

# Appendix C

## FACILITY ILLUSTRATIONS

### Generic Intervention Structures

Typical designs of the most common interventions used for wetland rehabilitation purposes have been included here. Note that these drawings are not to scale and must be adapted during the design stage to suit site conditions and meet rehabilitation objectives. Detailed designs of the proposed interventions for the authorised Wetland Projects, as well as the proposed locations for these interventions, will be provided in the relevant annual Rehabilitation Plans.



# **WORKING FOR WETLANDS**

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## **Guideline on Generic Intervention Structures for Wetland Rehabilitation Purposes**



# SOFT OPTIONS

DRAWING No.    SHEET No.    DRAWING DESCRIPTION

109664-STD-01	Sheet 1 of 6	LIST OF DETAILS
109664-STD-01	Sheet 2 of 6	ECOLOGS
109664-STD-01	Sheet 3 of 6	ROCK PACKS
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**NOTES**

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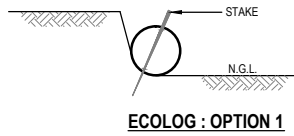
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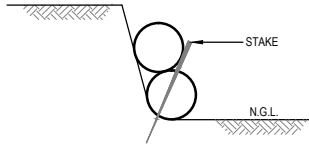
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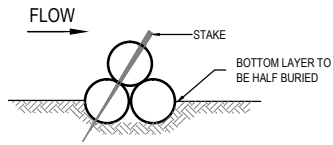
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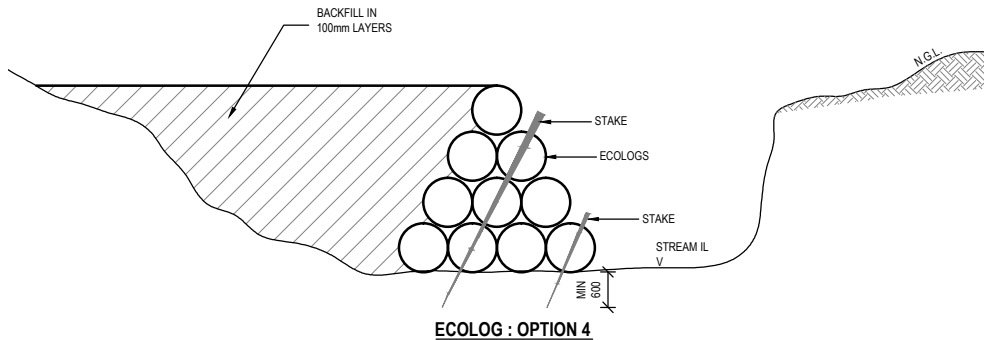
**ECOLOG : OPTION 1**



**ECOLOG : OPTION 2**



**ECOLOG : OPTION 3**



**ECOLOG : OPTION 4**

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**ECOLOGS:**

- WOODEN PEGS USED TO ANCHOR ECOLOGS ARE TO BE NO LESS THAN 40mm DIA AND 1000mm IN LENGTH.
- PEGS SHOULD PROTRUDE NO LESS THAN 60mm FROM THE SOIL @ 1000 c/c.

