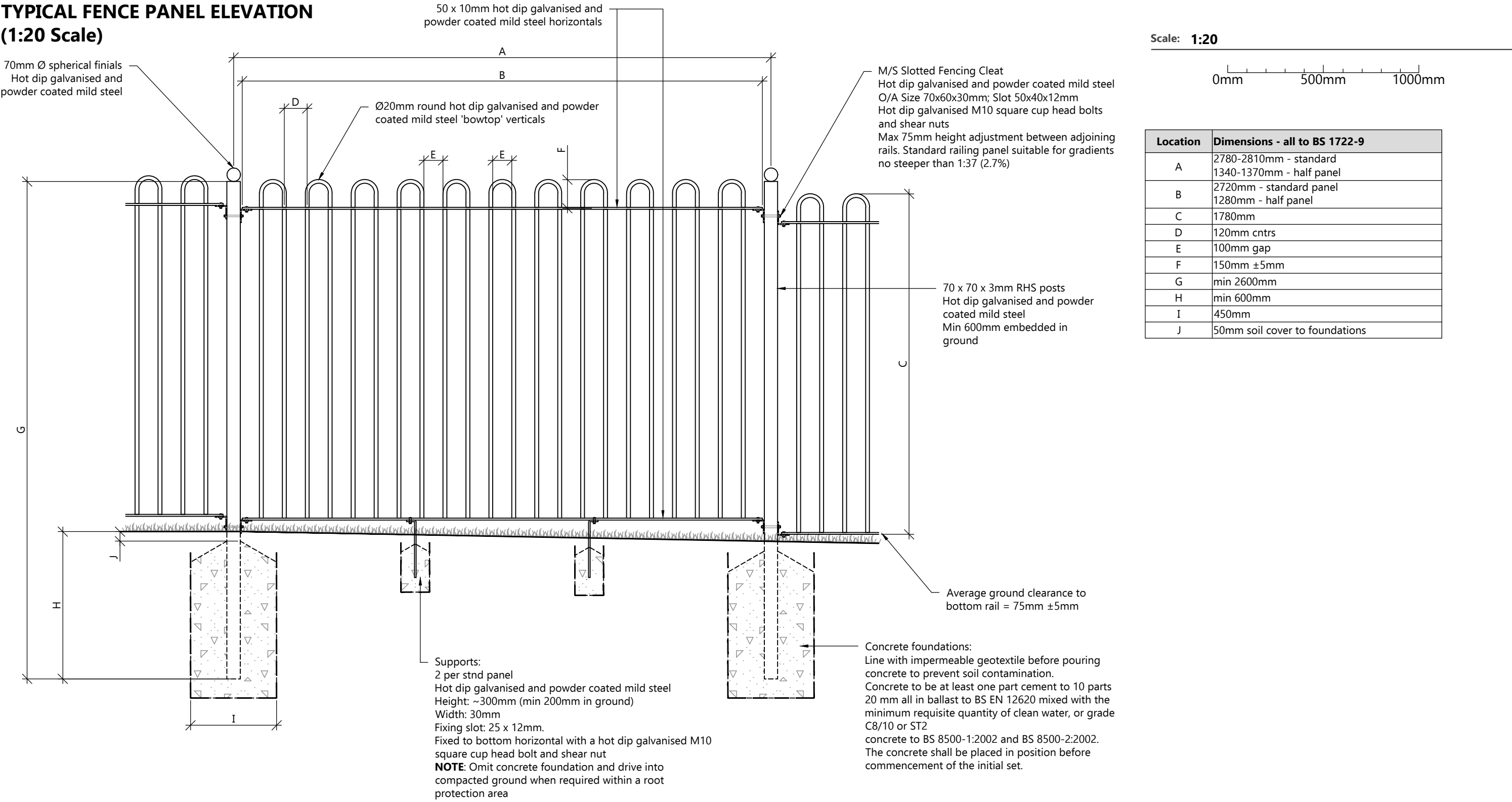
