Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/2162-2 Rev B

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Drg No. 2162

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	3800	99	985	425	975	425	(985)	
							63	0 RAD			63	
103	B32	1	4	4	7375	99	1205	4955			1205	
							2705 RAD	2500 RAD			2705 RAD	
104	B25	1	4	4	7375	99	1200	4955			1200	
							2705 RAD	2500 RAD			2705 RAD	
105	B32	1	8	8	6100	99	4370	4320	(1730)	625	21630	
106	B25	1	8	8	6100	99	4370	4320	(1730)	625	21635	
107	B32	1	8	8	3875	25	1275	755	(2600)			
108	B25	1	8	8	3540	25	940	555	(2600)			
109	B25	1	16	16	1475	23	365	1000	(240)			
115	B16	1	16	16	1400	21	600	255	(600)			
131a	B12	1	34	34	2550	51	840	335	160			
131b	B12	1	2	2	2575	51	840	345	160			
131c	B12	1	2	2	2600	51	840	355	160			
131d	B12	1	2	2	2625	51	840	370	160			
131e	B12	1	2	2	2675	51	840	390	160			
131f	B12	1	2	2	2725	51	840	420	160			
131g	B12	1	2	2	2800	51	840	455	160			
131h	B12	1	2	2	2875	51	840	495	160			
132a	B16	1	34	34	1650	51	465	225	210			
132b	B16	1	2	2	1650	51	465	230	210			
132c	B16	1	2	2	1675	51	465	240	210			
132d	B16	1	2	2	1700	51	465	255	210			
132e	B16	1	2	2	1750	51	465	275	210			
132f	B16	1	2	2	1800	51	465	305	210			
132g	B16	1	2	2	1875	51	465	340	210			
132h	B16	1	2	2	1950	51	465	380	210			
133a	B16	1	2	2	3400	99	830	590	500	585	105	
133b	B16	1	2	2	3500	99	830	640	500	640	115	
133c	B16	1	2	2	3625	99	830	700	500	695	130	
133d	B16	1	2	2	3750	99	830	765	500	760	140	
133e	B16	1	2	2	3900	99	830	845	500	840	155	
133f	B16	1	2	2	4100	99	830	935	500	925	175	
133g	B16	1	2	2	4250	99	830	1020	500	1010	190	
133h	B16	1	2	2	4425	99	830	1105	500	1095	205	
133j	B16	1	2	2	4600	99	830	1190	500	1175	225	
133k	B16	1	2	2	4750	99	830	1270	500	1260	240	
133l	B16	1	2	2	4925	99	830	1355	500	1340	255	
133m	B16	1	2	2	4925	99	830	1350	500	1335	255	
133n	B16	1	2	2	4700	99	830	1235	500	1225	230	
133p	B16	1	2	2	4450	99	830	1120	500	1110	210	
133q	B16	1	2	2	4225	99	830	1005	500	1000	190	
133r	B16	1	2	2	4000	99	830	895	500	885	165	
133s	B16	1	2	2	3775	99	830	780	500	775	145	

