

CLIENT



American Samoa
Power Authority

1st Road Airport
Pago Pago, AS 96799
Phone : (684) 699-1234

CONTRACTOR



GSR

14 rue Georgette MOURIN
98866 Nourma Cedex
Zone Industriel de NORMANDIE



EAU VANUATU WATER
ENGINEERING OFFICE

Goyant Building, Kumul Highway
P.O.Box 1276, Port Vila, Shefa
VANUATU

Project : REVERSE OSMOSIS MEMBRANE
TREATMENT PROCESS

Faga'alu, Eastern District, American Samoa

4 - Setting out drawing and connection

DATE : 30/09/2025

Amendment n° : 01

SCALE : 1/200

Page layout : A1

NOZZLE SCHEDULE FOR SEA WATER TANK I & II					
SR.NO.	NOZZLE NO.	DESCRIPTION	NOZZLE SIZES IN NB	QTY.	LOCATION
1	N1	INLET WITH DEFLECTOR	300NB	1	SHELL TOP
2	N2	OUTLET WITH ANTI-VORTEX	300NB	1	SHELL BOTTOM
3	N3	OVERFLOW	300NB	1	SHELL TOP
4	N4	SCOUR DRAIN	250NB	1	BOTTOM
5	V	GOOSE NECK	250MM	4	ROOF
6	L	LEVEL INDICATOR	FLOAT & BOARD TYPE	1	SIDE
7	MH	FRP ROOF MANHOLE	600X600MM	1	ROOF
8	SMH	SHELL MANHOLE	ø600MM	1	SHELL MIDDLE

LISTING OF FITTINGS - Drain		
ELECTROFUSION CONNECTOR 10" (DN250)	2	
ELECTROFUSION CONNECTOR 12" (DN300)	6	
ELECTROFUSION BEND 90° (D300)	8	
① VALVE DN250	2	
② VALVE DN300	2	

LISTING OF FITTINGS - Seawater		
Welded stainless steel pipe		
① BEND 1/8 DN300	10	
② BEND 1/16 DN300	4	
③ BEND 1/32 DN300	1	
④ VALVE DN300	4	
⑤ BEND 1/4 DN300	6	

NOZZLE SCHEDULE TREATED WATER TANK I & II					
SR.NO.	NOZZLE NO.	DESCRIPTION	NOZZLE SIZES IN NB	QTY.	LOCATION
1	N1	INLET WITH DEFLECTOR	250NB	1	SHELL TOP
2	N2	OUTLET (ANTI-VORTEX)	400NB	1	SHELL BOTTOM
3	N3	OVERFLOW	300NB	1	SHELL TOP
4	N4	SCOUR DRAIN	300NB	1	BOTTOM
5	V	GOOSE NECK	250MM	4	ROOF
6	L	LEVEL INDICATOR	FLOAT & BOARD TYPE	1	SIDE
7	MH	ROOF MANHOLE (FRP)	600X600MM	1	ROOF
8	SMH	SHELL MANHOLE	ø600MM	1	SHELL MIDDLE

LISTING OF FITTINGS - Treated Water		
① ELECTROFUSION CONNECTOR 10" (DN250)	2	
② ELECTROFUSION CONNECTOR 24" (DN400)	3	
③ VALVE DN250	2	
④ VALVE DN400	2	
⑤ TEE DN400/400	1	
⑥ BEND 1/132 DN400	1	
⑦ BEND 1/8 DN250	2	
⑧ BEND 1/4 DN250	6	



