

WATER,SEWERAGE,STORMWATER MAIN AND OTHER UTILITIES.

The following line symbols shall be used for all water supply, sewerage, all line work shall be in black.

		LINE THICKNESS
Existing Features		0.25
Existing Mains.		0.25
Existing Main to be abandoned.		0.25
Proposed Mains.		0.70
Future Mains.		0.50

UTILITIES.

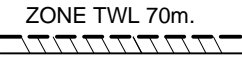
EXISTING.

	SEWER.
	SEWER RISING MAIN.
	STORMWATER.
	WATER.
	GAS.
	TELEPHONE.
	ELECTRICITY.
	FUTURE EXTENSION.

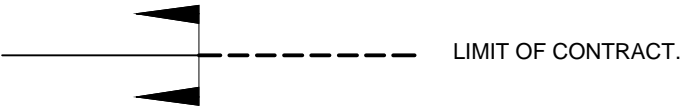
PROPOSED.

	S
	SRM
	SW
	W
	G
	T
	E
	F.EXN

LINE THICKNESS



BOUNDRY BETWEEN RETICULATION ZONE.  
NO PIPE CONNECTION ARE TO CROSS THIS EXCEPT  
AS DETAILED ON THE MASTER PLAN



GENERAL HYDRAULIC SYMBOLS WATER BULK SUPPLY AND RETICULATION SYSTEM.

	SLUICE VALVE.
	GATE VALVE
	VALVE - MOTOR OPERATED.
	VALVE - FLOAT OPERATED.
	VALVE SOLENOID CONTROLLED.
	VALVE NORMALLY CLOSED.
	FLOWRATE CONTROL VALVE, PRESSURE REDUCING VALVE , ALTITUDE VALVE OR PUMP CONTROL VALVE.
	REFLUX OR CHECK VALVE
	ANTI VACUUM VALVE, SINGLE AIR RELEASE VALVE DOUBLE AIR RELEASE VALVE OR AIR RELEASE COCK.
	PRESSURE RELIEF VALVE.
	FLANGE JOINT.
	BLANK FLANGE.
	END CAP.
	PRESSURE GAUGE.
	BUTTERFLY VALVE.
	FLOW METER / RECORDER.
	GIBAULT JOINT.
	ORIFICE PLATE.
	AIR VALVE.
	TAPER / REDUCER.
	FIRE HYDRANT
	PUMP, PUMP STATION.

eg. ACV's

-FRCV  
-PRV  
-ALTV  
-PCV

-AVV  
-SAV  
-DAV  
-AC

NOTE

REFER TO ENGINEERING STANDARDS.

	BORE HOLES
	WATER TREATMENT PLANT
	BREAK PRESSURE TANK
	INTAKE
	BALANCING TANK

	BY.	DATE	REV.	DESCRIPTIONS.	DATE	APPROV.
DESIGNED :	--	--/--/----			--/--/----	--
DRAWN :	--	--/--/----			--/--/----	--
DSGN CHECKED :	--	--/--/----			--/--/----	--
DWG CHECKED :	--	--/--/----			--/--/----	--
APPROVED :	--	--/--/----			--/--/----	--

DRAWING TITLE :	STANDARD SYMBOLS & NOTATION WATER SUPPLY
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PROJECT TITLE :	STANDARD DRAWING
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**SAMOA WATER AUTHORITY**

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SIZE	CONTRACT NUMBER :	REVISION
A3		0
SCALE :	DRAWING NUMBER :	
N.T.S	W - 000	