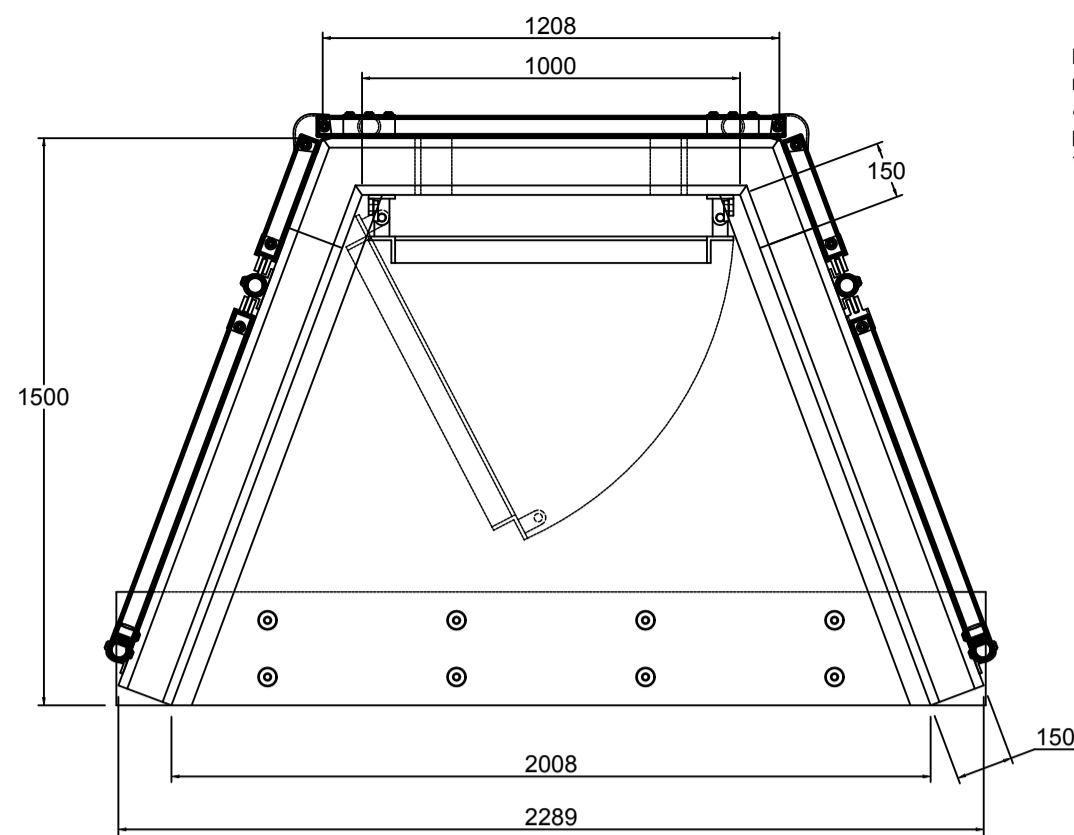
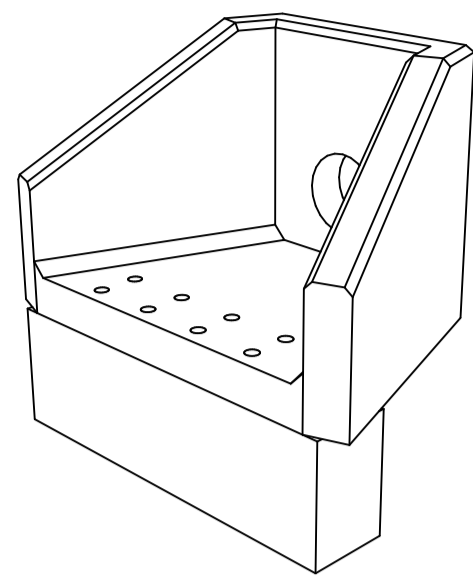
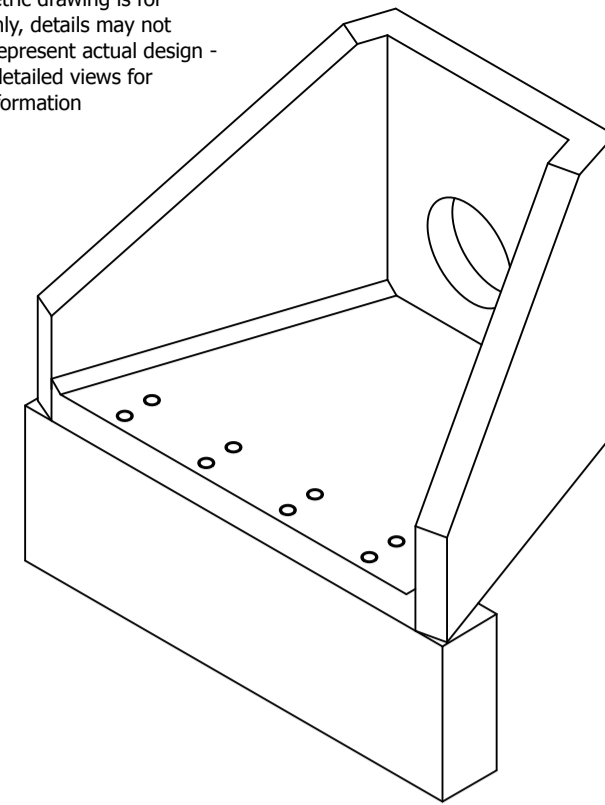


