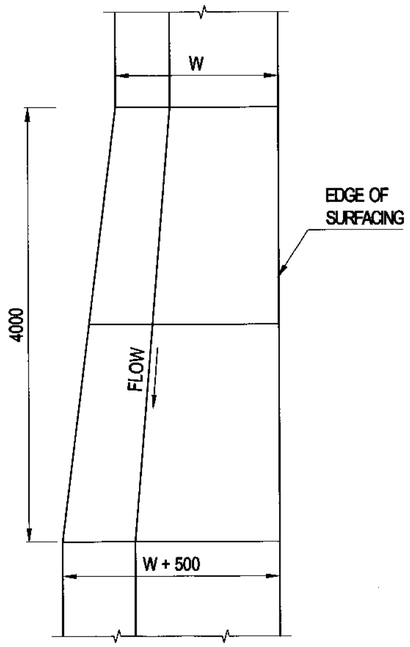


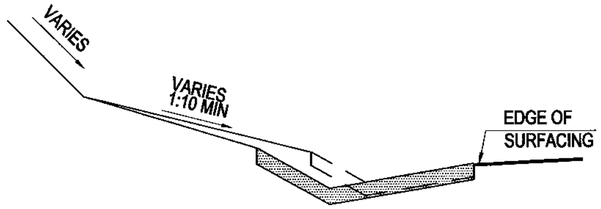
POSITION OF TYPE 'F' CONCRETE CHANNEL

N.T.S.



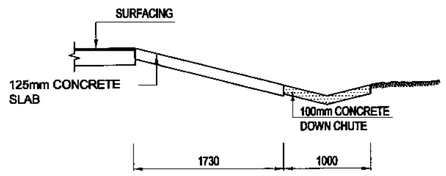
PLAN

N.T.S.



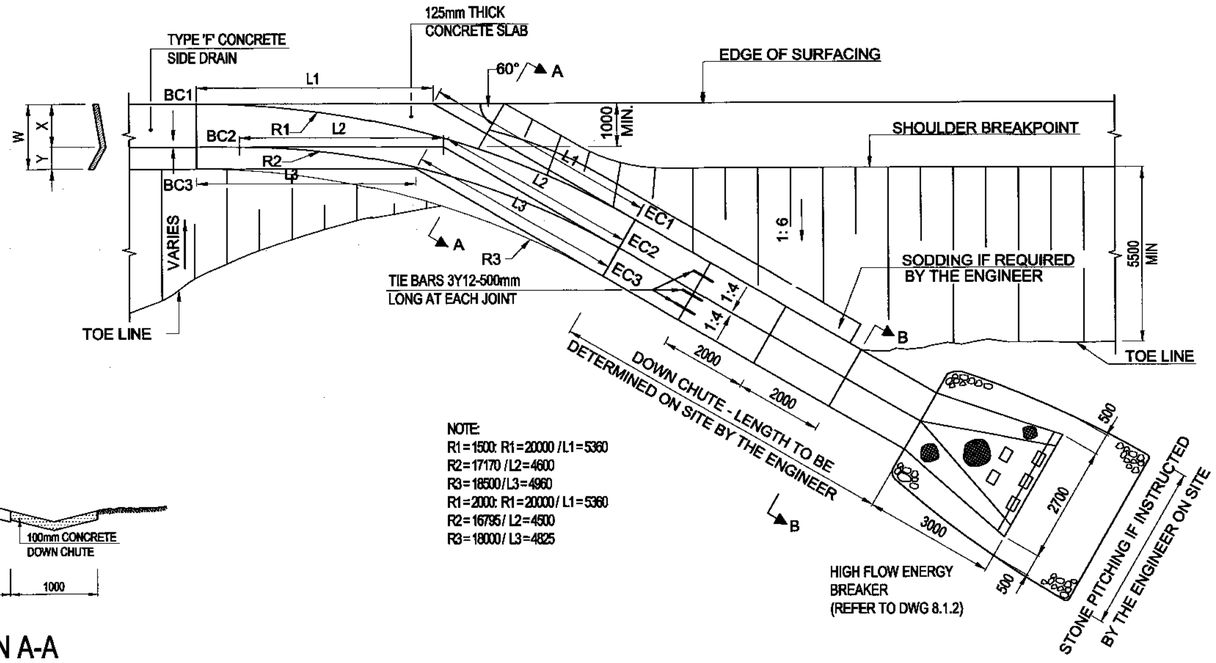
SECTION
TRANSITION IN TYPE 'F' CHANNELS

N.T.S.



