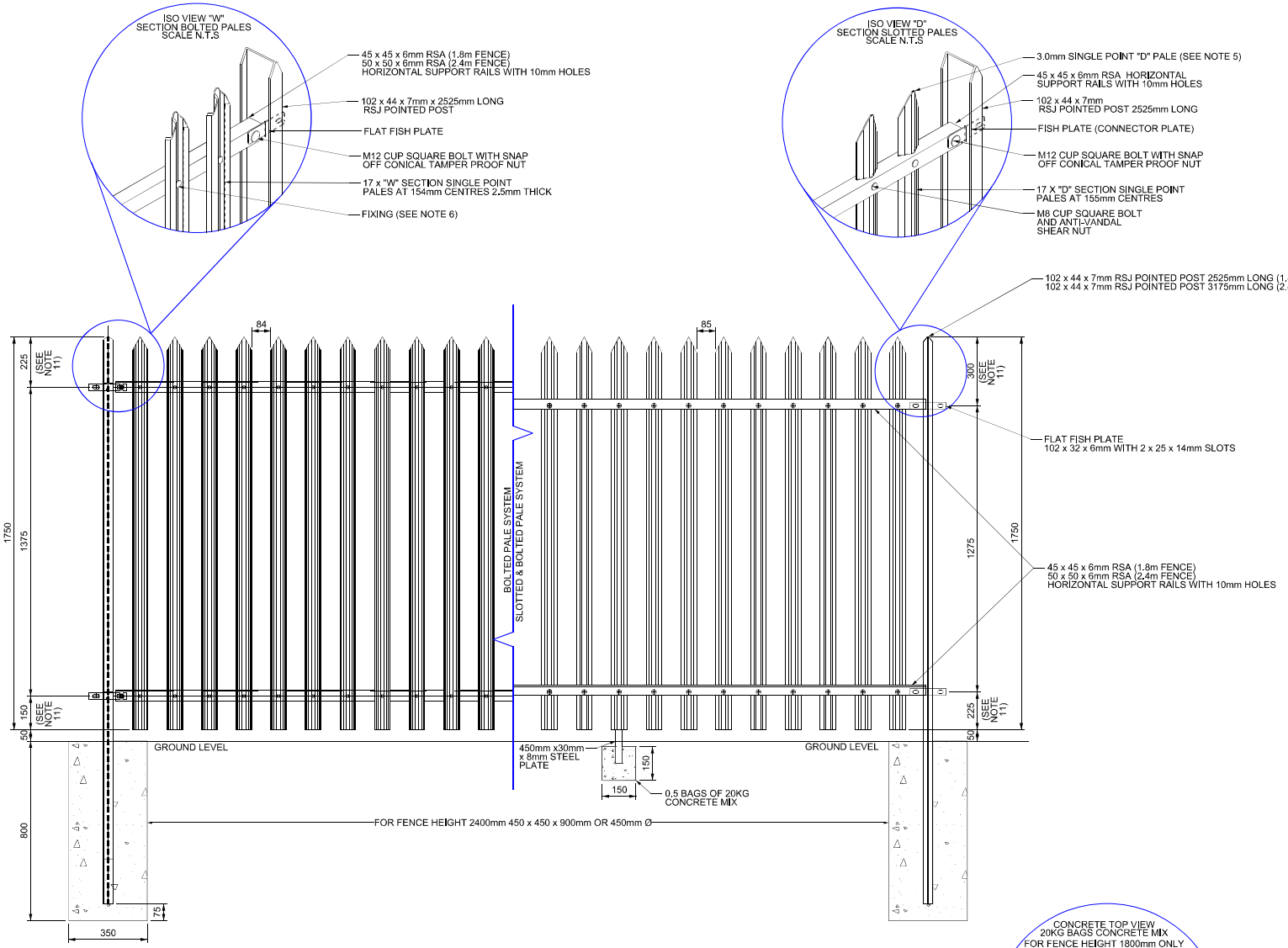

NOTES:

