



SWA-U43.2 / 2025

MOAMOA FOU CHAMBER

CONSTRUCTION



DETAIL CONNECTIONS

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- 001 PRESSURE REDUCING VALVE CHAMBER #1 PLAN
- 002 PRESSURE REDUCING VALVE CHAMBER #1 REINFORCEMENT DETAILS
- 003 PRESSURE REDUCING VALVE CHAMBER #2 PLAN
- 004 PRESSURE REDUCING VALVE CHAMBER #2 REINFORCEMENT DETAILS

FOR CONSTRUCTION

	BY	DATE	REV	DESCRIPTIONS	DATE	APPROV
DESIGNED :	--	--/--/----			--/--/----	--
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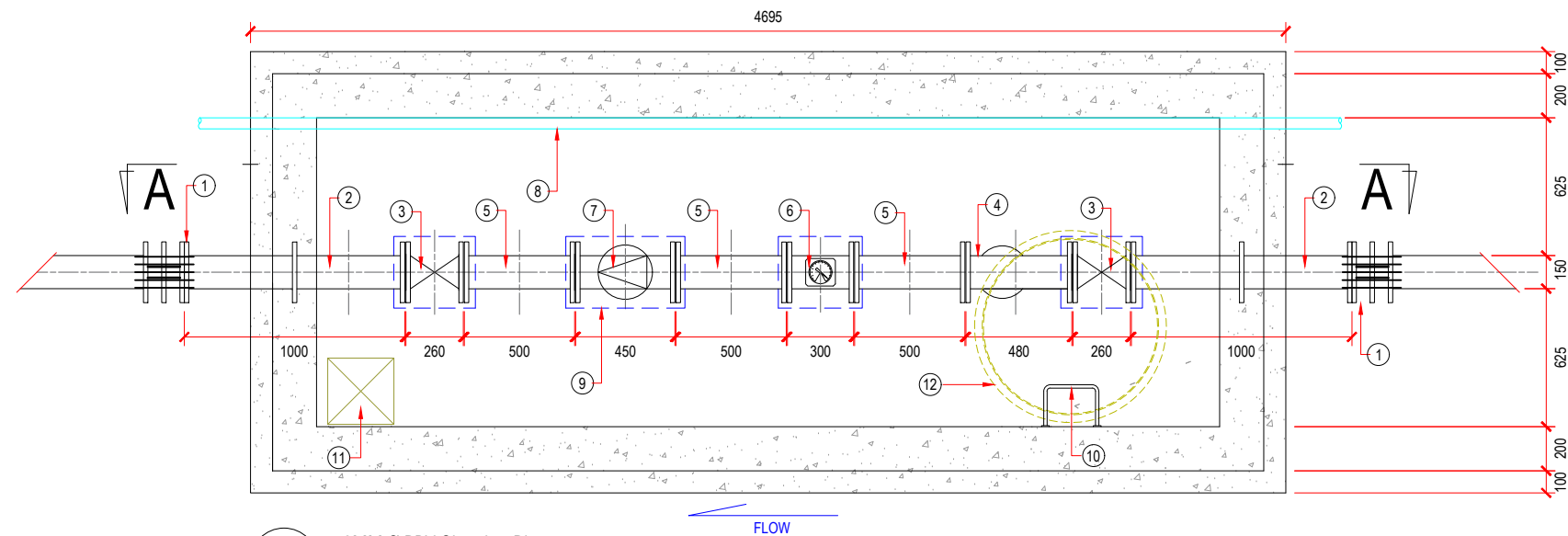
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MOAMOA FOU CHAMBER CONSTRUCTION

