

LIFTING

TOTAL MASS

NOTES

- Top of Primary Sewage & S.C.A. tanks to be installed level
- "In-Line" configuration shown here.
- Min of 50mm fall of pipe between tanks.
- Top of cover & surround to be 75mm above ground level.
- Deeper installations require one or more risers to bring to ground level, additional saddles & risers are available in 200/400mm increments.
- Manifold to be located as high as possible in the saddle or the top riser.
- Concrete tanks to be manufactured to AS 1546.1
- Patent No. 45342/89 applies. Infringement will result in legal action.

Certified System™

Quality ISO 9001

SAI GLOBAL
Certificate No.: QEC4234
ISO 9001:2008

NO	ITEM CODE	QTY	DESCRIPTION
1	600V022	1	4,500L Septic Tank
2	602V005	1	4,500L S.C.A. Tank
3	565V1700U	1	1,700L Universal Tank
4	600V034	3	TJ Surround, 125 thick, Ø600 Void
5	600V035	3	TJ Ø700mm Lid, 65mm Thick
6	600V036	1	Pump Well Surround, Ø600 Void
7	600V038	1	400mm Turbojet Saddle
8	600V039	1	200mm Turbojet Saddle

*Deeper installations require one or more saddles and/or risers to bring to ground level. Please advise the sewer inlet depth determined on site. All saddles and risers to be sealed. For deeper installations raise the manifold to top riser and hang Pump 1 from a stainless steel bracket and chain. Also for deeper installations where a riser is used on the contact tank, position the valve & union in the riser so they can be accessed for servicing.

Retention Time Minimum of 1 Hour, Average Capacity 875L

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NO	DATE	REVISIONS
0	18/03/2010	Product Redrawn

