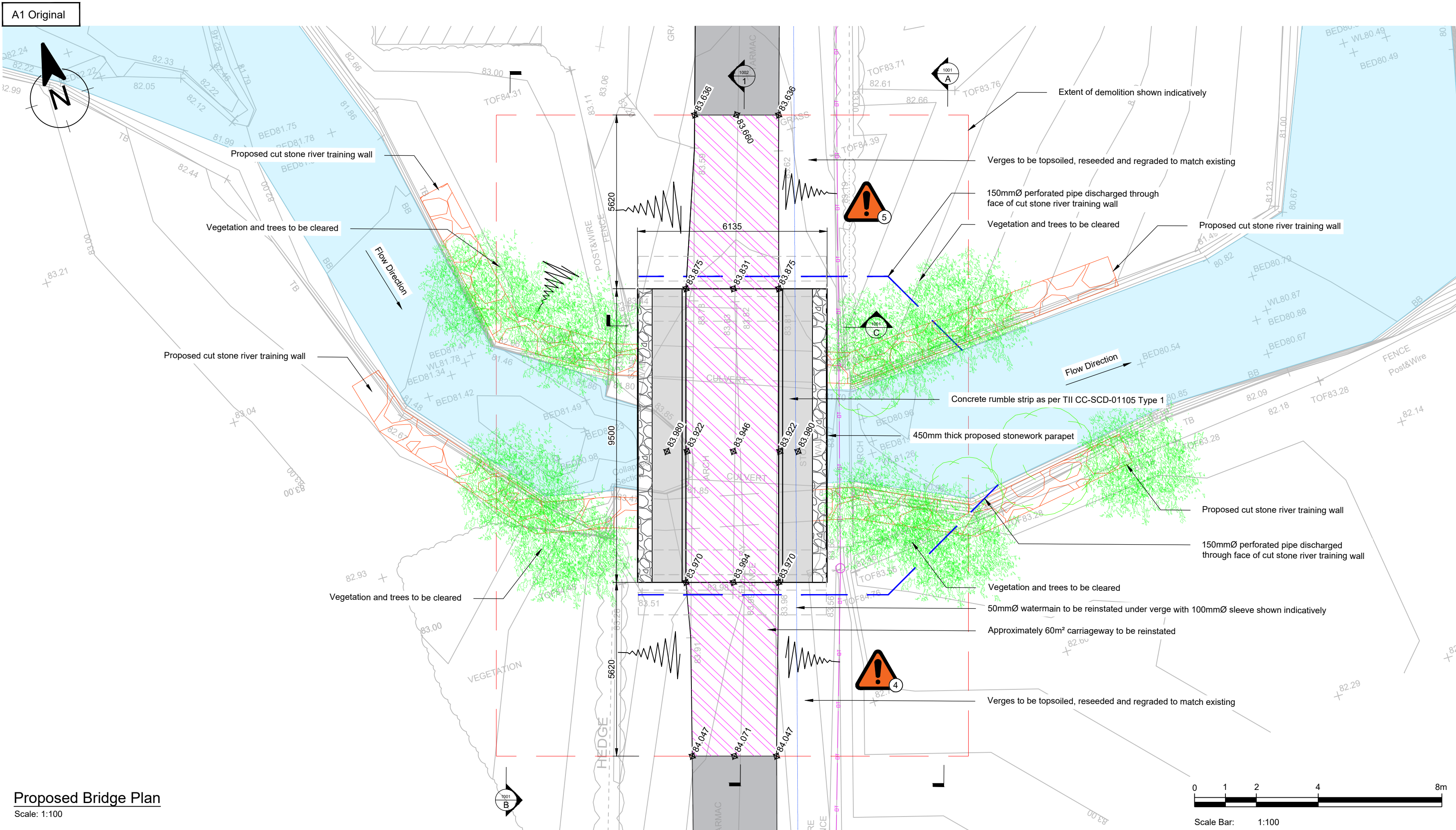




Proposed Bridge Plan
Scale: 1:100



General Notes

- Do not scale from this drawing, use figured dimensions only. All dimensions in millimeters, unless noted otherwise.
- Access to and temporary working areas within privately owned lands required for the permanent works shall be agreed between the Contractor, the Local Authority, the Employer's Representative and the Landowner prior to works being carried out.
- All coordinates are in meters and are to Irish Transverse Mercator.
- The Contractor should ensure all dimensions and levels are correct according to the survey "7825 Shesknan Bridge Works Survey_200 ITM15_3D" received by Design ID from Apex Surveys on 07/11/2025, all discrepancies should be reported before works commence.
- All levels are in meters and are to Malin Head Datum.
- Water Levels shown are indicative only and are likely to vary.