DRAWING TITLE :
INDEX SHEET

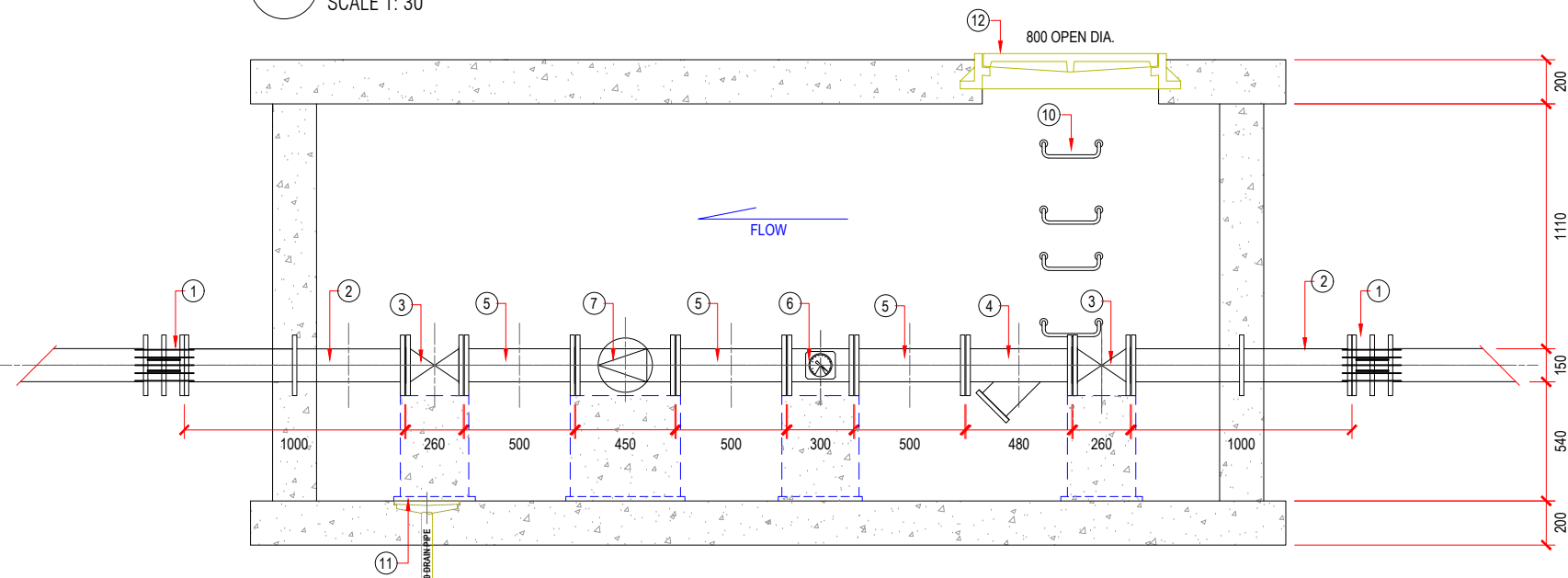
SAMOA WATER AUTHORITY
Level 2 TATTE Building
Apia, Sogi
Ph: +685 20409
Fax: +685 21298



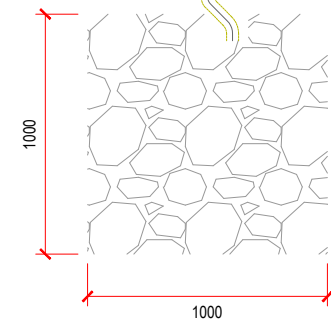
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A3	SWA - U43.2 / 2025	00
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1 150MM Ø PRV Chamber Plan
SCALE 1: 30



1 Section A - A
SCALE 1: 30



150MM Ø PRV 1 COMPONENT LIST

1	DN150 UNIVERSAL FLANGED ADAPTOR
2	DOUBLE FLANGED SPOOL 1000MM DI PN16 DN150 WITH PUDDLE FLANGE
3	DN150 SLUICE VALVE
4	DN150 Ø Y - STRAINER
5	500MM DI PIPE PN16 DN150
6	DN150 FLOW METER
7	DN150 Ø PRESSURE REDUCING VALVE
8	NEWLY INSTALLED DN63 HDPE PIPE
9	CONCRETE SUPPORT
10	RUNG LADDERS @ 300MM CTRS
11	300MM X 300MM DRAINAGE SUMP
12	GALVANISED, HINGED & LOCKABLE 800MM OPENING CARRIAGEWAY COVER

NOTE:

