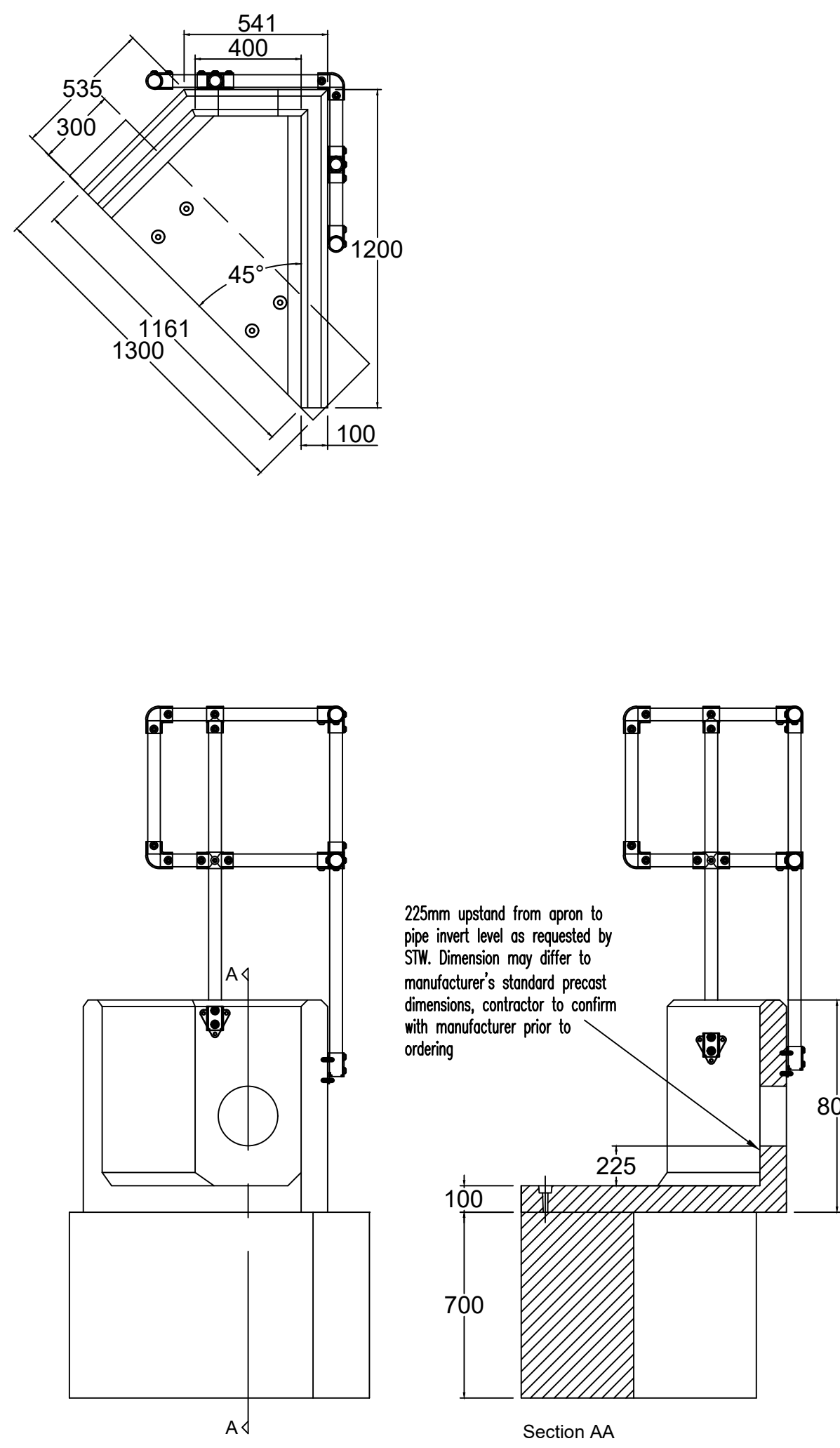
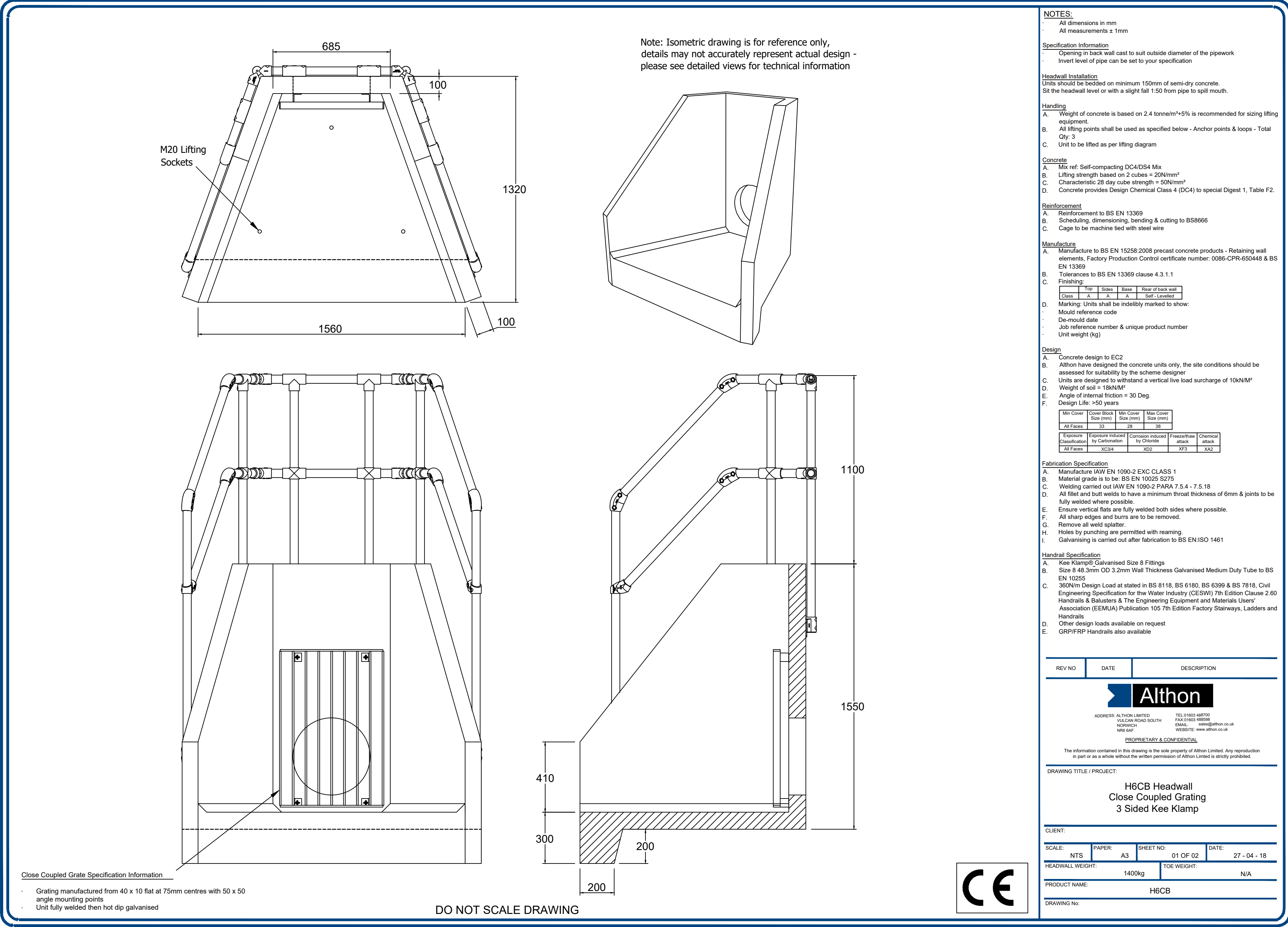




