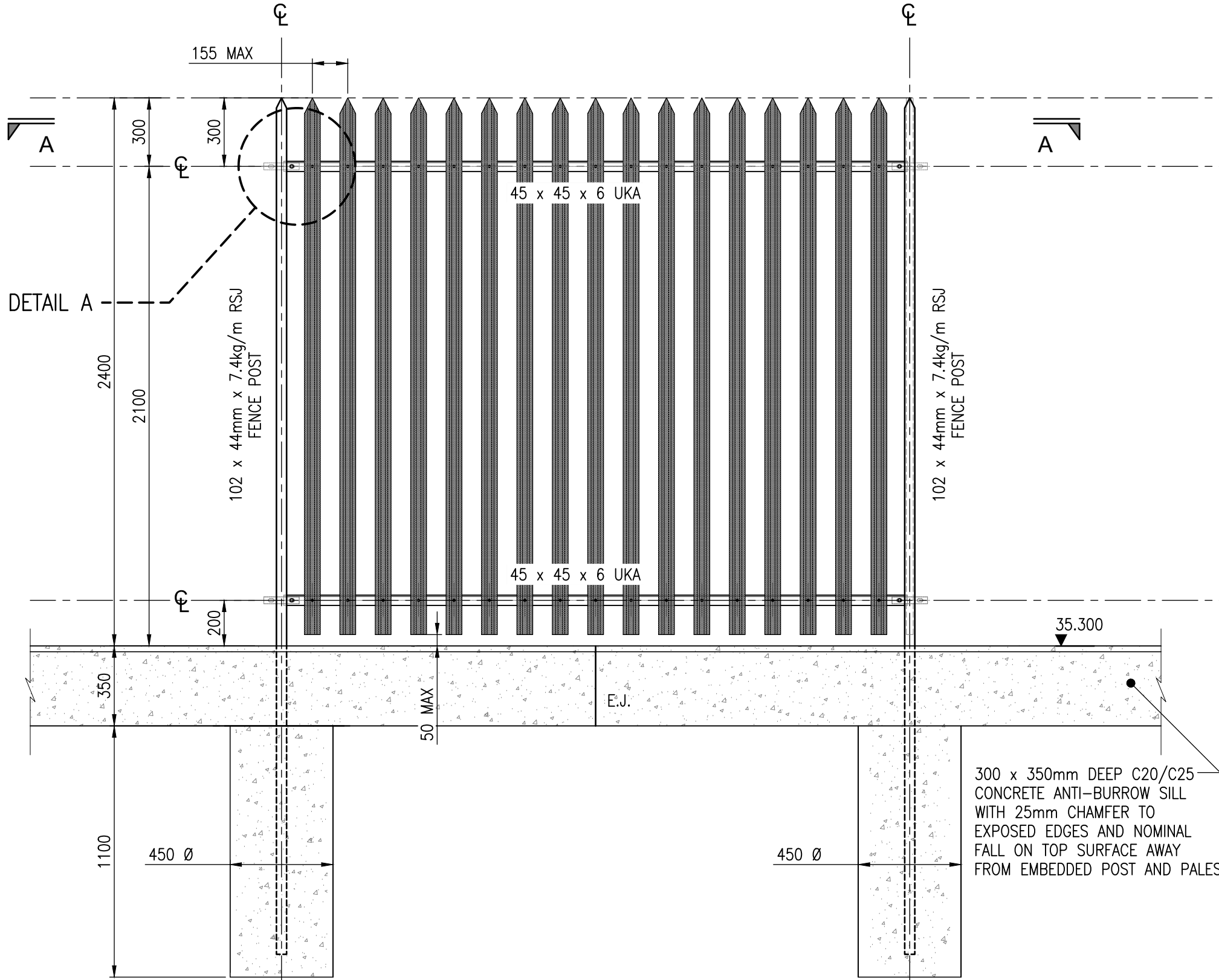