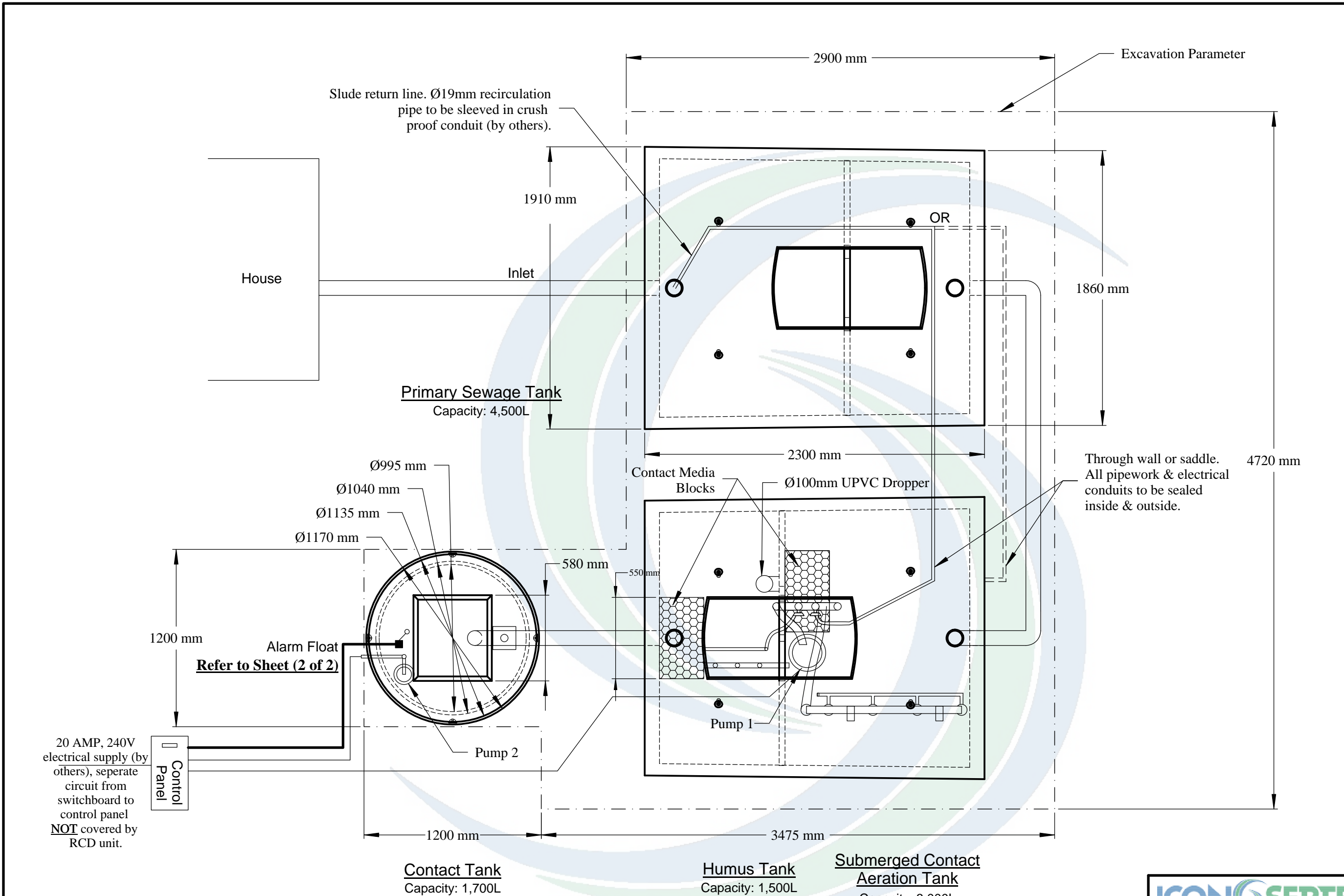
ICON SEPTTECH VIC

W: www.mcpipes.com.au T: 1300 557 143

TITLE

Turbojet 3000 (Sheet 1 of 4)
In-Line Configuration

SCALE	1:25	DWG NO	REV
DATE	18/03/2010	601V003VIC	0
DRAWN	R.Hourani	CHECKED	D. Egan
			SIZE A3



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TOTAL MASS

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NO	ITEM CODE	QTY	DESCRIPTION
1	600V022	1	4,500L Septic Tank
2	602V005	1	4,500L S.C.A. Tank
3	600V008	1	1,700L Universal Tank
4	600V034	3	TJ Surround, 125 thick, Ø600 Void
5	600V035	3	TJ Ø700mm Lid, 65mm Thick
6	600V028	1	200mm Saddle Riser
7	600V038	1	400mm Saddle
8	600V039	1	200mm Saddle

Turbojet 3000
Max Hydraulic Load 3000L/day
Max BOD 1200g/day

NOT FOR DISTRIBUTION

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NO	DATE	REVISIONS
0	22/03/2010	Product Redrawn

