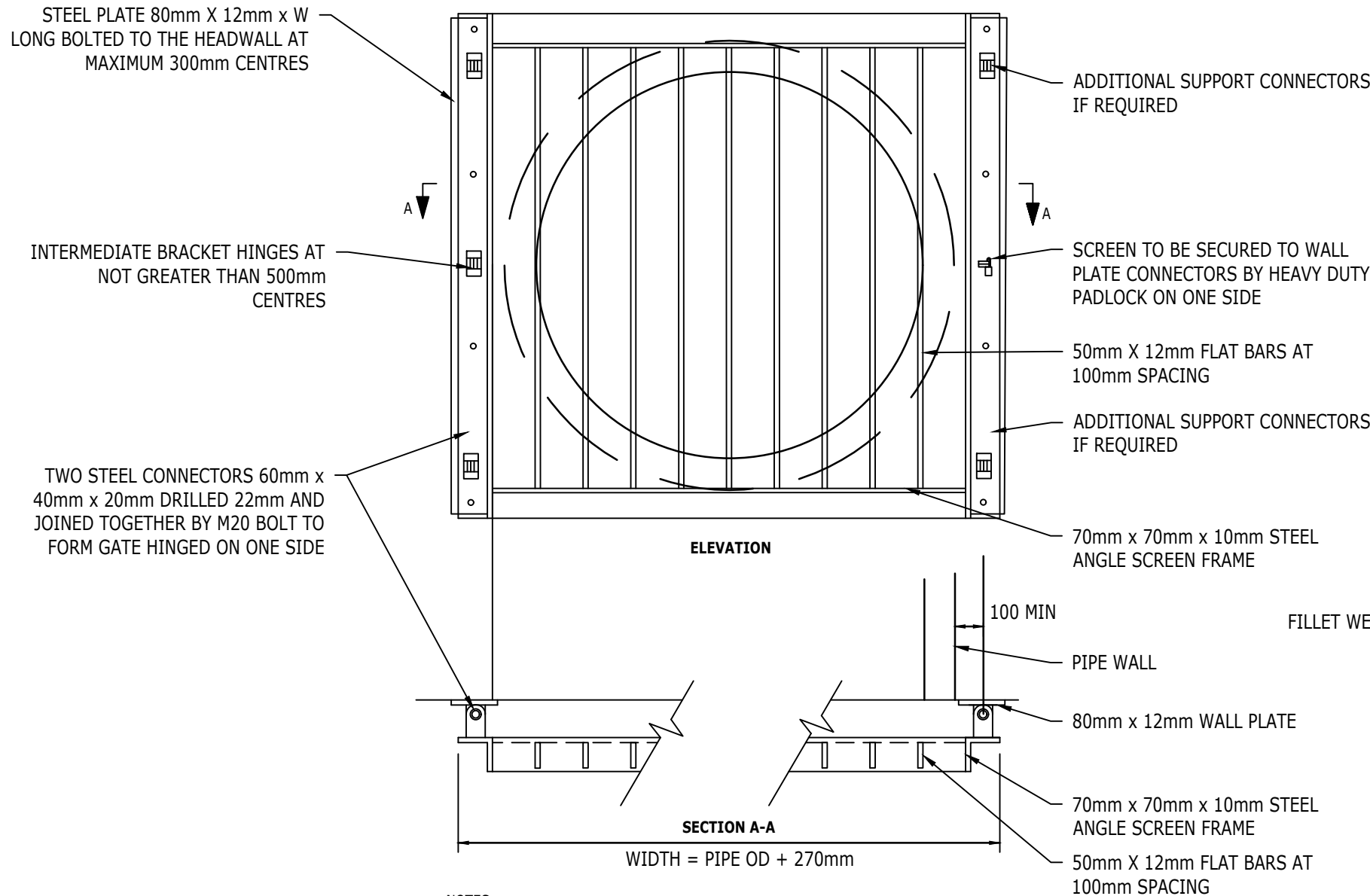
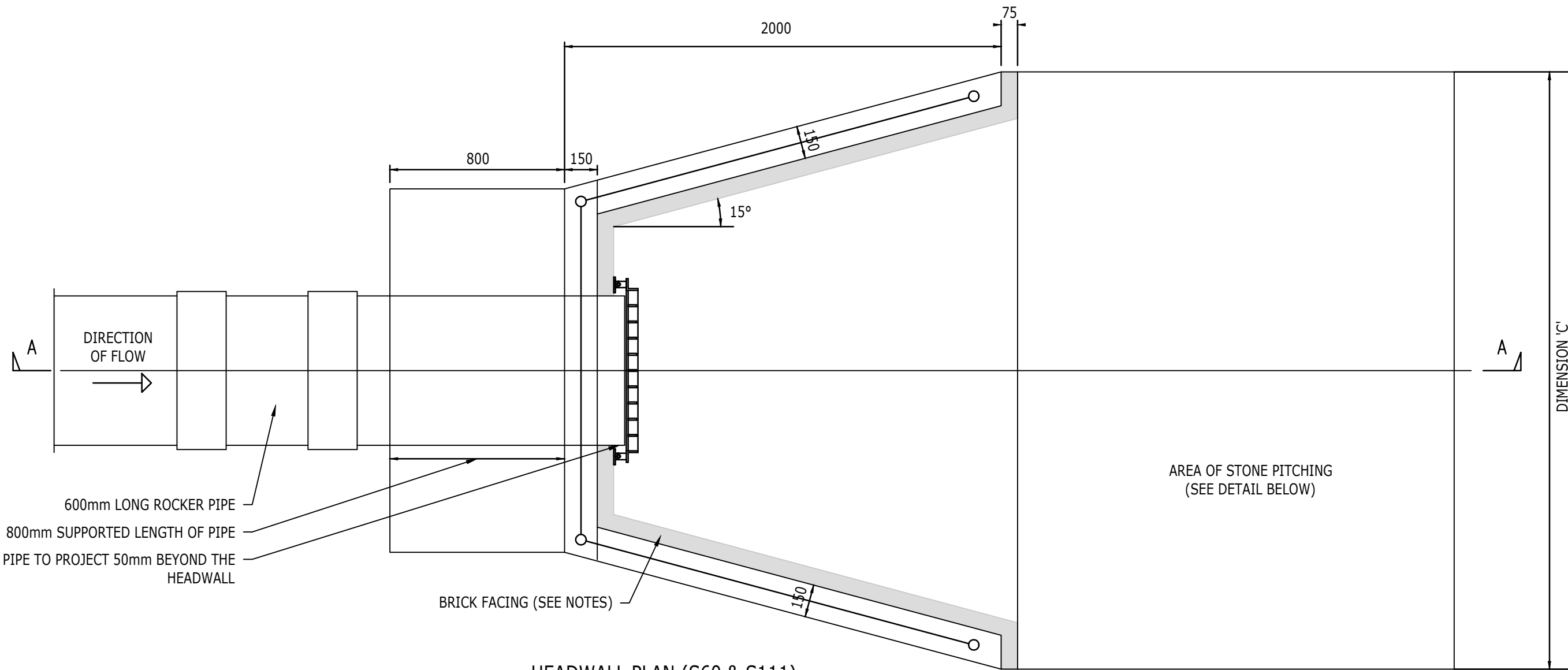
