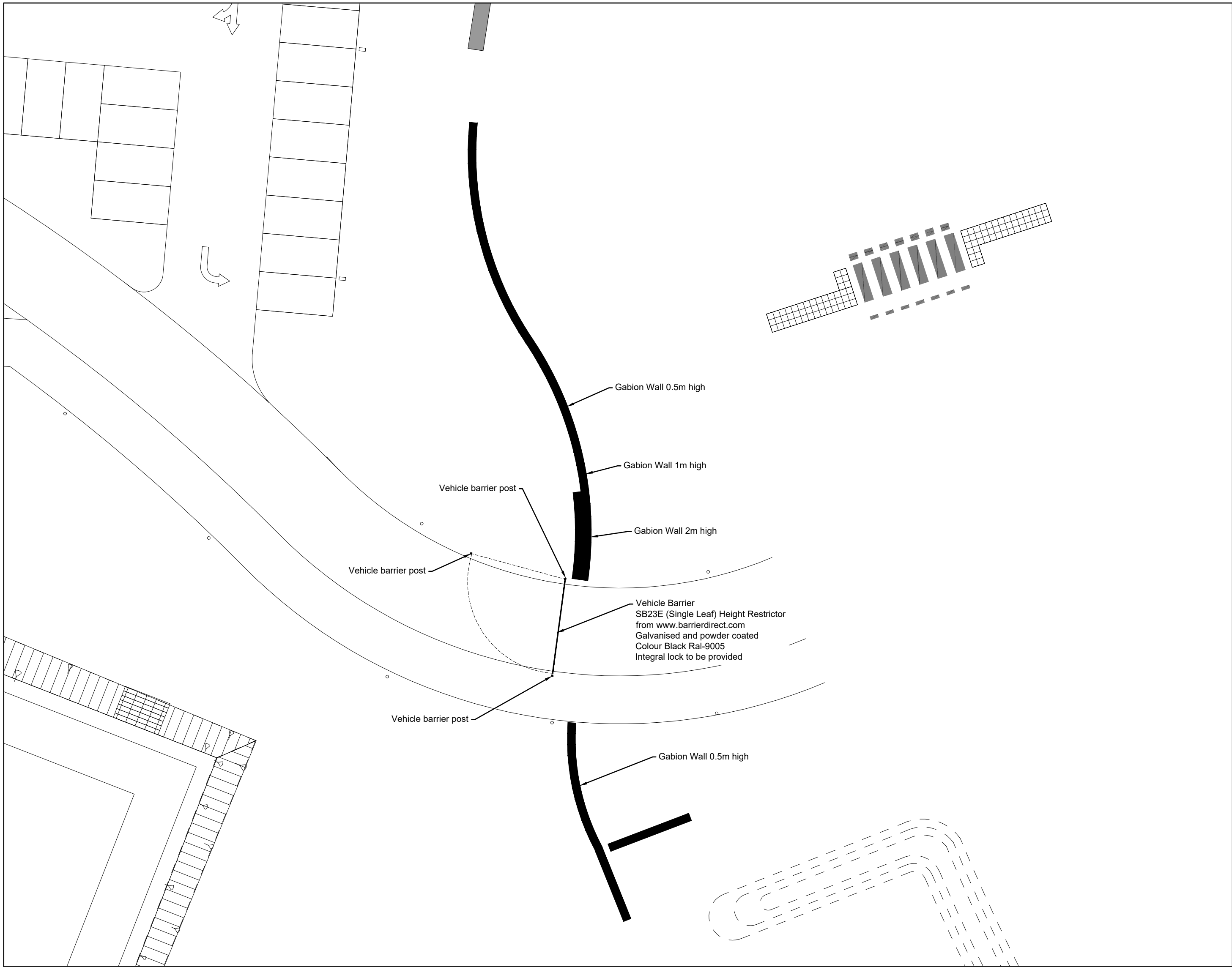




PLAN
(Scale 1:200)

REFER TO SEA DRAWING 00178/E41 FOR TYPICAL GABION WALLS SECTIONS AND DETAILS

GENERAL

Do not scale from this drawing.

All dimensions are in millimetres unless noted otherwise.

All setting out to architects drawings.

Drawing to be read in conjunction with all other SEA drawings and architects drawings.

This scheme has been designed using the survey information provided by others. It shall be the responsibility of the contractor to verify levels, boundaries etc prior to commencing any works on site. SEA Structural Engineers Ltd. shall not accept any responsibility for errors resulting from the survey.

All setting out to be in accordance with the Architect's drawings, the Contractor is to check all dimensions and levels prior to commencement of work and report any discrepancies to the Engineer, including any encountered during construction works.

All dimensions should be checked on site prior to construction. Please notify the Engineer of any discrepancies before commencing or continuing any work.

HEALTH, SAFETY & THE ENVIRONMENT

In accordance with the Health and Safety at Work etc Act 1973 and the Construction (Design and Management) Regulations 2015, designs and details on this drawing have been the subject of a Designers Risk Assessment, to identify risks in construction, use, or demolition of the scheme.

It is not considered necessary for Designers to highlight obvious and/or common risks (such as deep excavations, manual handling and working around heavy plant) which Contractors should be familiar with.

So as far as is reasonably practicable, risks inherent in the design have been eliminated. Where it has been considered that elimination of a risk (or part of a risk) is not reasonably practicable, it has been reduced.

Significant unusual residual risks are identified below, beside the measures which have been adopted to eliminate and/or reduce them:

- N/A

GABION WALL NOTES

All services on the area of the works are to be located and clearly marked prior to the works commencing.