1. INSTALLATIONS OF FITTINGS IS NOT PART OF THE CONTRACT.

DESIGNED:	BY:	DATE:	REV:	DESCRIPTIONS:	DATE:	APPROVED:
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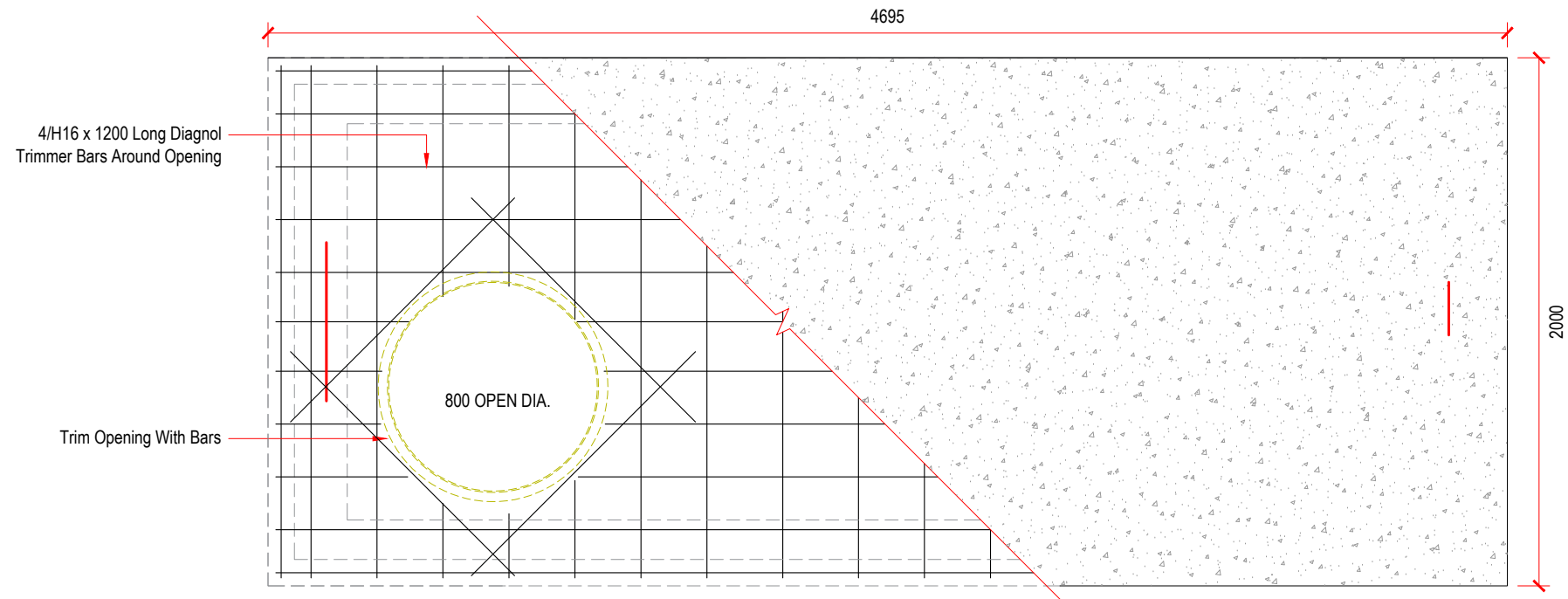
PROJECT TITLE:	MOAMOA FOU CHAMBER CONSTRUCTION
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DRAWING TITLE:	PRESSURE REDUCING VALVE CHAMBER #1 PLAN
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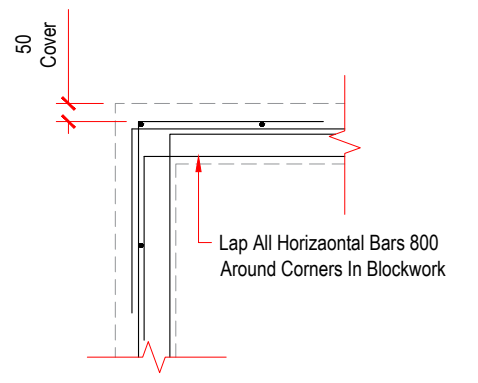
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Level 2 TATTE Building Apia, Sogi Ph: +685 20409 Fax: +685 21298	