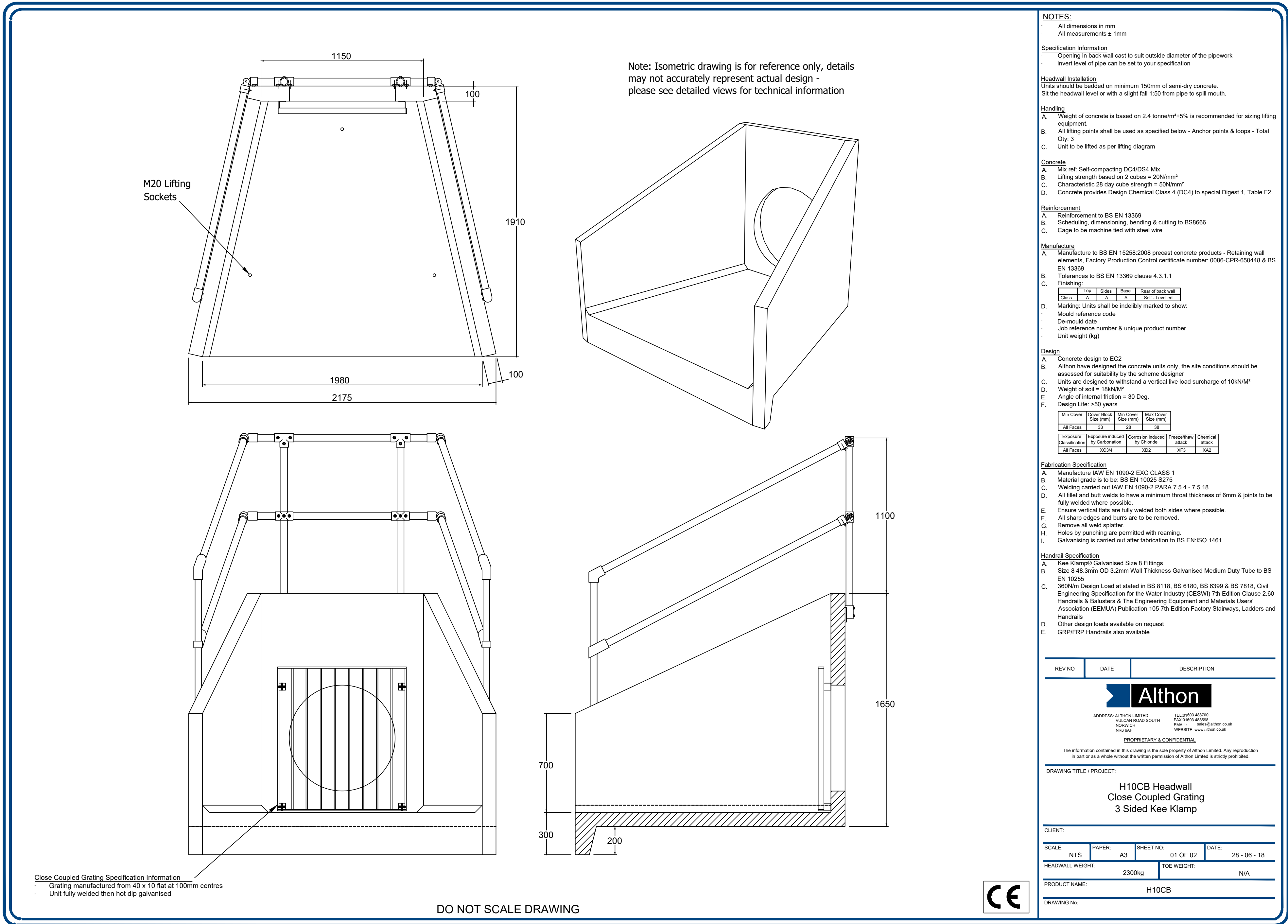
Note:
Access routes to headwalls should not exceed slopes of 1:3

