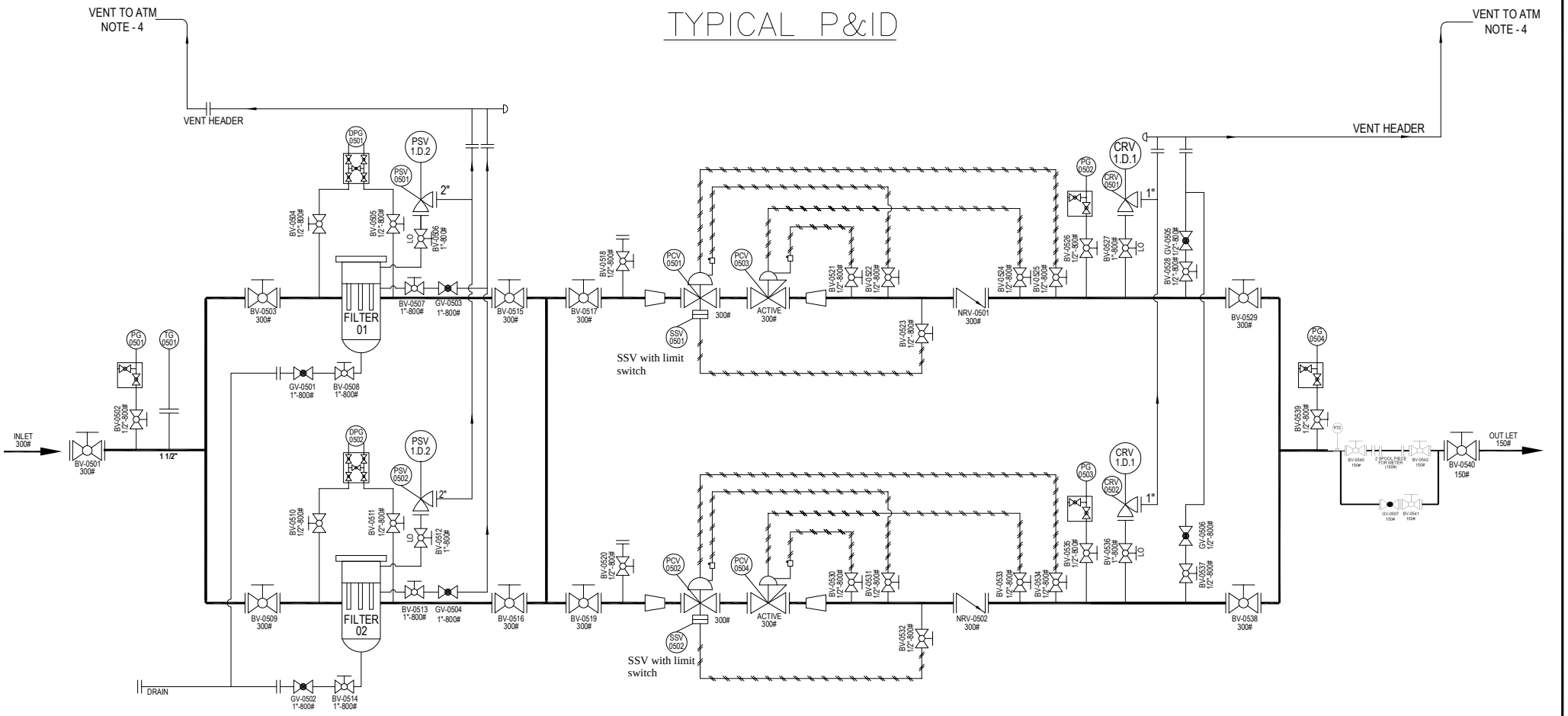
TYPICAL P&ID



NOTE:-

1. MATERIAL OF CONSTRUCTION AS PER GGL PMS.
2. ALL G.I. PIPE & PIPE FITTNGS & FASTENERS WITH WASHER SHALL BE HOT DIP GALVANIZED.
3. CANOPY DETAILS: CANOPY TO BE FABRICATED FROM FRP SHEET.
4. ALL VENT LINE SHALL BE ELEVATED AT 3 METER FROM THE HIGHEST OPERATING PLATFORM.
5. FILTER IS VERTICAL TYPE WITH DAVIT ARM.
6. COPPER JUMPER PLATE TO BE PROVIDED AT EACH FLANGE CONNECTION.
7. OUTLET PIPE LINE SIZE TO BE DESIGNED ON 4 barg.
8. SENSING LINE OF REGULATORS & SSV SHALL BE ON OUTER SIDE IN BOTH STREAM.
9. SIZING SHALL BE DONE BY THE VENDER & SHALL BE SUBMITTED TO GGL FOR APPROVAL.

DESIGN PARAMETERS

FLUID SERVIECE	:	NATURAL GAS
FLOW	:	500/1000/2000/5000/10000SCMH
INLET PRESS. (TYPE-1 DRS)	:	10 TO 40 barg
INLET PRESS. (TYPE-2 DRS)	:	5 TO 40 barg
OUTLET PRESS.	:	4 barg
SET RANGE	:	1.5 TO 6 barg
INLET/OUTLET SIZE	:	–
PRESSURE RATING (INLET/OUTLET)	:	300# / 150#
WORKING TEMP.	:	0 TO 50°C
DESIGN PRESSURE	:	49 barg
DESIGN TEMPERATURE	:	-10 TO 65°C
RADIOGRAPHY	:	100%
TEST PRESSURE	:	73.5 barg

NO.	DATE	REVISION	REV.BY.	SIGN.
02	30.06.26	Meter bypass spool added		
01	05.12.20	LTCS MATERIAL REMOVED		VG

	PREPARED BY	CHECKED BY	APPROVED BY
SIGN.			
NAME		SG/MP	
DATE			
FOR	GGL	GGL	GGL

GUJARAT GAS LIMITED
GUJARAT GAS
TECHNICAL SERVICES

PROJECT NAME: DRS/CPRS-500/1000/2000/5000/10000 SCMH

STATUS: ISSUED FOR TENDER

TITLE: TYPICAL P&ID OF DRS/CPRS

SCALE	SHEET	DRAWING NO.	REV.
NTS	1 OF 1	GGL-TS/TYPICAL_P&ID/DRS CPRS	3

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