

TYPICAL BAY ELEVATION
1:20

TYPICAL BOTTOM RAIL TO POST CONNECTION
DETAIL "A"
1:5

DETAIL AT TOP RAIL TO END POST CONNECTION
DETAIL "B"
1:5

SECTION B-B
END POST ELEVATION
1:5

SECTION A-A
TYPICAL VERTICAL POST
1:5

1. All dimensions are in millimeters unless otherwise specified.
2. Do not scale from this drawing.
3. Background survey information supplied by David J Webb surveys, dated 2017.
4. For full survey details see original survey drawings.
5. Proposed wall capping to be finished with a 1:40 cross fall to the walls front face.
6. GEN3 concrete used for the footway sub-base to be compliant with BS EN 206 and with clause 2602 of the Specification for Highway Works.
7. Surface finishes for concrete:
 - Formed surfaces - F3
 - Unformed surfaces - U3
 - Waterproofed surfaces - U4
8. Cut back bituminous waterproofing to be applied in accordance with Series 2000 of the Specification for Highway Works. All corners to be replaced with 25 mm chamfers.
9. Steel fabricator to undertake a detailed geometrical survey to inform the design and fabrication of the guardrail. The guardrail details showed in this drawing are informative only.
10. Horizontal rails to remain parallel to top face on inclined sections of the wall. Vertical elements to remain upright through the wall.
11. All structural steel to be Grade 355 hot rolled carbon steel to BS EN 10025 and BS 1449-1. Guardrail to be designed, fabricated and assembled in accordance with BS 7818 and Series 400 of the Specification for Highway Works.
12. Angle plates to be prepared in workshop to SA2½ quality in accordance to clause 1906 of the Specification for Highway Works and welded all round to top rails and vertical posts.
13. Structural steel shall be prepared and protected against corrosion in accordance with Series 1900 of Specification for Highway Works. Surface preparation of metalwork to be carried out in compliance with Table 19/2A, Area A, Type I. The contractor may select the protective system from Table 19/2B Type I.
14. All points shall have a current BBA HAPAS Rods certificates. The colour for the railings is to be 'BS 381C 223 Middle Bronze Green', matt finish. Sampling and testing of points shall be undertaken in accordance with clause 1912 of the MCHW.
15. Non-shrink cementitious grout used to fix railing posts to be indicated for this use and to comply with BS EN 1504 2007-1. Minimum compressive strength $f_{ck} = 20 \text{ MPa}$.
16. Refer to the Specification for Railing and Wall Stabilisation Works (doc. ref. 100004196-SPC-01) for further details on railing fabrication and protection, sampling and testing requirements.
17. Refer to architectural drawings HHRW.01-01101 to 01107 for details on rendering to proposed wall capping.

DRAWING ISSUE DISCLAIMER

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DISCUSSION PURPOSES ONLY AND IS UNCONTROLLED.
IT DOES NOT FORM ANY PART OF THE CONTRACTUAL DRAWING
SET AND IS NOT FOR PUBLICATION.

UNCONTROLLED DOCUMENT

2	03/03/2023	END DETAILS ADDED	DF	SLS	SLS	
1	18/01/2023	CLIENT COMMENTS ADDED	DF	SLS	SLS	
0	12/10/2022	ORIGINAL ISSUE	DF	SLS	SLS	
Rev	Date	Description	Dwn	Chk	App	

This drawing has been specifically prepared to meet the requirements of the named client and may contain design and innovative features which differ from conventional design standards.



PROJECT
CENTRE

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Client

Haringey
LONDON

Project

THE BANK
RETAINING WALL

Drawing Title

RAILING DETAILS

Drawing Status

FOR APPROVAL

Drawn	Designed	Date	Scale	Size
DF	SLS	OCT 2022	AS SHOWN	A1

Drawing No.

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