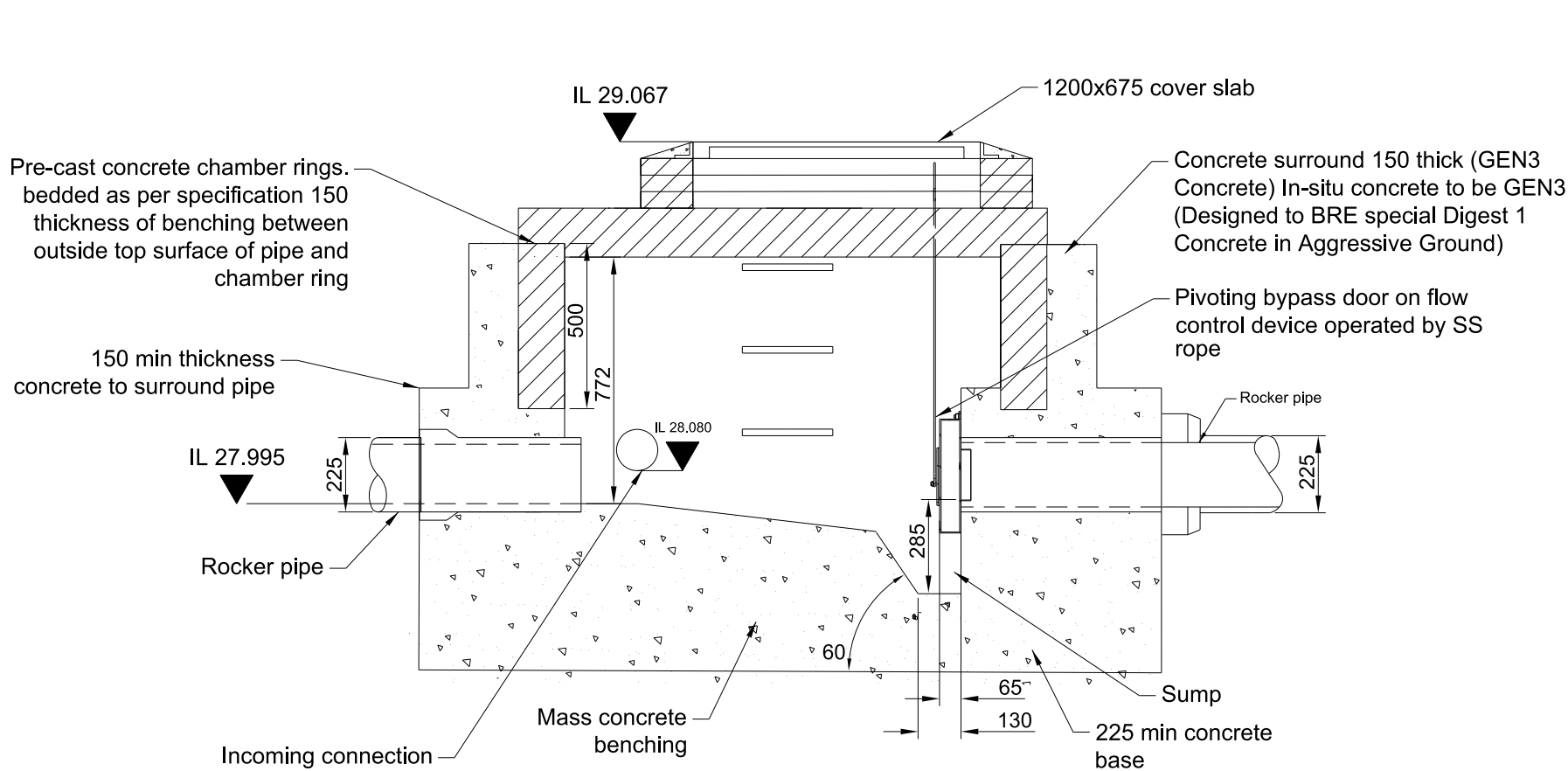
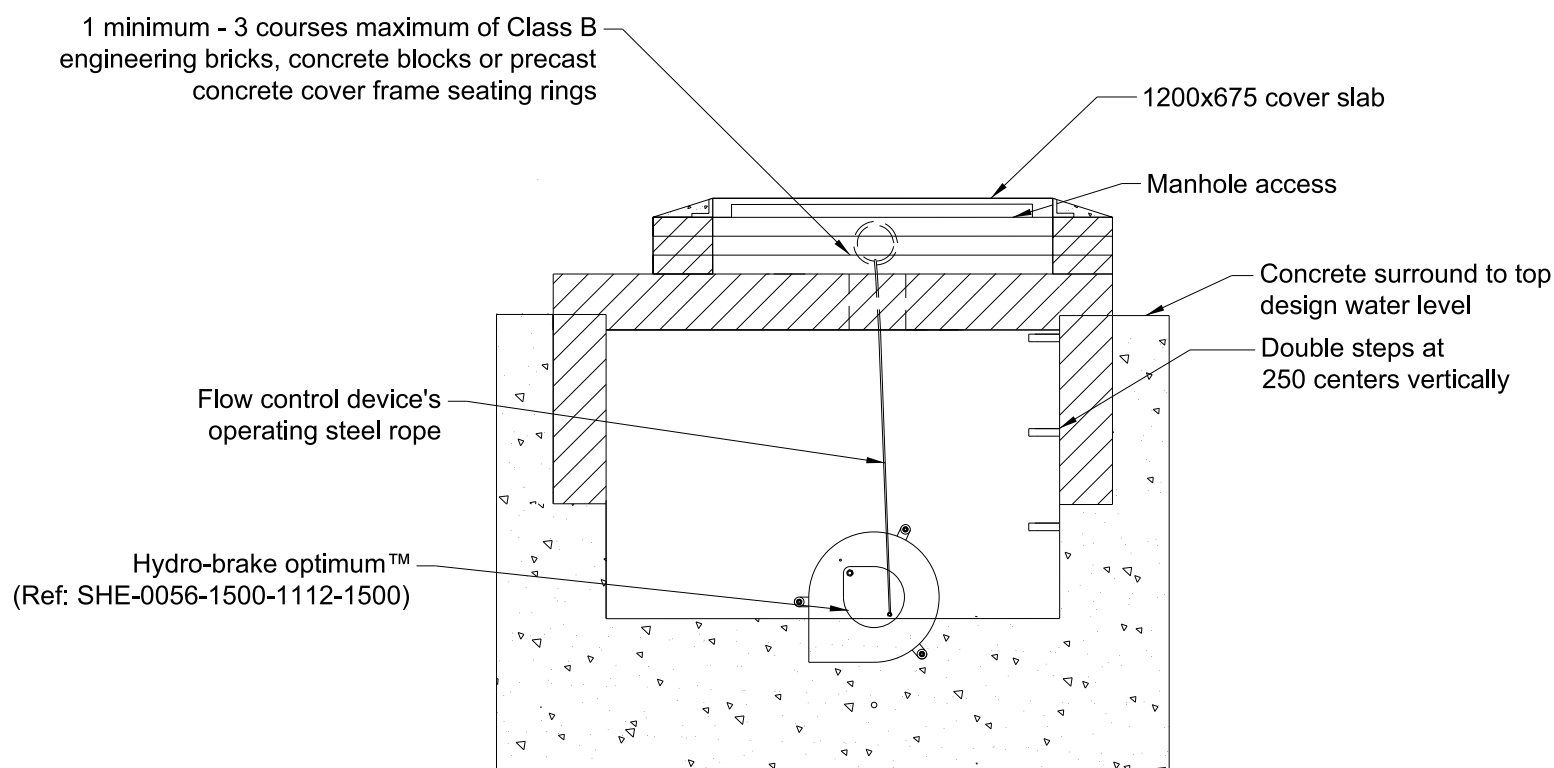
