

W1: Galvanised steel post and wire fence

Alignment of fence: Fence to run between double staggered row of hedging.

Height: Overall height of top wire to be 900mm and to run parallel with finished ground level.

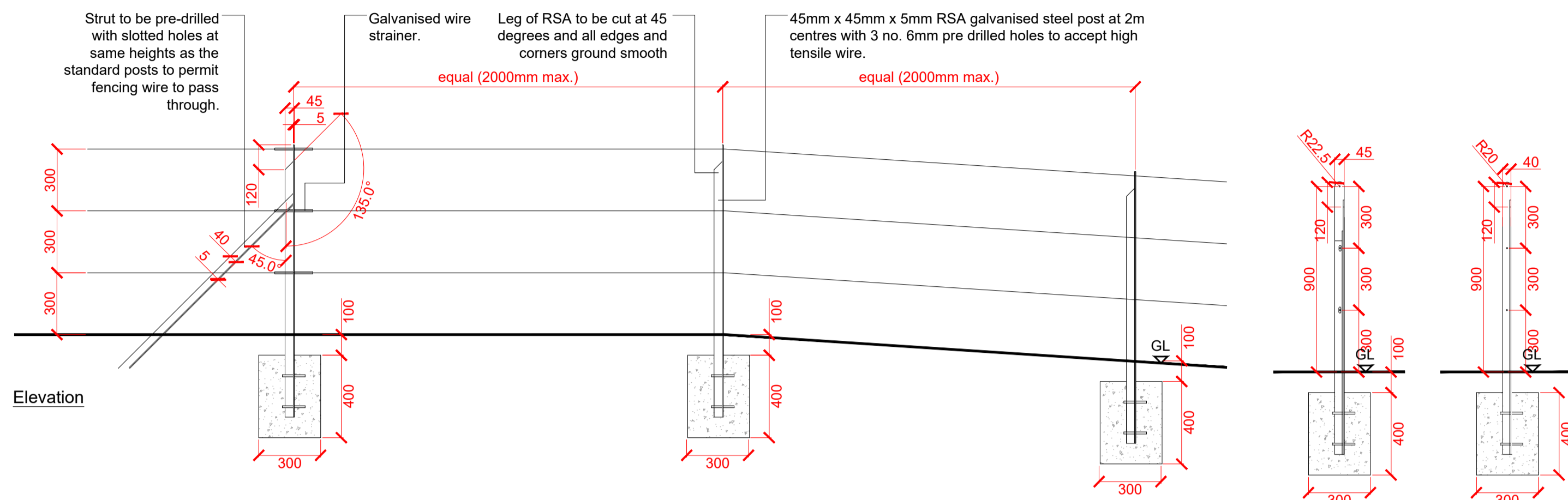
Straining/ Intermediate straining posts: Vertical 45mm x 45mm x 5mm RSA galvanised steel post at maximum 2m centres with 3 no. 6mm pre drilled holes to accept high tensile wire. Leg of rsa post to be cut at 45 degrees 120mm from top and all edges and corners ground smooth. 40mm x 40mm x 5mm RSA galvanised steel strut welded to uprights at 45 degrees prior to galvanising. Strut to be fitted in the direction of line of the fence. High tensile wires to pass through pre drilled slotted holes in strut. Straining posts to be located at all ends and corners, at acute changes in level and at intervals on the straight not exceeding 50m.

Intermediate posts: 40mm x 40mm x 6mm RSA galvanised steel post at 2m centres with 3 no. 6mm pre drilled holes to accept high tensile wire.

High tensile wires: 3 no. 3.15mm gauge, galvanised hard line wire. Strained with galvanised wire strainers in maximum 50m lengths.

Treatment and finish: All metalwork to be hot dip galvanised to BS EN ISO 3834-1:2005. Any damage to the galvanised finish is to be made good with zinc rich paint of at least equal thickness to the galvanising, all to BS EN ISO 14713:1999. All sharp edges to be ground smooth prior to galvanising. Sample to be provided prior to installation.