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SCALE:	DRAWING NUMBER:	
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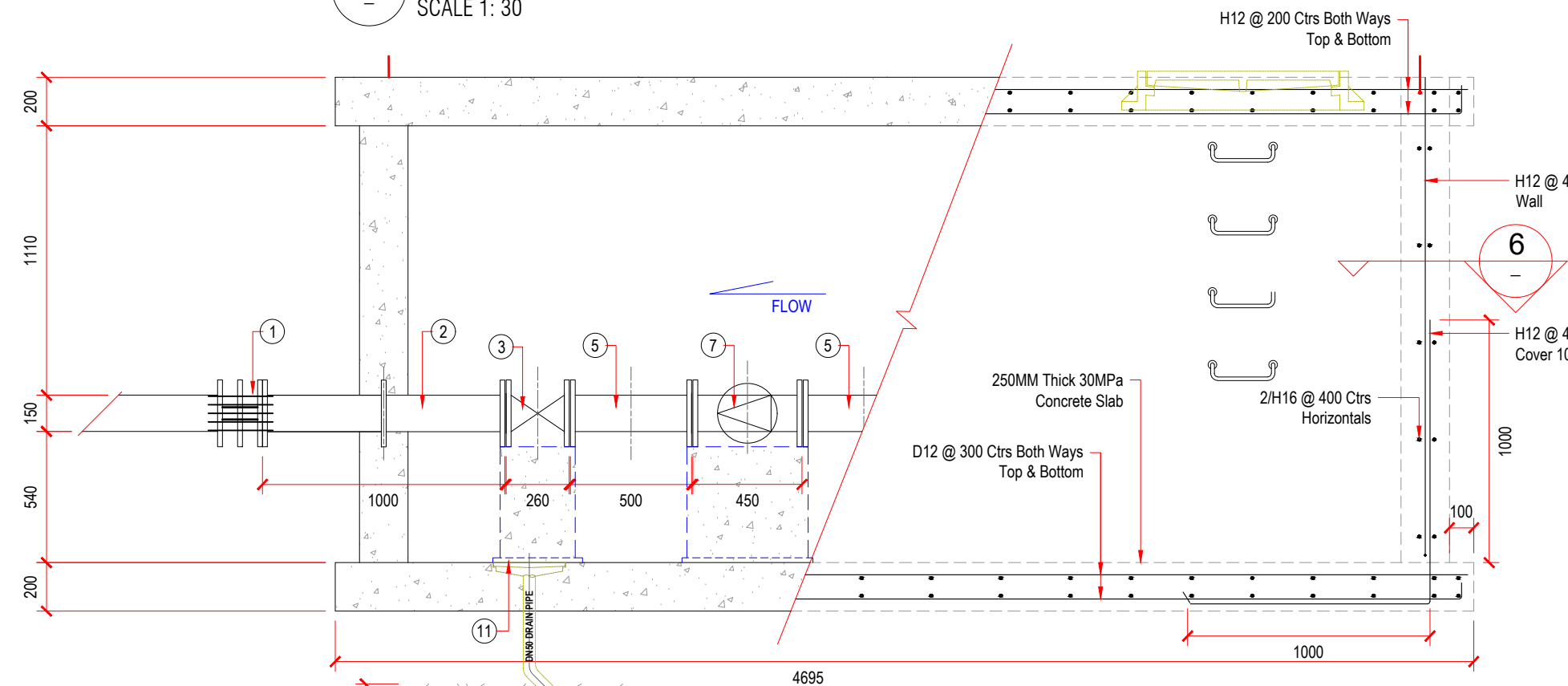
FOR CONSTRUCTION