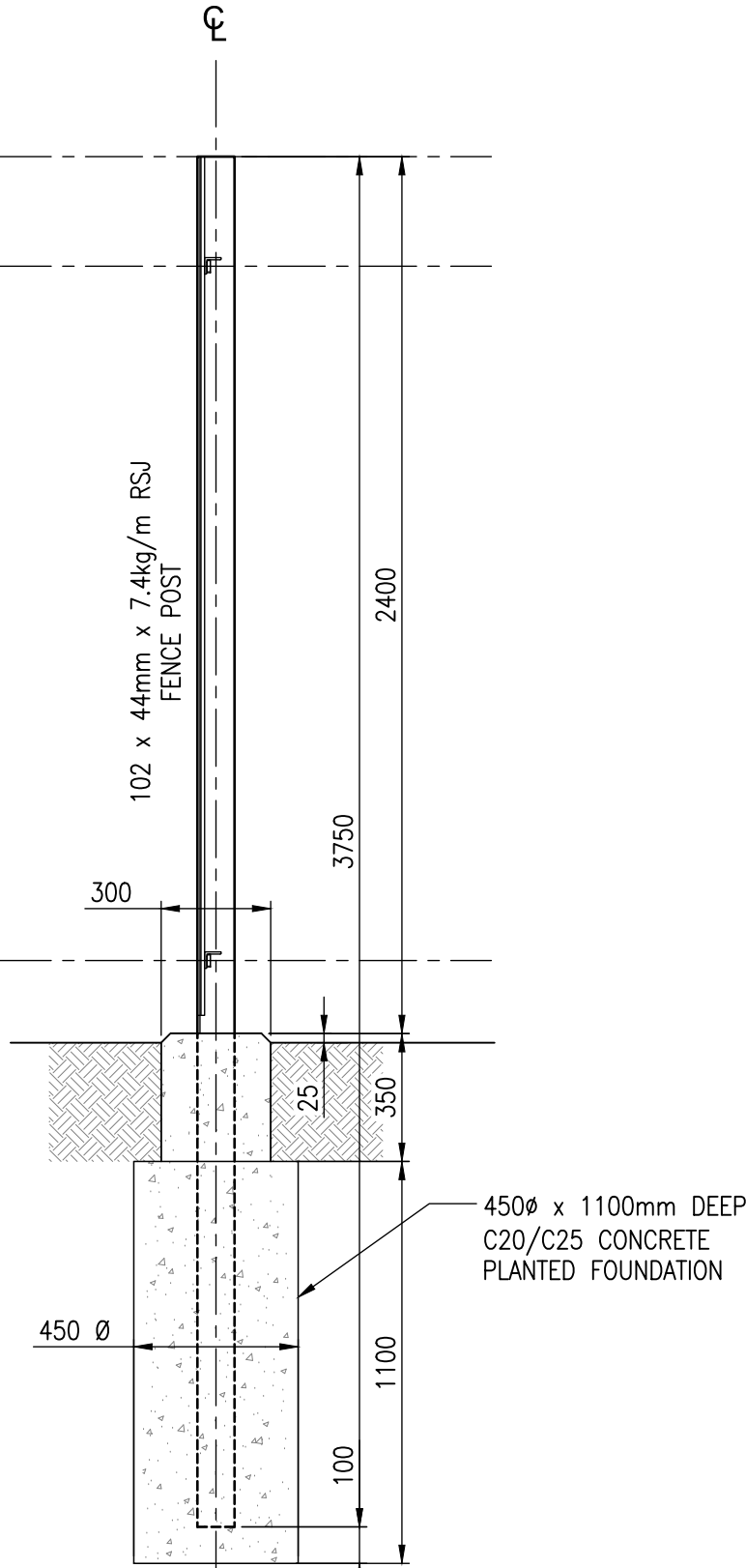


DO NOT SCALE FROM THIS DRAWING (IF IN DOUBT ASK)



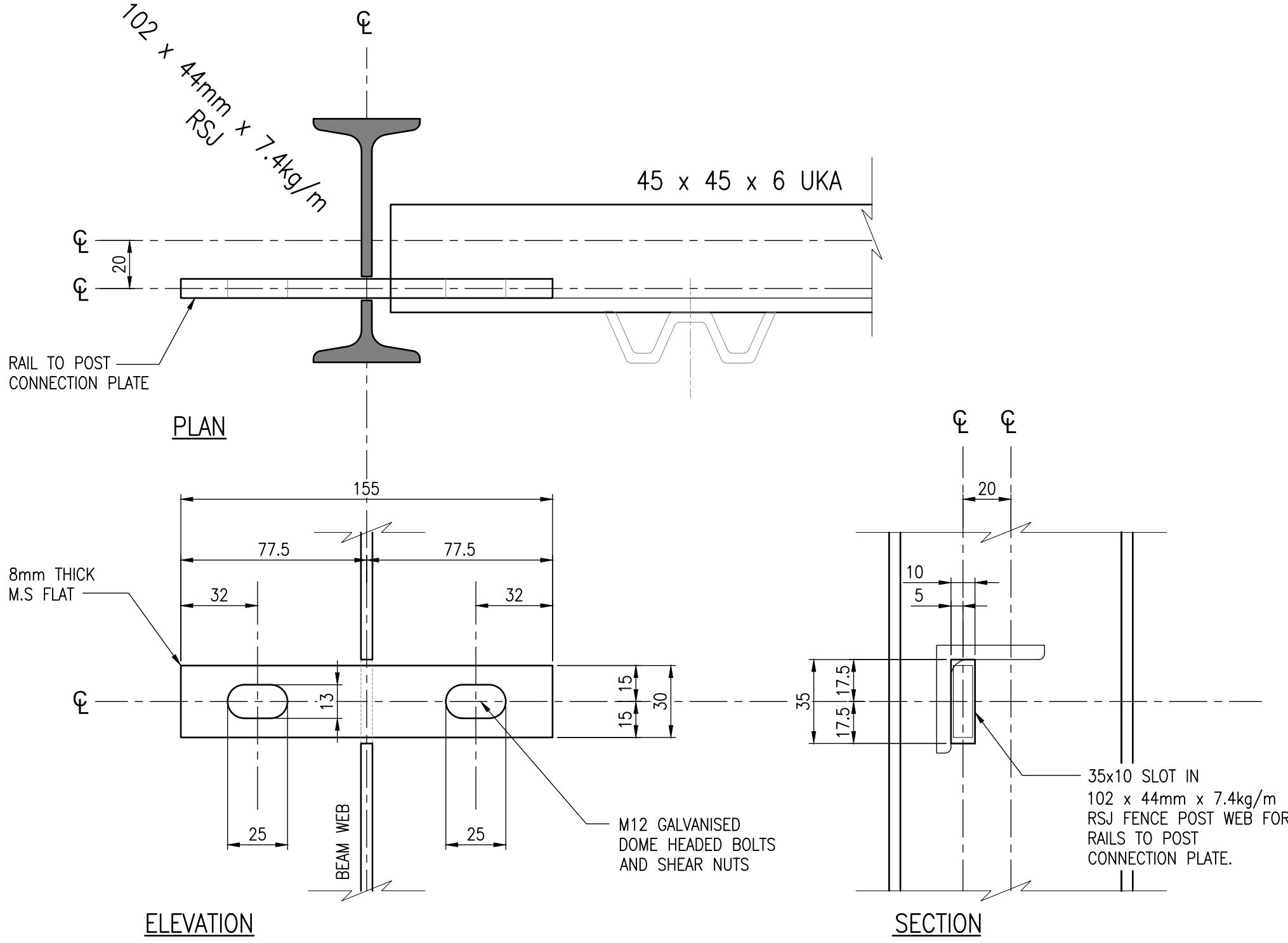
ELEVATION ON STANDARD FENCE PANEL

SCALE 1:20



STANDARD POST IN SECTION

