

NOTES

1. All dimensions are in millimetres.
2. Height to top of stepped panel to be 1m at upper end of gradient unless otherwise stated.
3. All pedestrian guardrail shall be Class 2B of BS 7818:1995.
4. Complete guardrail including bolts and washers shall be hot dipped galvanised to BSEN ISO 1461:2009.
5. Painting treatment may be required at certain locations. All painting to be in accordance with Appendix 4/1.
6. The guardrail shall be fixed in position and approved by the overseeing organisation prior to concreting around each post.
7. Non-standard lengths or raked panels shall be provided where required.
8. Welds to be 5mm fillet welds.
9. Pedestrian guardrail to be set back from the kerb as follows:
 - Speed limit 30mph and below - 450mm
 - Speed limit 40mph and above - 600mm

Rev	Detail	By	Date
Revisions			

Original Version	Preliminary	
Drawn: RS	For comment	
Design: RS	For tender	
	For construction	✓
	As constructed	
Date: May 2019	Other	

Checked by:-

Approved by:- (Drawing NOT approved if this box is empty)



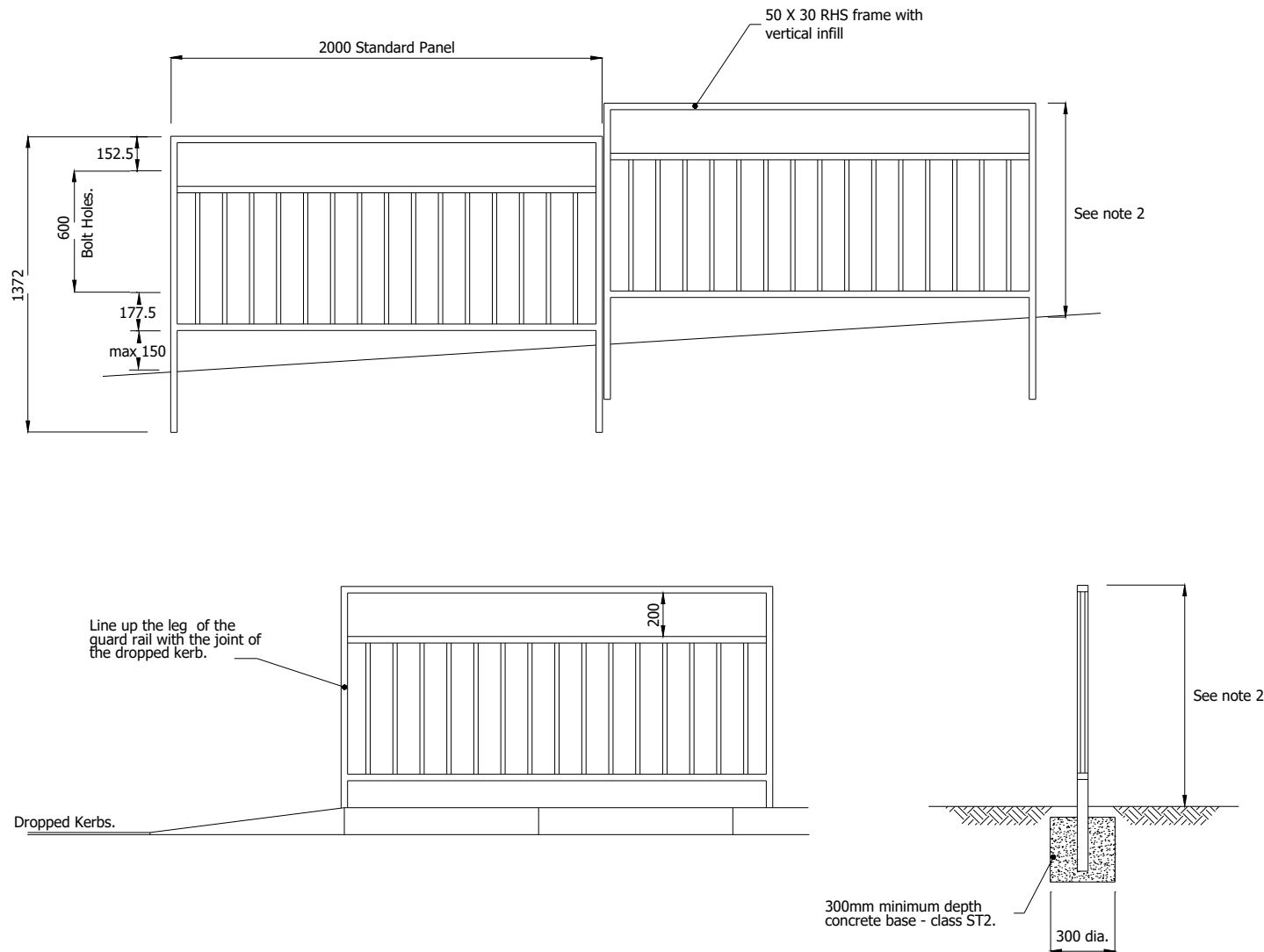
Project Name
Highway Works Details Series 400
Drawing Title
Pedestrian Guardrail Type 1

Grid reference :	
Original Drawing Size : A4	Dimensions : mm
Scale : NTS	Copyright © Amey SCC