ICON SEPTTECH

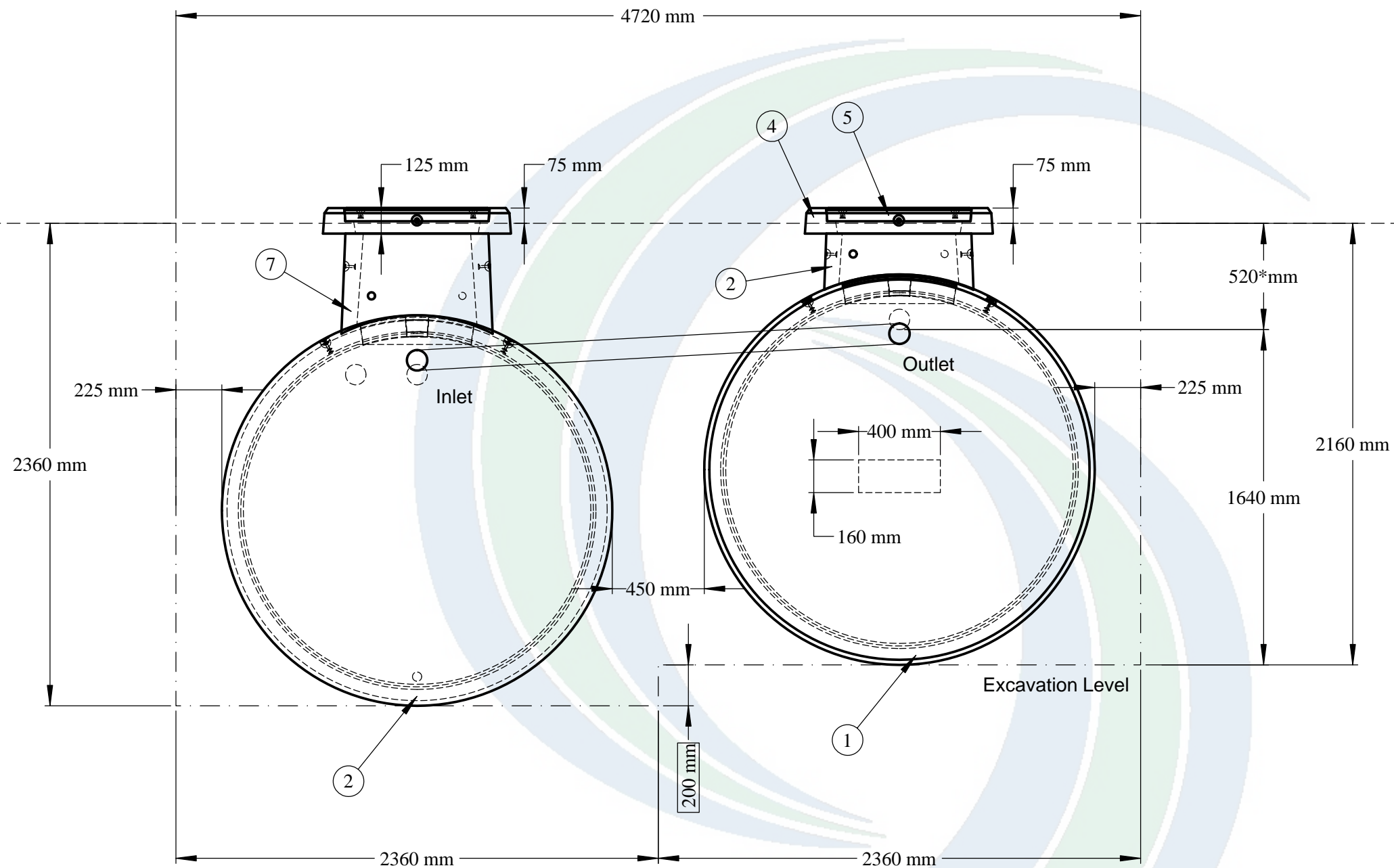
W: www.icon-septech.com.au T: 1300 557 143

PO BOX 5098, Minto BC, NSW 2566

TITLE

Turbojet 3000 (Sheet 2 of 4)
Horse Shoe Configuration

SCALE	1:25	DWG NO	REV
DATE	22/03/2010	601V003VIC	0
DRAWN	R. Hourani	CHECKED	D. Egan
			SIZE A3



*Deeper installations require one or more saddles and/or risers to bring to ground level, please advise the sewer inlet depth determined on site. All saddles and risers to be sealed. For deeper installations raise manifold to top riser and hang Pump 1 from a stainless steel bracket and chain.

LIFTING

TOTAL MASS

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- Manifold to be located as high as possible in the saddle or the top riser.
- Concrete tanks to be manufactured to AS 1546.1
- Patent No. 45342/89 applies. Infringement will result in legal action.



Quality
ISO 9001

SAI GLOBAL
Certificate No.: QEC4234
ISO 9001:2008



PO BOX 5098,
Minto BC,
NSW 2566

W: www.icon-septech.com.au T: 1300 557 143

TITLE				
Turbojet 3000 (Sheet 3 of 4)				
Horse Shoe Configuration				
SCALE	1:25	DWG NO		REV
DATE	22/03/2010	601V003VIC		0
DRAWN	R. Hourani	CHECKED	D. Egan	SIZE A3