Note: Isometric drawing is for reference only, details may not accurately represent actual design - please see detailed views for technical information

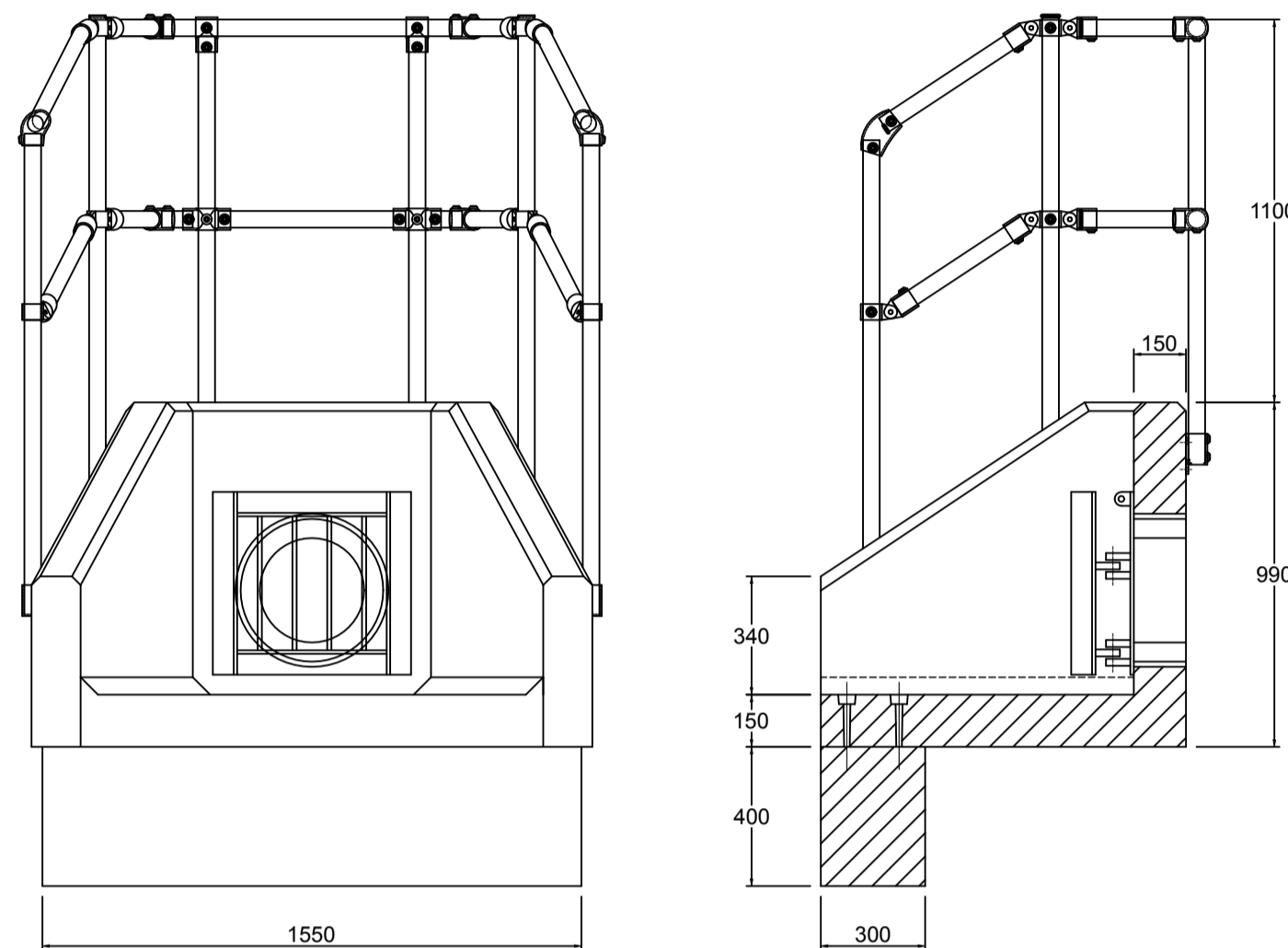


Note: Isometric drawing is for reference only, details may not accurately represent actual design - please see detailed views for technical information

