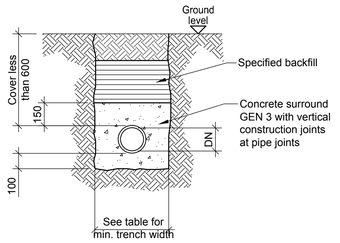
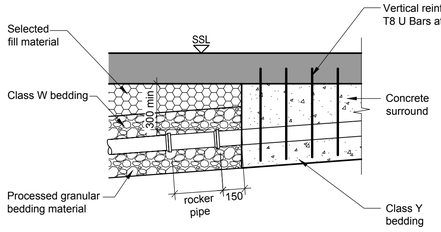
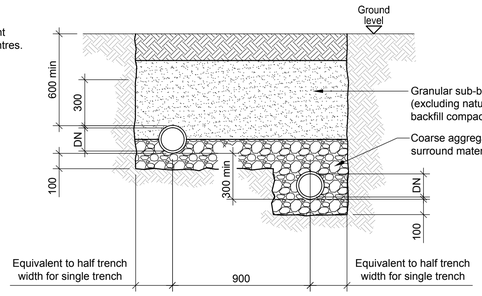


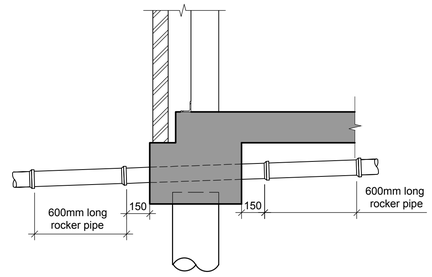
CLASS Z BEDDING



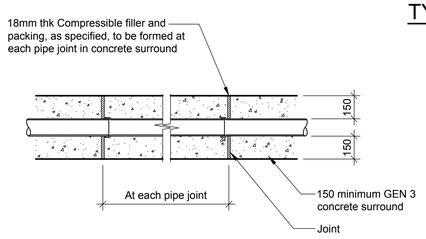
TYPICAL DETAIL FOR PIPELINES UNDER SLABS CLASS Y AND W BEDDING



UNEQUAL PIPELINES IN STEPPED TRENCH DETAIL



DRAIN CAST INTO FOUNDATION



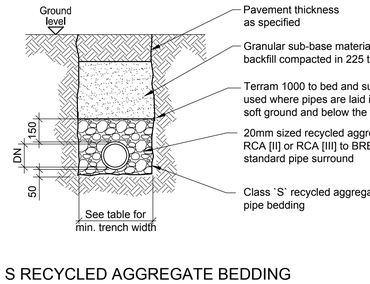
FLEXIBLE JOINTS IN CONCRETE SURROUND

TABLE 1

DN	Minimum trench width (OD + x)		
	Supported trench	Unsupported trench	
		# > 60°	# < 60°
less 225	OD + 400	OD + 400	OD + 400
225 to 350	OD + 500	OD + 500	OD + 400

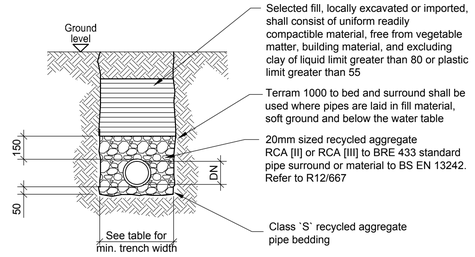
In the values OD + x, x/2 equals the minimum working space between the pipe and the trench wall or support, where:
OD is external diameter.
is angle of unsupported trench side measured to the horizontal.

MINIMUM TRENCH WIDTH IN RELATION TO NORMAL SIZE DN



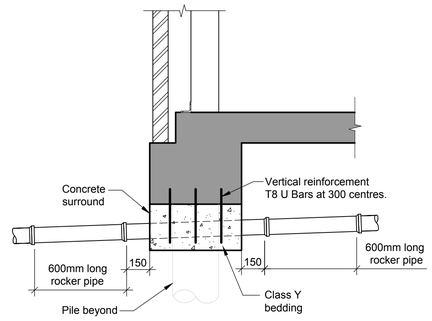
CLASS S RECYCLED AGGREGATE BEDDING

PIPE BEDDING & BACKFILL UNDER CARRIAGEWAY DETAIL [For Vitrified Pipes]

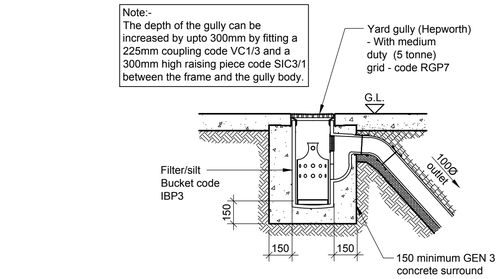


CLASS S RECYCLED AGGREGATE BEDDING

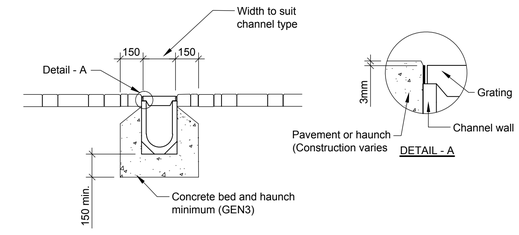
PIPE BEDDING & BACKFILL UNDER VERGE DETAIL [For Vitrified Pipes]



