



ECMWF-Condition 13 Report – Security Fence and Gate Details

ECMWF-BDP-LA-ZZ-SP-L-003000

Revision - P04

15.08.24

REVISIONS

BDP Document No. ECMWF-BDP-LA-ZZ-SP-L-003000

NAME	REVISION	ISSUED	CHECKED	DATE	NOTES:
ECMWF - Condition 13 Report - Fences	P01	VK	LD	15.07.2024	Issued for planning
ECMWF - Condition 13 Report - Fences	P02	VK	LD	24.07.2024	Issued for planning
ECMWF - Condition 13 Report - Fences	P03	VK	LD	07.08.2024	Issued for planning
ECMWF - Condition 13 Report - Fences	P04	VK	LD	15.08.2024	Issued for planning



Masterplan Fence Locations



Proposed Fence - Q1: Overview



Detail Location Plan - Q1

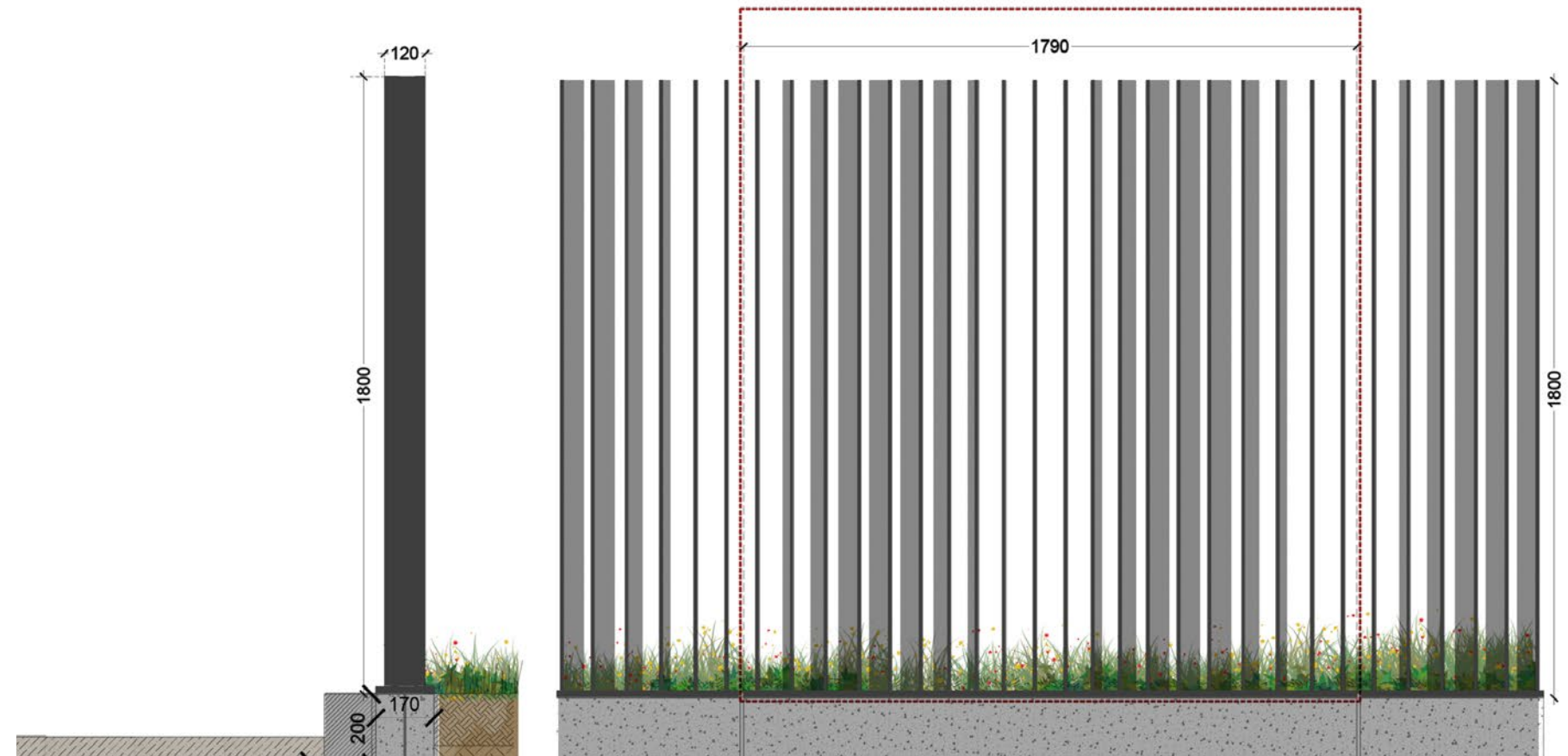
— Q1 Fence Line, 1.8m(h)

Panel size:
1800mm (h) x 1790mm (w)

Blade size:
1800mm (h) x 100mm (w) x 15mm thick,
90mm centres. Steel flats.

Colour:
Black RAL 9005

Base plated:
Bolted into concrete foundation.



Proposed Fence - Q1: Illustrative CGI



Detail Location Plan - Q1

— Q1 Fence Line, 1.8m(h)



Proposed Fence - Q1: Illustrative CGI



Detail Location Plan - Q1

— Q1 Fence Line, 1.8m(h)



Proposed Fence - Q1: Illustrative CGI



Detail Location Plan - Q1

— Q1 Fence Line, 1.8m(h)



Proposed Fence - Q2: Overview



Detail Location Plan - Q2

— Q2 Fence Line, 1.2m(h)

Panel size:

