Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/2164-2 Rev B

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Drg No. 2164

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)	
							52		0 RAD		52	
102	B20	1	6	6	4475	99	985	425	1650	425	(985)	
							52		0 RAD		52	
103	B32	1	8	8	9950	99	1590		6755		1590	
							4635 RAD		40010 RAD		4665 RAD	
105	B40	1	12	12	7675	99	5935	5905	(1730)	625	39760	
106	B32	1	4	4	7675	99	5935	5905	(1730)	625	39765	
							B, A, D, R, (C)					
							MKS 105 & 106					
107	B32	1	16	16	4310	15	1235	570	(3075)			
109	B32	1	4	4	1600	23	465	1000	(305)			
110	B25	1	12	12	1475	23	365	1000	(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	

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
133k	B16	1	2	2	5500	99	1105	1365	500	1135	790	
133l	B16	1	2	2	5675	99	1105	1450	500	1205	840	
133m	B16	1	2	2	5850	99	1105	1535	500	1270	890	
133n	B16	1	2	2	6000	99	1105	1615	500	1340	940	
133p	B16	1	2	2	6050	99	1105	1635	500	1350	950	
133q	B16	1	2	2	5800	99	1105	1515	500	1255	880	
133r	B16	1	2	2	5575	99	1105	1400	500	1165	810	
133s	B16	1	2	2	5325	99	1105	1280	500	1070	740	
133t	B16	1	2	2	5100	99	1105	1160	500	975	670	
133u	B16	1	2	2	4850	99	1105	1045	500	880	600	
133v	B16	1	2	2	4625	99	1105	925	500	785	530	
							A, C, D, B, 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	3775	99	590	1160	210	970	670	
134k	B16	1	2	2	3950	99	590	1245	210	1040	720	
134l	B16	1	2	2	4100	99	590	1330	210	1110	775	
134m	B16	1	2	2	4275	99	590	1415	210	1180	825	
134n	B16	1	2	2	4400	99	590	1475	210	1225	855	
134p	B16	1	2	2	4150	99	590	1355	210	1130	785	
134q	B16	1	2	2	3925	99	590	1235	210	1035	715	
134r	B16	1	2	2	3700	99	590	1120	210	940	645	
134s	B16	1	2	2	3450	99	590	1000	210	845	575	
134t	B16	1	2	2	3225	99	590	885	210	750	505	
134u	B16	1	2	2	2975	99	590	765	210	655	435	
134v	B16	1	2	2	2750	99	590	650	210	560	365	
135a	B16	1	2	2	4150	99	1080	710	500	550	480	
135b	B16	1	4	4	3575	99	1080	425	500	350	480	
136	B16	1	6	6	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)			

This schedule conforms to BS 8666: 2005

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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
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	3325	29	1145	1035	(1235)	905	580	
139k	B20	1	1	1	3400	29	1145	1125	(1235)	975	630	
139l	B20	1	1	1	3500	29	1145	1210	(1235)	1045	680	
139m	B20	1	1	1	3575	29	1145	1295	(1235)	1110	730	
139n	B20	1	1	1	3625	29	1145	1350	(1235)	1155	765	
139p	B20	1	1	1	3525	29	1145	1235	(1235)	1060	695	
139q	B20	1	1	1	3400	29	1145	1115	(1235)	965	625	
139r	B20	1	1	1	3275	29	1145	1000	(1235)	870	555	
139s	B20	1	1	1	3150	29	1145	880	(1235)	775	485	
139t	B20	1	1	1	3050	29	1145	760	(1235)	680	415	
139u	B20	1	1	1	2925	29	1145	645	(1235)	590	345	
139v	B20	1	1	1	2800	29	1145	525	(1235)	495	275	
140	B20	1	3	3	2525	29	1110	270	(1235)	280	155	
									A, D, B, E, (C)			
					Mks. 139, 140							
141	B20	1	48	48	2550	13	1235	180	(1235)			
142	B16	1	16	16	1250	21	300	705	(300)			
143	B12	1	8	8	1475	21	400	705	(400)			
144	B12	1	4	4	2075	11	780	(1300)				
146a	B12	1	4	4	3000	21	280	2470	(280)			
146b	B12	1	4	4	2625	21	280	2110	(280)			
146c	B12	1	4	4	2275	21	280	1750	(280)			
146d	B12	1	4	4	1900	21	280	1380	(280)			
146e	B12	1	4	4	1525	21	280	1005	(280)			
146f	B12	1	4	4	1150	21	280	625	(280)			
147	B20	1	14	14	3400	29	1485	1165	(850)	1160	200	
									A, D, B, E, (C)			
					Mk. 147,151,153							
148	B20	1	14	14	2275	21	290	1160	(935)			
149	B20	1	14	14	3250	21	1500	455	(1400)			
150	B12	1	14	14	3650	99	250	1135	(965)	840	840	
									C, D, B, E, B, D, A			
					Mk. 150							
151	B12	1	16	16	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	2750	21	940	975	(940)			

This schedule conforms to BS 8666: 2005

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

DRAWING No. NR/CIV/SD/2164-2

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

Network Rail Infrastructure Ltd. Registered Office: Kings Place, 90 York Way, London, N1 9AG

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

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STANDARD CONARCH OVERBRIDGE

REINFORCEMENT DETAILS 9.4m EXTERNAL UNIT LEFT SKEW 45°

SHEET 2

Scale	AS SHOWN	
Drawing Number	NR/CIV/SD/2164-2	B

Full document details: NR NR-CIV-SD-2164-2 ISSUE B 2012

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