The following information is associated with Network Rail Standard:
**NR CIV/SD/2137-2** Rev B

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Drg No. 2137 – SCHEDULE FOR 1250mm UNIT WIDTH

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | B32 | 1 | 2 | 2 | 5625 | 99 | 1560 | 425 | 1635 | 425 | (1560) | |
| | | | | | | | 43 | | 40480 RAD | | 43 | |
| 02 | B25 | 1 | 6 | 6 | 4950 | 99 | 1225 | 425 | 1635 | 425 | (1225) | |
| | | | | | | | 43 | | 0 RAD | | 43 | |
| 03 | B40 | 1 | 2 | 2 | 9950 | 99 | 1595 | | 6755 | | 1595 | |
| | | | | | | | 4665 RAD | | 40010 RAD | | 4665 RAD | |
| 04 | B32 | 1 | 6 | 6 | 9950 | 99 | 1590 | | 6755 | | 1590 | |
| | | | | | | | 4665 RAD | | 40010 RAD | | 4665 RAD | |
| 05 | B40 | 1 | 8 | 8 | 6900 | 99 | | | 2100 | 340 | 40090 | |
| 06 | B32 | 1 | 8 | 8 | 6900 | 99 | | | 2095 | 335 | 40095 | |
| | | | | | | | C | R | 3770 | 405 | D | |
| | | | | | | | | | (2710) | | | |
| | | | | | | | | | MKS 05 & 06 | | | |
| 07 | B32 | 1 | 4 | 4 | 4310 | 15 | 1235 | 570 | (3075) | | | |
| 08 | B25 | 1 | 12 | 12 | 3975 | 15 | 900 | 415 | (3075) | | | |
| 09 | B32 | 1 | 4 | 4 | 2100 | 28 | 1180 | 680 | (305) | 950 | | |
| 10 | B25 | 1 | 12 | 12 | 1700 | 28 | 845 | 680 | (240) | 680 | | |
| 15 | B16 | 1 | 16 | 16 | 1275 | 21 | 400 | 330 | (600) | | | |
| 31a | B12 | 1 | 46 | 46 | 3900 | 51 | 1505 | 335 | 160 | | | |
| 31b | B12 | 1 | 2 | 2 | 3900 | 51 | 1505 | 345 | 160 | | | |
| 31c | B12 | 1 | 2 | 2 | 3925 | 51 | 1505 | 350 | 160 | | | |
| 31d | B12 | 1 | 2 | 2 | 3925 | 51 | 1505 | 355 | 160 | | | |
| 31e | B12 | 1 | 2 | 2 | 3950 | 51 | 1505 | 370 | 160 | | | |
| 31f | B12 | 1 | 2 | 2 | 3975 | 51 | 1505 | 380 | 160 | | | |
| 31g | B12 | 1 | 2 | 2 | 4025 | 51 | 1505 | 400 | 160 | | | |
| 31h | B12 | 1 | 2 | 2 | 4050 | 51 | 1505 | 420 | 160 | | | |
| 31j | B12 | 1 | 2 | 2 | 4100 | 51 | 1505 | 445 | 160 | | | |
| 31k | B12 | 1 | 2 | 2 | 4150 | 51 | 1505 | 470 | 160 | | | |
| 31l | B12 | 1 | 2 | 2 | 4225 | 51 | 1505 | 505 | 160 | | | |
| 32a | B16 | 1 | 46 | 46 | 2000 | 51 | 635 | 225 | 210 | | | |
| 32b | B16 | 1 | 2 | 2 | 2000 | 51 | 635 | 230 | 210 | | | |
| 32c | B16 | 1 | 2 | 2 | 2000 | 51 | 635 | 235 | 210 | | | |
| 32d | B16 | 1 | 2 | 2 | 2025 | 51 | 635 | 240 | 210 | | | |
| 32e | B16 | 1 | 2 | 2 | 2050 | 51 | 635 | 255 | 210 | | | |
| 32f | B16 | 1 | 2 | 2 | 2075 | 51 | 635 | 265 | 210 | | | |
| 32g | B16 | 1 | 2 | 2 | 2100 | 51 | 635 | 285 | 210 | | | |
| 32h | B16 | 1 | 2 | 2 | 2150 | 51 | 635 | 305 | 210 | | | |
| 32j | B16 | 1 | 2 | 2 | 2200 | 51 | 635 | 330 | 210 | | | |
| 32k | B16 | 1 | 2 | 2 | 2250 | 51 | 635 | 355 | 210 | | | |
| 32l | B16 | 1 | 2 | 2 | 2325 | 51 | 635 | 390 | 210 | | | |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33a | B16 | 1 | 2 | 2 | 4925 | 99 | 1460 | 725 | 500 | 620 | 415 | |
| 33b | B16 | 1 | 2 | 2 | 4850 | 99 | 1460 | 680 | 500 | 585 | 385 | |
| 33c | B16 | 1 | 2 | 2 | 4775 | 99 | 1460 | 645 | 500 | 555 | 365 | |
| 33d | B16 | 1 | 2 | 2 | 4700 | 99 | 1460 | 615 | 500 | 535 | 345 | |
