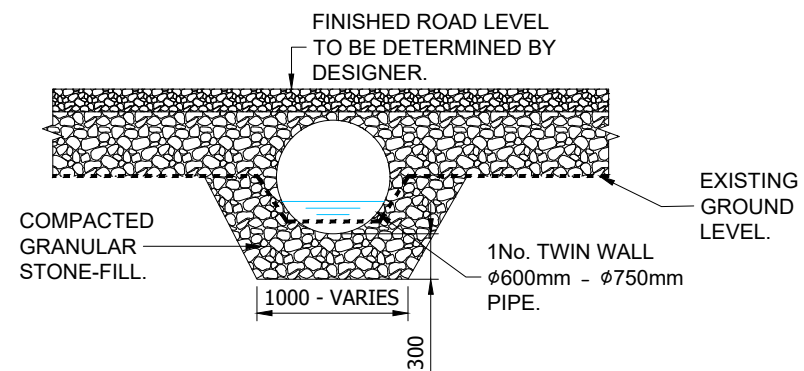


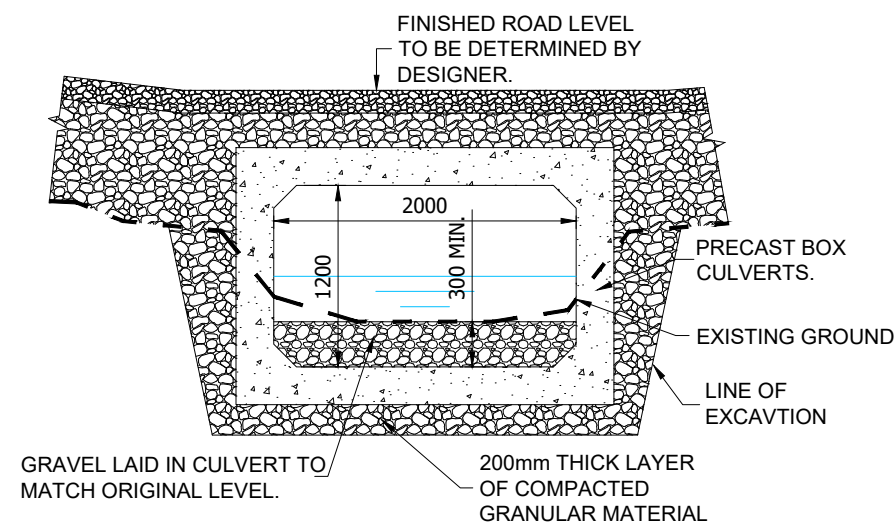
**TYPE 1 CULVERT**

SCALE 1:50



**TYPE 2 CULVERT**

SCALE 1:50



**TYPE 3 CULVERT**

SCALE 1:50

**NOTE:**

CULVERTS ARE TO BE OF ADEQUATE SIZE TO CARRY PEAK FLOWS CORRESPONDING TO A 1 IN 100 YEAR STORM EVENT, WITH A MINIMUM DIAMETER OF 900mm. 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.

1. FORMATION LEVEL TO BE DETERMINED BY THE CIVIL WORKS DESIGNER. REFER TO SITE INVESTIGATIONS REPORT.

2. SUB BASE MATERIAL TO CONFORM TO THE FOLLOWING:

**IMPORTED MATERIAL**  
TO CONFORM TO TYPE 6F1 IN ACCORDANCE WITH TABLE 6/2 OF THE NRA SPECIFICATION FOR ROAD WORKS.

**SITE WON MATERIAL**  
ROCK WON IN EXCAVATION OF TURBINES MUST BE CRUSHED AND GRADED ON SITE. THE MAXIMUM SIZE OF AGGREGATE TO BE 125mm. THE AGGREGATE GRADING TO BE AGREED WITH THE ENGINEER.

3. SURFACE LAYER TO BE CLAUSE 804. THIS LAYER MAY BE APPLIED IMMEDIATELY BEFORE TURBINE DELIVERY.

**DRAFT\_0**

THIS DRAWING IS NOT TO BE USED AS A CONSTRUCTION DRAWING.

rev.	modifications	by	chkd	date

File: P:\wind-jah\5969 - Letter W\700 Drawings\703 Planning\300-Drainage Details\5969-PL-304.dwg

Client

LETTER WIND FARM LIMITED

Project

PROPOSED WIND FARM  
AT LETTER, DRUMKEERAN  
CO. LEITRIM.

Stage

PLANNING

Title

DRAINAGE DETAILS  
SHEET 4 OF 4

Scales

As Noted @ A3

Surveyed	Prepared By	Checked	Date
	J.B.	S.C.	09/23

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JENNINGS O'DONOVAN & PARTNERS LIMITED,  
CONSULTING ENGINEERS,  
FINISKLIN,  
SLIGO,  
IRELAND.  
TEL. (0035371) 9161416.  
FAX. (0035371) 9161080.  
Email: info@jodireland.com  
Web: www.jodireland.com



Job No.	Drawing no.	Figure no.	Revision
5969	PL-304		