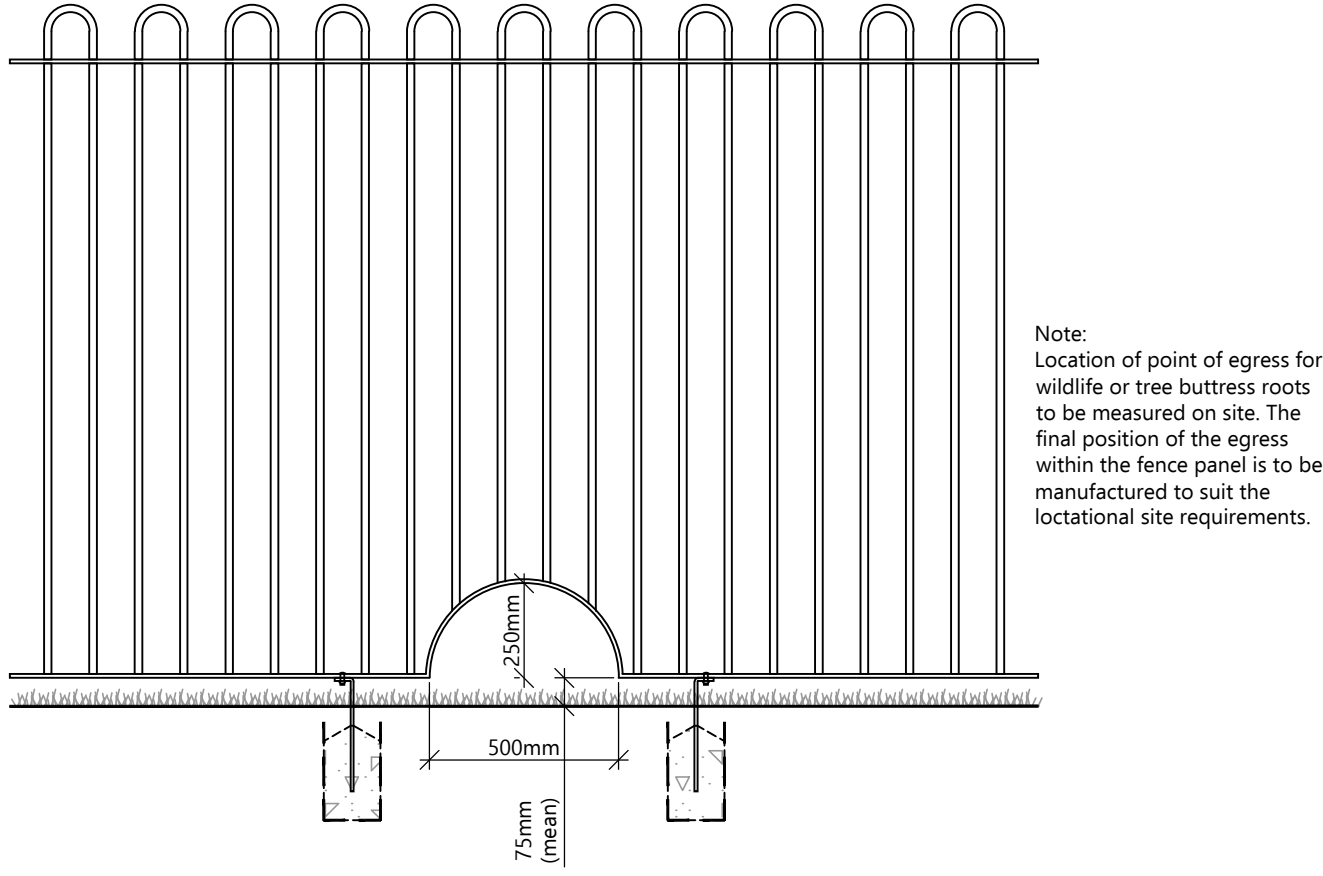


