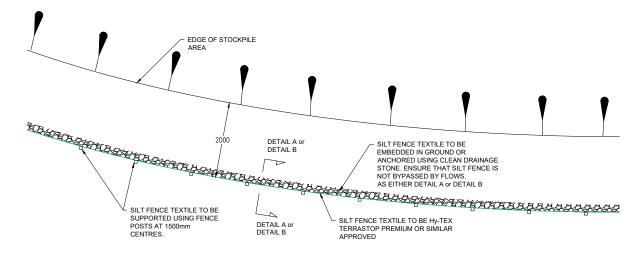
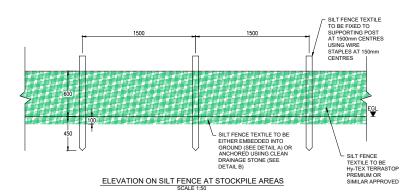
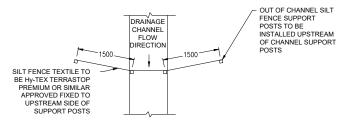


ELEVATION ON SILT FENCE AT DRAINAGE CHANNEL
SCALE 1:50

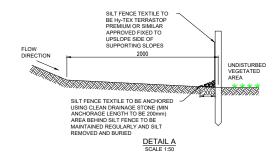


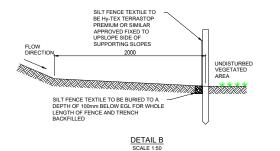
PLAN ON SILT FENCE AT STOCKPILE AREAS





PLAN ON SILT FENCE AT DRAINAGE CHANNEL





INAGE NOTES

 $\frac{\text{GENERAL:}}{\text{DRAINAGE}} \text{ BUFFER ZONE WIDTHS SHALL BE A MINIMUM OF 65m.}$

CONSTRUCTION AND MAINTENANCE
ROADSIDE DRAIN SHOULD NOT INTERCEPT LARGE VOLUMES OF ROADSIE DRAIN SHOULD NOT INTERCEPT LARGE VOLUMES OF WATER FROM THE GROUND ABOVE. HIS SEDIMENT LOADS AND MUST DISCHARGE WITH A CONTROL OF THE ROADSIED BRAINS LIKELY TO CARRY HOT DEALEST WITHOUTH DIRAINS ON THE UPPER SIDE OF THE ROAD MAY NEED CULVERTS TO THE LOWER SIDE. CHAINING AND REPAIRS WHERE NECESSARY.

DRAINS:

DRAINS SHALL BE DESIGNED AND CONSTRUCTED TO MITIGATE OWNES AND STANDAY OF PERFORATED PIPE WITH DRAINAGE STONE SURROLUND.

DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SYSTEM OF STILLING PONDS AND BUFFERED OUTFALLS.

DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL BE CONVEYED THROUGH A BUFFERED OUTFALL WITHIN A DISTURBED AREA SHALL BE CONVEYED THROUGH A BUFFERED DUTFALL WITHIN A UNDISTURBED STABILISED AREA AT NON-EROSIVE VELOCITIES.

ALL DOSSTRUCTIONS WITHIN A DRAINAGE CHANNEL SHALL BE REMOVED AND DISPOSED OF, SO AS NOT TO INTERFERE WITH THE PROPER FUNCTION OF THE DRAINAGE SYSTEM.

CHECK DAMS SHALL BE CONSTRUCTED USING WELL GRADED 150mm DOWN ANGULAR GRAVEL PLACED OVER A GEO-TEXTILE LAYER. SEE DETAIL 1.

THE SPACING OF CHECK DAMS SHALL BE SUCH THAT THE PEAK OF THE UNSTREAM DAM. DAM IS NO LOWER THAN THE FOOT OF THE UNSTREAM DAM.

THE DOWNSTREAM DAM IS NO LOWER THAN THE FOOT OF THE UPSTREAM DAM.

THE USE OF STRAW BALES WITHIN THE DRAINAGE SYSTEM SHOULD BE CONSIDERED ON A TEMPORARY BASIS DURING CONSTRUCTION AND MAINTENANCE WORK.

STRAW BALES SHOULD, HOWEVER, ONLY BE USED TO INTERCEPT SEMINENT ALOBER NUMBER FROM ALL DRAINAGE AREAS OF SEMINENT ALOBER NUMBER FROM ALL DRAINAGE AREAS OF STAKES OR RE-BARS DRIVEN THROUGH THE BALE WHERE BALES ARE TO BE PLACED IN POSITION ADJACENT TO OTHER BALES (EG WITHIN A STILLING POND). THE FIRST STAKE IN EACH BALE SHOULD BE DRIVEN TOWARDS THE PREVIOUSLY LAID BALE AT AN ANGLE. THIS HAS THE EFFECT OF FORCING THE TWO BALES (THE BALE SHOULD BE DRIVEN TOWARDS THE PREVIOUSLY LAID BALE AT AN ANGLE THIS HAS THE EFFECT OF FORCING THE TWO BALES (BALES SHALL BE REPLACED AS REQUIRED

BALES SHALL BE REPLACED AS REQUIRED BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS.

OUTFALLS:

ALL DRAINAGE CHANNELS SHALL FANTAPER OUT BEFORE ENTERING THE BUFFER ZONE. PRIOR TO ENTERING THE TAPERED ZONE. THE BASE OF THE DRAINAGE CHANNELS TO BE CONSTRUCTED OF A HARDCORE MATERIAL TO AID THE SETTLEMENT OF SUSPENDED SOLIDS.

NON-DEVELOPMENT RUN-OFF SHALL BE RETURNED TO A SURFACE FLOW.

CONDITION E.G. BY USE OF LEVEL SPREADERS.

P01	Planning Application Submission	LB	JL/RM	May. 2023
P00	Issued for Comments	LB	JL/RM	Mar. 2023
rev.	modifications	by	chkd	date

Client



Project

Proposed Wind Farm and Grid Connection at Dyrick Hill, County Waterford.

Planning Application

Title

Drainage Details Sheet 2 of 4

Scales

1:50 & 1:100 (A3)

ırveyed	Prepared By	Checked	Date
	L.B.	J.L.	Oct. 2022

© COPYRIGHT OF

JENNINGS O'DONOVAN & PARTNERS LIMITED. CONSULTING ENGINEERS, FINISKLIN, SLIGO,

IRELAND.

TEL. (0035371) 9161416. FAX. (0035371) 9161080. Email, info@iodireland.com

Drawing no. 6497-PL-302

P01