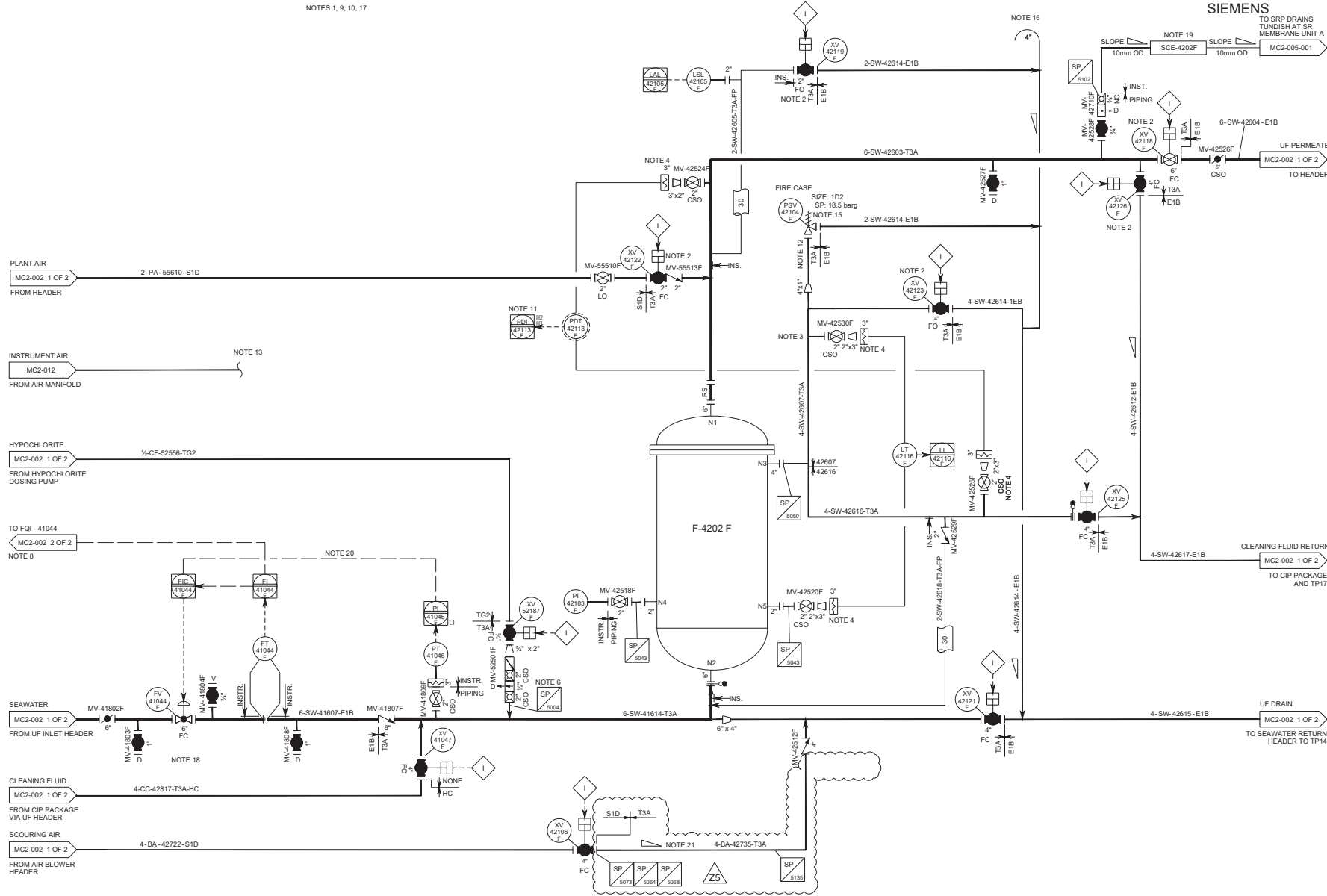


TAG NO	F-4202F
DESCRIPTION	ULTRA FILTRATION MEMBRANE UNIT VESSEL 1x20% (1 OF 7)
MEDIUM	SEA WATER
CAPACITY (EACH)	m ³ /h
FILTER PERFORMANCE	μ
OPERATING TEMPERATURE	°C
OPERATING PRESSURE	bar
DESIGN TEMPERATURE	°C
DESIGN PRESSURE	bar
DIMENSION IDxTT	(mmmm)
WEIGHT DRY/OPERATING/FLOODED	ton
MATERIAL VESSEL	GRE

