Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/2511 Rev A

Additional Content Access

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CAD Drawing

- CIV/SD/2511

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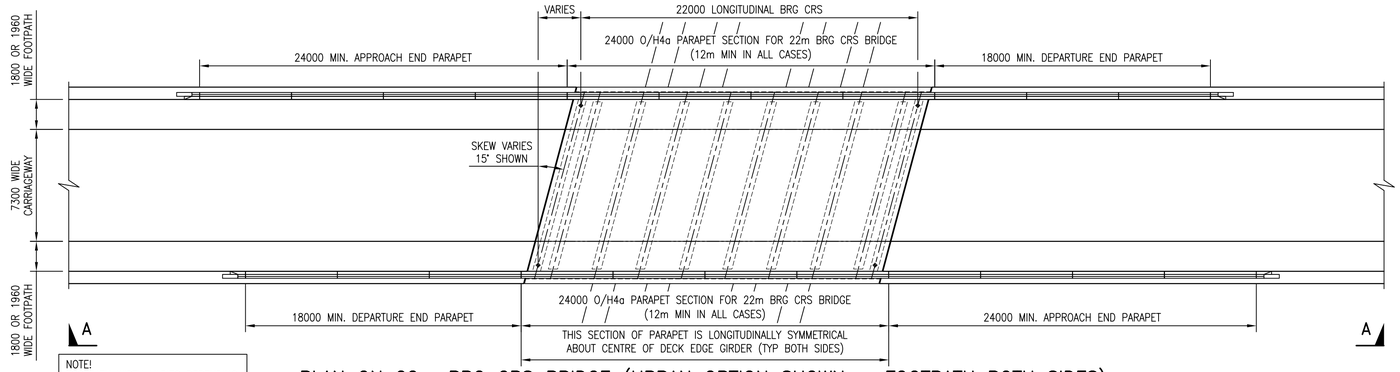
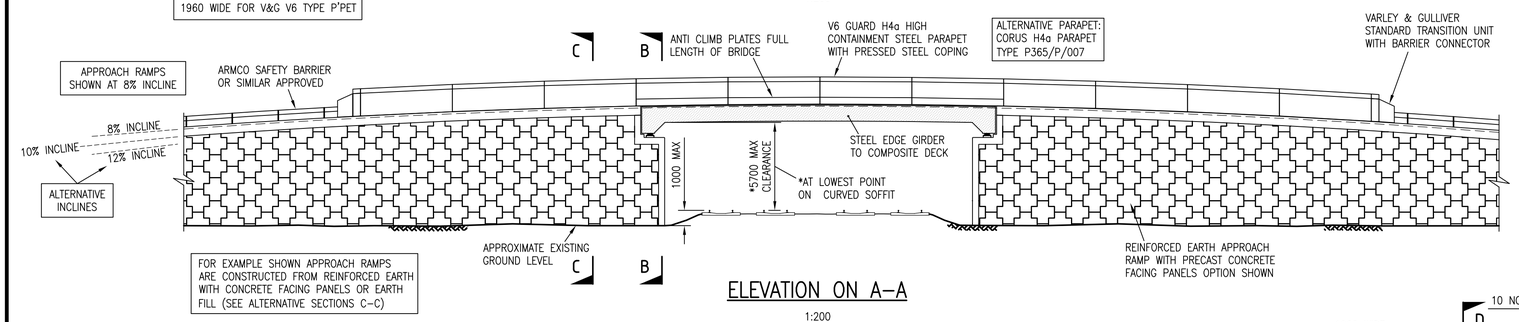
DRAWING No. NR/CIV/SD/2511



NOTE!
FOOTPATH WIDTH VARIES DEPENDING ON PARAPET TYPE USED:
1800 WIDE FOR CORUS PARAPET
1960 WIDE FOR V&G V6 TYPE P'PET

PLAN ON 22m BRG CRS BRIDGE (URBAN OPTION SHOWN – FOOTPATH BOTH SIDES)

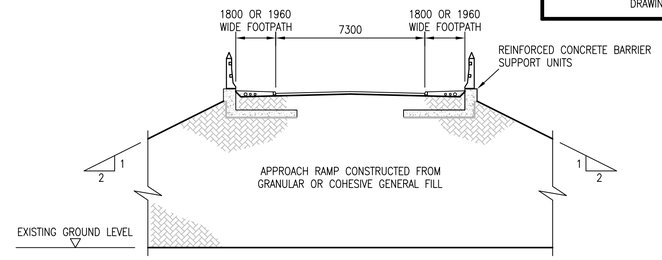
1:200



FOR EXAMPLE SHOWN APPROACH RAMPS ARE CONSTRUCTED FROM REINFORCED EARTH WITH CONCRETE FACING PANELS OR EARTH FILL (SEE ALTERNATIVE SECTIONS C–C)