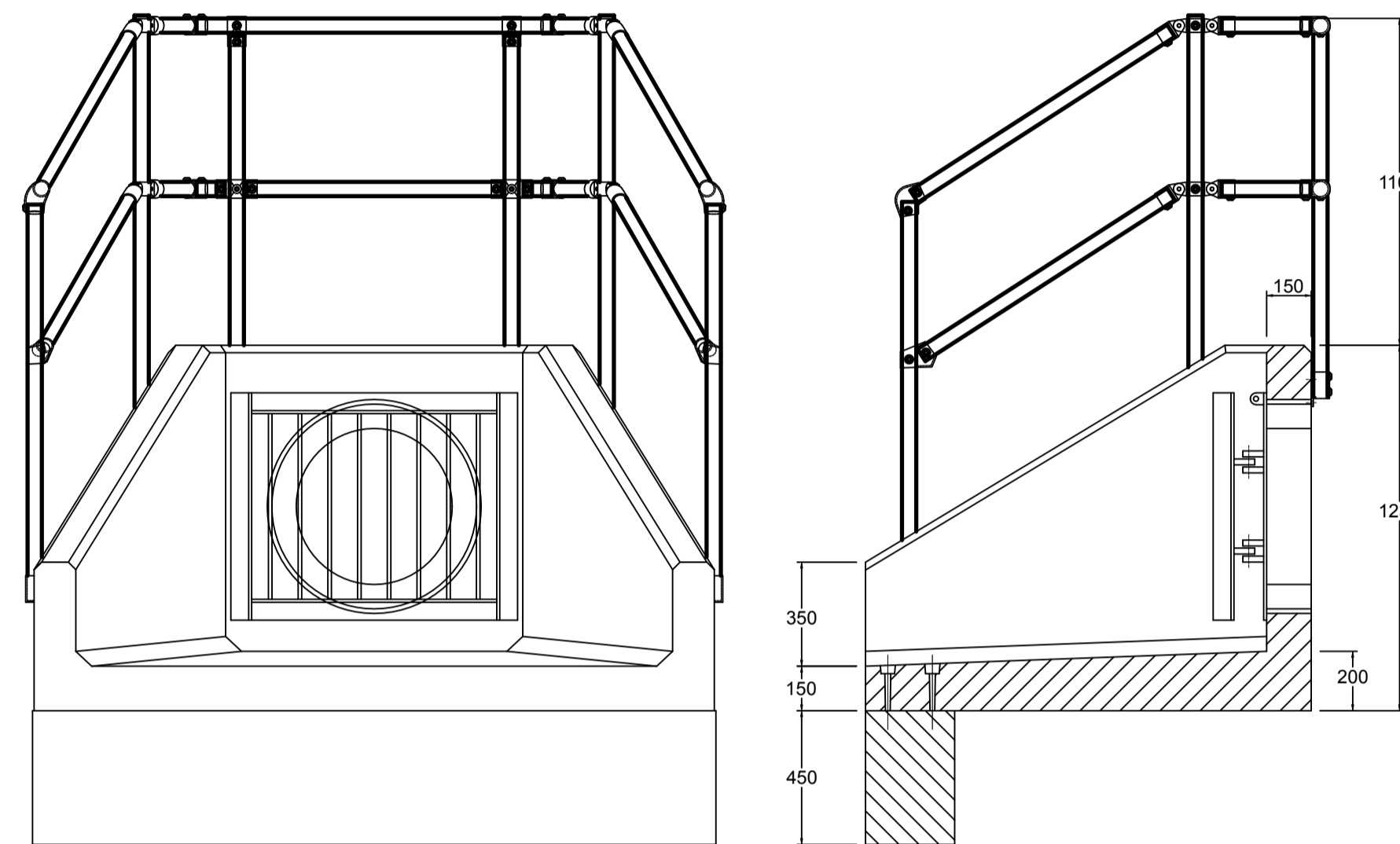


All Headwalls to be Althon SFA6  
Pre-cast as specified  
All pre-cast headwalls to be installed  
in strict accordance with  
manufacturers instructions and  
adopting authority requirements

