Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/2154-2 Rev B

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Drg No. 2154

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	B25	1	2	2	4950	99	1225	425	1650	425	(1225)	
							63		0 RAD		63	
102	B20	1	6	6	4475	99	985	425	1650	425	(985)	
							63		0 RAD		63	
103	B32	1	8	8	9950	99	1590		6755		1590	
							4685 RAD		40010 RAD		4685 RAD	
105	B40	1	12	12	7075	99	5220	5195	(1855)	500	39880	
106	B32	1	4	4	7075	99	5220	5195	(1855)	500	39885	
							B, D, A, R, (C)					
							MKS 105 & 106					
107	B32	1	16	16	4075	25	1235	645	570	530	(2180)	
109	B32	1	4	4	2350	23	465	1750	(305)			
110	B25	1	12	12	2225	23	365	1750	(240)			
115	B16	1	16	16	1475	21	600	330	(600)			
131a	B12	1	46	46	3175	51	1150	335	160			
131b	B12	1	2	2	3200	51	1150	345	160			
131c	B12	1	2	2	3200	51	1150	350	160			
131d	B12	1	2	2	3225	51	1150	355	160			
131e	B12	1	2	2	3250	51	1150	370	160			
131f	B12	1	2	2	3275	51	1150	380	160			
131g	B12	1	2	2	3300	51	1150	400	160			
131h	B12	1	2	2	3350	51	1150	420	160			
131j	B12	1	2	2	3400	51	1150	445	160			
131k	B12	1	2	2	3450	51	1150	470	160			
131l	B12	1	2	2	3525	51	1150	505	160			
132a	B16	1	46	46	2000	51	635	225	210			
132b	B16	1	2	2	2000	51	635	230	210			
132c	B16	1	2	2	2000	51	635	235	210			
132d	B16	1	2	2	2025	51	635	240	210			
132e	B16	1	2	2	2050	51	635	255	210			
132f	B16	1	2	2	2075	51	635	265	210			
132g	B16	1	2	2	2100	51	635	285	210			
132h	B16	1	2	2	2150	51	635	305	210			
132j	B16	1	2	2	2200	51	635	330	210			
132k	B16	1	2	2	2250	51	635	355	210			
132l	B16	1	2	2	2325	51	635	390	210			
133a	B16	1	2	2	4125	99	1105	675	500	585	385	
133b	B16	1	2	2	4225	99	1105	730	500	625	415	
133c	B16	1	2	2	4350	99	1105	785	500	670	450	
133d	B16	1	2	2	4475	99	1105	850	500	725	485	
133e	B16	1	2	2	4625	99	1105	925	500	780	530	
133f	B16	1	2	2	4800	99	1105	1010	500	850	580	
133g	B16	1	2	2	4975	99	1105	1100	500	920	635	
133h	B16	1	2	2	5150	99	1105	1190	500	995	685	
133j	B16	1	2	2	5325	99	1105	1275	500	1065	740	
133k	B16	1	2	2	5300	99	1105	1260	500	1055	730	