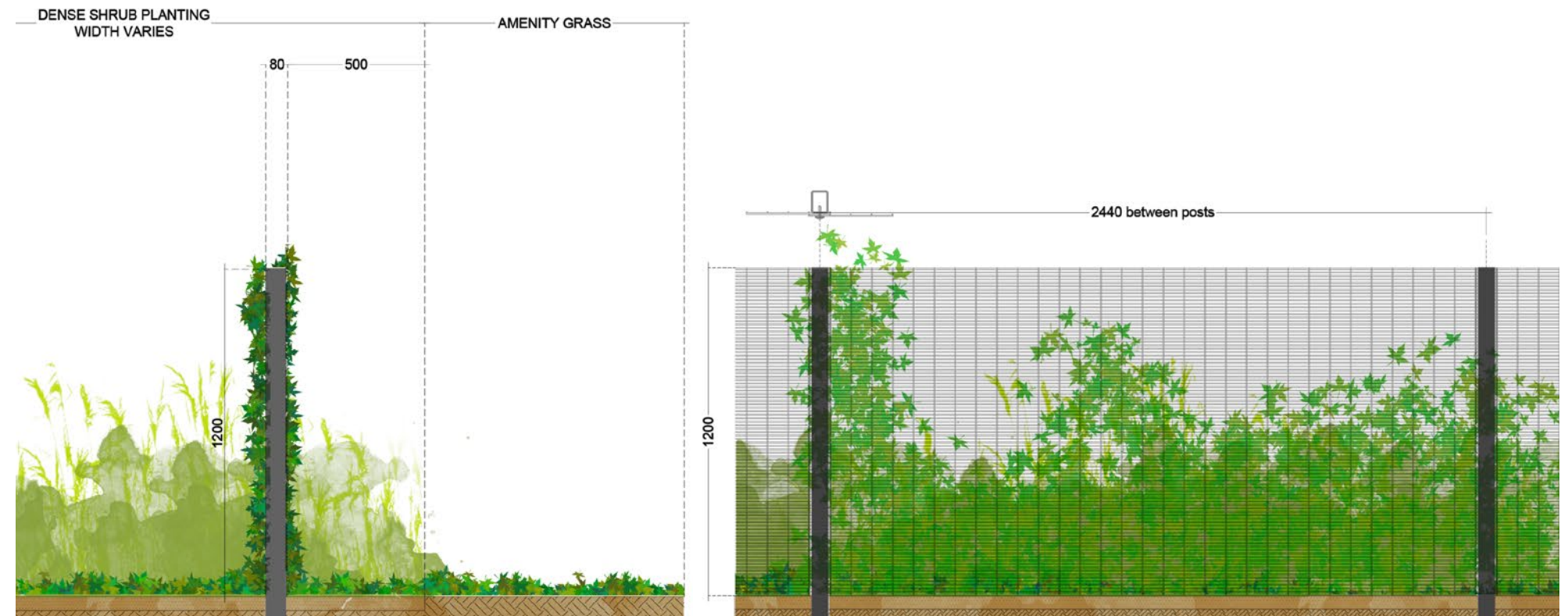
1200mm (h) x 2519mm (w) panels
2440mm between posts, to allow for mesh to overlap.

Material:

Galfan zinc alloy coated to BS EN 10244-2:2009 class A

Colour:

Black RAL 9005



Proposed Fence - Q2: Precedents



Detail Location Plan - Q2

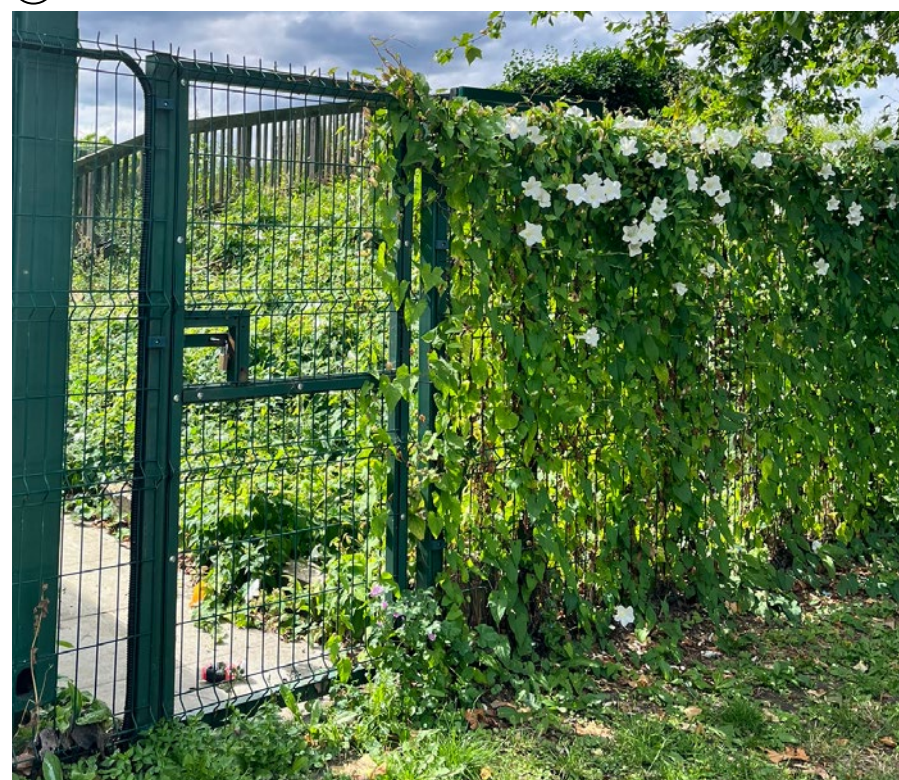
— Q2 Fence Line, 1.2m(h)



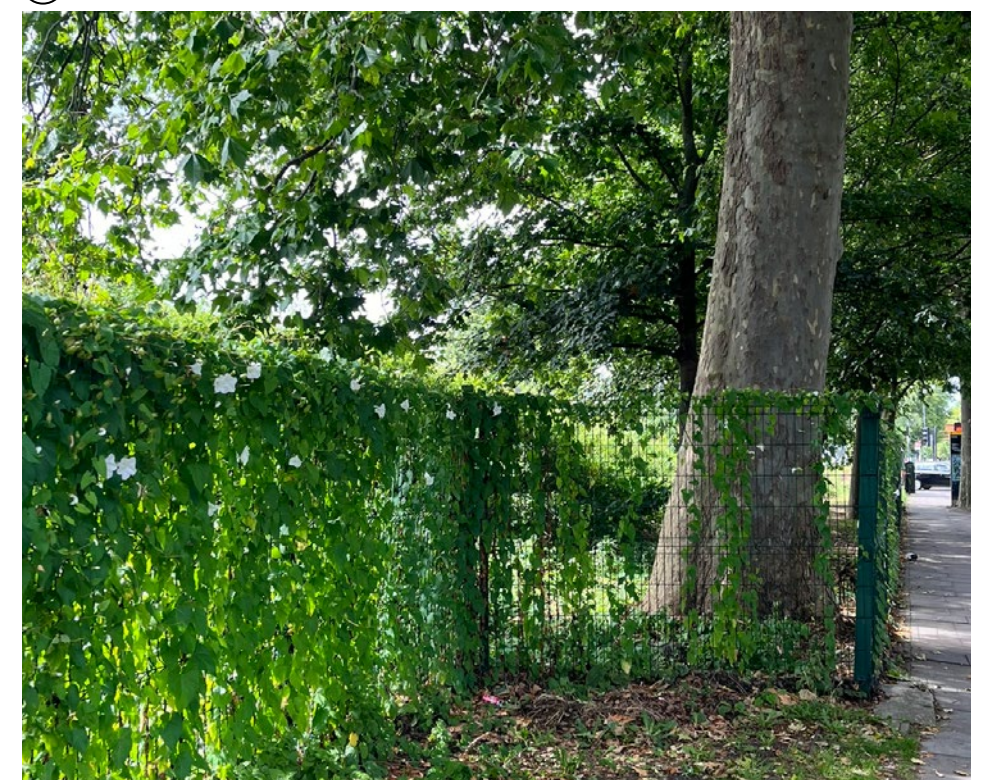
①



②



③



④

Note: Images for illustrative purposes only, Image 2 represents the fence product specified. All gates and fences will be Black RAL 9005.