Foundations: Posts to have 2no 10mm diameter dowels through post in foundation. Foundation to be 300 x 300 x 400mm deep with C20 concrete.



W1 Galvanised Steel and Post and Wire Fence to Hedge

sheet DT02 Scale: 1 : 20

W3: 2m High Weld Mesh Fence

Dimensions: Overall fence height to be 2000mm.

Overall width of panels from centre posts 3540mm.

Materials: Fence components to be manufactured with steel to BS 4-1:2005 Structural Steel Sections.

Finish: Powder coated finish

Colour: Green

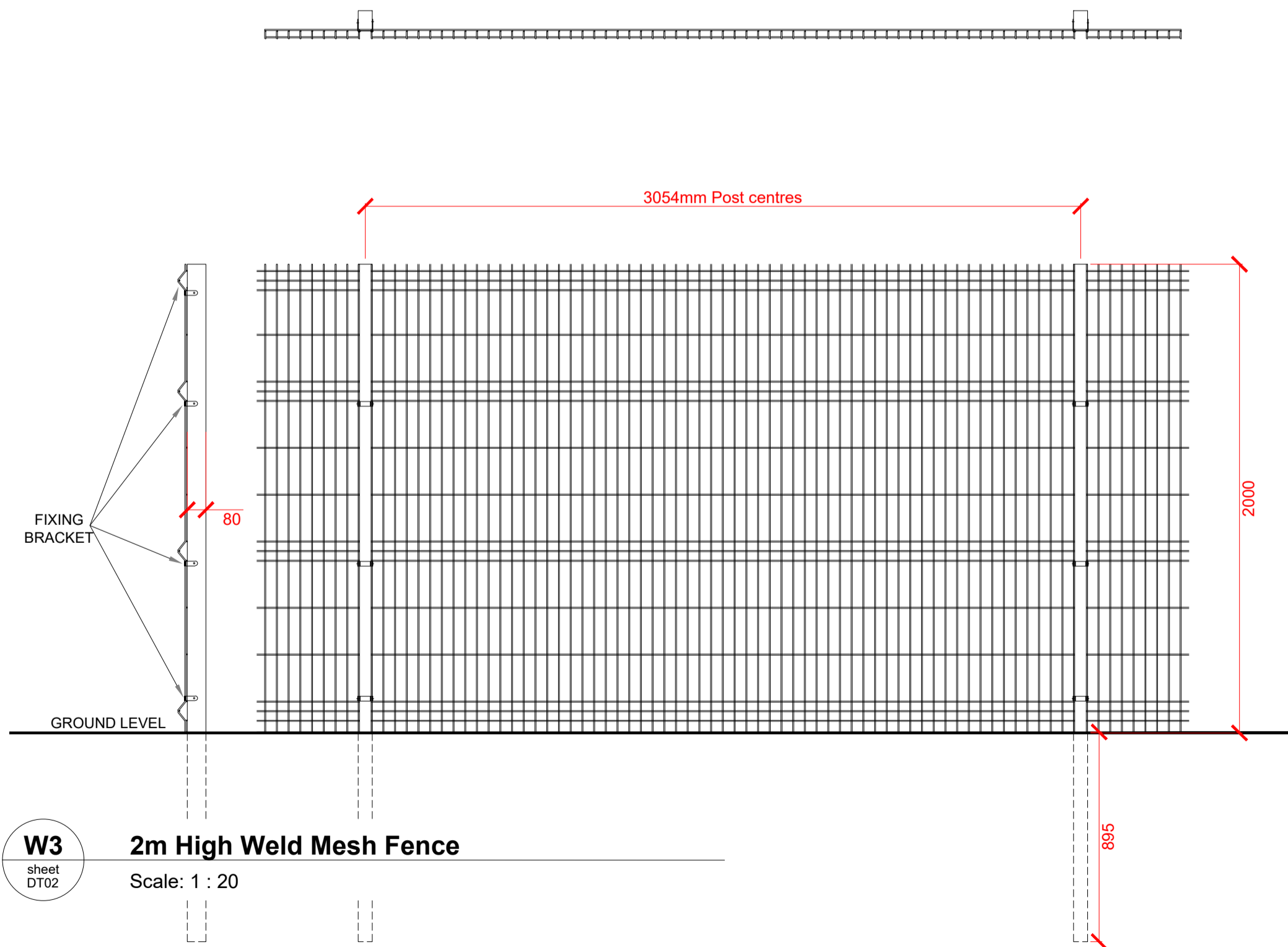
Earthing: The bottom rail in each panel on the gates shall have a 14mm clearance hole drilled approximately at the mid-point but in between pales.

