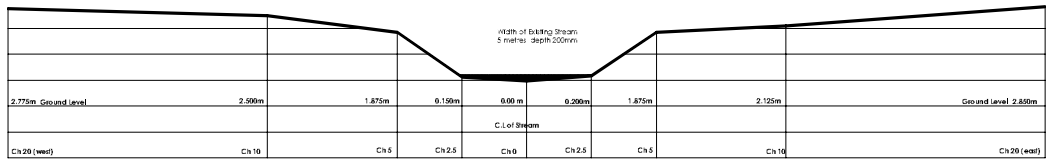
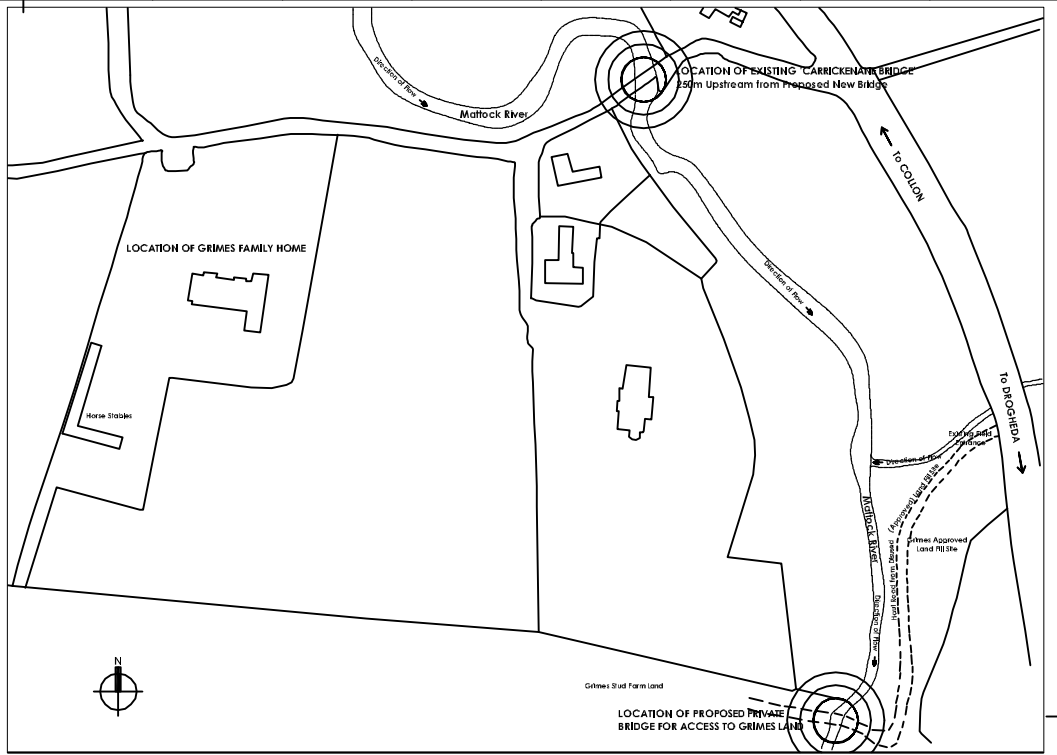


Plan of Proposed Grimes Private Access Bridge Scale 1:100
Downstream (approx 240m) from Existing Carrickenane Bridge



Cross Section of Ground Topography at Proposed Bridge Location Scale 1:100

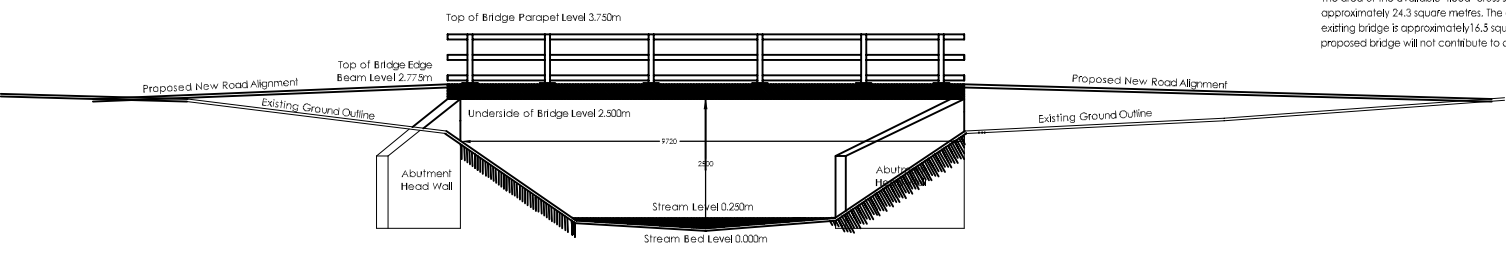
Notes:

Proposed New Bridge Construction:
The proposed private road bridge into the Grimes property shall be of steel beam & concrete deck construction.
The underside of the bridge soffit shall be 2.500metres above the stream bed level, this is 0.750m higher than the existing upstream Carrickenane Bridge, constructed in 2003.

Environmental and Fish Issues:
Reference is made to The Eastern Regional Fisheries Board - Requirements for the Protection of Fisheries Habitat during Construction and Development Works at River Sites: "the bed and soil of a natural river and the associated aquatic and riparian vegetation combine to provide the food chain on which fish depend"... "All elements of this natural environment must be protected"... "Clear span bridging is the preferable option, causing no changes to bed and banks and no impact on fish migration".

Chosen Option for Proposed New Private Road Bridge Design:
Following the above, the proposed new bridge shall clearly span the Mattock River. The proposed supporting abutment walls shall be constructed away from the edges of the existing river to ensure that the river bed environment is not affected.

The area of the available "flood" cross section under the new proposed bridge is approximately 24.3 square metres. The area of the available "flood" cross section under the existing bridge is approximately 16.3 square metres. It is therefore understood that the new proposed bridge will not contribute to any flooding.



Elevation of Proposed Grimes Private Access Bridge - Looking Down-Stream Scale 1:50
Steel Beam and Concrete Deck Bridge

1	ISSUED FOR INFORMATION	BY	SH	DATE	17.06.07
ISSUE	DESCRIPTION	DATE	BY	DATE	DATE
<p>HARMON MCCARTHY PROJECTS LTD. No. 8 Balfour Court, Ardaraun, Co. Wick TEL: 01 870 9100 FAX: 01 870 9101 e-mail: info@hmc.ie</p> <p>CHARITABLE ENGINEERS, ARCHITECTURAL SERVICES, BUILDING SURVEILLANCE, PROJECT MANAGEMENT</p>					
OTHER CONSULTANTS					
CLIENT					
<p>DRAWING NAME Proposed New Private Access Bridge to Grimes Land Carrickenane, Colton, Co. Wick REVIEW OF PROPOSED ACCESS BRIDGE DRAWING</p>					
				PROJECT No.	010327-6
				DRAWING No.	010327-6 - 001
A1	SCALE	As Shown			