



PULL OFF CANTILEVER ASSEMBLY
REFERENCE No. C99/T04/L11, L12, L21 & L22

- Fixed encumbrances provided on drawing,
- no minimum or maximum encumbrance
- limits provided for note 15

NOTES CONTINUED:

8. MAXIMUM WORKING LOAD ON CONTACT WIRE (P_c) = 2.5kN.
9. MAXIMUM WORKING LOAD (ACROSS TRACK) ON COPPER CATENARY WIRE (ITEM 22) (P_m) = 2.7kN. MAXIMUM WORKING LOAD ON AWAC CATENARY WIRE (ITEM 26) (P_m) = 6kN.
10. FOR TORQUE SETTINGS REFER TO INSTALLATION MANUAL.
11. CATENARY WIRE TO BE INSTALLED IN LINE WITH DETAILS 'A' TO 'D'; SEE SHEET 2.
12. FOR FRAME ALLOCATION REFERENCES SEE TABLE 3 ON SHEET 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. FOR PREVIOUS REVISIONS OF DRAWING AND NOT FOR FUTURE ALLOCATION STYLES (0MN AND 1MN) REFER TO SHEETS 3 & 4.
15. FOR NON STANDARD ENCUMBRANCES DESIGNER TO CHECK CLEARANCE FROM CONTENTARY TO NOSE TUBE.
16. MINIMUM & MAXIMUM DIMENSIONS SHOWN SHALL BE ADHERED TO AT CONSTRUCTION FINAL REGISTRATION FOR MAINTENANCE HAND BACK.

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. TOP TUBES OF CANTILEVERS IN
OVERLAPS AND CROSSOVER
ARRANGEMENTS ARE TO BE GRADED
ACCORDINGLY.
4. VERTICAL REGISTRATION TUBE (ITEM 28)
TO BE INSTALLED IN A VERTICAL POSITION
(ALSO SEE NOTE 5 ON SHEET 2).
5. REGISTRATION TUBE TO BE INSTALLED
IN A HORIZONTAL POSITION ON PUSH
OFF CANTILEVERS.
6. BRACE TO BE INSTALLED AS REQUIRED IN
TABLE 3 SHEET 2.
7. 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.

02	05/11/21	R01 DETAILS MOVED TO NEW SHEET 3.	TM	MP	HP
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					

APPROVED



Chief Mechanical and Electrical Engineer
The Quadrant:MK,
Elder Gate,
Milton Keynes, MK9 1EN

Project

UK MASTER SERIES

Drawing Title

REACH OVER
CANTILEVER ASSEMBLY
ENCUMBRANCE 1200mm NOM. (PULL OFF)
& 1450mm NOM. (PUSH OFF)

Designed	J.FISHER	Signed	JF	Date	09/07/21
Drawn	T.MAULE	Signed	TM	Date	09/07/21
Checked	M.POWER	Signed	MP	Date	16/07/21
Approved	H.PASCALL	Signed	HP	Date	05/11/21

Scale(s)	1:20
----------	------

Alternative Reference

Sheet
01 of 04

Drawing Number

MS/C99/T04/A3

Revision
02