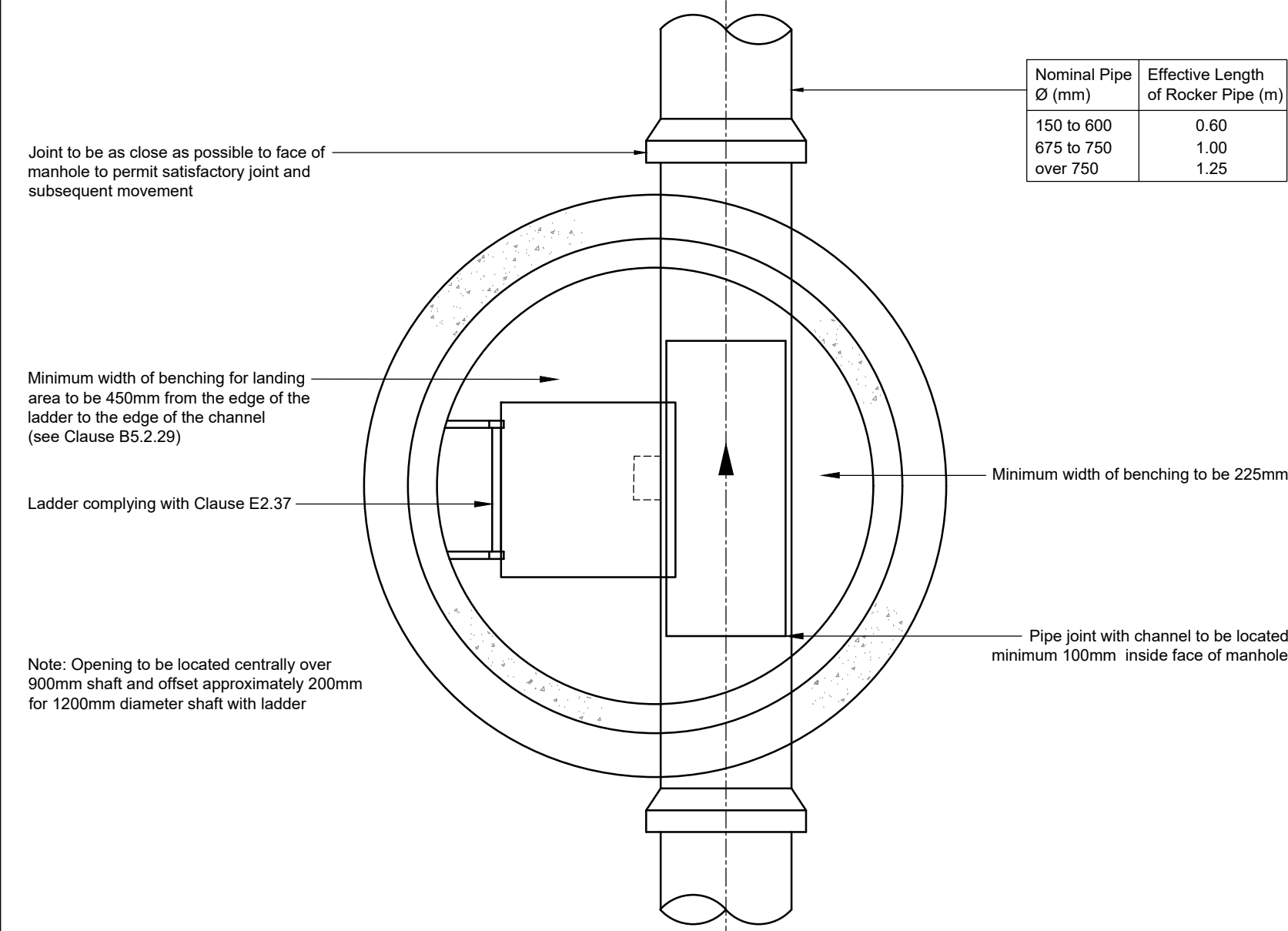
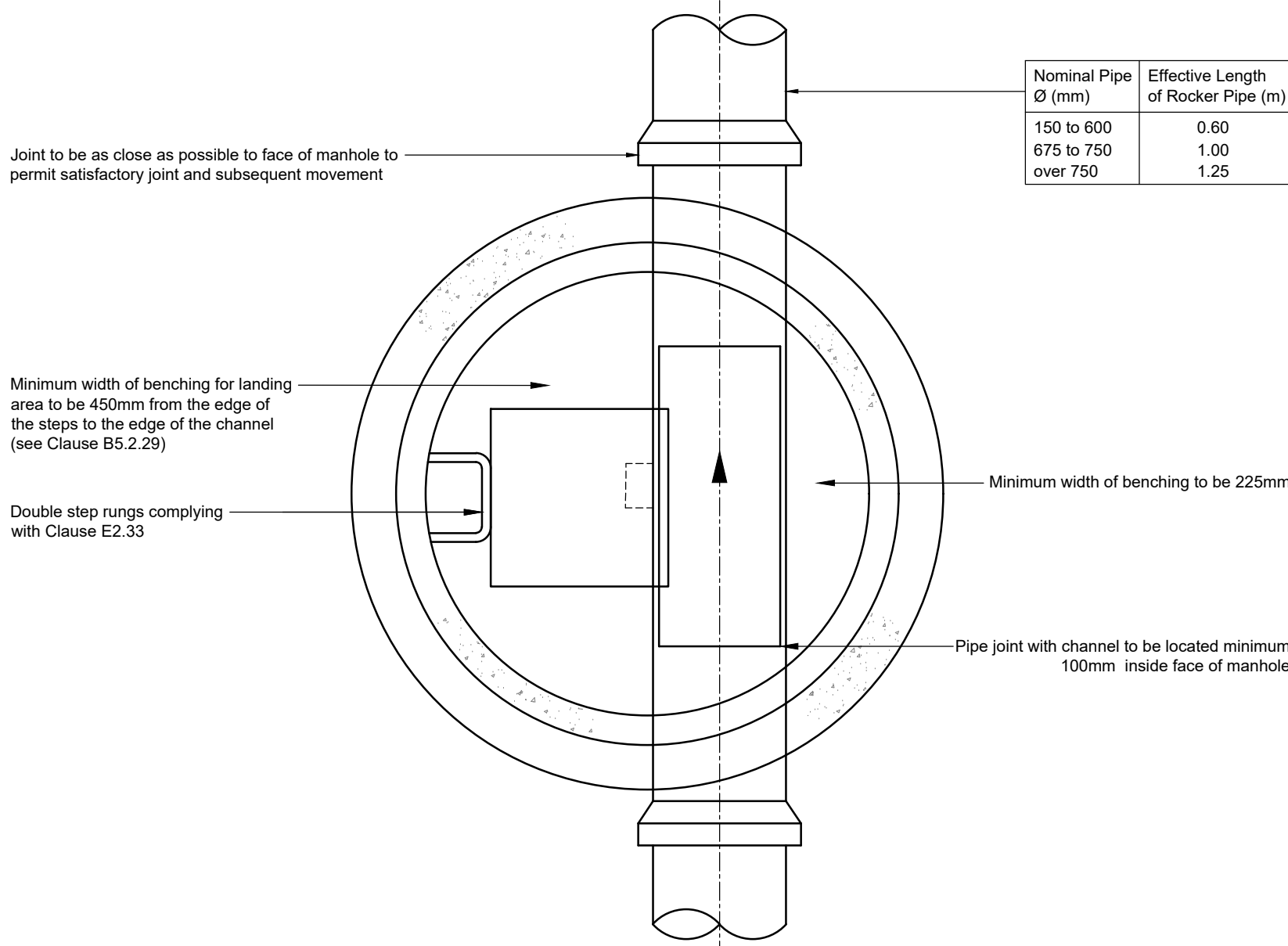
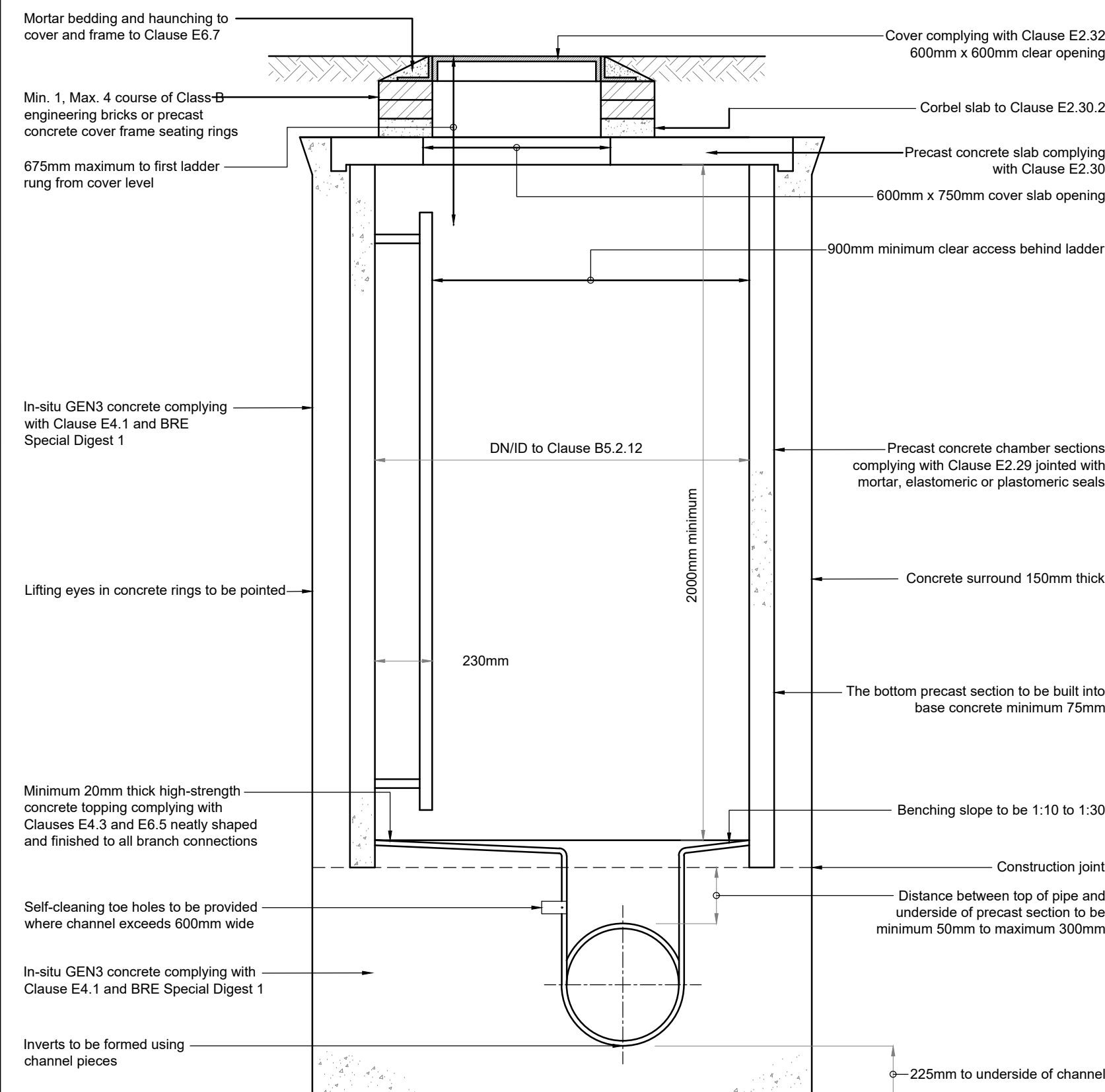