1. ROUNDED TOP PALES ARE ACCEPTABLE WHERE SITE SPECIFIC RISK ASSESSMENT IDENTIFIES SUITABILITY.
2. TRIPLE POINTED PALES SHALL NOT BE USED.
3. HOT DIPPED (BS EN ISO 1461 OR BS EN 10240) OR ADDITIONALLY POWDER COATED GREEN (RAL6005) OR BLACK (RAL9005)(BS1722-16) WHERE SPECIFIED.
4. FIXINGS DEPLOYED AS DETAILED.
5. SLOTTED AND BOLTED PALE SYSTEM - THE PALES ARE HOLED TO SUIT SPECIFICATION AND ARE LOCKED INTO POSITION BY MEANS OF M8 x 25mm BOLTS AND M8 ANTI-VANDAL NUTS. AN ADDITIONAL NUT SHOULD BE INSTALLED TO THE TOP RAIL AFTER THE SHEAR NUT HAS BEEN SNAPPED OFF.
6. BOLTED SYSTEM PALES FIXED WITH AVBOLT 21001-01214 RIVETS.
7. SPECIFICATION DRAWING OR COMPONENT DEVIATIONS REQUIRE PRE- INSTALLATION APPROVAL (IN WRITING FROM THE EMPLOYERS REPRESENTATIVE).
8. ALL CUTS, DAMAGE OR WELDING MADE AFTER GALVANISING SHOULD BE TREATED IMMEDIATELY WITH THREE COATS OF ZINC RICH PAINT.
9. STEEL PALISADE FENCES - MANUFACTURING AND INSTALLATION - SPECIFICATION ACCORDANCE TO BS1722-12.
10. TO BE READ AND USED ALONGSIDE MANDATORY COMPONENT SPECIFICATION DOCUMENT (NR/OTK/SD/BM/110/SPEC) AND BOUNDARY MEASURE MANAGEMENT MANUAL (NR/L2/OTK/5100). THESE DOCUMENTS OUTLINE REQUIREMENTS AND EXCLUSIONS FOR THE SPECIFIC FENCING TYPE.
11. FOR FENCE HEIGHTS 2400mm THE OVERSAIL TOP AND BOTTOM SHALL BE AS BS1722-12 TABLE 1 OR SHALL BE AS THE SPECIFIC MANUFACTURERS APPROVED DESIGN.
12. PROPRIETARY FISH END PLATES AND ANGLED FISH PLATES SHALL BE USED AT ENDS OF RUN AND WHEN TURNING THROUGH ANGLES.

    BENDING STANDARD FISH PLATES TO SUIT IS NOT PERMISSIBLE.
13. CONCRETE FOUNDATION DIMENSIONS SHOWN ARE MINIMUMS CONCRETE OF 20KG PER BAG.
    -SQUARE AND CIRCULAR FOUNDATIONS 5.5 AND 4.5 BAGS RESPECTIVELY FOR 1.8m HIGH FENCE.
    -SQUARE AND CIRCULAR FOUNDATIONS 10 AND 8 BAGS RESPECTIVELY FOR 2.4m HIGH FENCE.

REQUIRED PRE-FABRICATED CONNECTOR PLATES

STANDARD 90 DEGREE END PLATE

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B01	05/02/21	ISSUED FOR APPROVAL	AM	GM	KC
A02	17/07/20	AMENDMENTS FROM REVIEW	AM	GM	KC
A01	17/07/20	ISSUE FOR APPROVAL	AM	GM	KC
P04	28/02/19	AMENDMENTS FROM REVIEW	VK		

Status

PUBLISHED

NetworkRail

Contractor(s)

Project

BOUNDARY MEASURE STANDARD DRAWING

Drawing Title

CLASS IA - SECURITY PALISADE SLOTTED OR BOLTED PALE SYSTEM FENCE

Designed	J.CALLIS / A. LOVETT	Signed	Date	05/02/21
Drawn	A.MORGAN	Signed	Date	05/02/21
Checked	G.MICHAS	Signed	Date	05/02/21
Approved	K.CHILES	Signed	Date	05/02/21
Scale(s) AS SHOWN		ELR & T		

Sheet 1 of 1

Drawing Number NR/OTK/SD/BM/110

Revision B01

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