Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/2153-2 Rev B

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Drg No. 2153

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)	
							65		0 RAD		65	
103	B32	1	8	8	8175	99	1325		5520		1325	
							3280 RAD		26715 RAD		3280 RAD	
105	B32	1	8	8	6125	99	4270	4245	(1855)	500	26780	
106	B25	1	8	8	6150	99	4275	4245	(1855)	500	26785	
							B, D, A, R, (C)					
							MKS 105 & 106					
107	B32	1	12	12	3875	25	1265	640	690	485	(1950)	
108	B25	1	4	4	3525	25	930	640	505	480	(1950)	
109	B25	1	4	4	2225	23	365	1750	(240)			
110	B20	1	12	12	2150	23	290	1750	(200)			
115	B16	1	16	16	1425	21	600	285	(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	4125	99	915	865	500	820	325	
133f	B16	1	2	2	4300	99	915	955	500	900	360	
133g	B16	1	2	2	4475	99	915	1040	500	980	395	
133h	B16	1	2	2	4650	99	915	1130	500	1060	430	
133j	B16	1	2	2	4625	99	915	1115	500	1045	420	
133k	B16	1	2	2	4400	99	915	1000	500	940	375	
133l	B16	1	2	2	4150	99	915	880	500	835	330	
133m	B16	1	2	2	3925	99	915	765	500	730	285	
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	2775	99	495	760	210	725	285	

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
134f	B16	1	2	2	2950	99	495	850	210	805	320	
134g	B16	1	2	2	3150	99	495	940	210	885	355	
134h	B16	1	2	2	3225	99	495	985	210	930	370	
134j	B16	1	2	2	3000	99	495	870	210	825	325	
134k	B16	1	2	2	2775	99	495	755	210	715	280	
134l	B16	1	2	2	2550	99	495	640	210	610	235	
134m	B16	1	2	2	2300	99	495	525	210	505	190	
							A, C, B, D, E, A					
					Mks. 133, 134, 135, 136							
135a	B16	1	10	10	3600	99	905	600	(500)	550	280	
135b	B16	1	4	4	3125	99	905	370	(500)	350	280	
136	B16	1	14	14	1875	99	485	370	(210)	350	165	
137	B16	1	19	19	1850	21	865	160	(865)			
138a	B20	1	1	1	2100	13	1010	180	(1010)			
138b	B20	1	1	1	2100	13	1010	180	(1010)			
138c	B20	1	1	1	2100	13	1010	180	(1010)			
138d	B20	1	1	1	2125	13	1010	195	(1010)			
138e	B20	1	1	1	2150	13	1010	220	(1010)			
138f	B20	1	1	1	2175	13	1010	245	(1010)			
138g	B20	1	1	1	2200	21	1010	275	(1010)			
138h	B20	1	1	1	2225	21	1010	310	(1010)			
139a	B20	1	1	1	2275	29	965	405	(1010)	415	130	
139b	B20	1	1	1	2325	29	965	460	(1010)	465	150	
139c	B20	1	1	1	2400	29	965	520	(1010)	520	175	
139d	B20	1	1	1	2475	29	965	590	(1010)	585	200	
139e	B20	1	1	1	2550	29	965	670	(1010)	655	230	
139f	B20	1	1	1	2625	29	965	755	(1010)	735	265	
139g	B20	1	1	1	2725	29	965	845	(1010)	820	300	
139h	B20	1	1	1	2775	29	965	895	(1010)	865	320	
139j	B20	1	1	1	2650	29	965	780	(1010)	755	275	
139k	B20	1	1	1	2525	29	965	660	(1010)	650	230	
139l	B20	1	1	1	2425	29	965	545	(1010)	545	185	
139m	B20	1	1	1	2300	29	965	430	(1010)	435	140	
140	B20	1	7	7	2125	29	945	260	(1010)	280	95	
							A, D, B, E, (C)					
					Mks. 139, 140							
141	B16	1	34	34	1850	21	865	160	(865)			
142	B16	1	12	12	1125	21	300	575	(300)			
143	B12	1	8	8	1350	21	400	575	(400)			
144	B12	1	4	4	2075	11	780	(1300)				
146a	B12	1	4	4	2175	21	230	1755	(230)			
146b	B12	1	4	4	1825	21	230	1395	(230)			
146c	B12	1	4	4	1450	21	230	1030	(230)			
146d	B12	1	4	4	1100	21	230	665	(230)			

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
147	B16	1	12	12	3275	29	1490	805	(1020)	800	155	
							A, D, B, E, (C)					
							Mk. 147,151,153					
148	B16	1	12	12	2075	21	210	800	(1105)			
149	B16	1	12	12	3225	21	1500	365	(1400)			
150	B12	1	16	16	2800	99	250	795	805	410	715	
							C, D, R, E, B, D, A					
							Mk. 150					
151	B12	1	18	18	3475	29	1560	365	(1585)	340	170	
153	B12	1	4	4	3475	29	1560	365	(1585)	340	170	
154	B16	1	12	12	3050	11	1580	(1500)				
155	B16	1	12	12	2975	21	1110	795	(1110)			

This schedule conforms to BS 8666: 2005

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

DRAWING No. NR/CIV/SD/2153-2

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 30°

SHEET 2

Scale	1:25
Drawing Number	NR/CIV/SD/2153-2 B

Full document details: NR NR-CIV-SD-2153-2 ISSUE B 2012

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