Proposed Fence - Q2: Illustrative CGI



Detail Location Plan - Q2

— Q2 Fence Line, 1.2m(h)



Proposed Fence - Q3: Overview



Detail Location Plan - Q3

— Q3 Fence Line, 1.8m(h)

Panel size:

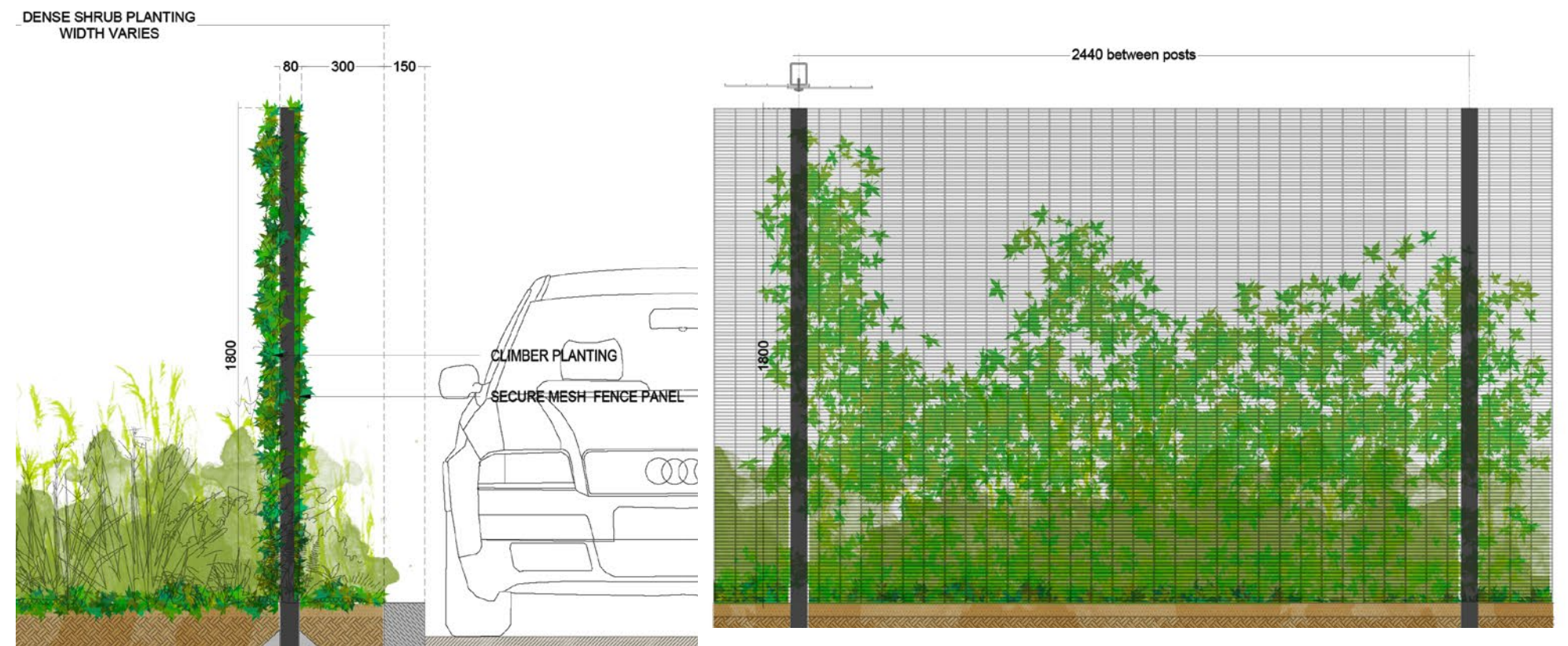
1800mm (h) x 2519mm (w) panels
2440mm between posts, to allow for mesh to overlap.

Material:

Galfan zinc alloy coated to BS EN 10244-2:2009 class A

Colour:

Black RAL 9005



Proposed Fence - Q3: Precedents



Detail Location Plan - Q3

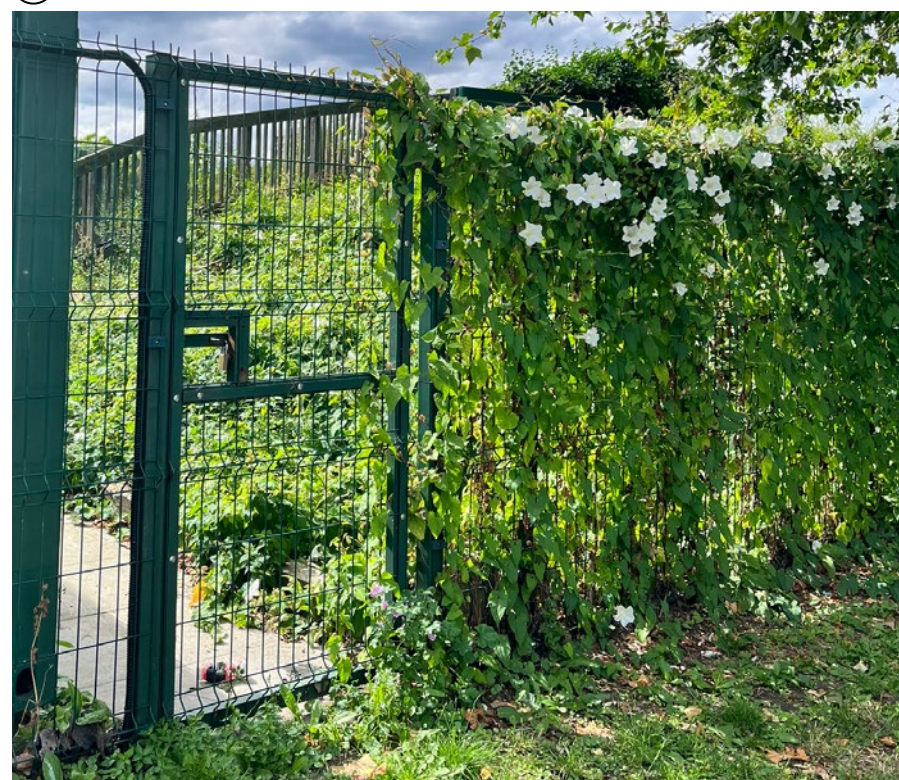
— Q3 Fence Line, 1.8m(h)