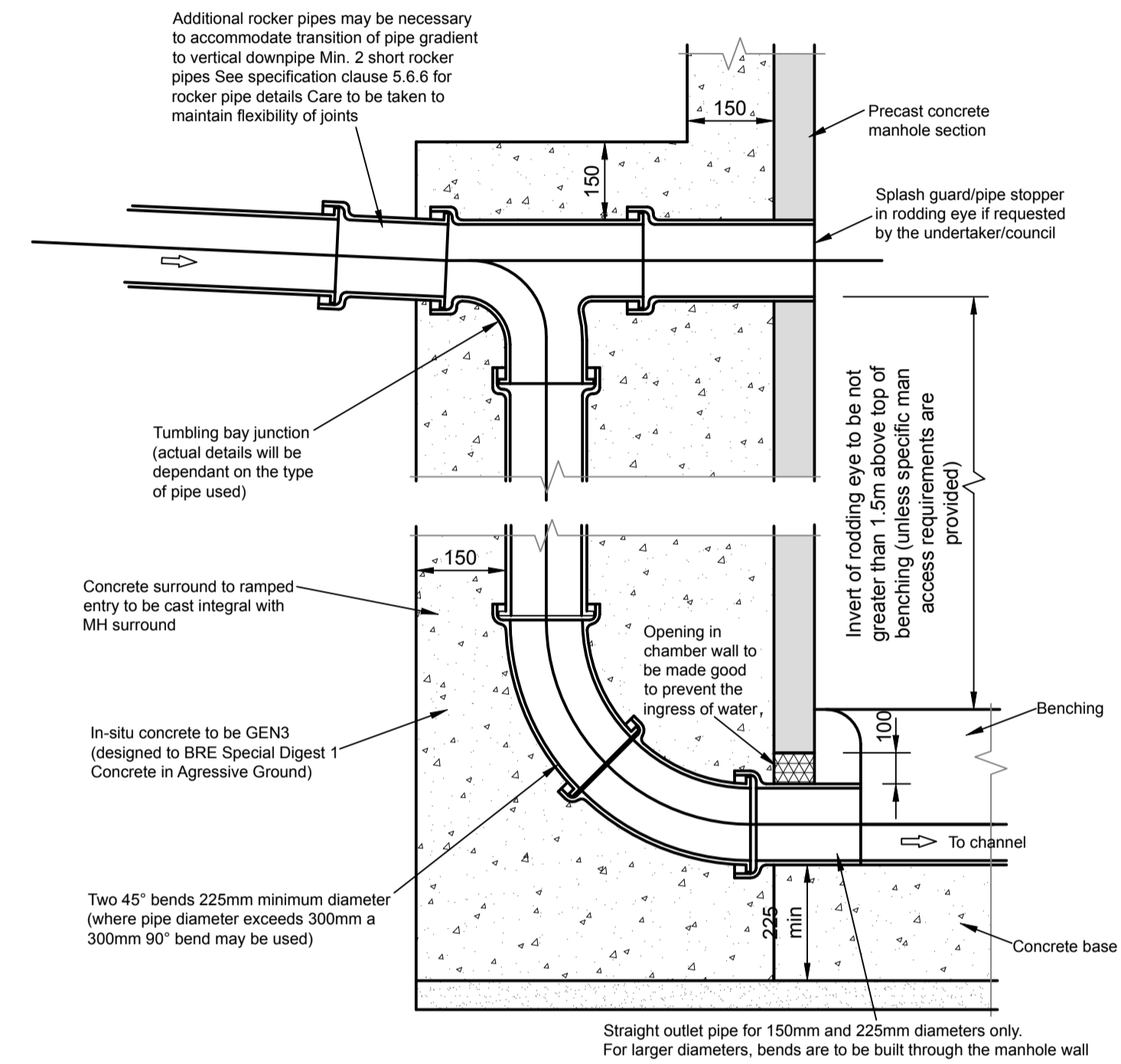
Refer to manufacturers details for  
Safety Grill and Handrail specifications



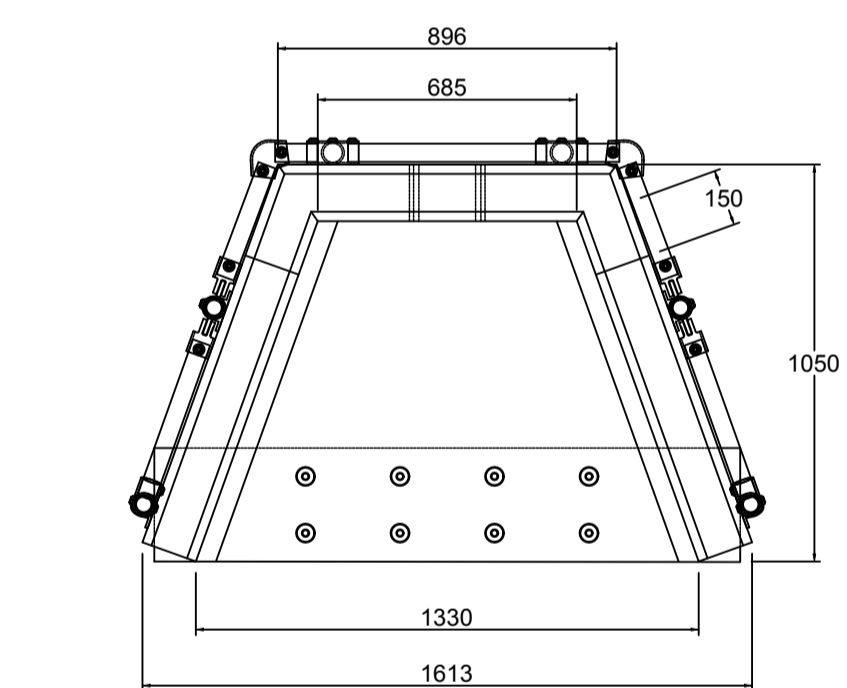
ALTHON SFA6B Headwall - 300mm  
400 x 300mm Toe  
3 Sided Kee Klamp  
SFA1 300 Outfall Safety Grille