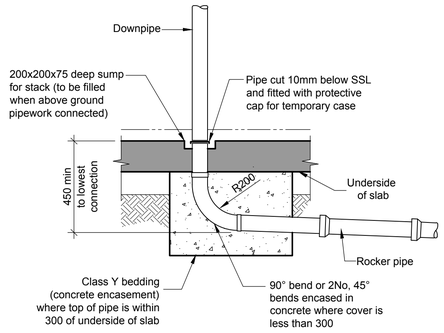
DRAIN RUN PASSING WITHIN 300mm FROM UNDERSIDE OF FOUNDATION



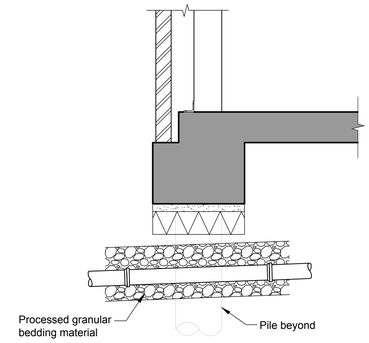
YARD GULLY



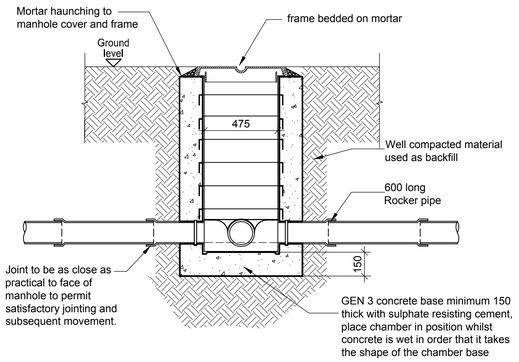
LINEAR CHANNEL DRAIN DETAIL



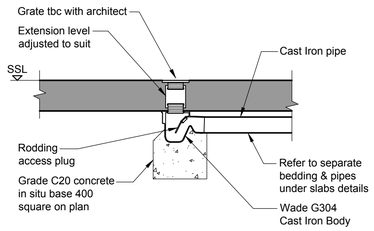
TYPICAL FOUL OR RAINWATER STACK DETAIL



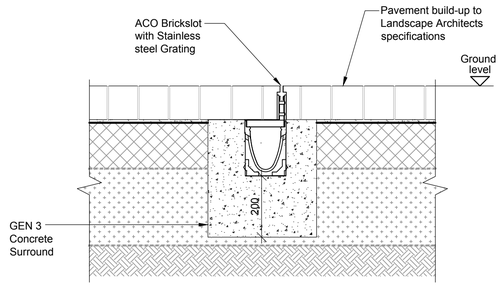
DRAIN RUN PASSING GREATER THAN 300mm FROM UNDERSIDE OF FOUNDATION



PLASTIC INSPECTION CHAMBER



TYPICAL WADE FLOOR GULLY WITH RODDING ACCESS



LINEAR SLOT DRAIN DETAIL

SCALE 1:10

Notes :

1. This Drawing is to be read in conjunction with all relevant Architect's Engineer's and specialists' drawings and specifications.
2. Do not scale from this drawing in either paper or digital form. Use written dimensions only. To check drawing has been printed to the intended scale this bar should be 50mm long @ A1 or 25mm long @ A3.
3. Health & Safety :
   All specific drawing notes are to be read in conjunction with the project "Information Pack" and "Site Rules".
4. For general notes refer to Drawing No. 22885-600
5. All pipework to be vitrified clay under building & in hard & soft landscaped areas U.N.O
   All perforated pipework to be twin wall plastic
6. All above ground connections to below ground to have a telescopic movement joint.
7. Polypropylene inspection chamber by Osma. Recessed cover to suit finished surfaces.

Ver	Date	Drawn	Eng	Amendment
6	11.04.16	DLa	KB	Issued for Construction
5	08.04.16	DLa	KB	Issued for Draft Construction
4	12.02.16	AH	KB	Issued for Construction
3	28.04.15	DLa	KB	Issued for Tender
2	21.04.15	DLa	KB	Issued for Tender
1	18.12.14	DLa	DFC	Stage 3 Issue

KINGSGATE SCHOOL
LIDDELL ROAD

BELOW GROUND DRAINAGE DETAILS SHEET 2

Status
FOR CONSTRUCTION

Drawn DLa	Eng DFC
Scales 1:20 at A1	1:40 at A3
Drawing No 22885-611	Ver 6

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