| 33e | B16 | 1 | 2 | 2 | 4675 | 99 | 1460 | 595 | 500 | 515 | 335 | |
| 33f | B16 | 1 | 30 | 30 | 4650 | 99 | 1460 | 585 | 500 | 510 | 330 | |
| | | | | | | | | A | | | | |
| | | | | | Mks. 33, 34, 35, 36 | | | | C | | | |
| | | | | | | | | B | | D | | |
| | | | | | | | | E | A | | | |
| 34a | B16 | 1 | 2 | 2 | 2450 | 99 | 590 | 495 | 210 | 435 | 275 | |
| 34b | B16 | 1 | 2 | 2 | 2350 | 99 | 590 | 450 | 210 | 400 | 250 | |
| 34c | B16 | 1 | 2 | 2 | 2275 | 99 | 590 | 415 | 210 | 370 | 230 | |
| 34d | B16 | 1 | 2 | 2 | 2225 | 99 | 590 | 385 | 210 | 350 | 210 | |
| 34e | B16 | 1 | 2 | 2 | 2175 | 99 | 590 | 365 | 210 | 330 | 200 | |
| 34f | B16 | 1 | 30 | 30 | 2150 | 99 | 590 | 355 | 500 | 325 | 195 | |
| 35a | B16 | 1 | 2 | 2 | 4850 | 99 | 1435 | 710 | 500 | 550 | 480 | |
| 35b | B16 | 1 | 4 | 4 | 4275 | 99 | 1435 | 425 | 500 | 350 | 280 | |
| 36 | B16 | 1 | 6 | 6 | 2250 | 99 | 565 | 425 | 210 | 350 | 280 | |
| 37 | B16 | 1 | 46 | 46 | 2225 | 21 | 1060 | 160 | (1060) | | | |
| 38a | B20 | 1 | 2 | 2 | 2550 | 13 | 1235 | 180 | (1235) | | | |
| 38b | B20 | 1 | 2 | 2 | 2550 | 13 | 1235 | 180 | (1235) | | | |
| 38c | B20 | 1 | 2 | 2 | 2550 | 13 | 1235 | 180 | (1235) | | | |
| 38d | B20 | 1 | 2 | 2 | 2550 | 13 | 1235 | 180 | (1235) | | | |
| 38e | B20 | 1 | 2 | 2 | 2575 | 13 | 1235 | 195 | (1235) | | | |
| 38f | B20 | 1 | 2 | 2 | 2575 | 13 | 1235 | 210 | (1235) | | | |
| 38g | B20 | 1 | 2 | 2 | 2600 | 13 | 1235 | 230 | (1235) | | | |
| 38h | B20 | 1 | 2 | 2 | 2625 | 13 | 1235 | 255 | (1235) | | | |
| 38j | B20 | 1 | 2 | 2 | 2650 | 21 | 1235 | 280 | (1235) | | | |
| 38k | B20 | 1 | 2 | 2 | 2675 | 21 | 1235 | 310 | (1235) | | | |
| 39a | B20 | 1 | 2 | 2 | 2650 | 29 | 1145 | 365 | (1235) | 365 | 180 | |
| 39b | B20 | 1 | 2 | 2 | 2600 | 29 | 1145 | 325 | (1235) | 330 | 155 | |
| 39c | B20 | 1 | 2 | 2 | 2575 | 29 | 1145 | 290 | (1235) | 300 | 135 | |
| 39d | B20 | 1 | 2 | 2 | 2550 | 29 | 1145 | 260 | (1235) | 280 | 115 | |
| 39e | B20 | 1 | 2 | 2 | 2525 | 29 | 1145 | 240 | (1235) | 265 | 105 | |
| 39f | B20 | 1 | 30 | 30 | 2525 | 29 | 1145 | 235 | (1235) | 260 | 100 | |
| 40 | B20 | 1 | 6 | 6 | 2575 | 29 | 1110 | 270 | (1235) | 280 | 155 | |
| | | | | | | | | | A | | | |
| | | | | | | Mks. 39, 40, 42 | | | | | | |
| | | | | | | | | | B | | | |
| | | | | | | | | | E | (C) | | |
| 42 | B16 | 1 | 2 | 2 | 1875 | 29 | 205 | 1460 | (250) | 1210 | 845 | |
| 43 | B12 | 1 | 4 | 4 | 1650 | 21 | 400 | 885 | (400) | | | |
| 44 | B12 | 1 | 8 | 8 | 1525 | 11 | 1065 | (480) | | | | |

This schedule conforms to BS 8666: 2005

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

DRAWING No. NR/CIV/SD/2137-2

NOTES

1. FOR GENERAL NOTES REFER TO DRAWING No. NR/CIV/SD/2001.

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|---|---|---|---|---|
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Network Rail

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

| | 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 INTERNAL UNIT RIGHT SKEW 45°

SHEET 2

Scale 1:25

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