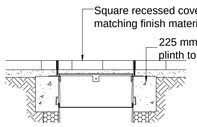
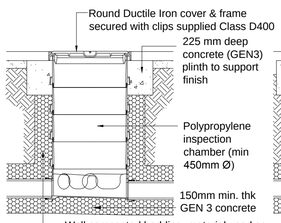
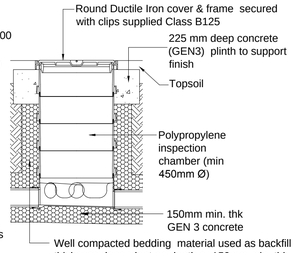
Sited in driveways / hard landscaped areas
With recessed cover



Sited in driveways / hard landscaped areas With standard round cover

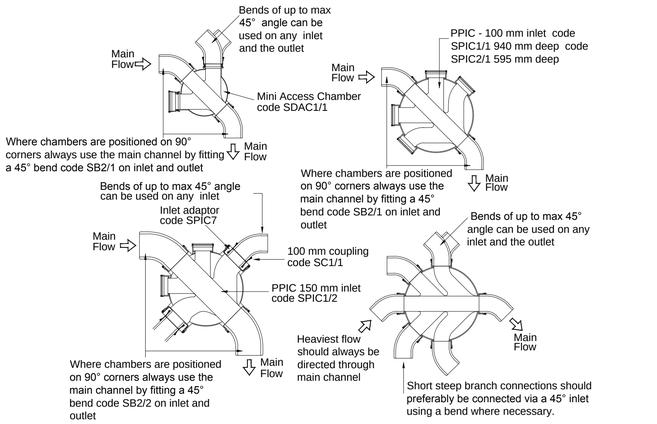


Sited in soft landscaped areas
With standard round cover

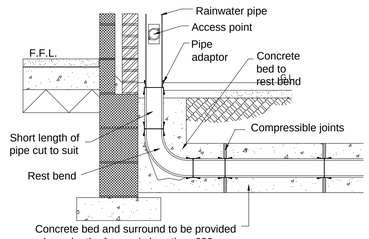


TYPICAL INSPECTION CHAMBER (IC) DETAIL

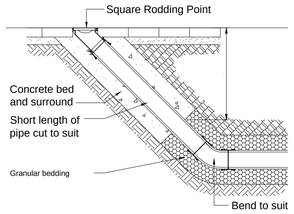
MAX DEPTH 1.2m



MINI ACCESS CHAMBER / PPIC INSTALLATION DETAIL GEN 1

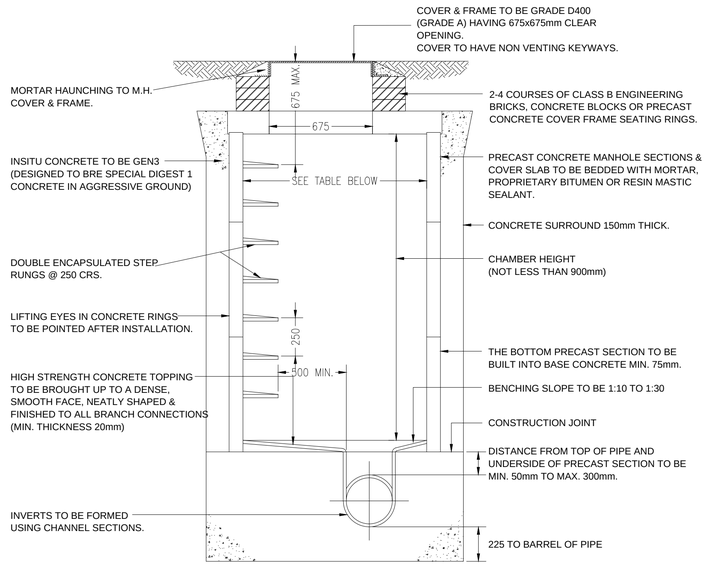


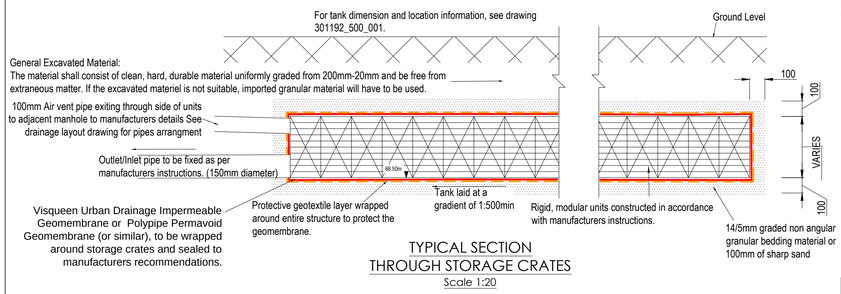
RWP CONNECTION DETAIL



RODDING POINT (RE) DETAIL

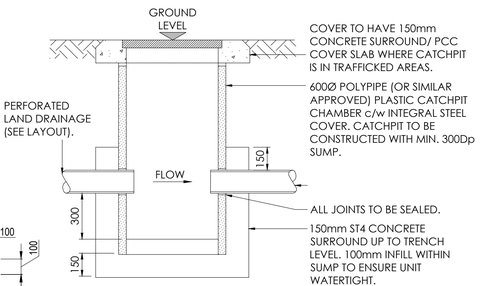
DEPTH OF COVER GREATER THAN 600mm



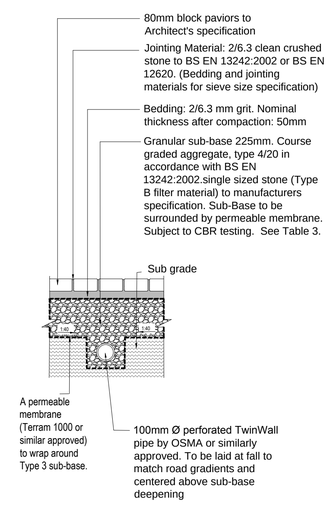


TYPICAL SECTION THROUGH STORAGE CRATES

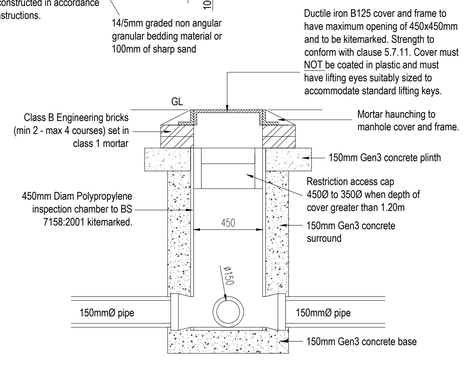
Scale 1:20



TYPICAL CATCHPIT DETAIL



PERMEABLE PAVING CAR PARK CONSTRUCTION DETAIL



TYPICAL DEMARCATION CHAMBER DETAIL 1:20

Minimum depth of Lateral drains

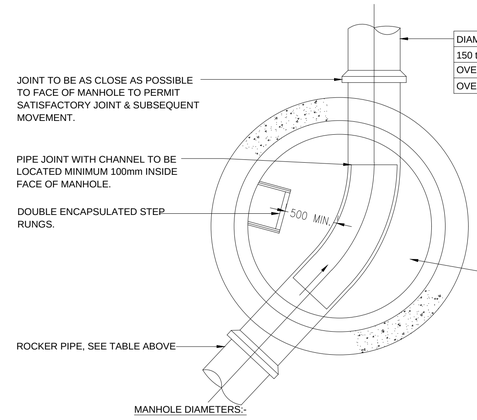
Location	Minimum Depth (m)
Gardens	0.9
Agricultural/Open spaces	0.9
Highways (inc footways)	1.2

Vitrified clay pipes to BS EN 295 kitemarked.
Unplasticised PVC pipes to BS 4660:200 & BS EN 1401-1 kitemarked.
Structured Wall Unplasticisd PVC pipes to WIS 4-35-01 kitemarked.

Demarcation chamber covers & frames