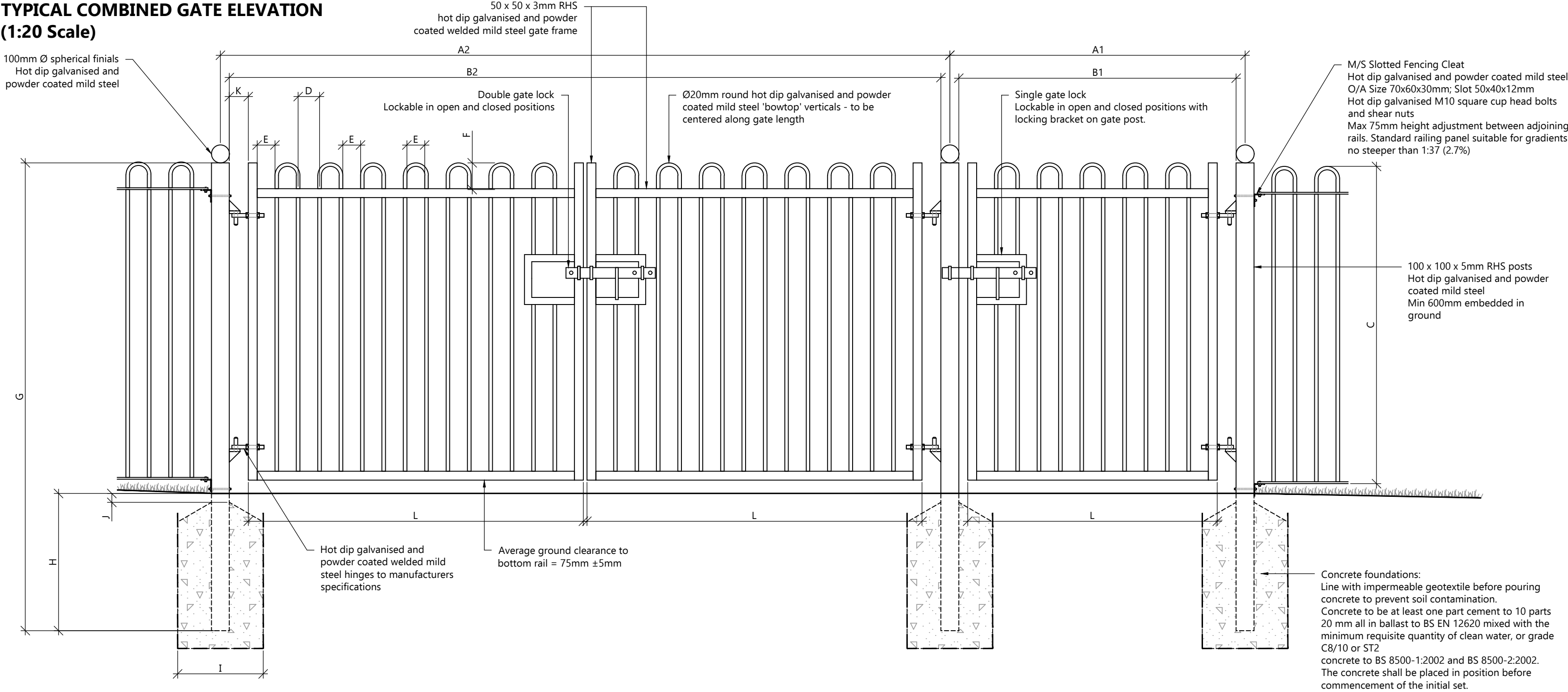
TYPICAL FENCE PANEL ELEVATION
(1:20 Scale)



