

VALVES

	GENERAL VALVE, OPEN
	GENERAL VALVE, CLOSED
	BALL VALVE
	BUTTERFLY VALVE
	GLOBE VALVE
	NEEDLE VALVE
	GATE VALVE
	KNIFE GATE
	DIAPHRAGM VALE
	PLUG VALVE
	CHECK VALVE
	BACKFLOW PREVENTER (RPZ)
	FLAP VALVE
	FOOT VALVE
	3-WAY VALVE
	4-WAY VALVE
	PENSTOCK OR SLIDE VALVE
	REDUCING VALVE
	SAFETY / RELIEF VALVE
	PRESSURE RELIEF VALVE
	PRESSURE & VACUUM RELIEF VALVE
	SELF CONTAINED PRESSURE REGULATING VALVE
	PRESSURE REGULATING VALVE
	PRESSURE SUSTAINING VALVE
	PRESSURE EXPLOSION RELIEF VALVE
	THERMOSTATIC VALVE
	PRESSURE RELIEF & FLAME TRAP ASSEMBLY
	AIR RELEASE VALVE

ACTUATOR, DRIVES & DEVICES

	AUTOMATIC, GENERAL
	DIAPHRAGM CONTROL ACTUATED
	WEIGHT OPERATED
	FLOAT OPERATED
	SPRING LOADED
	HAND WHEEL
	SOLENOID, GENERAL
	SOLENOID ACTUATOR
	MOTOR ACTUATOR
	PISTON ACTUATED SINGLE ACTING
	PISTON ACTUATED DOUBLE ACTING
	PNEUMATIC CYLINDER ACTUATOR (TYPICAL)
	PNEUMATIC CYLINDER ACTUATOR (SINGLE ACTUATING, SPRING RETURN) OPENS ON FAILURE OF ACTUATING ENERGY
	PNEUMATIC CYLINDER ACTUATOR (SINGLE ACTUATING, SPRING RETURN) CLOSES ON FAILURE OF ACTUATING ENERGY
	PNEUMATIC CYLINDER ACTUATOR (DOUBLE ACTUATING) OPENS ON FAILURE OF ACTUATING ENERGY
	PNEUMATIC CYLINDER ACTUATOR (DOUBLE ACTUATING) CLOSES ON FAILURE OF ACTUATING ENERGY
	PNEUMATIC CYLINDER ACTUATOR (DOUBLE ACTUATING) RETAINS POSITION ON FAILURE OF ACTUATING ENERGY
	PNEUMATIC CYLINDER ACTUATOR (SINGLE ACTUATING, SPRING RETURN) RETAINS POSITION ON FAILURE OF ACTUATING ENERGY
	MOTORISED VALVE
	MOTORISED VALVE OPENS ON FAILURE OF ACTUATING ENERGY
	MOTORISED VALVE CLOSES ON FAILURE OF ACTUATING ENERGY
	MOTORISED VALVE RETAINS POSITION ON FAILURE OF ACTUATING ENERGY
	THREE WAY SOLENOID VALVE WITH LATCHING MANUAL OVERRIDE ARROW INDICATES DE-ENERGISED PATH (N = NO OVERRIDE)
	DOUBLE ACTING CYLINDER WITH SOLENOID PILOT DEVICE

FITTINGS

	REDUCER CONCENTRIC
	REDUCER ECCENTRIC
	DIAPHRAGM SEAL
	SPECTACLE FLANGE
	OPEN VENT
	DRAIN / TUNDISH
	SYPHON DRAIN
	BLIND CAP
	CAP
	SCREW PLUG
	HOSE CONNECTION
	BLIND FLANGE
	FLANGE
	REMOVABLE SPOOL
	FLEXIBLE HOSE
	EXPANSION JOINT
	ORIFICE
	MULTI SPACE ORIFICE
	BURST /rupture DISK
	SLIP RING
	FLEXIBLE COUPLING
	HOSE COUPLING WITH VALVE

