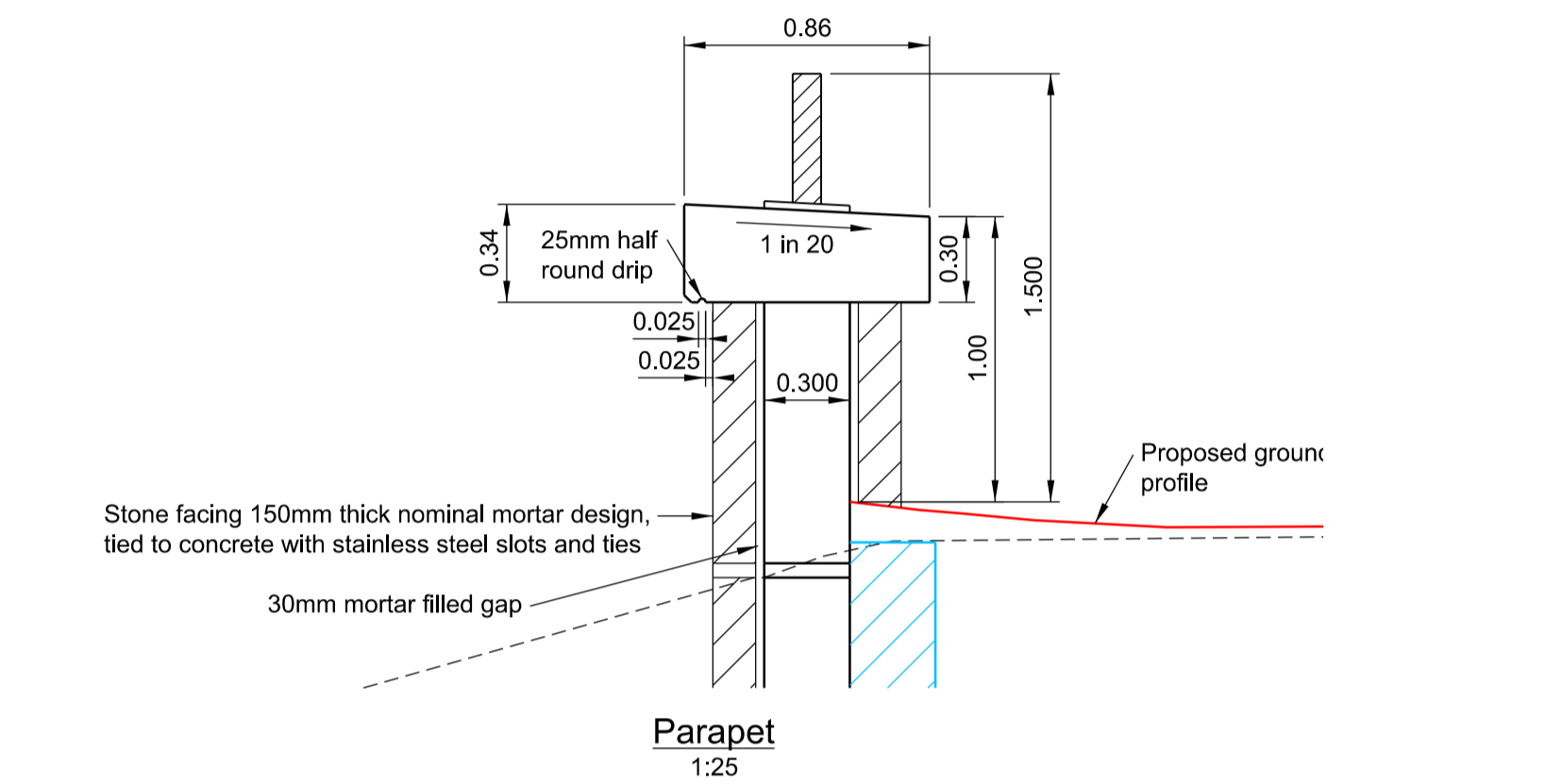
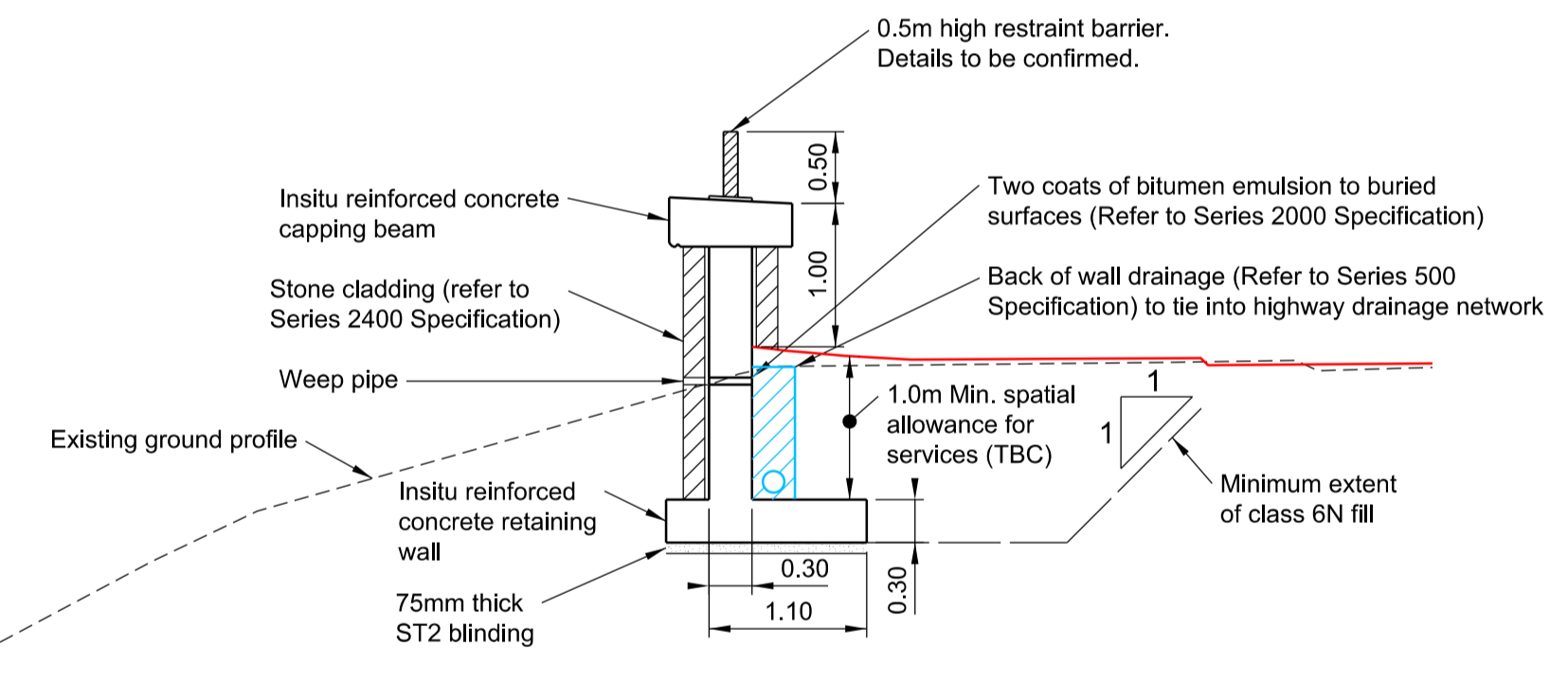