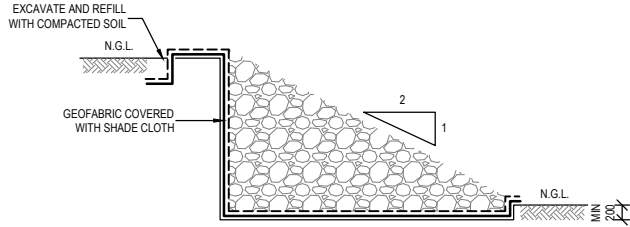
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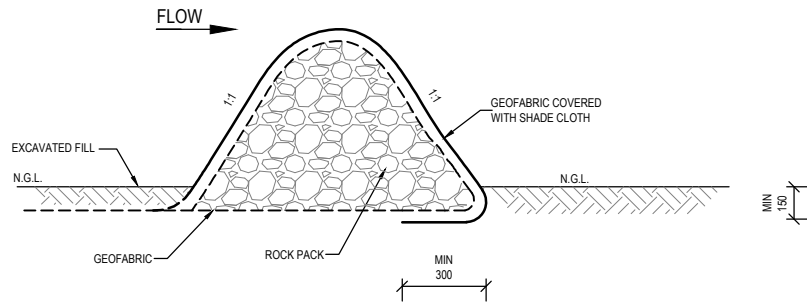
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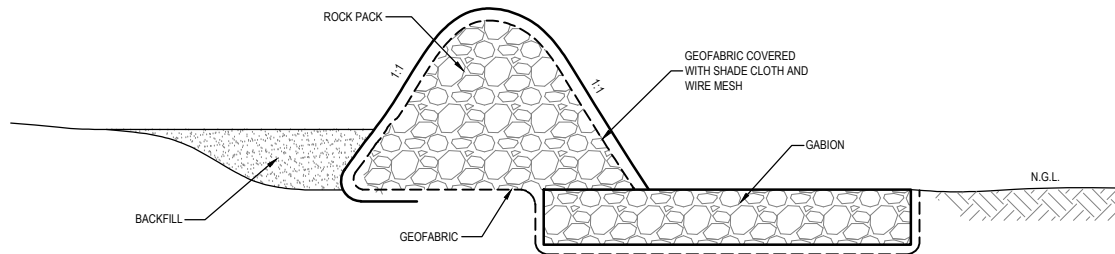
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**ROCK PACK : OPTION 1**



**ROCK PACK : OPTION 2**



**ROCK PACK : OPTION 3**

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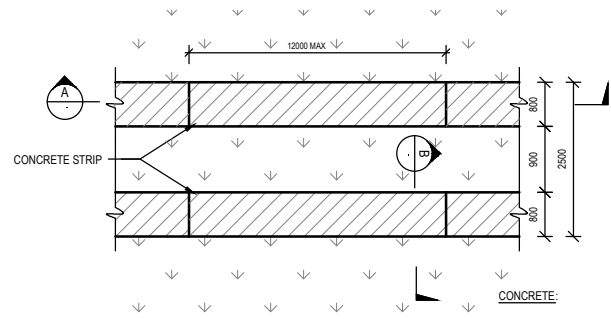
- ROCK PACKS:**
- 100mm -200mm STONE TO BE USED IN ROCK PACKS
  - STONE MUST BE NON-FRIABLE AND INSOLUBLE, e.g. GRANITE, BASALT, LIMESTONE OR SANDSTONE
  - ROCK PACKS PLACED ACROSS A STREAM TO BE TIED MIN 1m INTO EACH BANK.

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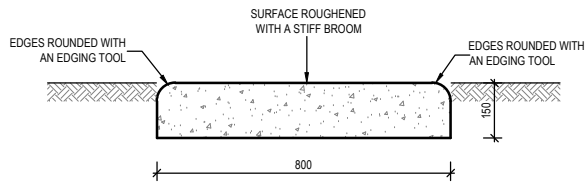
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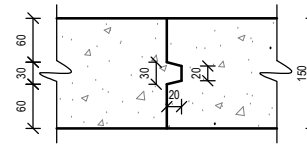


**PLAN OF CONCRETE STRIP**

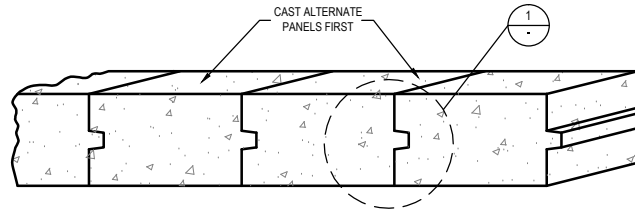


**SECTION B** (CONCRETE STRIP)  
1:20

- CONCRETE:**
- ALL BUTTRESS WEIR STRUCTURES TO USE MIN 20MPa CONCRETE MIX:  
1 BAG CEMENT  
95L SAND  
100L STONE  
27L WATER