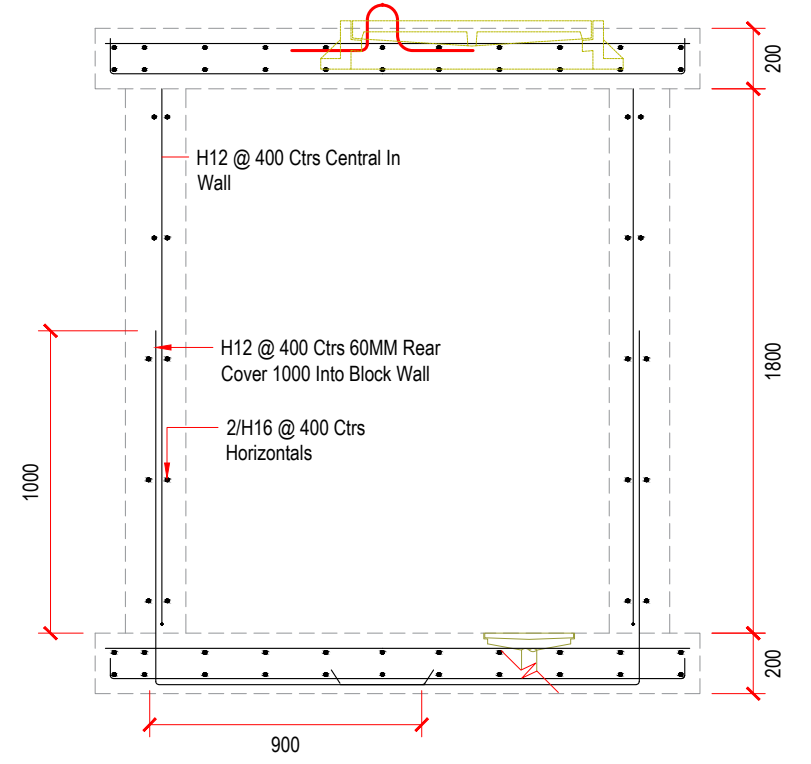
3 Precast Lid Panel Plan
SCALE 1: 30



6 Detail
SCALE 1: 30



4 Cross Section
SCALE 1: 30



5 Cross Section
SCALE 1: 30

FOR CONSTRUCTION

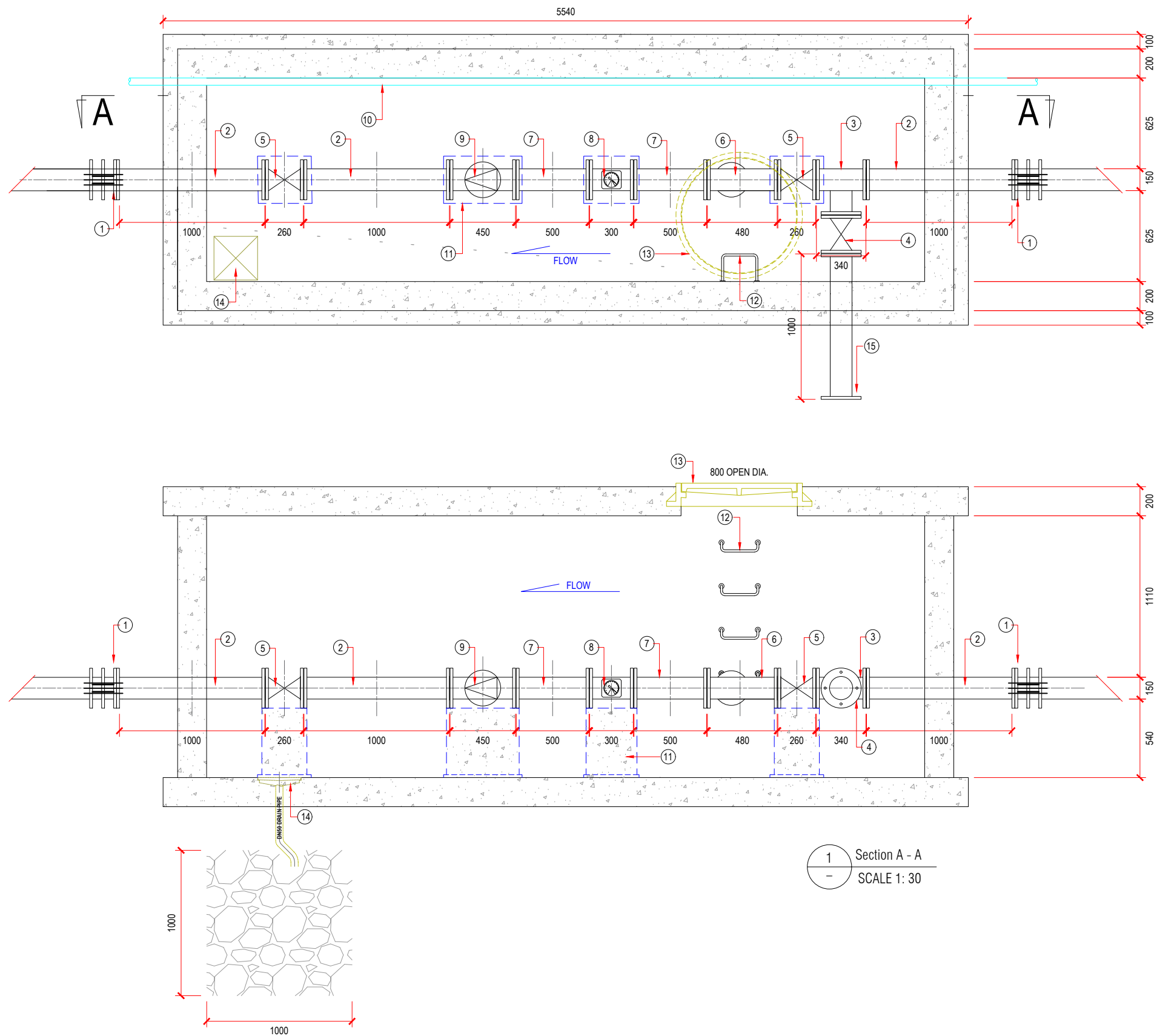
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PROJECT TITLE:
MOAMOA FOU CHAMBER CONSTRUCTION

