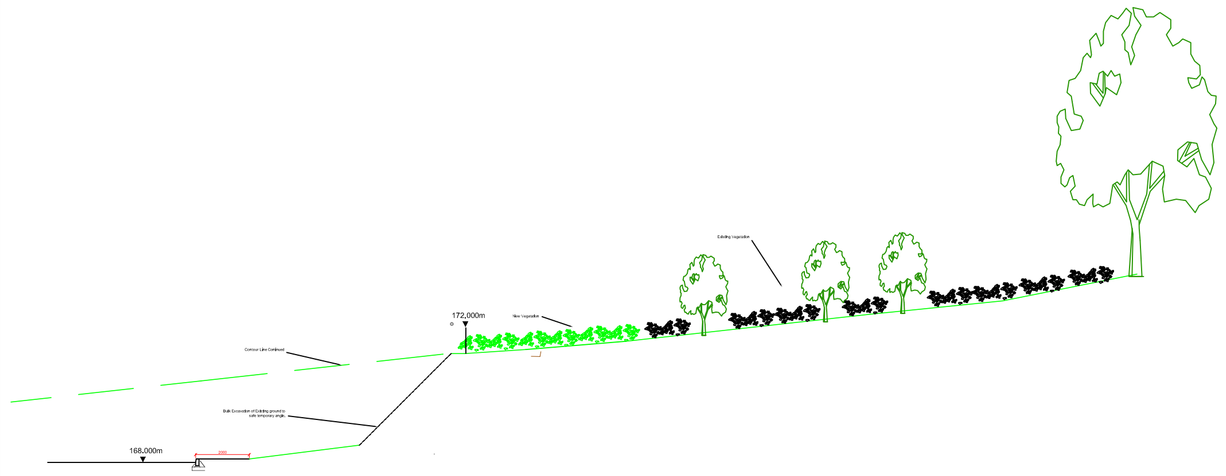
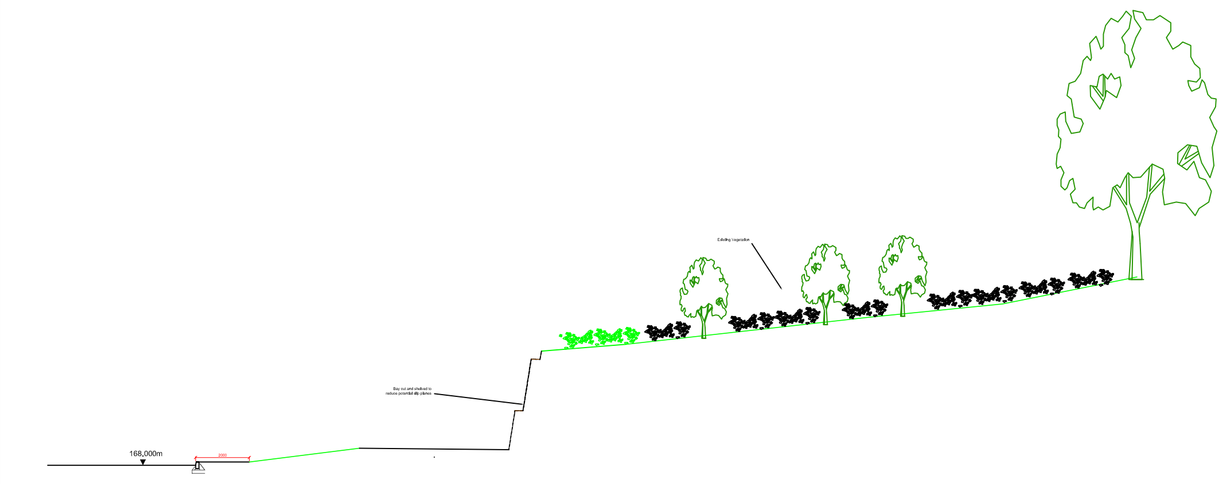
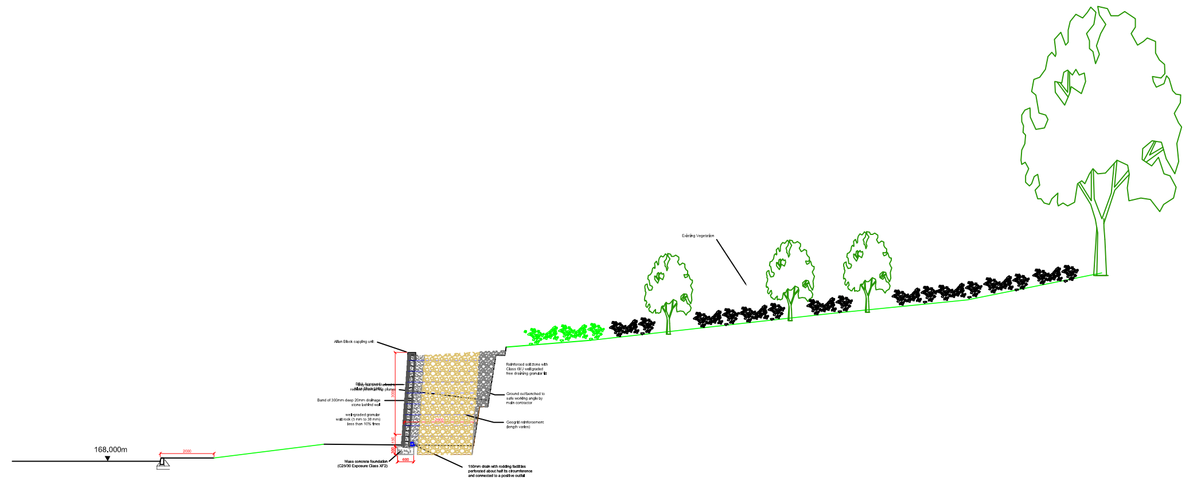


Stage 1 : Initial bulk excavation to safe temporary angle.