Drawing No	Rev
04.01	C0

100
50
40
30
20
10
0

A4



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3. All pedestrian guardrail shall be Class 2B of BS 7818:1995.
4. Complete guardrail including bolts and washers shall be hot dipped galvanised to BSEN ISO 1461:2009.
5. Painting treatment may be required at certain locations. All painting to be in accordance with Appendix 4/1.
6. The guardrail shall be fixed in position and approved by the overseeing organisation prior to concreting around each post.
7. Non-standard lengths or raked panels shall be provided where required.
8. Welds to be 5mm fillet welds.
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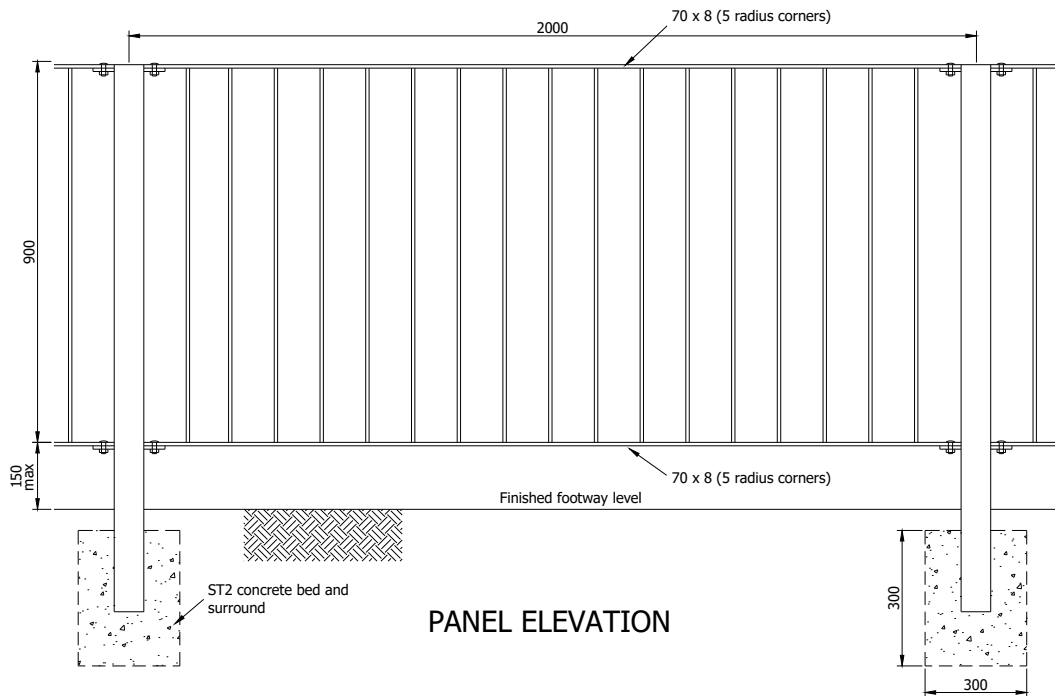
Approved by:- (Drawing NOT approved if this box is empty)



Project Name
Highway Works Details Series 400
Drawing Title
Pedestrian Guardrail Type 2

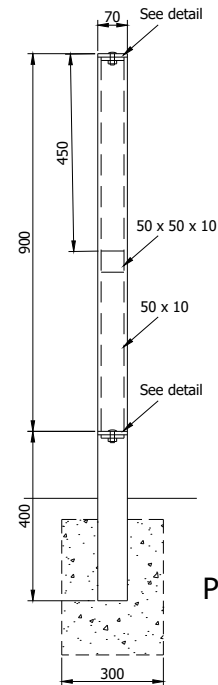
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Original Drawing Size : A4	Dimensions : mm
Scale : NTS	Copyright © Amey SCC

Drawing No	Rev
04.02	C0

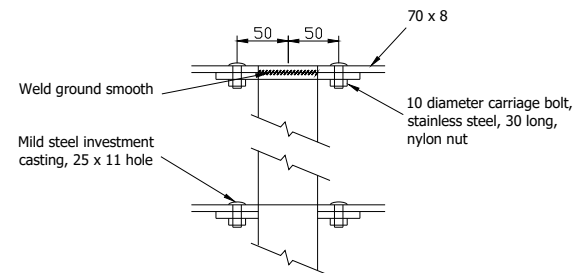


PANEL ELEVATION

PANEL TYPE	PANEL LAYOUT	OPTIMUM SIGHT ANGLE	TYPICAL USES
V2		2.5 to 5 degrees	Straight roads, moderate to high speeds
V4		5 to 14 degrees	Straight roads, low to moderate speeds, curves
V8		more than 14 degrees	Curves less than 15m radius e.g. bellmouths



POST TYPE P24



POST DETAILS

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4. Complete guardrail including bolts and washers shall be hot dipped galvanised to BSEN ISO 1461:2009.
5. Painting treatment may be required at certain locations. All painting to be in accordance with Appendix 4/1.
6. The guardrail shall be erected to a smooth flowing alignment and approved by the overseeing organisation prior to concreting around each post.
7. Non-standard lengths or raked panels shall be provided where required.
8. Welds to be 5mm fillet welds.
9. Pedestrian guardrail to be set back from the kerb as follows:

Speed limit 30mph and below - 450mm

Speed limit 40mph and above - 600mm

Rev	Detail	By	Date
Revisions			

Original Version	Preliminary	
Drawn: RS	For comment	
Design: RS	For tender	
	For construction	✓
	As constructed	
Date: May 2019	Other	

Checked by:-

Approved by:- (Drawing NOT approved if this box is empty)



Project Name	Highway Works Details Series 400
Drawing Title	High Visibility Pedestrian Guard Rail

Grid reference :	
Original Drawing Size : A4	Dimensions : mm
Scale : NTS	Copyright © Amey SCC

Drawing No	Rev
04.03	C0