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
133l	B16	1	2	2	5050	99	1105	1145	500	960	660	
133m	B16	1	2	2	4825	99	1105	1025	500	865	590	
133n	B16	1	2	2	4600	99	1105	910	500	770	520	
							A, C, B, D, E, A					
					Mks. 133, 134, 135, 136							
134a	B16	1	2	2	2550	99	590	555	210	485	310	
134b	B16	1	2	2	2675	99	590	610	210	530	345	
134c	B16	1	2	2	2775	99	590	665	210	575	380	
134d	B16	1	2	2	2900	99	590	730	210	625	415	
134e	B16	1	2	2	3050	99	590	805	210	685	460	
134f	B16	1	2	2	3225	99	590	890	210	755	510	
134g	B16	1	2	2	3400	99	590	980	210	825	565	
134h	B16	1	2	2	3600	99	590	1070	210	900	615	
134j	B16	1	2	2	3650	99	590	1100	210	925	635	
134k	B16	1	2	2	3425	99	590	985	210	830	565	
134l	B16	1	2	2	3175	99	590	865	210	735	495	
134m	B16	1	2	2	2950	99	590	750	210	640	425	
134n	B16	1	2	2	2700	99	590	630	210	545	355	
135a	B16	1	10	10	4150	99	1080	710	500	550	480	
135b	B16	1	4	4	3575	99	1080	425	500	350	480	
136	B16	1	14	14	2250	99	565	425	210	350	280	
137	B16	1	23	23	2225	21	1060	160	(1060)			
138a	B20	1	1	1	2550	13	1235	180	(1235)			
138b	B20	1	1	1	2550	13	1235	180	(1235)			
138c	B20	1	1	1	2550	13	1235	180	(1235)			
138d	B20	1	1	1	2550	13	1235	180	(1235)			
138e	B20	1	1	1	2575	13	1235	195	(1235)			
138f	B20	1	1	1	2575	13	1235	210	(1235)			
138g	B20	1	1	1	2600	13	1235	230	(1235)			
138h	B20	1	1	1	2625	13	1235	255	(1235)			
138j	B20	1	1	1	2650	21	1235	280	(1235)			
138k	B20	1	1	1	2675	21	1235	310	(1235)			
139a	B20	1	1	1	2700	29	1145	425	(1235)	410	215	
139b	B20	1	1	1	2750	29	1145	480	(1235)	455	250	
139c	B20	1	1	1	2825	29	1145	540	(1235)	505	285	
139d	B20	1	1	1	2875	29	1145	605	(1235)	555	325	
139e	B20	1	1	1	2950	29	1145	680	(1235)	620	365	
139f	B20	1	1	1	3050	29	1145	765	(1235)	685	420	
139g	B20	1	1	1	3150	29	1145	860	(1235)	760	470	
139h	B20	1	1	1	3225	29	1145	950	(1235)	830	525	
139j	B20	1	1	1	3250	29	1145	980	(1235)	855	545	
139k	B20	1	1	1	3150	29	1145	860	(1235)	760	475	
139l	B20	1	1	1	3025	29	1145	745	(1235)	670	405	
139m	B20	1	1	1	2900	29	1145	625	(1235)	575	355	
139n	B20	1	1	1	2800	29	1145	510	(1235)	480	265	
140	B20	1	7	7	2525	29	1110	270	(1235)	280	155	
							A, D, B, E, (C)					
					Mks. 139, 140							
141	B20	1	42	42	2550	13	1235	180	(1235)			
142	B16	1	16	16	1250	29	300	705	(300)			
143	B12	1	8	8	1475	21	400	705	(400)			
144	B12	1	4	4	2075	11	780	(1300)				

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
146a	B12	1	4	4	2250	21	280	1730	(280)			
146b	B12	1	4	4	1900	21	280	1370	(280)			
146c	B12	1	4	4	1525	21	280	1005	(280)			
146d	B12	1	4	4	1175	21	280	640	(280)			
147	B20	1	14	14	3525	29	1485	1160	(985)	1160	180	
							A, D, B, E, (C)					
							Mk. 147,151,153					
148	B20	1	14	14	2425	21	290	1160	(1070)			
149	B20	1	14	14	3250	21	1500	455	(1400)			
150	B12	1	16	16	3650	99	250	1135	(965)	840	840	
							C, D, R, E, B, D, A					
							Mk. 150					
151	B12	1	18	18	3875	29	1720	425	(1770)	340	290	
153	B12	1	4	4	3875	29	1720	425	(1770)	340	290	
154	B20	1	12	12	3225	11	1770	(1500)				
155	B20	1	16	16	3025	21	1075	975	(1075)			

This schedule conforms to BS 8666: 2005

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

DRAWING No. NR/CIV/SD/2154-2

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 8.4m EXTERNAL UNIT LEFT SKEW 45°

SHEET 2

Scale	AS SHOWN	
Drawing Number	NR/CIV/SD/2154-2	B

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