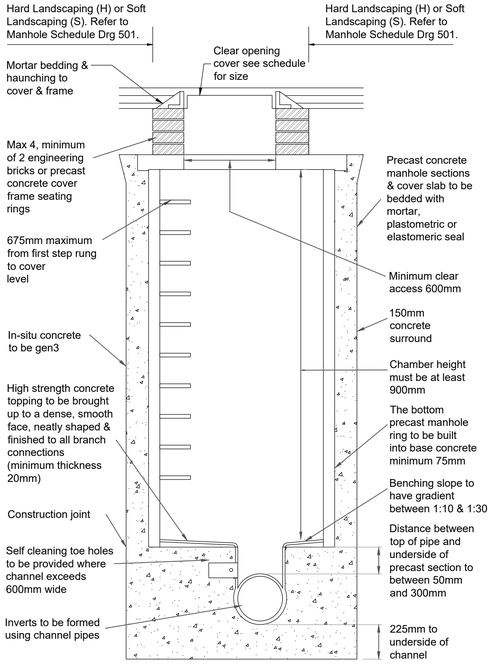
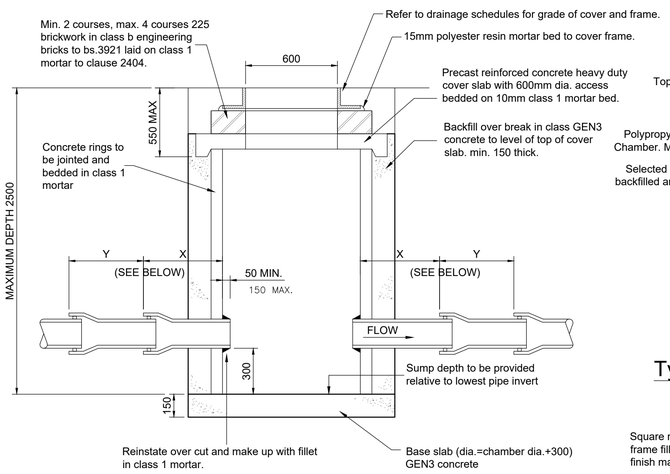


Type 2 Manhole Detail (1.2m - 3m Deep)



NOTES ON JOINTING AND PIPE LENGTHS AT CATCHPITS

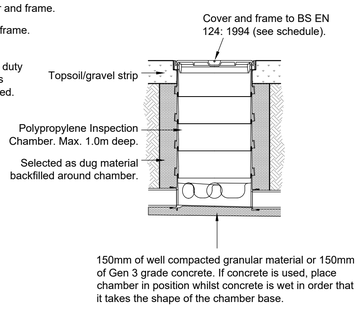
THE TWO PIPE JOINTS NEAREST TO THE CATCHPIT MUST BE FLEXIBLE

DIM X The first pipe shall have a flexible joint within 600mm of the inside face of the catchpit and shall connect to a short ``rocker'' pipe.

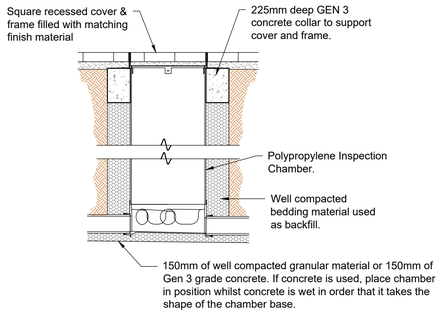
DIM Y The rocker pipe shall be of minimum length equal to the respective nominal pipe diameter and a maximum length equal to:

FOR PIPE NOMINAL DIA. UP TO:	Y MAX.
450	0.75m
750	1.00m
EXCEEDING 750	2 X NOMIMAL DIA.

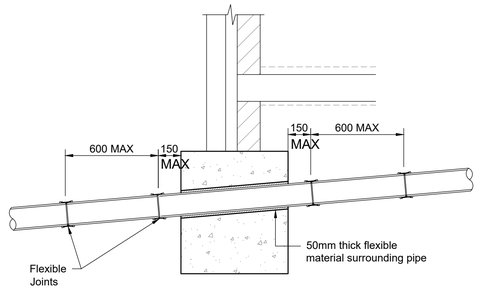
Catchpit Detail



Type 4 Inspection chamber (PPIC) in soft landscaped areas (S)



Type 4 Inspection chamber (PPIC) in hard landscaped area with recessed cover (r)