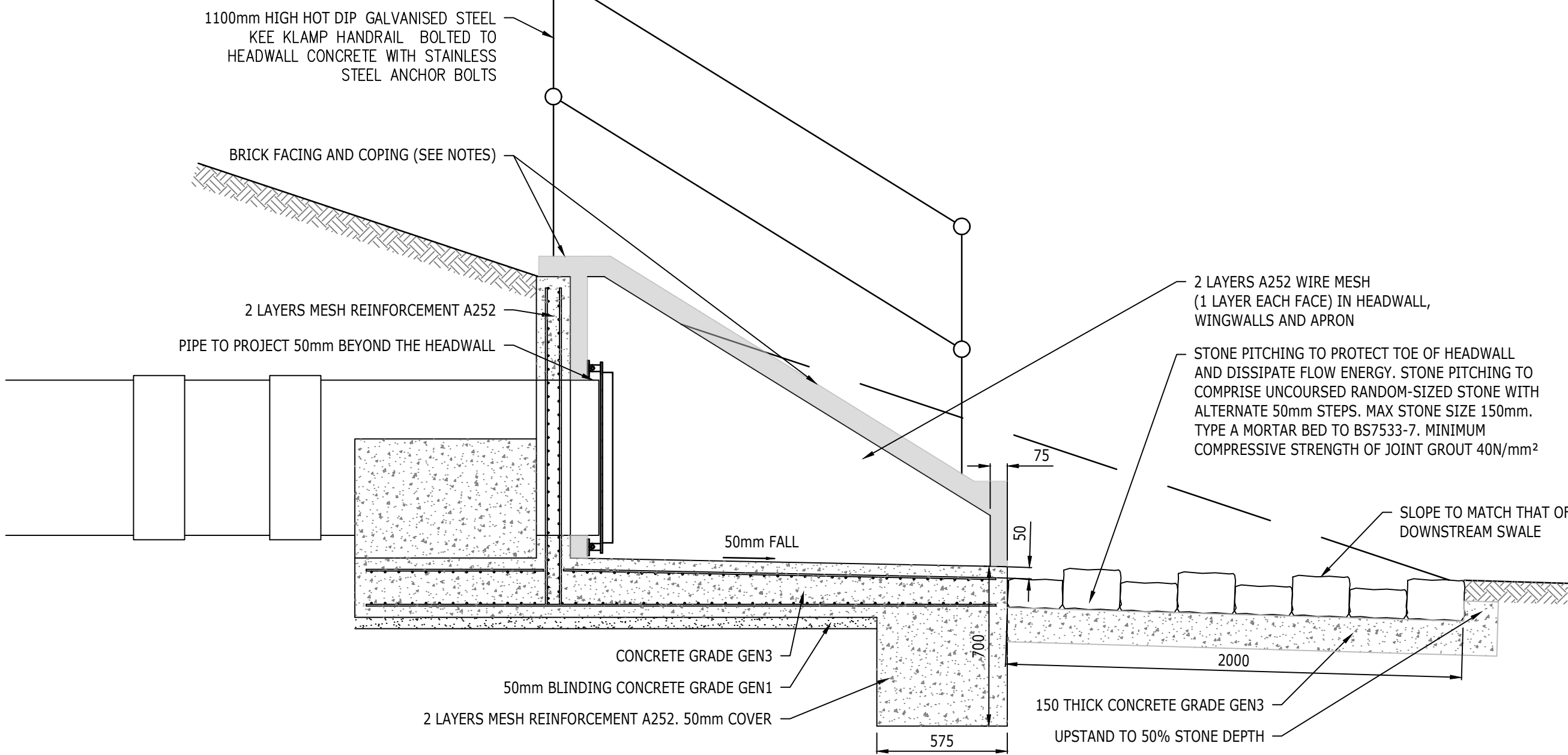




