Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/3017 Rev P1

Additional Content Access

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CAD Drawing

- CIV/SD/3017

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Notes

1. This drawing is to be read in conjunction with drawing No. NR/CIV/SD/3010 & 3011 and drawings listed thereon.

2. For construction undertaken in short possession (e.g. 6–8 hrs max) excavation for foundations to be undertaken in max. 5m lengths on 'hit and miss' basis.

3. For long possessions / blockades max. length of excavation shall not exceed 50m. Any longer length of excavation shall be agreed in advance on a site specific basis with Network Rail. Temporary works to support ballast shall be installed such that unsupported length does not exceed 3m at any time. Where track is curved or in periods of hot weather max. length of excavation shall be limited.

Notes cont.

Advice is to be sought from Track Engineer as to any limitations. Before traffic is allowed to be run on adjacent track minimum concrete cube strength of 5N/mm² is to be achieved.

4. Construction method is as follows (small plant / manual methods for works adjacent to railway):

* Indicates work undertaken during possession of line

Other items undertaken behind safety fences or hoardings or clear of the railway.

(i) Other services to be identified by CAT scan protected or diverted in accordance with site specific details

(ii) * Existing signalling cables to be sheathed in split ducts and protected from construction traffic (if applicable to particular project)

Notes cont.

(iii) * Foundations to platform walls to be excavated, temporary support to existing track ballast provided (to resist dead weight only, not railway live loading), backfilled with mass concrete and temporary works removed following the concrete setting, see drawing No. NR/CIV/SD/3012 for details.

(iv) * Construction of lowest 8 courses of blockwork walls (omitting corbelling, copers and tactile paviors) removal of temporary works and backfill 3 courses.

(v) Lay corbelling and complete backfilling to rear of platform walls. This work shall be undertaken in green zone established behind rigid safety fences (alternatively in possession when safety fence provision not practicable)

(vi) Excavation for and laying of additional cable ducting, turning chambers, drainage runs etc. will take place during backfill operations (if applicable to particular project)

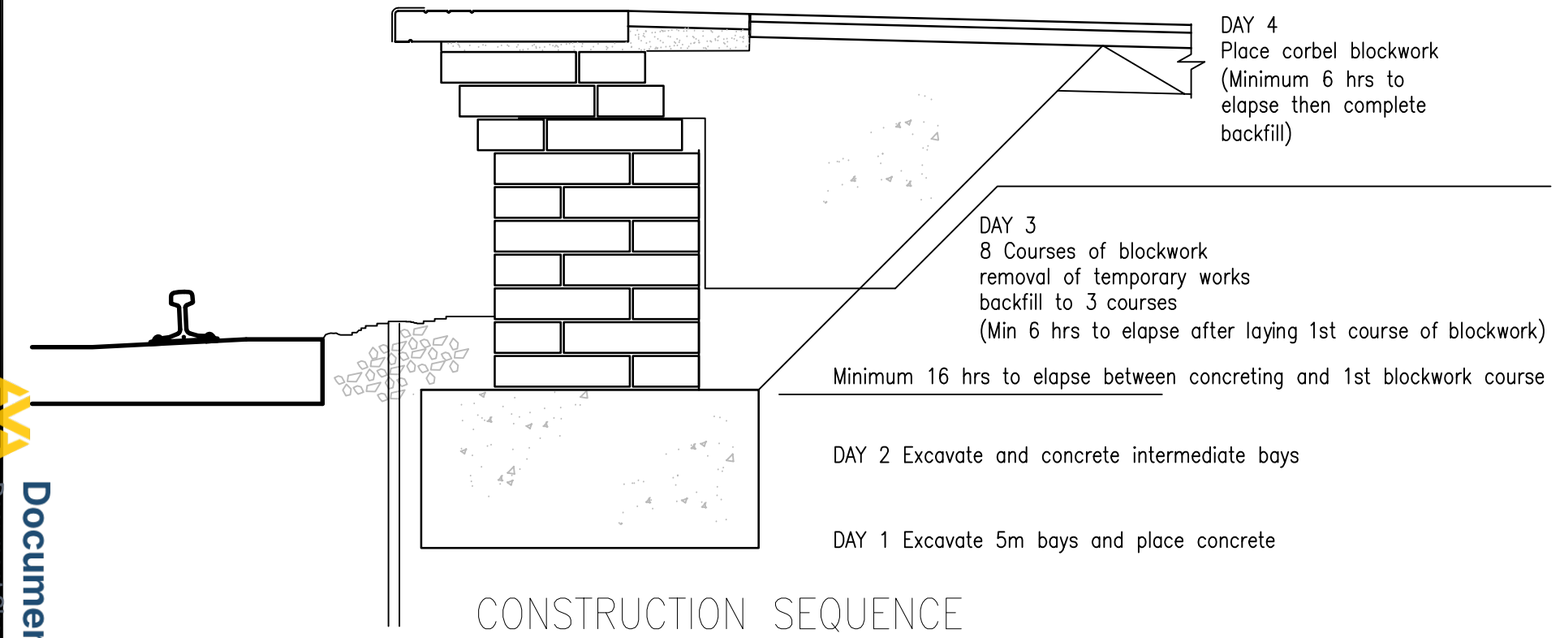
(vii) * Installation of platform copers and tactile paviors during possession

Notes cont.

(viii) * Installation of 'rise and fall' lighting columns during possessions (if applicable to particular project) Laying of bitumen maccadam surfacing.

(ix) Installation of back of platform fencing (if applicable to particular project)

Note – The gauging of the platform to be checked prior to handing back the possession and the platform stepping distances are to be checked when the first passenger train uses the platform.



CONSTRUCTION SEQUENCE
Scale 1:20

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

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Authorised —		Director of Civil Engineering		
	Name	Position	Signature	Date

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

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Standard Platform Design

Traditional Front Wall Platform
sheet 8 of 10
Construction Sequence

Scale	As Shown	
Drawing Number	NR/CIV/SD/3017	P1

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