Surface	Class (Loading in kN)	Loading
Road	D400	Vehicle Impact
Footway & Driveway	B125	Occasional vehicle loading
Gardens	B125	Pedestrian/cyclist

DIAMETER OF PIPE (mm)	ROCKER PIPE LENGTH (m)
150 to 600	0.6
OVER 600 to 750	1.0
OVER 750	1.25

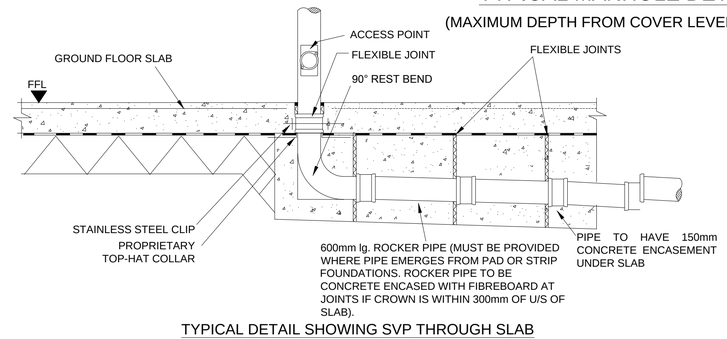


MANHOLE DIAMETERS:-

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE
LESS THAN 375	1200
375-700	1500
750-900	1800
GREATER THAN 900	CONSULT UNDERTAKER

TYPICAL MANHOLE DETAIL - TYPE B 1:20

(MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3.0m)



TYPICAL DETAIL SHOWING SVP THROUGH SLAB

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- Service connections are not shown but their presence should be anticipated.
- Reference to any third party equipment shown on this drawing was only relevant at the time the drawing was prepared.
- It is the client's responsibility to ensure that any equipment ordered meets the design.

Rev	Amendment	Drawn	Date	Checked
A	Manhole Detail Changed	JKB	4/10/22	JEM

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F 01924 844081 www.sandersonassociates.co.uk

Client: WHITE STAG HOMES

Project Title: LOCKWOOD LANE

Drawing Title: Drainge Standard Details

Scale	Drawn By
1:100	LOB
Drawing Size: A1	Checked By: JEM
Date: 02/09/2022	Approved By: PJM
	Drawing Number: 301192-500-002 / Rev: A

FILE REF:

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