

## Design Form Pack – Major Works



Please forward this form and attachments to **Developer Services, Icon Water** at:

**Email:** [hydraulicassetacceptance@iconwater.com.au](mailto:hydraulicassetacceptance@iconwater.com.au) or **Post:** 12 Hoskins Street MITCHELL ACT 2911

### Section 1 – Submission Details

<b>Process Phase:</b>	In-principle	Detailed Design	<b>Submission Date:</b>	
<b>Submission Type:</b>	First submission	Resubmission	Amendment to Accepted Design	
<b>Resubmission No. (if applicable):</b>				

### Section 2 – Proposed Project Details

<b>Development Type:</b>	Out of Precinct	In-Precinct		
<b>Project Name:</b>			<b>Sub Division:</b>	No Yes
<b>Suburb (for In-Precinct):</b>				
<b>Section (for In-Precinct):</b>				
<b>Old Block No(s) (for In-Precinct):</b>				
<b>New Block No(s) (for In-Precinct):</b>			<b>No. of Blocks Created:</b>	
<b>Street Address (for In-Precinct):</b>				
<b>Estate Name (for Out of Precinct):</b>				
<b>Stage No. (for Out of Precinct):</b>			<b>No. of Blocks Created:</b>	
<b>Date contracts exchanged for site purchase (for In-precinct):</b>			<b>Date DA lodged (for In-precinct Detailed Design only):</b>	

### Section 3 – Developer

<b>Name of company (if applicable):</b>				
<b>ABN (if applicable):</b>				
<b>Name of Company Director(s) / Company Secretary (if applicable):</b>				
<b>Postal Address:</b>				
<b>Sole Director?</b>	No	Yes		
<b>Physical Address:</b>				
<b>Name of contact person:</b>				
<b>Telephone:</b>			<b>Mobile:</b>	
<b>Email:</b>				
<b>Authorisation by Developer:</b>	I hereby authorise the Consulting Company named in Section 4 to liaise with Icon Water on my behalf in relation to the development project outlined in Section 2.			
	Signature:		Date:	
<b>Certification by Developer (In-principle only):</b>	<p>By submitting this Design Form Pack, the Developer:</p> <p>(a) Acknowledges that Icon Water accepts no responsibility for the Project, design or associated costs;</p> <p>(b) Confirms the design was prepared by a suitably qualified and experienced chartered engineer;</p> <p>(c) Accepts full responsibility for ensuring the design:</p> <ol style="list-style-type: none"> <li>i. Is consistent with any documentation agreed with the ACT Government in respect of the Project;</li> <li>ii. Consistent with all applicable Icon Water Standards;</li> <li>iii. Complies with all other applicable laws, regulatory approvals and technical standards;</li> <li>iv. Gives due consideration to the proposed treatment of other utility infrastructure associated with the Project; and</li> </ol> <p>(d) Acknowledges that any In-principle Acceptance of the design by Icon Water is only for the purpose of proceeding to the [DA/BA phase] – In-principle Acceptance does not constitute approval by Icon Water of the design or an indication that Icon Water considers the design safe to construct or in compliance with the relevant legislation.</p> <p>(e) A pre-design survey has been undertaken and the associated documentation is attached.</p> <p>(f) Confirms that the details provided in this form are complete and accurate</p>			

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### Section 4 - Description of Works

<b>Drawing numbers attached:</b>

### Section 5 – Consulting Company Details

<b>Name of company (if applicable):</b>			
<b>Postal Address:</b>			
<b>Name of contact:</b>			
<b>Telephone:</b>		<b>Mobile:</b>	
<b>Email:</b>			

### Section 6 – Chartered Engineer Details

<b>Name of company (if applicable):</b>			
<b>Name of Chartered Engineer:</b>			
<b>Postal Address:</b>			
<b>Engineers Australia membership grade:</b>		<b>NER Registration No.:</b>	
<b>Telephone:</b>		<b>Mobile:</b>	
<b>Email:</b>			
<b>Name of Insurer:</b>			
<b>Policy No.:</b>		<b>Expiry Date:</b>	
<b>Amount of Cover:</b>			
<b>Certification by Chartered Engineer:</b>	Without limiting other obligations it has at law, the chartered engineer certifies and warrants to Icon Water that: (a) They are suitably qualified and have sufficient expertise to develop the design attached to this certification (Design); and (b) The Design; i. Has been developed with due care, skill and expertise expected of a prudent designer and contractor; ii. Consistent with all applicable Icon Water Standards; and iii. Complies with all other applicable laws, regulatory approvals and standards.  Signature: _____ Date: _____		

