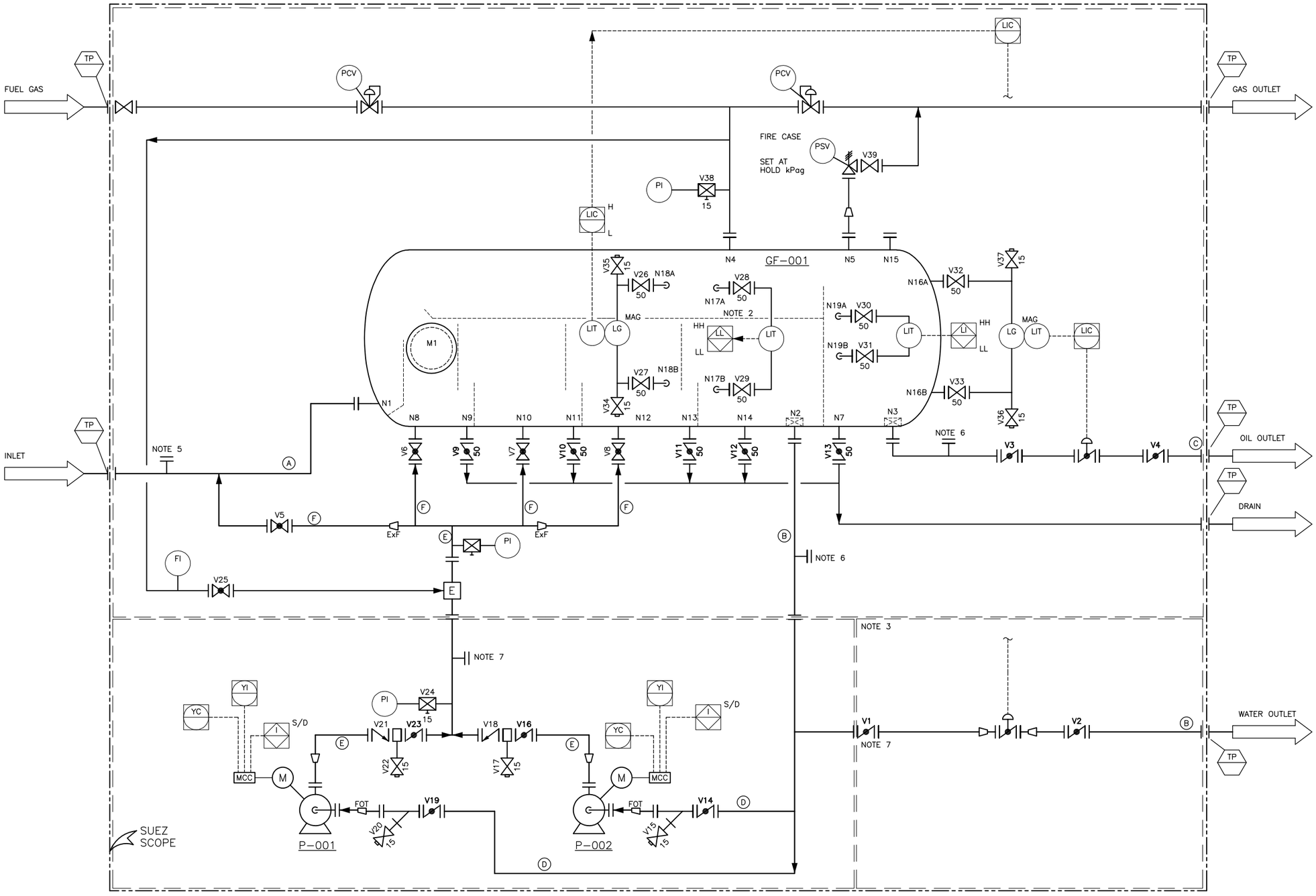
	GF–001	P–001/002
DESIGN PRESSURE:	FV / 10 barg	FV / 14 barg
DESIGN TEMPERATURE:	–29°C (–20°F)/ 100°C (202°F)	–29°C (–20°F)/ 100°C (202°F)
MATERIAL OF CONSTRUCTION:	CARBON STEEL+GFL	CS BODY / SS316/L IMPELLER

Unit Capacity		Valve / Line Sizes						IGF Vessel Sizing	
bwpd	m3/hr	A	B	C	D	E	F	Diameter	Length
5,000	33	80	80	50	50	50	50	1,067 mm ID	4,900 mm
		3"	3"	2"	2"	2"	2"	42"	193"
10,000	66	100	100	50	80	50	50	1,372 mm ID	4,900 mm
		4"	4"	2"	3"	2"	2"	54"	193"
25,000	166	150	150	50	100	80	50	1,650mm ID	7,800mm
		6"	6"	2"	4"	3"	2"	65"	307"
50,000	331	200	200	80	150	100	50	1,829 mm ID	11000 mm
		8"	8"	3"	6"	4"	2"	72"	433"



NOTES

1. ANSI CLASS 150# SYSTEM DESIGN.
2. OIL SKIMMING TROUGH.
3. PROVIDED ON A SEPARATE SKID BASE FOR LARGER OPTIONS.
4. OPTION TO REMOVE/CHANGE SCOPE AVAILABLE.
5. CHEMICAL INJECTION POINT.
6. SAMPLE POINT CONNECTION.
7. IN THE EVENT FULL FLOW BOOSTER PUMPS ARE SELECTED, FULL FLOW BOOSTER PUMPS SHALL BE INSTALLED IN LIEU OF IGF PUMPS. LINE SHALL BE ONE SIZE LARGER AND WATER OUTLET CONNECTION SHALL BE DOWNSTREAM OF PUMPS.
8. THIS P&ID IS TYPICAL, IT REPRESENTS STANDARD BASELINE OPERATING CONDITIONS. PROJECT SPECIFIC OPERATING CONDITIONS AND OTHER DETAILS SHALL BE NOMINATED AS PART OF SUEZ'S FINAL PROPOSAL.

LEGEND

No.	DATE	REVISION DETAILS	BY	CHK	APPD
A	16-NOV-21	ISSUED FOR PROPOSAL/DESIGN REVIEW	MG		

REVISION

CHK | APPD

DIGITAL SIGNATURES

DWG No. | TITLE

REFERENCE DWG'S

CLIENT

ORDER No.

CLIENT DWG No.

SUEZ Water Technologies & Solutions
MELBOURNE

PROJECT REFERENCE
-

DWG TITLE
INDUCED GAS FLOATATION UNIT
-
PIPING & INSTRUMENTATION DIAGRAM

SIZE: A3 | DO NOT SCALE DWG

DWG No. IGF-CS-000-PID-001 | REV. A