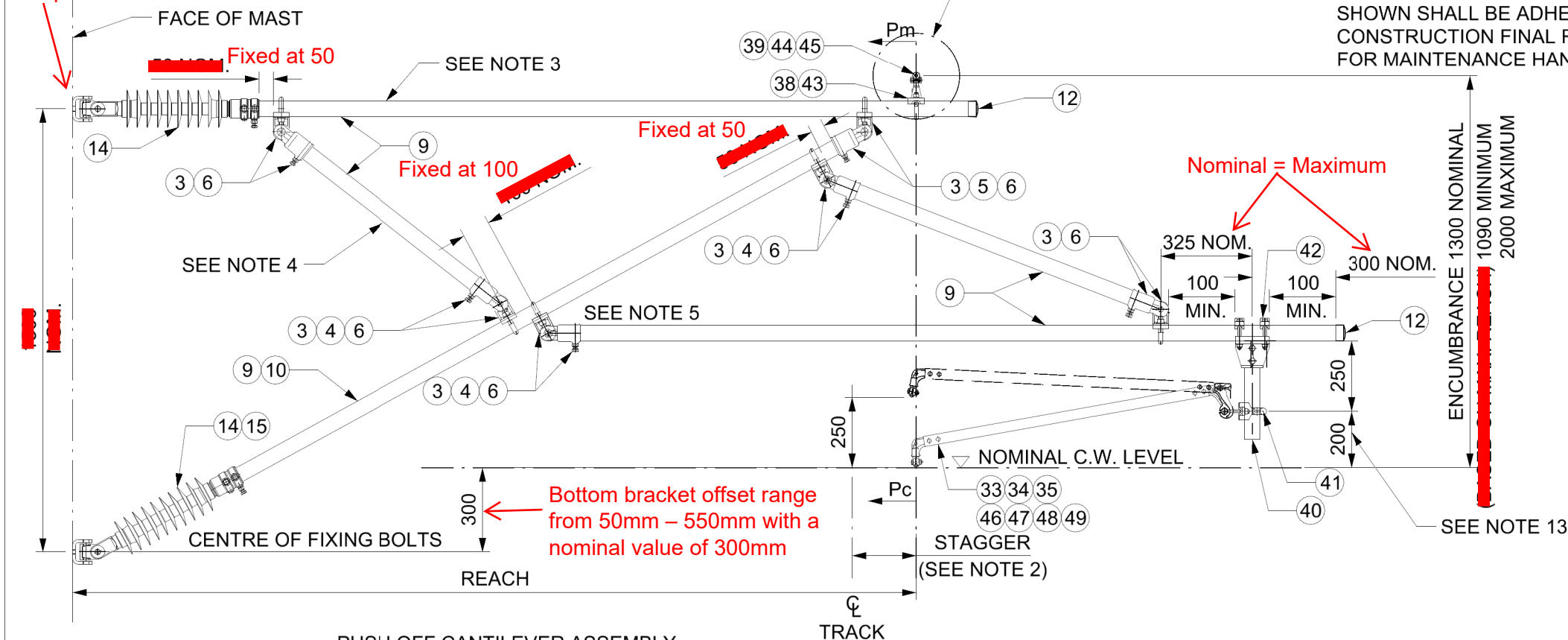


Bottom bracket offset range from 50mm – 550mm with a nominal value of 300mm

PULL OFF CANTILEVER ASSEMBLY  
REFERENCE No. C99/T01/L1N, L2N, L5N & L6N

Bracket Separation -500/+500 at top bracket



#### NOTES CONTINUED:

8. MAXIMUM WORKING LOAD ON CONTACT WIRE ( $P_c$ ) = 3kN.
9. MAXIMUM WORKING LOAD (ACROSS TRACK) ON COPPER CATENARY WIRE (ITEM 38) ( $P_m$ ) = 2.7kN. MAXIMUM WORKING LOAD ON AWAC CATENARY WIRE (ITEM 43) ( $P_m$ ) = 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 PREVIOUS REVISIONS OF DRAWING AND NOT FOR FUTURE ALLOCATION STYLES (0MN TO 3MN) REFER TO SHEETS 3 & 4.
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 COPPER CATENARY MPA REFER TO DRAWING MS/B05/B01/A3 (MS/C99/E06/A3). FOR ALUMINIUM (AWAC) CATENARY MPA REFER TO OLEMI DRAWING 1/5/101/A1; AND ALSO DETAIL 'D' AND NOTE 8 ON SHEET 2.
15. 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. IN NORMAL CASES TOP TUBE TO BE INSTALLED IN A HORIZONTAL POSITION. TOP TUBES OF CANTILEVERS IN OVERLAPS AND CROSSOVER ARRANGEMENTS ARE GRADED ACCORDINGLY.
4. BRACE TO BE INSTALLED AS REQUIRED IN TABLE 4 (SHEET 3).
5. REGISTRATION TUBE TO BE INSTALLED IN A HORIZONTAL POSITION.
6. 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.
7. FOR STEADY ARM SELECTION, FRAME ALLOCATION AND ALLOCATION REFERENCES REFER TO SHEET 2.

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

APPROVED



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

Project

## UK MASTER SERIES

Drawing Title

STANDARD OPEN ROUTE  
CANTILEVER ASSEMBLY  
INC. MID POINT ANCHOR  
ENCUMBRANCE 1090mm - 2000mm  
(CATENARY ABOVE TOP TUBE)

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/T01/A3

Revision  
02