

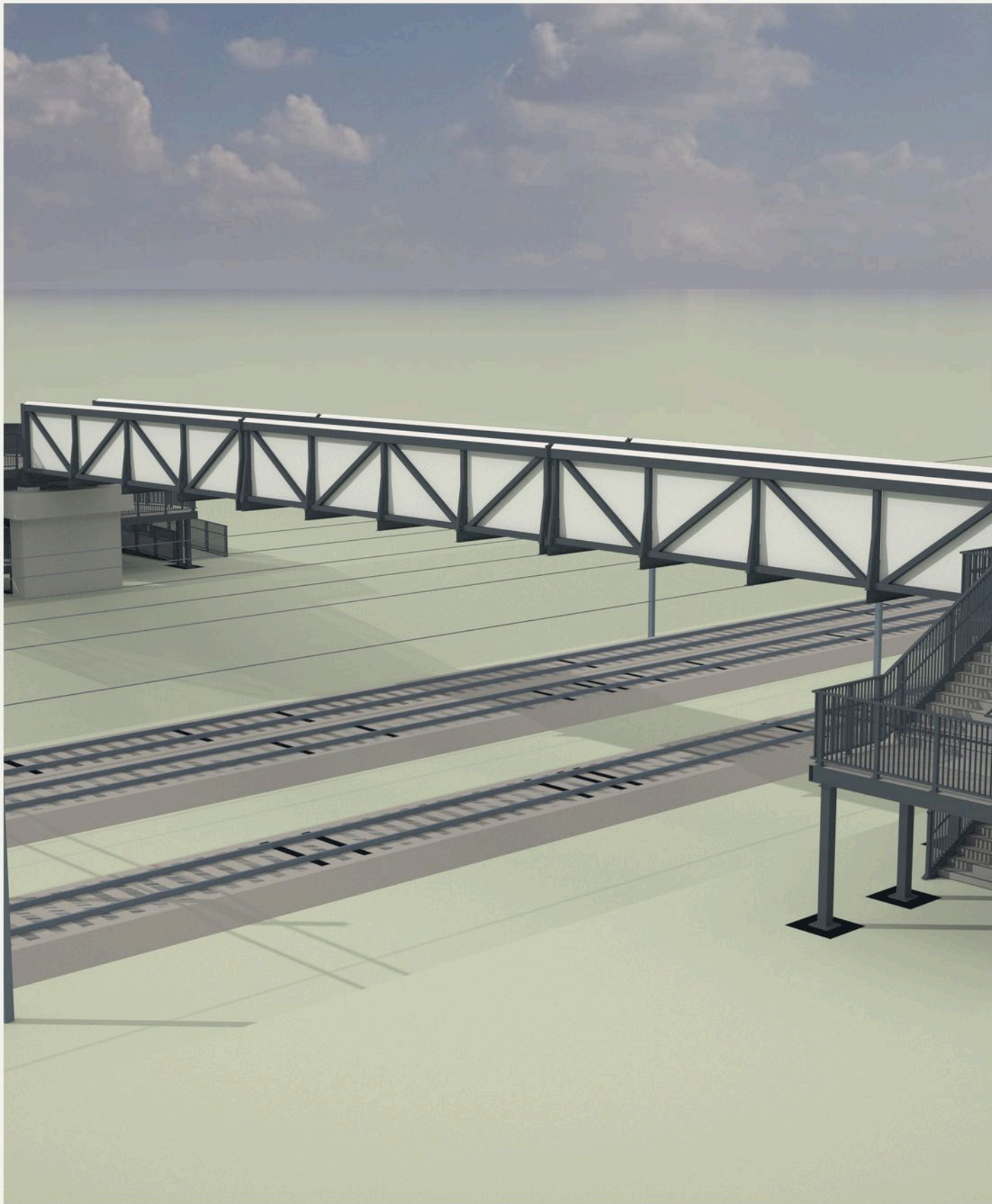
Footbridges and access steelwork

Sample drawings

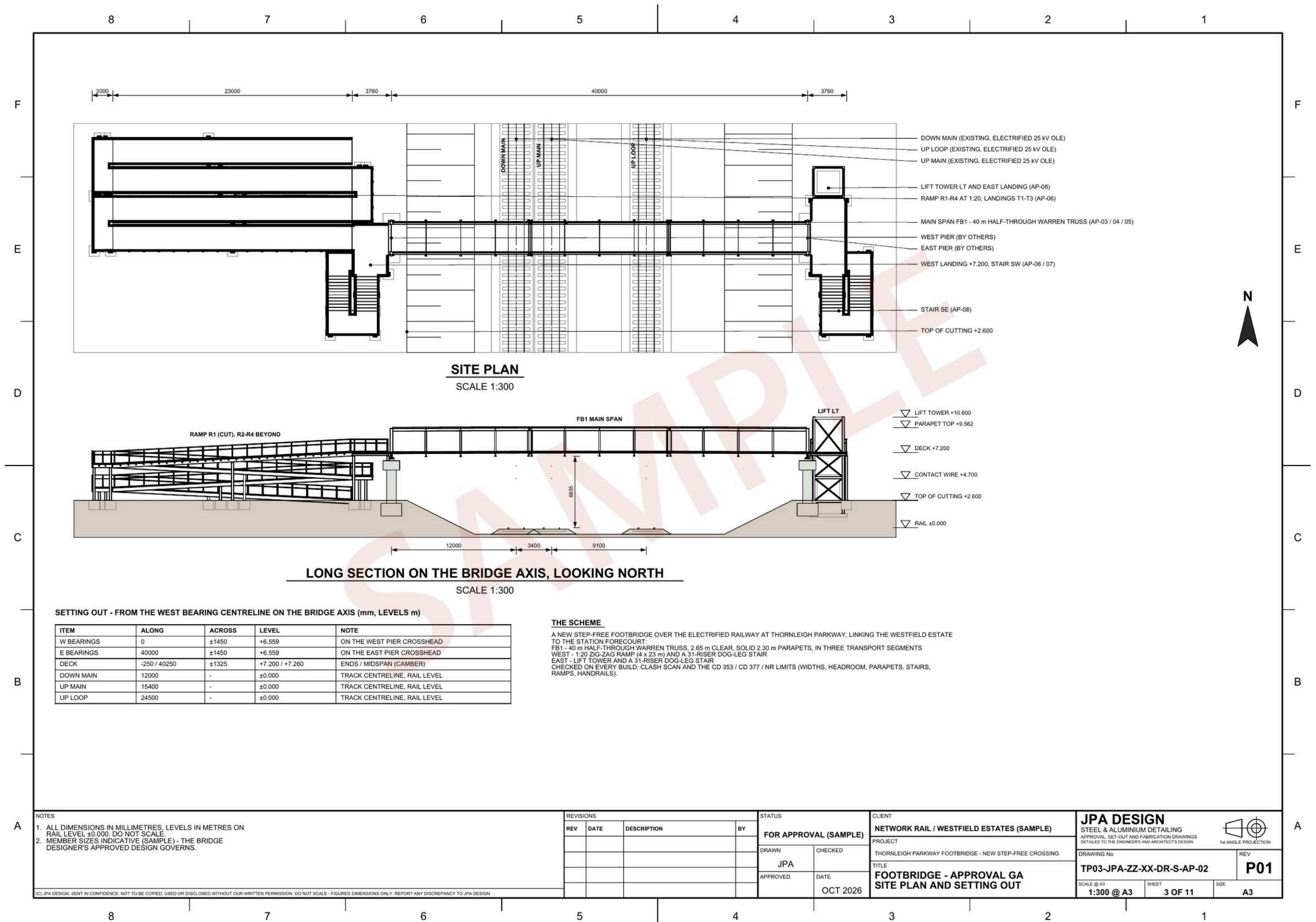
TP03-AP-02	Site plan and long section over the railway	1:300 @ A3
TP03-AP-04	Section A-A through the span	1:25 @ A3
TP03-FB-06	Node and U-frame, weld symbols	A3
HF08-GA-12	Stair tower ST1, elevations	A3
HF08-GA-30	Hop-over HO1, plan and elevation	A3

