Supplementary Information

The following information is associated with Network Rail Standard:
NR CIV/SD/327 Rev D

Additional Content Access

Click the link below to access CAD version of this drawing.

CAD Drawing

- CIV/SD/327

If you have any questions, or need assistance, please contact **IHS Support**

Information accessed via the links above is the property of the Copyright holder

IHS Additional Content Page

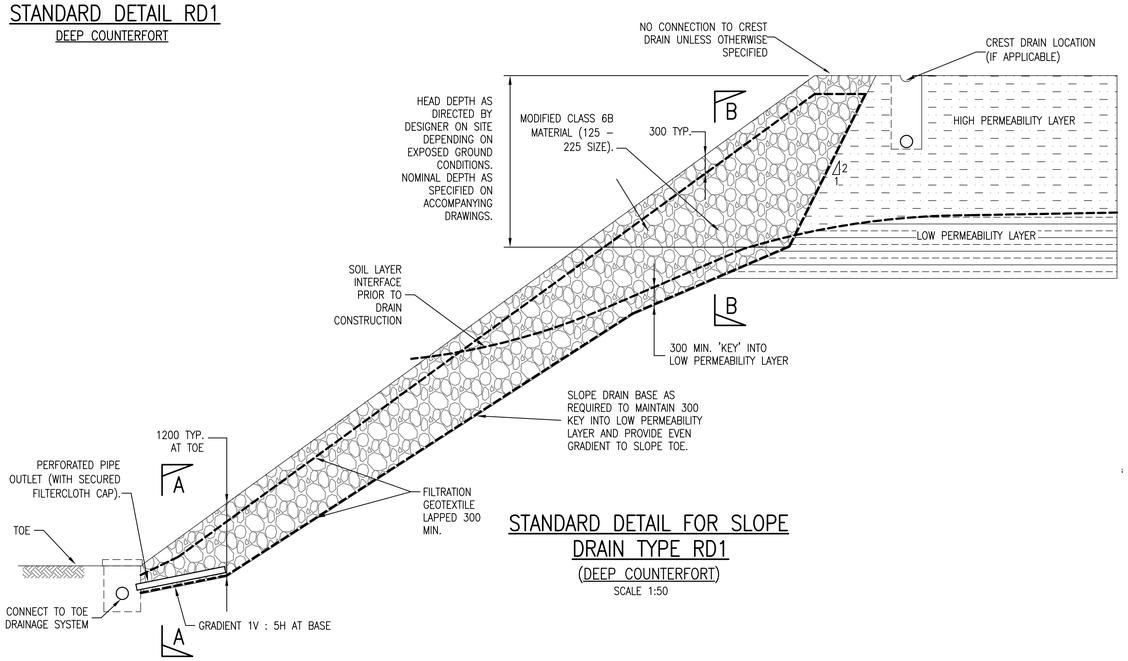
Documents
Document Sharing Hub

Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS
Full document details: NR NR-CIV-SD-327 ISSUE D 2011

Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 20:52:47 MDT

STANDARD DETAIL RD1

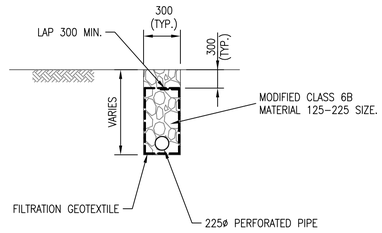
DEEP COUNTERFORT



STANDARD DETAIL FOR SLOPE DRAIN TYPE RD1

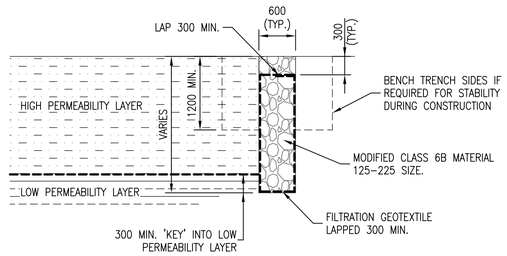
(DEEP COUNTERFORT)