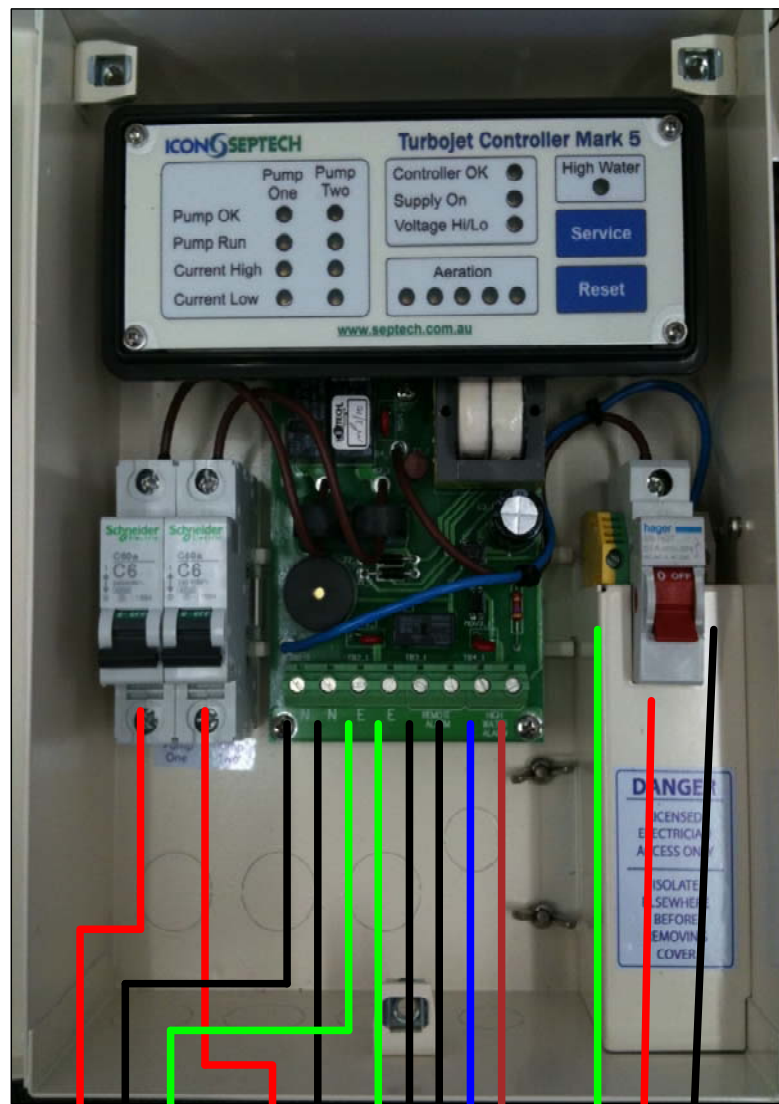
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NO	DATE	REVISIONS
0	22/03/2010	Product Redrawn

