



NOTES CONTINUED:

8. STATIC CLEARANCES LESS THAN 370mm DO NOT PROVIDE BASIC INSULATION IN ACCORDANCE WITH RAILWAY GROUP STANDARD GL/RT1210.
9. GRADIENT OF TOP TUBE TO BE STEEPER THAN 1:5 (FOR EXAMPLE 1:3).
10. FOR CATENARY SUPPORT DETAILS SEE SHEET 3 AND FOR ALLOCATION REFERENCES SEE SHEET 4.
11. FOR PREVIOUS REVISIONS OF DRAWING AND NOT FOR FUTURE ALLOCATION STYLES (1MN & 2MN) REFER TO SHEETS 5 TO 7.
12. STATIC ELECTRICAL CLEARANCE FROM LIVE SIDE INSULATOR COLLAR IN ACCORDANCE WITH BS EN 50119:2020 FIGURE 2.
13. HEEL SETTING CAN BE ADJUSTED ON THIS TUBE IN ACCORDANCE WITH THE UKMS INSTALLATION MANUAL 141667-FAF-MAN-EOH-000003 ISSUE 2.0, SECTION 12.10.
14. MINIMUM & MAXIMUM DIMENSIONS SHOWN SHALL BE ADHERED TO AT CONSTRUCTION FINAL REGISTRATION FOR MAINTENANCE HAND BACK.
15. MINIMUM REACH TO BE CALCULATED ON A CASE BY CASE BASIS.

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
2. THE STAGGER VALUES ARE TO BE DESIGNED IN ACCORDANCE WITH THE UKMS ALLOCATION DESIGN MANUAL, 141667-FAF-MAN-EOH-000002 ISSUE 2.1, SECTION 12.7.
3. IN ALL CASES THE CATENARY SUPPORT TUBE IS TO BE INSTALLED IN A HORIZONTAL POSITION.
4. THE STAGGER DIFFERENCE BETWEEN THE CATENARY AND CONTACT WIRE TO BE MAINTAINED IN ACCORDANCE WITH THE UKMS MAINTENANCE MANUAL 141667-FAF-MAN-EOH-000004 ISSUE 2.2, SECTION 10.3.
5. MAXIMUM WORKING LOAD ON REGISTRATION ARM AND FITTINGS (Pc) = 3kN; HOWEVER ACTUAL WORKING LOAD IS LIMITED BY CANTILEVER DEFLECTION AT 0.9kN.
6. FOR TORQUE SETTINGS REFER TO INSTALLATION MANUAL.
7. COPPER BRIDLE WIRE TO BE INSTALLED IN LINE WITH DETAIL 'E' ON SHEET 3.

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
01	05/11/21	R00 DETAILS MOVED TO NEW SHEET 6.	TM	MP	HP

APPROVED



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Project
UK MASTER SERIES

Drawing Title
**UNDER BOOM LOW ENCUMBRANCE
SUPPORT AND REGISTRATION
ASSEMBLY
ENCUMBRANCE 185mm - 800mm**

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Checked	M.POWER	Signed	MP	Date	26/07/21
Approved	H.PASCALL	Signed	HP	Date	05/11/21

Scale(s) **1:20**

Alternative Reference Sheet 02 of 07

Drawing Number **MS/C99/T10/A3** Revision 01