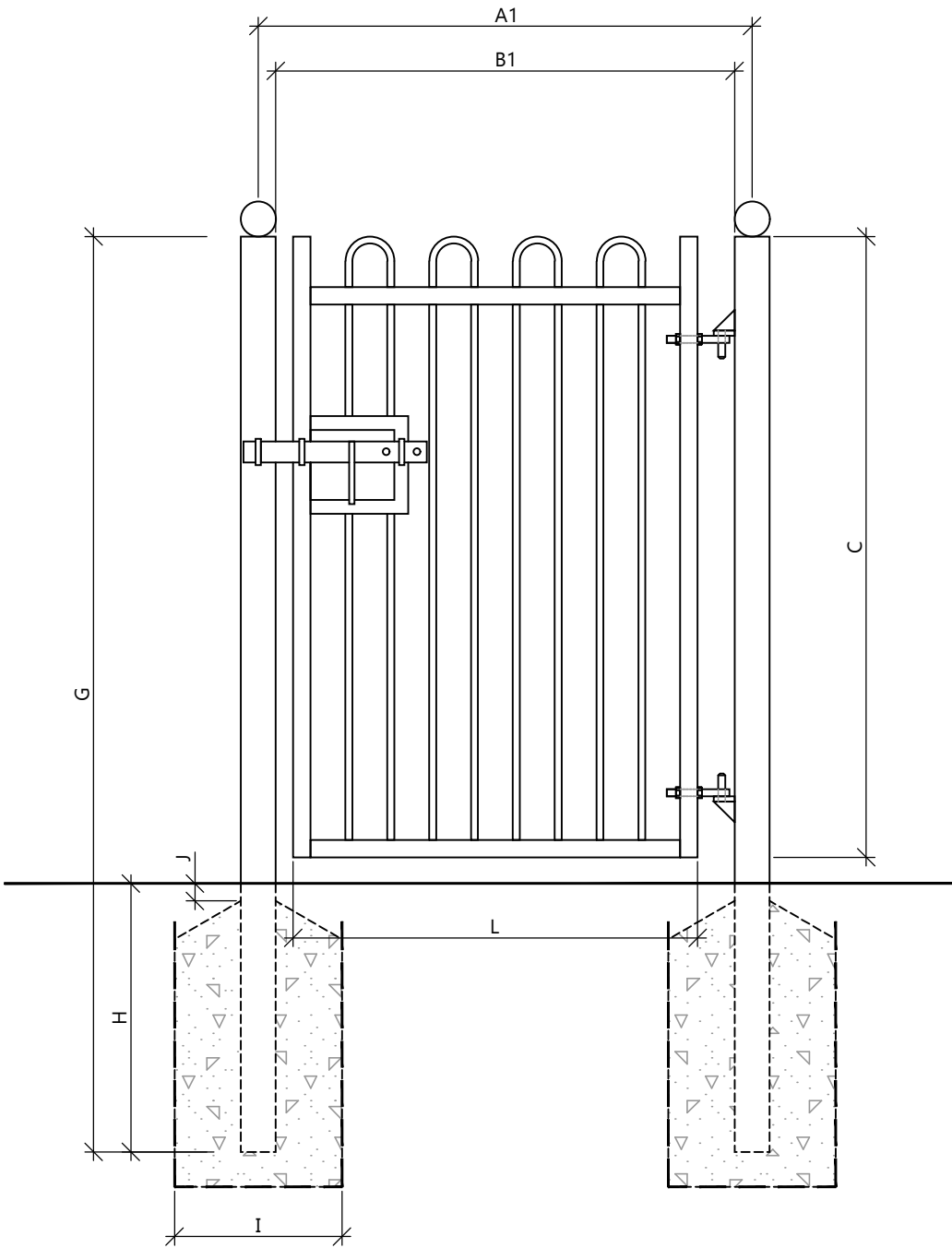
TYPICAL ENVIRONMENT EGRESS
PANEL ELEVATION (1:20 Scale)