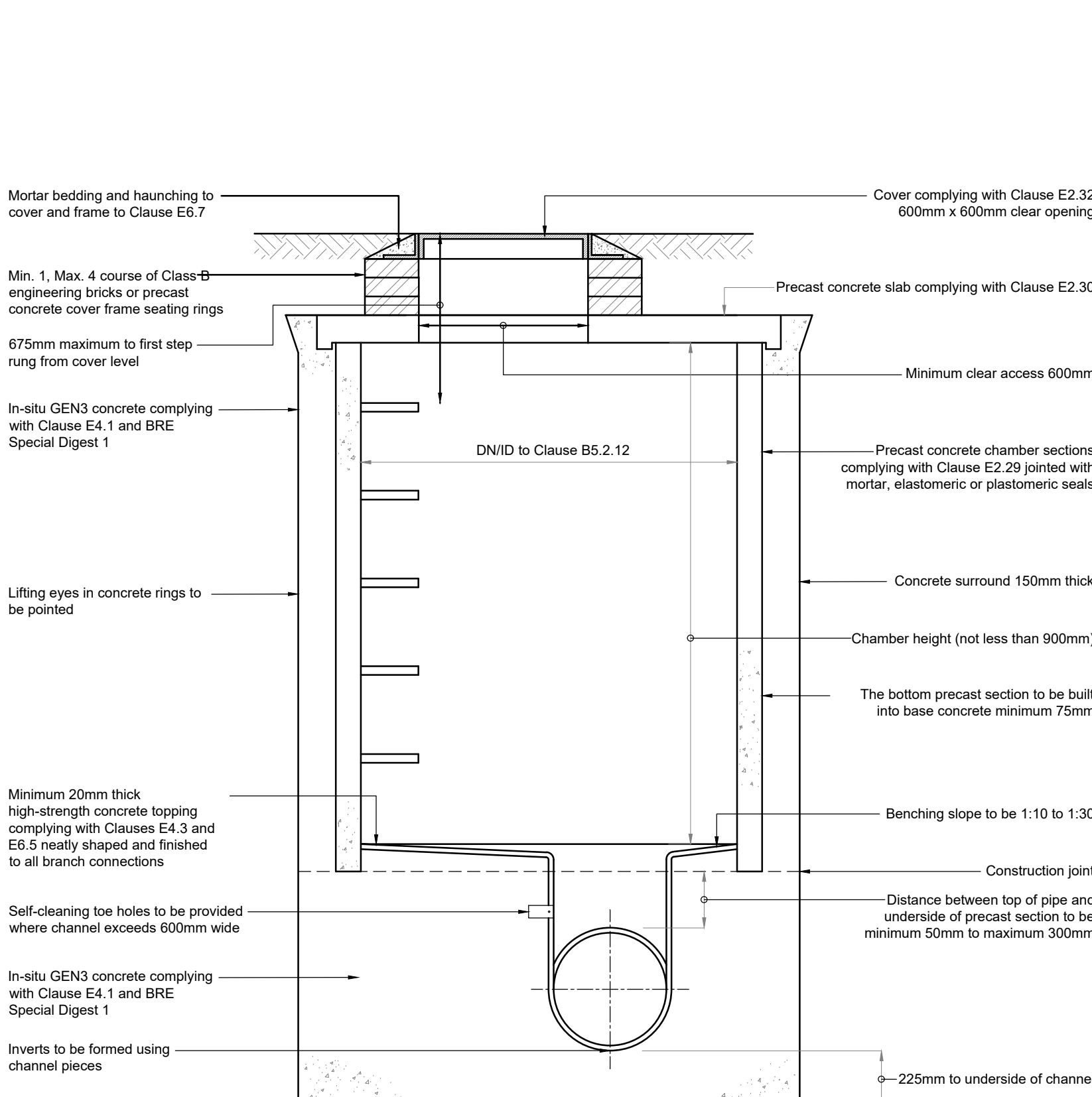
TYPICAL MANHOLE DETAIL - TYPE A2



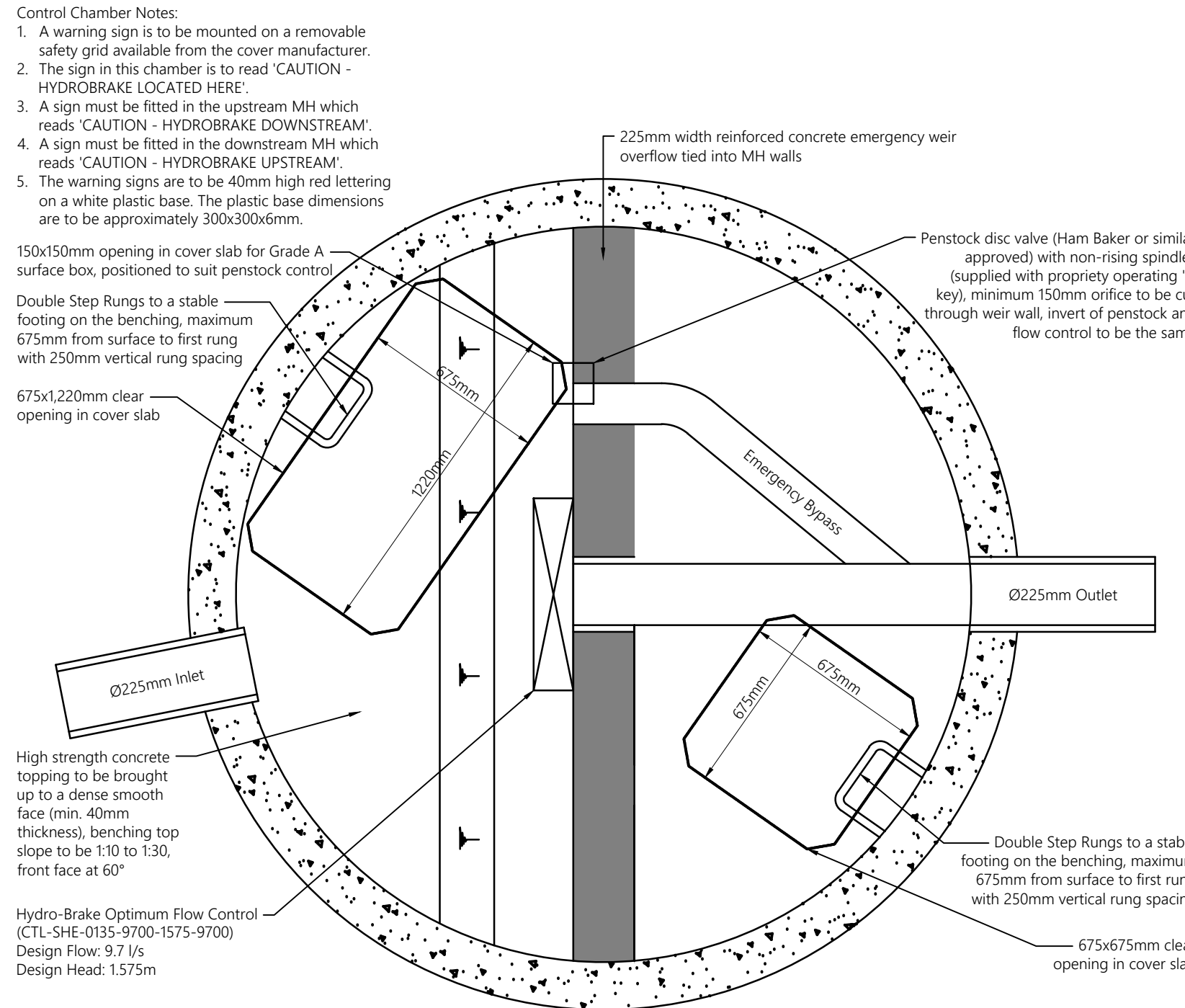
TYPICAL MANHOLE DETAIL - TYPE B