Note:
All gates must be provided with clip/stay for when gates are in an open position

Headwall Detail - HW9, HW10

1:20

BASED ON ALTHON SFA 27B (OR SIMILAR APPROVED)



- General Notes
- Do not scale this drawing. If in doubt, ask.
 - This drawing is to be read in conjunction with all other relevant Engineering, Architects and specialist design drawings and details.
 - All dimensions are in millimetres unless noted otherwise. All levels are in metres unless noted otherwise.
 - Any discrepancies noted on site are to be reported to the Engineer immediately.
 - The Contractor shall establish exact levels of the existing foul and surface water sewers, and/or proposed level at discharge point, prior to the commencement of any drainage works.
 - The Contractor must ensure that the gradients indicated on the longitudinal sections are checked between the levels shown, prior to laying pipes. At no time must the contractor proceed with pipe laying by dabling the gradient shown into a laser without checking. Any discrepancy in this respect must be reported to the engineer prior to pipe laying.
 - The Contractor shall check his pipe gradients by means of profiles and traveller to verify the laser gradients.
 - In the event of the above procedures not being followed, the client will accept no responsibility whatsoever for any consequential loss or damage.
 - The Contractor is responsible for ensuring that all works are to the satisfaction of the Engineer and shall be deemed to have included within his rates for any necessary testing.
 - Pipes of different diameters entering manholes should be installed with offsets at the same level.
 - Sewers shall be constructed to the satisfaction of Severn Trent Water and in accordance with the Design and Construction Guidance (DCG).
 - A protective plastic membrane is to be applied to all foul sewers that are laid above surface water sewers.
 - Where pipe crossing, plastic membrane to be used for protection to eliminate any chances of cross contamination.
 - No backlogs to be used. Steeper gradients are preferred to the use of backlogs.
 - Precast concrete manhole rings will not be cut under any circumstances. Other options, manhole built up with concrete or brickwork to the top of pipe.
 - Protective concrete cover slabs to be used on pipes in road traffic areas which doesn't achieve 0.8m cover level and 1.2m cover in trafficked areas.
 - Only suitable materials to be used.
 - The materials to be used are suitable for the ground conditions.
 - Headwall details shown are based on precast Althon range. Headwalls to be Althon as shown or similar approved. To be installed in accordance with manufacturer's instructions and the requirements of Severn Trent Water.

D	30/10/23	Headwall 6, 7, 8 & 10 updated	SS	TN
C	24/05/23	Updated to suit new alternative layout	SS	ML
B	23/12/22	Gate clip note added	ML	ML
A	19/12/22	Updated to suit SFA updated details. Check plate added to H10C. Outlet headwall changed to angled	SS	ML
Rev	Date	Amendments	By	CN



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Davidsons Homes

Project

Lutterworth Road, Burbage

Drawing Title

Headwall Details

	Drawn	Checked	Status	Scale
Initial	ML	TN	Approval	1:20
Date	20/10/23	20/10/23		
Project Number	Drawing Number		Revision	
PJS21-065	DR-912			D