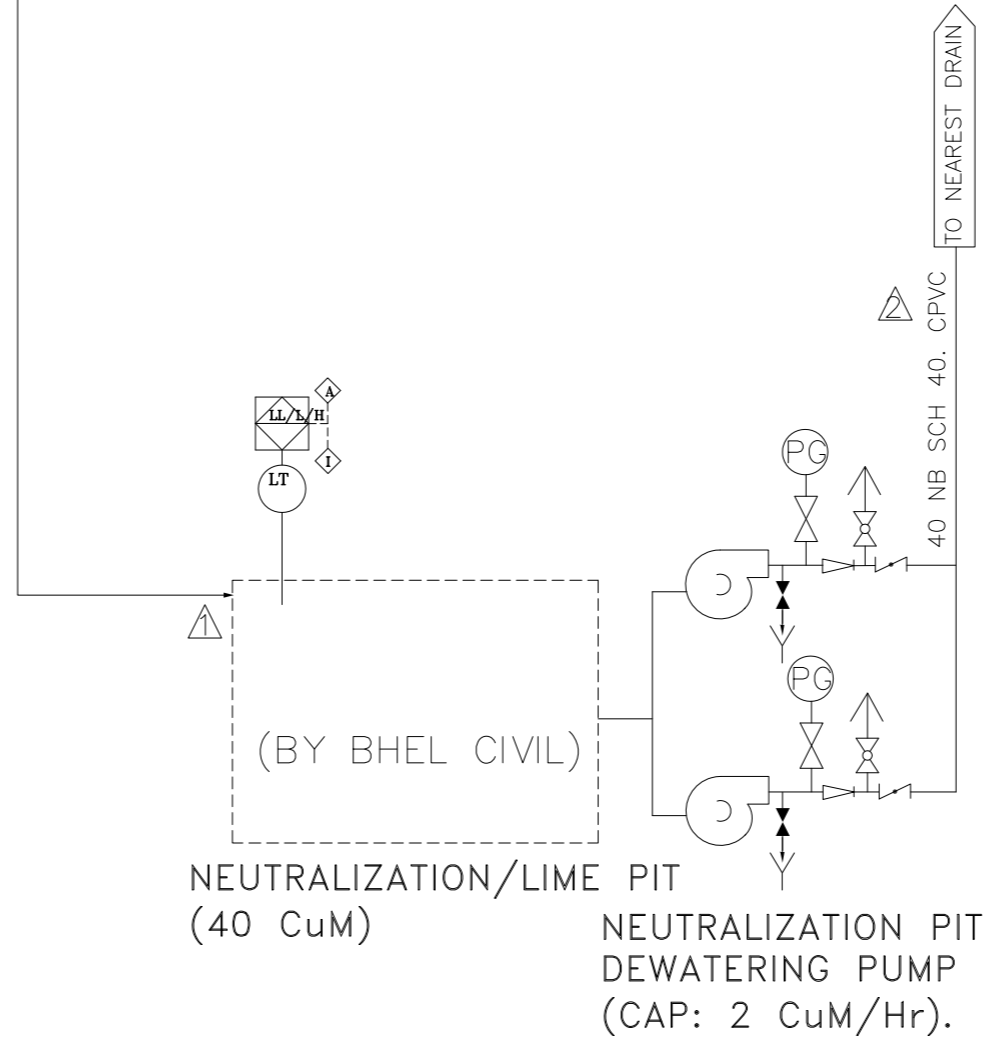


- NOTES: -
1. PULSATION DAMPENER SHALL BE PROVIDED AT THE DISCHARGE OF EACH DOSING PUMP. MOC OF PULSATION DAMPENER SHALL BE SAME AS PIPELINE LINE MOC TO WHICH IT IS FITTED.
 2. ALL INDIVIDUAL DRAINS OF SCALE/CORROSION INHIBITOR & BIOCIDES DOSING SKIDS SHALL BE CONNECTED TO DRAIN HEADER. THE DRAIN HEADER SHALL BE ROUTED TO PLANT WATER DRAIN.
 3. ALL INDIVIDUAL DRAINS OF SULPHURIC ACID STORAGE/DOSING SYSTEM SHALL BE ROUTED TO N-PIT.
 4. N-PIT SHALL BE SIZED TO HANDLE LEAKAGE OF ONE BULK ACID STORAGE TANK AND THE VOLUME OF LIME REQUIRED TO NEUTRALIZE IT.
 5. THIS P&ID IS MEANT FOR DESIGN PHILOSOPHY ONLY. DETAIL P&ID (VENDOR SPECIFIC) SHALL BE SUBMITTED DURING DETAIL ENGINEERING.
 6. WRAPPING/COATING/PROTECTION OF ALL BURIED CS PIPE SHALL BE AS PER IS 10221 OR AWWA C 203.

LEGEND	
	METERING PUMP WITH MOTOR
	HORIZONTAL CENTRIFUGAL PUMP WITH MOTOR
	GATE VALVE
	BALL VALVE
	CHECK VALVE
	DIAPHRAGM VALVE
	PRESSURE RELIEF VALVE
	VENT TO ATMOSPHERE
	FUNNEL
	PRESSURE INDICATOR
	LEVEL GAUGE
	LEVEL TRANSMITTER
	Y-TYPE STRAINER
	CHEMICAL SEAL DIAPHRAGM
	FLANGE WITH MATCHING COUNTER FLANGE
	PH ANALYZER CUM TRANSMITTER



CUSTOMER		TELANGANA STATE POWER GENERATION CORPORATION LIMITED					
CUSTOMER'S CONSULTANT		DCPL					
JOB No.		410					
STATUS		CONTRACT					
DISTRIBUTION		BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NEW DELHI					
TO							
No.OFF							
REV	DATE	ALTD	CHD	APPD			
TITLE		P&ID FOR CW TREATMENT SYSTEM					
MPL	C	MSE	I	MAX	E	DEPT.	SCALE NTS
SIGN							DRAWING No. PE-DG-410-156-A001
DATE							
						SHEET	OF
						REV	2

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