Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/3023 Rev P1

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CAD Drawing

- CIV/SD/3023

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Notes

1. This drawing is to be read in conjunction with drawing No. NR/CIV/SD/3020 & 3021 and drawings listed thereon.

2. All dimensions shown are in millimetres unless stated otherwise.

3. Where S&C exists adjacent to or near the ends of the platform, the effects of vehicle end throw shall be taken into account.

4. Vertical camber of the precast members to be taken into account in setting out the coping units, mortar bed to be adjusted and insitu topping depth to suit.

5. Area within 1030mm from running edge beneath the platform deck shall be kept clear of cables and other obstructions in order to provide emergency refuge.

6. No drilling is allowed into precast prestressed hollow core planks.
Prestressed planks to be designed to allow for their dead load and the following nominal thickness:
75mm Insitu topping
25mm Mortar bed
100mm Precast coper
plus allowance of an extra 40mm topping for future track lifts.
Imposed live load of 5kN/m² or 5kN point load on 300x300mm area, which ever produces the worst case.

Precast planks should comply with the following requirements:–
Minimum cover to reinforcement 30mm
Class 2 serviceability classification to BS8110–1
Nominal unloaded camber 25mm
Typical plank depths for varying spans are:–

Structural Depth (mm)	Wall centres (m)
150	3.0 – 5.0
200	5.01 – 6.5
250	6.51 – 7.5

End 300mm of voids in precast planks to be filled with concrete grout during manufacture.

7. All mortar joints to be 10mm thick unless noted otherwise.

Rev	Date	Description of revision	Design'd	C'kd
P1				

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

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Standard Platform Design

Type 1 Crosswall Platform Crosswall With Cantilever Beams
Sheet 4 of 15

Scale	As Shown	
Drawing Number	NR/CIV/SD/3023	P1

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