

## Quick Reference Guide: Sewer Service Diagrams

Licencees as the “responsible person” must submit a Sewer Service Diagram (SSD) layout to Fair Trading and the owner of the land or owner’s agent for all plumbing and drainage work on a sanitary drainage system. The SSD is required to be submitted at the completion of the drainage work either prior to or at the time of the inspection

The SSD must be given to the Fair Trading inspector if an inspection takes place. If an inspection does not take place, then the SSD must be sent to NSW Fair Trading within 7 business days of the drainage work being completed.

The preferred method of sending a SSD is via email to [piasadmin@services.nsw.gov.au](mailto:piasadmin@services.nsw.gov.au)  
Faxed copies are not acceptable due to poor quality

SSDs may be mailed to:

NSW Fair Trading  
Home Building Service  
PO Box 261  
Parramatta NSW 2124

### What information do I need to provide on the SSD?

All Sewer Service Diagrams (SSDs) need to be submitted meeting the following specifications:

- A4 and A3 SSD Templates are available via the Fair Trading website - [www.fairtrading.nsw.gov.au/Tradespeople/Plumbers\\_and\\_drainers.html](http://www.fairtrading.nsw.gov.au/Tradespeople/Plumbers_and_drainers.html)
- For all drawings larger than A3 only PDF & AutoCAD versions are accepted using the correct Fair Trading PDF SSD legend and sign off
- all drawn and required text information on the diagram must be complete and legible in a fine point black pen
- SSD must be drawn to a **scale**. Preferred scales are: 1:100; 1:200; 1:250;1:500
- north point must be shown on the diagram
- include only symbols and abbreviations as shown on the template legend
- all lettering and figures are to be drawn clear and legible
- diagrams are only to show sanitary drainage up to the point of connection within the property boundary, property boundaries and building outlines
- clearly show the sanitary drainage layout up to the point of connection within the property boundary indicating all internal points, external drainage, trade waste and any onsite treatment / diversion system up to the point of connection with the Network Utility Operators sewer including any existing sanitary drainage remaining in use on the property
- street name and number (for street frontage) and/or Lot number and DP (deposited plan) number.

- suburb and municipality
- If there is no connection to a Network Utility Operator's sewer please label as private sewer, community title, onsite septic tank or AWTS etc.

**Licensee details must be provided on SSD including:**

- licence number
- certificate of compliance number
- signature and date.

**Are diagrams only required for drainage or for sanitary plumbing work as well?**

- SSDs are to show all internal and external sanitary drainage whether below ground and/or aerial drainage up to the point of connection.
- You do not need to draw or include any sanitary plumbing.

*Where large existing diagrams are available the new drainage can be added and resubmitted in accepted electronic format i.e. PDF, AutoCAD*

The following symbols and abbreviations have been sourced from Australian Standards documents and are considered acceptable for use on Sewer Service Diagrams.

A complete table of acceptable symbols and abbreviations is available via the Fair Trading website or AS/NZS 3500 Part 2 Sanitary Plumbing and Drainage Table 6.1

	Boundary Trap	AAV	Air Admittance Valve	BS	Sink (bar)		Chr	Chamber
	Inspection Shaft	H	Basin	(L)	Trough Laundry		Pit	Pit
	Inspection Opening	Bth.	Bath Waste	WC	Water Closet		G	Grease Interceptor
	Gully	Bid	Bidet		Vertical Pipe			Pump Unit
	FW	CO	Clean Out		Waste Stack		OTS	Onsite Treatment System
	Vertical Junction	FW	Floor waste Gully		Sewer Vent Pipe		R	Reflux Valve
	Sloped Junction	Shr	Shower		Vent Pipe		Sealed	Capped Point
	On back Junction	S	Sink (kitchen)	IPMF	Induct Pipe Mica Flap		Prov	Provisional (future) drain point
AT	Autopsy Table	LS	Sink (laboratory)		Vacuum Chamber	BPWS		Bedpan Washer Sterilizer
BM	Bain Marie	PP	Potato Peeler		Boundary Valve	CWF		Circular Wash Fountain
BPS	Bedpan Sterilizer	SH	Slophopper		Manhole	CWM		Clothes-washing machine
BPW	Bedpan Washer	ST	Sterilizer		Assumed Drainage	DWM		Dishwashing Machine
CS	Cleaners Sink	Tr(A)	Trough (Ablution)		Rising Main	GWM		Glasswashing Machine
DU	Dental Unit	TD	Tundish		Trade Waste	PRS		Combination Pan Room Sink
DF	Drinking Fountain	Ur	Urinal		Flushing Point	SNDU		Sanitary Napkin Disposal Unit

**Who can I contact for further information about SSDs?**

Refer to the Fair Trading document *Sewer Service Diagram (SSD) Requirements* or if necessary;

For more information on SSDs contact PIAS Technical Support:

Tel: **1300 889 099**

Email: [PIAStechnical@services.nsw.gov.au](mailto:PIAStechnical@services.nsw.gov.au)