

NO LOCK

PLATFORM 2

TARMAC SURFACE ON

- EDGE OF PLATFORM 2

SOLID BACKFILLED

DETAIL 2 PART PLATFORM 2 (WILLESDEN END) - OPTION D

740 COPER

400 TACTILE

NEW ANTI-TRESPASS

EXISTING TIMBER

FENCE

PANEL

— EDGE OF PLATFORM 2

- NEW ANTI-TRESPASS

PANEL

1300

100000018

1600000

100000

- SIZING TO

SITE DIM.

 PLATFORM 2

400 TACTILE

750 COPER

UP NORTH LONDON

DOWN NORTH LONDON

PLATFORM 1

CONCRETE PAVERS ON

SOLID BACKFILLED

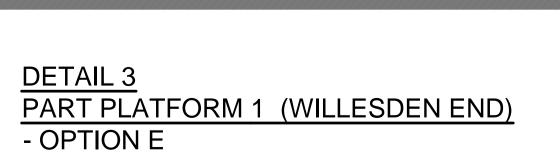
- EDGE OF PLATFORM 1

TARMAC SURFACE ON

SOLID BACKFILLED

NEW 1500mm* HIGH FENCE, GATE & POST TO MATCH EXISTING TIMBER DOWN NORTH LONDON FENCE AT WILLESDEN END WITH LIKE FOR LIKE MATERIAL AND BASE FIXING. `poo\oodod, 740 COPER EDGE OF PLATFORM 1 400 TACTILE FENCE TO BE 2m PLATFORM 1 OM TOP OF RAMP CONCRETE PAVERS ON SOLID BACKFILLED EXISTING "NO UNAUTHORISED ACCESS"

SIGN TO REMAIN



DETAIL 1 PART PLATFORM 2 (STRATFORD END) - OPTION C

UP NORTH LONDON

1700

400 TACTILE

750 COPER

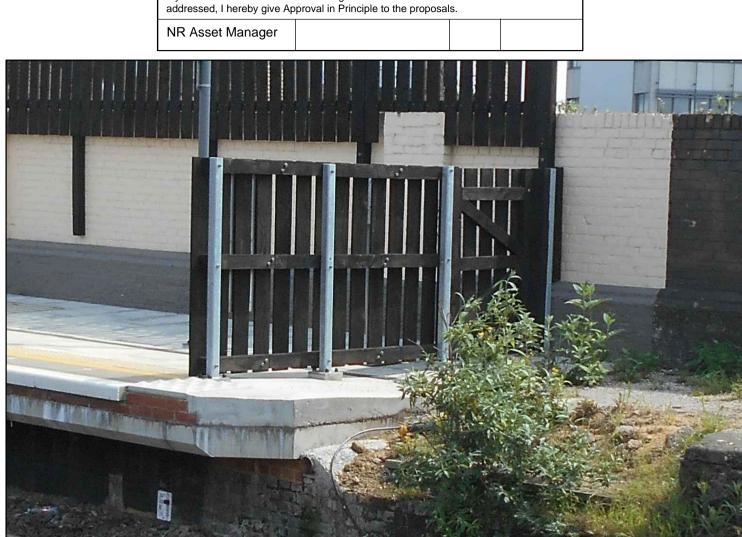
SIGN POST

DETAIL 4 PART PLATFORM 1 (STRATFORD END) - OPTION C

COLUMN BASE

* Fence height 1250 to 1500mm to match existing

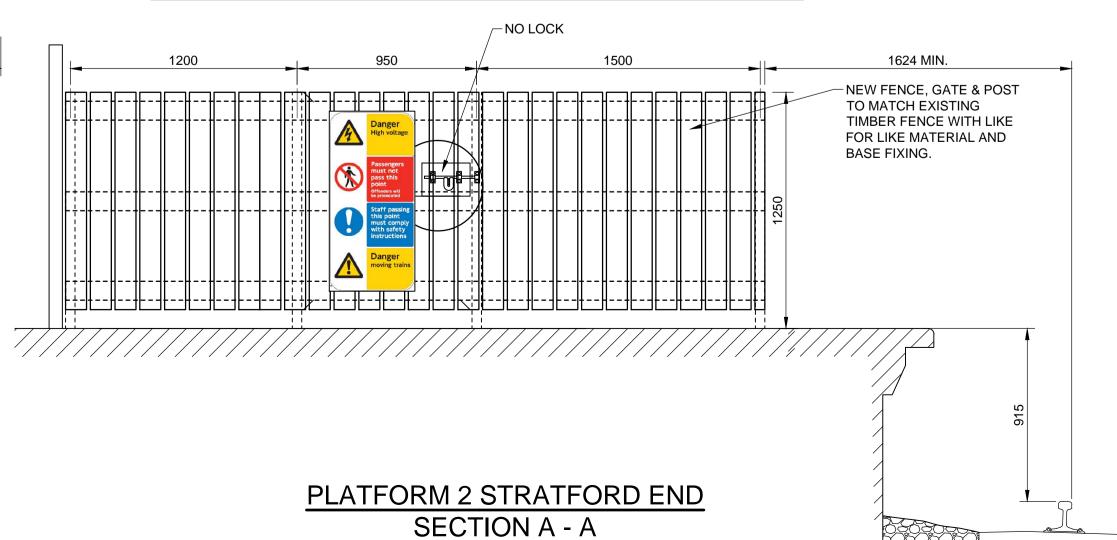
Ownership Date | Signature Chris Boydell CRE (Construction) Charles Isitt Abhijit Bose LOROL PM Peter Evans NR DPE I have considered this submission for Approval in Principle and I am satisfied that this has adequately addressed the criteria specified in NR/L2/CIV/003, and confirm that the Design of the Permanent works satisfies the Non Complex Cat 1 check requirement of My comments on the submission are given below. Provided that these comments are