TYPICAL HEADWALL SAFETY GRILL



HEADWALL PLAN (S60 & S111)
(1:20)



HEADWALL SECTION A-A
(1:20)

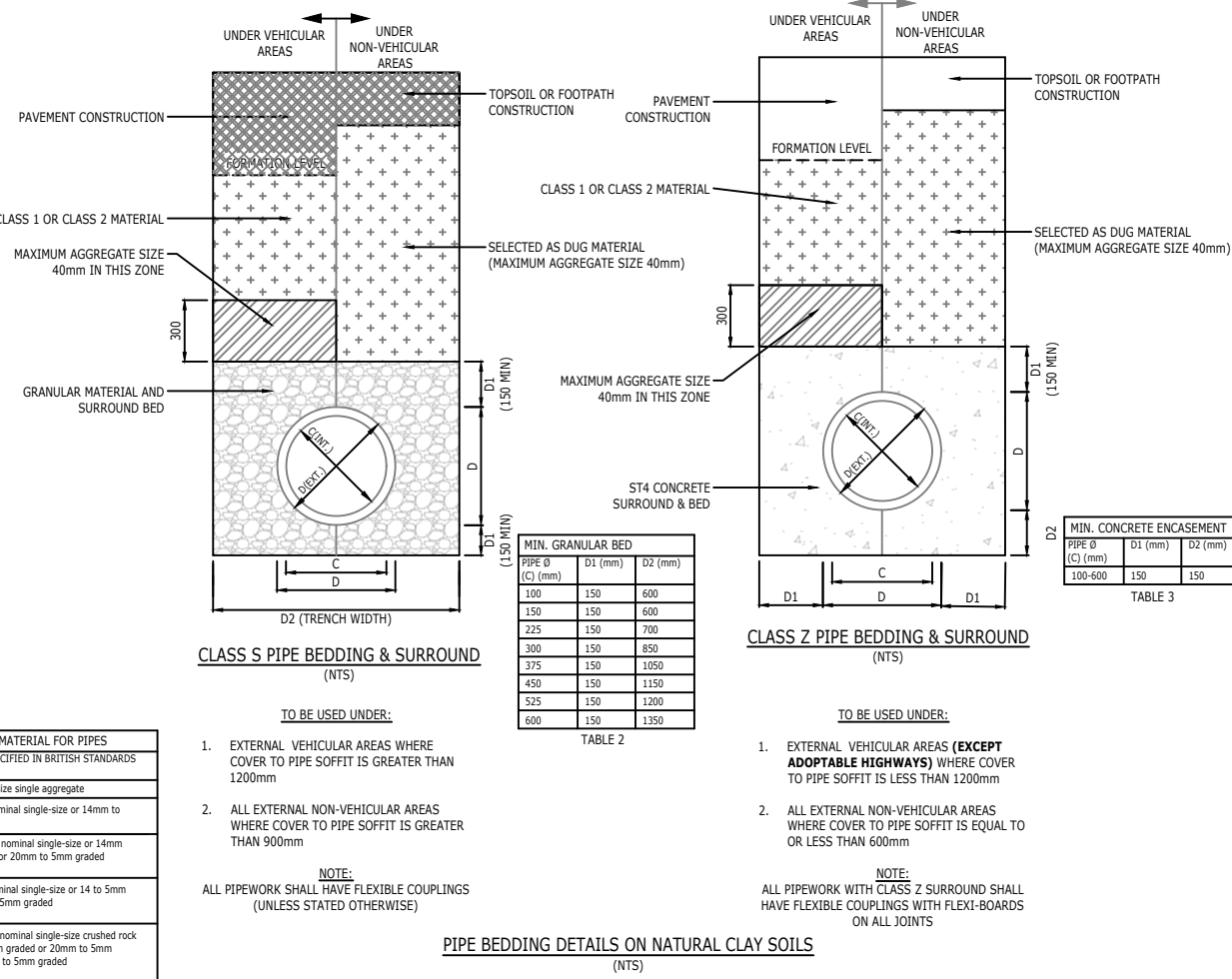
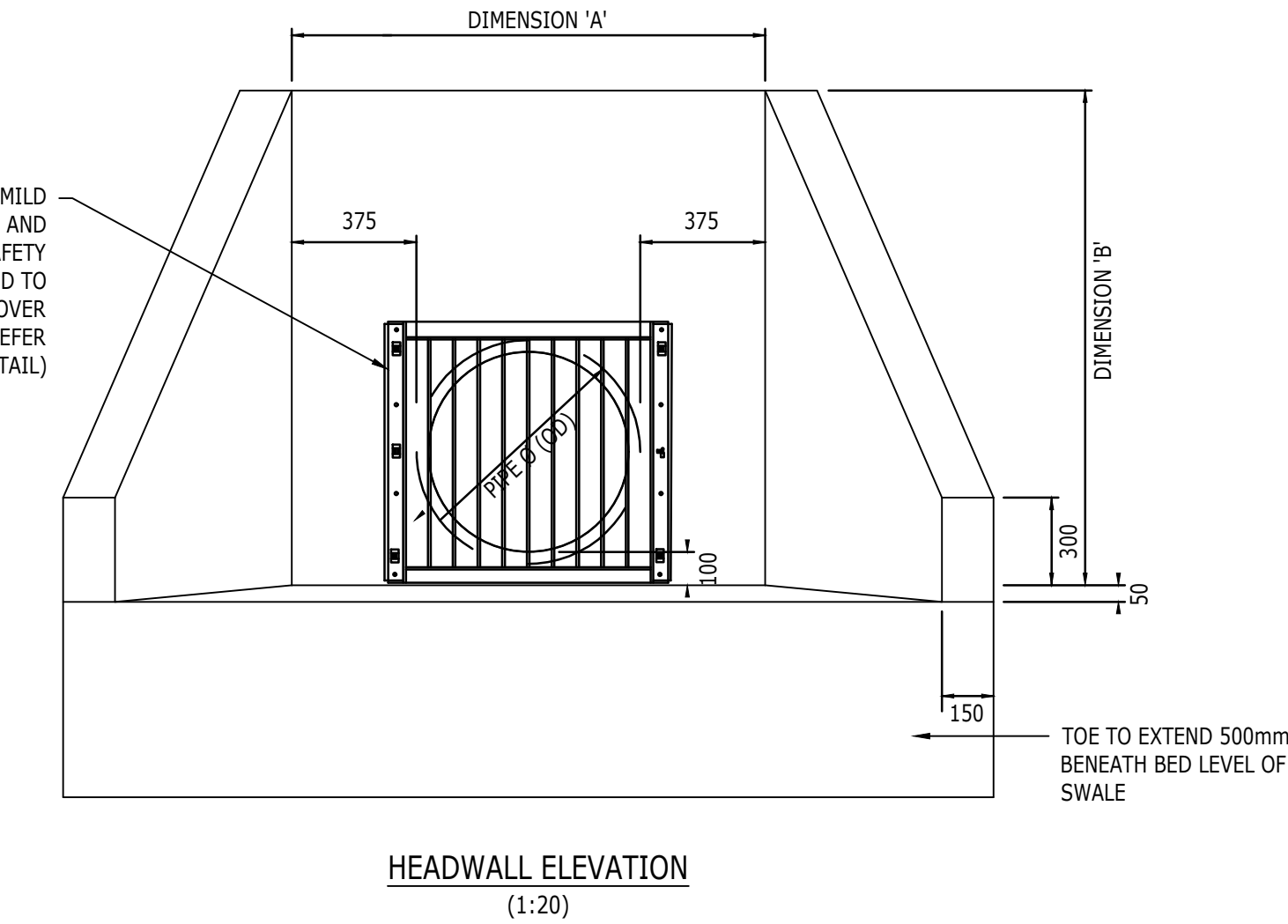