### Section 7 – Liquid Trade Waste (for In-principle only)

<b>Is it possible that this proposed project will require a Liquid Trade Waste (LTW) approval?:</b>	No	Yes	
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- Refer to the Icon Water website for information at <https://www.iconwater.com.au/tradewaste> regarding LTW.
- A LTW approval from Icon Water is a pre-requisite for obtaining plumbing certification (where such an approval is required).
- A separate application for LTW approval can be submitted to the Icon Water LTW Team at the same time as the submission for Detailed Design Acceptance.

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### Section 8 – Land Use Details (for In-precinct only)

Land Use		Total # Units Before Development	Total # Units After Development	Units	Multiplier (per unit)
Residential <sup>1</sup>	Low density <sup>2</sup>			# of dwellings	3.5
	Medium density			# of dwellings	2.5
	High density <sup>3</sup>			# of dwellings	2.0
Commercial	Shops and Office			# of employees	0.3
				Gross lettable floor space (10,000m <sup>2</sup> )	300
	Public visitor or sporting buildings			# of short-stay visitors	0.05
	Restaurants and Clubs			# of seats	0.1
	Tourist Area or Hospital			# of beds	0.5
Institutional	Schools and Education			# of students & staff	0.2
Other	Dry Trades			As per commercial shops and offices	
	Wet Trades			Assessed on a case by case basis by Icon Water	

You can also use the online [Water and Sewerage Capital Contributions Code](#) calculator

### Section 9 – Development Hydraulic Requirements

WATER	
<b>New water meter &gt;20mm?</b>	No    Yes (if yes then fill in remaining details) <b>Fire Risk Category</b> (as assessed by ACT Fire Brigade): <b>F6 F5 F4 F3 F2 F1</b> Number of metered firehydrants: .....    Number of metered hose reels: ..... <b>Irrigation:</b> Irrigable Area (Ha): .....    Design Flow (l/s): ..... <b>Mechanical Flow (l/s):</b> ..... <b>Domestic supply (Hot &amp; Cold):</b> No. fixtures: .....    No. load units: ..... Simultaneous flow (l/s – as per AS3500): ..... <b>Unit Metering</b> Number:.....
<b>Second standard water meter for dual occupancy?</b>	No    Yes
<b>New unmetered fire service?</b>	No    Yes <b>No. unmetered:</b> Fire hydrants: .....    Hose reels: ..... Located on floors: .....
<b>Relocation of existing water service?</b>	No    Yes
<b>Temporary construction site water service?</b>	No    Yes <b>Expected date of disconnection:</b>
<b>Disconnection of existing water service?</b> (disconnection & meter removal must be done by Icon Water)	No    Yes    Number:.....
<b>Installation of fire hydrant(s) on Icon Water mains?</b>	No    Yes    Number:.....
<b>Removal of existing unmetered fire service(s)?</b>	No    Yes    Number:.....
<b>Direct boosting from IW main required?</b>	No    Yes    If Yes, Refer to IW Specification STD-SPE-M-006 for requirements

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SEWER					
<b>Sewer connection(s)?</b>	No	Yes	Number:.....		
<b>Sewer disconnection(s)?</b>	No	Yes	Number:.....		
<b>On-site sanitary drainage includes Pumped Flows?</b>	No	Yes	Max. Pump Capacity (l/s):		
<b>Temporary construction site sewer service?</b>	No	Yes	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"><b>Expected date of disconnection</b></td> <td style="width: 50%;"></td> </tr> </table>	<b>Expected date of disconnection</b>	
<b>Expected date of disconnection</b>					

### Section 10 – Forecast Dates (Complete for 65mm Water Connection and Above)

<b>Completion of Detailed Design</b>	
<b>Award of Infrastructure Contract</b>	
<b>Completion of the Water and Sewer Connection/Disconnection by Icon Water</b>	
<b>Completion of Infrastructure Works</b>	
<b>Completion of Other Constructions</b>	

<sup>1</sup> Residential EP calculations using area and development densities can also be used as determined by Icon Water on a case-by- case basis if total dwelling number are unknown

<sup>2</sup> Less than 25 dwellings per hectare NSA

<sup>3</sup> More than 80 dwellings per hectare NSA