SCALE 1:50



SECTION A–A

SCALE 1:50

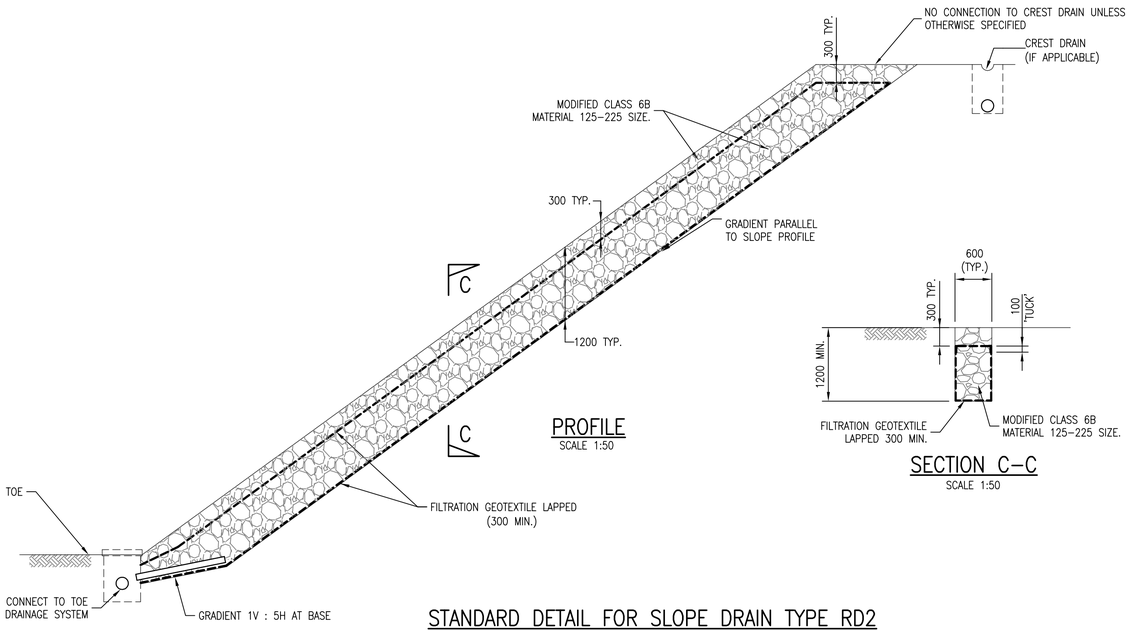


SECTION B–B

SCALE 1:50

STANDARD DETAIL RD2

SHALLOW COUNTERFORT



PROFILE

SCALE 1:50

SECTION C–C

SCALE 1:50

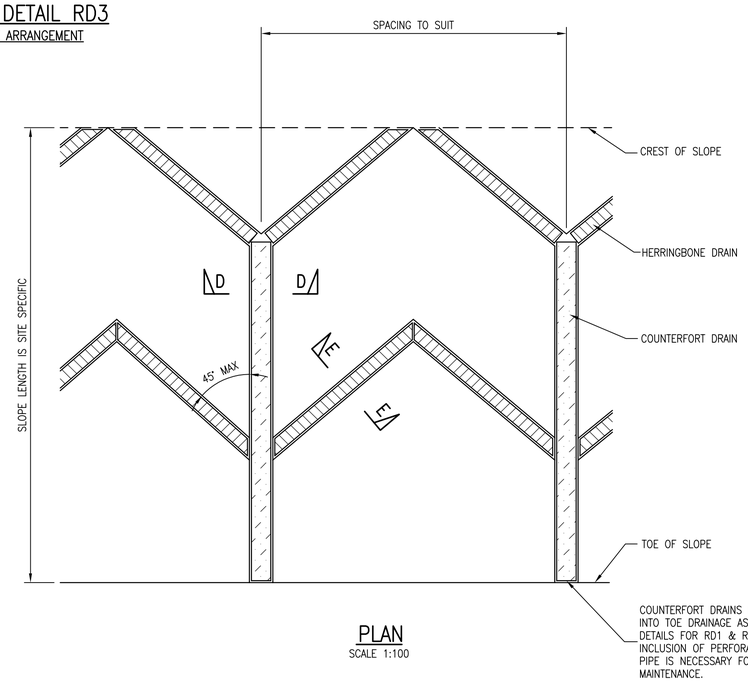
STANDARD DETAIL FOR SLOPE DRAIN TYPE RD2