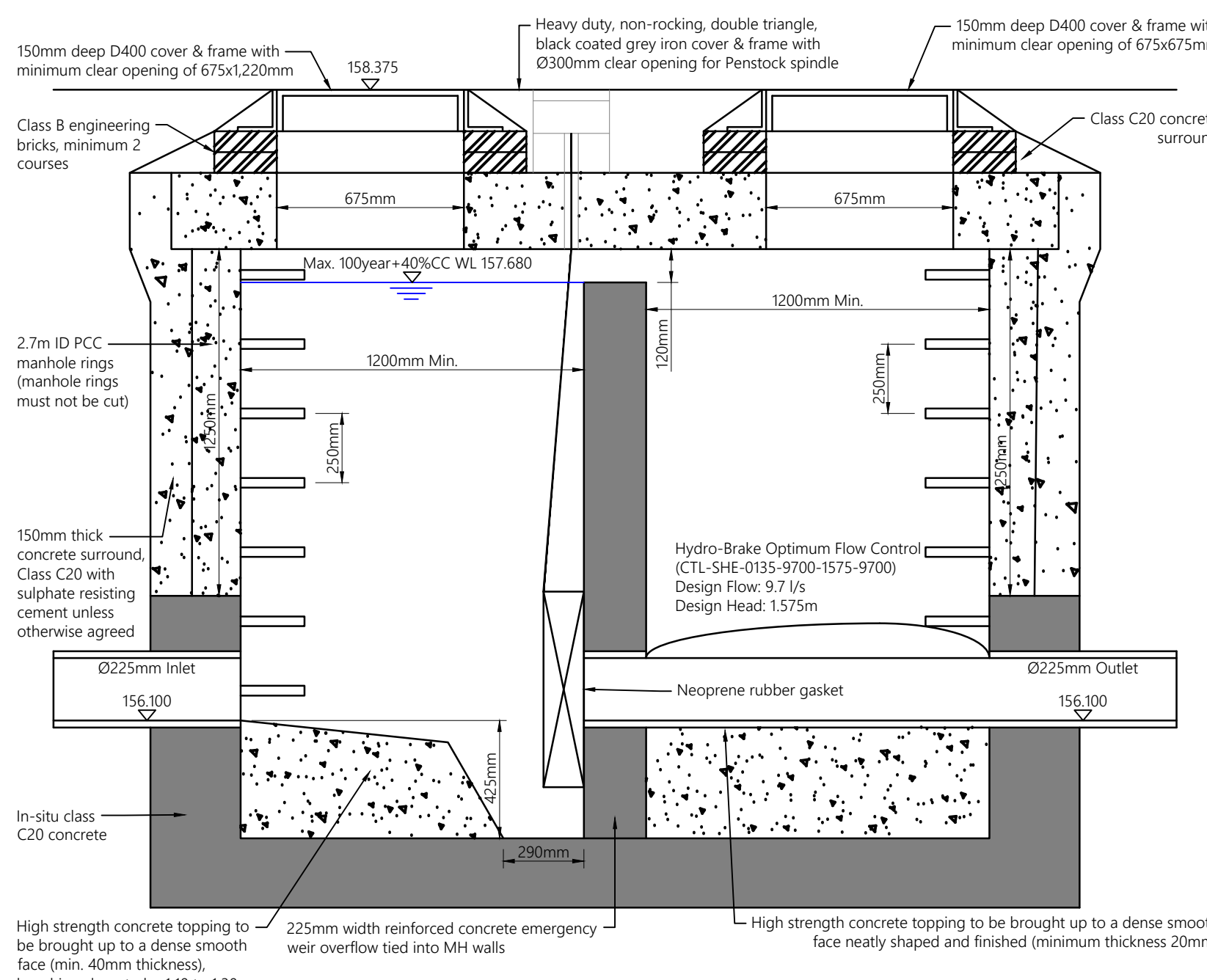
TYPICAL MANHOLE DETAIL - TYPE C



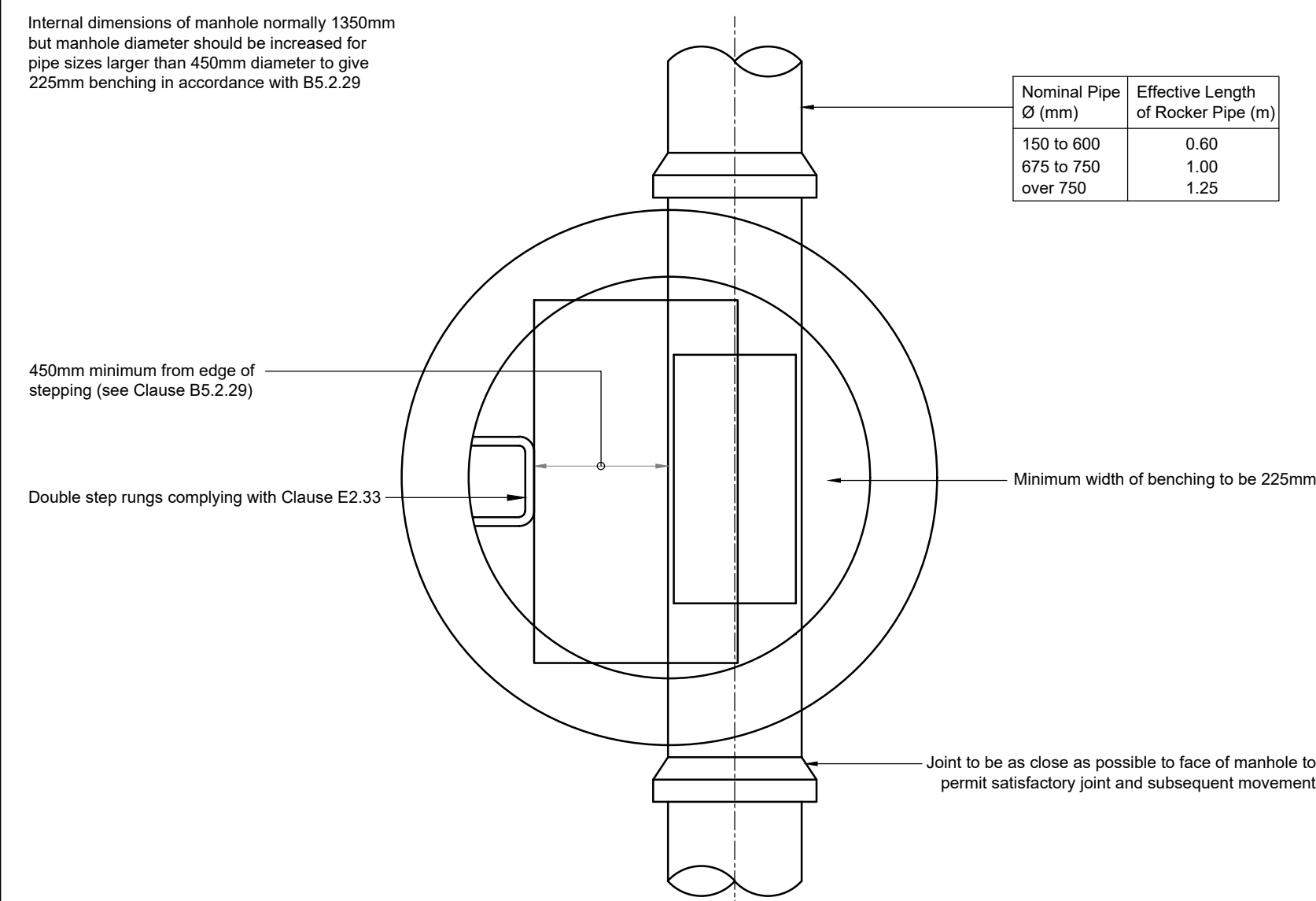
TYPICAL INSPECTION CHAMBER DETAIL - TYPE D



