



NSW
GOVERNMENT

| Health

Certificate of Accreditation

Sewage Management Facility

Septic Tanks & Collection Wells

This Certificate of Accreditation is issued by the Secretary of the NSW Ministry of Health pursuant to Clause 41(1) of the Local Government (General) Regulation 2005.

Manufacturer: Eco-Septic Pty Ltd t/a Econocycle

Of: 65 Warradale Road, Warragamba, NSW, 2752

The concrete Eco-Septic Septic Tanks and Collection Wells as described in the following Schedule have been accredited as sewage management facilities for use in single domestic premises in NSW.

*Director, Environmental Health
for Secretary (delegation PH335)*

Issued: 3 July 2018

Certificate No: STCW037

Expires: 31 December 2022

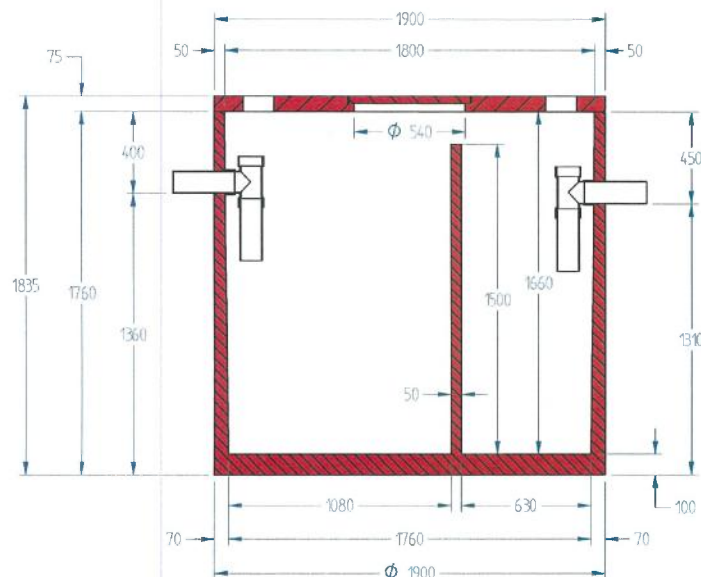
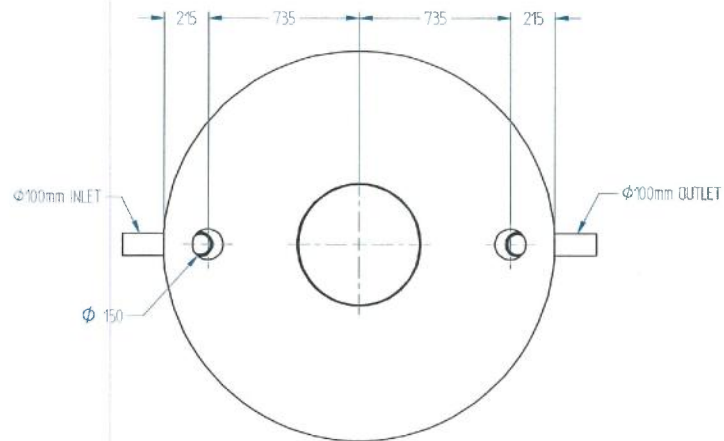


Health

Accreditation Schedule

*The Certificate of Accreditation applies to the following
Septic Tanks and Collection Wells*

Model	Description	Size
Septic Tank	Vertical axis type cylindrical precast steel fibre reinforced concrete, with partitions, lid, access cover, and inlet and outlet fittings. Burial depth of all tank lid is restricted to 0-500 mm	2,800 L 3,150 L 3,600 L 4,500L 5,500L 7,000L
Collection Well	Vertical axis type cylindrical precast steel fibre reinforced concrete. Certification applies only to the construction of the tank, lid, access cover and inlet fitting. It does not include the internal fittings or partitions. Burial depth of all tank lid is restricted to 0-500 mm	3,250 L 3,750 L 4,500L 5,500L 7,000 L 7,000 L flat/side 7,300 L 7,300 L flat/side 8,000L 9,000L 10,000L
Combined Septic Tank/ Collection well	Vertical axis type cylindrical precast steel fibre reinforced concrete. Certification applies only to the construction of the tank, lid, access cover and inlet fitting. It does not include the internal fittings or partitions.	7100 L



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- 3 JUL 2018

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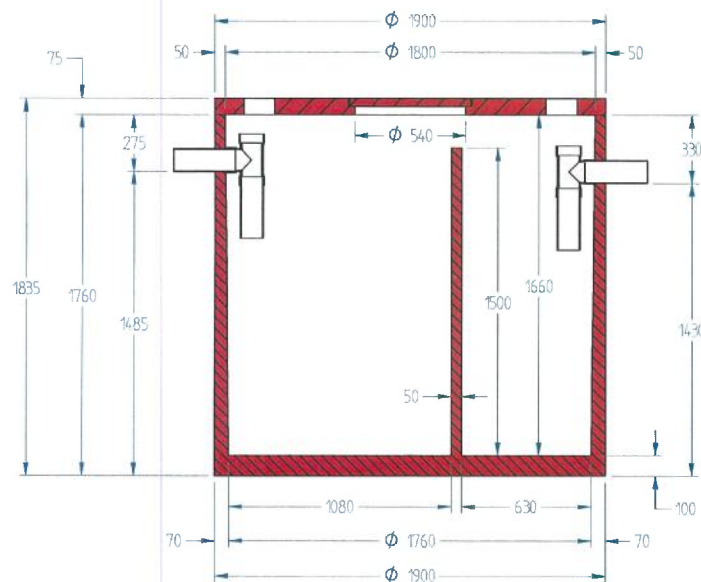
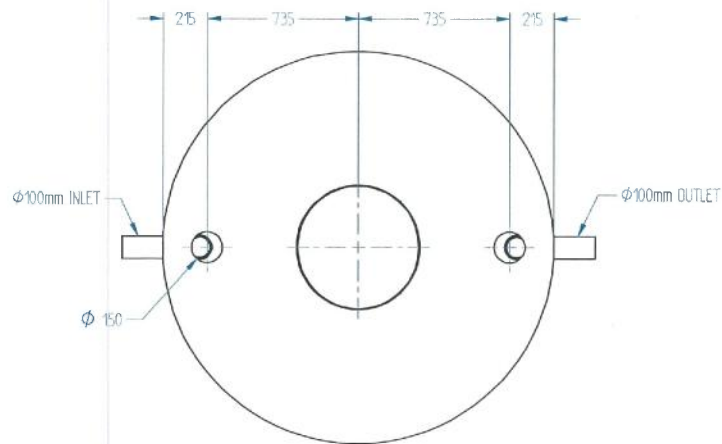