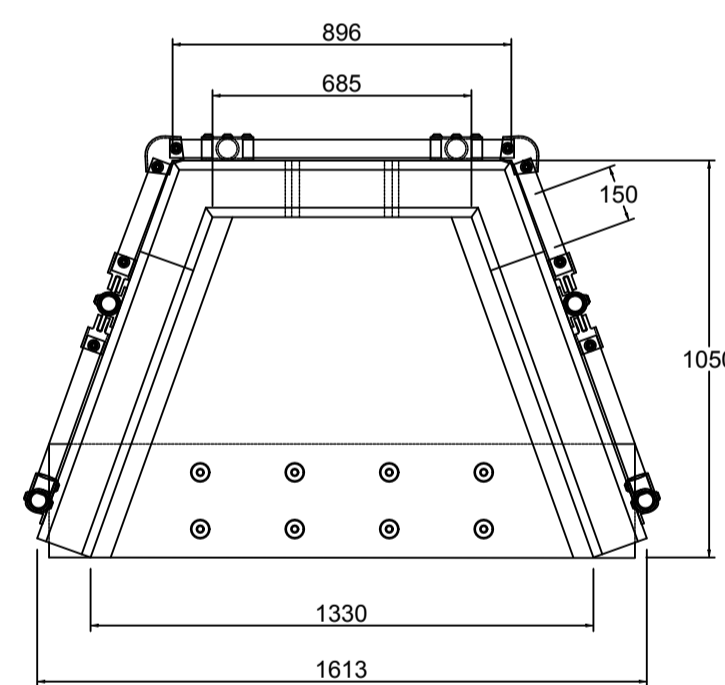
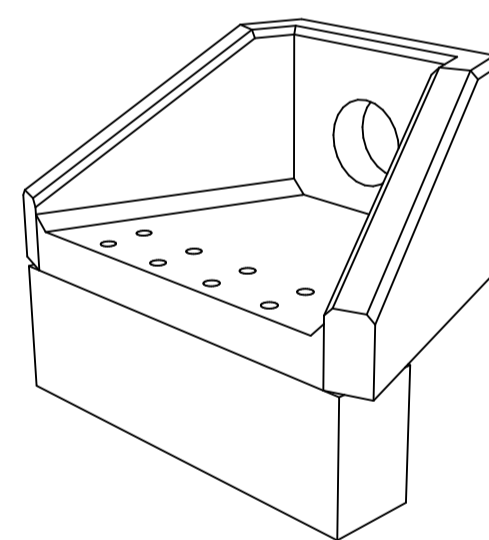
ALTHON SFA10C Headwall  
450 x 300mm Toe  
SFA1 600 Outfall Safety Grille  
3 Sided Kee Klamp



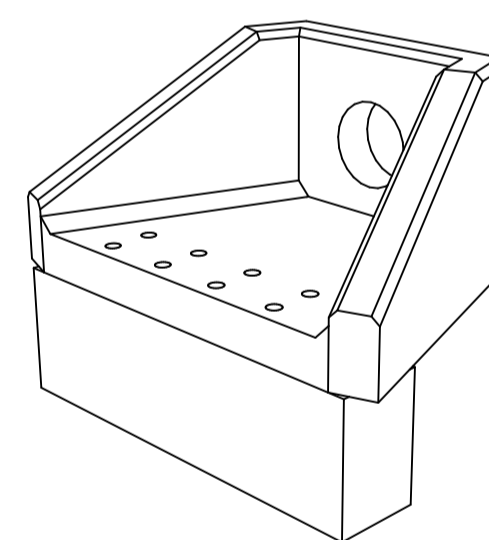
Typical External Vertical Backdrop Detail Note: Steeper gradients are preferred to the use of backdrops Where the backdrop is not excessive a 45° drop pipe may be used (NTS)