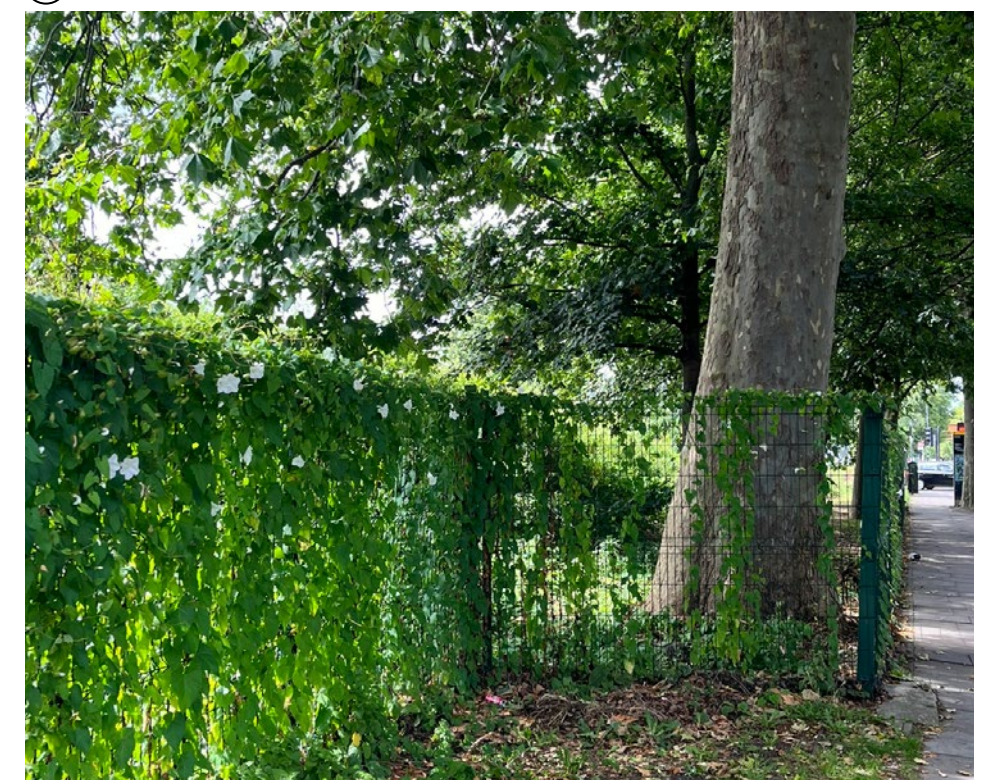
①



②



③



④

Note: Images for illustrative purposes only, Image 2 represents the fence product specified. All gates and fences will be Black RAL 9005.

Proposed Fence - Q3: Illustrative CGI



Detail Location Plan - Q3

— Q3 Fence Line, 1.8m(h)

