Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/1727 Rev B

Additional Content Access

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CAD Drawing

- CIV/SD/1727

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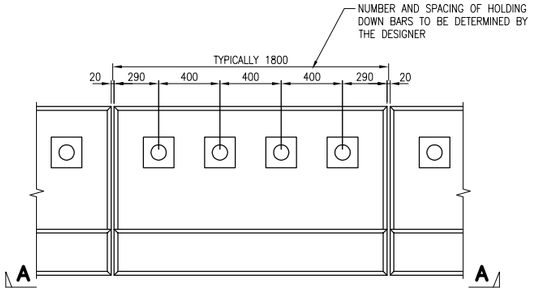
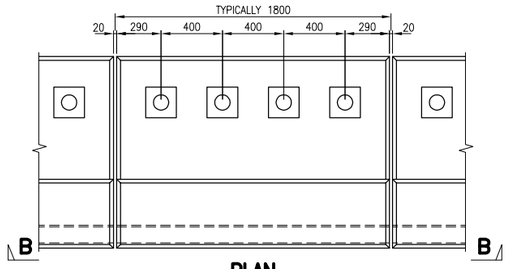


PLAN
SCALE 1:20



PLAN
(ALTERNATIVE SHOWING BRICK CLADDING)
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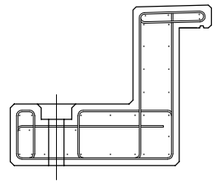

SECTION D–D
SHOWING TYPICAL INDICATIVE REINFORCEMENT
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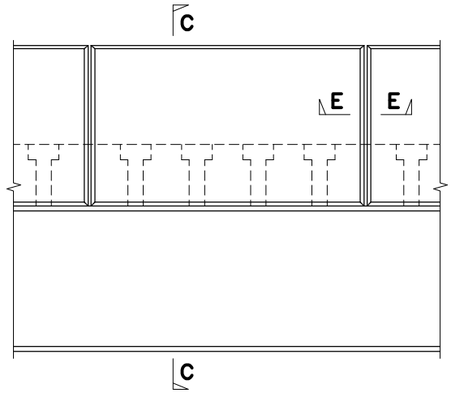

ELEVATION A–A
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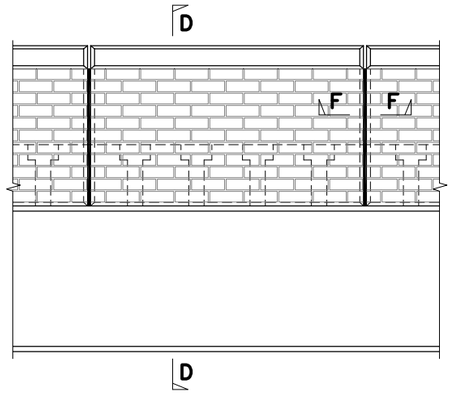

ELEVATION B–B
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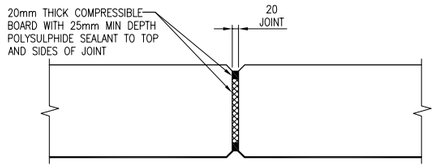

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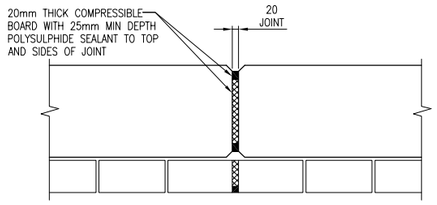
SCALE 1:10



SECTION F–F
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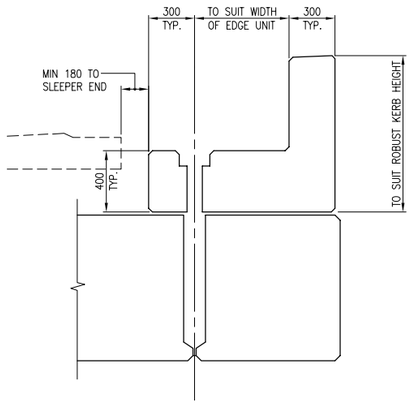

SECTION C–C
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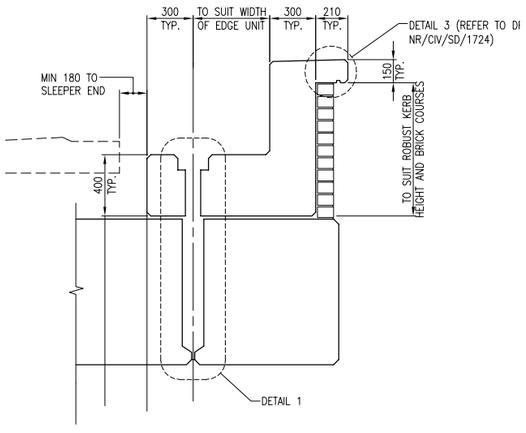

