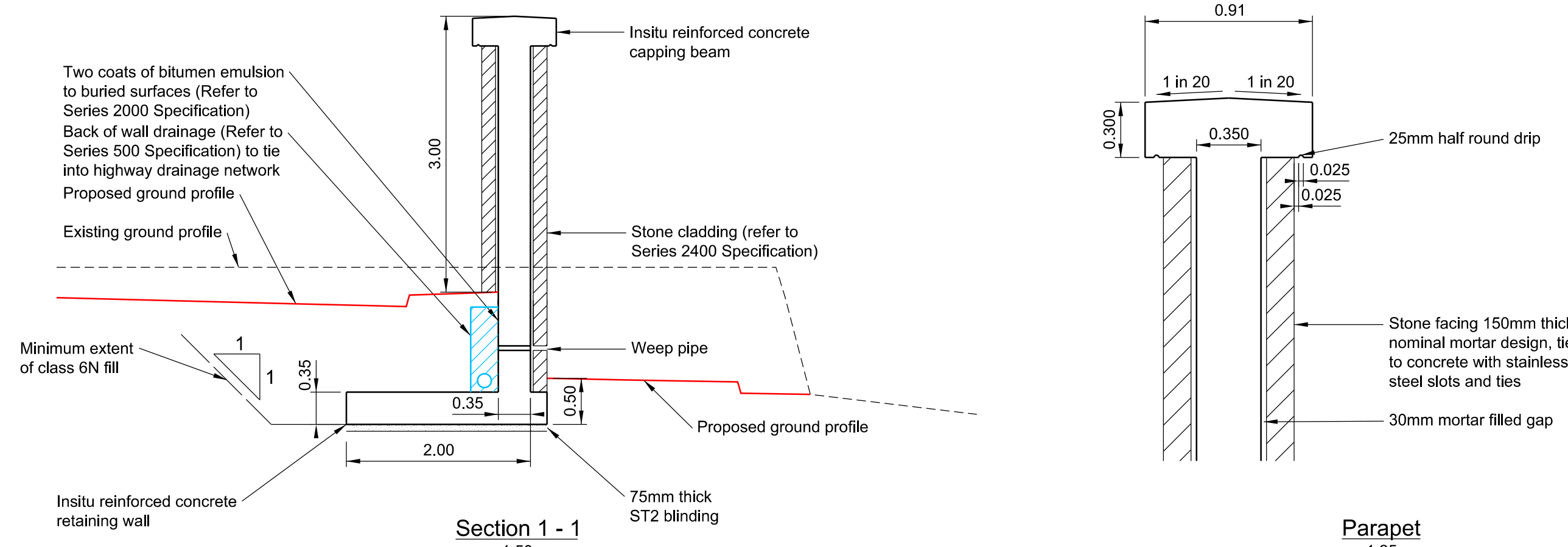


Plan
1:125

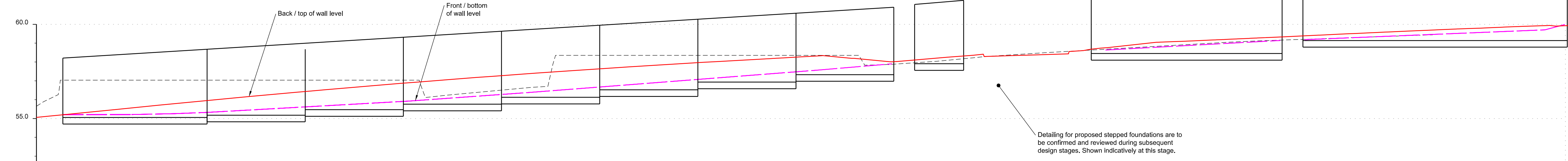
Detail of Founding Requirements for Retaining Structures
1:50



Section 1 - 1
1:50

Parapet
1:25

- 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 RofKCC 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 Digimaps/GoJ on 20/08/2020.
 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 tie back along hairpins. 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).
 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/suitably 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.



Elevation
1:125

Chainage	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	80.000	81.000
Existing Level	55.749	57.037	57.036	57.036	57.037	57.035	57.035	57.035	57.035	57.035	57.035	57.035	57.035	57.035	57.035	57.035	57.035	57.035
Back / Top of Wall Level	55.759	55.599	55.599	55.599	55.599	55.599	55.599	55.599	55.599	55.599	55.599	55.599	55.599	55.599	55.599	55.599	55.599	55.599
Front / Bottom of Wall Level	55.207	55.210	55.259	55.325	55.380	55.381	55.381	55.381	55.381	55.381	55.381	55.381	55.381	55.381	55.381	55.381	55.381	55.381
Chainage	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	80.000	81.000

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

Notes
Legend
--- Topographical 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
Approved By Authorised Representative Name and Signature	

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Authority
Government of JERSEY

Delivery Partner	Date
Approved By Authorised Representative Name and Signature	

Our Hospital

Design Team Lead	Date
Approved By Authorised Representative Name and Signature	

LLEWELYN DAVIES

Project Title
Our Hospital | Project

Workstream ID
4 - Westmount Road Realignment, Including Associated Demolition Works

Drawing Title
Proposed Highway Retaining Structure C Details

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		
Planning Application		
Design Stage	Status	Rev
	S2	P01

ID
OHP-ARP-WZ-CL-DG-C-020142