**DETAIL 1** (SCHEMATIC VIEW OF JOINT BETWEEN PANELS)  
1:10



**SECTION A** (SCHEMATIC VIEW OF JOINT BETWEEN PANELS)  
1:10

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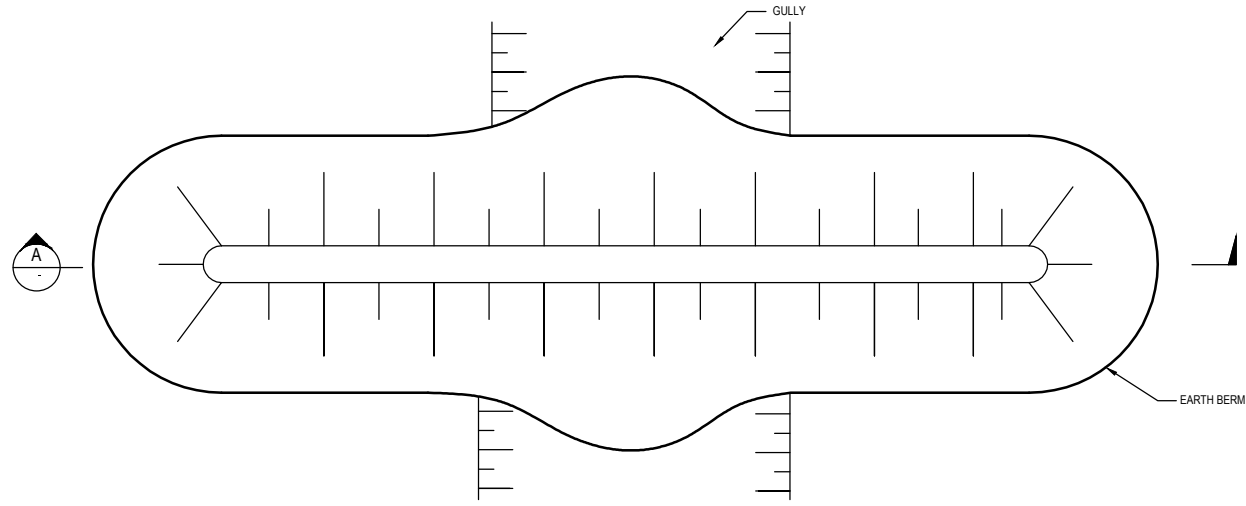
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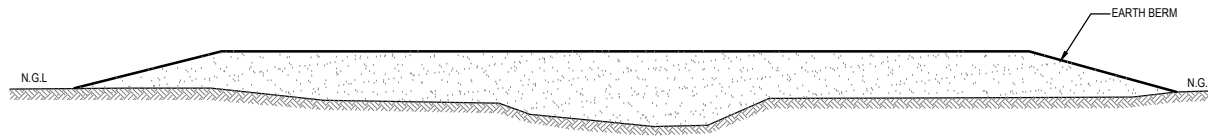
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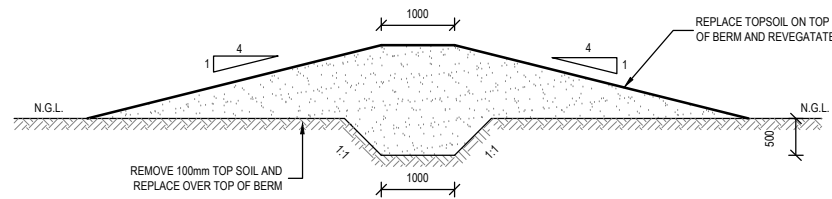
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**TYPICAL PLAN VIEW OF BERM**



**LONG SECTION THROUGH BERM**



**TYPICAL CROSS SECTION THROUGH BERM**

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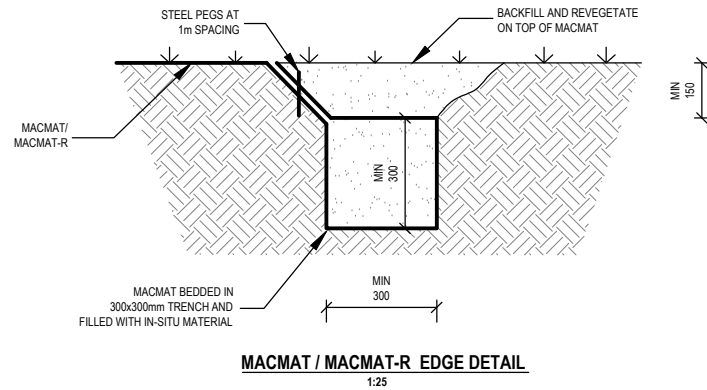
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# HARD OPTIONS



