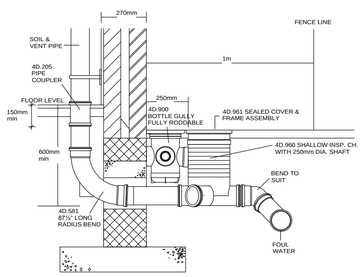


Subsoil Drainage Behind Retaining Wall
Not to Scale

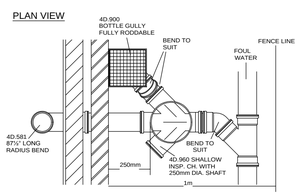


Twinwall Road Gully Detail
Not to Scale

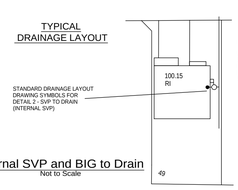
SECTION



PLAN VIEW



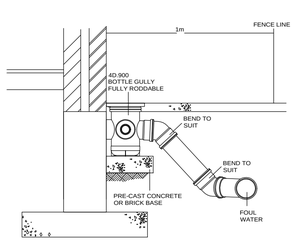
TYPICAL DRAINAGE LAYOUT



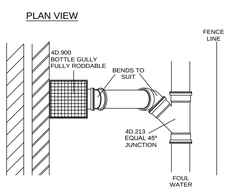
NOTES
UNDER NO CIRCUMSTANCES SHOULD ANY EXTRA FITTINGS BE USED FOR THIS STANDARD DETAIL OTHER THAN THOSE SHOWN ON THIS DETAILDRAWING.

Internal SVP and BIG to Drain
Not to Scale

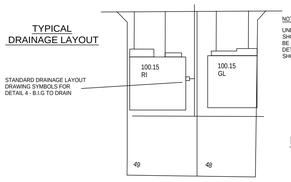
SECTION



PLAN VIEW



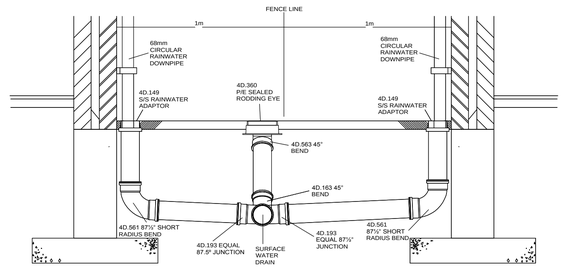
TYPICAL DRAINAGE LAYOUT



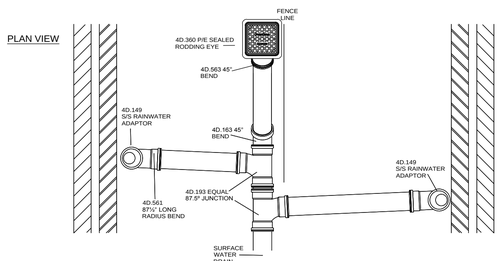
NOTES
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BIG to Drain
Not to Scale

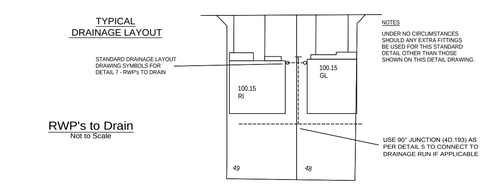
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PLAN VIEW



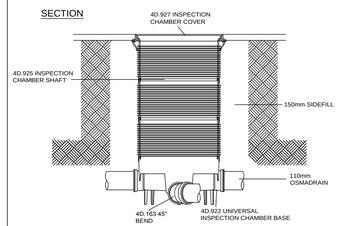
TYPICAL DRAINAGE LAYOUT



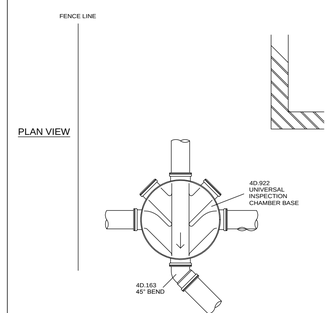
NOTES
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RWP's to Drain
Not to Scale

SECTION

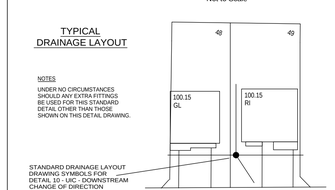


PLAN VIEW



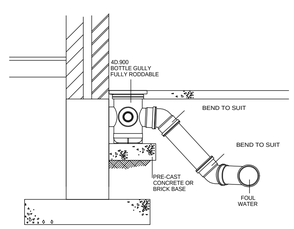
UIC Downstream Change of Direction
Not to Scale

TYPICAL DRAINAGE LAYOUT

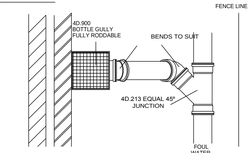


NOTES
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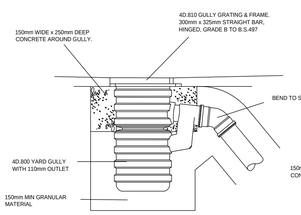
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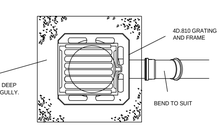
PLAN VIEW



SECTION



PLAN VIEW



Bottle Gully & Yard Gully Detail
Not to Scale

wavin OsmaDrain **STANDARD DETAILS**
(or similar Developer & Engineer approved)

PRELIMINARY

REV. No.	DATE	DESCRIPTION	INITIALS

Client: Persimmon Homes (Thames Valley)

Project: Phase 2 Littlehampton

Title: Construction Details (Sheet 2) – Private Drainage (1)

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
As shown @A1	Nov' 2017	5691:21	–
Checked KTG	Drawn AJW		

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ABAN DISTRICT COUNCIL LU9521MMA