Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/316 Rev C

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CAD Drawing

- CIV/SD/316

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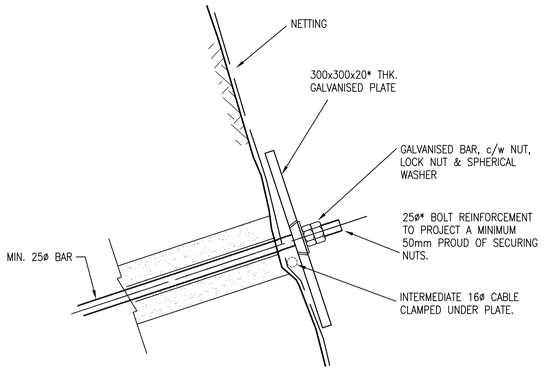
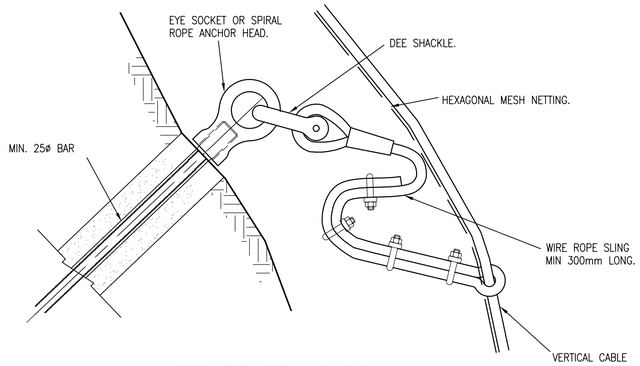


INTERMEDIATE ANCHOR WITH SINGLE DIRECTION ROPE DETAIL M1

SCALE 1:5



INTERMEDIATE ANCHOR DETAIL M2

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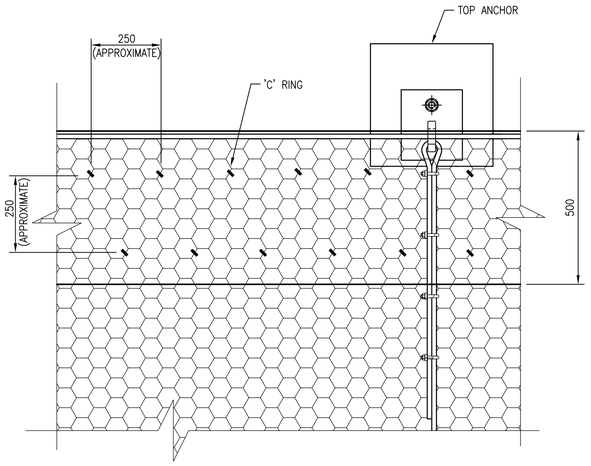
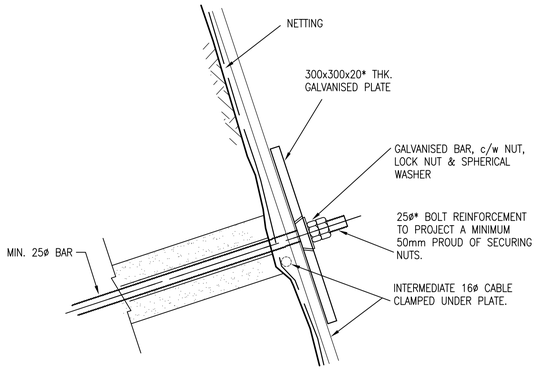