The specialist sub-contractors will connect the earthing straps to the fence and gates.

On completion of the works, the Employer will connect and test the electrical earthing of fence and gates.

All to specialist sub-contractors detailed design and manufacturer. To be manufactured as per BS 1722-12:2006

Fences. Specification for steel palisade fences. Specialist sub-contractor to submit drawings for approval prior to manufacturer.



W3 2m High Weld Mesh Fence

sheet DT02 Scale: 1 : 20

W4: 2.4m High Security Fencing

Dimensions: Overall fence height to be 2400mm.

Overall width of panels from centre posts 3540mm.

Materials: Fence components to be manufactured with steel to BS 4-1:2005 Structural Steel Sections.

Finish: Powder coated finish

Colour: Green

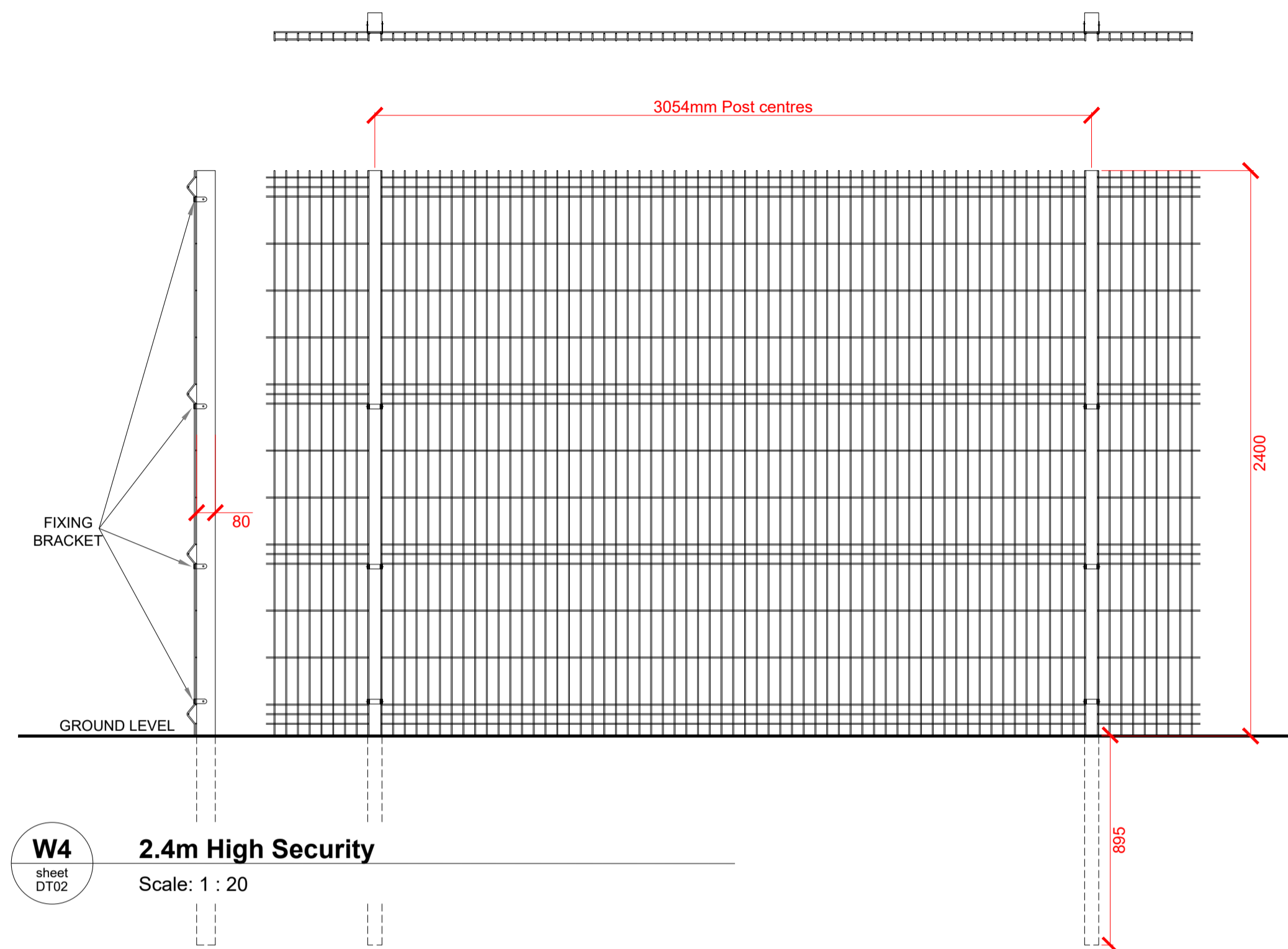
Earthing: The bottom rail in each panel on the gates shall have a 14mm clearance hole drilled approximately at the mid-point but in between pales.

