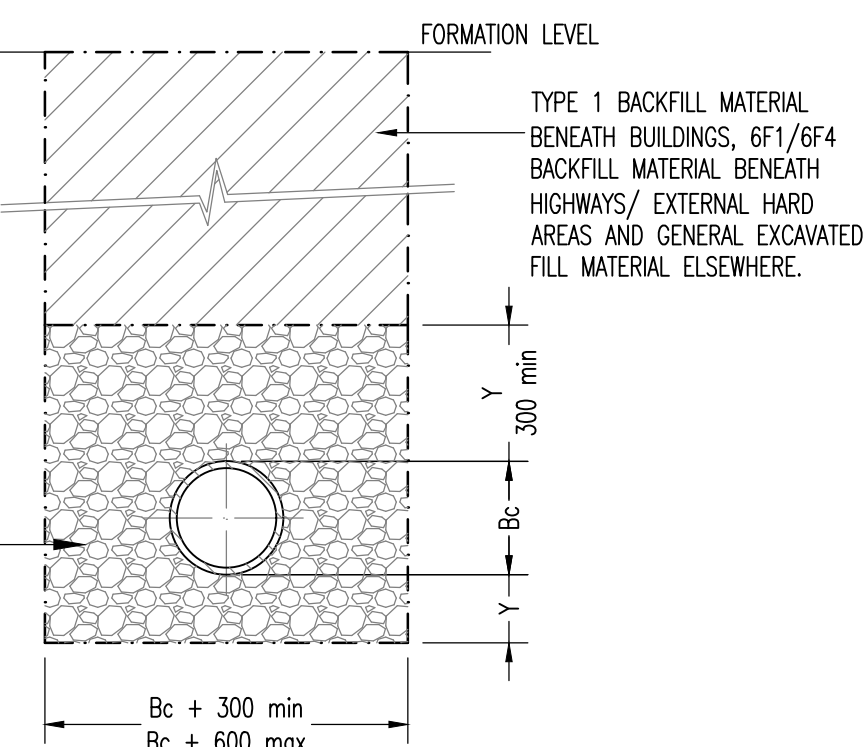




1. LESS THAN 1.2m IN TRAFFICKED (ADOPTED) AREAS
2. LESS THAN 0.90m IN TRAFFICKED (PRIVATE) AREAS
3. LESS THAN 0.6m IN LANDSCAPED/ PEDESTRIAN AREAS
4. LESS THAN 0.3m BENEATH BUILDING SLABS

Y VALUE:
HARD SPOTS/IRREGULAR TRENCH BOTTOM BC/4 (200mm MIN)
EVEN TRENCH BOTTOM BC/6 (100mm MIN)
BC = OUTSIDE PIPE DIAMETER

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HARD SPOTS/IRREGULAR TRENCH BOTTOM BC/4 (200mm MIN)
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TRENCH WIDTHS	
PIPE I.D.	OVERALL TRENCH WIDTH
100	550
150	600
225	700
300	850
375	1050
450	1150
525	1200
600	1350
675	1450
750	1500
825	1600
900	1900
1050	2100
1200	2300
1350	2500
1500	2700
1800	3100

FOR RIGID PIPES THE BEDDING SHOULD BE SINGLE SIZE MATERIAL OR GRADED MATERIAL FROM 5mm UP TO A MAX SIZE OF 10mm FOR 100mm PIPES; 14mm FOR 150mm PIPES; 20mm FOR 225mm TO 600mm PIPES; 40mm FOR OVER 600mm PIPES

COMPRESSIBLE BOARD OR
PREFORMED JOINT FILLER FOR
FULL THICKNESS OF CONCRETE
BED OR SURROUND

Diagram illustrating the joint assembly for a pipe. The assembly includes a pipe with a gasket, surrounded by a concrete bed and a flexible pipe joint. The joint is filled with a compressible board or preformed joint filler for full thickness of concrete bed or surround.

PIPE Ø	JOINT THICKNESS
< 450	18mm
450 - 1200	36mm

(BITUMEN IMPREGNATED INSULATING BOARD TO
BS EN 622-1 AND BS EN 622-4)

JOINTS FOR CONCRETE
SURROUND TO PIPES
(AT EACH PIPE JOINT)

NOTES

1. MAXIMUM TRENCH WIDTH 150mm GULLY LEAD 600mm.
2. NUMBER OF BENDS MAY VARY DUE TO SITE DIFFERENCES.
3. CONCRETE SURROUND OF PIPES SHALL ALWAYS FINISH AT A JOINT.

