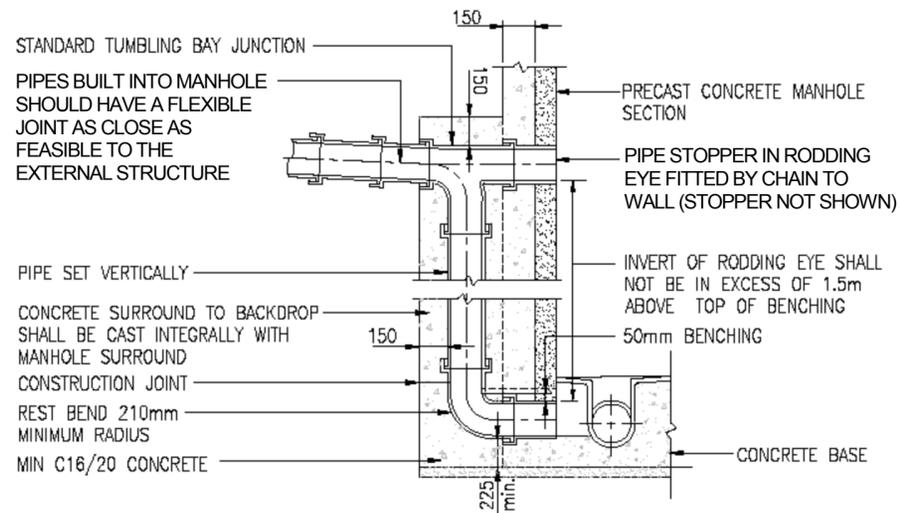
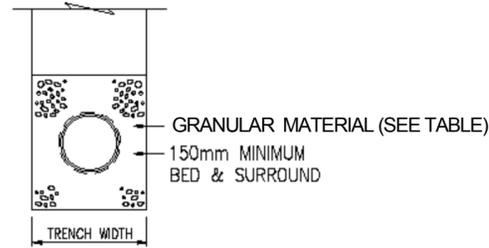


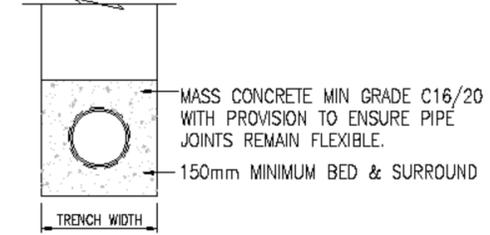
PIPE BEDDING DETAILS



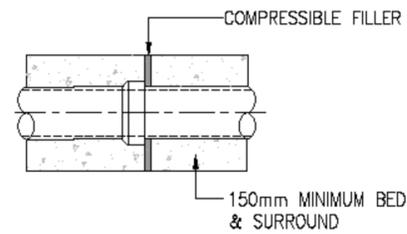
SECTION A-A
TYPICAL VERTICAL BACKDROP DETAIL



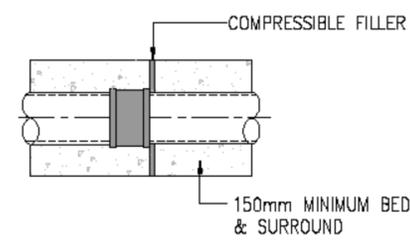
CLASS-S BED AND SURROUND



CLASS-Z BED AND SURROUND



CLASS-Z SPIGOT AND SOCKET JOINT

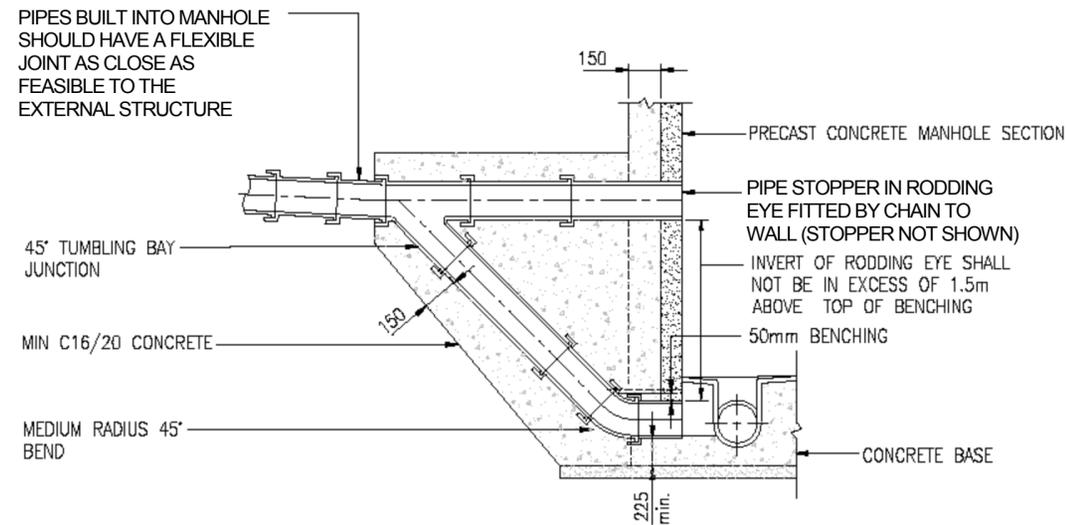


CLASS-Z SLEEVE JOINT

TABLE OF SUITABLE BEDDING AND SIDEFILL MATERIALS
PROCESSED GRANULAR BEDDING MATERIALS FOR RIGID PIPES
FOR CLASS-S & CLASS-Z

PIPE NOMINAL SIZE (DN) (mm)	NOMINAL MAXIMUM PARTICLE SIZE (mm) SEE NOTE (C)	MATERIALS SPECIFIED IN BRITISH STANDARDS
100	10	10mm NOMINAL SINGLE-SIZE
OVER 100 TO 150	15	10 OR 14mm NOMINAL SINGLE-SIZE OR 14mm TO 5mm GRADED
OVER 150 TO 300	20	10, 14 OR 20mm NOMINAL SINGLE-SIZE OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED
OVER 300 TO 550	20	14 OR 20mm NOMINAL SINGLE-SIZE OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED
OVER 550	40	14, 20 OR 40mm NOMINAL SINGLE-SIZE CRUSHED ROCK OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED OR 40mm TO 5mm GRADED

REFER TO WIS4-08-02 TABLE A.1



SECTION A-A
TYPICAL RAMP BACKDROP DETAIL

NOTES

1. ALL DIMENSIONS ARE MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE FROM THIS DRAWING. ONLY WRITTEN DIMENSIONS ARE TO BE USED.
3. STEEPER GRADIENTS ARE PREFERRED TO THE USE OF BACKDROPS.
4. ALL CONCRETE TO GIVE CLASS 4 SULPHATE RESISTANCE, GEN 3.
5. REFER TO SEWERS FOR ADOPTION FOR BEDDING, SIDEFILL AND BACKFILL MATERIALS AND PLACING OF MATERIALS.
6. MATERIAL EXCAVATED FROM TRENCHES DUG THROUGH LAND CONTAMINATED WITH DOMESTIC BUILDING OR INDUSTRIAL WASTE SHALL NOT BE USED AS BEDDING OR SIDEFILL MATERIAL.
7. MINIMUM TRENCH WIDTH PIPE O.D. + 300mm.
8. WHERE GROUND CONDITIONS REQUIRE, GEOTEXTILE TRENCH SURROUND SHALL BE USED TO PREVENT THE MIGRATION OF FINES.

REV.	DATE	DESCRIPTION	BY

COMPANY DETAILS:

CONTRACTORS DRAWING NO.	REVISION
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PROJECT TITLE

DRAWING TITLE

BACKDROP AND BED & SURROUND DETAILS

SCALE N.T.S	DRAWN	DATE	SIZE
DESIGNED	CHECKED	APPROVED	DATE
DISCIPLINE	STATUS	SITE	

DRAWING NO. 6.....	REVISION
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