EXISTING TIMBER FENCE AT PLATFORM 1 (WILLESDEN END)



PLATFORM 2 (STRATFORD END) FENCE HEIGHT 1250mm DUE TO SIGNAL SIGHTING



LIGHTING COLUMN

SERVICE BOX

ACO DRAIN

21. TIMBER TO ACHIEVE 15 YEAR DESIGN LIFE.

WITH BS 5268-2 AND BS EN 1912.

SOFTWOOD OR TROPICAL HARDWOOD TO BE

23. STRUCTURAL TIMBER TO BE STRENGTH CLASS C16, D40.

- 1. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.
- USED WITH TIMBER CLASS AND DESIGN COMPLYING 2. TO BE READ WITH DRAWING 160441-X-00-DR-C-101 FOR
 - TO BE READ WITH DRAWING 160441-X-00-DR-C-102 FOR TYPICAL BASE DETAILS.
 - 4. TO BE READ WITH DRAWING 160441-X-00-DR-C-103 FOR

GENERAL NOTES

STANDARD DETAILS.

SCHEDULE.

- GATE AND FENCING PRODUCTS BY 'EVERGRIP' OR SIMILAR APPROVED USING 50x50x6 GRP BOX SECTIONS THROUGHOUT.
- 6. ALL SECTIONS TO BE GRP FROM POLYESTER RESIN FIRE RETARDANT CLASS 1 TO BS 476 PL7.
- 7. INFILL PANELS COLOUR DARK GRAY.
- 8. ALL MILD STEEL ITEMS TO BE BS EN. 10025 GR S275-JR.
- ANY BOLTS/NUTS AGAINST GRP FACE MUST HAVE A
- FORM `G' WASHER UNDER THE HEAD. THE MINIMUM AREA OF ANY WASHER AGAINST A GRP FACE MUST BE 2.5 TIMES THE BOLT DIAMETER.
- 10. FORM 'E' WASHERS MAY BE USED ON STEEL FACE.
- 11. ANY BOLTS PASSING THROUGH GRP MUST HAVE THE GRP BEARING ON THE SHANK OF THE BOLTS AND NOT THE THREAD. ADDITIONAL FORM 'G' WASHERS MUST BE USED TO TAKE UP ANY ADDITIONAL SHANK LENGTH.
- 12. ALL FIXING MUST BE EITHER FRICTION LOCKED OR LOCKED USING A SUITABLE 'LOCTITE' PRODUCT TO PREVENT LOOSENING DUE TO VIBRATION.
- 13. ALL BOLTS MUST HAVE A MINIMUM OF 2 FULL THREADS PROJECTING THROUGH THE NUT.
- 14. STANDARD ANTI-TRESPASS PANELS TO BE TYPE 'RH-9031' BY ROSEHILL RAIL OR SIMILAR APPROVED AND INSTALLED AS PER MANUFACTURER'S INSTRUCTION.
- 15. DESIGN LOADING: BS7818 CLASS 2 = 0.7kN/m.
- 16. TO BE READ IN CONJUNCTION WITH DESIGNER'S RISK ASSESSMENT IN COMPLIANCE WITH CDM 2015 DOCUMENT REF. 160441/DRA/001. REV 02
- 17. TO BE READ IN CONJUNCTION WITH NON-COMPLEX DESIGN F003 DOCUMENT REF. 5887A-EEM-RSC-F003-001 REV. 02.
- 18. THE CONTRACTOR TO CONFIRM ALL DIMENSIONS PRIOR TO ANY FABRICATION OR CONSTRUCTION WORKS.
- 19. CAT SCANNING FOR BURIED SERVICES TO BE CARRIED OUT PRIOR TO INSTALLATION OF FENCE/GATE POSTS.

20. TIMBER GATE AND FENCING TO BE IN ACCORDANCE WITH NR/L3/CIV/140/160 GN ISSUE 2.

Drawn Check Rev Date Description **INFRASTRUCTURE** NetworkRail OWNER CLIENT LOROL PRINCIPAL CONTRACTOR RAIL PRINCIPAL DESIGNER

Management

Revision

P2

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Drawing Status FOR APPROVAL Date JUNE 2016 Project LOROL Scale 1:50 @ A1 PLATFORM END SECURITY (ANGLIA ROUTE) Drawn Engineer HL CAMDEN ROAD Project No PLATFORM PLANS AND SECTION 160441

Drawing No 160441-X-00-DR-C-170

ELR Mileage

BOK1 5m 01ch