NOTES 1, 9, 10, 17



NOTES

1. PIPING TO BE INSTALLED WITH HIGH POINT VENT AND LOW POINT DRAIN. PIPING TO HAVE NO STAGNANT REGIONS OR DEAD LEGS.
2. AIR TIGHT VALVES
3. LEVEL OF UPPER NOZZLE OF LT-42116A SHALL BE SLIGHTLY ABOVE TOP OF VESSEL UPPER PLATE.
4. CAPILLARY INSTRUMENT REMOTE SEAL. DIAPHRAGM SEAL TO BE SUPPLIED WITH FLUSHING RING.
5. DELETED.
6. INJECTION POINT INCLUDES QUILL.
7. DELETED.
8. INDIVIDUAL SIGNAL IS SENT TO UCP FOR CALCULATION AND TOTALISED FLOW FQI-41044 FROM ALL UF FILTERS TO ICSS (HARDWIRED).
9. REFER TO PAID LEGEND 168397-100-PR-Pi-0001-01 TO 0012-01.
10. ALL MANUAL VALVES CAN BE LOCKED WITH PAD LOCK OR CAR SEAL.
11. THE PRESSURE DROP SHOWN IS CORRECTED ACCORDING TO TEMPERATURE AND FLOW (NORMALIZED TMP). ON HIGH GP (H2) UF FILTER IS SET TO NOT AVAILABLE AND OPERATOR TO INITIATE CIP SEQUENCE.
12. PSV INSTALLED ON PIPING TO SECURE LITTLE OR NO AIR ENTRAPMENT.
13. REFER TO PAID 168397-200-PO-3363-MC2-012 FOR DETAILS.
14. DELETED.
15. NO BACK PRESSURE DOWNSTREAM PSV AS GOOSENECK IS OPEN TO ATM.
16. PRESSURE AT TP14 DURING DRAINING IS 0.7 BARG. WATER IS VENTED THROUGH GOOSENECK DURING DRAINING.
17. ALL ON/OFF VALVES ARE PROVIDED WITH LIMIT SWITCHES.
18. CONTROL VALVE SUPPLIED WITH MECHANICAL MAXIMUM STOP.
19. REFER TO PAID NO. 168397-100-PR-Pi-0012-02 FOR SAMPLE CONNECTION DETAILS.
20. THE FLOW CONTROL SWITCHES TO PRESSURE CONTROL, WHEN THE PRESSURE REACHES 7.2BAR WITH THE VESSEL IN NORMAL OPERATION.
21. MIN. SLOPE 1:100.

SIEMENS DRAW:			SIEMENS REV:			
51PO-03733 410-H-003			09			
09	09/07/2013	AS-BUILT	VM	DC	MM	CB
Z5	07/10/21	AS-BUILT FOR GMOC0096	11-K	TF	JL	TR
Z4	10/01/20	AS-BUILT FOR GMOC0416	NE	TF	JL	TR
Z3	30.03.2018	AS-BUILT FOR GMOC0108	LM	JL	JL	TR
Z2	25.10.2017	AS-BUILT FOR GMOC0096	LM	SB	SB	TR
Z1	26.10.2016	AD-HOC AS-BUILT	LM	AH	AH	RA
REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT

Nexen Petroleum (U.K.) Limited	
Golden Eagle Aro Development	
VENDOR : SIEMENS (AMEC FW)	
EQUIPMENT TITLE: PIPING & INSTRUMENT DIAGRAM (P&ID)	
ULTRAFILTRATION MEMBRANE UNIT	
EQUIPMENT TAG NO(S) : F-4202 F	
GEAD Vendor Document Number	
Purchase Order Number	Doc Type
168397-200-PO-3363 - MC2 - 003 - 06	Rev. DATE
07/10/21	
TOTAL SHEETS : 6 OF 7	
INCLUDES DOCUMENT CODES :	
F [Final (accepted)] - manufacturing may proceed.	
A [Qualified Release - revise and re-submit. Manufacturing may proceed subject to incorporation of comments.	
R [Rejected - revise and re-submit. Manufacturing may not proceed.	
I [Accepted for information only.	
Review of Vendor documents does not relieve Vendor of the responsibility for correctness under the Purchase Order. Permission to proceed does not constitute acceptance of design, detail and calculations, test methods or materials developed or selected by the Vendor and does not relieve the Vendor from full compliance with the Purchase Order or any other obligations, nor detract from any of the Purchaser's rights.	
Engineer :	Date: