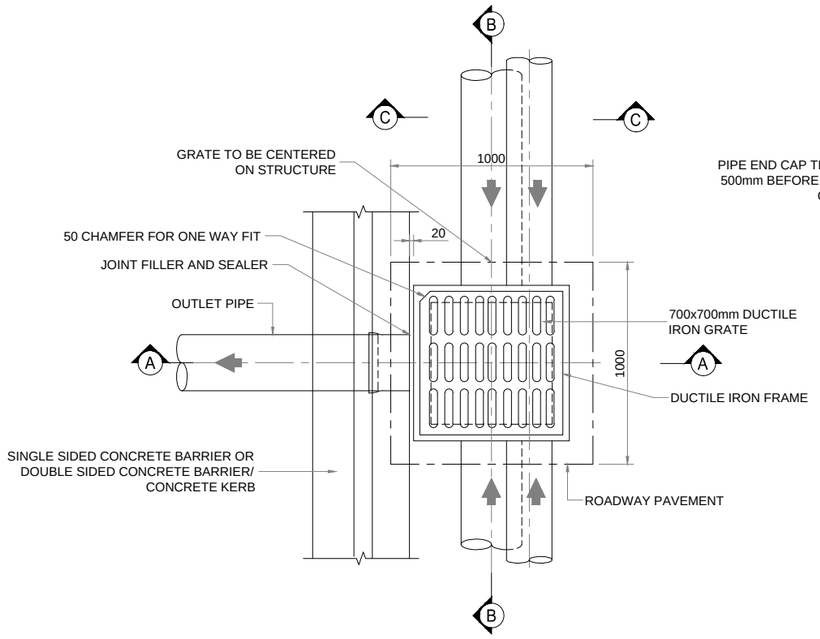
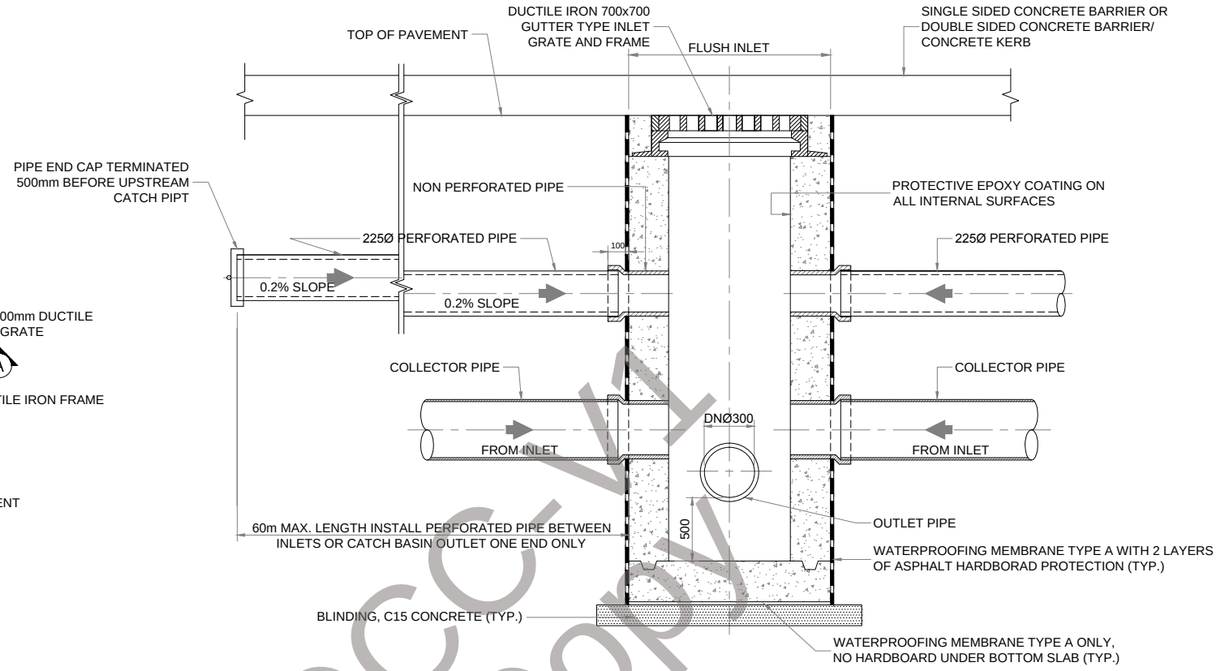


