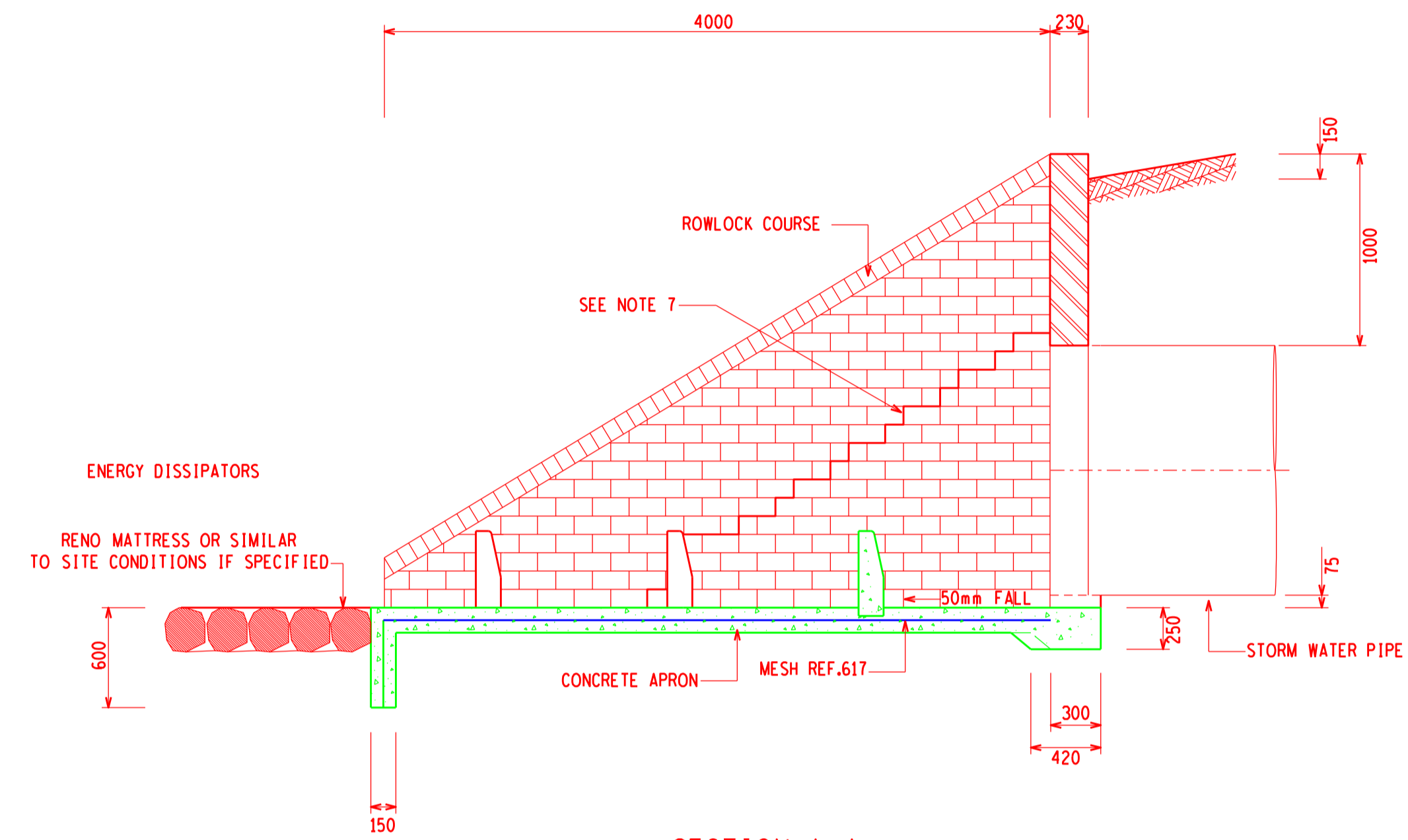
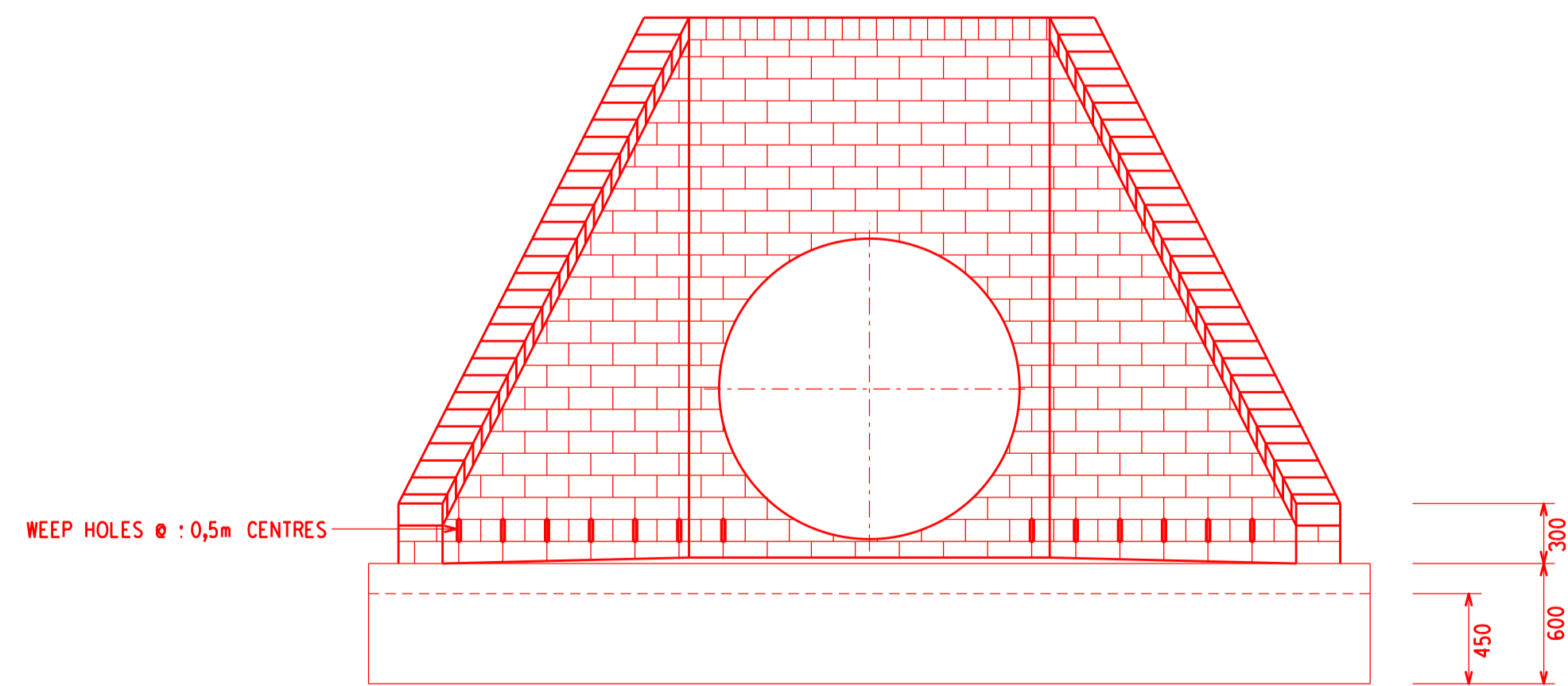


OUTLET PLAN



SECTION A-A



FRONT ELEVATION

NOTES

1. THE MATERIAL FOR A DEPTH OF 150mm UNDER THE APRON SLAB MUST BE COMPACTED TO A MINIMUM DENSITY OF 90% OF THE MOD. AASHTO DENSITY.
2. ALL CONCRETE TO BE CLASS 20/19.
3. ENERGY BREAKERS MUST BE PROVIDED WHEN REQUIRED BY THE ENGINEER.
4. ALL BRICKS TO BE OF QUALITY FBSE30 TO SANS 227-2007 WITH WATER ABSORPTION <14% AND EFFLORESCENCE <10.
5. ALL BRICKWORK TO BE IN ENGLISH BOND.
6. NO PLASTERING OF BRICKWORK WILL BE ALLOWED.
7. THE LOWER PORTION OF ANY BRICKWORK GREATER THAN 1m IN HEIGHT SHALL BE INCREASED TO 345mm TO A MAX. OVERALL HEIGHT OF 1.75m.
8. BRICK SAMPLES SHALL BE SUBMITTED FOR TESTING.
9. IN TERMS OF THE NATIONAL WATER ACT, 36 OF 1998, A RATE OF DISCHARGE FROM AN OUTLET STRUCTURE SHALL NOT EXCEED 12m/s VELOCITY AND SHALL NOT BE GREATER THAN 100mm IN DEPTH. IF DESIGN INDICATIONS ARE THAT THESE FIGURES WILL BE EXCEEDED, ADDITIONAL ENERGY DISSIPATION MEASURES WILL BE REQUIRED.

00	SN	PM	PDC	29/02/24	FIRST ISSUE FOR TENDER PURPOSES ONLY	CHECKED P MOABI 29/02/2024	AUTHORIZED P D CHETTY 29/02/2024
REV	DRAWN	CHKD	APPROVED	DATE	REVISION DESCRIPTION	SCALE 1:30	

**NEW GERMANY**  
STORM WATER PIPE  
CIVILS  
TYPICAL HEADWALL SECTION AND PLAN

**ER00789**  
SET SHEET REVISION  
**17 04 00**