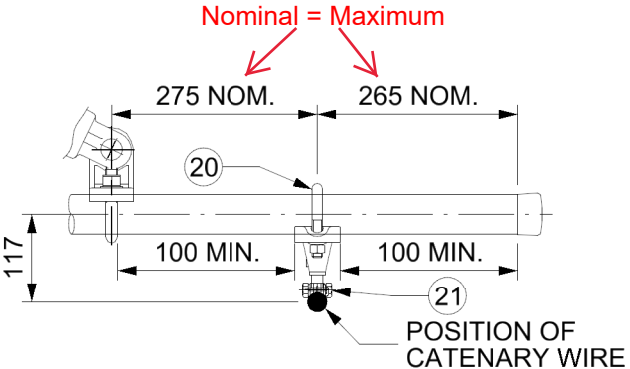
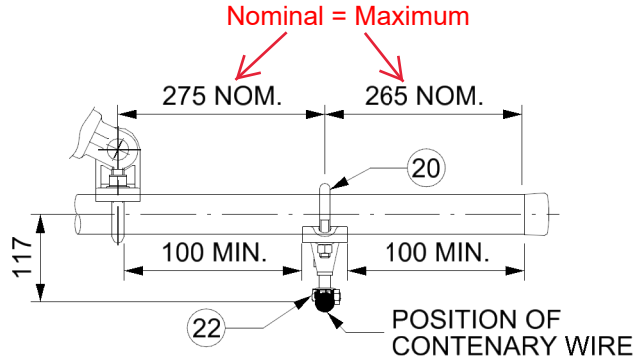


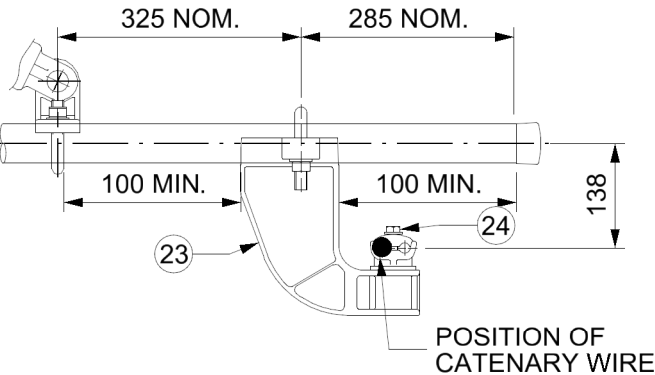
DETAIL 'A' BALL SWIVEL CLAMP BELOW TUBE
(PULL OFF ONLY)
(FOR STRANDED COPPER CONDUCTOR)
(SEE NOTE 4)



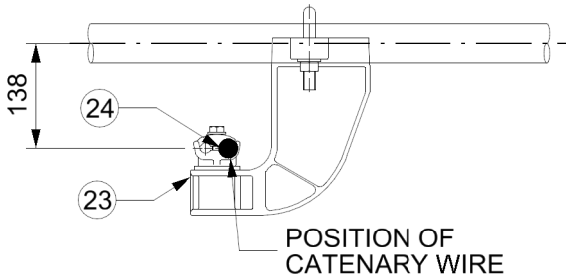
DETAIL 'B' BALL SWIVEL CLAMP BELOW TUBE
(PULL OFF ONLY)
(FOR AC107/AC120 CONTACT WIRE(CONTENARY))
(SEE NOTE 4)



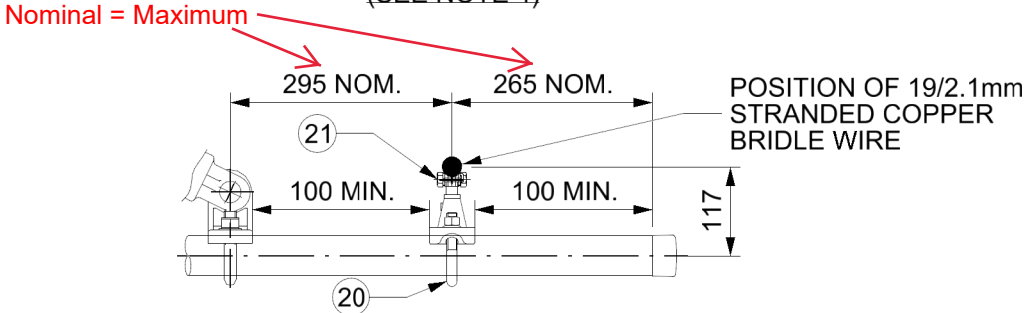
DETAIL 'C' PULL OFF CATENARY SUPPORT BELOW TUBE
(FOR ALUMINIUM (AWAC) 5/2/3.95mm CATENARY)



DETAIL 'D' PUSH OFF CATENARY SUPPORT BELOW TUBE
(FOR ALUMINIUM (AWAC) 5/2/3.95mm CATENARY)



DETAIL 'E' BALL SWIVEL CLAMP ABOVE TUBE
(PULL OFF ONLY)
(FOR 19/2.1mm STRANDED COPPER BRIDLE)
(SEE NOTE 4)



NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
2. FOR ASSEMBLY DETAILS AND GENERAL NOTES SEE SHEETS 1 & 2.
3. FOR PREVIOUS REVISIONS OF DRAWING AND NOT FOR FUTURE ALLOCATION STYLES (1MN & 2MN) REFER TO SHEETS 5 TO 7.
4. FOR PUSH OFF STYLES THE SETTING OUT DIMENSIONS AND PRESENCE OF INVERTED TOP TUBES IN DETAILS 'A', 'B' AND 'E' DO NOT APPLY.

01	05/11/21	R00 DETAILS MOVED TO NEW SHEET 7.	TM	MP	HP
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Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					

APPROVED



Infrastructure Design Group
Electrification and Plant
Waterloo General Offices
Waterloo Station, London SE1 8SW

Project
UK MASTER SERIES

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

Designed	J.FISHER	Signed	JF	Date	19/07/21
Drawn	T.MAULE	Signed	TM	Date	19/07/21
Checked	M.POWER	Signed	MP	Date	26/07/21
Approved	H.PASCALL	Signed	HP	Date	05/11/21

Scale(s) **1:10**

Alternative Reference
Sheet
03 of 07

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