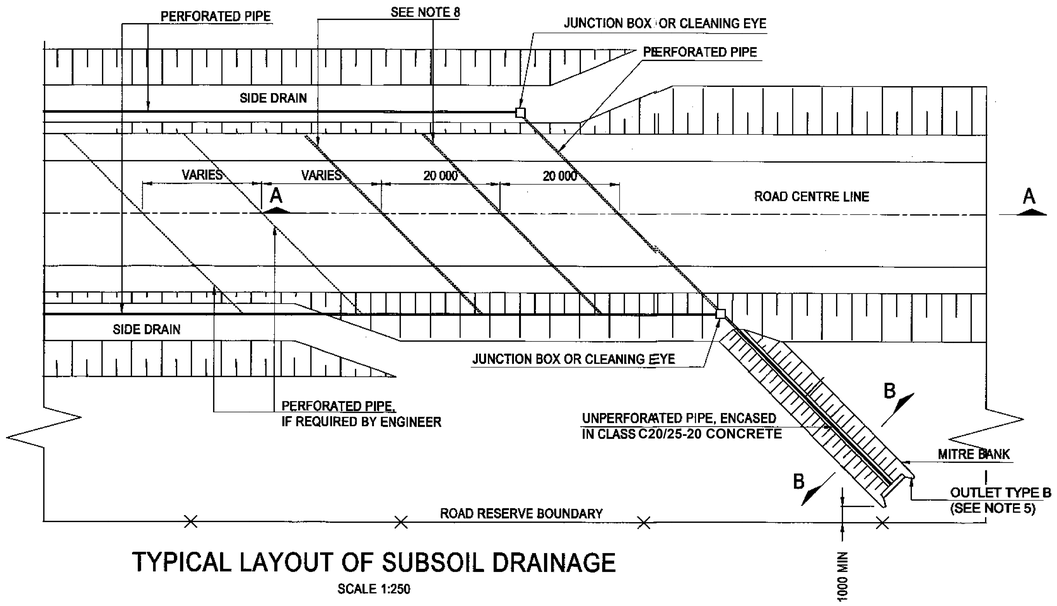
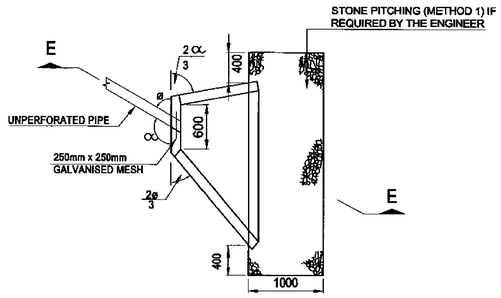


TYPICAL LAYOUT OF SUBSOIL DRAINAGE

SCALE 1:250

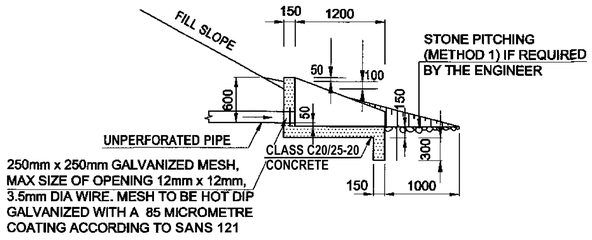


PLAN

SCALE 1:50

OUTLET TYPE A

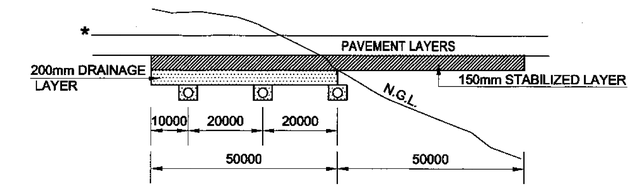
(SEE NOTE 5 ON SHEET 3)



SECTION E-E

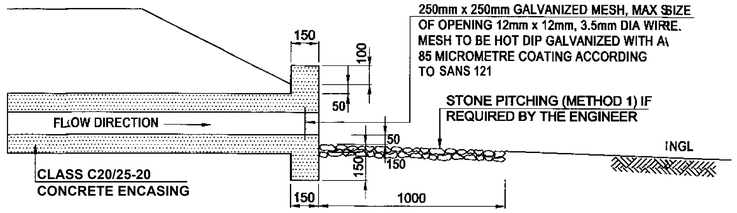
(WHERE α = 90°)

