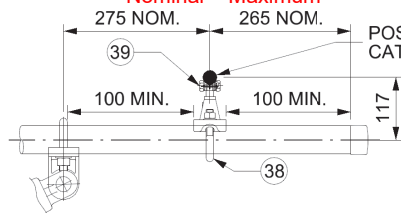
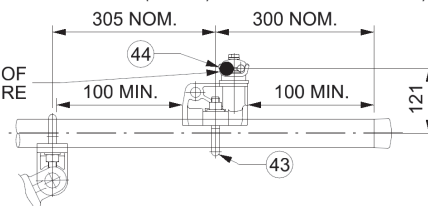


DETAIL 'A' BALL SWIVEL CLAMP
(FOR 19/2.1mm STRANDED COPPER CATENARY)



DETAIL 'B' CATENARY WIRE SUPPORT CLAMP
PULL OFF
(FOR ALUMINIUM (AWAC) 5/2/3.95mm CATENARY)



DETAIL 'E' NOMENCLATURE
SCALE: 1:20

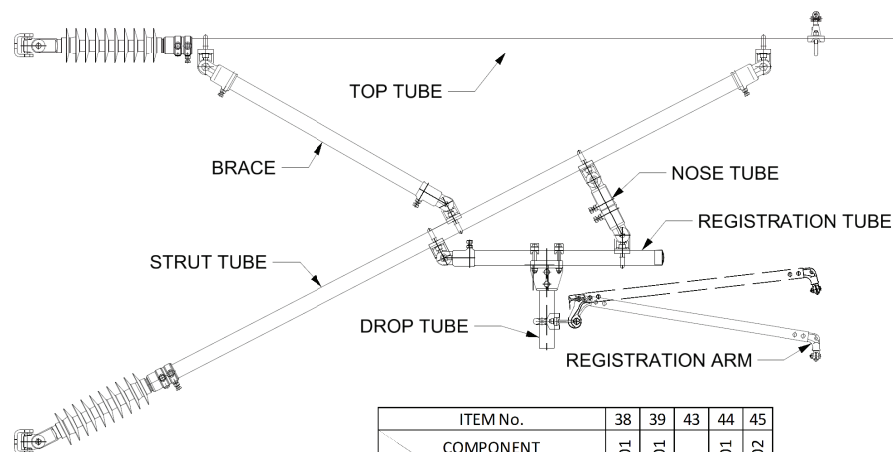


TABLE 3 - CATENARY CLAMP ALLOCATION

CATENARY TYPE	ITEM No.			38	39	43	44	45
	COMPONENT			001	001		001	002
	Ref. No.			K06	G84	8WL2034-3	B94	B94
	ASSEMBLY			C22	C21		C21	C21
	Ref. No.							
NOT FOR FUTURE ALLOCATION	C99	T01	0MN	-	-	-	-	-
NOT FOR FUTURE ALLOCATION	C99	T01	1MN	-	-	-	-	-
NOT FOR FUTURE ALLOCATION	C99	T01	2MN	-	-	-	-	-
NOT FOR FUTURE ALLOCATION	C99	T01	3MN	-	-	-	-	-
19/2.1mm STRANDED COPPER CATENARY (INCL. MPA)	C99	T01	4MN	1	1	-	-	-
ALUMINIUM (AWAC) 5/2/3.95mm CATENARY	C99	T01	5MN	-	-	1	1	-
ALUMINIUM (AWAC) 5/2/3.95mm CATENARY - MPA	C99	T01	6MN	-	-	1	-	2