**Note:**  
 Founding levels for all foundations to be a minimum of 200mm into the design founding stratum. Inspection and identification of this founding stratum is to be validated on site by a suitably qualified geotechnical engineer. The levels for foundations indicated on the drawings are indicative and based on general (non-location specific) information from the Phase 1 project ground investigation. Should unsuitable materials be encountered at the indicated wall founding levels, such materials should be dug out and replaced with suitable engineered fill or mass concrete.

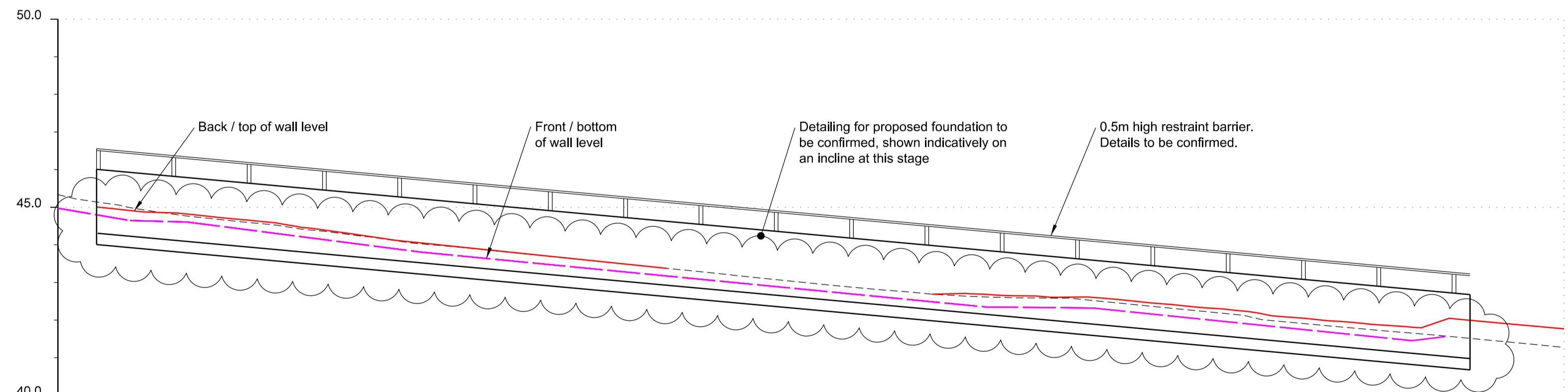
**Detail of Founding Requirements for Retaining Structures**  
 1:50