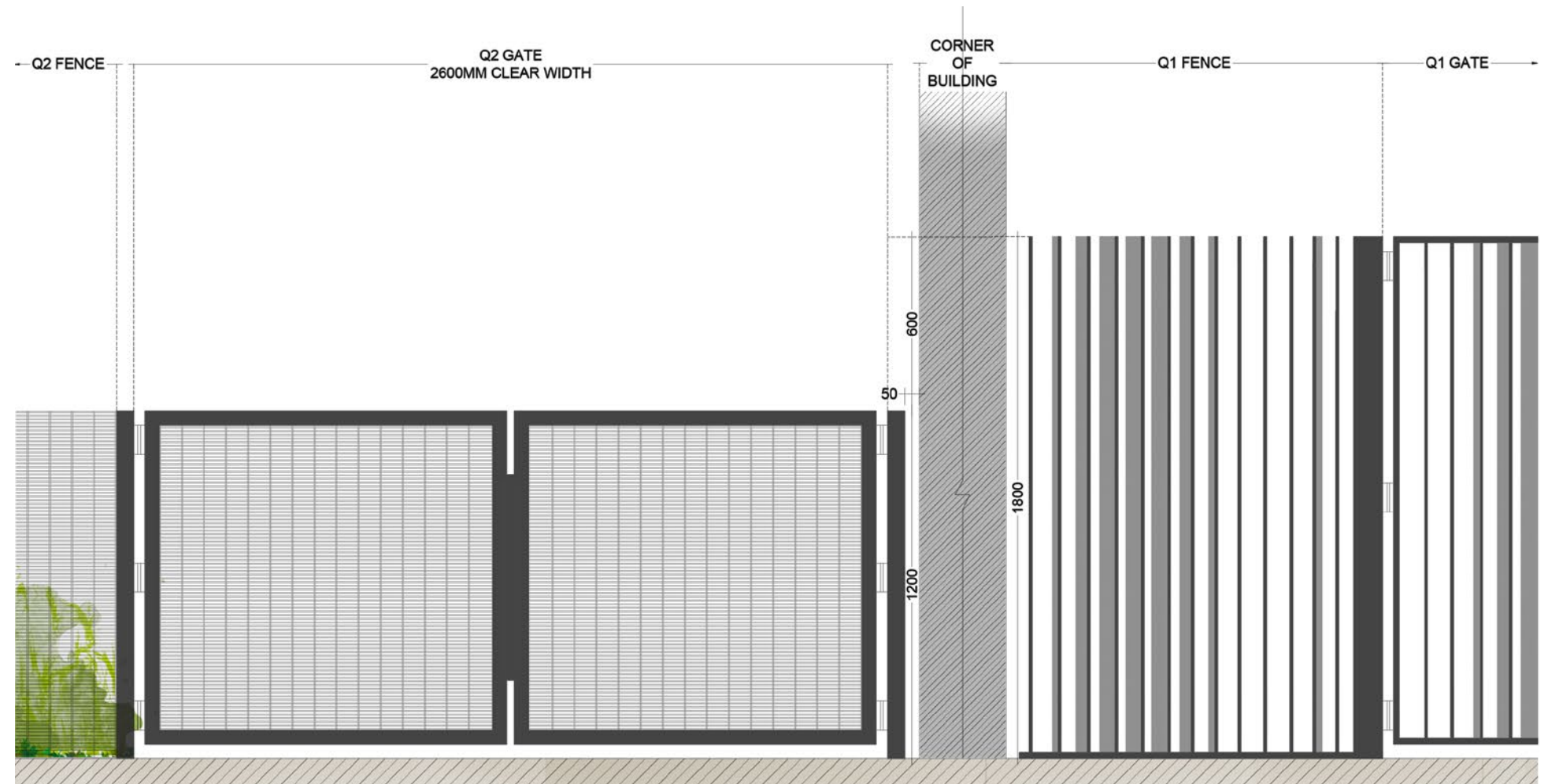


Proposed Fence Transitions- Q1 and Q2 at corner of building



Detail Location Plan - Q1 & Q2

- Q2 Fence Line, 1.2m(h)
- Q1 Fence Line, 1.8m(h)
- Q2 Gate location

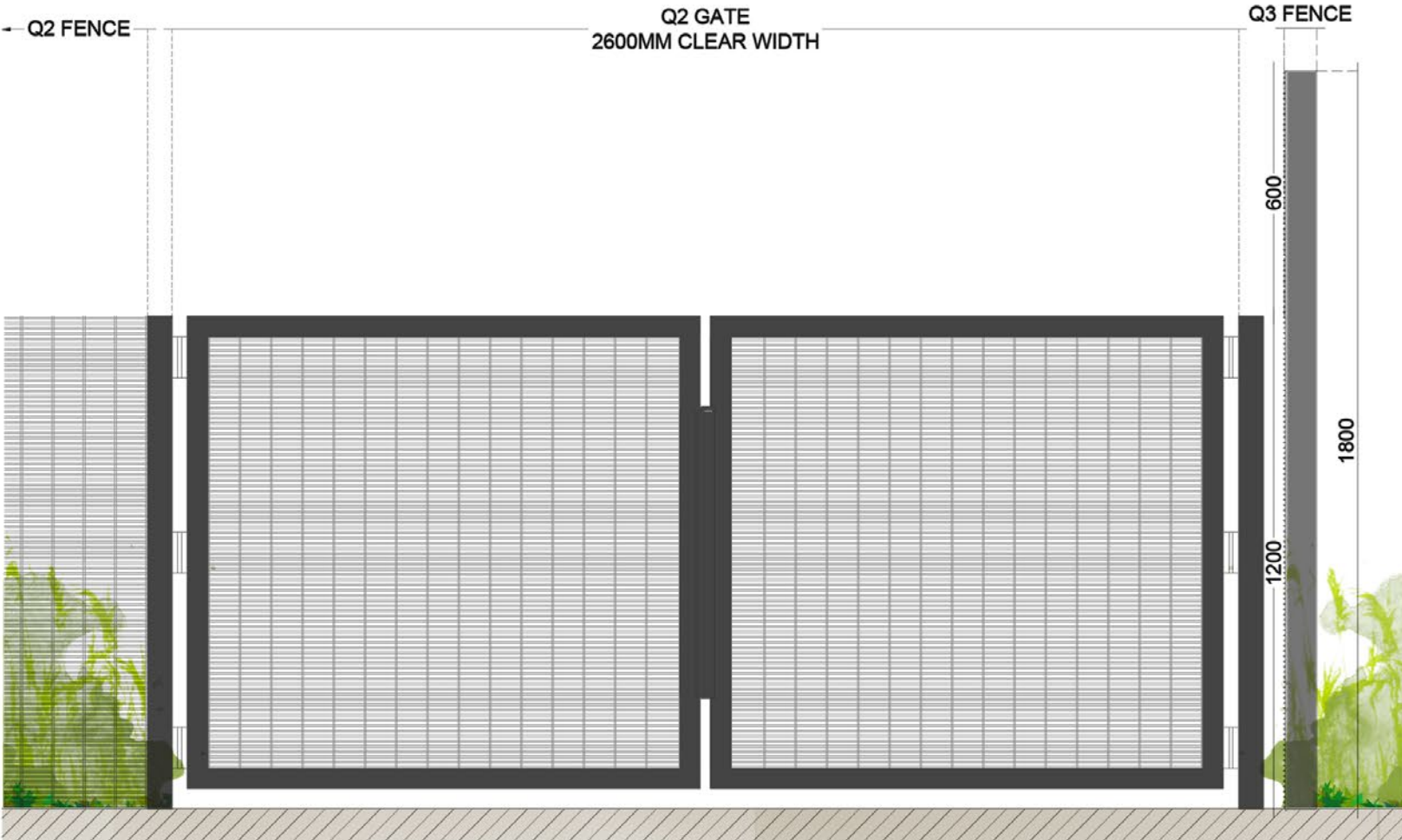


Proposed Fence Transitions- Q2 and Q3 at access gate



Detail Location Plan - Q2 & Q3

- Q1 Fence Line, 1.8m(h)
- Q3 Fence Line, 1.8m(h)
- Q2 Gate location

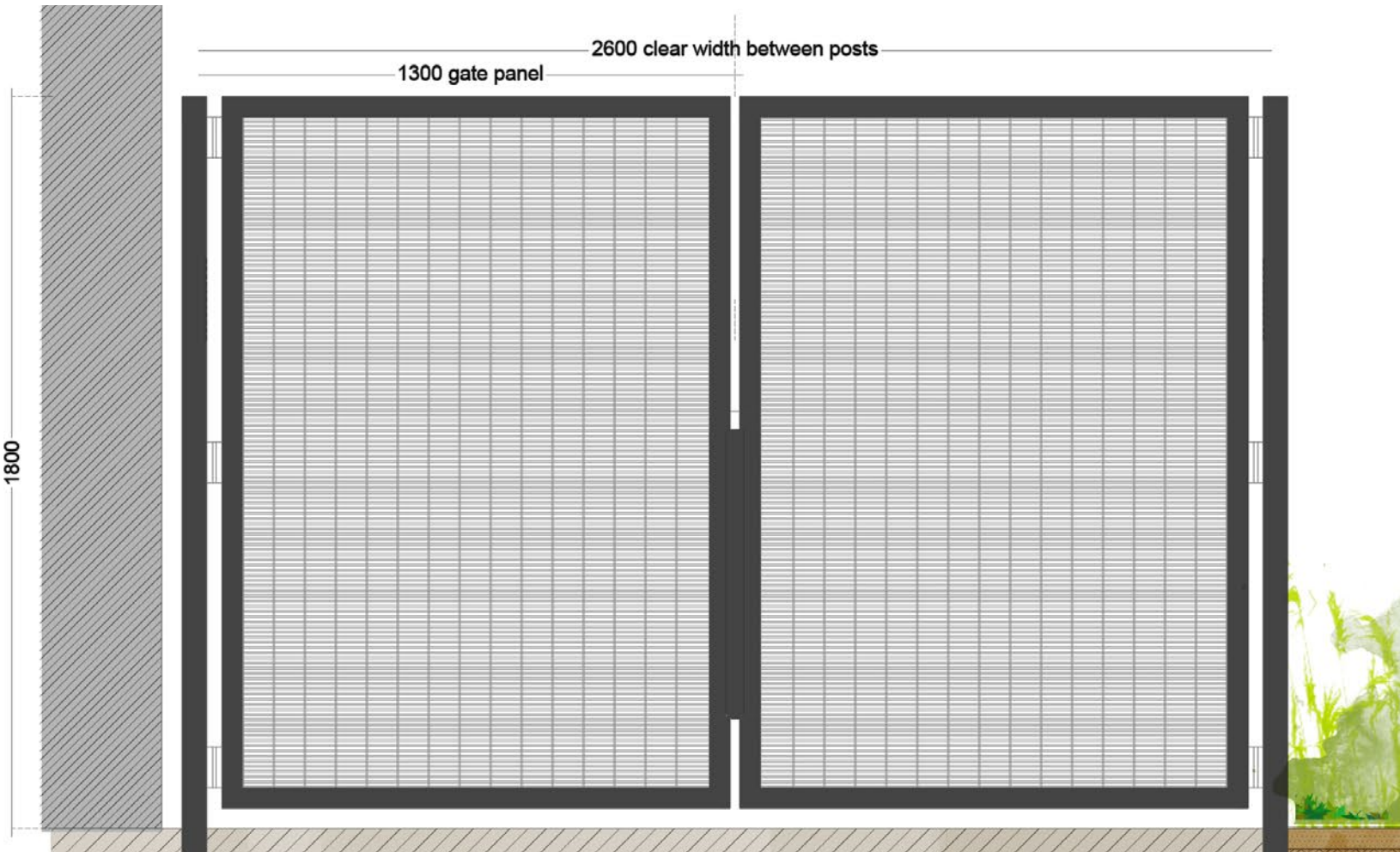