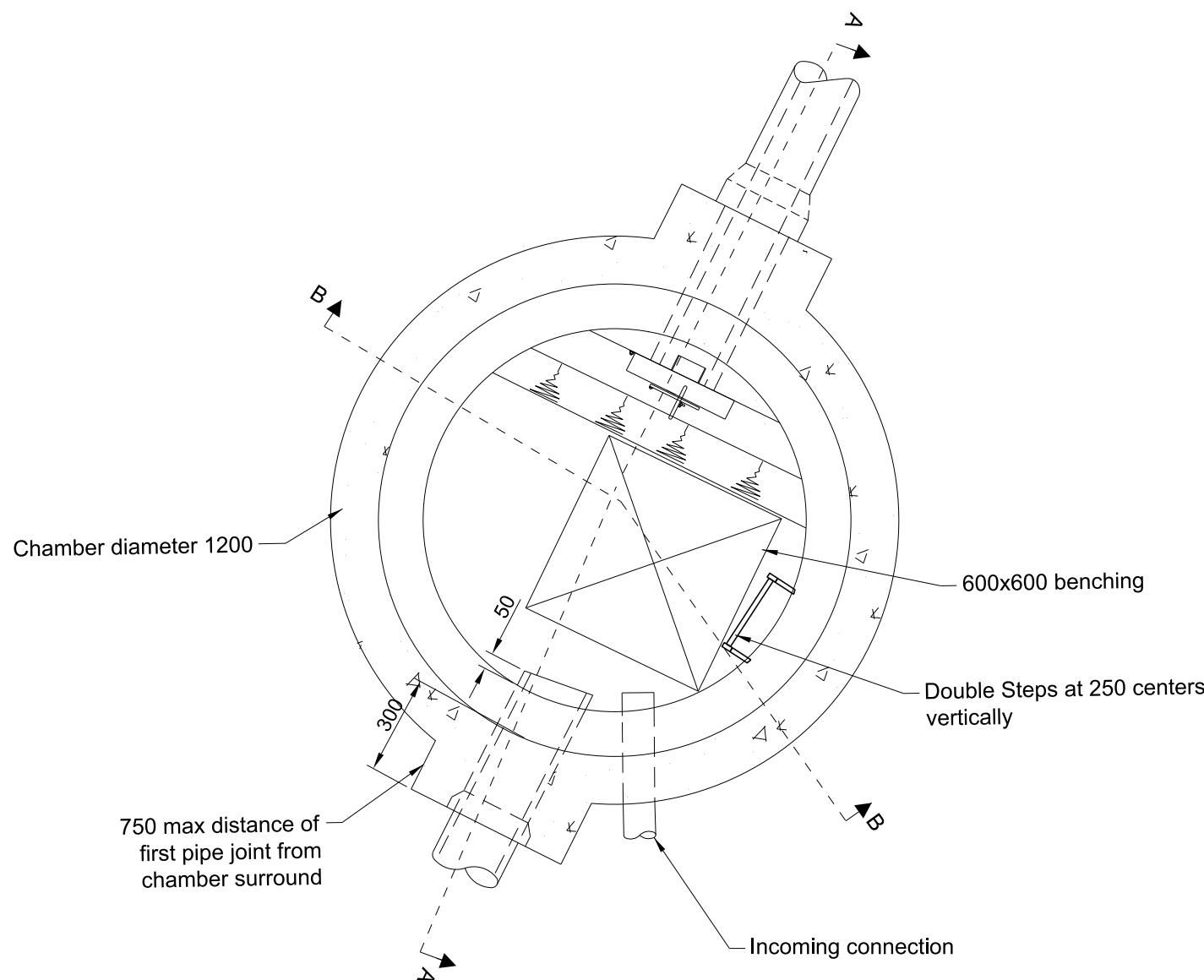




