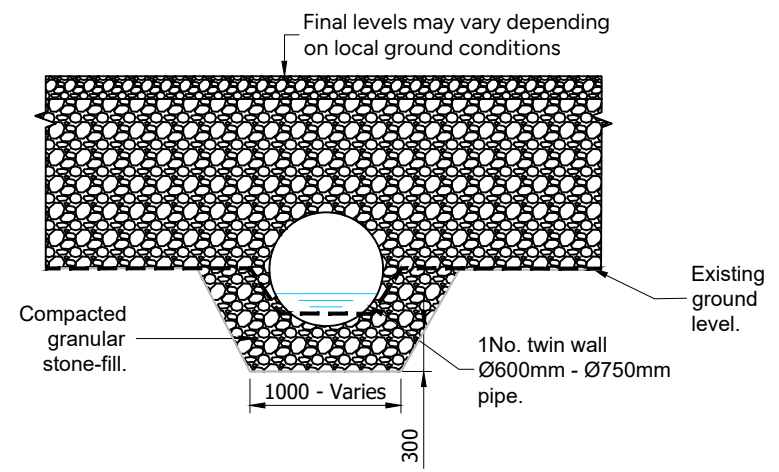
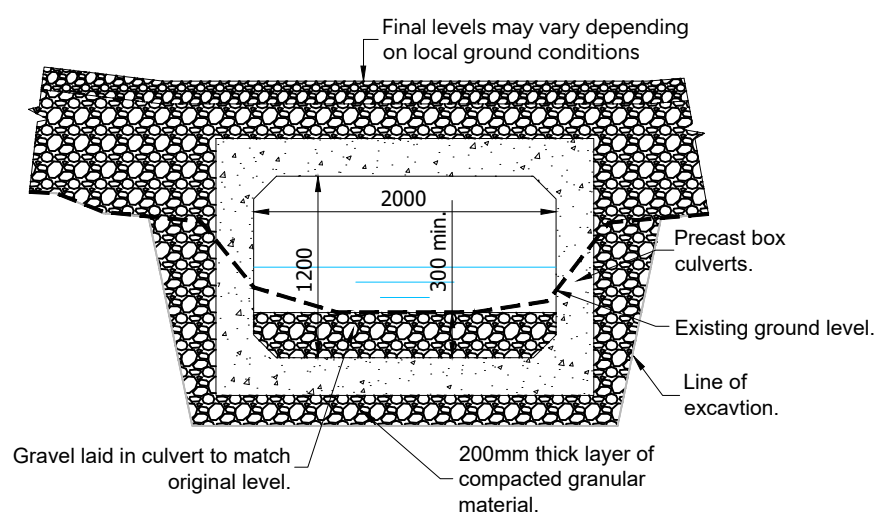


**Type 1 culvert section**  
Scale 1:50

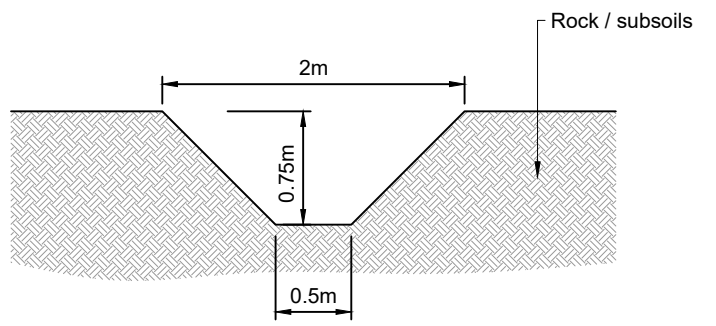


**Type 2 culvert section**  
Scale 1:50

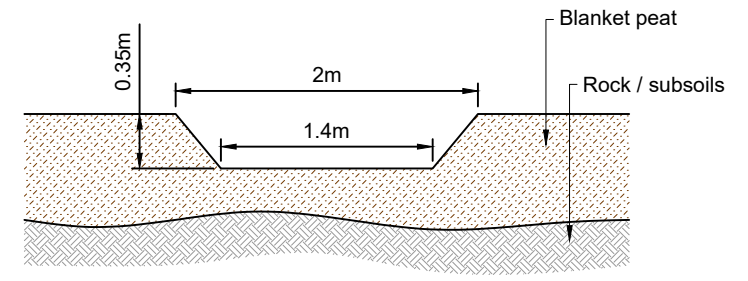


**Type 3 culvert section**  
Scale 1:50

**Note:**  
Culverts are to be of adequate size to carry peak flows corresponding to a 1 in 100 year storm event. They should be installed to conform wherever possible to the natural slope and alignment of the stream or drainage line. Culverts greater than 1m diameter should be buried to a minimum depth of 300mm below the streambed and the original bed material placed in the bottom of the culvert.  
Formation level to be based upon local ground conditions.



**Typical "V" Shaped Ditch**  
Scale 1:50



**Alternative "Flat Ditch" for Floating Roads**  
Scale 1:50



- Notes:**
1. All dimensions are in metres unless noted otherwise.
  2. Details may vary subject to ground conditions.

**Legend:**

P02	Client comments	04/26	SJB	RA	GH
P01	Initial Issue	12/25	IG	RA	GH
Rev	Amendments	Date	By	Chk	Auth



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Client  
**RWE Renewables Ireland**

Project  
**Muingmore Wind Farm**

Figure Title  
**Typical Drainage Details - Culvert Details**

Scale 1:50	@ A3	SLR Project No. 501.065301.00001
Designed N/A	Drawn IG	Checked RA
Date N/A	Date 12/25	Date 04/26
Figure Number D17	Rev. P02	