Legend

	River		Existing MV Overhead Line
	Proposed Precast Concrete		Existing LV Overhead Line
	Proposed In-Situ Concrete		Proposed River Training Walls (Elevation)
	Proposed Reinstated Carriageway		Edge Beams
	Existing Carriageway		Vegetation
	Proposed Abutment		Existing Level (Plan)
	Proposed Parapet		Proposed Level (Plan)
	Proposed River Training Walls (Plan)		Existing Level (Elevation)
	Existing Watermain		Proposed Level (Elevation)
	Existing Overhead Telecom Line		

Design & Construction Risks

- The proposed bridge deck geometry has been proposed on the basis on the dimensions taken from Topographical Survey information supplied by Apex Surveys to Design ID via email on 06/03/2026.
- All temporary works to facilitate the proposed works are the responsibility of the PSCS. This would include but is not limited to craneage plant access, water management, working platforms, etc.
- Temporary road works and associated road closures and diversions away from the bridge should be designed, planned and implemented by the Contractor, and approved by Leitrim County Council prior to works commencing.
- Alignment of existing watermain shown indicatively, the Contractor is responsible for carrying out surveys to identify exact location of buried services. Watermain to be protected for the duration of the works. Contractor to liaise with Uisce Éireann to agree procedure.
- Contractor to liaise with ESB Networks and Eir in respect of any temporary protection measures and approvals required to facilitate craneage of proposed bridge beams.