INSTRUMENTS & INLINE EQUIPMENT

	POSITIVE DISPLACEMENT FLOWMETER
	ULTRASONIC FLOWMETER
	TURBINE FLOWMETER
	MAGNETIC FLOWMETER
	MASS FLOWMETER
	VARIABLE AREA FLOW METER
	TARGET FLOWMETER
	PITOT TUBE
	VENTURI FLOW ELEMENT
	VORTEX FLOW SENSOR
	TURBINE FLOWMETER
	CALIBRATION CYLINDER
	PULSATION DAMPENER
	SATURATION VESSEL
	ACCUMULATOR
	MEMBRANE FILTER
	SIGHT GLASS
	AIR FILTER
	FILTER
	AUTOMATIC CONDENSATE DRAIN TRAP
	AUTOMATIC CONDENSATE DRAIN TRAP WITH FILTER
	CAS FILTER
	Y-STRAINER
	BUCKET STRAINER
	STEAM TRAP
	FLAME TRAP
	FLAME ARRESTER
	FIRE DAMPER
	HEATER

EQUIPMENT

	SAFETY SHOWER AND EYE WASH STATION
	HOSE REEL
	FIRE HYDRANT
	SPRAY NOZZLE
	AIR DIFFUSER
	HUMIDIFIER
	INJECTOR
	COMBUSTIBLE GAS DETECTOR
	OPTICAL FLAME DETECTOR
	NOZZLE, HALON/CO2
	FIRE/GAS SAFETY LIGHT
	FIRE/GAS SAFETY ALARM
	LOCAL CONTROL PANEL
	LOCKABLE
	VARIABLE SPEED DRIVE
	SILENCER
	PUMP, CENTRIFUGAL
	PUMP, SUBMERSIBLE
	PUMP, AXIAL
	PUMP, VACUUM
	PUMP, PROGRESSIVE CAVITY
	PUMP, POSITIVE DISPLACEMENT
	PUMP, METERING
	PUMP, DOUBLE METERING
	PUMP, ROTARY LOBE
	PUMP, GEAR
	PUMP, PERISTALTIC
	FAN, GENERAL
	M-MOTOR E-ENGINE

EQUIPMENT (CONT.)

	SUBMERGED SUCTION PUMP
	SCREW FEEDER
	IN LINE STATIC MIXER
	MUNCHER
	MACERATOR
	BELT CONVEYOR
	SCRAPER
	CYCLONE
	SCUM SCRAPER
	ROTARY STRAINER
	LAMELLA PLATES
	SCREENS
	SCREENINGS DEWATERING PRESS
	VIBRATOR
	SUBMERSIBLE MIXER
	SURFACE AERATOR MIXER
	FLOATING SURFACE AERATOR

EQUIPMENT (CONT.)

	FIXED SURFACE AERATOR
	MIXER
	CENTRIFUGE
	COMPRESSOR CENTRIFUGE
	RECIPROCATING COMPRESSOR
	AIR COMPRESSOR
	BLOWER OR FAN
	FAN HEATER
	HEAT EXCHANGER
	ROAD TANKER
	TIP TRUCK
	FORKLIFT
	TANKER
	DEWATERING SCREW
	WEIGHBELT FEEDER
	FLUFFER/SPREADER
	CHUTE MECHANICAL
	BIFUCATED CHUTE (AUTOMATICALLY OPERATED)
	CHUTE/SLIDE GATE (AUTOMATICALLY OPERATED)

EQUIPMENT (CONT.)

	WEIGH SCALE ELECTRONIC
	STOPBOARD/BULKHEAD GATE (NORMALLY OPEN)
	STOPBOARD/BULKHEAD GATE (NORMALLY CLOSED)
	POLYMER EDUCTOR
	WASTE GAS BURNER
	WATER HEATER
	THICKENER
	AERATION NOZZLES OR DOMES
	MANUALLY RAKED BAR SCREEN
	BACKWASH TROUGH
	TURNTABLE
	DECANTER
	FLUME
	TANK OR SEDIMENT TRAP
	PRESSURE VESSEL
	STORAGE TANK
	HOPPER OR SILO
	WEIR
	L.P.G. PILOT GAS BOTTLES

THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. YOU ARE RESPONSIBLE TO APPLY THE WORK SHOWN IN THIS DRAWING CORRECTLY IN THE CIRCUMSTANCES OF YOUR PROJECT. YOU MUST ENSURE THE WORK IS FIT FOR PURPOSE AND WILL PERFORM ITS INTENDED FUNCTION AS REQUIRED.