



# NOTES CONTINUED:

- MAXIMUM WORKING LOAD (ACROSS TRACK) ON COPPER CATENARY WIRE (ITEM 26) ( $P_m$ ) = 2.7kN. MAXIMUM WORKING LOAD ON AWAC CATENARY WIRE (ITEM 25) ( $P_m$ ) = 6kN.
- FOR TORQUE SETTINGS REFER TO INSTALLATION MANUAL.
- CATENARY WIRE TO BE INSTALLED IN ACCORDANCE WITH DETAILS 'A' TO 'D'; SEE SHEET 3 AND NOTE 3 ON SHEET 4.
- GRADIENT OF TOP TUBE TO BE STEEPER THAN 1:5 (FOR EXAMPLE 1:3).
- 450mm MIN. ENCUMBRANCE FOR ALUMINIUM (AWAC) 5/2/3.95mm CATENARY CLAMP FITTING. REFER TO TABLE 3 ON SHEET 4.
- FOR PREVIOUS REVISIONS OF DRAWING AND NOT FOR FUTURE ALLOCATION STYLES (0MN & 1MN) REFER TO SHEETS 5 & 6.
- 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.
- MINIMUM & MAXIMUM DIMENSIONS SHOWN SHALL BE ADHERED TO AT CONSTRUCTION FINAL REGISTRATION FOR MAINTENANCE HAND BACK.
- MINIMUM REACH TO BE CALCULATED ON A CASE BY CASE BASIS.

# NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- 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.
- IN ALL CASES THE CATENARY REGISTRATION TUBE IS TO BE INSTALLED IN A HORIZONTAL POSITION.
- 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.
- MAXIMUM WORKING LOAD ON REGISTRATION ARM AND FITTINGS ( $P_c$ ) = 3.0kN; HOWEVER ACTUAL WORKING LOAD IS LIMITED BY CANTILEVER DEFLECTION AT 0.9kN.

01	05/11/21	R00 DETAILS MOVED TO NEW SHEET 5.	TM	MP	HP
Rev	Date	Description of Revisions	Drawn	Chkd	Appr

APPROVED



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## Project **UK MASTER SERIES**

Drawing Title  
**LOW ENCUMBRANCE  
CANTILEVER ASSEMBLY  
ENCUMBRANCE 185mm - 800mm**

Designed	J.FISHER	Signed	JF	Date	09/07/21
Drawn	T.MAULE	Signed	TM	Date	09/07/21
Checked	M.POWER	Signed	MP	Date	01/10/21
Approved	H.PASCALL	Signed	HP	Date	05/11/21

Scale(s)  
**1:20**

Alternative Reference	Sheet 01 of 06
Drawing Number <b>MS/C99/T06/A3</b>	Revision 01