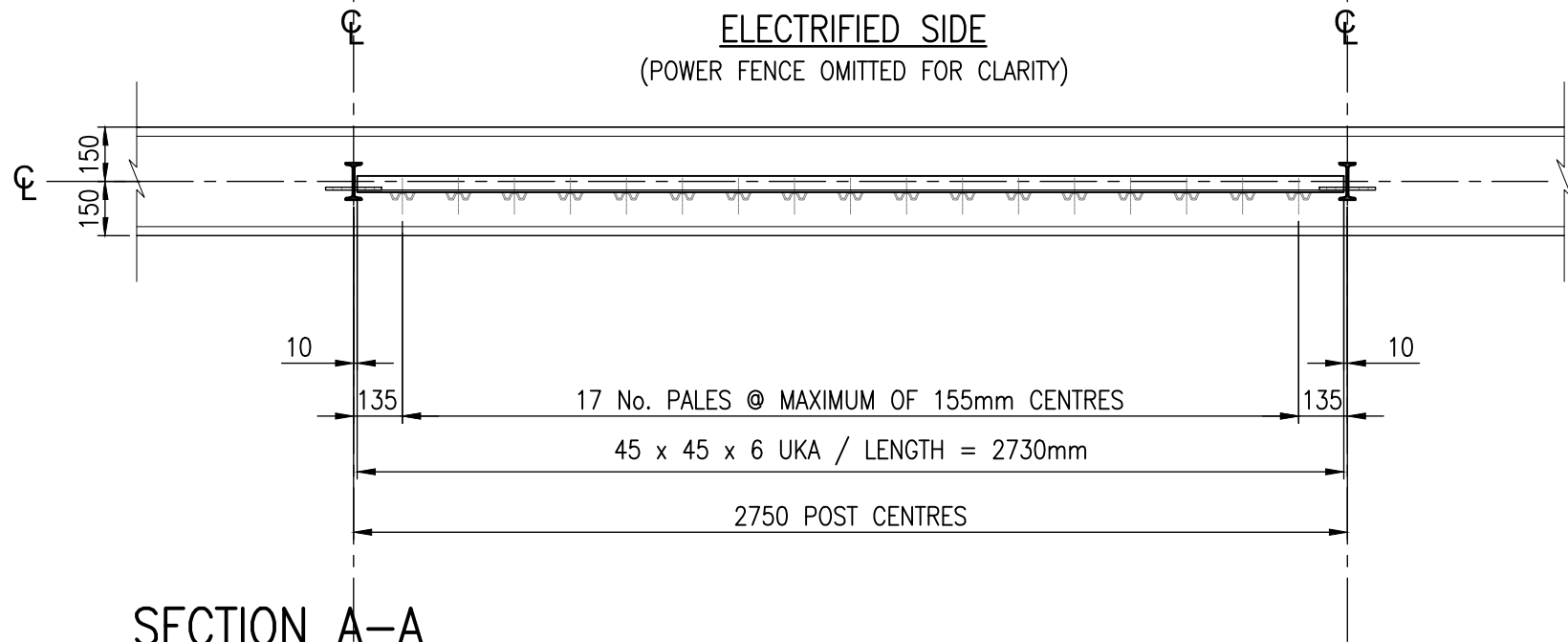
SCALE 1:20



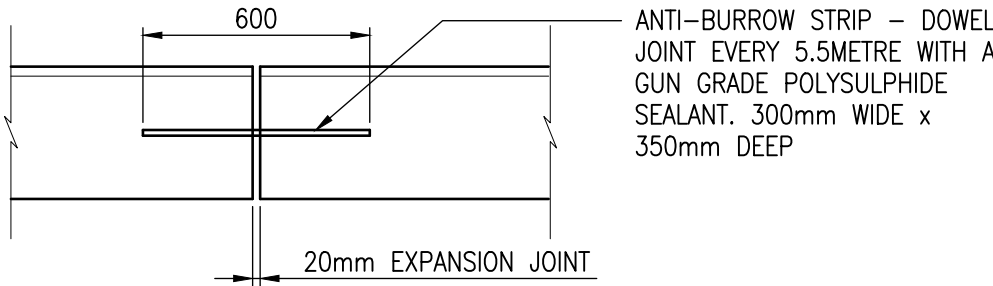
DETAIL A

(RAIL TO POST CONNECTION PLATE DETAIL)

