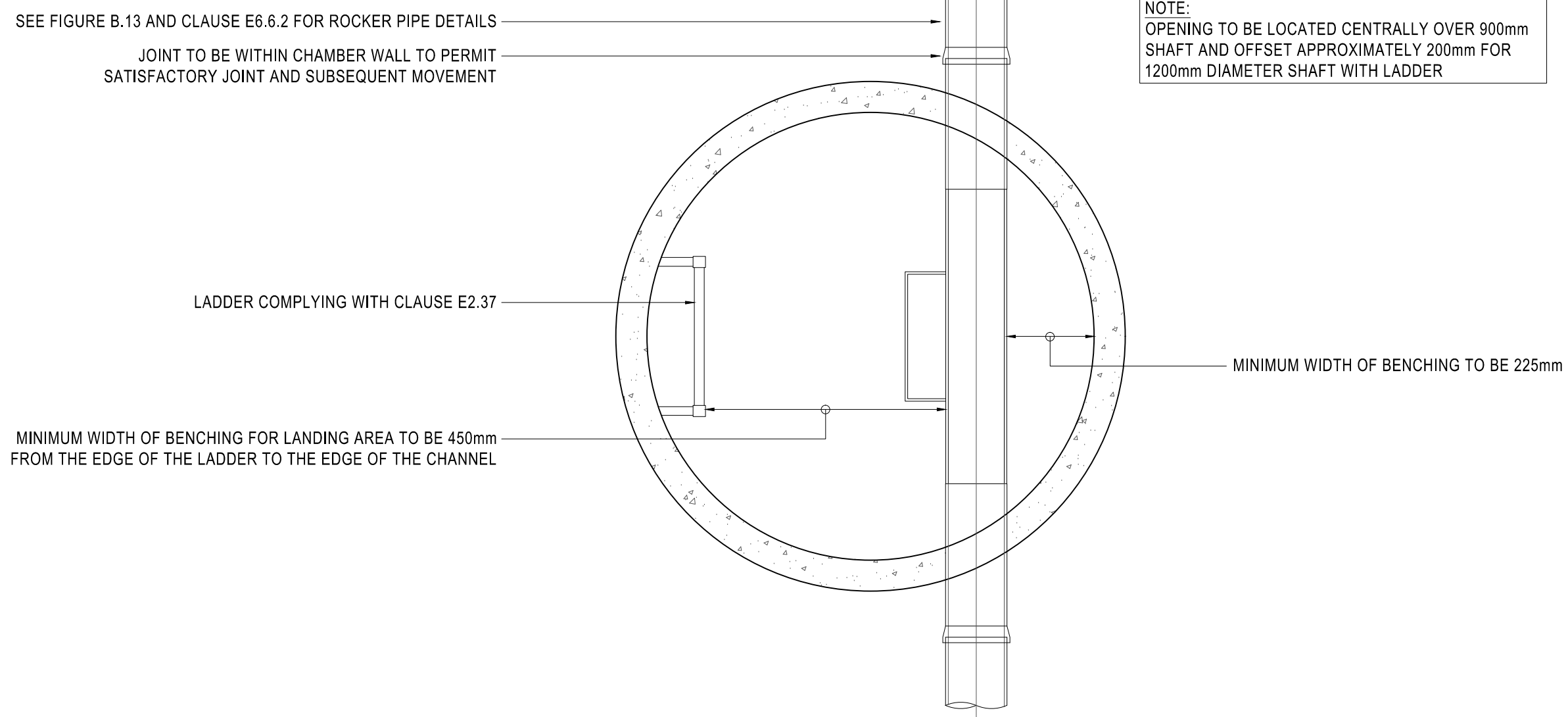
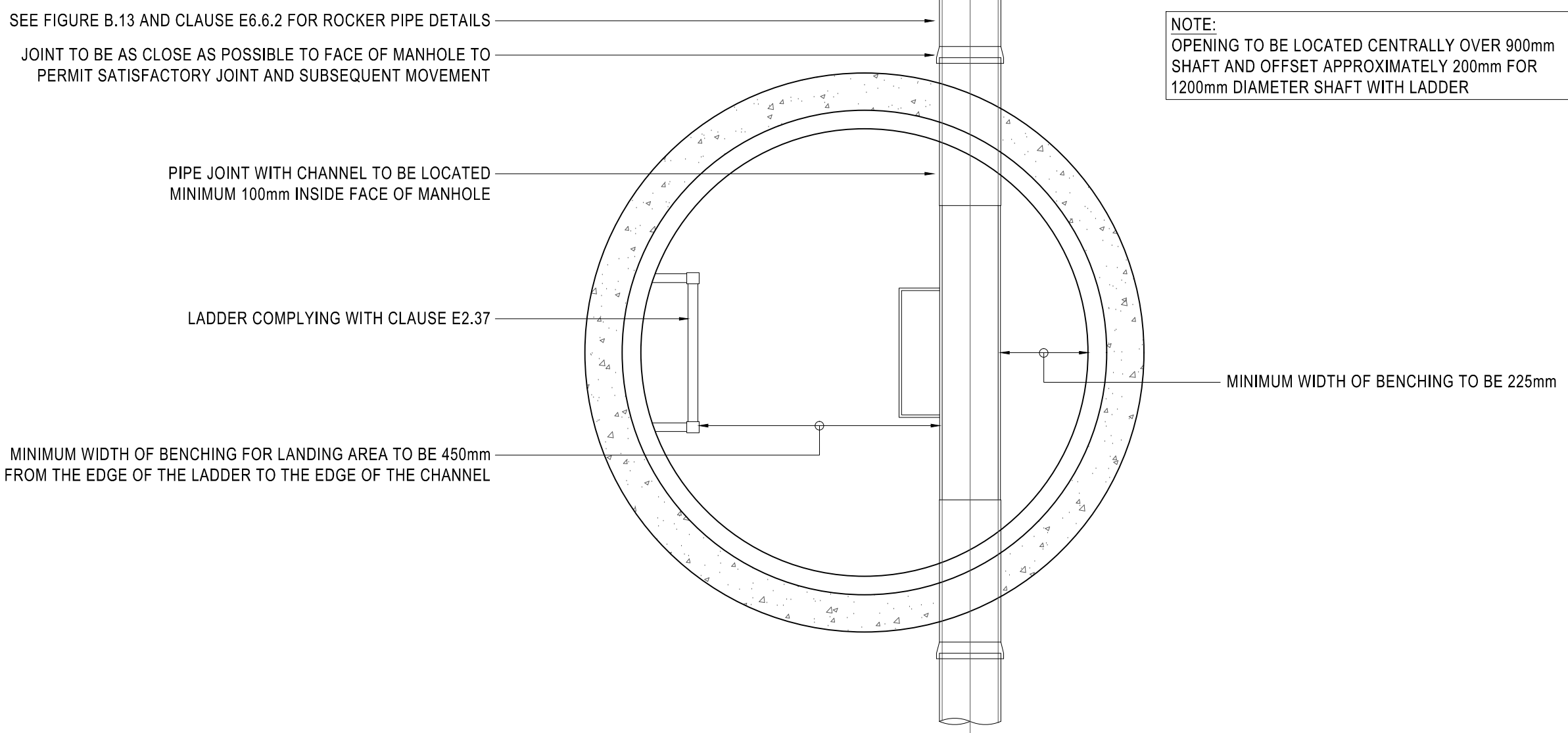


**DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3m TO 6m WITH LADDER AND REDUCING SLAB
RIGID MATERIAL CONSTRUCTION WITHOUT CONCRETE SURROUND**



DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3m TO 6m WITH LADDER AND REDUCING SLAB
ALTERNATIVE RIGID MATERIAL CONSTRUCTION WITH CONCRETE SURROUND



The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and level inverts at connection points and ensure that they are fully conformant with the conditions and requirements of the site investigation report before work starts. The Contractor is to comply in all respects with current building legislation, British Standard BS5606:2005 and any other relevant codes of practice or standards.

This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for said structures which do not conform with the design must be investigated by the Contractor and immediately reported to the Engineer, who will be responsible for any applicable. Any suspected fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert. Any evidence shown indicating typical aspects for guidance only and must be investigated further by a suitable expert. The Contractor is to ensure that all structures are situated at least 3 metres from any existing or proposed structures. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be constructed in accordance with the design details.

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- This drawing is to be used in conjunction with relevant architectural and engineering drawings.
- Levels indicated in blocks are Finished floor levels and are 150mm above adjacent finished ground levels unless otherwise shown.
- Levels of the existing road at the point of tie-in with proposed site road must be checked prior to commencement of works.
- Any discrepancies between the details shown and actual on site conditions to be reported immediately to the engineer prior to commencement of works.

- Roads, footways and parking bays which form part of the highway to be adopted under Section 38 of the Highways Act 1980 shall comply with the requirements of the Adopting Authority.
- Sewers to be adopted under Section 104 of the Water Industries Act 1991 shall comply with the Sewerage Services Regulations 2002 (Design & Construction Code) with any amendments specified by the Adopting Water Authority.
- All pipes to be used in adoptable sewerage shall be either clayware to BS EN 255 or concrete to BS EN 196 and BS 5911 Part 1 with Class B bedding unless otherwise stated. With approval of the Adopting Authority, reinforced concrete or reinforced uPVC pipes complying with the relevant provisions of BS EN 13476 may be used.
- Where cover to a pipe is more than 1200mm under adoptable carriageway the trench shall be filled to formation of the carriageway with wet compacted D7 Type 1 material.
- Where cover to a pipe is less than 1200mm under adoptable carriageway it shall be provided with concrete bedding to the underside of the adoptable authority and back filled to formation of the carriageway with wet compacted D7 Type 1 material. Where concrete bed and surround is specified flexibility of joints is to be maintained by using compressible bitumen impregnated fibreglass fabric.
- All existing drainage invert levels, manholes and locations are to be checked by the Contractor prior to the commencement of any proposed drainage works. Any difference between actual and drawn details is to be reported to the Engineer.
- Profound of existing adoptable/contractor undertakes apparatus adjust or to crossing proposed drains to be checked by the Contractor prior to starting work.

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

Drawing Status

PRELIMINARY

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



Project	Brunswick Street Greater Manchester
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Title	Adoptable Drainage Construction Details Sheet 1 of 4
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Scale	1:20 @ A1	Drawn	RA
Date	January 2024	Checked	
File	23248/dwgs/civils/current	Drawing	23248-BGC-D- 310