SECTION A-A

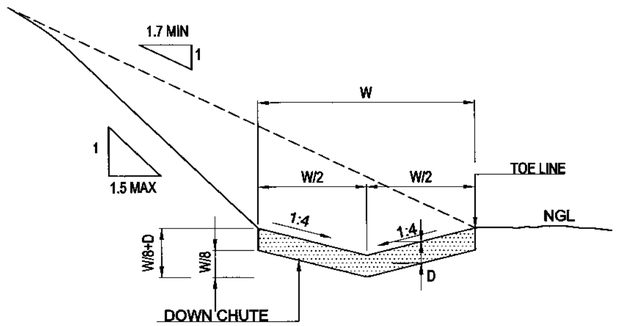
SCALE: 1:50



NOTE:
R1 = 1500: R1 = 20000 /L1 = 5360
R2 = 17170 /L2 = 4600
R3 = 18500/L3 = 4960
R1 = 2000: R1 = 20000/ L1 = 5360
R2 = 16795/ L2 = 4500
R3 = 18000/ L3 = 4825

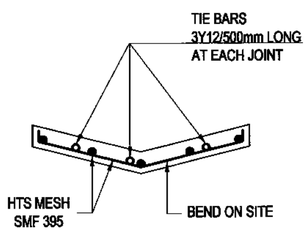
TRANSITION AND DOWN CHUTE FOR TYPE 'F' CONCRETE SIDE DRAIN

SCALE: 1:100



SECTION B-B

SCALE: 1:20



SECTION B-B (MESH DETAIL)

SCALE: 1:20

NOTES :

1. ALL CONCRETE CHANNELS AND OTHER DRAINAGE STRUCTURES ON THIS PLAN TO BE CAST USING CLASS 30/19 CONCRETE.
2. ALL CONCRETE CHANNELS MUST BE CAST IN ALTERNATIVE LENGTHS OF 2.0m MAXIMUM WITH EXPANSION JOINTS EVERY 5th PANEL (10 m)
3. ALL EXPOSED CORNERS MUST BE ROUNDED OF TO A MINIMUM RADIUS OF 10mm OR BE CHAMFERED 25mm x 25mm.
4. THE TYPE OF SURFACE FINISH IS INDICATED AS F1, F2 & U2.
   F - FORMED SURFACES
   U - UNFORMED SURFACES
5. MINIMUM CONCRETE COVER TO MAIN REINFORCEMENT IS 50mm.
6. ALL EXPOSED CORNERS MUST BE ROUNDED OF TO A MINIMUM RADIUS OF 10mm OR BE CHAMFERED 25mm x 25mm.
7. REFER GENERAL NOTES REGARDING CONCRETE DRAINS ON SHEET 1 OF 7 (8.1.1)
8. DETAILS OF EXPANSION JOINTS IN CONCRETE DRAINS AND FINISHING OF SURFACING EDGE NEXT TO CONCRETE DRAINS SHOWN AS "DETAIL X" ON SHEET 1 OF 7 (8.1.1) APPLY TO ALL RELATED TYPICAL DRAWINGS.

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No.	DATE	REVISION	APPROVED
V2	SEPT 2014	ORIGINAL VERSION	

SANRAL TYPICAL DRAWINGS

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THE SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg. No. 1998/009584/30

HEAD OFFICE
48 Tambotie Avenue
Val de Grace
Pretoria
0184

PO Box 415
Pretoria 0001
South Africa

Tel: (012) 844 8000

APPROVED
DATE: 2015/06/26

TYPICAL DRAWINGS - DRAINAGE

RD SURFACE DRAINAGE
TYPE 'F' CONCRETE CHANNELS
OUTLET DETAILS SHEET 7 OF 7

SANRAL DOC. No. (PDF)	1692532
SANRAL DOC. No. (DWG)	1864571
SANRAL DRAWING No.	TD-D-RD-1007-V1