Section A-A



Section B-B



Plan  
S16 S

Notes

1. All dimensions are in mm, all levels in mAOD, unless specified otherwise.
2. Connection into manholes shall be constructed with the soffits at the level unless detailed differently on contract drawings
3. Concrete surround to manholes to be 150mm of at least 20N/mm2 concrete shall be provided to the top design water level. Any joints should be staggered with precast concrete joints.
4. Cut ends of reinforced concrete pipes shall be treated with epoxy resin paint/mortar.
5. 150mm deep covers are to be used when trafficked.
6. All in-situ concrete to be GEN3.

|     |          |                               |    |      |      |      |
|-----|----------|-------------------------------|----|------|------|------|
|     |          |                               |    |      |      |      |
|     |          |                               |    |      |      |      |
|     |          |                               |    |      |      |      |
|     |          |                               |    |      |      |      |
|     |          |                               |    |      |      |      |
|     |          |                               |    |      |      |      |
|     |          |                               |    |      |      |      |
| P01 | 22/07/22 | WS4 Issue to BAM              | DH | RG   | LS   | —    |
| P02 | 08/08/22 | Issued for Technical Approval | ES | DH   | RG   | —    |
| P03 | 10/10/22 | Full WS4 Issue                | ES | DH   | RG   | —    |
| P04 | 20/10/22 | Issued for Full WS4           | ES | DH   | RG   | —    |
| Rev | Date     | Description                   | By | Chkd | Appd | Auth |

ARUP

6th Floor 3 Piccadilly Place  
Manchester M1 3BN  
Tel +44 161 228 2331 Fax +44 161 228 6879  
www.arup.com

Client



Project Title  
Victoria North HIF Infrastructure & Enabling Works

Drawing Title  
Proposed Hydrobrake Details Sheet 5

|                                        |            |                                       |          |             |          |           |          |     |
|----------------------------------------|------------|---------------------------------------|----------|-------------|----------|-----------|----------|-----|
| Scale at A1                            |            | 1:20                                  |          | Anup Job No |          | 282022-00 |          |     |
| Role                                   |            | Civil - Drainage                      |          |             |          |           |          |     |
| Suitability                            |            | S4 - Issued for Construction Approval |          |             |          |           |          |     |
| Rev                                    | P04        | By                                    | ES       | Chkd        | DH       | Appd      | RG       | --- |
|                                        |            | Date                                  | 19/10/22 | Date        | 20/10/22 | Date      | 20/10/22 | --- |
|                                        |            |                                       |          |             |          |           |          |     |
| Name                                   |            |                                       |          |             |          |           |          |     |
| VNIF - ARP - ZZ - YYY - DR - CD - 0059 |            |                                       |          |             |          |           |          |     |
| Project                                | Originator | Volume                                | Location | Type        | Role     | Number    |          |     |