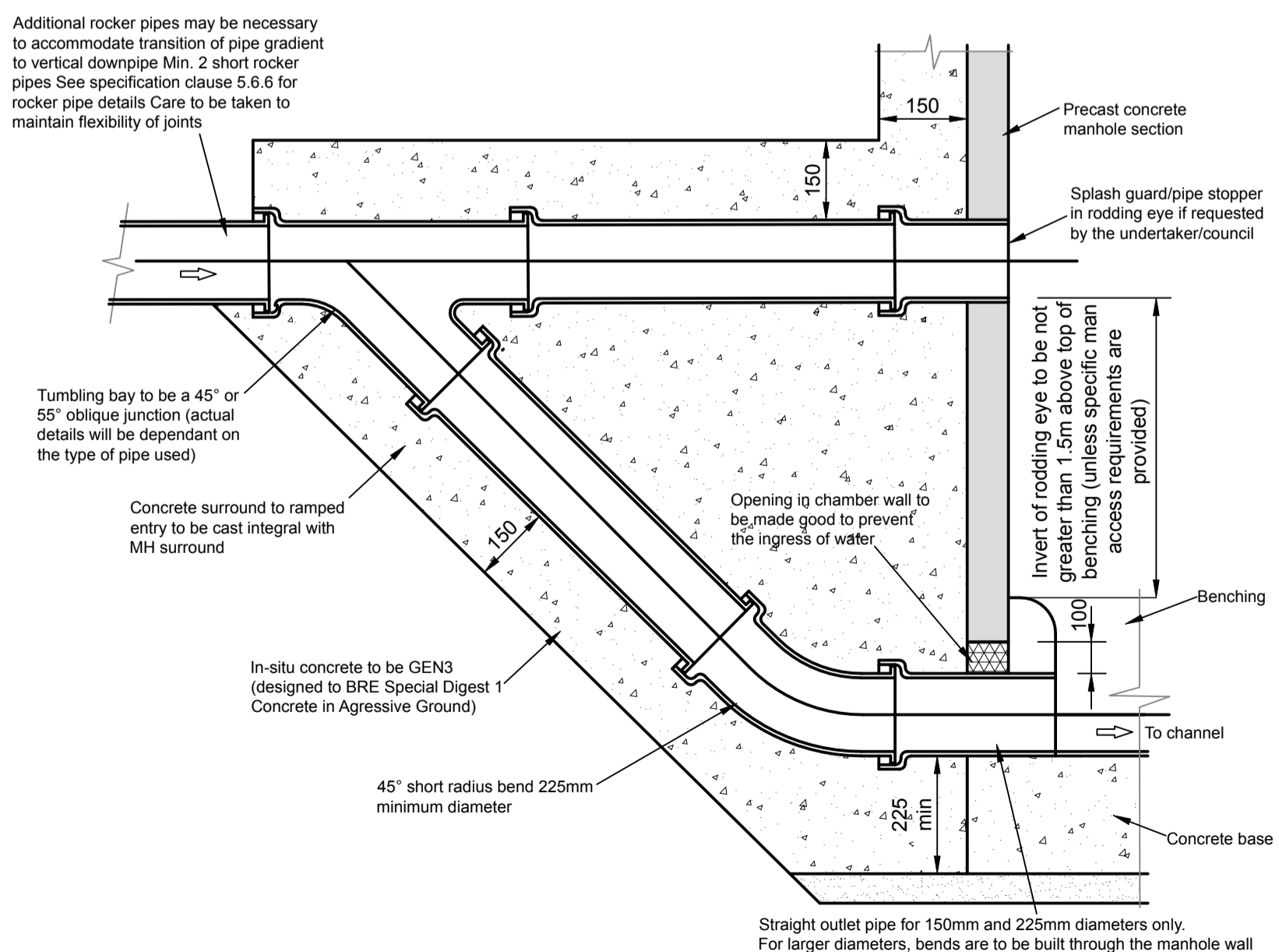
Note: Isometric drawing is for reference only, details may not accurately represent actual design - please see detailed views for technical information



