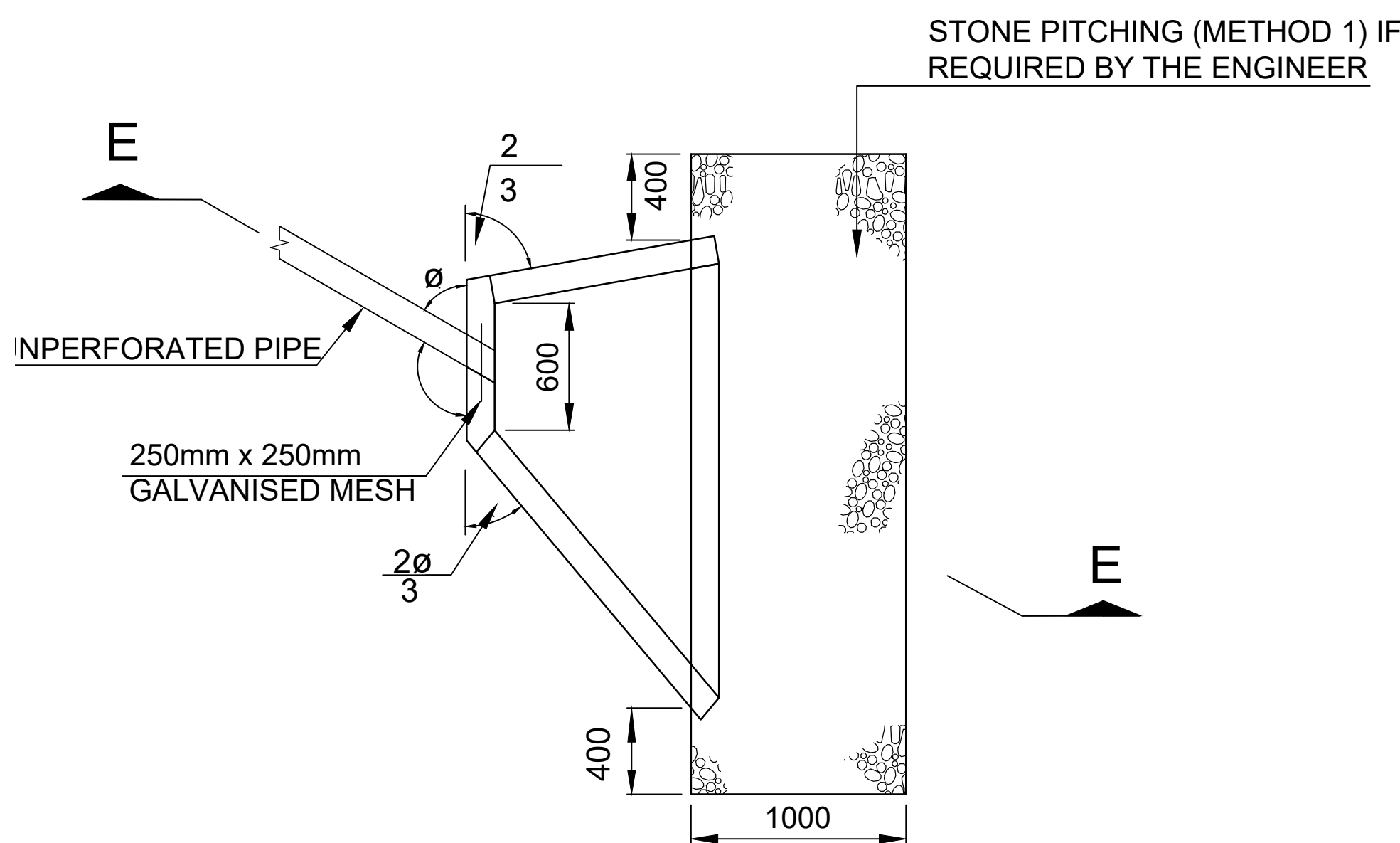
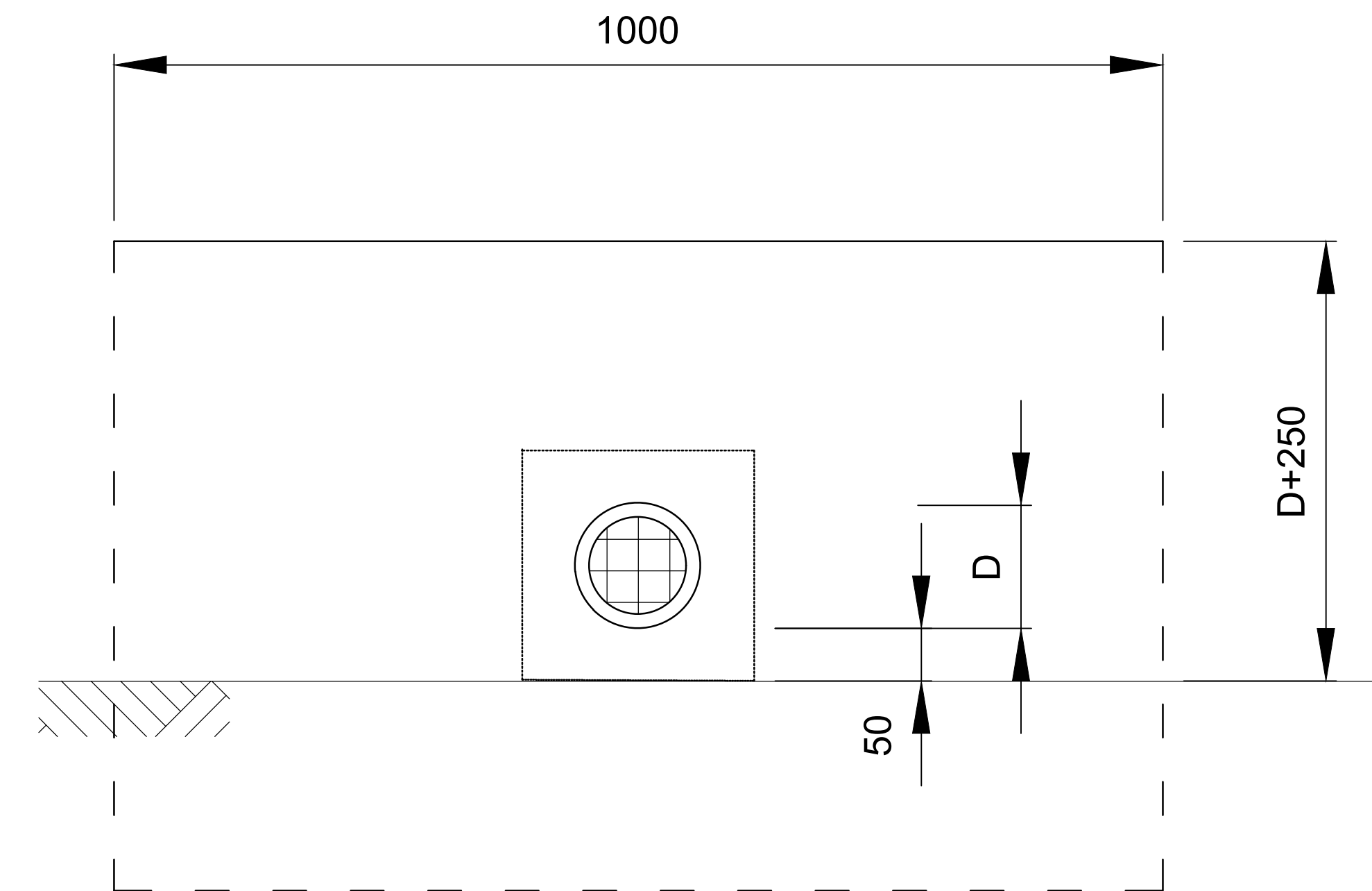


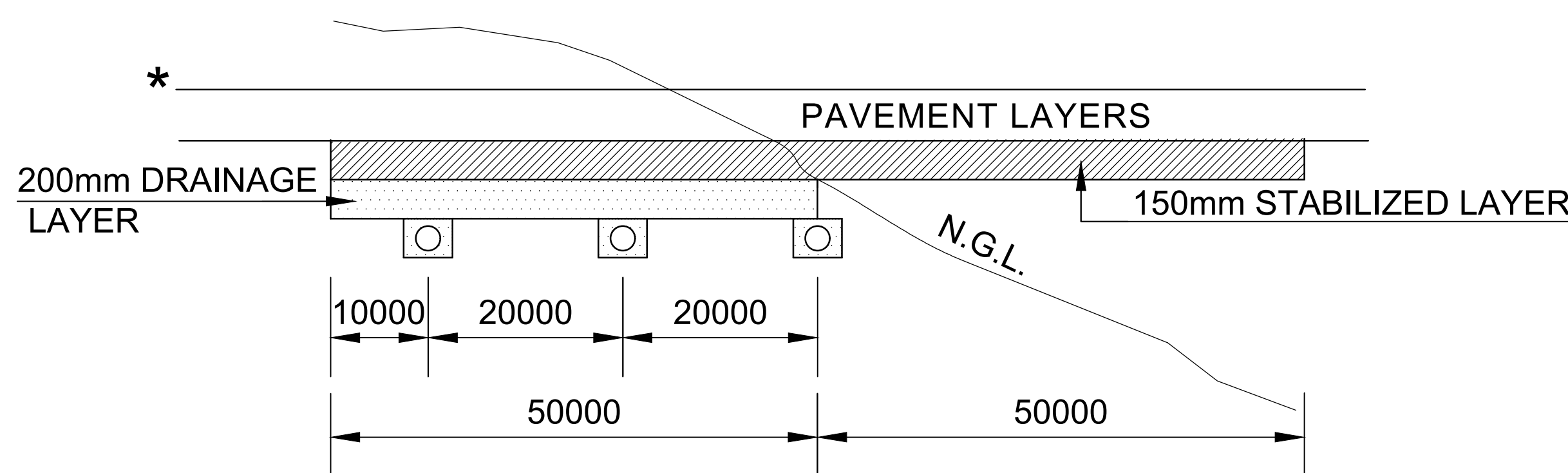
TYPICAL LAYOUT OF SUBSOIL DRAINAGE  
SCALE 1: 200



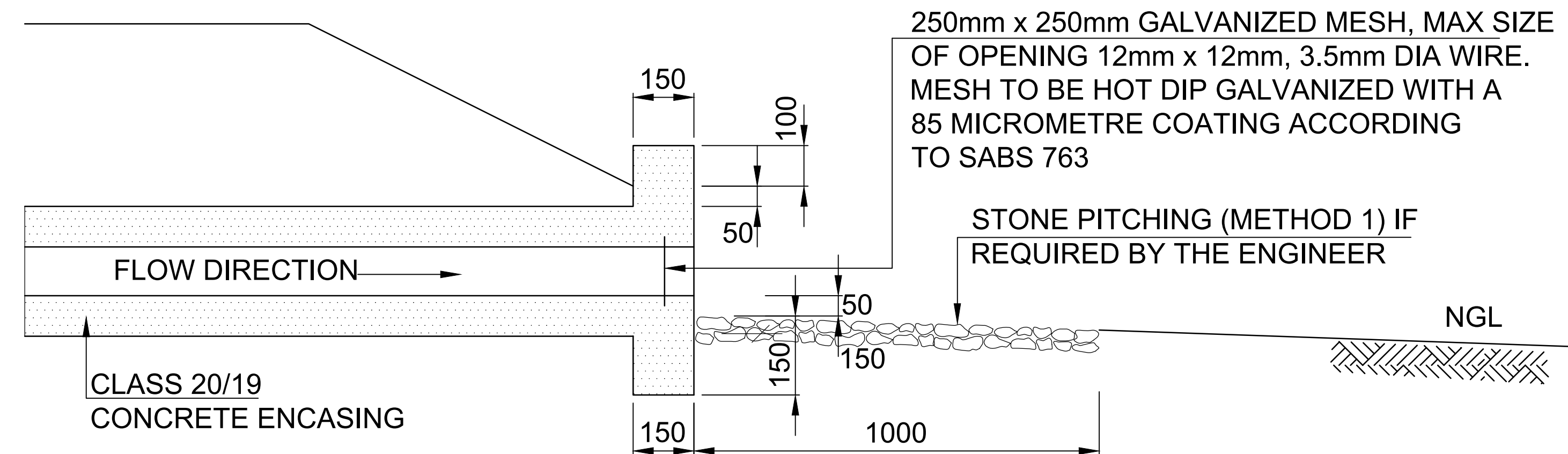
PLAN  
SCALE 1:25



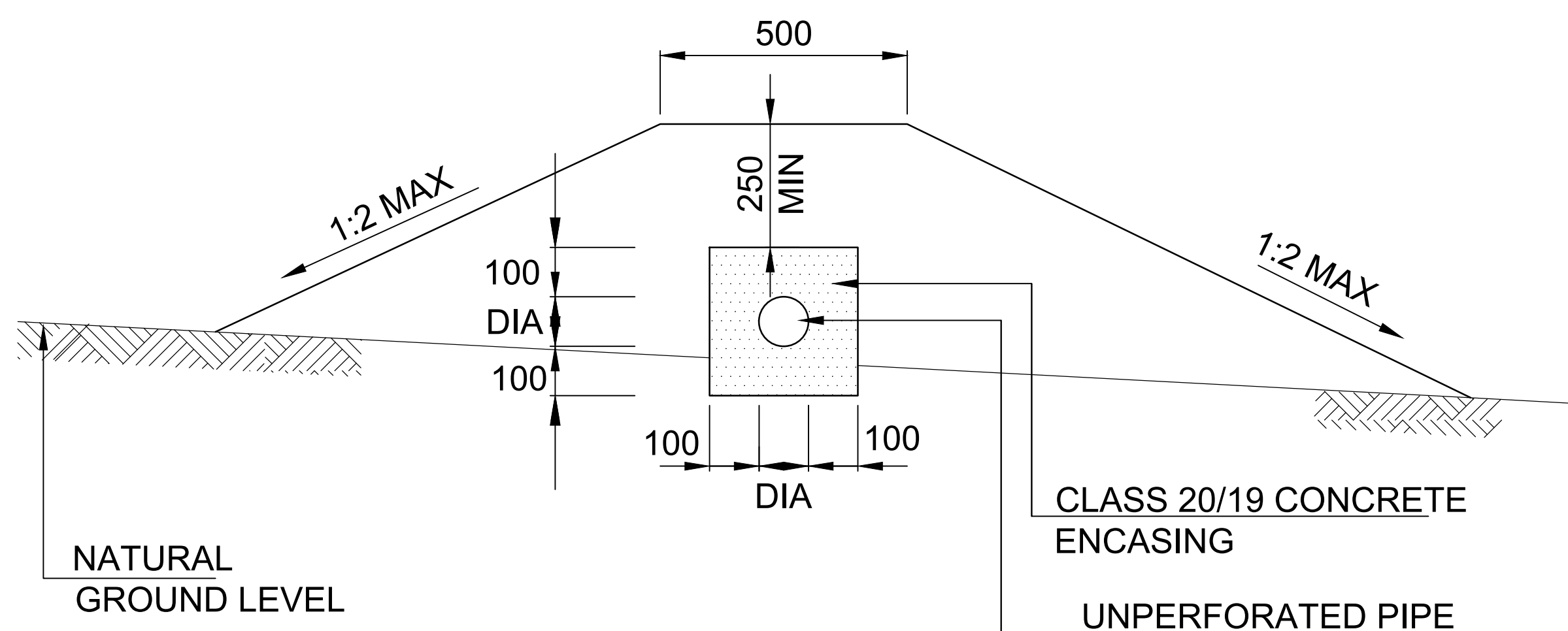
FRONT ELEVATION  
(TYPE B OUTLET STRUCTURE)  
SCALE 1: 5



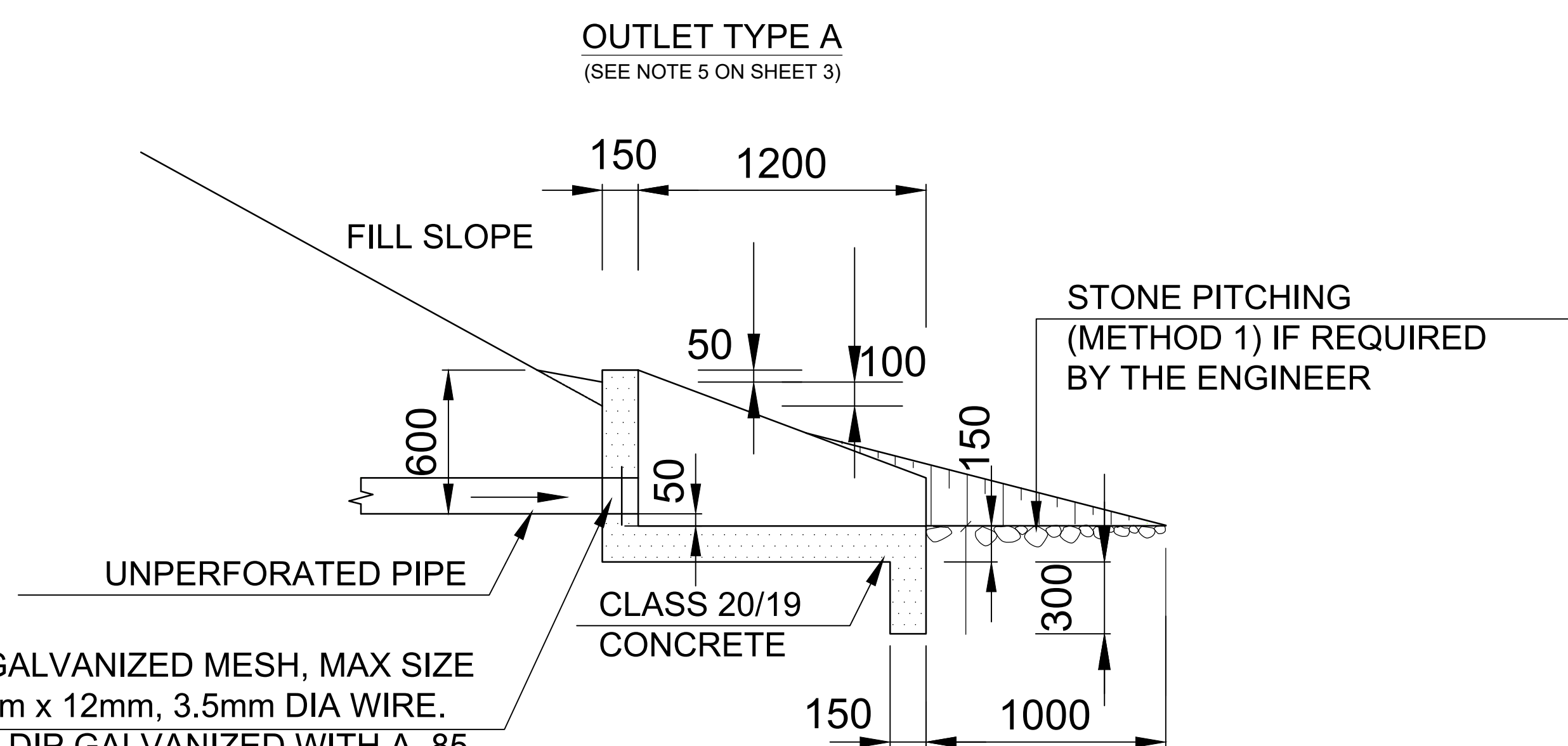