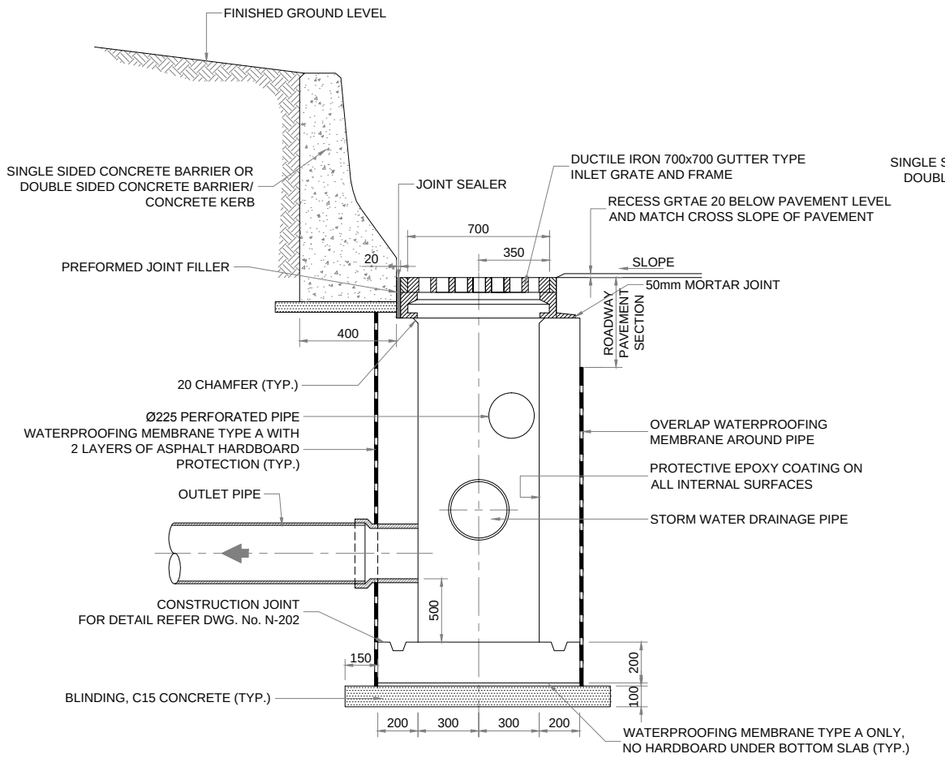
PLAN

TYPICAL LAYOUT FOR SUB SURFACE DRAINAGE
INSTALLATION AGAINST CONCRETE BARRIERS



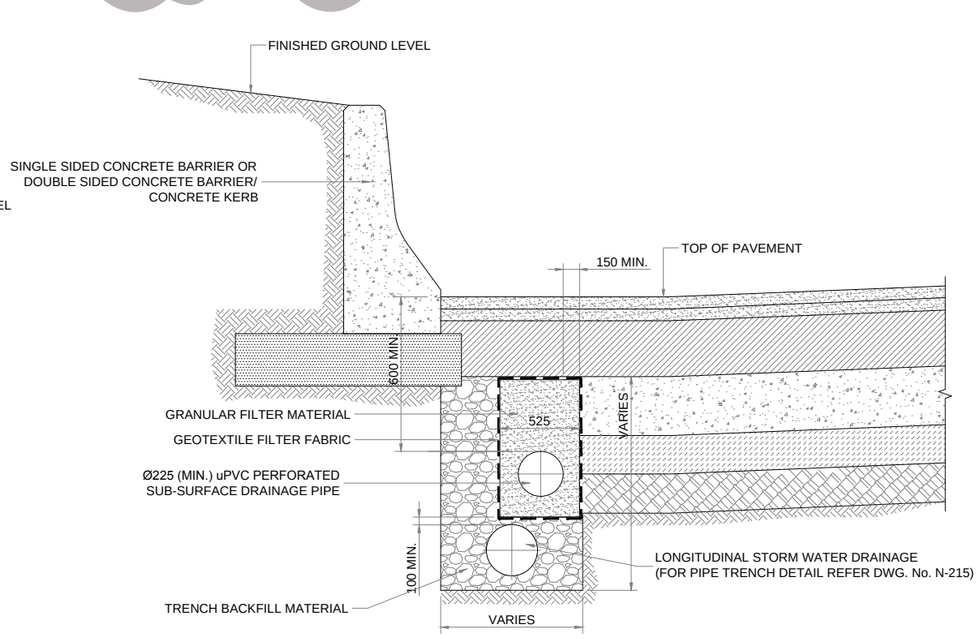
SECTION B-B

TYPICAL ELEVATION
PAVEMENT SUB SURFACE DRAINAGE INSTALATION



SECTION A-A

TYPICAL SECTION FOR SUB SURFACE DRAINAGE
INSTALLATION AGAINST CONCRETE BARRIERS



SECTION C-C

TYPICAL SECTION FOR SUB SURFACE DRAINAGE AGAINST
CONCRETE BARRIERS COMBINATION WITH STORM WATER DRAIN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED OTHERWISE.
2. IF THERE IS DISCREPANCY BETWEEN THE REQUIREMENTS IN THE SPECIFICATIONS AND THOSE SHOWN ON THIS DRAWING, THE PROJECT SPECIFICATIONS SHALL BE FOLLOWED.
3. ALL MATERIALS, FABRICATION AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND VERIFIED BY THE ENGINEER.
4. IF THE SUBSURFACE DRAINAGE PIPE DOES NOT TERMINATE IN AN INLET AND IS ALLOWED TO RUN OUT TO A SURFACE OUTLET, THE LAST 4m SHOULD BE SOLID WALL DRAINAGE PIPE.
5. SUBSURFACE DRAINS ARE PROVIDED TO CONTROL THE GROUND WATER LEVEL CAUSED BY EXCESS PRECIPITATION OR IRRIGATION, HIGH TIDES, TRAPPED WATER OR UNDERGROUND FLOWS FROM UPLAND AREAS.
6. THE SUBSURFACE PIPE LEVEL AND DIAMETER SHOULD BE DETERMINED ACCORDING TO IT'S FUNCTION OF LESSENING / MAINTAINING THE GROUNDWATER LEVEL OR / AND EXCESSIVE IRRIGATION WATER DRAINAGE.

REFERENCE DRAWINGS AND DOCUMENTS

No.	REVISIONS	APP'D	DATE

CLIENT

TITLE

STANDARD DRAWINGS
MAIN ROADS

DRAWING TITLE

SURFACE DRAINAGE TYPICAL DETAILS OF SUB SURFACE DRAINAGE AGAINST CONCRETE BARRIERS

DRAWN	-	SCALE	N.T.S
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	N-231