



CONCEPT/NOT FOR CONSTRUCTION

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

Vertical Capping Units glued with suitable construction adhesive

200 long x 380 ht x 300dp Full Landmark Blocks (nom. 4° face from Vertical)

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

Retained Height = 4.0m

Geogrid is positively connected to block using the locking bar

Geogrid Reinforcement

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

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

Horizontal Ground in front of wall

Landmark Half Block

Min 450mm Embedment

Half Landmark Foundation Block

150mm dia semi perforated pipe wrapped in geotextile

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

Min 3.2m Long

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



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TYPICAL SECTION FOR A 4.0m RETAINED HEIGHT LANDMARK WALL