

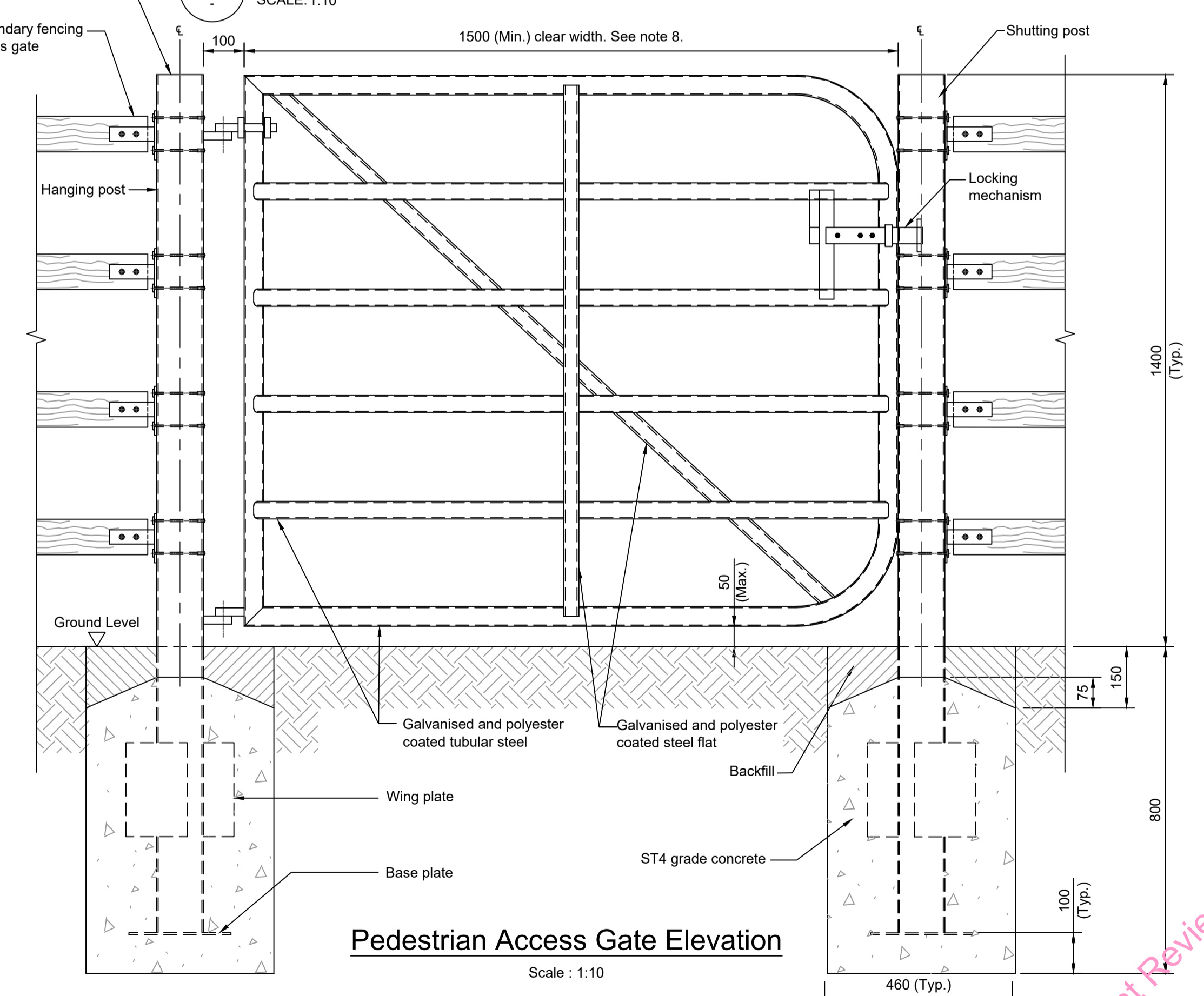
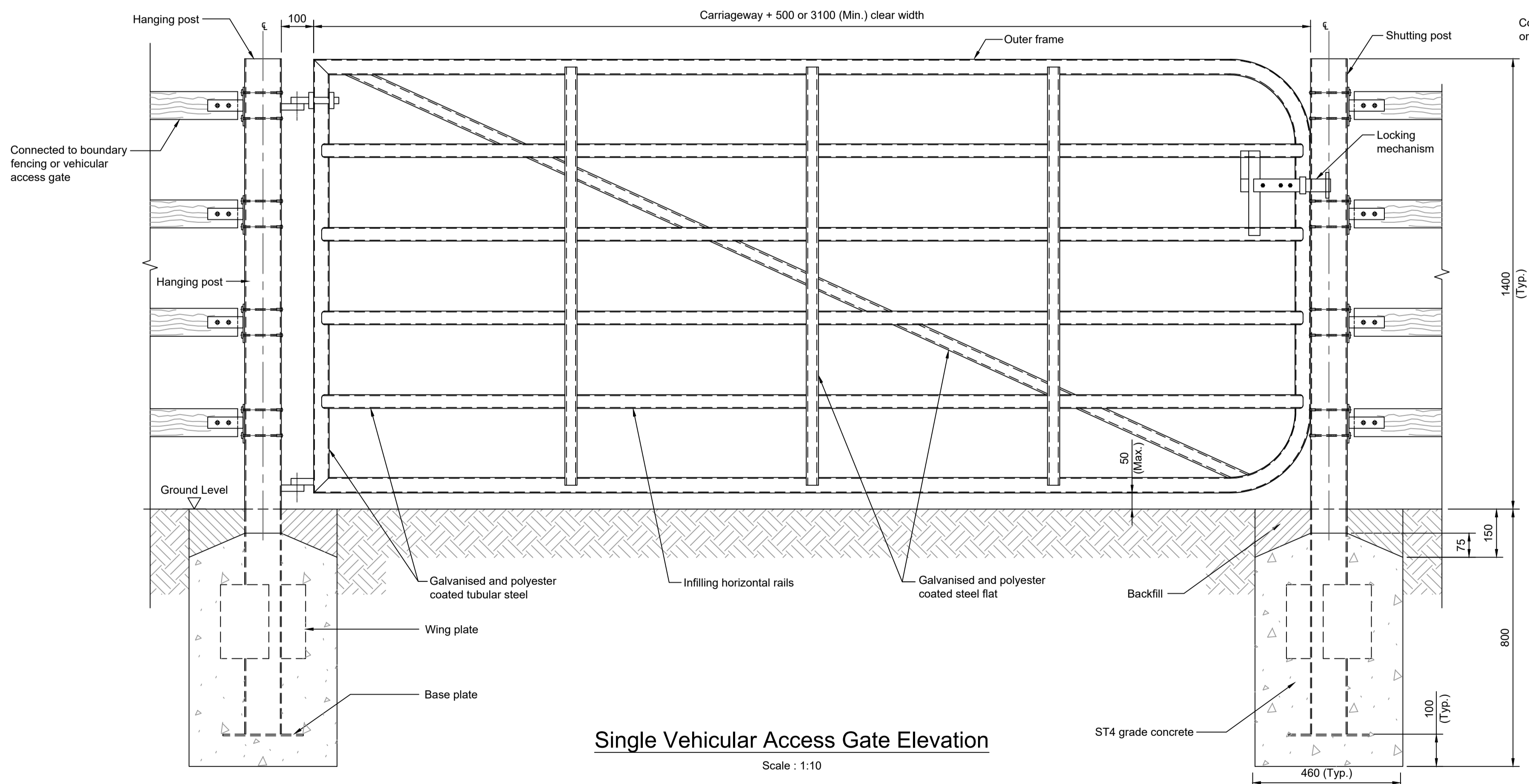
Double vehicular gate - max width of 4820		
Description of materials	Size	Fixings and fittings
Post (Tubular steel)	114.3 outer dia. x 3.6 thick	Top capping plate 4.8 thick Base plate 250x50x4.8 Top capping plate and base plate to be continuously flush welded to tube Two 230x150x4.8 wing plates stitch welded to post
Outer frames	48.3 outer dia. x 2.9 thick	
Infilling horizontal rails (All tubular steel)	42.4 outer dia. x 2.6 thick	
Vertical braces (steel flat)	Four 38x4.8	Fillet welded to each gate member crossed by braces