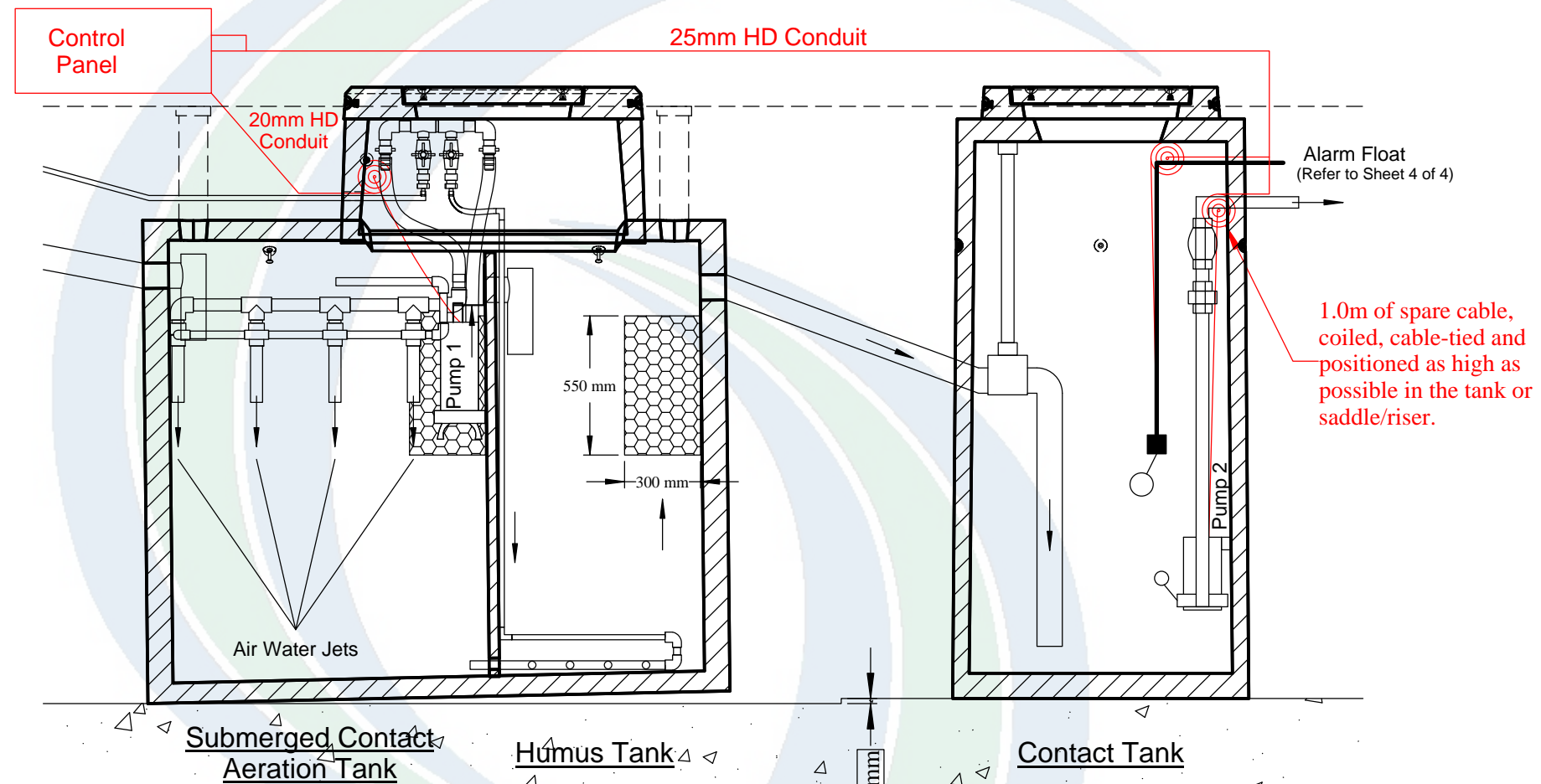
Turbojet 3000
Max Hydraulic Load 3000L/day
Max BOD 1200g/day

NO	ITEM CODE	QTY	DESCRIPTION
1	600V022	1	4,500L Septic Tank
2	602V005	1	4,500L S.C.A. Tank
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6	600V028	1	200mm Saddle Riser
7	600V038	1	400mm Saddle
8	600V039	1	200mm Saddle

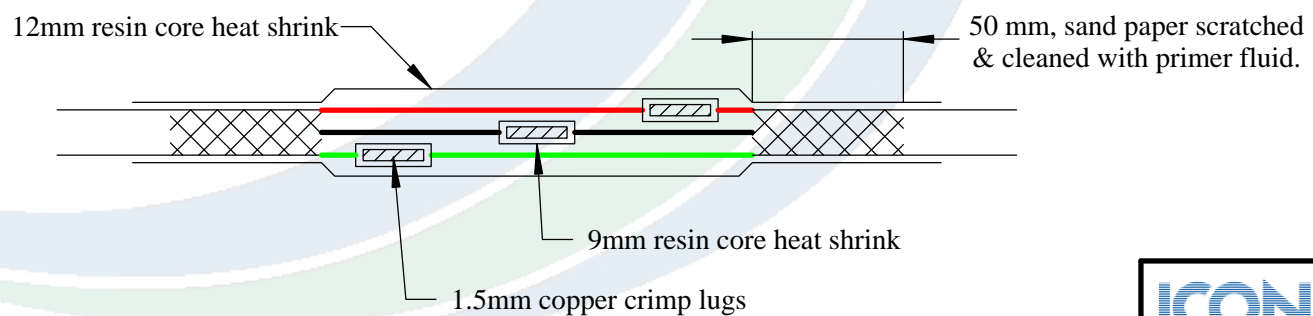


Please read these instructions carefully. It is critical that the system is wired to Icon-Septech specifications so that the plant may be commissioned appropriately, and so that warranties are NOT made void.