Proposed Fence Transitions- Q3 at corner of building



Detail Location Plan - Q2 & Q3

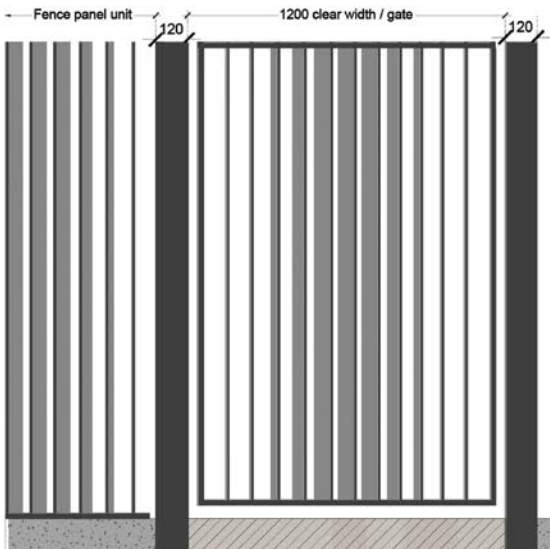
- Q1 Fence Line, 1.8m(h)
- Q3 Fence Line, 1.8m(h)
- Q3 Gate location



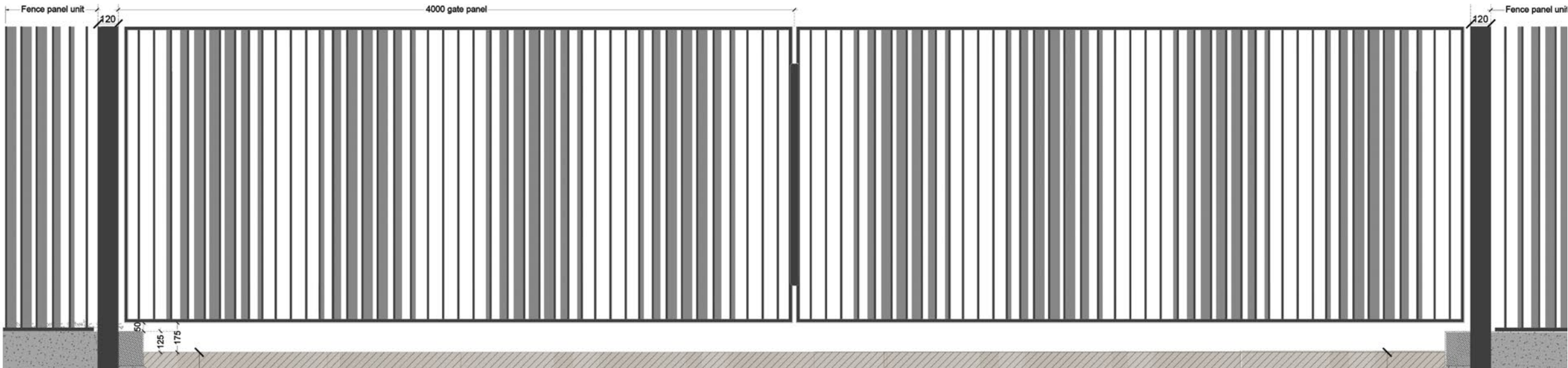
Proposed Gates - Q1



Detail Location Plan - Q1 Gates



⑤ Q1 Single Leaf, pedestrian gate, 1.8m(h)

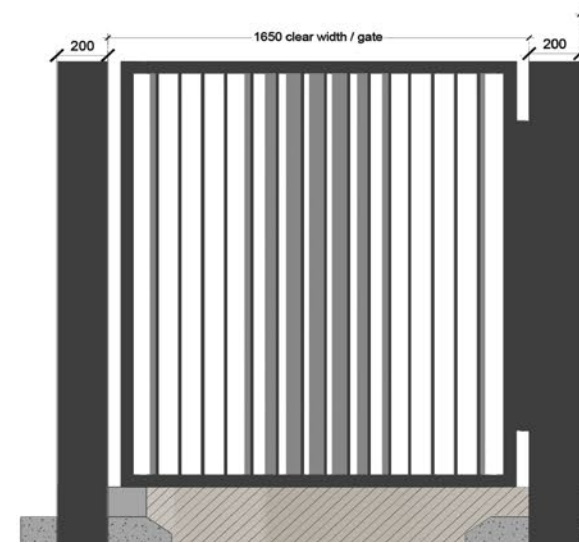


① ② Q1 Double Leaf, vehicular gate, 1.8m(h)

