200mm

Barrier details and
foundation by Engineer

Geogrid Reinforcement

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

600x150mm 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

CONCEPT/NOT FOR CONSTRUCTION

Max 1:3 upper slope
Vegetated slopes as steep as
65 degrees can be accommodated; please contact AG for further details

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

Min 2.5m Long

Min 450mm Embedment

150mm dia semi perforated
pipe wrapped in geotextile

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

Vertica Capping Units glued with suitable construction adhesive

ParaGrd 50/15

Vertica Capping Units

PA Retained Height = 3.0m

TYPICAL SECTION FOR A 3.0m RETAINED HEIGHT ANCHOR VERTICA WALL WITH 1:3 UPPER SLOPE