TABLE 1	
PIPE Ø (mm)	MIN. GRANULAR BED (mm)
150	150
225	150
300	150
375	150
450	150
525	150
600	150
750	150
900	150
1050	150
1200	150
1350	150
1500	150



HEADWALL DIMENSION TABLE - (ALL DIMENSIONS IN mm)				
HEADWALL	PIPE INVERT	PIPE DIAMETER ¹	DIMENSION 'A' ²	DIMENSION 'B' ²
1.1	4.411	600	1350	1000
1.2	4.248	525	1275	925
1.3	4.374	375	1125	775
1.4	4.201	450	1200	850
2.1	4.83	450	1200	850
2.2	4.81	375	1125	775
2.3	4.795	450	1200	850
3.1	4.377	450	1200	850
3.2	4.164	450	1200	850
4.1	3.255	525	1275	925
4.2	3.249	525	1275	925
5.1	3.373	525	1275	925
5.2	2.948	525	1275	925

¹ INTERNAL DIAMETER
² FIGURES STATED ASSUME USE OF POLYPIPE RIDGISEWER

NOTES

- This drawing is to be read in conjunction with all other Bright Plan Civils drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
- Bright Plan Civils accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
- Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
- Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care whilst undertaking the works.
- All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
- The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. Bright Plan Civils logos and company information must be removed from copies if information is re-used.

RESIDUAL HAZARDS

In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following:

- Uncharted buried services. Contractor to use CAT prior to excavating.
- Working in live carriageway. Contractor to implement traffic management to ensure safety of the workforce and public.
- Working in live sewers. Contractor to ensure operatives are familiar with the dangers of working in live sewers.
- Excavations close to existing structures. Contractor to prepare method statement to ensure stability of existing structures.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved risk assessment and method statement

All adoptable drainage works to be constructed as detailed in the Code for Adoption Design and Construction Guidance

Rev.	Amendments	Date
A	Headwall S.1 IL revised	18/07/22



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Drawing Status: **FOR APPROVAL**

Client: **THAKEHAM**

Project: **BILSHAM ROAD YAPTON**

Drawing Title: **S104-CONSTRUCTION DETAILS SHEET 1 OF 3**

Scale: **NTS** Date: **FEB 22** Drawn By: Checked By:

Drawing No. **D1956-15-100** Rev. **A**