The specialist sub-contractors will connect the earthing straps to the fence and gates.

On completion of the works, the Employer will connect and test the electrical earthing of fence and gates.

All to specialist sub-contractors detailed design and manufacturer. To be manufactured as per BS 1722-12:2006

Fences. Specification for steel palisade fences. Specialist sub-contractor to submit drawings for approval prior to manufacturer.



W4 2.4m High Security

sheet DT02 Scale: 1 : 20

G2: Gate in Steel Security Fencing

Dimensions: Overall gate heights to match adjacent fencing height.

Overall width of double road gates to match width of road, notionally 4m.

Road gates to open inwards

Materials: Posts: assessed to suit site location.

Rails: 60 x 40 RHS

Stiles: 60 x 60 SHS

Finish: Powder coated finish

Colour: Green

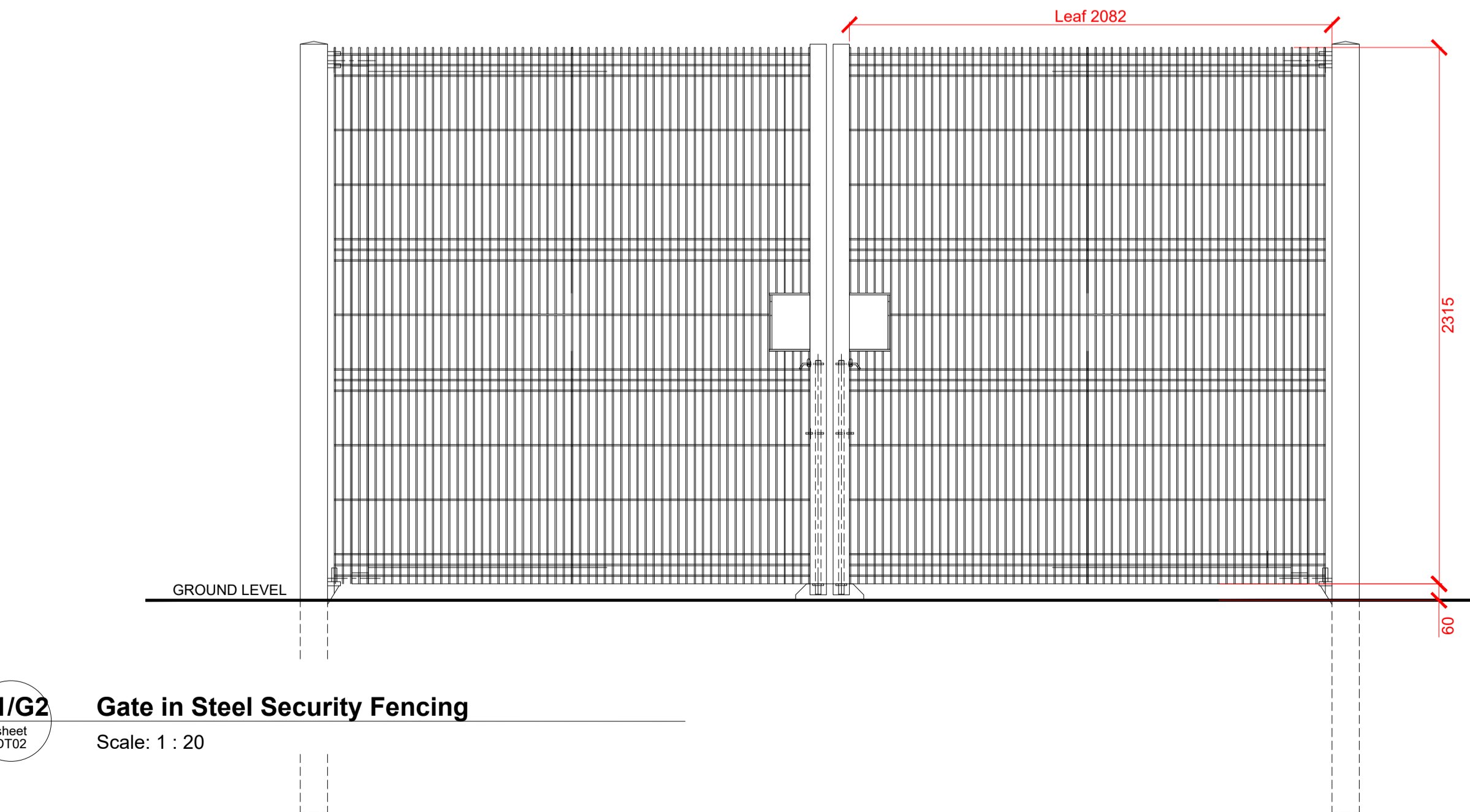
Earthing: The bottom rail in each panel on the gates shall have a 14mm clearance hole drilled approximately at the mid-point but in between pales.

The specialist sub-contractors will connect the earthing straps to the fence and gates.

On completion of the works, the Employer will connect and test the electrical earthing of fence and gates.

All to specialist sub-contractors detailed design and manufacturer. To be manufactured as per BS 1722-12:2006

Fences. Specification for steel palisade fences. Specialist sub-contractor to submit drawings for approval prior to manufacturer.