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
								A				
					Mks. 133, 134, 135, 136				C			
								B	E	D A		
134a	B16	1	2	2	2150	99	455	490	210	490	85	
134b	B16	1	2	2	2250	99	455	540	210	540	95	
134c	B16	1	2	2	2375	99	455	600	210	600	110	
134d	B16	1	2	2	2525	99	455	670	210	665	120	
134e	B16	1	2	2	2675	99	455	745	210	745	135	
134f	B16	1	2	2	2850	99	455	835	210	830	155	
134g	B16	1	2	2	3025	99	455	925	210	915	170	
134h	B16	1	2	2	3200	99	455	1010	210	1000	190	
134j	B16	1	2	2	3375	99	455	1095	210	1085	205	
134k	B16	1	2	2	3525	99	455	1175	210	1165	220	
134l	B16	1	2	2	3650	99	455	1240	210	1225	230	
134m	B16	1	2	2	3425	99	455	1125	210	1115	210	
134n	B16	1	2	2	3200	99	455	1010	210	1000	190	
134p	B16	1	2	2	2975	99	455	895	210	890	165	
134q	B16	1	2	2	2750	99	455	780	210	775	145	
134r	B16	1	2	2	2500	99	455	665	210	665	120	
134s	B16	1	2	2	2275	99	455	550	210	550	100	
135a	B16	1	2	2	3325	99	825	555	500	550	135	
135b	B16	1	4	4	2900	99	825	350	500	350	135	
136	B16	1	6	6	1875	99	450	350	210	350	80	
137	B16	1	17	17	1650	21	775	160	(775)			
138a	B20	1	1	1	1900	13	905	180	(905)			
138b	B20	1	1	1	1900	13	905	180	(905)			
138c	B20	1	1	1	1900	13	905	185	(905)			
138d	B20	1	1	1	1925	13	905	205	(905)			
138e	B20	1	1	1	1950	13	905	230	(905)			
138f	B20	1	1	1	1975	21	905	260	(905)			
138g	B20	1	1	1	2000	21	905	300	(905)			
139a	B20	1	1	1	2100	29	885	405	(905)	415	60	
139b	B20	1	1	1	2150	99	885	460	(905)	470	70	
139c	B20	1	1	1	2200	99	885	520	(905)	530	85	
139d	B20	1	1	1	2275	99	885	590	(905)	595	95	
139e	B20	1	1	1	2350	99	885	670	(905)	675	115	
139f	B20	1	1	1	2450	99	885	760	(905)	765	130	
139g	B20	1	1	1	2525	99	885	845	(905)	850	145	
139h	B20	1	1	1	2625	99	885	935	(905)	935	165	
139j	B20	1	1	1	2700	99	885	1020	(905)	1015	180	
139k	B20	1	1	1	2800	99	885	1100	(905)	1095	195	
139l	B20	1	1	1	2850	99	885	1160	(905)	1155	210	
139m	B20	1	1	1	2750	99	885	1050	(905)	1045	185	
139n	B20	1	1	1	2625	99	885	935	(905)	935	165	
139p	B20	1	1	1	2500	99	885	820	(905)	820	140	
139q	B20	1	1	1	2400	99	885	705	(905)	710	120	
139r	B20	1	1	1	2275	99	885	590	(905)	595	95	
139s	B20	1	1	1	2175	99	885	475	(905)	485	75	
140	B20	1	3	3	1950	29	880	265	(905)	280	50	
									A			
					Mks. 139, 140				D B E (C)			

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
141	B16	1	34	34	1650	21	775	160	(775)			
142	B16	1	8	8	1075	21	300	520	(300)			
143	B12	1	8	8	1275	21	400	520	(400)			
144	B12	1	4	4	2075	11	780	(1300)				
146a	B12	1	4	4	2875	21	205	2495	(205)			
146b	B12	1	4	4	2500	21	205	2135	(205)			
146c	B12	1	4	4	2150	21	205	1775	(205)			
146d	B12	1	4	4	1775	21	205	1405	(205)			
146e	B12	1	4	4	1400	21	205	1030	(205)			
146f	B12	1	4	4	1025	21	205	650	(205)			
147	B16	1	12	12	3050	29	1490	725	(885)	715	170	
									A			
					Mk. 147,151,153				D B E (C)			
148	B16	1	12	12	1850	21	210	715	(970)			
149	B16	1	12	12	3175	21	1500	325	(1400)			
150	B12	1	14	14	2600	99	250	725	730	190	715	
									C D B			
					Mk. 150				E B D A			
151	B12	1	16	16	3300	29	1485	340	(1500)	340	80	
153	B12	1	4	4	3300	29	1485	340	(1500)	340	80	
154	B16	1	12	12	2975	11	1495	(1500)				
155	B16	1	12	12	2600	21	975	710	(975)			

This schedule conforms to BS 8666: 2005

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

DRAWING No. NR/CIV/SD/2162-2

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

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STANDARD CONARCH OVERBRIDGE

REINFORCEMENT DETAILS 9.4m EXTERNAL UNIT LEFT SKEW 15°

SHEET 2

Scale	AS SHOWN	
Drawing Number	NR/CIV/SD/2162-2	B

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