SEE NOTE 6

SEE NOTE 9

SEE NOTES 8 & 9

Minimum reach values not provided on drawing

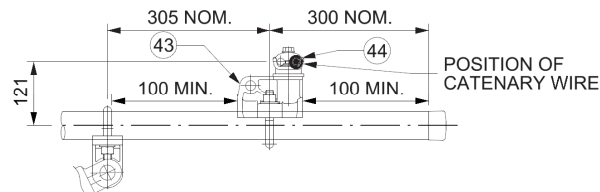
TABLE 4 - FRAME ALLOCATION

CANTILEVER TYPE	PULL OFF/ PUSH OFF	MAX. RADIAL LOAD (N)	MAX. REACH (mm)	TUBE SIZES (mm)					ITEM No.			3	4	5	6	9	10	12	14	15	40	41	42
				TOP TUBE	STRUT TUBE	REG. TUBE	NOSE TUBE	BRACE	COMPONENT Ref. No.	ASSEMBLY Ref. No.		8WL2115-1	8WL2116-0	8WL2120-7	8WL2121-5	C48	C48	8WL2184-3	8WL3078-2A	8WL3078-2B	C23	8WL2114-1A	8WL2244-0
STANDARD	PULL OFF	1200	3710	55	55	55	55	-	C99	T01	L1N	4	-	-	4	865	-	2	2	-	1	1	1
		3000	5060	55	55	55	55	55	C99	T01	L2N	6	-	-	6	1380	-	2	2	-	1	1	1
	PUSH OFF	1200	3710	55	55	55	55	-	C99	T01	L3N	4	-	-	4	1235	-	2	2	-	1	1	1
		3000	5060	55	55	55	55	55	C99	T01	L4N	6	-	-	6	1730	-	2	2	-	1	1	1
MPA	PULL OFF	1200	3710	55	55	55	55	-	C99	T01	L5N	4	-	-	4	865	-	2	2	-	1	1	1
		3000	5060	55	55	55	55	55	C99	T01	L6N	6	-	-	6	1380	-	2	2	-	1	1	1
	PUSH OFF	1200	3710	55	55	55	55	-	C99	T01	L7N	4	-	-	4	1235	-	2	2	-	1	1	1
		3000	5060	55	70	55	55	55	C99	T01	L8N	3	3	1	5	1265	470	2	1	1	1	1	1

NOTES CONTINUED:

- FOR ALUMINIUM (AWAC) CATENARY MPA STYLE (6MN) LINE CLAMPS (x2) (125/057/001) ARE TO BE ALLOCATED SEPARATELY AND COPPER STYLE TWO WIRE GRIPS (x4) (C21/B71/001) TO BE CREDITED WITHIN MS/C99/E06/A3.
- ALUMINIUM (AWAC) CATENARY CLAMP STYLES (5MN & 6MN) ARE FOR RETROSPECTIVE FIT ON EXISTING Mk3 AREAS ONLY.

DETAIL 'C' CATENARY WIRE SUPPORT CLAMP
PUSH OFF
(FOR ALUMINIUM (AWAC) 5/2/3.95mm CATENARY)



DETAIL 'D' CATENARY WIRE SUPPORT CLAMP
MPA
(FOR ALUMINIUM (AWAC) 5/2/3.95mm CATENARY)
(SEE NOTE 8)

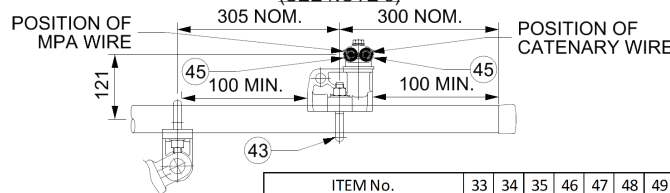


TABLE 5 - REGISTRATION ALLOCATION

REGISTRATION ARM (mm)	ITEM No.			33	34	35	46	47	48	49
	COMPONENT			8WL3500-3A	8WL3500-3D	8WL3500-3G	8WL3500-8L	8WL3500-8N	8WL3500-8T	8WL3500-8U
	Ref. No.									
	ASSEMBLY									
	Ref. No.									
900 STRAIGHT	C99	T01	LM1	1	-	-	-	-	-	-
1100 STRAIGHT	C99	T01	LM2	-	1	-	-	-	-	-
1300 STRAIGHT	C99	T01	LM3	-	-	1	-	-	-	-
1000 ANGLED	C99	T01	LM4	-	-	-	1	-	-	-
1150 ANGLED	C99	T01	LM5	-	-	-	-	1	-	-
1350 ANGLED	C99	T01	LM6	-	-	-	-	-	1	-
1450 ANGLED	C99	T01	LM7	-	-	-	-	-	-	1

NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- FOR ASSEMBLY DETAILS AND GENERAL NOTES SEE SHEET 1.
- BRACES TO BE INSTALLED AS REQUIRED IN TABLE 4.
- ALLOCATION DESIGNER TO VERIFY MINIMUM REACH VALUES.
- ALLOCATION REFERENCE IS IN THE FORM OF THE 2ND & 3RD REFERENCES IN THE DRAWING NUMBER AND THE STYLE 'LMN' WHERE 'L' IS FROM TABLE 3, 'M' FROM TABLE 4 AND 'N' FROM TABLE 5. E.G. C99/T01/423 IS A STANDARD PULL OFF, RADIAL LOAD >1200N REQUIRING A BRACE, WITH A MAXIMUM REACH OF 5060mm, FOR A 19/2.1mm STRANDED COPPER CATENARY AND A 1300mm STRAIGHT REGISTRATION ARM.
- FOR PREVIOUS REVISIONS OF DRAWING AND NOT FOR FUTURE ALLOCATION STYLES (0MN TO 3MN) REFER TO SHEETS 3 & 4.
- ITEM NUMBERS CONTAINED WITHIN TABLES 3, 4 & 5 ARE COMPATIBLE WITH NOT FOR FUTURE ALLOCATION ASSEMBLY STYLES, REFER TO TABLES 1 & 2 ON SHEET 4.

02	05/11/21	R01 DETAILS MOVED TO NEW SHEET 5.	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

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)	1:10				
Alternative Reference				Sheet	02 of 04
Drawing Number				Revision	02
MS/C99/T01/A3					