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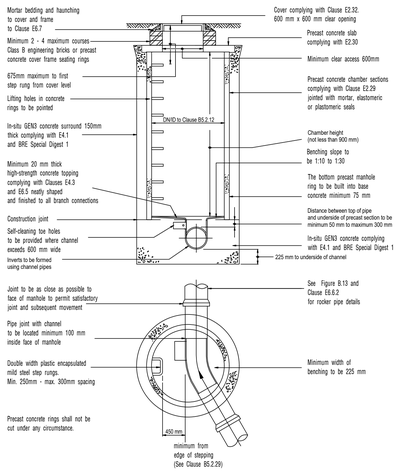
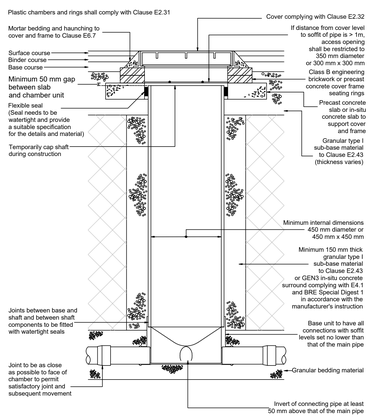


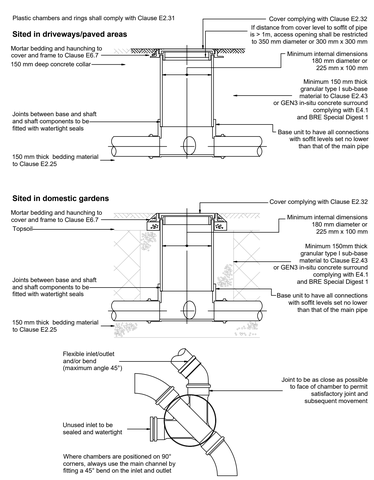
TYPICAL MANHOLE DETAIL - TYPE B

Depth from cover level to soffit of pipe 1.5 m to 3.0 m



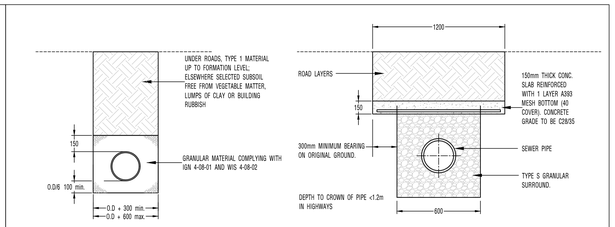
TYPICAL INSPECTION CHAMBER DETAIL - TYPE D

Depth from cover level to soffit of pipe up to 2 m
Flexible material construction for use in areas subject to vehicle loading



TYPICAL INSPECTION CHAMBER DETAIL - TYPE E

Depth from cover level to soffit of pipe up to 2 m
Flexible material construction

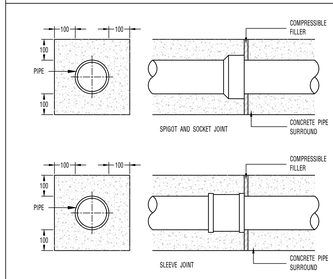


TYPE 'S' PIPE BEDDING - ADOPTABLE SEWERS

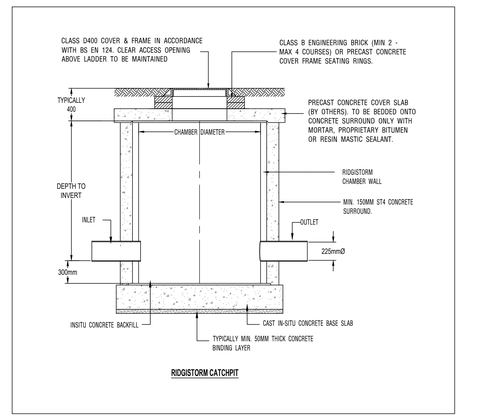
BEDDING FACTOR 2.2

(COVER DEPTH AT LEAST 1.2m & 0.5m UNDER ROADS AND ELSEWHERE RESPECTIVELY)

