

The following information is associated with Network Rail Standard:
[NR CIV/SD/3037](#) Rev P1

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CAD Drawing

- [CIV/SD/3037](#)

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Platform width to be multiples of 750mm + 165mm. If this is impractical then a pair of 750mm planks may be replaced by a 1500mm plank narrowed to suit.

930x760x100 Precast concrete copers on 25mm thk. mortar bed for vertical alignment
75 Thk. grade C40 concrete topping with one layer of type A142 mesh with 40mm cover to top surface

Proprietary precast hollow core planks 750mm wide see table for depth variations and requirements. Laid on 10mm mortar bed (35mm at top of ramp). Internal precast planks can be cut longitudinally through voids to suit platform width, but not external planks.

Engineering bricks laid on 10mm mortar bed
100mm Wide white line edging shall be a proprietary water based textured masonry paint. See note 14 on general notes drawing No. NR/CIV/SD/3035 & 3036

1090 + plank depth
(1115 + plank depth top of ramp)
915 (+0 -25)
100
150 max.
push fitted between planks
Polyethylene foam filler
75
730 (+15,-0)
300/325
240
440mm thick blockwork wall,
440 x 215 x 100 solid concrete blocks laid flat in English bond with 10mm mortar joints. Block compressive strength 20N/mm²;
Galvanised steel mesh screens to be provided between crosswalls (refer to drg. NR/CIV/SD/3044 & 3045)
Reinforced concrete strip foundation grade C35
Indicative temporary works to support ballast (no railway loading) and to prevent contamination. To consist of 25 ϕ steel pins 1000 long (approx.) at 400 crs with trench sheet spaced horizontally between. Designed by contractor to suit method of working and to the approval of Network Rail

1500 Min to rear of yellow line

15mm thick polymer modified bitumen bonding strip fixed to back of tactile slabs
25mm Thk. bitumen macadam wearing course
applied
400x400x50 Precast concrete tactile slabs (colour - beige) on min 50mm thk mortar bed
10mm thk. mortar joint
50mm Thk. dense bitumen macadam base course
100mm wide yellow line shall be proprietary based thermoplastic material, required only where permissible or enhance permissible speeds exceed 100mph
applied
Bitumen tack coat to be applied
Gap for cables for future provision of lighting
Slope 1:40

1550
450min.
250x50 Edging to BS 7263 laid with 25mm oversail. Saw cut in drip groove 6mm wide 10mm deep
Engineering bricks laid on 10mm mortar bed
Dimension is dependent on lamppost height
35 Gap
349
254 I.D. uPVC sleeve
600
* This may be increased to 900 max to suit location of suitable bearing strata

Galvanised steel mesh screens to be provided between cross walls (refer to drg. NR/CIV/SD/3044)
Sleeve for fence posts to be infilled with concrete min. grade ST5
75mm blinding dry mix concrete Grade ST1 Concrete

CROSSWALL WITHOUT CANTILEVER BEAMS

Scale 1:20

Drawing Number		NR/CIV/SD/3037		P1	
Scale		As Shown			
Type 2 Crosswall Platform Sheet 3 of 14 Crosswall Without Cantilever Beams					
Standard Platform Design					
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Approved		Prog.Eng. Manager Civils, MP & I		Date	
Authorised		Director of Civil Engineering		Signature	
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40 Melton Street London NW1 2EE Tel: 020-7557-8000					
					
Rev		Date		Description of revision	
P1					
C'kd		Design'd			
steel fence to BS 1722 Pt ural design as note 11 on o. NR/CIV/SD/3035 & 3036. 1461:1999. Finish to be be confirmed ction (for etc see drg associated details or clarity					



1.5m high Straight top steel fence to BS 1722 Pt 9, in appearance. Structural design as note 11 on general notes drawing No. NR/CIV/SD/3035 & 3036. Galvanised to BS EN ISO 1461:1999. Finish to be black powder coated

Lamppost orientation to be confirmed prior to platform construction (for details of fixing, ducts etc see drg no. NR/CIV/SD/3042). Associated details of lamp posts omitted for clarity

250x50 Edging to BS 7263 laid with 25mm oversail. Saw cut in drip groove 6mm wide 10mm deep

Engineering bricks laid on 10mm mortar bed

Dimension is dependent on lamppost height

* This may be increased to 900 max to suit location of suitable bearing strata

75mm blinding dry mix concrete Grade ST1 Concrete

Galvanised steel mesh screens to be provided between cross walls (refer to drg. NR/CIV/SD/3044)

Sleeve for fence posts to be infilled with concrete min. grade ST5

75mm blinding dry mix concrete Grade ST1 Concrete