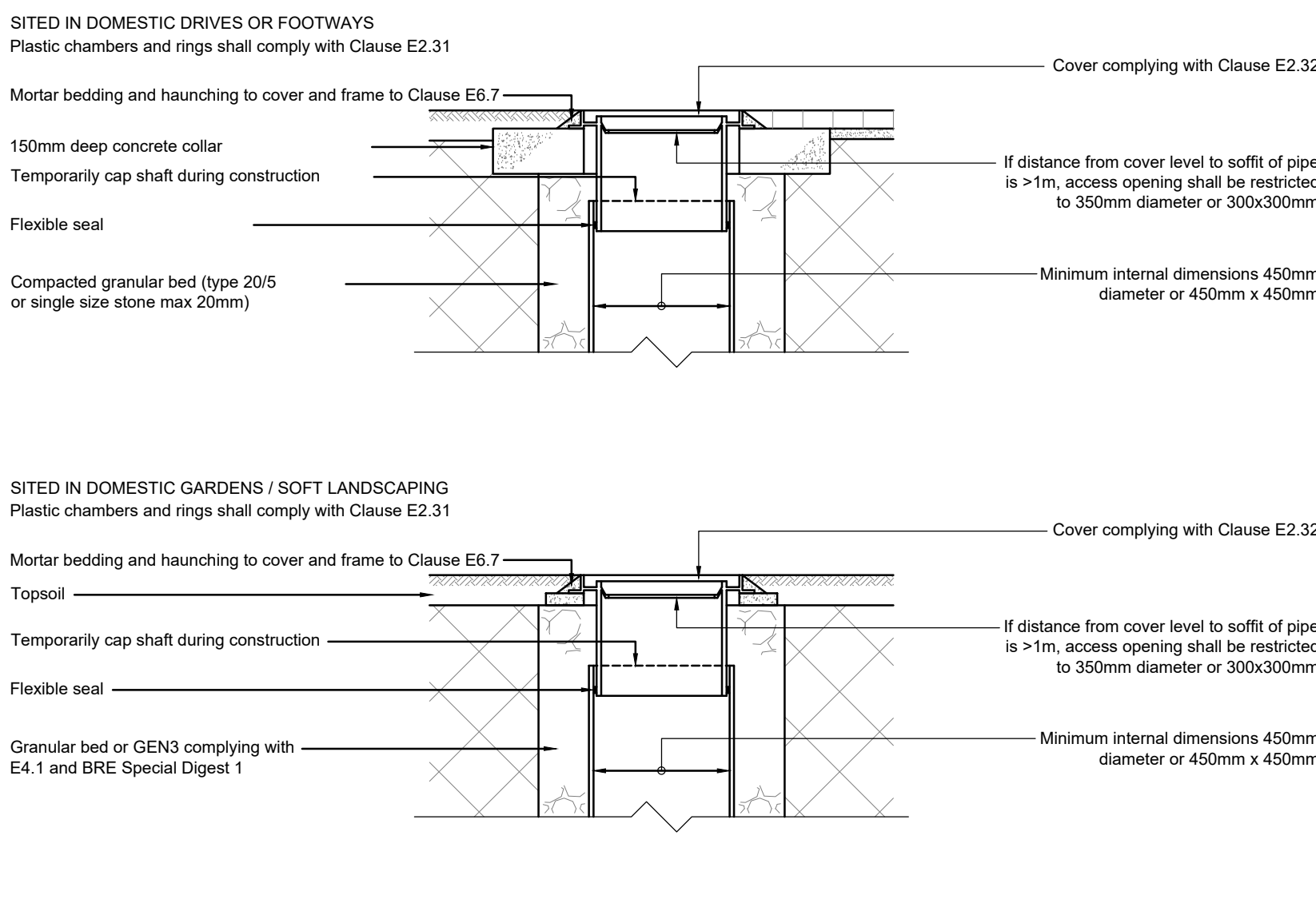
PLAN OF FLOW CONTROL CHAMBER MANHOLE S17 FCU



