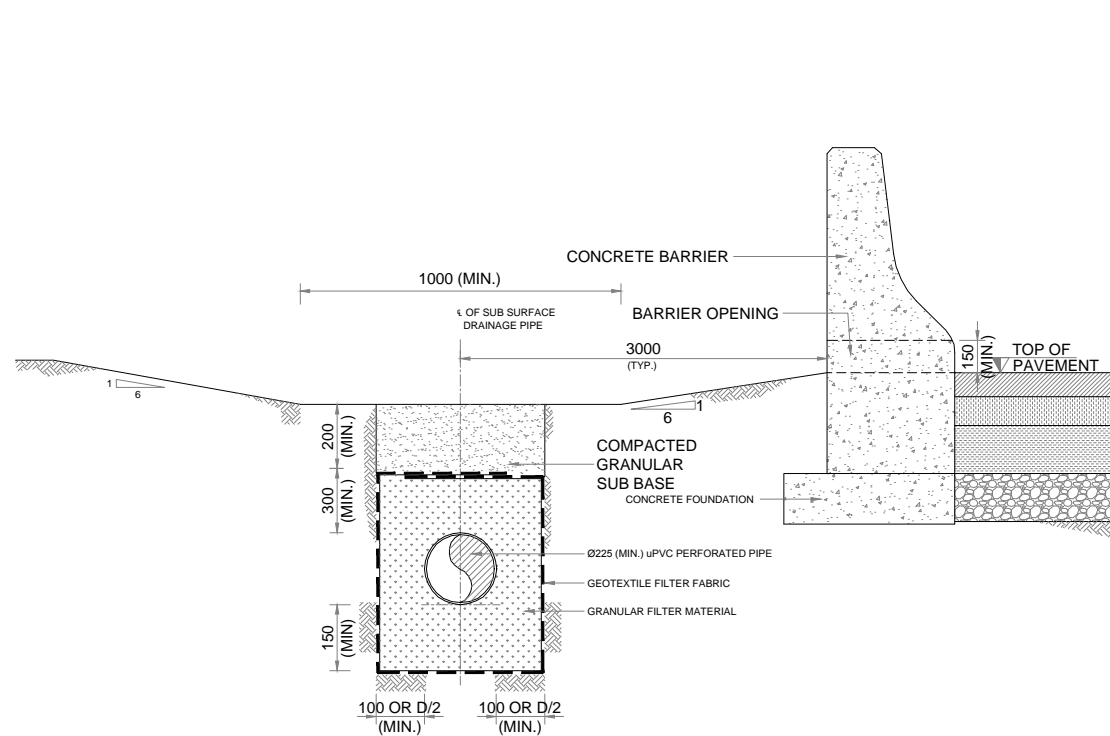
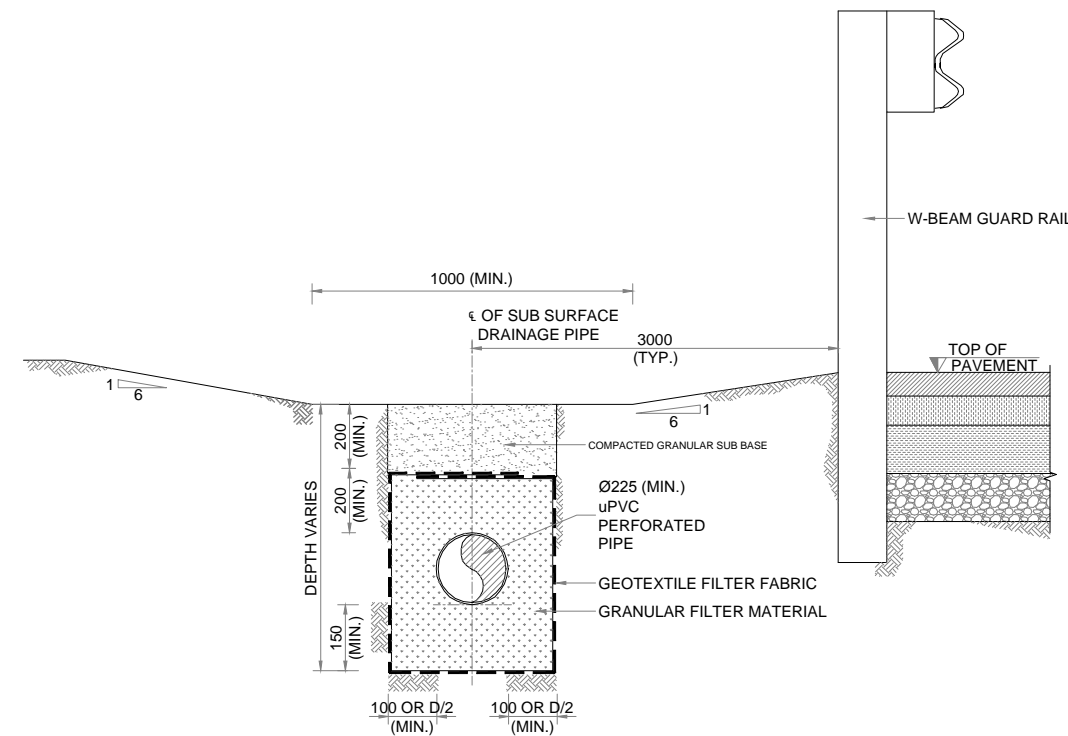


SUB SURFACE DRAIN SECTIONS ALONG HIGHWAY



TYPICAL SECTION FOR SUB SURFACE DRAINAGE IN SWALE DRAIN WITH CONCRETE BARRIER



TYPICAL SECTION FOR SUB SURFACE DRAINAGE IN SWALE DRAIN WITH W-BEAM GUARD RAIL

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED OTHERWISE.
- IF THERE IS DISCREPANCY BETWEEN THE REQUIREMENTS IN THE SPECIFICATIONS AND THOSE SHOWN ON THIS DRAWING, THE SPECIFICATIONS SHALL BE FOLLOWED.
- ALL MATERIALS, FABRICATION AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND VERIFIED BY THE ENGINEER.
- SUBSURFACE DRAINS ARE PROVIDED TO CONTROL THE GROUND WATER LEVEL TO BE UNDER PAVEMENT LAYERS AS RAISING OF GROUND WATER SHOULD BE CAUSED BY EXCESS IRRIGATION WATER, HIGH TIDES, TRAPPED WATER OR UNDERGROUND FLOWS FROM UPLAND AREAS.
- THE SUBSURFACE PIPE LEVEL AND DIAMETER SHOULD BE DETERMINED ACCORDING TO IT'S FUNCTION AS LESSENING / MAINTAINING THE GROUNDWATER LEVEL OR / AND EXCESSIVE IRRIGATION WATER DRAINAGE.

REFERENCE DRAWINGS AND DOCUMENTS

No.	REVISIONS	APP'D	DATE
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CLIENT

TITLE
STANDARD DRAWINGS
MAIN ROADS

DRAWING TITLE
SURFACE DRAINAGE TYPICAL
DETAILS OF SUB SURFACE DRAINAGE

DRAWN	-	SCALE	N.T.S
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	N-248