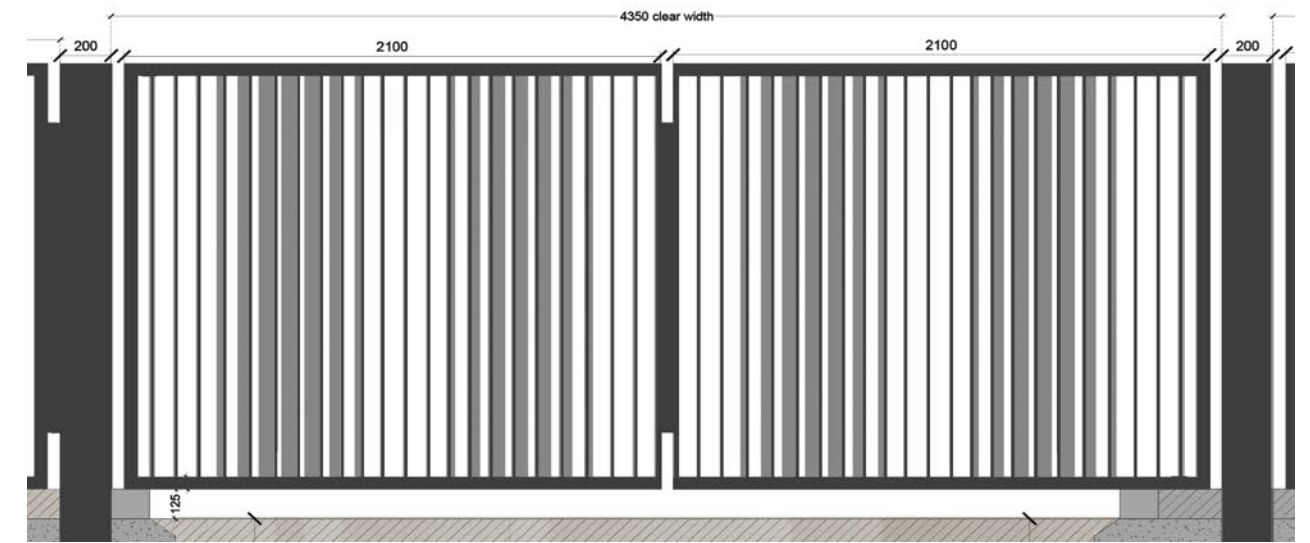
Proposed Gates - Q1



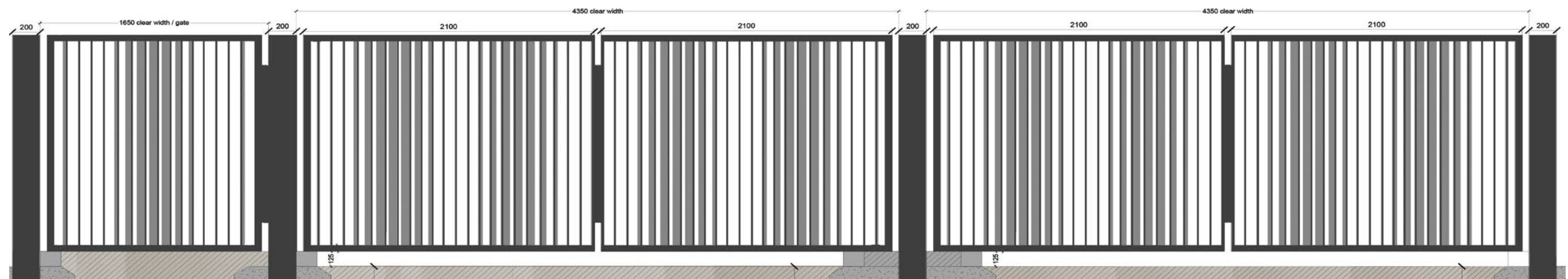
Detail Location Plan - Q1 Gates



⑤ Q1 Single Leaf, pedestrian gate, 1.8m(h)



④ Q1 Double Leaf, vehicle gate, 1.8m(h)



③ ④ ⑤ Q1 Double Leaf, vehicular gate, 1.8m(h) and Single Leaf, pedestrian gate, 1.8m(h), car park area