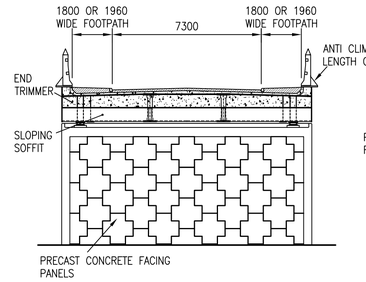
ELEVATION ON A–A

1:200



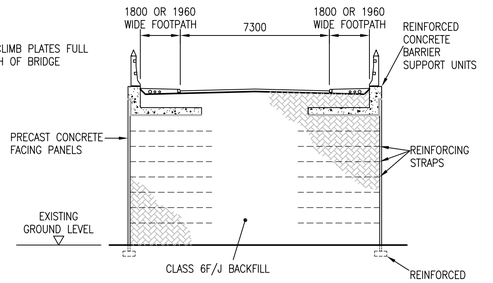
SECTION C–C (EARTH FILL OPTION)

1:150



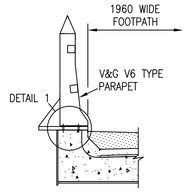
SECTION B–B

1:150



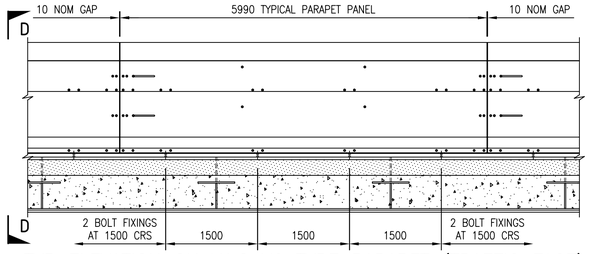
SECTION C–C (REINFORCED EARTH OPTION)

1:150



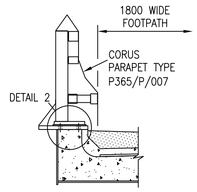
SECTION D–D

1:50



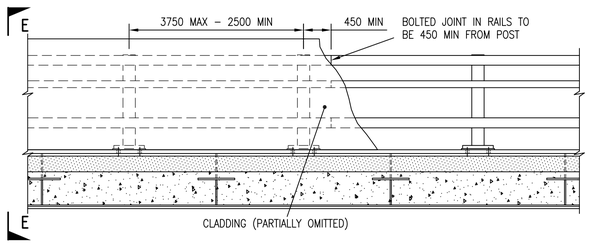
TYP ELEVATION ON V&G V6 TYPE PARAPET (TRAFFIC FACE)

1:50



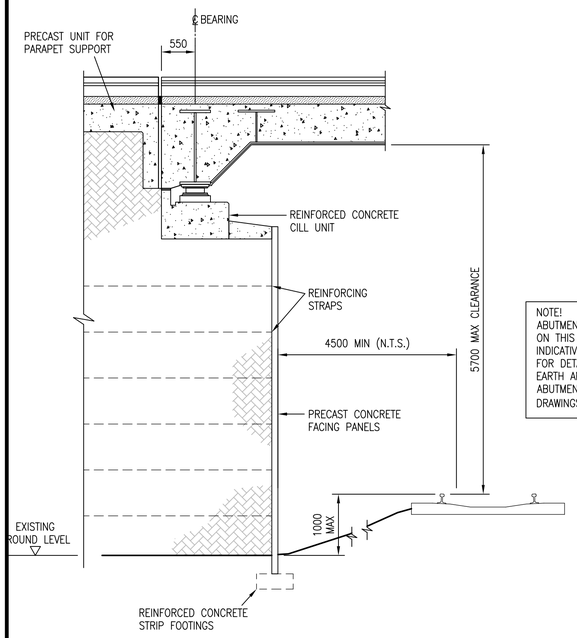
SECTION E–E

1:50



TYP ELEVATION ON P365/P/007 TYPE PARAPET (TRAFFIC FACE)

