**Geogrid Reinforcement**

Existing ground to be cut to a safe inclination by Contractor. Site trials to be undertaken to ascertain safe inclination.

600x250mm Levelling Pad using compacted DoT Type 1 Sub-base

**Foundation Soils** to be assessed for adequate bearing/settlement on receipt of suitable Site Investigation. Foundation treatment could be required if unsuitable

**TYPICAL SECTION FOR A 4.0m RETAINED HEIGHT ANCHOR VERTICA WALL**

- Horizontal Retained Ground
- Vertical Ground in front of wall
- Paragrid 50/15

Barrier details and foundation by Engineer. Upper geogrid cut locally to accommodate concrete barrier post

4-20mm crushed aggregate to BS EN 1262 300 thick, to end 500mm from top of wall. A separation geotextile maybe required if an open graded (single size) drainage stone is used instead

Well graded granular fill (Max 75mm particle Size) compacted in max 200mm layers

457 long x 200 ht x 280dp Vertica Blocks (nom. 7.3° face from vertical)

150mm dia semi perforated pipe wrapped in geotextile

Min 2.8m Long

Min 450mm Embedment

600x250mm Levelling Pad using compacted DoT Type 1 Sub-base

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