ROCKER PIPE
SEE TABLE

IF CLEARANCE IS LESS THAN
300mm THIS DETAIL WILL BE
REQUIRED

ROCKER PIPE
SEE TABLE

150 MIN GEN3/ST4
CONCRETE SURROUND
TO PIPES

ROCKER PIPE
SEE TABLE

JOINTS TO BE AS CLOSE AS
POSSIBLE TO CONCRETE SURROUND
TO PERMIT A SATISFACTORY JOINT
AND SUBSEQUENT MOVEMENT

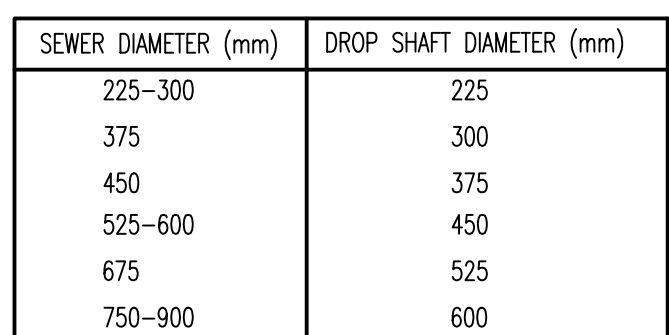
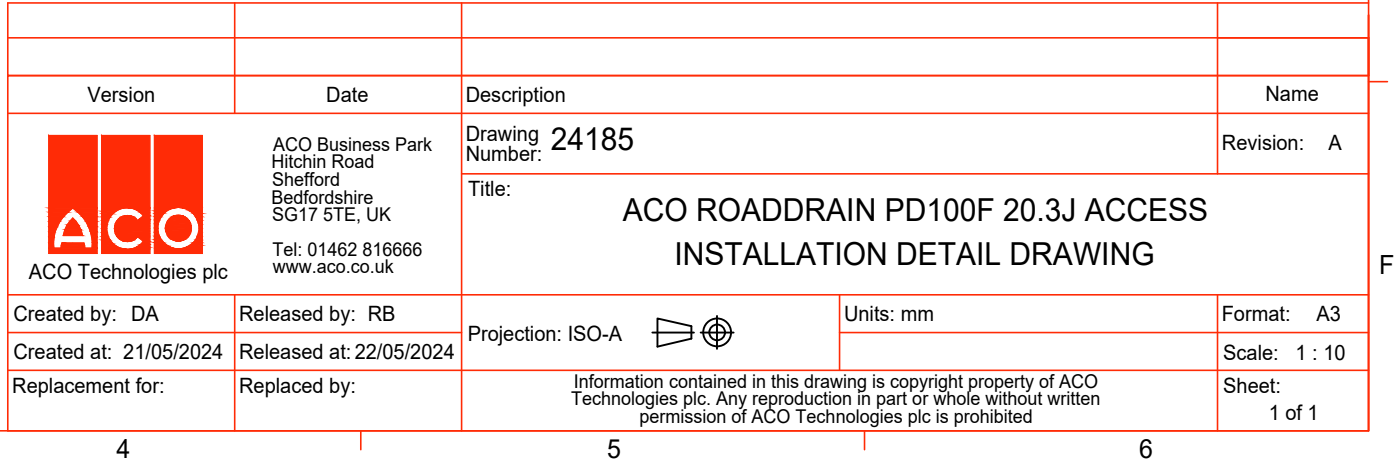
ROCKER PIPE
SEE TABLE

ROCKER PIPE
SEE TABLE

ELEVATION

PLAN

REQUIRED IF CLEARANCE BETWEEN PIPES CROSSING EACH OTHER IS LESS THAN 300mm



TYPICAL VERTICAL BACKDROP DETAIL

NOTE : WHERE THE DROP IS NOT EXCESSIVE A 45° DROP PIPE MAY BE USED

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4. ALL DIMENSIONS SHOWN ARE IN METRES UNLESS NOTED OTHERWISE.

P01	17.03.25	PRELIMINARY ISSUE	ARJ	MN
REV.	DATE	DETAILS	DRN.	CH

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DRAWN ARJ	DATE MAR 25	SCALES AS SHOWN
CHECKED PAW	DATE MAR 25	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE --DO NOT SCALE--
APPRVD. MN	DATE MAR 25	EMAIL FOR DRAWINGS info@roccconsulting.com

CLIENT

PROJECT TITLE

WHITEFIELD CENTRE
TEMPORARY MODULAR SCHOOL

DRAWING TITLE

DRAINAGE DETAILS

SHEET 2 OF 2

DRAWING No.	REV.
4872/ROC/ZZ/XX/DR/C/0504	P01

4872