SECTION A-A  
SUBGRADE DRAINAGE AT CUT TO FILL TRANSITION  
SCALE: 1 : 500



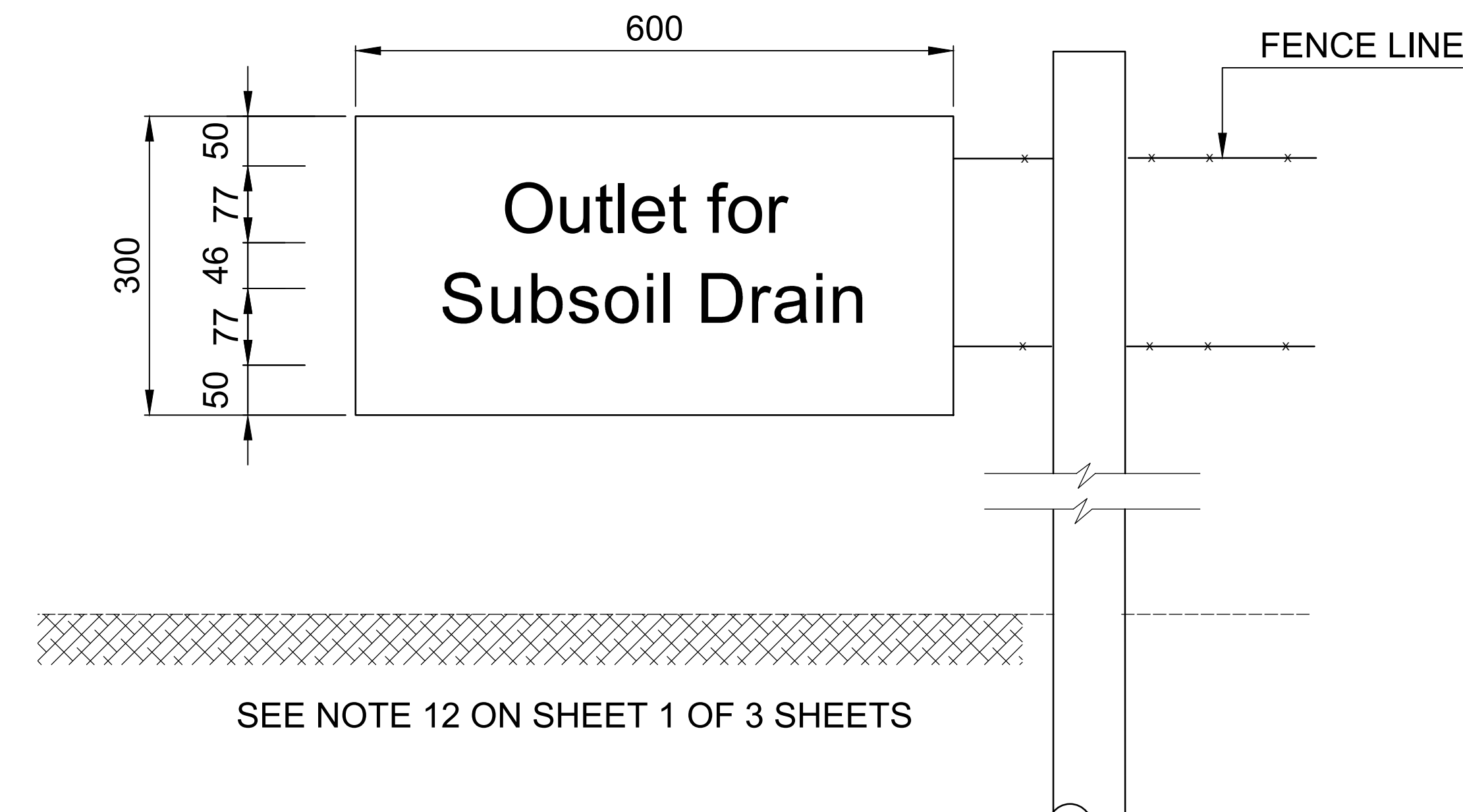
FRONT ELEVATION  
(OUTLET TYPE B)  
(SEE NOTE 5 ON SHEET 3)  
SCALE 1:10



SECTION B-B  
SCALE 1:10



SECTION E-E  
(WHERE  $\theta = 90^\circ$ )  
SCALE 1:20



SUBSOIL OUTLET MARKER BOARD  
SCALE 1:5

