

1 2 3 4 5 6 7 8

A A

B B

C C

D D

E E

F F

G G

H H

I I

J J

K K

L L

TREATED PINE SAFETY BARRIER FENCE REFER TO 7251/08/206

200mm DEPTH OF TOPSOIL (AS PER MELBOURNE WATER SPEC), SOW DOWN WITH STERILE RYE CORN SEED PRIOR TO REVEGITATION FOR STABILISATION.

TOP OF BANK

COMPACTED FILL MATERIAL LESS THAN 20mm FCR OR CLAY (COMPACTED IN 100mm LAYERS) TO 98% DRY DENSITY.

400MM DIA MIN

ROCK FILL OR STRUCTURAL/CLAY MATERIAL COMPACTED IN 100MM LAYERS TO 98% DRY DENSITY.

BANK SLOPE  $\geq$  1:1.5

700MM DIA MIN

SELECT SINGLE SIZED ROCK PLACED TIGHTLY TO MINIMISE VOIDS

NWL

ERODED EXISTING SURFACE (SCOUR)

EXISTING STREAM BED SURFACE

EMBEDMENT LAYER 100MM MINUS GRADED QUARRY ROCK IN MIN 150MM THICK LAYER

TOE ROCK MIN 1.0m OR AS SPECIFIED (2/3 EMBEDDED BELOW SURFACE)

1/3

VOIDS INFILL/BEDDING/FILTER MATERIAL - 100mm MINUS WELL GRADED QUARRIED ROCK IN 150mm THICK LAYER (MIN)

TYPICAL ROCK BANK STABILISATION SINGLE SIZED ROCK FILL ABOVE

TREATED PINE SAFETY BARRIER FENCE REFER TO 7251/08/206

200mm DEPTH OF TOPSOIL (AS PER MELBOURNE WATER SPEC), SOW DOWN WITH STERILE RYE CORN SEED PRIOR TO REVEGITATION FOR STABILISATION.

TOP OF BANK

COMPACTED FILL MATERIAL LESS THAN 20mm FCR OR CLAY (COMPACTED IN 100mm LAYERS) TO 98% DRY DENSITY.

400mm DIA MIN

TYPICAL ROCK BANK STABILISATION SINGLE SIZED ROCK CUT ABOVE

NOTE:

- DEPENDING ON SCALE OF WORKS COMPACTION TESTING MAY BE REQUIRED
- ROCK SIZE GENERALLY MIN 2.5 TIMES THE MEDIAN SIZE (D50) OF THE MIXED ROCKWORK
- EXISTING WATERWAYS ONLY, NOT SUITABLE FOR DEVELOPERS SITES.

CONCEPT ONLY  
NOT TO SCALE

										TITLE ROCKWORK DRAWING BANK STABILISATION FOR batters > 1 IN 1.5 (EXISTING WATERWAYS ONLY - NOT DEVELOPERS SITES)			
A NOTATION AMENDMENTS		MW	-	MK		17/12/18	DRAFTER	DESIGNER	DESIGN MANAGER APPROVAL	PROJECT MANAGER APPROVAL	PROJECT DATUM	ORIGINAL SIZE	
REV	DESCRIPTION	COMPANY	PROJECT OR WO NUMBER	DRAWN	ENG. CHECK	PR. MAN. APP'D	DRAFTING CHECK	ENGINEERING REVIEW			SCALE		
										7251/08/102		A	
										CODE		MWC DRAWING NUMBER	REV

1 2 3 4 5 6 7 8