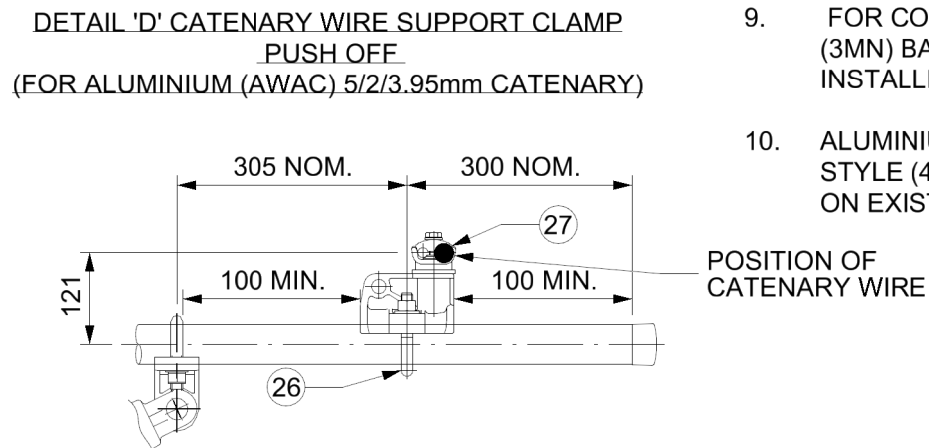
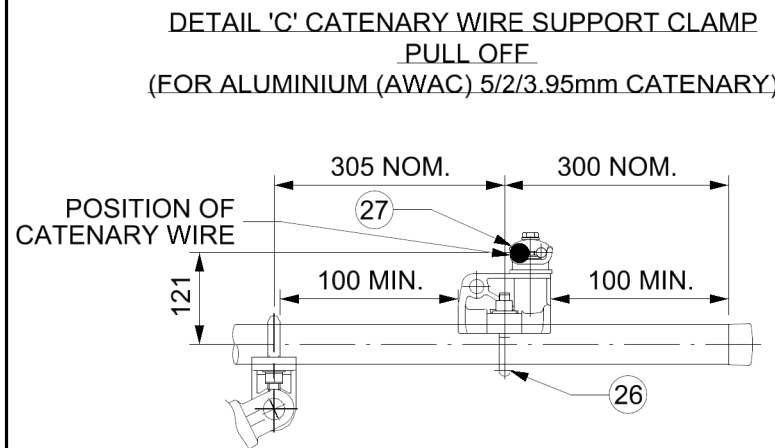
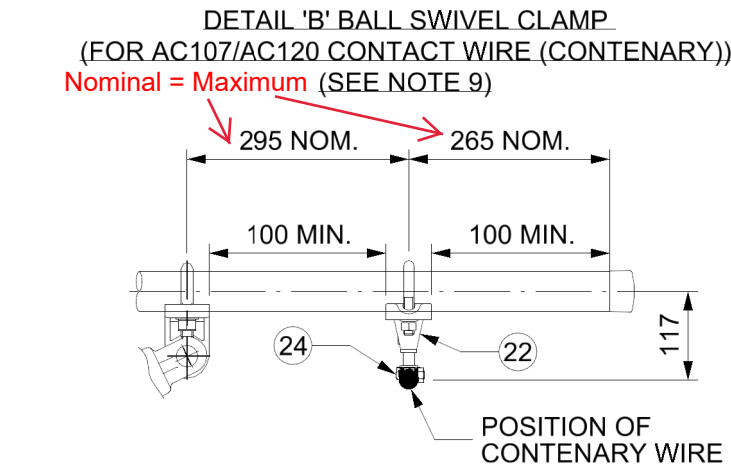
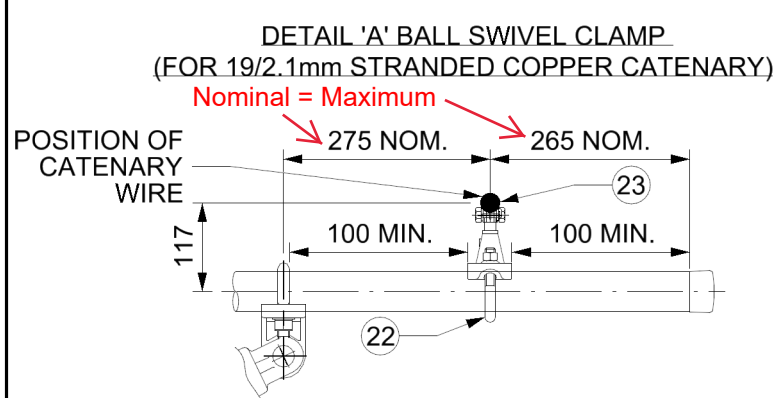




NOTES CONTINUED:

- FOR CANTILEVER NOMENCLATURE REFER TO DETAIL 'E' CONTAINED WITHIN UKMS DRAWING MS/C99/T01/A3.
- FOR PREVIOUS REVISIONS OF DRAWING WITH NOT FOR FUTURE ALLOCATION STYLES (0MN AND 1MN) REFER TO SHEETS 3 & 4.
- ITEM NUMBERS CONTAINED WITHIN TABLES 2, 3 & 4 ARE COMPATIBLE WITH NOT FOR FUTURE ALLOCATION ASSEMBLY STYLES, REFER TO TABLE 1 ON SHEET 4.
- FOR CONTENARY STYLE ALLOCATION (3MN) BALL SWIVEL CLAMP IS TO BE INSTALLED BELOW THE TUBE ONLY.
- ALUMINIUM (AWAC) CATENARY CLAMP STYLE (4MN) IS FOR RETROSPECTIVE FIT ON EXISTING Mk3 AREAS ONLY.

NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- FOR ASSEMBLY DETAILS AND GENERAL NOTES SEE SHEET 1.
- REACH VALUES QUOTED ARE BASED ON THE NOMINAL ENCUMBRANCE FOR THE PULL OFF AND PUSH OFF REACHOVER CANTILEVERS. ALLOCATION DESIGNER TO VERIFY REACH IS SUITABLE IF DIFFERENT ENCUMBRANCES REQUIRED.
- ALLOCATION REFERENCE IS IN THE FORM OF THE 2ND & 3RD REFERENCES IN THE DRAWING NUMBER AND THE STYLE 'LMN' WHERE 'L' IS FROM TABLE 2, 'M' IS FROM TABLE 3 AND 'N' IS FROM TABLE 4.
E.G. C99/T04/221 IS A 1100mm PULL OFF REACH OVER WITH A MAXIMUM RADIAL LOAD OF 3000N, MAXIMUM REACH OF 5060mm WITH ADDITIONAL 55mm DIA. BRACE FOR A 19/2.1mm STRANDED COPPER CATENARY.
- VERTICAL REGISTRATION TUBE LENGTH FOR PULL OFF CANTILEVER (ITEM 28) TO BE CUT TO LENGTH TO SUIT SITE CONDITIONS.

TABLE 2 - CATENARY CLAMP ALLOCATION

CATENARY TYPE	ITEM No.			22	23	24	26	27
	COMPONENT Ref. No.			001	001	001	8WL2034-3	001
	ASSEMBLY Ref. No.			K06	G84	B05		B94
				C22	C21	C23		C21
NOT FOR FUTURE ALLOCATION	C99	T04	0MN	-	-	-	-	-
NOT FOR FUTURE ALLOCATION	C99	T04	1MN	-	-	-	-	-
19/2.1mm STRANDED COPPER CATENARY	C99	T04	2MN	1	1	-	-	-
AC107/AC120 CONTACT WIRE (CONTENARY)	C99	T04	3MN	1	-	1	-	-
ALUMINIUM (AWAC) 5/2/3.95mm CATENARY	C99	T04	4MN	-	-	-	1	1

SEE NOTE 7

SEE NOTE 9

SEE NOTE 10

TABLE 4 - REGISTRATION ALLOCATION

REGISTRATION ARM (mm)	ITEM No.			19	30
	COMPONENT Ref. No.			001	8WL3508-7
	ASSEMBLY Ref. No.			T01	
				C23	
1100 REACH OVER ARM	C99	T04	LM1	1	-
1300 REACH OVER ARM	C99	T04	LM2	-	1

SEE NOTE 6

Minimum reach values not provided on drawing

TABLE 3 - FRAME ALLOCATION			TUBE SIZES (mm)					ITEM No.			3	5	7	10	11	17	18	25	28	29
			TOP TUBE	STRUT TUBE	REG. TUBE	NOSE TUBE	BRACE	COMPONENT REF No.			8WL2115-1	8WL2121-5	996 T02 C48	8WL2184-3	8WL3078-2A	8WL2217-0	8WL2244-0	8WL2114-1A	185 T04 C23	185 T04 C23
PULL OFF/ PUSH OFF	MAX. RADIAL LOAD (N)	MAX. REACH (mm)						ASSEMBLY REF. No.												
PULL OFF	1200 N	3710	55	55	55	55	-	C99	T04	L1N	1	1	870	1	2	2	-	1	1	-
	3000 N	5060	55	55	55	55	55	C99	T04	L2N	3	3	1310	1	2	2	-	1	1	-
PUSH OFF	1200 N	3710	55	55	55	55	-	C99	T04	L3N	4	4	1145	2	2	-	1	1	-	1
	3000 N	5060	55	55	55	55	55	C99	T04	L4N	6	6	1630	2	2	-	1	1	-	1

SEE NOTE 5

02	05/11/21	R01 DETAILS MOVED TO NEW SHEET 4.	TM	MP	HP
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					

APPROVED



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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) **1:10**

Alternative Reference Sheet **02 of 04**

Drawing Number **MS/C99/T04/A3** Revision **02**