Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/2146-2 Rev B

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Drg No. 2146

Bar mark	Type and size	No. of mbrs	No. of bars in each	Total no.	Length of each bar † mm	Shape code	A* mm	B* mm	C* mm	D* mm	E/R* mm	Rev letter
101	B20	1	8	8	4000	99	985	425	1175	425	(985)	
							45		0 RAD		45	
103	B32	1	8	8	8175	99	1325		5520		1325	
							3280 RAD		26715 RAD		3280 RAD	
105	B40	1	4	4	5650	99	3685	3665	(1965)	395	26810	
106	B32	1	12	12	5650	99	3685	3665	(1965)	395	26820	
							B, 0, A, R, (C)					
							MKS 105 & 106					
107	B32	1	4	4	3575	25	1265	1150	690	855	(1145)	
108	B25	1	12	12	2900	25	930	815	505	605	(1145)	
109	B32	1	4	4	2600	23	465	2000	(305)			
110	B25	1	12	12	2475	23	365	2000	(240)			
115	B16	1	16	16	1425	21	600	270	(600)			
131a	B12	1	38	38	2750	51	940	335	160			
131b	B12	1	2	2	2775	51	940	345	160			
131c	B12	1	2	2	2800	51	940	355	160			
131d	B12	1	2	2	2825	51	940	365	160			
131e	B12	1	2	2	2850	51	940	385	160			
131f	B12	1	2	2	2900	51	940	405	160			
131g	B12	1	2	2	2950	51	940	435	160			
131h	B12	1	2	2	3025	51	940	465	160			
131j	B12	1	2	2	3100	51	940	505	160			
132a	B16	1	38	38	1750	51	520	225	210			
132b	B16	1	2	2	1775	51	520	230	210			
132c	B16	1	2	2	1800	51	520	240	210			
132d	B16	1	2	2	1800	51	520	250	210			
132e	B16	1	2	2	1850	51	520	270	210			
132f	B16	1	2	2	1900	51	520	290	210			
132g	B16	1	2	2	1950	51	520	320	210			
132h	B16	1	2	2	2000	51	520	350	210			
132j	B16	1	2	2	2100	51	520	390	210			
133a	B16	1	2	2	3600	99	915	610	500	585	225	
133b	B16	1	2	2	3725	99	915	665	500	635	245	
133c	B16	1	2	2	3825	99	915	720	500	690	270	
133d	B16	1	2	2	3975	99	915	790	500	750	295	
133e	B16	1	2	2	4075	99	915	840	500	795	315	
134a	B16	1	2	2	2275	99	495	505	210	490	185	
134b	B16	1	2	2	2375	99	495	560	210	535	205	
134c	B16	1	2	2	2500	99	495	615	210	590	230	
134d	B16	1	2	2	2625	99	495	685	210	650	255	
134e	B16	1	2	2	2450	99	495	600	210	575	220	
					Mks. 133, 134, 135, 136		A, C, D, B, E, A					

This schedule conforms to BS 8666: 2005

* Specified in multiples of 5 mm. † Specified in multiples of 25 mm.

Bar mark	Type and size	No. of mbrs	No. of bars in each	Total no.	Length of each bar † mm	Shape code	A* mm	B* mm	C* mm	D* mm	E/R* mm	Rev letter
135a	B16	1	20	20	3575	99	905	600	500	550	280	
135b	B16	1	4	4	3100	99	905	370	500	350	280	
136	B16	1	24	24	1975	99	485	370	210	350	165	
137	B16	1	19	19	1850	21	865	160	(865)			
138a	B16	1	1	1	1850	21	865	160	(865)			
138b	B16	1	1	1	1850	21	865	170	(865)			
138c	B16	1	1	1	1850	21	865	180	(865)			
138d	B16	1	1	1	1875	21	865	195	(865)			
138e	B16	1	1	1	1900	21	865	220	(865)			
138f	B16	1	1	1	1925	21	865	245	(865)			
138g	B16	1	1	1	1950	21	865	275	(865)			
138h	B16	1	1	1	2000	21	865	310	(865)			
139a	B16	1	1	1	2075	29	840	430	(865)	415	150	
139b	B16	1	1	1	2150	29	840	485	(865)	465	175	
139c	B16	1	1	1	2200	29	840	545	(865)	520	195	
139d	B16	1	1	1	2275	29	840	610	(865)	585	225	
139e	B16	1	1	1	2175	29	840	525	(865)	505	190	
140	B20	1	12	12	2225	29	945	260	(1010)	280	95	
									A, 0, B, E, (C)			
						Mks. 139, 140						
141	B16	1	30	30	1850	21	865	160	(865)			
142	B16	1	8	8	1125	21	300	575	(300)			
143	B12	1	8	8	1350	21	400	575	(400)			
144	B12	1	4	4	2075	11	780	(1300)				
147	B20	1	12	12	3325	29	1485	795	(1140)	800	130	
									A, 0, B, E, (C)			
						Mk. 147,151,153						
148	B20	1	12	12	2225	21	290	800	(1225)			
149	B20	1	12	12	3175	21	1500	365	(1400)			
150	B12	1	18	18	2800	99	250	795	805	410	715	
									C, D, B, E, B, D, A			
						Mk. 150						
151	B12	1	20	20	3475	29	1560	365	(1585)	340	170	
153	B12	1	4	4	3475	29	1560	365	(1585)	340	170	
154	B20	1	12	12	3025	11	1580	(1500)				
155	B20	1	12	12	3150	21	1230	790	(1230)			

This schedule conforms to BS 8666: 2005

* Specified in multiples of 5 mm. † Specified in multiples of 25 mm.

DRAWING No. NR/CIV/SD/2146-2

NOTES

1. FOR GENERAL NOTES REFER TO DRAWING No. NR/CIV/SD/2001.

Rev	Date	Description of revision	Designed	C'kd
B	27.04.12	SECOND ISSUE	SzT	SWF
A	12.10.10	FIRST ISSUE	SzT	SWF

Network Rail

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Approved	P. Clark	Head of Engineering IP Central	PC	Apr 2013
	Name	Position	Signature	Date

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STANDARD CONARCH OVERBRIDGE

REINFORCEMENT DETAILS
7.4m EXTERNAL UNIT
RIGHT SKEW 30°

SHEET 2

Scale 1:25

Drawing Number NR/CIV/SD/2146-2 B

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