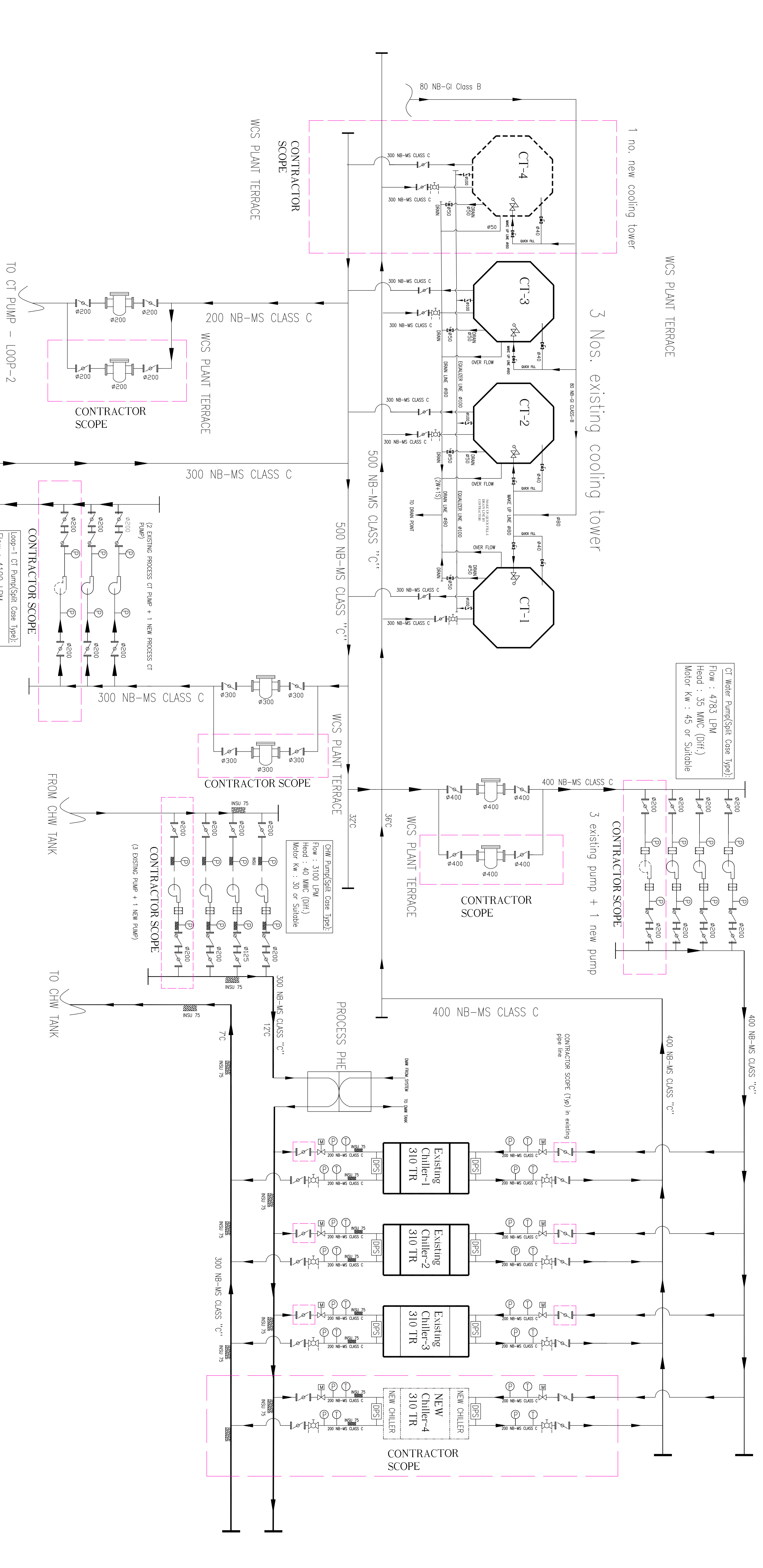


P&ID FOR SST1 WCS PLANT CAPACITY ENHANCEMENT

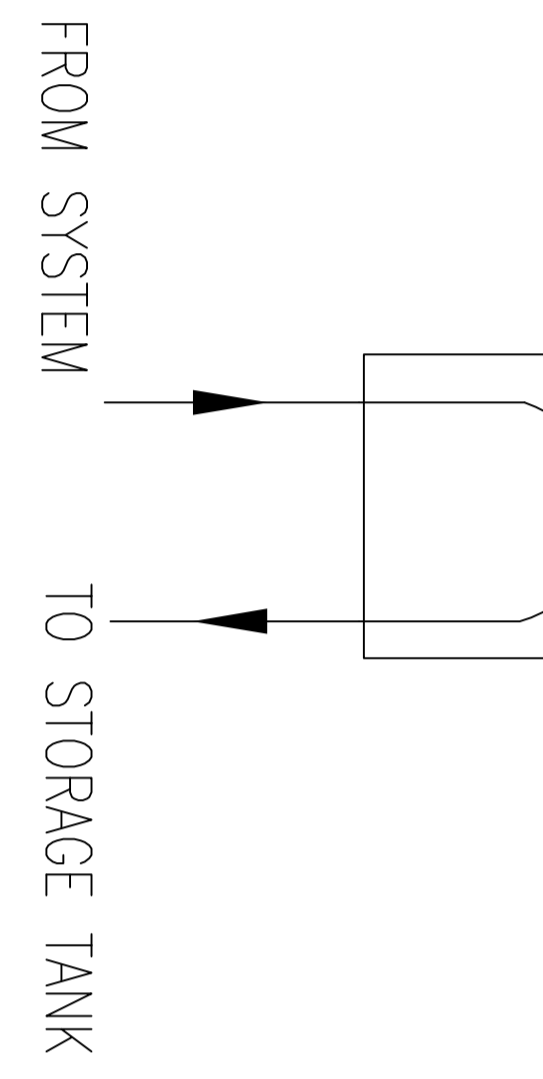


LEGEND FOR VALVE / INSTRUMENTATION

	BALANCING VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
	GLOBE VALVE
	BALL VALVE
	POT STRAINER
	MAGNETIC FLOW METER
	ELECTRONICALLY OPERATED MOTORIZED BUTTERFLY VALVE
	Y - STRAINER
	FLEXIBLE BELLOW

TG : DIAL TYPE TEMPERATURE GAUGE
 PG : PRESSURE GAUGE
 PT : PRESSURE TRANSMITTER
 TT : TEMPERATURE TRANSMITTER
 CO : CONDUCTIVITY METER
 OX : OXYGEN METER
 PH : PH METER
 FM : FLOW METER
 TI : TEMPERATURE INDICATION
 PI : PRESSURE INDICATION
 COI : CONDUCTIVITY INDICATION
 FI : FLOW INDICATION
 F : WATER FLOW

PROCESS PLATE HEAT EXCHANGER FOR LOOP-1



Loop-1 CT Pump/Spilt Case Type:
 Flow : 4100 LPM
 Head : 35 MMC (DHF)
 Motor Kw : 37 or Suitable

CHW Pump/Spilt Case Type:
 Flow : 3100 LPM
 Head : 40 MMC (DHF)
 Motor Kw : 30 or Suitable

CT Water Pump/Spilt Case Type:
 Flow : 4783 LPM
 Head : 35 MMC (DHF)
 Motor Kw : 45 or Suitable

INSTITUTE FOR PLASMA RESEARCH		BHAT, GANDHINAGAR-382 428.	
SCALE	N.T.S.	DATE	
DRAWN	Y.K.T.		
CHECKED		REF DRG NO:	
APPROVED		DRG.NO	
TITLE: P&I DIAGRAM FOR CAPACITY ENHANCEMENT OF WCS PLANT		REV	
		SHEET	01 OF 01