G1/G2 Gate in Steel Security Fencing

sheet DT02 Scale: 1 : 20

NOTES

1. This drawing is to be read in conjunction with all other drawings and specifications.
2. Do not scale off this drawing. Written dimensions to be taken only.
3. Any discrepancies found between this drawing and other drawings and specifications in the construction documents must be referred to the Landscape Architect prior to work commencing.
4. This drawing must not be copied in whole or in part without prior written consent of Optimised Environments Ltd.

DRAWING INFORMATION BASED UPON

Emapsite: © Crown copyright and database rights 2022 Ordnance Survey 0100031673.

OS OpenData: Contains OS data © Crown copyright and database right (2022).

Topographical Survey: Please reference surveyor's survey.

01	Issued for PLANNING	MS	27.09.2022
-	Draft Planning Submission	MS	06.09.2022
Issue	Revision	Initial	Date

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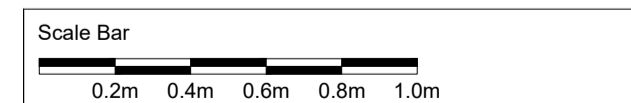
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Keltbray Developments Ltd

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Breakspare Road South
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Drawing Title
Details: Hard Landscape 02
DT02



Scale: **1:20@A1** Date: **September 2022**
By: **MS** Status: **PLANNING**
Checked: **CS** Approved: **PMAC**

Drawing Number
221723_OP_ICK_L_DT02 Rev
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