

**Client:** Andrew Johnson. 29 Melloway road, Rushden, Northamptonshire NN10 6XX

**Site address:** Plot 1 (Hillside) Glannant place, Cwmgwrach, SA11 5TE

**Document issue date:** 11/05/2022

**Site contact:** Andrew Johnson 0718999010

**Completion date:** Prior to occupation of dwelling.

### **Gabion Basket Wall Installation Method Statement**

This procedure defines the requirements for Gabion basket installation works, including landscaping.

Where multiple activities are scheduled, it will be reviewed in advance to prioritise the work schedule to allow the correct timescale of each scope of work.

Prior to any work commencing a hazard assessment will be conducted.

Prior to any work a site-specific risk assessment shall be conducted.

Site will have Heras fencing around perimeter of works.

Any hazards that are found during the assessment must be addressed prior to start on any work.

Tools and materials will be arranged:

- Gabion basket kits
- Wire ties and connectors
- Type 1 base material
- Stone to fill baskets
- PPE (gloves, boots, goggles, High vis, safety helmet etc)

### **Foundation Preparation for Gabion Basket Wall Installation**

The foundation on which the Gabions are to be placed shall be cut or filled, and graded to the correct levels.

Surface irregularities, loose material, vegetation, and all foreign matter shall be removed from foundation surface area.

250mm of Sub base will be compacted before installation of baskets to specified gradient.

### Gabions Baskets to be used

The type of basket to be used will be 3.2mm wire PVC coated baskets which will give a life expectancy of 120 years.

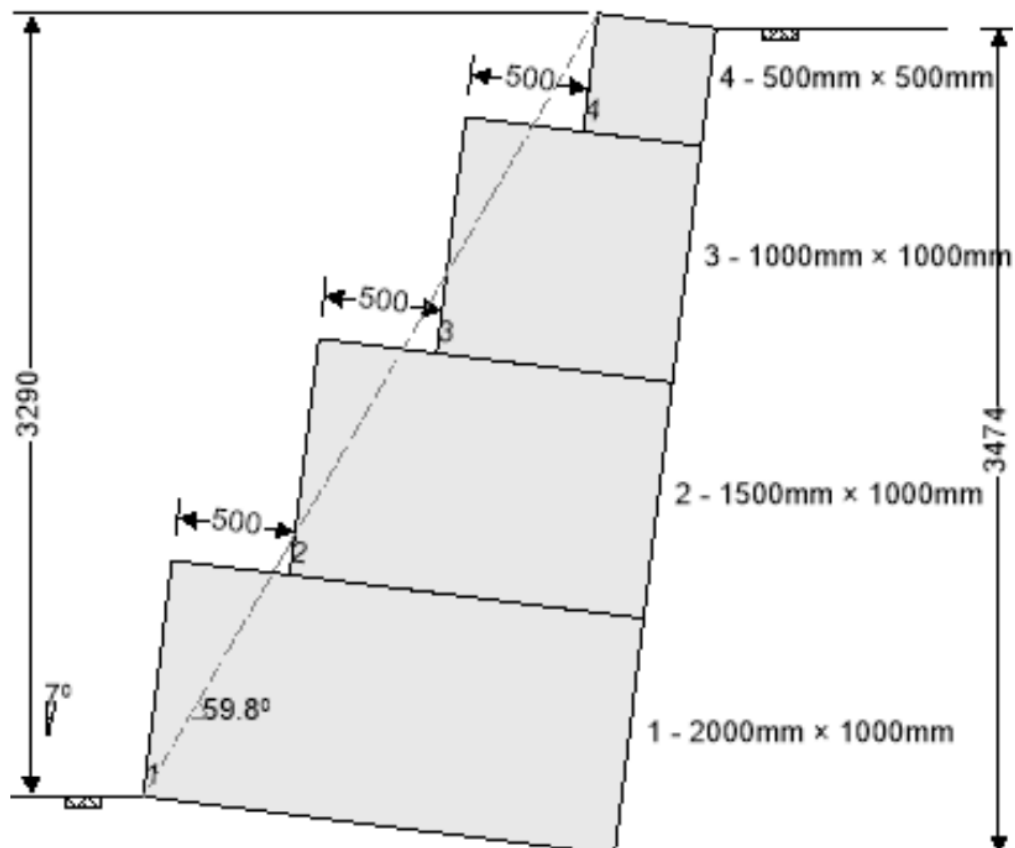
### Gabions Placement Procedure

Bottom layer empty Gabions will be constructed and placed on the sub base, and interconnections made to adjacent Gabions.

Positioning will be checked and confirmed prior to filling.

All necessary ties or lacing will be installed prior to filling and where needed during filling.

Lacing wire or preformed stiffeners may be used.



### Filling Of Gabion Baskets

The Gabions shall be carefully filled with rock, ensuring alignment, avoiding bulges, and providing a compact mass that minimizes voids.

Bottom layer Gabions shall be filled completely before higher layer Gabions are placed on top.

Gabions shall have Geotextile sheets added behind before back filling to prevent earth sediment loss.

Water drainage pipe shall be added behind the bottom layer of Gabion baskets to reduce water build up.

Gabions shall be backfilled with gravel / stones to allow drainage.

Ties shall be used to connect Gabions as they are added.

### **Gabion Basket wall height**

The overall wall height shall not exceed the specified height, but shall reduce where necessary.

Phasing-

**\*\***The builders who will complete the build of the Gabion Basket wall has not been assigned yet, this method statement is stand alone from the house build method statement. The retaining wall will be completed at the appropriate time prior to occupation.