(SHALLOW COUNTERFORT)

SCALE 1:50

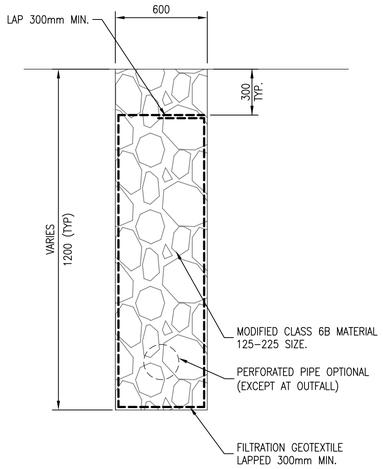
STANDARD DETAIL RD3

HERRINGBONE ARRANGEMENT



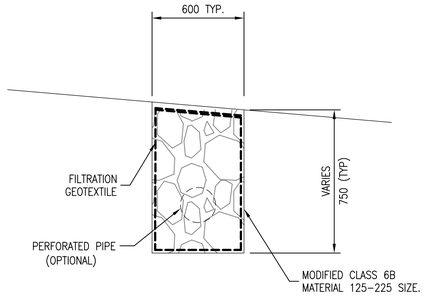
PLAN

SCALE 1:100



SECTION D–D

SCALE 1:20



SECTION E–E

SCALE 1:20

DRAWING No. NR/CIV/SD/327

NOTES

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES U.N.O.
2. FOR GENERAL NOTES REFER TO DRAWING NR/CIV/SD/320.
3. SLOPE DRAINS TO BE CONNECTED AT TOE TO EXISTING/PROPOSED DRAINAGE. THE DEPTH OF THE PERFORATED OUTLET PIPE IS TO MATCH, OR BE ABOVE, THE EXISITING/PROPOSED DRAINAGE (TO A MAXIMUM DEPTH OF 500mm) WHERE LARGE VEGETATION IS REMOVED, TO ALLOW CONSTRUCTION OF DRAINS, GRUBBING OUT OF ROOTS IS REQUIRED PRIOR TO EXCAVATION OF DRAINAGE.

INSTALLATION GUIDANCE

4. DRAIN SPACINGS AND LOCATION TO BE DETERMINED BY COMPETENT GEOTECHNICAL ENGINEER.
5. SETTING OUT POINT (S.O.P) TO BE AS PER CONTRACT SPECIFIC REQUIREMENTS.
6. ALL EROSION PROTECTION MATTING TO BE SECURED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. SUB–HORIZONTAL DRAIN TO EXTEND 500MM BEYOND FINAL SLOPE FACE.
7. LARGER BENCHING MAY BE REQUIRED ON SOME SLOPES TO BE DETERMINED BY A COMPETENT GEOTECHNICAL ENGINEER.

DESIGN ASSUMPTIONS

8. NO DISCHARGE TO SLOPE DRAIN FROM CREST DRAIN PERMITTED UNLESS OTHERWISE SPECIFIED.

RISK ASSESSMENT

9. SEE DRAWING NR/CIV/SD/320 TABLE 1

SPECIFICATION

10. SEE DRAWING NR/CIV/SD/320

Rev	Date	Description of revision	Design'd	C'kd
D	MAY 2011	THIRD ISSUE	GPR	SWMF
C	18.04.08	SECOND ISSUE	GPR	NGAY
B	25.05.07	REVISED FORM B	HCHS	NGAY
A	08.08.06	FIRST ISSUE	TWHS	NGAY

Network Rail

Network Rail Infrastructure Ltd. Registered Office: Kings Place, 90 York Way, London, N1 9AG

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

© COPYRIGHT NETWORK RAIL 2010

DRAINAGE SYSTEMS (TRACK AND OFF TRACK)

SLOPE DRAINAGE DETAILS RD1, RD2 & RD3.

Scale	AS SHOWN	
Drawing Number	NR/CIV/SD/327	REV. D

Full document details: NR NR-CIV-SD-327 ISSUE D 2011
Documents Document Sharing Hub
Licensee:nbrown William;20050841002. User:sam. allnet
Network Rail Infrastructure Limited
Copyright Network Rail
Provided by IHS under licence with Network Rail
No reproduction or distribution without prior written licence from IHS