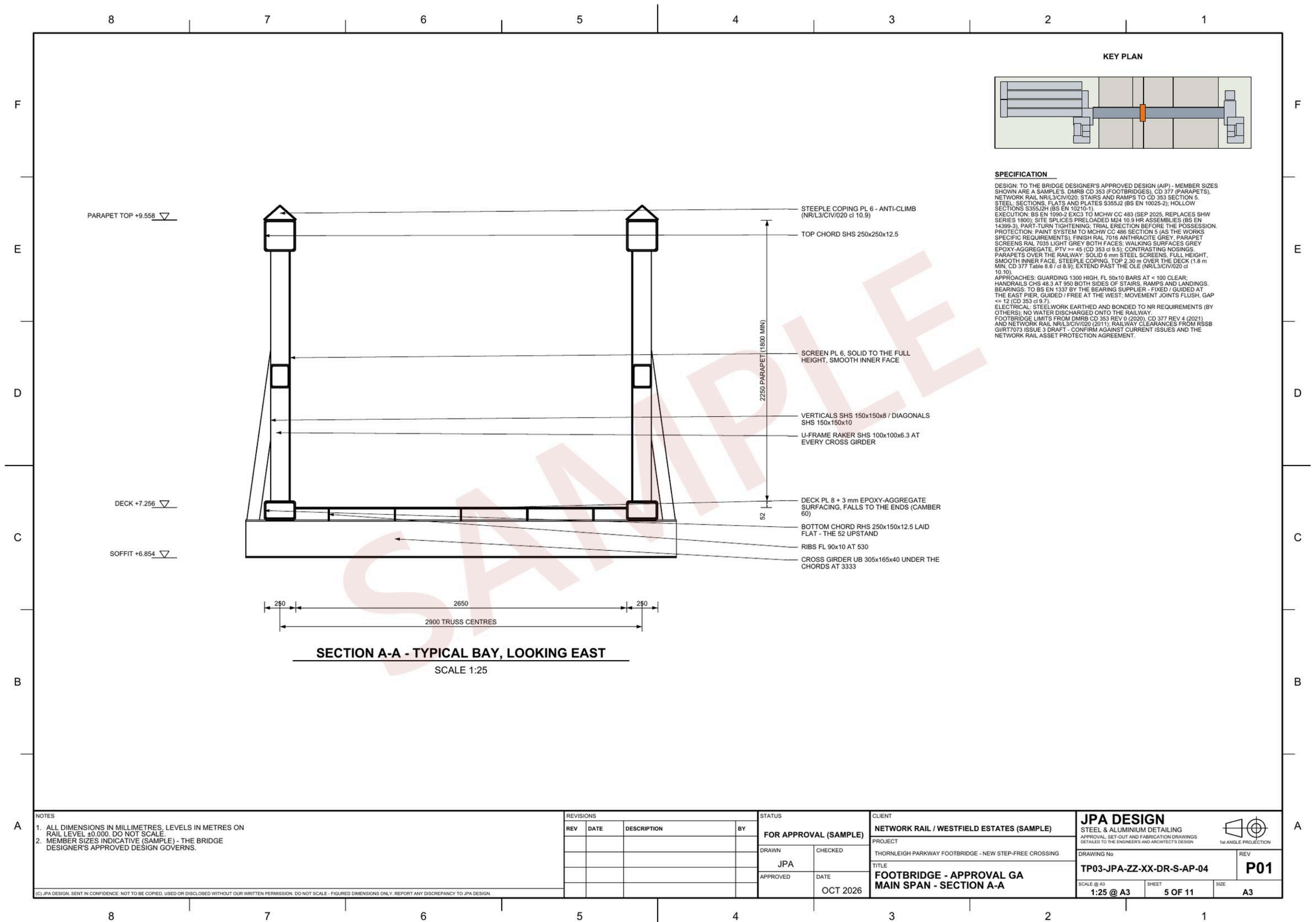
Full sample packs and prices on request.

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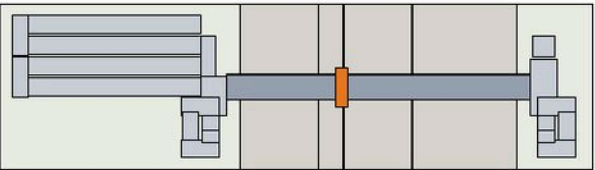


Sheets flattened for viewing at 150 dpi. Every sheet is a page from a full sample set.