SECTION D–D
(ALTERNATIVE SHOWING BRICK CLADDING)
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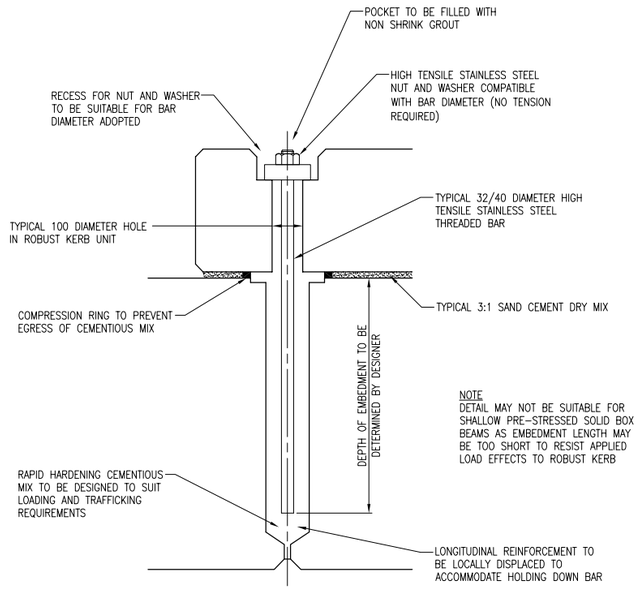

NOTE
DETAIL MAY NOT BE SUITABLE FOR SHALLOW PRE–STRESSED SOLID BOX BEAMS AS EMBEDMENT LENGTH MAY BE TOO SHORT TO RESIST APPLIED LOAD EFFECTS TO ROBUST KERB

DETAIL 1
HOLDING DOWN DEVICE FOR ROBUST KERB

DRAWING No. NR/CIV/SD/1727

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE GENERAL NOTES ON DRAWING NR/CIV/SD/1702.
2. ALL CONCRETE, MATERIALS & WORKMANSHIP TO BE IN ACCORDANCE WITH BSEN13670 AS AMMENDED BY THE NETWORK RAIL SPECIFICATION.
3. REINFORCED CONCRETE INFORMATION IN ACCORDANCE WITH BS8500–2:2006 TO BE PROVIDED BY THE DESIGNER:

   MIN CONCRETE GRADE
   REINFORCEMENT TYPE
   MAXIMUM AGGREGATE SIZE
   NOMINAL COVER TO REINFORCEMENT
   FIXING TOLERANCE
   CEMENT TYPE / COMBINATION
   MAXIMUM WATER / CEMENT RATIO
   MINIMUM COMBINATION CONTENT

4. EXPOSURE CLASS TO BE XD3 (SOFFIT) AND XC4 (BELOW WATERPROOFING).
5. ALL REINFORCEMENT TO BE TO GRADE B500B OR B500C CONFORMING TO BS4449:2005
6. ALL REINFORCEMENT TO BE CUT AND BENT TO BS8666:2005
7. BAR BENDING SCHEDULE IS TO BE PREPARED FOR EACH INDIVIDUAL BRIDGE. THERE ARE NO STANDARD SCHEDULES TO ACCOMPANY THE STANDARD DRAWINGS.
8. ALL CHAMFERS TO BE 20x20mm.
9. WATERPROOFING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS WHEN CONCRETE HAS ATTAINED ITS SPECIFIED 7 DAY STRENGTH OR AFTER 7 DAYS, WHICHEVER IS THE LONGEST.

Rev	Date	Description of revision	Design'd	C'kd
B	APR 10	EUROCODE ISSUE	MK	AGW
A	APR 10	FIRST ISSUE	MK	AGW
P2	18.06.09	NOTES AND DETAILS REVISED	MK	AGW
P1	27.03.09	DRAFT FOR REVIEW	MK	AGW

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	Name	Position	Signature	Date
Approved	Paul Clark	Snr. Proj. Eng. Manager Infrastructure Investment Building and Civils	P.C.	APR 10

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

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CONCRETE UNDERBRIDGE STANDARD DRAWINGS

PRE–CAST OFF SITE PRE–STRESSED SOLID BOX ROBUST KERB ALTERNATIVE

Scale	AS SHOWN
Drawing Number	NR/CIV/SD/1727 B

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