TYPICAL COMBINED GATE ELEVATION
(1:20 Scale)



TYPICAL PEDESTRIAN GATE ELEVATION
(1:20 Scale)

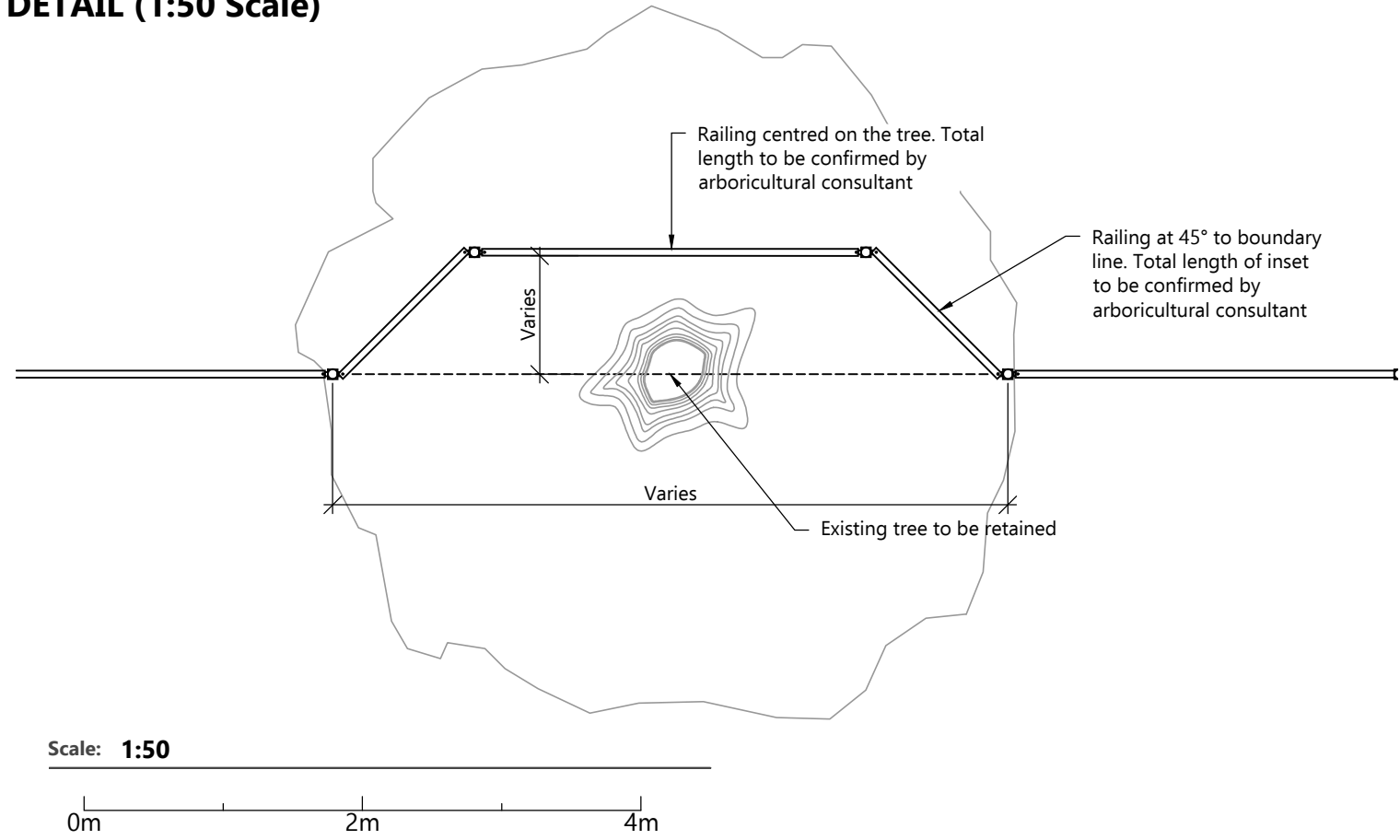


GATE DIMENSIONS*

Unit	Description	Default Dimensions (to BS 1722-9)	GATE LOCATION				
			WG1 Foxhill Lodge	WG2 The Gate Lodge	WG3 Wessex Hall	WG4 Bridges Hall	WG5 Wilderness Lodge
A1	Single Gate Post Centres (By bowtop verticals)	8 - 1416mm 10 - 1656mm 12 - 1896mm 14 - 2136mm	1800mm	N/A (existing brick plinths to be retained)	N/A (existing brick plinths to be retained)	1500mm	N/A (no pedestrian gate)
A2	Double Gate Post Centres (by bowtop verticals)	2x8 - 2652mm 2x10 - 3132mm 2x12 - 3612mm 2x14 - 4092mm	3200mm	N/A (existing brick plinths to be retained)	N/A (existing brick plinths to be retained)	2800mm	3800mm
B1	Single Gate Opening	8 - 1316mm 10 - 1556mm 12 - 1796mm 14 - 2036mm	1600mm	1440mm	1115mm	1350mm	N/A (no pedestrian gate)
B2	Double Gate Opening	2x8 - 2552mm 2x10 - 3032mm 2x12 - 3512mm 2x14 - 3992mm	3000mm	3345mm	4285mm	2600mm	4000mm
C	Fence height	1780mm	Default	Default	Default	Default	Default
D	Bowtop Centers	120mm cntrs	Default	Default	Default	Default	Default
E	Bowtop Gap	100mm gap	Default	Default	Default	Default	Default
F	Bowtop Extension	150mm ±5mm	Default	Default	Default	Default	Default
G	Post Height	min 2600mm	Default	Default	Default	Default	Default
H	Post Buried depth	min 600mm	Default	Default	Default	Default	Default
I	Foundation width	480mm	Default	Default	Default	Default	Default
J	Foundation Soil Cover	50mm soil	Default	Default	Default	Default	Default
K	Hinge Gap	106mm	Default	Default	Default	Default	Default
L	Gate Panel/Leaf Width	8 - 1160mm 10 - 1400mm 12 - 1640mm 14 - 1880mm	1400mm	1400mm	2000mm for vehicle gates and 1000mm for pedestrian gate	1200mm	1700mm

*NOTE: All gate dimensions must be checked on site prior to manufacture.

TYPICAL 'STEP BACK' FENCE PLAN
DETAIL (1:50 Scale)



Drawing Notes

- Drawing prepared on behalf of the University of Reading to support planning permission for replacement boundary fencing at Whiteknights Campus.
- Contractor to verify all site and ground conditions prior to installation and notify the Project Manager of any abnormal findings.
- Contractor to verify all on site measurements prior to manufacture of replacement gates and fences.