SCALE 1:50



SECTION A-A
SUBGRADE DRAINAGE AT CUT TO FILL TRANSITION

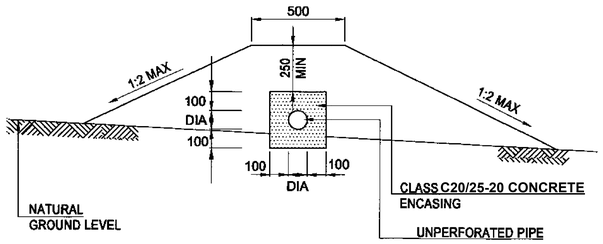
SCALE: 1 : 50



FRONT ELEVATION
(OUTLET TYPE B)

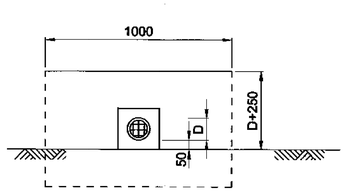
(SEE NOTE 5 ON SHEET 3)

SCALE 1:20



SECTION B-B

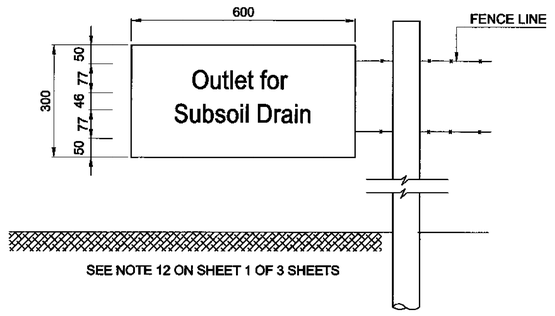
SCALE 1:20



FRONT ELEVATION

(TYPE B OUTLET STRUCTURE)

SCALE 1:20



SUBSOIL OUTLET MARKER BOARD

SCALE 1:10

FOR TENDER ONLY

No.	DATE	REVISION	CONSULT. ENG.
T01	29/10/2024	ISSUED FOR RETENDER	
T00	28/02/2022	ISSUE FOR TENDER	

CONSTRUCTION RECORD (AS-BUILT)
WORKS CONTRACT ENGINEER
Name :
Prof. Reg. No. :
Date :
SANRAL PROJECT MANAGER
Name :
Date :

DESIGNED BY
NAME
Prof. Reg. No.
CHECKED BY
NAME
Prof. Reg. No.
DRAWN BY
NAME

CONSULTANT APPROVAL
Name :
Prof. Reg. No. :
Date :

HEAD OFFICE
46 Tambotie Avenue
Val de Grace
Pretoria
0184

PO Box 415
Pretoria 0001
South Africa

Tel: (012) 844 8000

SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg No. 1998/012844/30
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

NORTHERN REGION
38 Ida Street
Menlo Park
Pretoria
0081

Private Bag X17
Lynnwood Ridge
0040

Tel: (012) 426 6200

ACCEPTANCE

THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING

for the SA NATIONAL ROADS AGENCY SOC LTD.
Date:

PROJECT DESCRIPTION

FOR TRAINING AND CONSTRUCTION MANAGEMENT SERVICES FOR A COMMUNITY DEVELOPMENT PROJECT TO UPGRADE ACCESS ROADS IN AND NEAR KWAMHLANGA TOWNSHIP – MPUMALANGA PROVINCE

DRAWING DESCRIPTION

SUBSURFACE DRAINAGE

SCALE : AS SHOWN

SHEET 2 OF 2

PROJECT NUMBER	C.002-053-2023/1	
DRAWING LOCATION DATA	START	END
ROUTE	-	-
SECTION	-	-
DRAWING km DISTANCE	-	-
DRAWING TYPE	ROADS - OTHERS	
BRIDGE/STRUCTURE No.		
CONSULTANT DRAWING No.	60487450-4-1-C-DA-107-T-01	VER T01
SANRAL DOCUMENT #		

SANRAL TITLE BLOCK #164823H(DWG/PDF) VERSION V11.1