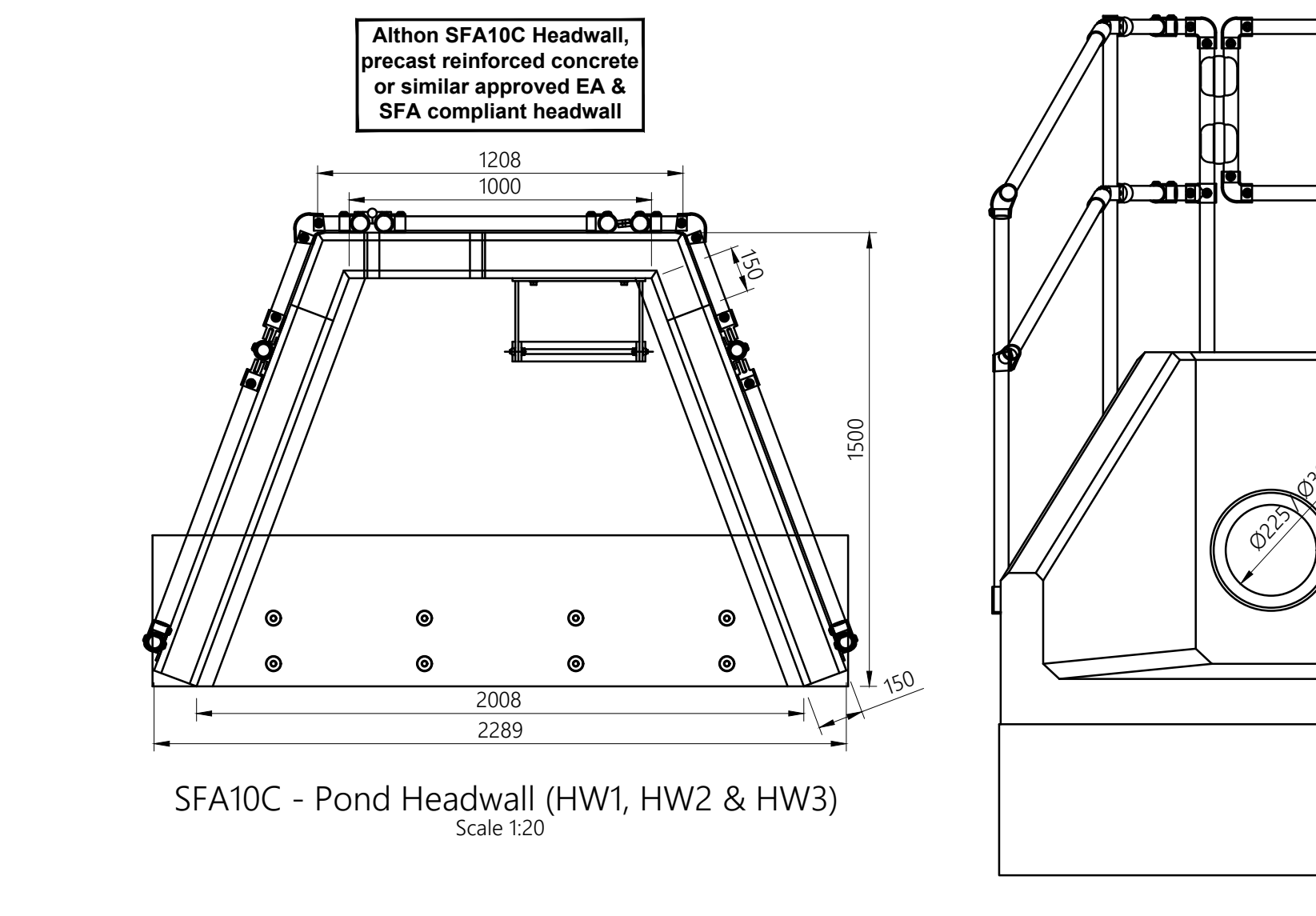
Typical Attenuation Pond Section



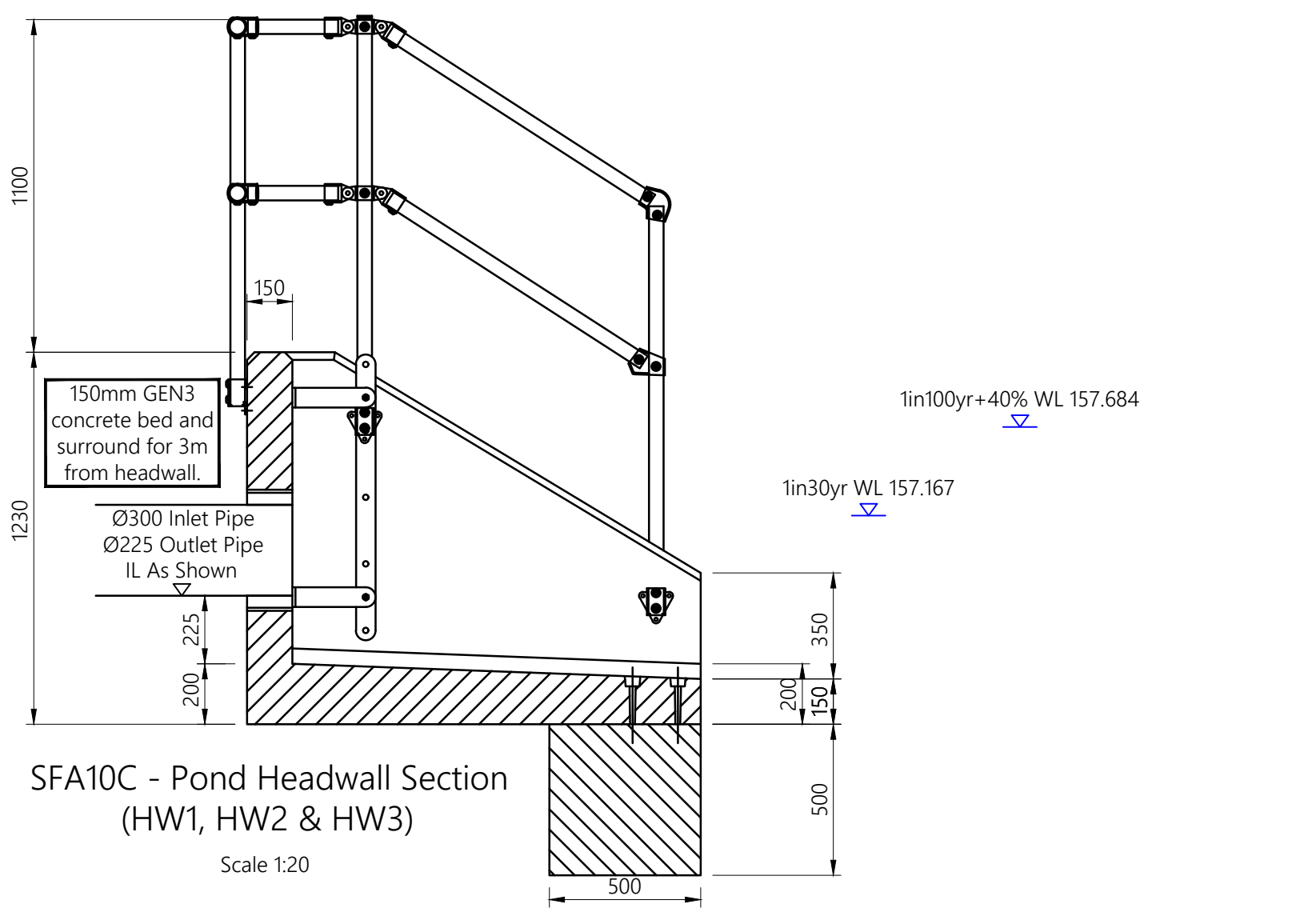