KEY PLAN



SPECIFICATION

DESIGN: TO THE BRIDGE DESIGNER'S APPROVED DESIGN (AIP) - MEMBER SIZES SHOWN ARE A SAMPLE'S. DMRB CD 353 (FOOTBRIDGES), CD 377 (PARAPETS), NETWORK RAIL NR/L3/CIV/020; STAIRS AND RAMPS TO CD 353 SECTION 5. STEEL: SECTIONS, FLATS AND PLATES S355J2 (BS EN 10025-2); HOLLOW SECTIONS S355J2H (BS EN 10210-1). EXECUTION: BS EN 1090-2 EXC3 TO MCHW CC 483 (SEP 2025, REPLACES SHW SERIES 1800); SITE SPLICES PRELOADED M24 10.9 HR ASSEMBLIES (BS EN 14399-3), PART-TURN TIGHTENING; TRIAL ERECTION BEFORE THE POSSESSION. PROTECTION: PAINT SYSTEM TO MCHW CC 486 SECTION 5 (AS THE WORKS SPECIFIC REQUIREMENTS), FINISH RAL 7016 ANTHRACITE GREY, PARAPET SCREENS RAL 7035 LIGHT GREY BOTH FACES; WALKING SURFACES GREY EPOXY-AGGREGATE, PTV >= 45 (CD 353 cl 9.5); CONTRASTING NOSINGS. PARAPETS OVER THE RAILWAY: SOLID 6 mm STEEL SCREENS, FULL HEIGHT, SMOOTH INNER FACE, STEEPLE COPING, TOP 2.30 m OVER THE DECK (1.8 m MIN, CD 377 Table 8.6 / cl 8.9); EXTEND PAST THE OLE (NR/L3/CIV/020 cl 10.10). APPROACHES: GUARDING 1300 HIGH, FL 50x10 BARS AT < 100 CLEAR; HANDRAILS CHS 48.3 AT 950 BOTH SIDES OF STAIRS, RAMPS AND LANDINGS. BEARINGS: TO BS EN 1337 BY THE BEARING SUPPLIER - FIXED / GUIDED AT THE EAST PIER, GUIDED / FREE AT THE WEST; MOVEMENT JOINTS FLUSH, GAP <= 12 (CD 353 cl 9.7). ELECTRICAL: STEELWORK EARTHED AND BONDED TO NR REQUIREMENTS (BY OTHERS); NO WATER DISCHARGED ONTO THE RAILWAY. FOOTBRIDGE LIMITS FROM DMRB CD 353 REV 0 (2020), CD 377 REV 4 (2021) AND NETWORK RAIL NR/L3/CIV/020 (2011); RAILWAY CLEARANCES FROM RSSB GIRT7073 ISSUE 3 DRAFT - CONFIRM AGAINST CURRENT ISSUES AND THE NETWORK RAIL ASSET PROTECTION AGREEMENT.

SECTION A-A - TYPICAL BAY, LOOKING EAST

SCALE 1:25

- NOTES
- ALL DIMENSIONS IN MILLIMETRES, LEVELS IN METRES ON RAIL LEVEL ± 0.000 . DO NOT SCALE.
 - MEMBER SIZES INDICATIVE (SAMPLE) - THE BRIDGE DESIGNER'S APPROVED DESIGN GOVERNS.

REVISIONS			
REV	DATE	DESCRIPTION	BY

STATUS	
FOR APPROVAL (SAMPLE)	
DRAWN	CHECKED
JPA	
APPROVED	DATE
	OCT 2026

CLIENT	
NETWORK RAIL / WESTFIELD ESTATES (SAMPLE)	
PROJECT	
THORNLEIGH PARKWAY FOOTBRIDGE - NEW STEP-FREE CROSSING	
TITLE	
FOOTBRIDGE - APPROVAL GA MAIN SPAN - SECTION A-A	

JPA DESIGN	
STEEL & ALUMINIUM DETAILING	
APPROVAL, SET-OUT AND FABRICATION DRAWINGS	
DETAILED TO THE ENGINEERS AND ARCHITECTS DESIGN	
DRAWING No	REV
TP03-JPA-ZZ-XX-DR-S-AP-04	P01
SCALE @ A3	SHEET
1:25 @ A3	5 OF 11
SIZE	A3