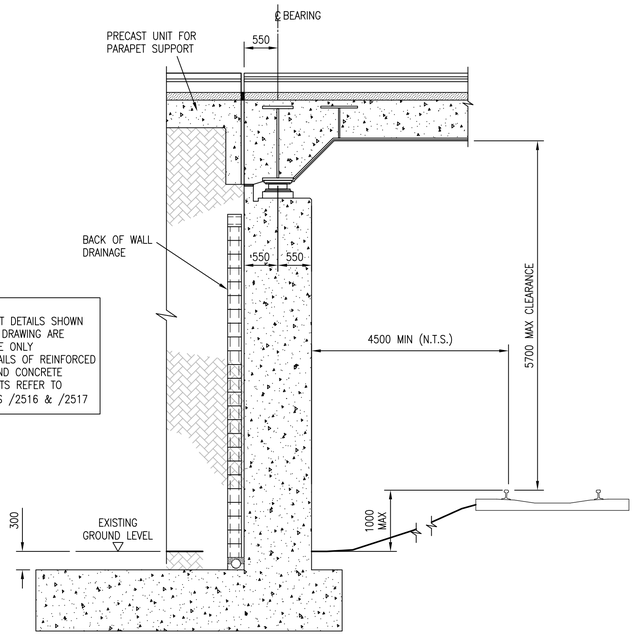
1:50



TYP SECTION THRO' ABUTMENT (REINFORCED EARTH OPTION)

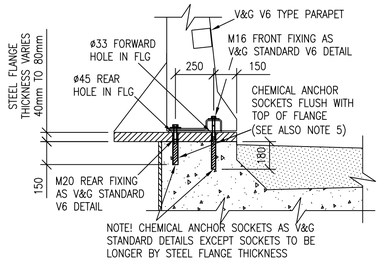
1:50

NOTE!
ABUTMENT DETAILS SHOWN ON THIS DRAWING ARE INDICATIVE ONLY
FOR DETAILS OF REINFORCED EARTH AND CONCRETE ABUTMENTS REFER TO DRAWINGS /2516 & /2517



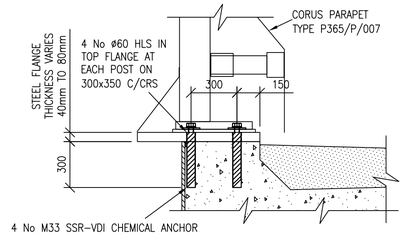
TYP SECTION THRO' ABUTMENT (EARTH FILL OPTION)

1:50



DETAIL 1

1:20



DETAIL 2

1:20

FOR FORM B APPROVAL

1 FOR FULL DETAILS OF PARAPETS AND FIXING DETAILS REFER TO MANUACTURER'S DRAWINGS
2 DESIGN ALLOWS FOR 80mm UPSTAND FROM FOOTWAY TO TOP OF MAIN GIRDER (BASED ON CORUS MIN REQUIREMENT OF 50mm + OMISSION OF 30mm BEDDING GROUT).
3 DESIGN ALLOWS FOR MIN 760mm OFFSET FROM FLANGE EDGE TO KERB WITH HOLES IN FLANGE AS DETAILS 1 & 2 FOR ANCHORAGE BOLTS. (PARAPET SELECTION TO BE CONFIRMED PRIOR TO FABRICATION AS FIXING HOLE DETAILS ARE NOT COMPATIBLE BETWEEN PARAPET OPTIONS).
4 FOR VERTICAL ALIGNMENT AND SUPERELEVATION DETAILS REFER TO DRAWING No NR/CIV/SD/2518
5 PARAPET SOCKET ANCHOR ADHESIVE TO FILL THE GAP BETWEEN THE SOCKET AND HOLE THROUGH MAIN GIRDER TOP FLANGE.
6 PARAPET TO BE FABRICATED FOLLOWING AN AS–BUILT SURVEY OF MAIN GIRDER TOP FLANGES AFTER CONCRETE AND SUPERIMPOSED DEAD LOADS HAVE BEEN PLACED. CONSIDERATION MAY BE GIVEN TO THE INTRODUCTION OF PACKS (UP TO 20mm THK) TO FACILITATE FURTHER LEVEL ADJUSTMENT.

Rev	Date	Description of revision	Design'd	C'kd
A	Aug '10	1st Issue	SB	AM

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	Name	Position	Signature	Date

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

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OVERBRIDGE

URBAN OPTION PLANS, ELEVATIONS AND SECTIONS (TYPICAL EXAMPLE)

Scale	AS NOTED	
Drawing Number	NR/CIV/SD/2511	A

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