



H	H _R	W _R	Z
20	2	2	2.5
	5	5	2
25	5	5	2.5
	8	8	2

Notes:

- Slope(Z) is based on the stability analysis of a clay slope with $\phi = 25^\circ$, $C = 75\text{psf}$, and $\gamma = 115\text{pcf}$. F.S.=1.3 A site specific geotechnical analysis may result in determining that the soil parameters would allow for a steeper slope or require a flatter slope.
- Use a minimum slope of Z=4 if upper bank is predominantly sand.
- Geotextile may not be necessary if bank material is homogenous (uniform) clay ($PI > 10$).
- Extend live cuttings through riprap and graded bank to water table.
- Do not install live cuttings through geotextile if piping/sapping is a concern.

Conceptual Plan - Not for Construction

N.T.S.



Stone Toe Bank Protection – Cohesive Soils

Designed W. Anderson, J. Fripp Date 04/07
 Drawn J. Renteria 04/07
 Checked _____
 Approved _____

File Name
Cohesive-Soils.dwg
 Drawing Name
Cohesive Soils
 04/10/07
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