



- NOTES:
- THESE DETAILS REPRESENT A MINIMUM REQUIREMENT AND MAY BE VARIED, SUBJECT TO APPROVAL, TO SUIT PROJECT REQUIREMENTS. THEY ARE EXPECTED TO BE INCORPORATED AS TYPICAL DETAILS WHICH SHALL BE CHECKED AND APPROVED AS PART OF THE PROJECT DRAWING SET.
- TARIFF METERING SHALL BE LOCATED OUTSIDE OF THE PUMPING STATION BOUNDARY WALL, NEXT TO THE ENTRANCE, IN A SUITABLY PROTECTIVE HOUSING (AS PER RSB CUSTOMER METERING REGULATIONS).
  - CONTRACTOR SHALL PREPARE DETAILED CALCULATIONS AND THE OTHER SUPPORTING DOCUMENTS, REQUIRED FOR EQUIPMENT AND CABLE SIZING.
  - POWER FACTOR CORRECTION CAPACITORS SHALL IMPROVE THE OVERALL FACTOR TO 0.9 LAGGING.
  - MOTOR STARTERS SHALL BE AS PER THE SPECIFICATIONS.
  - THE RTU/PLC SHALL BE MAINTAINED IN OPERATION DURING MAINS FAILURE, DRAWING POWER FROM THE BATTERY.
  - MAIN INCOMER CIRCUIT BREAKER TO BE PROVIDED WITH EARTH LEAKAGE PROTECTION.THE SETTING TO BE CONFIRMED BY ADDC.
  - ELCB TO BE PROVIDED FOR PUMPS UPTO 125A. FOR PUMPS ABOVE 125A,CBCT WITH RELAY TO BE PROVIDED.

REFERENCE DRAWINGS AND DOCUMENTS			
No.	REVISIONS	APP'D	DATE
CLIENT			
TITLE			
STANDARD DRAWINGS STORM WATER WORKS			
DRAWING TITLE			
STANDARD DRAWING LIFTING STATION ( WET WELL ) SINGLE LINE DIAGRAM			
DRAWN	-	SCALE	NTS
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	1202

TITLE	PUMP No.1	PUMP No.2	SUMP PUMP	LIFTING DAVIT	OUTGOING FEEDER	OUTGOING FEEDER 2	LIGHTING & SMALL POWER DISTRIBUTION BOARD	EXTERNAL LIGHING DB ( PROVISIONAL )	COMMON CONTROL SECTION	RTU / PLC SECTION	PANEL SOCKET SECTION	POWER FACTOR CORRECTION CAPACITORS	SPARE
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