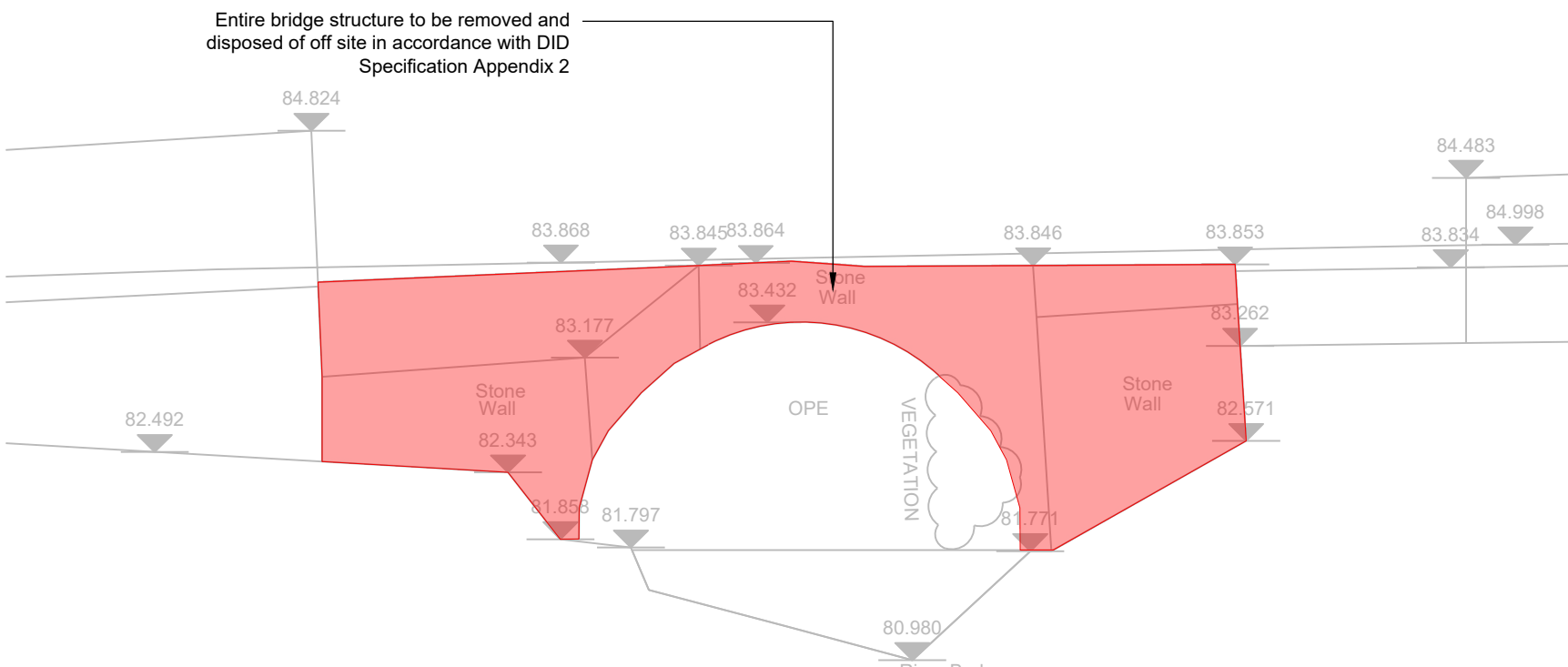
Health and Safety Risks

- The appointed Contractor is responsible for carrying out any necessary surveys prior to the commencement of works to identify the nature and location of any existing services.
- The proposed precast bridge deck will require craneage to facilitate its erection. A Risk Assessment and Method Statement shall be developed by the appointed Contractor.