TYPICAL MANHOLE DETAIL - TYPE C



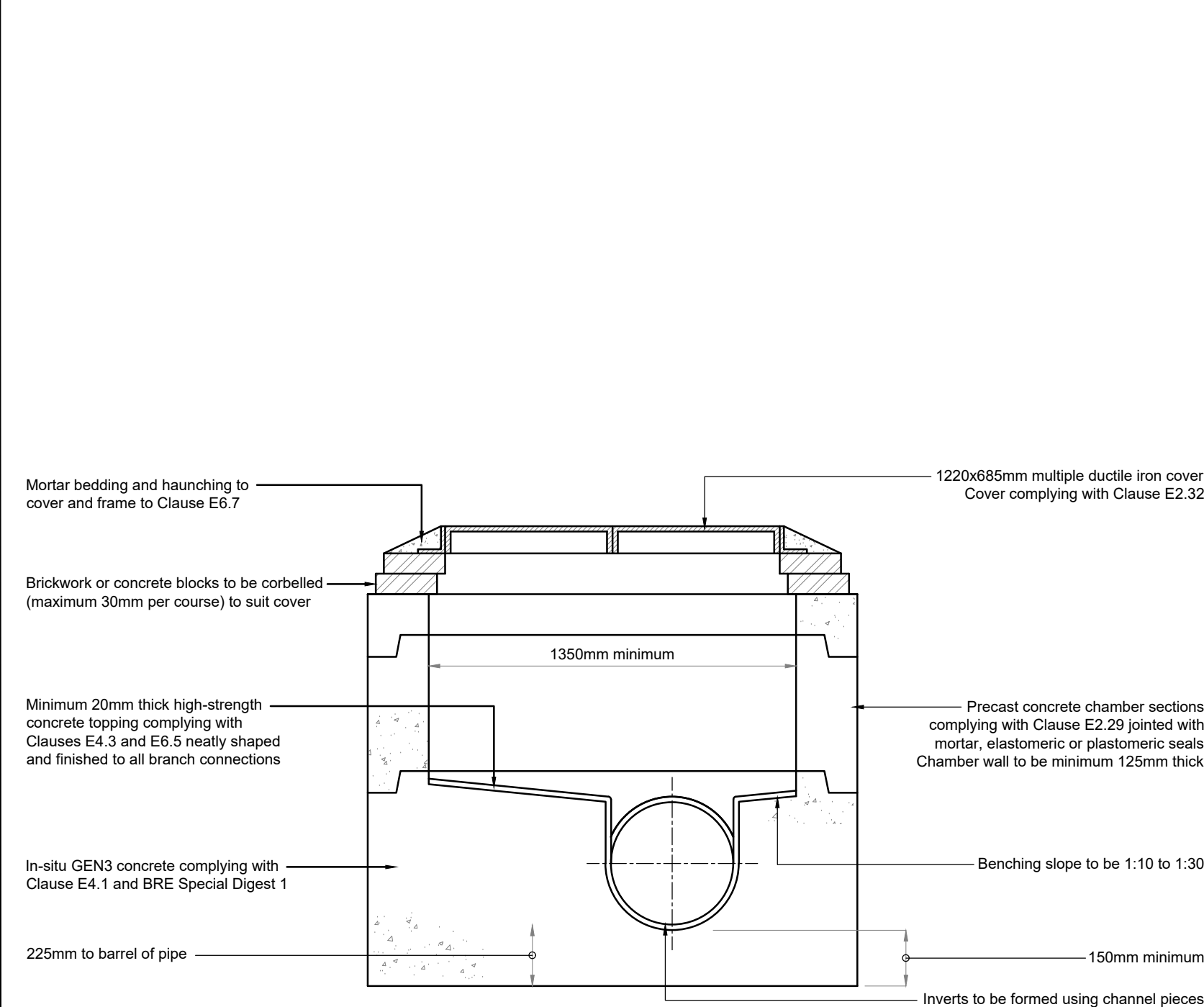
TYPICAL INSPECTION CHAMBER DETAIL - TYPE D



