Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/2144-2 Rev B

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Drg No. 2144

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	4	4	9950	99	1590		6775		1590	
							4665 RAD		40010 RAD		4665 RAD	
104	B25	1	4	4	9950	99	1590		6775		1590	
							4665 RAD		0 RAD		4665 RAD	
105	B40	1	16	16	6475	99	4505	4490	(1960)	395	39985	
								B				
								D A				
								(C) R				
								MK 105				
107	B32	1	4	4	3625	25	1235	1105	570	890	(1285)	
108	B25	1	12	12	2975	25	900	770	415	620	(1285)	
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	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	4550	99	1105	890	500	755	510	

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 D E A				
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	2925	99	590	740	210	630	420	
134f	B16	1	2	2	2675	99	590	615	210	530	345	
135a	B16	1	20	20	4150	99	1080	710	500	550	480	
135b	B16	1	4	4	3575	99	1080	425	500	350	480	
136	B16	1	24	24	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	2900	29	1145	615	(1235)	565	330	
139f	B20	1	1	1	2775	29	1145	490	(1235)	465	255	
140	B20	1	12	12	2525	29	1110	270	(1235)	280	155	
									A			
					Mks. 139, 140				D B E (C)			
141	B16	1	38	38	2225	21	1060	160	(1060)			
142	B16	1	8	8	1250	21	300	705	(300)			
143	B12	1	8	8	1475	21	400	705	(400)			
144	B12	1	4	4	2075	11	780	(1300)				
147	B20	1	14	14	3650	29	1490	1165	(1110)	1160	160	
									A			
					Mk. 147,151,153				D B E (C)			
148	B20	1	14	14	2550	21	290	1160	(1195)			
149	B20	1	14	14	3250	21	1500	455	(1400)			
150	B12	1	18	18	3650	99	250	1135	(965)	840	840	
									C D			
					Mk. 150				B E B D A			
151	B12	1	20	20	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	3275	21	1200	975	(1200)			

This schedule conforms to BS 8666: 2005

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

DRAWING No. NR/CIV/SD/2144-2

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

Master copy with original signatures held by Network Rail HQ CIVIL ENGINEERING STANDARD DESIGN

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STANDARD CONARCH OVERBRIDGE

REINFORCEMENT DETAILS 7.4m EXTERNAL UNIT LEFT SKEW 45°

SHEET 2

Scale 1:25

Drawing Number NR/CIV/SD/2144-2 B

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