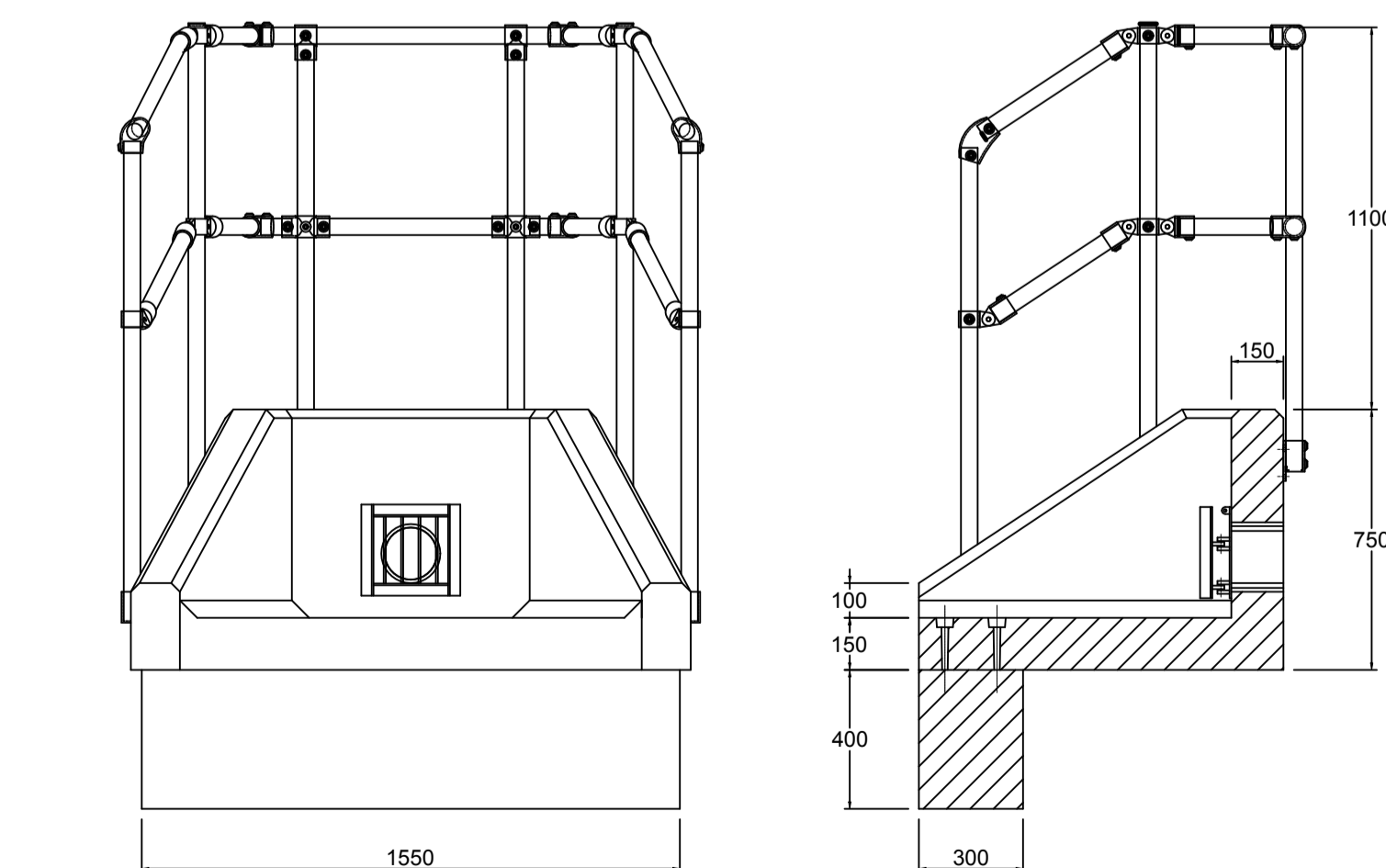
Note: Isometric drawing is for reference only, details may not accurately represent actual design - please see detailed views for technical information



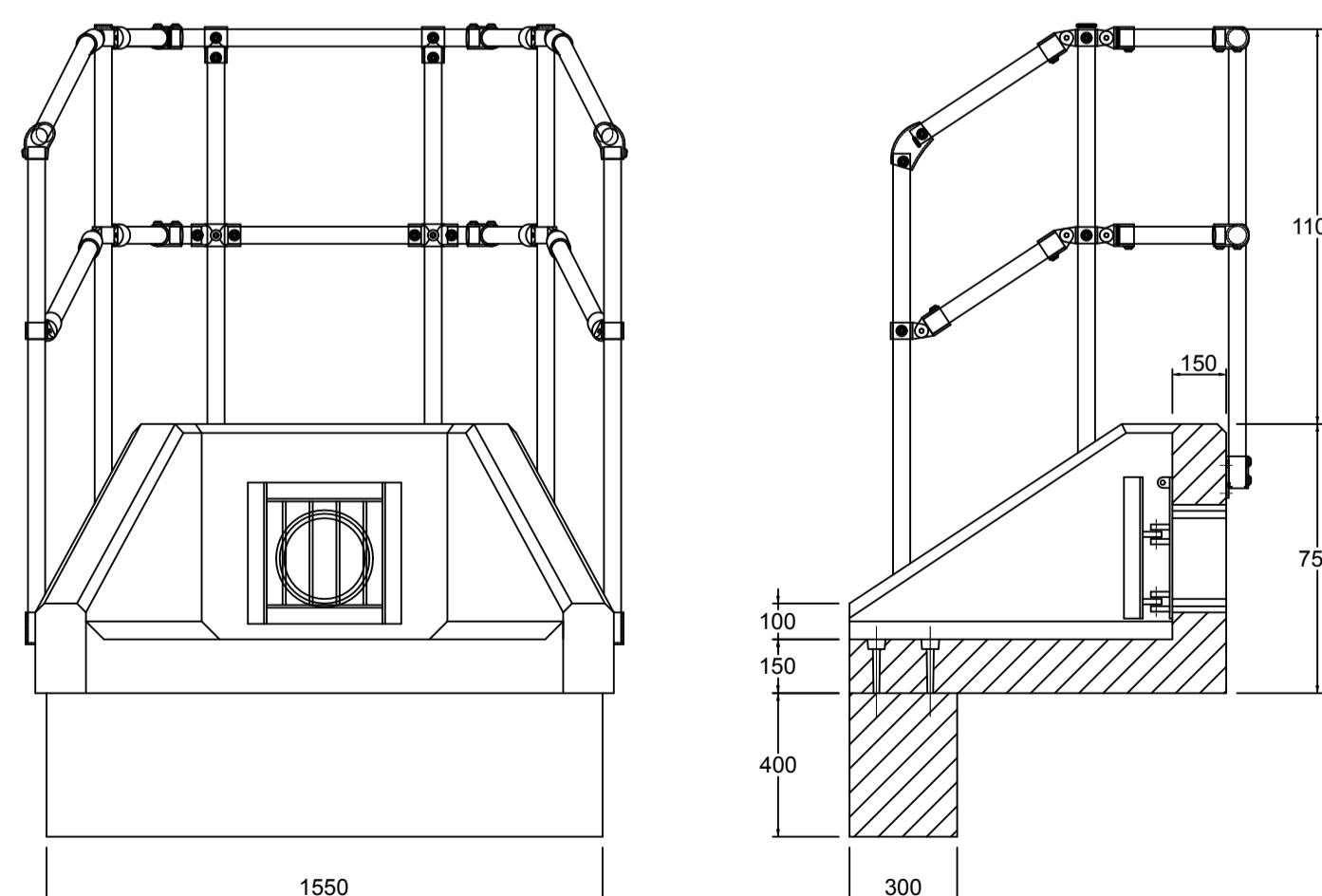
Additional rocker pipes may be necessary to accommodate transition of pipe gradient to vertical downpipe Min. 2 short rocker pipes See specification clause 5.6.6 for rocker pipe details Care to be taken to maintain flexibility of joints