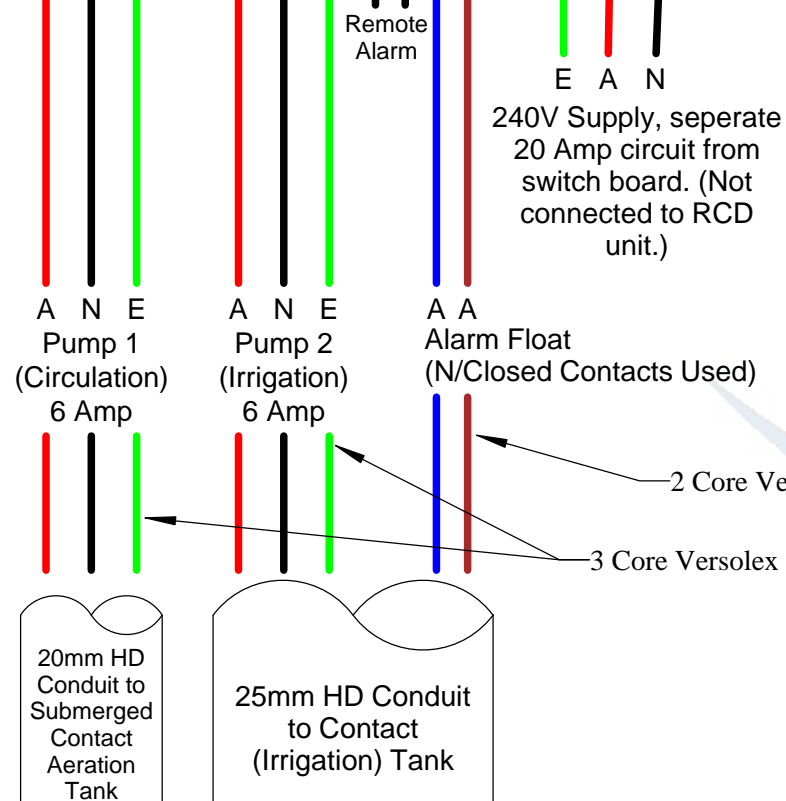
1. Mount the controller approximately 1.5m to 1.7m from the finished ground level on the external structure that allows good access for future servicing.
2. All conduits and unused penetrations must be sealed inside and outside against moisture and vermin.
3. All work must be carried out by a licenced electrical contractor in accordance with the local authorities and regulations.
4. Hard wire the controller from an independent 20 Amp circuit from the switchboard NOT RCD protected.
5. Cables extended from the controller to each piece of equipment in the treatment plant must be, independent, continuous, heavy duty submersible flex (Versolex or approved equivalent).
6. Cables extended from the controller must ONLY be joined to each piece of equipment in an accessible location within the treatment plant. At least 1.0m spare controller cable must be left, so that the piece of equipment may be brought to the surface and maintained.



7. Join cables to each piece of equipment using in line crimp lugs in a staggered formation, individually insulated with resin cored heat shrink. Then insulate overall with resin cored heat shrink ensuring an overlap at each end of at least 50mm.



8. The float switch circuit is 3 Volts. Use normally closed contacts for high water (alarm float).



NO	ITEM CODE	QTY	DESCRIPTION
1			
2			
3			

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NO	DATE	REVISIONS	
0	01/04/2010	Product Redrawn	

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 W: www.icon-septech.com.au T: 1300 557 143
 PO BOX 5098, Minto BC, NSW 2566

TITLE: **Turbojet 3000 (Sheet 4 of 4)**
Control Panel Mk 5 Installation & Specs

SCALE	1:25	DWG NO	REV
DATE	01/04/2010	601V003VIC[CP]	0
DRAWN	R. Hourani	CHECKED	D. Egan
			SIZE A3

LIFTING

TOTAL MASS

CONCRETE GRADE

NOTES



Quality ISO 9001

SAI GLOBAL
 Certificate No.: QEC4234
 ISO 9001:2008