Proposed Gates - Q2

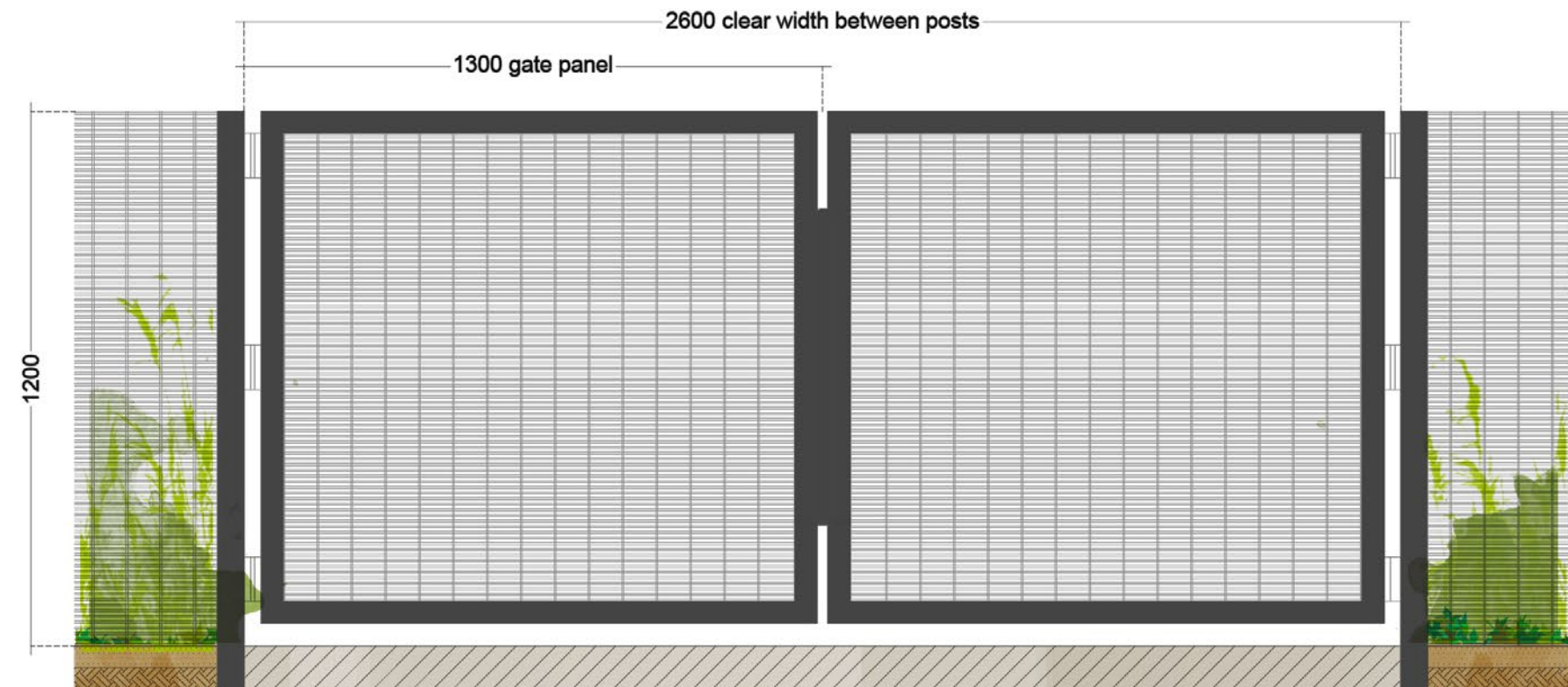


Detail Location Plan - Q2 Gates

- ① Q2 Double Leaf, pedestrian, 1.2m(h)
- ② Q2 Double Leaf, pedestrian, 1.2m(h)

Specification:

Manual Pedestrian Gates: Manual lock suitable for Fire brigade access



①② Q2 Double Leaf, pedestrian, 1.2m(h)



Double Leaf gate example

Proposed Gates - Q3

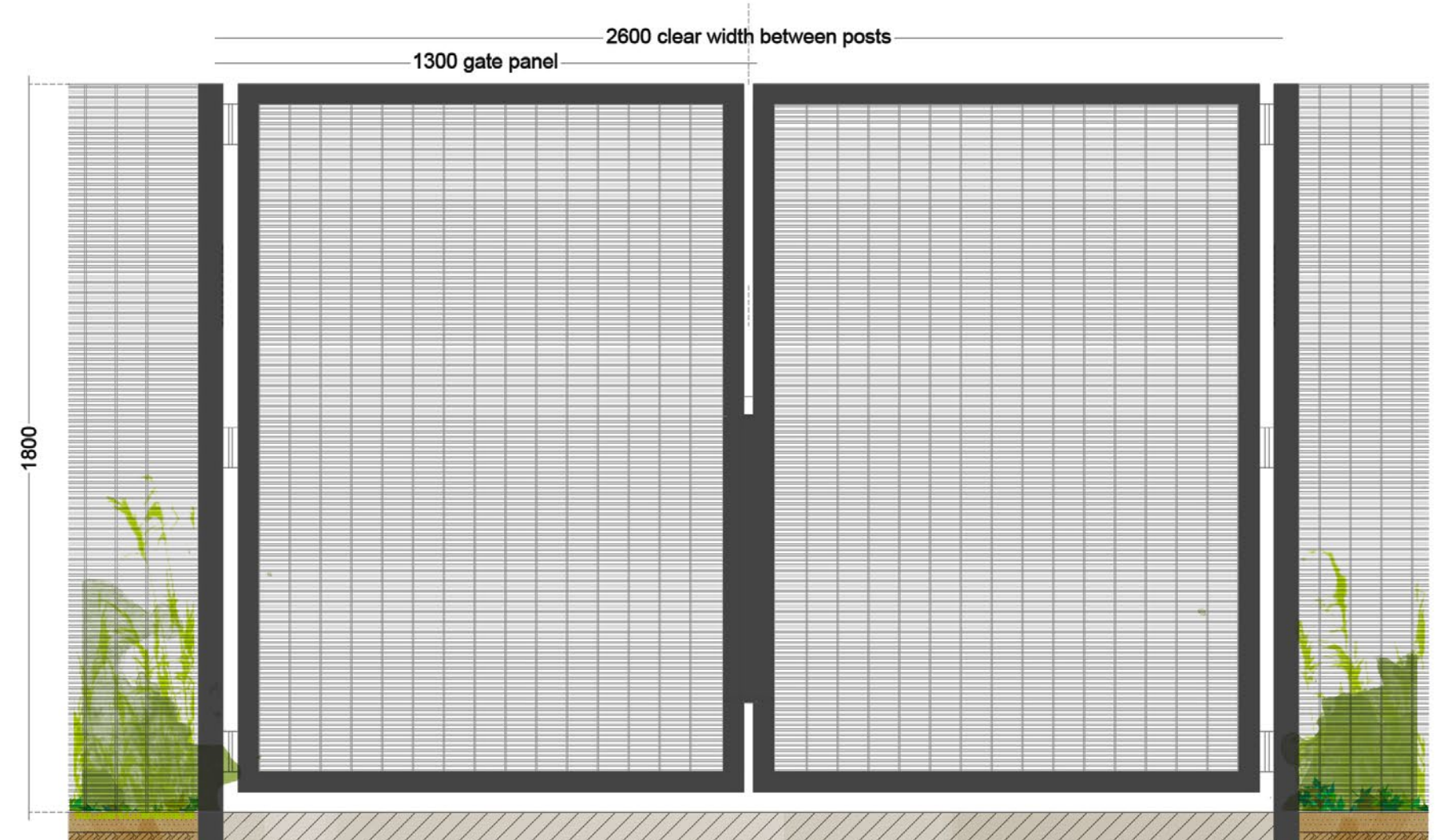


Detail Location Plan - Q3 Gates

- ① Q3 Double Leaf, pedestrian, 1.8m(h)

Specification:

Manual Pedestrian Gates: Manual lock suitable for Fire brigade access



- ① Q3 Double Leaf, pedestrian, 1.8m(h)



Double Leaf gate example

Planting Strategy Q2 & Q3 - Climbing Plants



Detail Location Plan - Q2, Q3 planting for fence coverage

- Q2, 1.2m(h)
- Q3, 1.8m(h)



Species: *Hedera helix*
Common Name: Common Ivy
Ultimate height: 1.8m+
Ultimate spread: 4-8m
Type: Evergreen
Proportion of planting: 60%



Species: *Clematis armandii*
Common Name: Armand clematis
Ultimate height: 1.8m+
Ultimate spread: 1.5-2.5m
Type: Evergreen
Proportion of planting: 20%



Species: *Jasminum officinale* 'Argenteovariegatum'
Common Name: Jasmine
Ultimate height: 1.8m+
Ultimate spread: 0.5-1m
Type: Deciduous
Proportion of planting: 20%