DRAWING TITLE:
**PRESSURE REDUCING VALVE CHAMBER #1
REINFORCEMENT DETAILS**

SAMOA WATER AUTHORITY
Level 2 TATTE Building
Apia, Sogi
Ph: +685 20409
Fax: +685 21298

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A3	SWA - U43.2 / 2025	00
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150MM Ø PRV 2 COMPONENT LIST	
1	DN150 UNIVERSAL FLANGE ADAPTOR
2	DOUBLE FLANGED DI PIPE 1000MM PN16 DN150
3	DN150 X 80MM DI REDUCING TEE
4	DN80 SLUICE VALVE
5	DN150 SLUICE VALVE
6	DN150 Ø Y - STRAINER
7	DOUBLE FLANGED DI PIPE 500MM PN16 DN150
8	DN150 FLOW METER
9	DN150 Ø PRESSURE REDUCING VALVE
10	EXISTING DN63 HDPE PIPE
11	CONCRETE SUPPORT
12	RUNG LADDERS @ 300MM CTRS
13	GALVANISED, HINGED & LOCKABLE 800MM OPENING CARRIAGEWAY COVER
14	300MM X 300MM DRAINAGE SUMP
15	DOUBLE FLANGE DI PIPE 1000MM PN16 DN80

NOTE:

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DRAWN :	TPK					
DSGN CHECKED :	HLS					
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APPROVED :						

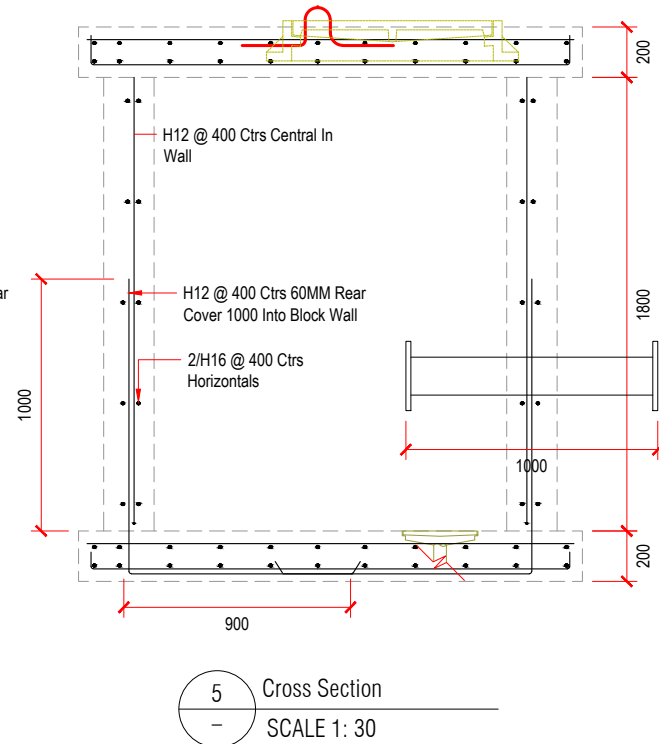
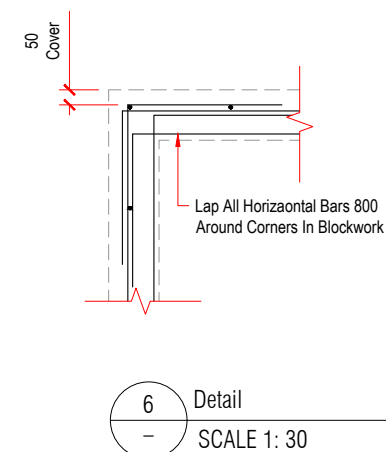
PROJECT TITLE :	MOAMOA FOU CHAMBER CONSTRUCTION
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DRAWING TITLE :	PRESSURE REDUCING VALVE CHAMBER #2 PLAN
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SAMOA WATER AUTHORITY	
Level 2 TATTE Building Apia, Sogi Ph: +685 20409 Fax: +685 21298	

SIZE	CONTRACT NUMBER :	REVISION
A3	SWA - U43.2 / 2025	00
SCALE :	DRAWING NUMBER :	
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FOR CONSTRUCTION



SIZE: A3	CONTRACT NUMBER: SWA - U43.2 / 2025	REVISION: 00
SCALE: AS SHOWN		DRAWING NUMBER: U43.2 - 004