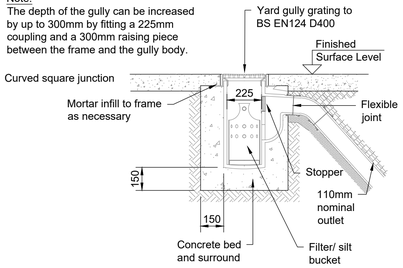
Pipe through ground beam or concrete foundation

Notes

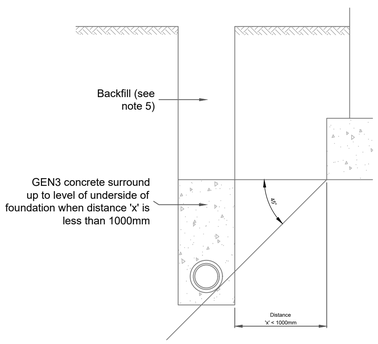
GENERAL

- This drawing is to be read in conjunction with all relevant Engineers and Architects drawings and with the Specification.
- For setting out refer to Architects drawings.
- All dimensions are in millimetres and levels are in metres unless noted otherwise.
- Contractor to take all relevant dimensions on site. Any discrepancies to be advised to the Engineer.
- Contractor to check/scan for services prior to construction to avoid any damage during works.
- These details must be read in conjunction with the proposed SWH drainage strategy drawing 0500 and manhole schedule 0501.
- For details of drainage associated with the balcony and patio areas refer to ReFormats Architectural details.

Note:
The depth of the gully can be increased by up to 300mm by fitting a 225mm coupling and a 300mm raising piece between the frame and the gully body.

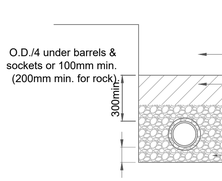


Yard Gulley Collection Detail



Laying Of Pipes Near Foundations

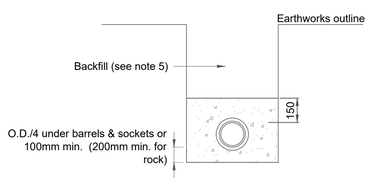
For drainage runs within 1000mm of foundations



Bedding Detail S

(Bedding Factor 2.2)

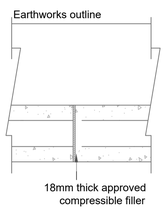
Adopted drainage to be surrounded as shown
If cover to crown of pipe:
> 1.2m under trafficked areas
> 0.6m under non-trafficked areas

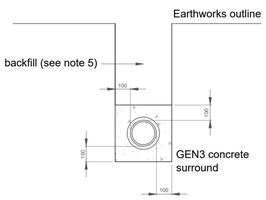


Bedding Detail Z

(Bedding Factor 2.9)

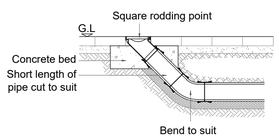
Adopted drainage to be surrounded as shown
If cover to crown of pipe:
<1.2m under trafficked areas
< 0.6m under non-trafficked areas



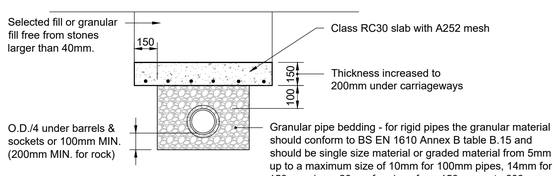


Joints For Concrete Encased Pipes

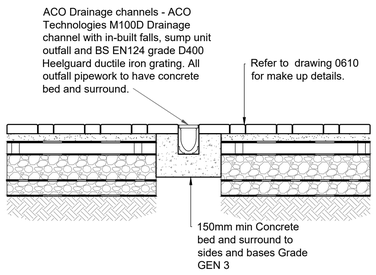
(Minimum size shown)



Rodding Eye Detail



Concrete slab protection of pipes laid at shallow depths



Typical ACO Channel Detail

DO NOT SCALE FROM THIS DRAWING

CONSTRUCTION ISSUE

C01	Construction Stage 5 Issue	RD	TK	TK	08.03.24
T01	Tender Stage 4 Issue	RD	TK	TK	14.12.23
P01	Preliminary	RD	TK	NG	07.11.23
Rev.	Amendment	Drn.	Chkd.	Appd.	Date

Project

Former HRMC Site, Durrington-on-sea

Drawing

Drainage Construction Details Sheet 1 of 2

Client

McCARTHY STONE
Life, well lived

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Scale at A1 - 1:20

SWH Project Number: 303941

SO-2870-05-CE-0510-C01