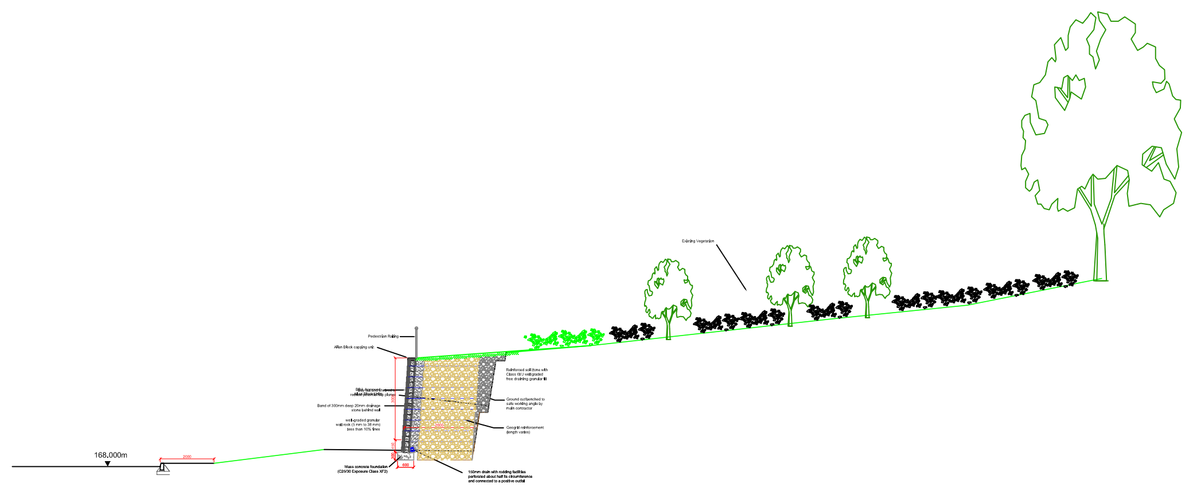


Stage 2 : First bay cut and shelved to accommodate wall structure

Stage 3 : Set concrete foundation and blocks in semi dry concrete.



Stage 4 : Build wall by placing and compacting granular fill within geogird layers.



Stage 5 : Place fences and reinstate slope

Stage 6 : Landscape and plant infront and behind wall.

Installation Notes:

1. Foundations steps are in accordance with block height & unit length (455mm x 200mm)
2. Neither overall wall heigth or individual course height should exceed details shown
3. Infill material between the voids and extended 300mm immediately behind the Facing units to be filled with a 20mm crushed stone
4. Approved backfill material to be a well graded granular material Class 6I/J material.
5. Place and compact the backfill in layers of thickness suitable to the compaction plant
6. The plant recommended for use within 2 metres of the back of the facing shall be restricted to:

   Vibrating rollers less than 1000Kg
   Vibrating plate not greater than 100Kg
7. No site traffic should travel over geogrid reinforcement until a minimum of 100mm of backfill is placed
8. Concrete grade is to be C25/30
9. Any changes must be referred to Retain Solutions Ltd.

General Notes:

10. Drawing Copyright: Retain Solutions Ltd, 2012.
11. These drawings to read in conjunction with the Architect/Engineers drawings.
12. Sides of excavation (and any temporary earthworks profile) are to be inspected regularly to ensure they remain stable and unaffected by the
13. Ingress of water, ground water seepage or any other means. Work must be carried out under suitably safe conditions at all times.
14. All services in the area of the works to be located and clearly marked prior to work commencing.
15. The design shown in this drawing has been prepared in accordance with the soil and ground water reports. In the event of any change of these noted conditions, the Engineer and Retain Solutions Ltd must be notified immediately.
16. Construction to be in accordance with the installation instructions and specifications supplied by Retain Solutions Ltd.
17. All dimensions shown are in millimetres (unless otherwise stated).
18. Any Fence/Barrier foundations should be designed self-stable, by others. Localised Excavation may be carried out to install Individual Fence Footings. Any Geogrids should be cut by hand locally only.

Legend:

Roads & Bridges
BBA Approved Allan Block Unit
Compacted Stone
Concrete Foundation (C25/30)
Proposed Ground Level

Status	Date	Revision	Drawn	Check	Approved

Key - Issue Status

DFT - Draft Issue **PLM - Preliminary Issue** **APP - Issue for Approval**
TDR - Issue for Tender **CON - Issue for Construction** **REC - Issue for Record**

Title:

RETAINING WALL CONSTRUCTION SEQUENCE

Product:

ALLAN BLOCK

Client:

BARRATT HOMES

Project:

LAWLEY VILLAGE GROUP

Architect/Engineer:

RETAIN Reinforcing Nature

Project No. 18152
Dwg No. 06
Revision:
Scale:

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