SCALE 1:2

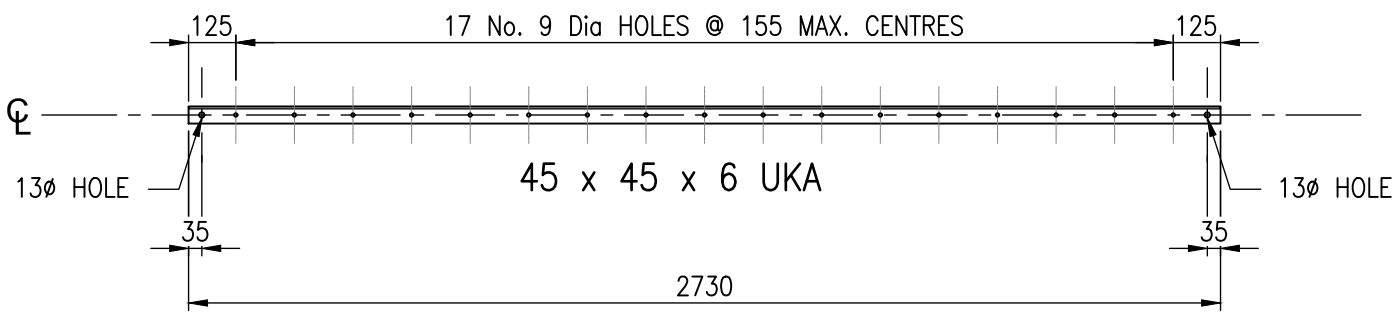


SCALE 1:20



EXPANSION JOINT DETAIL

SCALE 1:20



ELEVATION ON UKA RAIL

SCALE 1:20

NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETRES.
- THIS DRAWING READ IN CONJUNCTION WITH ALL OTHER RELEVANT SPECIFICATIONS AND DOCUMENTATION.
- ALL STEELWORK GRADE S275 J2 TO BS EN 10025
- ALL WELDS ARE CONTINUOUS 6mm FILLET
- ALL SHARP EDGES REMOVED FOLLOWING FABRICATION AND BEFORE GALVANISING.
- ALL STEEL COMPONENTS HOT DIPPED GALVANISED TO BS EN ISO 1461:1999 BEFORE ASSEMBLY TO A MIN. THICKNESS OF 85 MICRONS.
- GALVANISING DAMAGED DURING ASSEMBLY WIRE BRUSHED AND TREATED WITH A ZINC RICH PAINT.
- ALL HOLLOW SECTION MEMBERS PROVIDED WITH DRAINAGE HOLES TO ALLOW FOR GALVANISING.
- ALL DIMENSIONS SITE CHECKED PRIOR TO FABRICATION.
- BOLTS MINIMUM STRENGTH GRADE OF 8.8. NUTS STRENGTH GRADE OF 8.
- CONCRETE COVER TO ALL EMBEDDED UN-GALVANIZED OR UN-PROTECTED STEEL FENCING COMPONENTS AT LEAST 75mm.
- PRIOR TO HOT DIP GALVANISING A MINIMUM OF 4 NO. 4mm THICK STEEL LUGS WELDED TO THE BACK (INTERNAL FACE) OF EACH PALISADE FENCE POST AT APPROPRIATE CENTRES TO FACILITATE CONNECTION OF THE ELECTRIC PULSE FENCE SYSTEM SUPPORT POSTS. SHOT FIRED NAIL OR SIMILAR SYSTEMS THAT WILL DAMAGE THE HOT DIP GALVANISING NOT USED. TOPS OF THE LUGS ARE SLOPED AT 50 DEGREES FROM THE HORIZONTAL TO HINDER FOOT HOLDS.
- PALES TO RAIL FIXINGS ARE 8mm DIAMETER SWAGED COLLAR GROOVED
- HOT DIP GALVANISED MATERIALS NOT POST DRILLED. FIXINGS MADE AFTER HOT DIP GALVANISING MADE WITH CLAMPED FIXINGS.
- PALE TYPES CORRUGATED 'W' PROFILE FOR SP FENCES IN ACCORDANCE WITH BS 1722-12:2006 - FENCES. SPECIFICATION FOR STEEL PALISADE FENCES', HAVING A MINIMUM FACE TO VIEW (WIDTH) OF 70mm AND A NOMINAL THICKNESS OF 3mm. PALES SINGLE POINTED, SPLAYED AND RETURNED HEADS.
- PALES FITTED AT A MAXIMUM 155mm CENTRES, GIVING A MAXIMUM HORIZONTAL CLEAR GAP IN ANY PART OF THE PALISADE FENCE TO NOT EXCEED 85mm.
- THERE IS A NOMINAL CLEARANCE BETWEEN THE BOTTOM OF THE PALES AND THE TOP OF THE CONCRETE SILL BEAM OF 50mm.
- FENCE PANELS ARE ANCHORED INTO THE SILL ON THE CENTRE LINE WITH 2 No. PALE EXTENSIONS AT 1/3rd POINTS ALONG THE PANEL LENGTHS. THESE PALES EXTEND 250mm INTO THE SILLS.
- 2 No. PRE DRILLED 14ø HOLES TO BOTTOM RAIL EVERY 50m AND ON PANELS IMMEDIATELY ADJACENT TO ALL GATES FOR CONNECTION OF EARTH TAPE
- POST FOUNDATIONS AND SILLS HAVE A NOMINAL FALL AWAY FROM EMBEDDED POSTS AND PALES IN THE TOP SURFACES OF THE CONCRETE TO AID WATER RUN-OFF.

REFERENCE DRGS

80-405824-051 - LONDON 6 EXTERNAL FINISHES
80-405824-053 - LONDON 6 GATE DETAILS



Section: PROFESSIONAL SERVICES

Client: VIRTUS DATA CENTRES

Project: PROLOGIS PARK

Title: PALISADE SECURITY FENCE DETAILS
66/11kV LONDON 7 SS

Status: AS BUILT

Scale : 1:20 UNO Date : 15.04.19
Drawn : A.TEASDALE Checked : M.LOWE Approved : G.ARMITAGE

Client Dwg No. : FPS Dwg No. : 80-405824-052 Rev : AB

REVISION:	AB
DRAWN:	W.OGUNYINKA 19.03.20
CHECKED:	A.TEASDALE 19.03.20
APPROVED:	G.ARMITAGE 19.03.20

AS BUILT