CONSTRUCTION RECORD				DESIGNED BY				CONSULTANT APPROVAL				HEAD OFFICE				NORTHERN REGION				ACCEPTANCE				PROJECT DESCRIPTION				PROJECT NUMBER			
WORKS CONTRACT ENGINEER				NAME				Name				48 Tambotie Avenue Val de Grace Pretoria 0154				38 Ida Street Menlo Park Pretoria 0081				THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATEVER CAUSE OR HOWEVER ARISING				THE REHABILITATION AND STRENGTHENING OF NATIONAL ROAD R504 SECTION 4 FROM LEEUDORINGSTAD (KM 0,0) TO NW/FS BORDER (KM 24,1)				R.504-040-2018/1F			
Name : S NAIKHER				F L E ROUX				Prof. Reg. No. : 20040015				Date : 13 DECEMBER 2019				Private Bag X17 Lynnwood Ridge 0040				Date:				DRAWING LOCATION DATA				START			
Prof. Reg. No. : 20040015				CHECKED BY				Date				PO Box 415 Pretoria 0001 South Africa				Tel: (012) 341 3025				Route				ROUTE				R504			
Date : 13 DECEMBER 2019				NAME				Date				Tel: (012) 341 3025				Fax: (012) 341 3025				Section				SECTION				04			
SANRAL PROJECT MANAGER				S VAN HUYSSTEEN				Date				Email: info@sanral.co.za				www.sanral.co.za				Drawing Type				DRAWING TYPE				ROADS - LAYOUTS			
Name : R OERLEMANS				DRAWN BY				Date				for CEO: SA NATIONAL ROADS AGENCY SOC LTD.				Bridge/Structure No.				BRIDGE/STRUCTURE No.				CONSULTANT DRAWING No.				FA			
Date : 13 DECEMBER 2019				NAME				Date				Date				20215/SD/31				Scale				SCALE :				SHEET 2 OF 3			
V1 MAR 2022 ISSUED FOR TENDER PURPOSES ONLY				CONSULT. ENG.				SANRAL DOCUMENT #				VER				V1															

THIS MASTER FILED AT NYELETI PRETORIA OFFICE BEARS THE ORIGINAL SIGNATURE OF APPROVAL