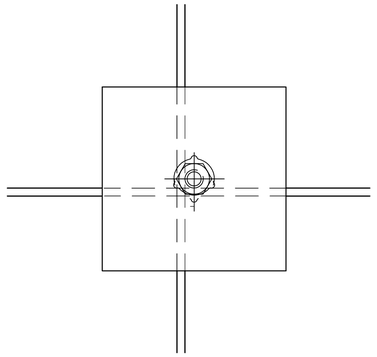
TOP 'C' RING ARRANGEMENT DETAIL 1

SCALE 1:10



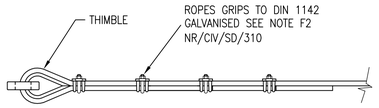
INTERMEDIATE ANCHOR WITH BI-DIRECTIONAL ROPE DETAIL M3

SCALE 1:5



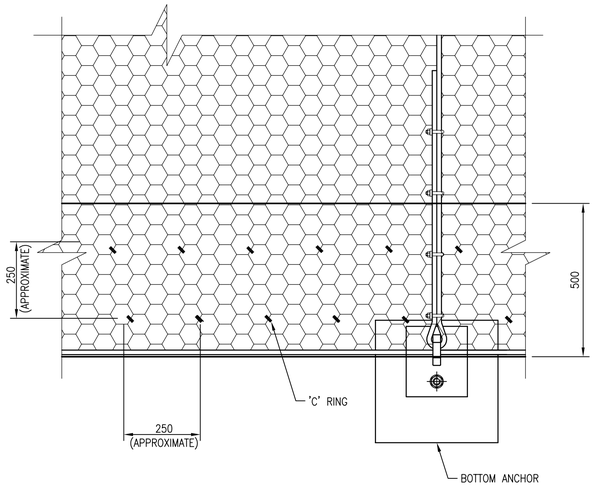
ELEVATION ON DETAIL M3

SCALE 1:5



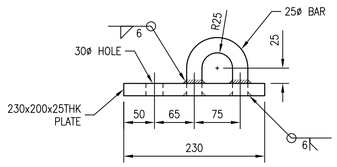
TYPICAL CABLE END FIXING DETAIL 4

SCALE 1:10



BOTTOM 'C' RING ARRANGEMENT DETAIL 2

SCALE 1:10

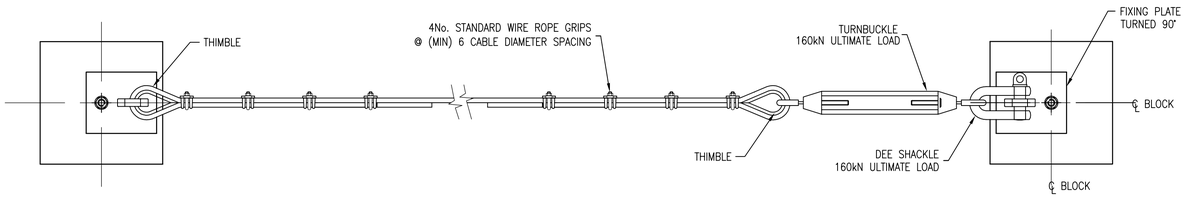


FIXING PLATE/EYE DETAIL 5

SCALE 1:5

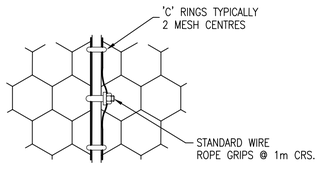
NOTE: LATERAL ANCHOR BLOCKS ARE TO BE AS PER ANCHOR TYPE T1 SHOWN ON DRAWING NR/CIV/SD/314

NOTE: TURNBUCKLES ARE TO BE PLACED AT MAXIMUM 30 METRE CENTRES.



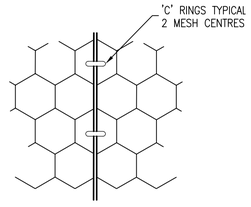
ELEVATION OF HORIZONTAL CABLE END FIXING WITH TURNBUCKLE DETAIL 3

SCALE 1:10



VERTICAL JOIN BETWEEN STEEL CABLE AND MESH NETTING DETAIL 6

SCALE 1:5



VERTICAL JOIN BETWEEN MESH NETTING DETAIL 7

SCALE 1:5

DRAWING No. NR/CIV/SD/316

NOTES

A GENERAL:

A1 THESE DETAILS ARE INTERMEDIATE AND MISCELLANEOUS DETAILS FOR NETTING CONFIGURATIONS SHOWN ON DRAWINGS NR/CIV/SD/311–313.

A2 ANCHORAGES SHALL GENERALLY BE INSTALLED NORMAL TO THE SLOPE ANGLE.

A3 ANCHORAGE DIMENSIONS AND ORIENTATION TO BE SPECIFIED IN A PROJECT SPECIFIC FORM A/B.

A4 ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

B SPECIFICATION:

B1 REFER TO DRAWING NR/CIV/SD/310.

B2 REFER TO TUM NR/CIV/SD/TUM/301

C DESIGN ASSUMPTIONS:

C1 REFER TO DRAWINGS NR/CIV/SD/311–313.

C2 DETAILS ASSUME THAT ANCHORAGES ARE FIXED INTO UNWEATHERED ROCK.

C3 TYPICAL CAPACITIES ARE SHOWN FOR EACH DETAIL BASED ON PARAMETERS STATED ON THE DETAIL.

D INSTALLATION GUIDANCE:

D1 REFER TO DRAWINGS NR/CIV/SD/311–313.

E SAFETY, HEALTH & ENVIRONMENTAL RISK ASSESSMENT:

E1 REFER TO DRAWING NR/CIV/SD/310.

Rev	Date	Description of revision	Design'd	C'kd
C	MAY 2011	THIRD ISSUE	GPR	SWMF
B	19.03.08	SECOND ISSUE	NGAY	NGAY
A	08.08.06	FIRST ISSUE	NGAY	NGAY

Network Rail

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Approved	P CLARK	Senior Prog. Eng. Manager Investment Projects Building & Civils	PC	MAY 2011
	Name	Position	Signature	Date

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

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EARTHWORKS

PASSIVE NON-STRESSED NETTING INTERMEDIATE AND MISCELLANEOUS DETAILS

Scale	AS SHOWN	
Drawing Number	NR/CIV/SD/316	REV. C

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