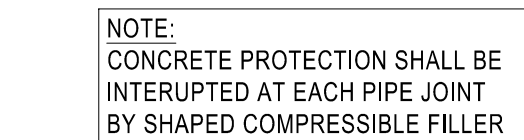
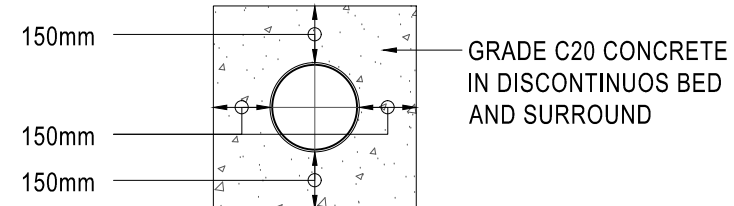


DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 1.5m TO 3m
RIGID MATERIAL CONSTRUCTION WITHOUT CONCRETE SURROUND



CONCRETE PROTECTION



SAFETY CHAIN DETAIL
END ELEVATION

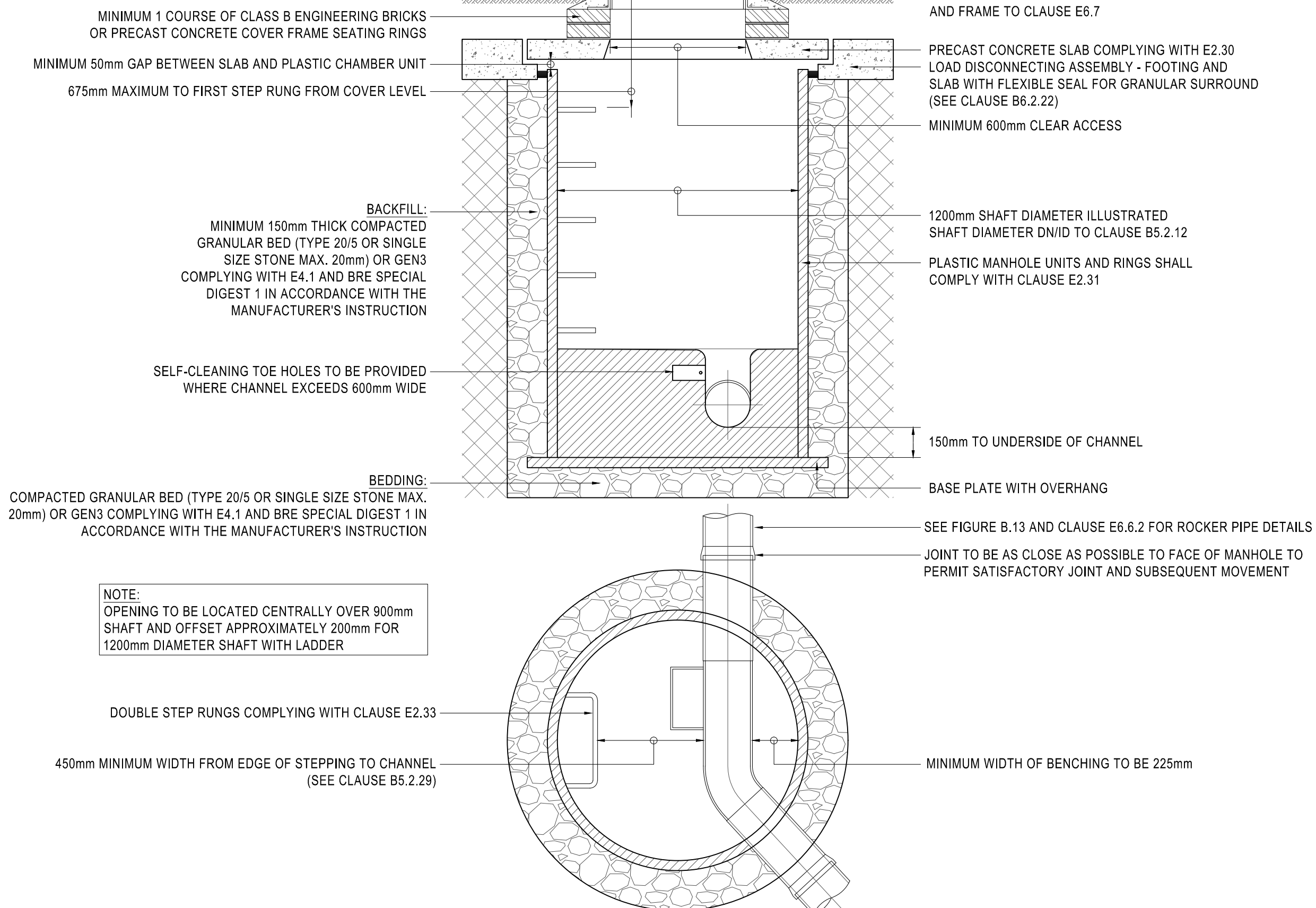
DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375-450	1350
500-700	1500
750-900	1800
GREATER THAN 900	PIPE DIAMETER + 900

ROCKER PIPES

PIPE DIAMETER (mm)	EFFECTIVE LENGTH (m)
150-600	0.60m
601-750	1.00m
750 AND GREATER	1.25m

TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES

DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 1.5m TO 3m
ALTERNATIVE RIGID MATERIAL CONSTRUCTION WITH CONCRETE SURROUND



- Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed sewers is to be checked by the Contractor prior to starting work.

-	First Issue	23/01/24	RA
Rev.	Description	Date	By

PRELIMINARY

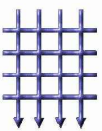
Subject to United Utilities approval as part of ongoing consultations and design check, amendments may therefore be requested.



Project **Brunswick Street**
Greater Manchester

Adoptable Drainage Construction Details

Sheet 3 of 4



BANNERS GATE

CIVIL, STRUCTURAL & ARCHITECTURAL DESIGN SERVICES

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Scale	1:20 @ A1	Drawn	RA
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Date	January 2024	Checked
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