

CHANNEL LINING / RIVER BANK PROTECTIONS

CUSTOMER INFORMATION

Company:			
Requested by:			
Tel.:	Fax:	E-mail:	
Project name:			Project N°:
Location:		City / State / Country:	

(*) MACCAFERRI INFORMATION

Originating office:	
Area Manager:	Project N°:

(*) DESIGN LEVEL

STANDARD REQUIRED

Level 1 (Conceptual Proposal)	Level 2 (Preliminary Suggestion)	Level 3 (Final Design)	
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HYDRAULIC PARAMETERS			
Discharge design	(Q)		m ³ /s
Maximum discharge	(Q _{max})		m ³ /s
Estimated max water level (if available)	(y)		m
River bed gradient (average value)	(i)		%
Allowable shear stress (if available)	(τ _{all})		N/m ²
Manning's coefficient (estimated value for the predominant covering)	(n)		

ELEVATION		
E ₁		m
E ₂		m
E ₃		m
E ₄		m

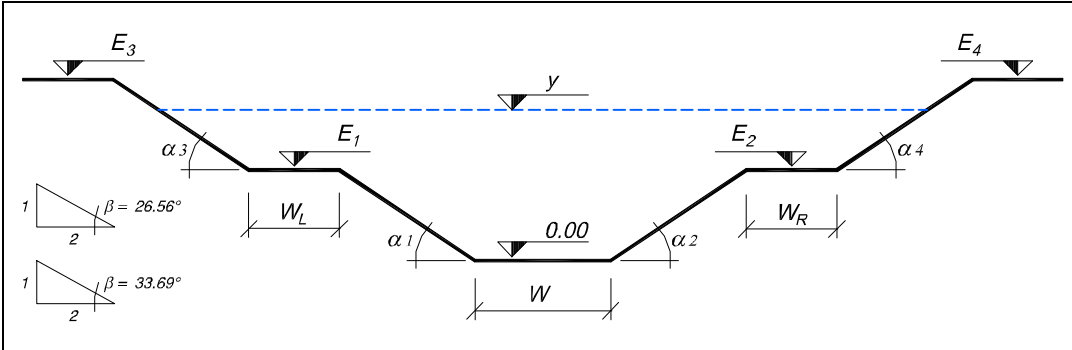
BANK SLOPES		
α ₁		°
α ₂		°
α ₃		°
α ₄		°

CHANNEL BED		
W		m
W _L		m
W _R		m

TYPE OF NATURAL SOIL (description)

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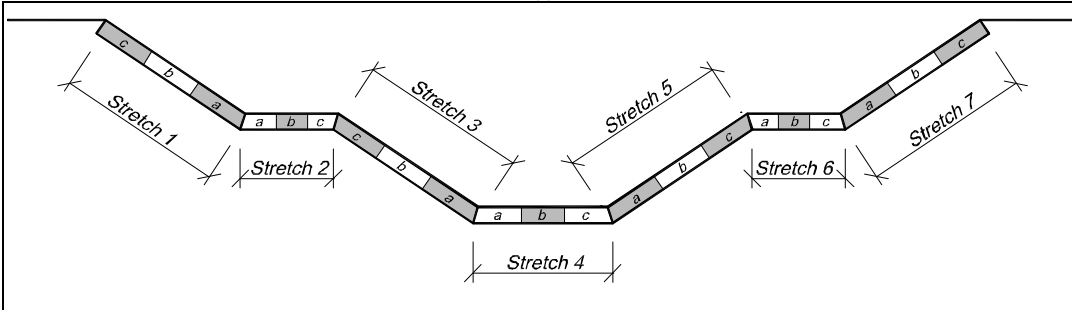
GEOMETRIC PARAMETERS



MATERIALS DATABASE

- 01 - Fine sand
- 02 - Sand and gravel
- 03 - Coarse gravel
- 04 - Cobbles and shingles
- 05 - Stiff Clay (cohesive)
- 06 - Shale (cohesive)
- 07 - Silts w/cobbles (cohesive)
- 08 - Grass mat
- 09 - Cutting shrubs
- 10 - Brush mat w/willow
- 11 - Riparian wattles
- 12 - Willow protections
- 13 - Gabion mat 0.30m
- 14 - Gabions 0.50m
- 15 - Gabions 1.00m
- 16 - Reno mattress 0.15-0.17m
- 17 - Reno mattress 0.15-0.17+Macmat R6
- 18 - Reno mattress 0.23-0.25m
- 19 - Reno mattress 0.23-0.25m+Macmat R6
- 20 - Reno mattress 0.30m
- 21 - Reno mattress 0.30m+Macmat R6
- 22 - Macmat R
- 23 - Riprap/Rock wall
- 24 - Articulated blocks

REVETMENT INFORMATION (Please indicate your suggestion)



	Stretch 01		Stretch 02		Stretch 03		Stretch 04		Stretch 05		Stretch 06		Stretch 07	
	Length	Material	Length	Material	Length	Material	Length	Material	Length	Material	Length	Material	Length	Material
a														
b														
c														

Each stretch should be detailed to show revetment materials (see "MATERIALS DATABASE") and its length (measured from the bottom upward for inclined stretches and from left to right for plane stretches). Please disregard the additional fields for stretches with only one revetment type.

PROJECT DESCRIPTION

(*) MACCAFERRI SUGGESTIONS (AREA MANAGER)

(*) ADDITIONAL INFORMATION

Section to be calculated	Section to be drawn	Only drawing without calculation	Maccaferri specs for drawings	Drawing template	Plan	Elevation	Bill of quantities
_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

Attachments:	File name:
Photos	_____
Site Investigations	_____
Drawings	_____

(*) For Maccaferri use only.

Maccaferri SA (Pty) Ltd

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