**Parapet**  
 1:25



**Section 1 - 1**  
 1:50



Chainage	0.000	1.920	3.433	5.000	9.623	10.000	15.000	20.000	24.631	25.000	27.480	30.000	35.000	35.963	36.914	40.000
Existing Level	45.334	44.987	44.766	44.600	44.030	43.996	43.495	42.984	42.613	42.602	42.523	42.274	41.736	41.653	41.571	41.275
Back / Top of Wall Level		44.914	44.819	44.661	44.054	44.015	43.497	42.984	42.613	42.602	42.523	42.274	41.736	41.653	41.571	41.275
Front / Bottom of Wall Level	44.976	44.646	44.609	44.407	43.810	43.773	43.286	42.800	42.349	42.345	42.321	42.063	41.551	41.453	41.371	41.076

**Elevation**  
 1:100

- Notes**
1. Do not scale from this drawing.
  2. All dimensions are in metres unless noted otherwise.
  3. The details shown on this drawing is a preliminary design for planning. The details will need to be reviewed and revised in subsequent design stages.
  4. Refer to the main hospital drawing for details of any works proposed to Westmount Road north of the scope line.
  5. Proposals shown do not account for any off-site highway improvement work required as part of the main hospital site.
  6. All levels are meters above datum (m AD).
  7. The topographical survey details has either been provided by RofFCC from a survey completed by Encompass Surveys Limited in August 2021. The data has been manipulated to try and best replicate the existing ground profile as certain features were missing from the original topographical survey therefore the information cannot be relied upon fully and may differ from what is encountered on site. No responsibility can be given for the accuracy of these surveys or terrain modelling data received from Digimap/GOJ on 20/09/2020.
  8. Refer to OHP-ARP-WZ-XX-RP-C-000101 for further details relating to assumptions around retaining structures.
  9. No vehicle impact has been allowed for within the design of the retaining structure. Vehicle protection provided by trier kerb along hairpin. For further details refer to the vehicular restraint barrier risk assessment in accordance with Design & Maintenance Guide for Local Authority Roads.
  10. Backfilling requirements to be determined in subsequent design stages. Well compacted material to be used behind all retaining structures (allowances to be made at this stage for it to extend from the back edge of the retaining structure at a 1 in 1 slope from bottom of structure). Filter drain to be allowed for at the bottom of the retaining structure.
  11. Sections shown are indicative and illustrative at this stage to be reviewed upon receipt of GI findings.
  12. Concrete blinding (assume 75mm deep) to be allowed below all RC retaining structures.
  13. Allowances to be made for excavation to reach competent ground and concrete mass infilling, say 1m below structures. Sections shown assume that all retaining structures are located on competent ground.
  14. The proposed founding levels of the wall are subject to review following further ground investigations that have been recommended as part of the Ground Investigation Report (document reference OHP-ARP-WZ-XX-RP-C-110004). Should unsuitable ground conditions be encountered, such materials should be dug out and replaced with mass concrete/suitable compacted engineering fill to a defined specification.
  15. Founding levels of the wall are assumed to be within competent superficial deposits as defined in the Ground Investigation Report (document reference OHP-ARP-WZ-XX-RP-C-110004). Should unsuitable ground conditions be encountered, such materials should be dug out and replaced with mass concrete/suitable compacted engineering fill to a defined specification.
  16. Precast alternatives could be considered in subsequent design stages.
  17. Proposals subject to change upon AIP sign off with GOJ IHE.



**Plan**  
 1:100

Disclaimer  
 Electronic drawings once printed, are uncontrolled and may become out-date. Refer to CDE for current revision.

Do not scale off this drawing: All dimension to be checked on site. All dimension are indicated in millimetres unless otherwise stated. If in doubt ask. © Arup

Key Plan

Safety, Health and Environmental (S.H.E.) Information Box

In addition to the hazards risks normally associated with the types of work detailed on this drawing, take note of the below:  
 The risks identified below are based on the use of experienced and competent contractors carrying out the work using an approved safe method of working.

Construction Risks	Maintenance Risks
Operational Risks	Demolition / adaptation Risks

Legend

- Topographic Survey Boundary
- Digital Terrain Model Data/Topographical Survey Data
- Proposed Retaining Structure
- Proposed Finished Levels

P01	22/10/21	Issued for Comment
Issue	Date	Revision Description
Record of Revisions		
Authoring Consultant / Sub-contractor	Date	
<b>ARUP</b>	Approved By Authorized Representative Name and Signature	
Authority		
<b>Government of JERSEY</b>		
Delivery Partner	Date	
<b>Our Hospital</b>	Approved By Authorized Representative Name and Signature	
Design Team Lead	Date	
<b>LEWELYN DAVIES</b>	Approved By Authorized Representative Name and Signature	
Project Title		
<b>Our Hospital   Project</b>		
Workstream ID		
<b>4 - Westmount Road Realignment, Including Associated Demolition Works</b>		
Drawing Title		
<b>Proposed Highway Retaining Structure B Details</b>		
Scale at A1		
As Shown		QR Code
Role		
Civil		
Consultant Job No		
277346		
Drawn By	Checked By	Approved By
CB	SW	SW
Purpose of Issue		
<b>Planning Application</b>		
Design Stage	Status	Rev
	<b>S2</b>	<b>P01</b>
ID		
<b>OHP-ARP-WZ-CL-DG-C-020141</b>		