Typical External Ramped Backdrop Detail Entry to Manhole Note: Steeper gradients are preferred to the use of vertical backdrops (Type of Backdrop to be used to be agreed with Undertaker) (NTS)



ALTHON SFA6A Headwall - 150mm  
400 x 300mm Toe  
3 Sided Kee Klamp  
150 Outfall Safety Grille



ALTHON SFA6A Headwall - 225mm  
400 x 300mm Toe  
3 Sided Kee Klamp  
225 Outfall Safety Grille

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Consulting Structural & Civil Engineers

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- Prior to commencing any drainage works, the Developers contractor must satisfy themselves, Local Authority and Barter Hill of actual levels, type, size and condition of existing sewers.
- All adoptable drainage to be installed/constructed to 'Sewers for Adoption 6th Edition' standards and in accordance with Adopting Body's additions and deletions document.
- Connections to the existing sewers shall be subject to the approval of Southern Water and shall be carried out by a contractor approved by Southern Water. The contractor shall comply with the requirements of Southern Water with regards to submitting method statements, risk assessments etc for obtaining a 'permit to work' on the existing sewer.
- Where possible orientation of manhole access covers to be orthogonal with adjacent kerb line.
- Manhole covers to be set flush with binder course on new road construction and raised to final levels when surface course is laid at later date.
- Sulphate resisting cement and concrete products to be used for foul sewerage.
- All pipes entering or leaving manholes shall be laid with their soffits level, unless shown or agreed otherwise.
- Gully connections to be 150mm Dia at a gradient no flatter than 1 in 150 unless stated otherwise.
- The private foul and storm water drainage shall be subject to inspections by the local building control officer. The contractor shall liaise with the building inspector with regard to making inspections at the appropriate stages of the work.
- All private foul and storm water sewers shall be 100/110mm dia clayware or PVC unless stated otherwise. Storm sewers shall be laid at a gradient no flatter than 1 in 100, and foul sewers to a gradient no flatter than 1 in 80 unless stated otherwise on the drawings.

PROTECTION TO ADOPTABLE SEWERS:-

- Type S bedding to be used in non-trafficked areas.
- Type S bedding to be used in trafficked areas where the cover to the crown of the sewer is greater than or equal to 1200mm.
- Concrete Slab Protection to be provided in trafficked areas where the cover to the crown of the sewer is less than 1200mm.

P1	Planning Issue.	12-05-21	AR	JR
Issue	Note	Date	Drawn	Chkr

## Construction Issue



**CHARTWAY**  
CONSTRUCTION

Project:  
• Land at Thanet Way  
• Whitstable, Kent  
• Phase 2

Title:  
• Drainage, Infrastructure  
• Standards, Sheet 2

Scale: NTS	CAD File No: CON597-3320
Date: May 2021	Design: JW Drawn: AR Checker: JR Issue: 01

Drawing No: CON597 - 3332 Revision: P1