

Before submitting building plans the applicant is required obtain a Property Service Diagram and Standard Drawings from Solo Water, and have undertaken a detailed site survey to verify the location of assets and easements.

To receive a Solo Water approval of building plans, the proposed building plans must be submitted with the following information clearly shown:

All Solo Water easements

ITEM	STAMPED PLAN CHECKLIST	COMPLETED
1	<p>All Solo Water easements</p> <ul style="list-style-type: none"> • No building works are to be shown in inside Solo Water easements • No excavation is to be shown inside Solo Water easements that reduces the minimum cover on top of Solo Water assets. • No temporary building materials and waste storage or stockpile areas inside Solo Water Easements. Note: Solo Water assets can be damaged if heavy stockpiles are placed inside the easement. 	
2	<p>Show the 2:1 Zone of Influence (ZOI) as measured from the edge of all Solo Water easements</p> <ul style="list-style-type: none"> • Front Boundary or Back Boundary Gravity Sewer Easement – 1.5 m wide. <ul style="list-style-type: none"> - Gravity Sewers are approximately 1.2 m deep, as shown on the standard drawings. - Hence the 2:1 ZOI extends to 2.4 m horizontally from edge of easement. • Side Boundary Power Easement – 0.9 m wide <ul style="list-style-type: none"> - Power cables are approximately 0.6 m deep, as shown on the standard drawings. - Hence the 2:1 ZOI extends to 1.2 m horizontally from edge of easement. • Power Turret Easement – 1.5 m wide <ul style="list-style-type: none"> - Power cables are approximately 0.6 m deep, as shown on the standard drawings. - Hence the 2:1 ZOI extends to 1.2 m horizontally from edge of easement. • Pressure Sewer Unit Easement – 2 m x 2.5 m <ul style="list-style-type: none"> - Pressure Sewer Unit is approximately 2.2 m deep, as shown on the standard drawings. - Hence the 2:1 ZOI extends to 4.4 m horizontally from the edge of easement. 	

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3	<p>Highlight any building works inside the above Zone of Influence</p> <ul style="list-style-type: none"> Highlight anywhere the proposed building works cross the Zone Of Influence line. Include notes on the drawing to the effect that: <i>all works inside the Zone of Influence need to be designed by an engineer and certified as constructed by an engineer or PCA.</i> 	
4	<p>Show the sewer connection point</p> <ul style="list-style-type: none"> The sewer connection point is the 100 mm white PVC pipe sticking out of the ground on each lot. Note: no connections directly to the Pressure Sewer Unit are permitted. Note: It is preferred if this is shown by it is not essential as this will be pointed out onsite during the mandatory pre-construction induction. 	
5	<p>Show the drinking water meter connection point</p> <ul style="list-style-type: none"> The drinking water connection point is the blue coloured copper pipe sticking out of the ground closest to the property boundary on each lot. Note: It is preferred if this is shown by not essential as this can be pointed out onsite during the mandatory pre-construction induction. 	
6	<p>Show the recycled water meter connection point</p> <ul style="list-style-type: none"> The recycled water connection point is the purple coloured copper pipe sticking out of the ground furthest from the property boundary. Note: It is preferred if this are shown by not essential as this can be pointed out onsite during the mandatory pre-construction induction. 	
7	<p>BASIX Certificate and Recycled Water Uses to be defined (if the Basix Certificate is not provided, the approved plan must specify the recycled water uses).</p> <ul style="list-style-type: none"> The BASIX certificate should state connection to the Catherine Hill Bay Alternative Reticulated Water Supply. The following uses for recycled water must be listed on the plan to be stamped: <ul style="list-style-type: none"> - All Toilets - All laundry washing machine cold water taps - All outside garden irrigation taps 	

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	<ul style="list-style-type: none"> The plans must not contain any references to rainwater tanks for recycled water uses. 	
<p>8</p>	<p>Pools</p> <ul style="list-style-type: none"> If there is a pool shown on the plans, notes need to be included on the plan about the type of pool filter system to be used: <ul style="list-style-type: none"> The preferred and lowest cost option is to specify a non-backwashable cartridge type filter with no connection to sewer whatsoever. If a media filter is preferred or any other filter or system that requires a backwash or connection to sewer, the following must be shown on the plans: <ol style="list-style-type: none"> A surge/buffer tank a minimum volume of 2 kL; Buffer tank low level outlet connected to sewer restricted to <0.2 L/s; Buffer tank high level 90 mm or 100 mm unrestricted overflow to stormwater. 	

If the above information is not provided on the plans submitted to Solo Water the drawings will be required to be updated to include the above information prior to the plans being approved.