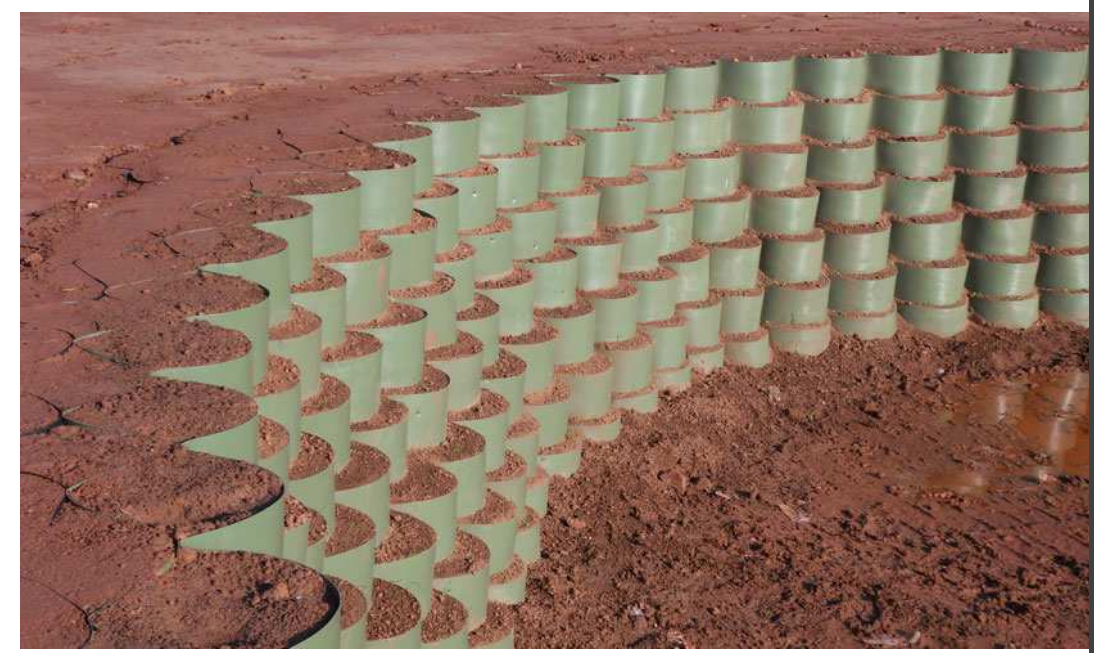


Panels are stepped back from the front face of the panels below by a specified amount depending on the required slope angle. A 100mm finished step-back equates to a 68° slope.



Webwall is a, flexible retaining wall system consisting of honeycomb polymer web panels that are filled with site-won soil or crushed stone, and stacked to the required height. A natural green face can be created by planting the front pockets and the angle of the face of the wall is determined by the amount of step back of each layer.

Webwall may be unreinforced (generally limited to retained heights of approximately 2 metres), or reinforced using geogrids to achieve greater height.

It is proposed to 'step' the wall system as the gradient increases, with a 'step back' of 100mm creating a wall with a slope of 68 degrees.

The height of each panel is 250mm, to acheive a wall height of 1.8m will require 8 layers at the maxium elevation i.e. the top of the mound.

A set back between levels of 100mm will result in an incursion into the RPA of 2,050mm (1250 + (8 x 100)), back from the final path edge.

The path is 3.7m from the centre of the tree stem. Given the stepped layering of the grids the installation will require excavating (at its closest point) to within 2.2m of the tree centre

Tree Number  
Root Protection Area  
Crown Spread

Category 'A' Category 'B' Category 'C' Category 'U'

0 8m

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**Proposed development - Upper Parliament Street, Liverpool**

SCALE :  
1 : 100 @ A2

DATE :  
15/11/2017

MAP FILENAME :  
DTCL 119.1.AIA.07 Rev A - Retaining Wall Detail

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