



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.
- ALL ANCHOR BOLTS SHALL BE AS PER S.S. 316.
- INTERNAL AND EXTERNAL SURFACES ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS.
- PENSTOCK TO BE MOTORIZED WITH NON RISING SPINDLE.
- SPINDLE TO BE SIZED TO AVOID ANY BUCKLING AT THE LINE OF PENSTOCK CLOSING AND THE CONTRACTOR TO VERIFY THE SUPPORTS AS PER MANUFACTURER'S REQUIREMENTS.
- WATER-PROOFING MEMBRANE TYPE 'A' WITH 2 LAYERS OF ASPHALTIC HARD BOARD PROTECTION SHALL BE APPLIED TO THE EXTERIOR SURFACE OF ALL STORM WATER DRAINAGE STRUCTURES PRIOR TO BACKFILLING.
- WATER-PROOFING MEMBRANE UNDER THE BOTTOM SLAB SHALL BE AS SPECIFIED.
- ALL DIMENSIONS ARE GIVEN FOR GUIDANCE ONLY, UNITS, DIMENSIONS AND ARRANGEMENT SHALL BE MODIFIED ACCORDING TO SITE CONDITIONS, THE DESIGN FLOW CALCULATIONS SHALL BE APPROVED BY THE ENGINEER.
- THE CAPACITY OF THE PUMP STATION SHOWN IS 0.35 CUM/SEC AND PUMP HEAD IS 17.0 METER. PUMP NUMBERS AND CONFIGURATION MAY VARY ACCORDING TO DESIGN FLOWS.
- ALL DIMENSIONS PROVIDED IN THE DRAWING ARE INDICATIVE ONLY AND ACTUAL DIMENSIONS SHALL BE DEFINED BY THE CONSULTANT FOR THE SPECIFIC PROJECT.

REFERENCE DRAWINGS AND DOCUMENTS

No.	REVISIONS	APP'D	DATE
-----	-----------	-------	------

CLIENT

TITLE
STANDARD DRAWINGS
MAIN ROADS

DRAWING TITLE

SURFACE DRAINAGE DETAILS OF
DRAINAGE PUMP STATION, BYPASS
CHAMBER PLANS & SECTIONS

DRAWN	-	SCALE	N.T.S
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	N-238