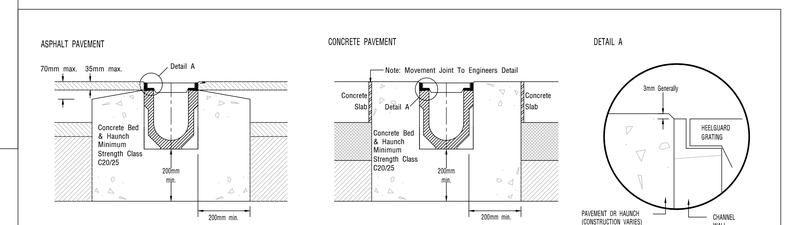
PROTECTION OF ADOPTABLE SEWER LAID AT SHALLOW DEPTHS



JOINTS FOR CONCRETE ENCASED PIPES



RIDGISTORM CATCHPIT



ACO CHANNEL DRAIN - INSTALLATION DETAILS

(NOT TO SCALE)

Rigid pipes built into manhole should have a flexible joint as close as feasible to the external face of the structure and the length of the next rocker pipe should be as shown.

Nominal diameter (mm)	Maximum effective length (m)
150 - 600	0.6
601 - 750	1.00
over 750	1.25

All pipes entering the bottom of the manhole to have soffits level.

TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES

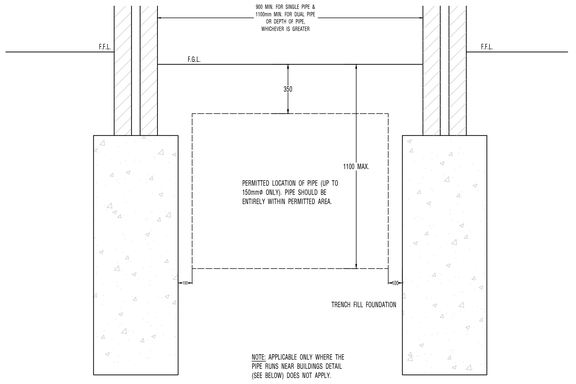
MIN. TRENCH WIDTHS	
DIA. OF DRAIN	WIDTH
100	550
150	600
225	700
300	750
375	800
600	1350

BEDDING & TRENCH DETAILS FOR PRIVATE DRAINAGE

PRE-CAST HYDRO-BRAKE CHAMBER

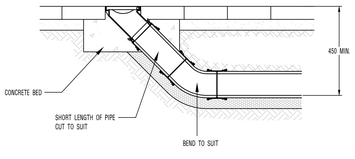
SUPPLIED BY HYDRO INTERNATIONAL WITH HYDRO BRAKE PRE-FITTED OR EQUIVALENT (NOT ADOPTABLE)

PIPE RUNS NEAR BUILDINGS

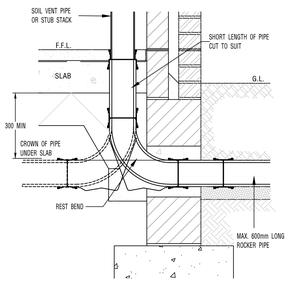


NOTE: APPLICABLE ONLY WHERE THE PIPE RUNS NEAR BUILDINGS DETAIL (SEE BELOW) DOES NOT APPLY.

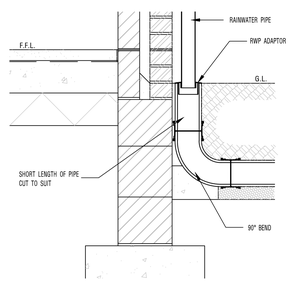
PIPE RUNS BETWEEN BUILDINGS



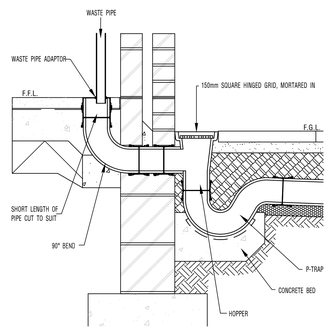
RODDING EYE DETAIL



SVP OR STUB STACK CONNECTION DETAIL



EXTERNAL RAINWATER PIPE CONNECTION DETAIL



BACK INLET GULLY

rev	date	description	Drawn	Chkd
A -	02.02.23 - 28.11.22	Construction Issue First issue.	AD DM	DN DN

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project:
Residential Development
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drawing title:
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scale: NTS @A0
status: Construction

job number: 10-5412
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revision: A