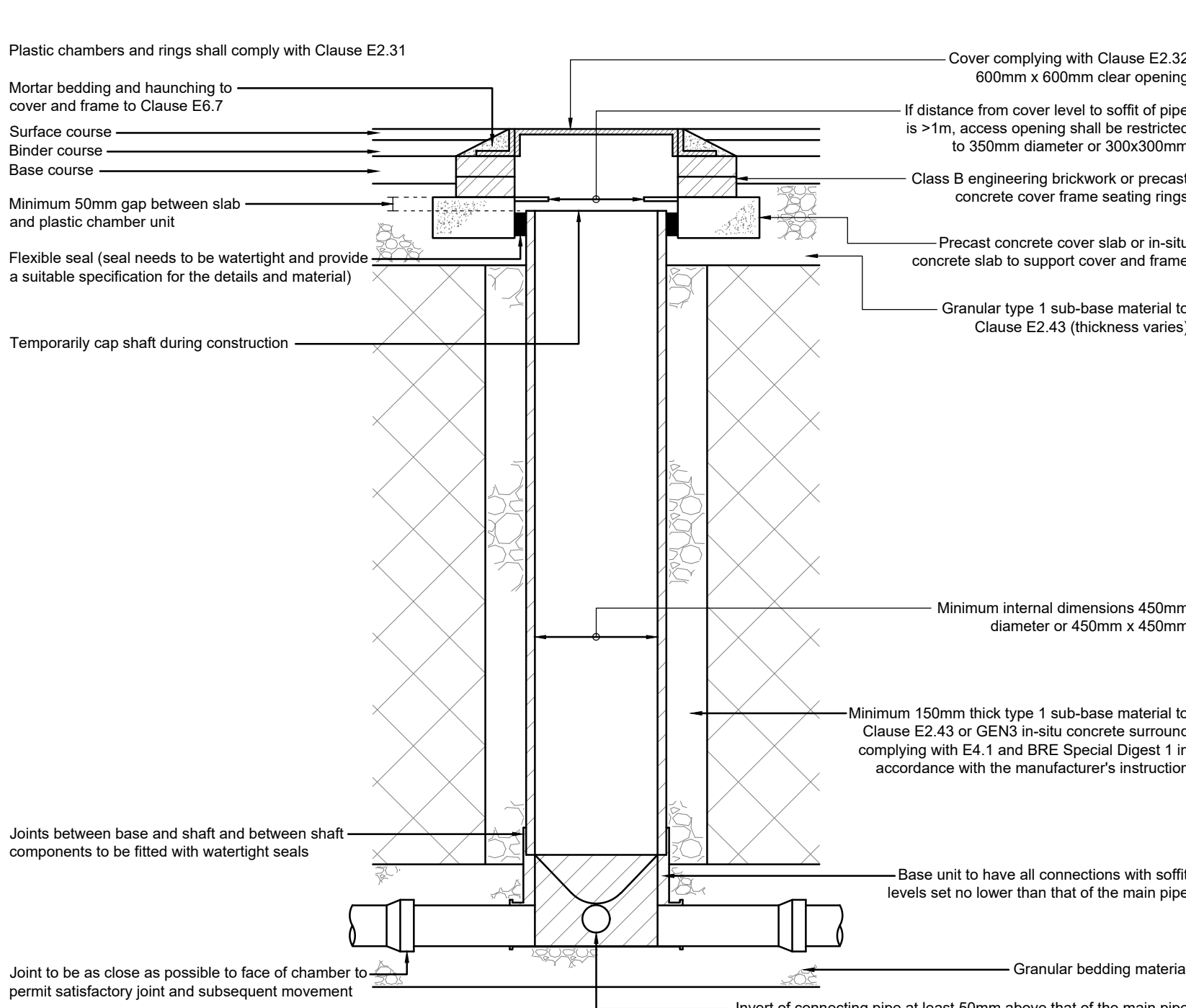
SFA10C - Pond Headwall (HW1, HW2 & HW3)