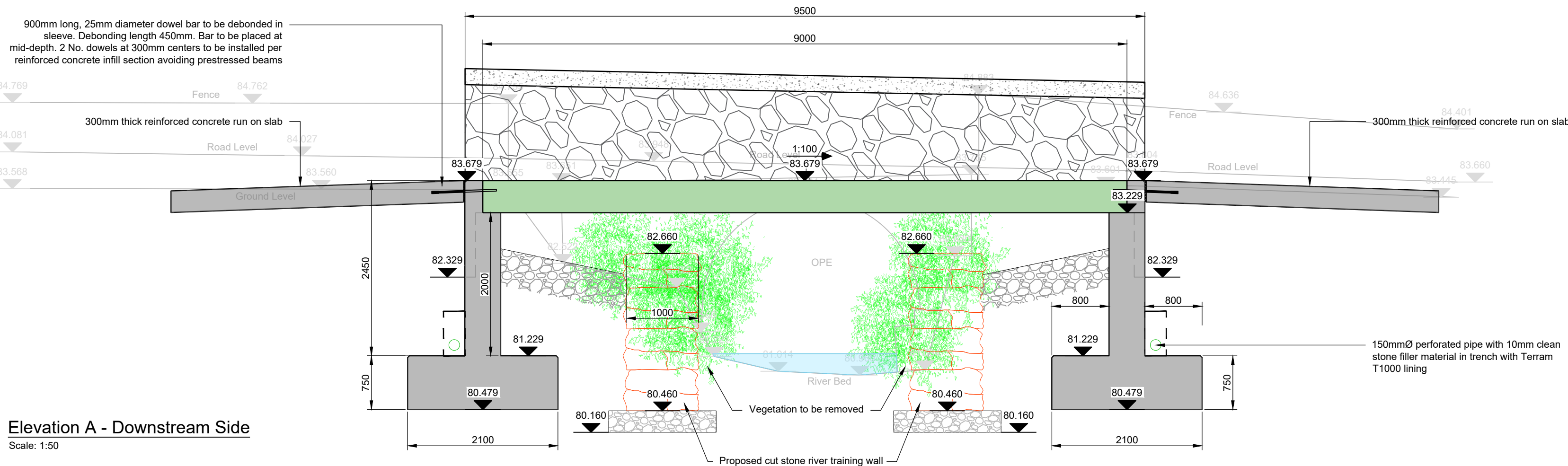
Proposed Carriageway Details

Course	Clause	Material	Thickness	Requirements
Surface Course	906	AC14 Dens 40/60 des	45mm	BS: EN: 13108-1:2016 Table 2 Aggregate Type: Crushed Rock Nominal Size = 0/14mm Specification for grade of binder to BS EN 12591:2009 Specification for transport, laying, compaction and type testing protocols to BS: 594987:2015 Weather conditions in accordance with the Specification for Road Works.
Binder Course	906	AC20 Dens 40/60 des	55mm	AC 20mm dense asphalt concrete inder course to BS EN:13108-1:2016 Specification for transport, laying, compaction and type testing protocols to BS 594987:2015 Specification for grade of binder to BS EN 12591:2009 Weather conditions in accordance with the Specification for Road Works. Conformity shall be established in accordance with BS EN 13108-20 and BS EN 13108-21 and proof of conformity must be provided
Base Course	805	AC32 Dens 40/60 des	100mm	AC 32mm dense asphalt concrete inder course to BS EN:13108-1:2016 Specification for transport, laying, compaction and type testing protocols to BS 594987:2015 Specification for grade of binder to BS EN 12591:2009 Weather conditions in accordance with the Specification for Road Works. Conformity shall be established in accordance with BS EN 13108-20 and BS EN 13108-21 and proof of conformity must be provided
Subbase	-	UGM A	350mm	TII Series 800 SPRW
Capping	-	Selected Granular Material	250mm	TII Series 800 SPRW, Table 6/2

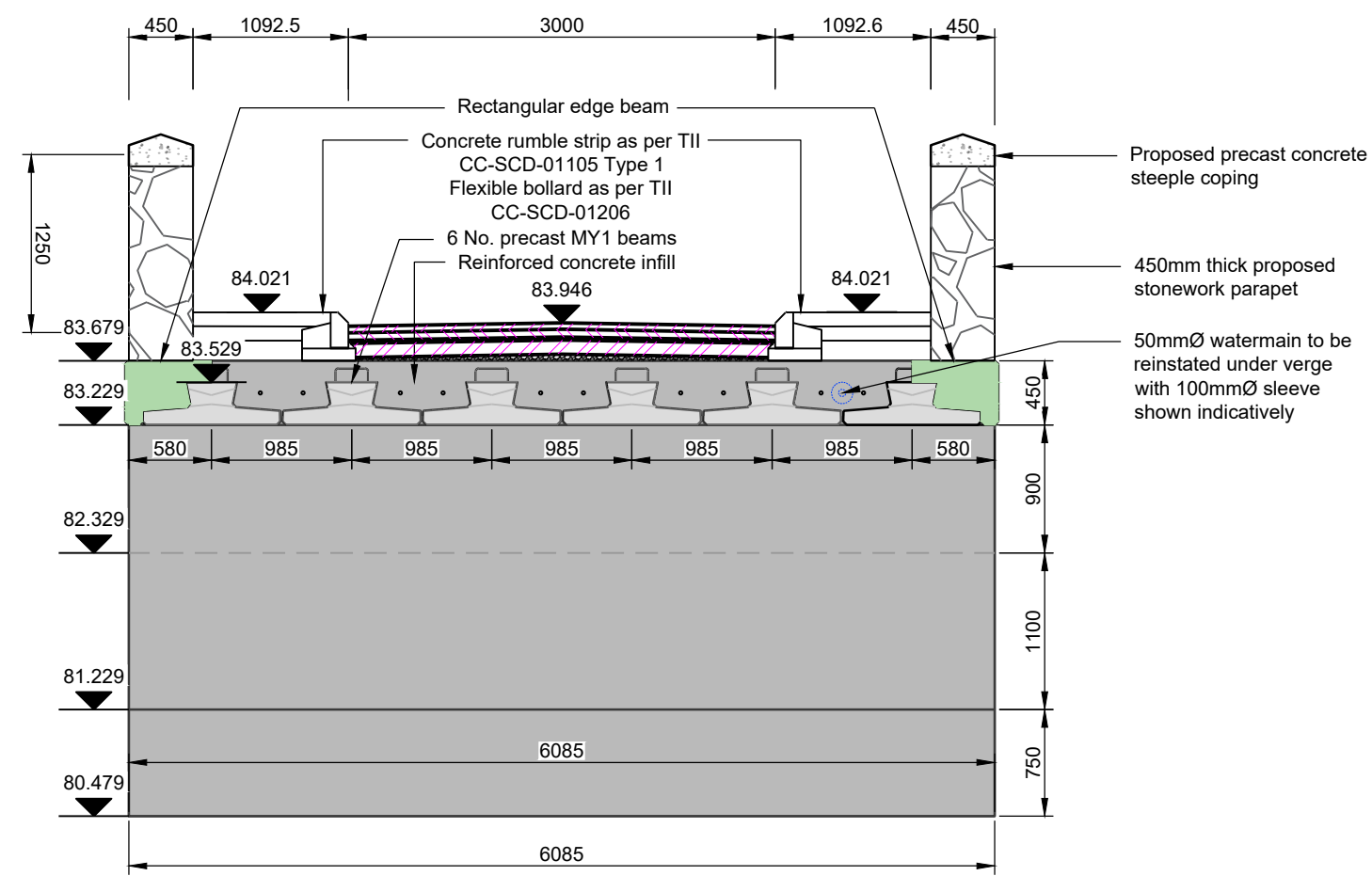
Please Note: The provision of a capping Layer will be Subject to site inspection by the engineer, having excavated and identified the existing road build-up.