Single vehicular and pedestrian gates - max width of 4500		
Description of materials	Size	Fixings and fittings
Hanging post (Tubular steel)	114.3 outer dia. x 3.6 thick	Top capping plate 4.8 thick Base plate 250x50x4.8 Top capping plate and base plate to be continuously flush welded to tube Two 230x150x4.8 wing plates stitch welded to post
Outer frames	48.3 outer dia. x 2.9 thick	
Infilling horizontal rails (All tubular steel)	42.4 outer dia. x 2.6 thick	
Vertical braces (steel flat)	Three 38 x 4.8	Fillet welded to each gate member crossed by braces
Diagonal braces (steel flat)	Two 38 x 4.8	

If two gates are to hang off of a single post use the following instead		
Description of materials	Size	Fixings and fittings
Hanging post (Tubular steel)	139.7 outer dia. x 4.5 thick	Top capping plate 4.8 thick Base plate 250x50x4.8 Top capping plate and base plate to be continuously flush welded to tube
Shutting post (Tubular steel)	114.3 outer dia. x 3.6 thick	Two 230x150x4.8 wing plates stitch welded to post

Double Vehicular Access Gate Elevation
Scale: 1:10

A SECTION
SCALE: 1:10



Single Vehicular Access Gate Elevation
Scale: 1:10

Pedestrian Access Gate Elevation
Scale: 1:10

Rev	Description	Drawn	Checked	Approved	HS2 App	Scale with caution as distortion can occur.
C01	Second Issue	NA	JM	DF		HS2 accepts no responsibility for any circumstances which arise from the reproduction of this document after alteration, amendment or abbreviation or if it is issued in part or issued incompletely in any way.
P03	Internal Review	GD	MD			© Crown Copyright and database right 2018. All rights reserved. Ordnance Survey Licence number 100049190
P02	First Issue	GD	JL	AD		© Crown Copyright material is reproduced with the permission of Land Registry under delegated authority from the Controller of HMSO.
P01	Internal Review	GD	JL			This material was last updated on 2018 and may not be copied, distributed, sold or published without the formal permission of Land Registry. Only an official copy of a title plan or register obtained from the Land Registry may be used for legal or other official purposes.
						Drawing produced in HS2 SnakeGrid (HS2P1+14) coordinate system

Legends/Notes:	
1.	All dimensions are in millimetres unless otherwise stated.
2.	This drawing must only be used in conjunction with suitable site specific drawings/diagrams.
3.	Refer to specific ancillary civil plans for gate locations.
4.	HS2 boundary warning signal to be attached to the boundary fence following HS2 at every gate.
5.	Fencing to comply with 30 year design life.
6.	The gate shall open into HS2 owners property.
7.	The gate shall be hung as shown for self closing with self latching stop post.
8.	Pedestrian routes to have a clear opening of minimum 1500mm reduced to 1200mm if gates are emergency use only.
9.	All fixing systems are to be visible from operational railway side and any nail, bolt or screw must be replaceable.
10.	All fixing systems are to be corrosion resistant in order to achieve the required design life of 30 years.
11.	Drop bolts and catches shall be galvanised to comply with BS 3470.
12.	Boundary gates need to be able to be secured, such as with a padlock, or left unlocked, such as on public rights of way.
13.	Gate detail based on MCHW H Series Highway Construction detail drawings.

<p>Registered in England Registration No. 06791686 Registered office: 2 Snow Hill, Queensway, Birmingham, B4 6GA</p> <p>Creator/Organator CEK</p>	Zone	C002	Project/Contract	1MC06				
	Design Stage	DETAILED DESIGN	Discipline/Function	Civil				
	Drawing Title	Ancillary Structures - Standard Details 100 Boundary Fence Standard Gate Detail Sheet 1	Drawn	N.Alluvada	Checked	J.Martin	Approved	D.Faries
	Design Status	Suitability	Date	12/07/2022	Scale	AS SHOWN	Size	A1
			Drawing No.	1MC06-CEK-CV-DDE-C002-000126	Rev.	C01		