- Post lengths and founding depths are based on normal ground conditions: variations required due to site conditions shall be agreed with a structural engineer.
- All works within tree root protection areas shall comply with the approved Arboricultural Method Statement. Refer to the TCP/AIA and AMS.
- Materials and workmanship shall comply with BS 1722 9:2006 unless otherwise approved by the Project Manager.
- All steelwork shall be hot dip galvanised and powder coated to RAL 9005 (Jet Black).
- Flat, round and RHS steel sections shall comply with relevant dimensional and material standards to BS EN 10025 2, minimum grade S235JR.
- Welded panels to be formed with vertical bars passing through the top rail and welded top and bottom, with weld length ≥ 50% of bar perimeter.
- No vegetation clearance should be undertaken during the bird nesting season between March and August inclusive unless checked immediately prior to cutting by a suitably qualified ecologist to confirm that no active nests are present. No disturbance is permitted if an active nest is found.

General Notes

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We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above. The drawing is provided for the sole use of the named client. No third party may rely upon this drawing without the prior and express written agreement of Nicholas Pearson Associates Ltd.
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This drawing must not be used for implementation on site unless issued for construction purposes.
Discrepancies and/or ambiguities between this drawing and information given elsewhere must be reported immediately to this office for clarification before proceeding.

Revisions

Status	Revision Note	Date	Drawn	Checked	Approved
P01	Issued for WBC planning application submission	24/04/2026	TB	TB	JF

Project

Whiteknights Campus Boundary
Replacement Fence

Drawing

Typical Fence & Gate Details

Drawing Number

30303 NPA WK ZZ DR L 7000

Suitability	Revision	Purpose
S4 For Approval	P01	Planning
Scale	Page Size	Origin Date
Varies	A1	14/04/2026

Client



NICHOLAS PEARSON ASSOCIATES

ENVIRONMENTAL DESIGN | LANDSCAPE ARCHITECTURE | ECOLOGY | VISUALISATION

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N:\Projects\30303 Whiteknights Fence, University of Reading\30303 NPA WK ZZ DR L 7000 Fence Details.dwg

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