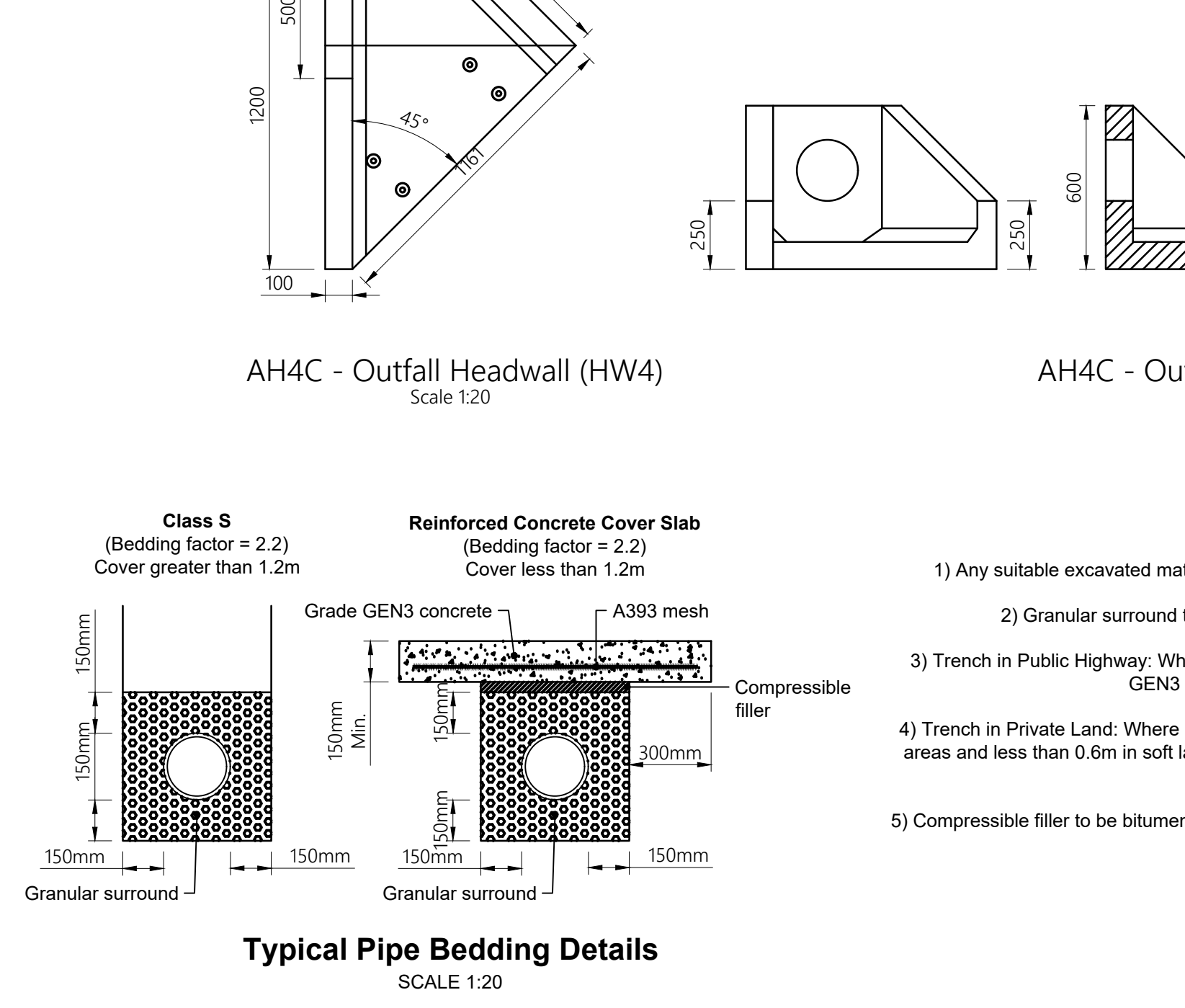
SFA10C - Pond Headwall Section (HW1, HW2 & HW3)



TYPICAL MANHOLE DETAIL - TYPE C



TYPICAL INSPECTION CHAMBER DETAIL - TYPE D



AH4C - Outfall Headwall (HW4)

AH4C - Outfall Headwall (HW4)

GENERAL NOTES

- DO NOT SCALE.
- This drawing is to be read in conjunction with all other relevant drawings and details.
- Should there be any conflict between the details indicated on this drawing and other drawings the Engineer should be informed PRIOR to construction on site.
- Until technical approval has been obtained from the relevant Authority, it should be understood that all drawings issued are Preliminary and NOT for construction. Should the Contractor commence site works prior to such approval being provided it is entirely at their own risk.
- Sketch proposals are for illustrative purposes only and as such are subject to detailed site investigation including ground conditions, contaminants, drainage, design and planning / design regulations.
- All dimensions are in metres unless otherwise stated.
- The Designer's Risk Assessment(s) for this project must be reviewed PRIOR to the commencement of any works.
- Any discrepancies noted on site are to be reported to the Engineer immediately.
- The Contractor shall check all tie-ins for line and level with existing before commencing any works and notify the Engineer of any discrepancies immediately in writing.
- It is the responsibility of the Contractor to locate any service apparatus in the vicinity of the works. BMC Civil Engineering will accept no claims whatsoever in respect of any losses or damages caused in respect of such apparatus, however caused.
- It is the responsibility of the Contractor to execute the works at all times in strict accordance with the requirements of the Health and Safety At Work Act 1974, and the CDM Regulations 2015. The Contractor will be deemed to have allowed for full compliance including full liaison with the Principal Designer within his rates.
- The Contractor is responsible for ensuring that all works are to the satisfaction of the Site Engineer, and is to include any necessary testing within his rates.
- The Contractor will be responsible for providing all necessary de-watering and trench support to execute the works in a satisfactory manner, and shall be deemed to have allowed for the same within his rates.
- All buried concrete products and mortar shall be made using sulphate resistant cement.
- No deep rooted trees or shrubs to be planted within 5m of a public highway or prospective public sewer.
- All highway works to be carried out to satisfy Leicestershire County Council's requirements and in accordance with South Yorkshire Residential Design Guide specifications.
- Traffic signs and road markings shall comply with the requirements of chapters 3, 4 & 5 of the Traffic Signs Manual as modified by the Traffic Signs Regulations and General Directions 2016.
- All road markings shall be laid in thermoplastic scored with added salt and shall comply with the requirements of clause 512 of the Specification for Highway Works.
- Sewers shall be constructed to the satisfaction of WML and in accordance with Appendix C of the UK Water Sewerage Sector Guidance: Design and Construction Guidance 2020.
- All pipes shall be laid with soft-to-soft connectors unless otherwise stated.
- At pipe crossing points, pipe trench is to be lined with 1000 gauge impermeable membrane to eliminate any chances of cross contamination.
- Walls covers and frames within block paved areas are not to be used.
- Excesses of any change of width should be 3.0m either side of the pipe shown.
- All manhole covers to be 675 x 675mm with cover and frame to maintain 600 x 600mm clear opening, unless otherwise stated, in accordance with BS EN 54 Class D400 and embossed with RW or SW as appropriate.
- Covers and frames to be identified.
- Protective concrete cover slabs to be used on pipes in non-trafficked areas which don't achieve 900mm cover and in trafficked areas that don't achieve 1200mm cover.
- Precast concrete manhole rings are not to be cut under any circumstances.
- All proposed landscaping and tree planting adjacent to sewers shall be in accordance with clauses BS 10 & BS 7.
- All drainage offered for adoption has been designed to not attenuate flows in excess of 130 year storm return period.

Health & Safety Information Key

- Used to provide design specific safety information that may not be obvious to a competent contractor but may be useful.
- Used to restrict/prevent a possible action, e.g. stop construction traffic from entering an area.
- Used to warn of significant design hazards, adding recommendations.
- Used to encourage a positive action, e.g. use of robust protection for inspection chambers.

P05	27.03.25	S18 FCU reference updated to S17 FCU as per network update.	BRM	-
P04	20.03.25	S30 FCU updated to S18 FCU and pond construction detail added.	BRM	-
P03	17.02.25	Requirement for pond liner removed based on absence of contamination & groundwater.	BRM	-
P02	25.07.25	Water level on S30 FCU updated to suit amended hydraulic model & increased impermeable areas.	BRM	-
P01	13.01.25	Issued for approval.	BRM	By CHK

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Client
ALLISON HOMES
Project
**MAIN STREET
STANTON UNDER BARDON**

Drawing Title
**ADOPTABLE DRAINAGE
CONSTRUCTION DETAILS**

Status
FOR APPROVAL

Scale	Drawn	Checked	Date
As Shown @ A1	BRM	-	13.01.25
Drawing Number	Revision		
24005-BMC-25-XX-DR-C-503	P05		