Gabions are to be installed in accordance with manufacturer's instructions.

Gabion meshes shall be 3mm diameter and a welded mesh design, with a nominal 75x75mm opening.

All gabion panel intersections are to be laced with wire matching the gabion mesh. All wire shall be galvanized in compliance with BS EN 10244-2 and be coated with a minimum thickness of 0.55 mm of PVC for extruded coatings and 0.25 mm of PVC for bonded coatings. The PVC shall be capable of resisting effects of immersion in sea water, exposure to ultra violet light and abrasion, when tested for a period not less than 3000 hours in accordance with BS 2782:Part 5:Method 540B (ISO 4892).

Internal bracing wires are to be provided to exposed faces. Wire to match gabion mesh. Wire to be Provided at 1/3 and 2/3 gabion height for 1.0m high gabions and 1/2 height for 0.5m high gabions.

Gabion units shall be assembled in accordance with manufacturer's instructions and shall, where appropriate, be maintained square and with vertical sides during filling. Internal tie wires shall be inserted and units shall be tensioned in accordance with manufacturer's instructions.

All gabions shall be wired together with wire complying with BS1052 having a minimum core diameter of 2.0 mm. Horizontal bracing wires at 1/3 height increments are to be fixed and tightened by "Spanish" windlass to prevent bulging.

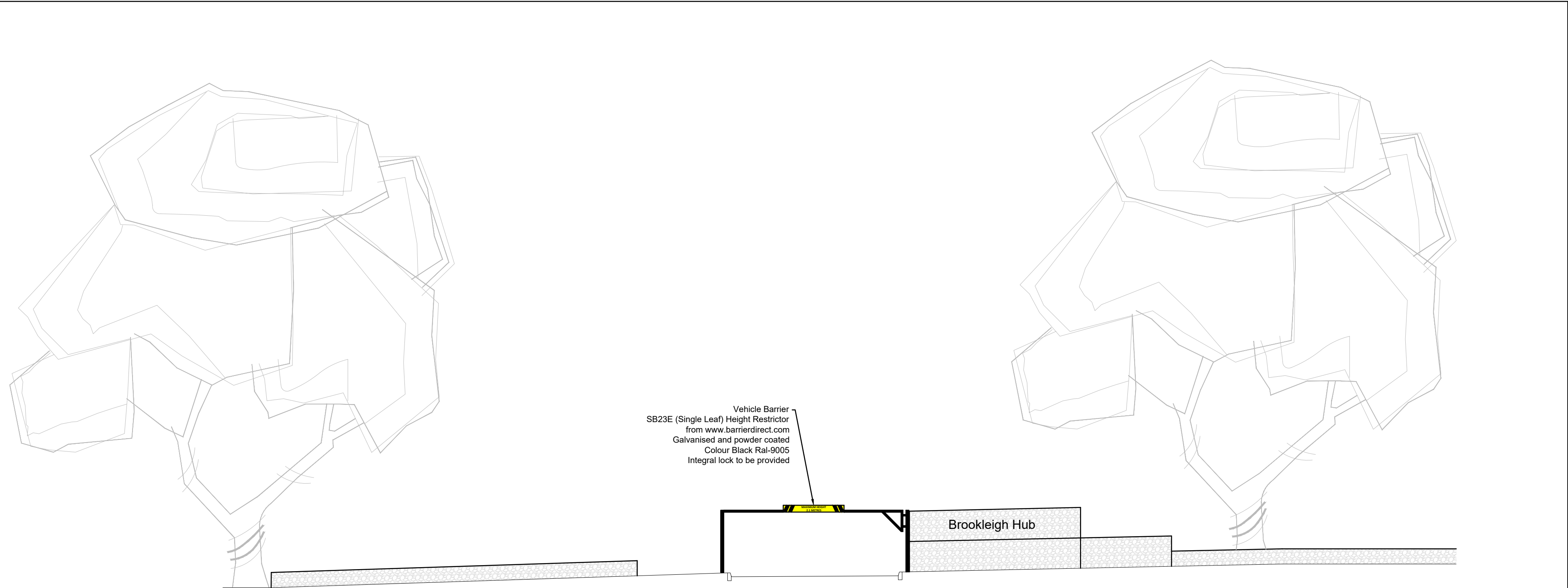
Gabions shall be sufficiently filled with Class 6G material complying with Table 6/1 of the Highways Agency Specification for Highways Works and any other requirements in Appendix 6/1, with an allowance for consolidation of fill, so as to minimise distortion during construction.

Fill generally shall be a clean regular rock, of 100-200mm size.

The maximum size of fill material shall not exceed two thirds of the minimum dimension of the gabion compartment or 200 mm, whichever is smaller.

Minimum size of fill shall be not less than the size of the mesh opening. Fill material shall have a Los Angeles coefficient not greater than 50.

Fill to the front face of the gabion shall be hand placed to give a high quality tightly finished 'dry stone wall' appearance. Mechanical equipment may only be used for filling gabion units provided that results are equivalent to filling by hand.



ELEVATION
(Scale 1:100)

B 10.03.25 WRA Height of barrier amended
A 10.03.25 WRA Barrier type amended

Rev. Date By Description

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PROJECT

BURGESS HILL
CENTRE FOR OUTDOOR SPORTS

DRAWING

SITE ENTRANCE LAYOUT AND
ELEVATION

SCALE: AS SHOWN @ A1 DATE: 24.09.24

DRAWN BY: WRA REV: B

STATUS: FOR APPROVAL

DWG No: 00178/E40

B