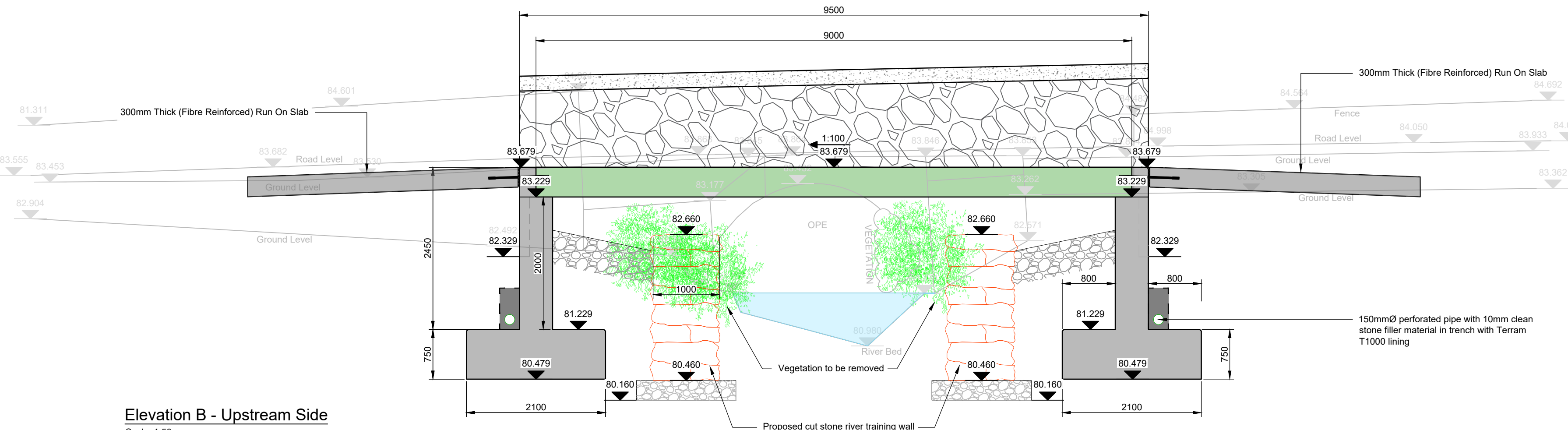
Demolition
Scale: 1:50



Elevation A - Downstream Side
Scale: 1:50



Elevation C - Proposed Abutment
Scale: 1:50



Elevation B - Upstream Side
Scale: 1:50

Design ID

Think | Design | Engineer

Project
Shesknan Bridge
Rehabilitation Works

Design ID Project No.
25319
Scale(s) @ A1
As Shown

Drawing Title
Bridge Deck Replacement
General Arrangement

Suitability & Description
S3 - Review and Comment

Project	Originator	Functional Breakdown	Spatial Breakdown	Form	Discipline	Number	Revision
25319	-	DID	-	03	-	XX	-
		DR	-	C	-	1001	
							P04