NOTES

1. SEPTIC TANKS TO BE MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.1:1998 ONSITE DOMESTIC WASTEWATER TREATMENT UNITS PART 1 SEPTIC TANKS
2. CONCRETE STRENGTH $f_{ct} = 40\text{MPa}$, SLUMP = 100mm, MAX. AGGREGATE SIZE = 10mm
3. CONCRETE TO BE VIBRATED TO ENSURE THE MOULD IS FILLED WITH WELL COMPACTED CONCRETE
4. TANKS TO BE REINFORCED WITH BHP FIBRE STEEL - 184EE OR EQUIVALENT, MIXED AT A RATE OF 75kg/m³ OF CONCRETE
5. LIFTING HOOKS TO BE REID SWIFT LIFTS 4 x 2.5 TONNE ANCHORS TO BE CAST INTO THE BASE OF THE TANK, 3 x 1.3 TONNE ANCHORS TO BE CAST INTO THE TANK LIDS

Econocycle AERATED WASTEWATER TREATMENT SYSTEMS		PROJECT: SEPTIC TANK	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MM		TITLE: 2800L CONCRETE TANK ASSY NSW HEALTH CERTIFICATION DRAWING	
SCALE: DO NOT SCALE		DATE PLOTTED: 10/09/2013	
DRAWN BY: P. MCKAY CHECKED BY: P. MCKAY MODELLED BY: P. MCKAY		COAT/TREAT: -	
PART: 124_1210		REVISION: B.1	
SHEET NO: 1 OF 1		SHEET SIZE: A3	

PM	10/09/2013	DRP PIPES ADDED	BT
PM	26/07/2010	ISSUED FOR REVIEW	TA
BY	DATE	REVISION DETAIL	REV



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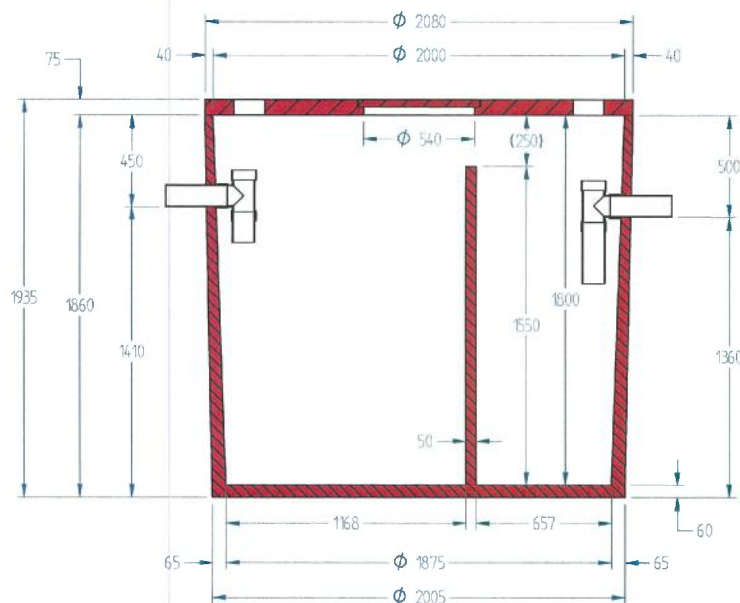
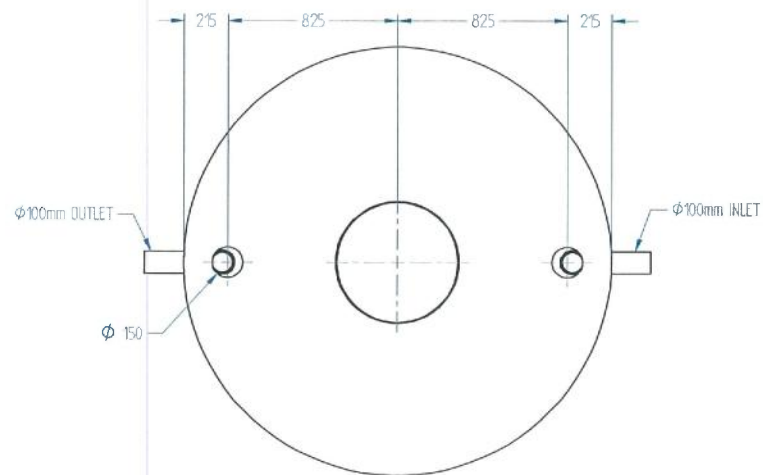


NOTES

1. SEPTIC TANKS TO BE MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.1:1998 ONSITE DOMESTIC WASTEWATER TREATMENT UNITS PART 1 SEPTIC TANKS
2. CONCRETE STRENGTH F_{ck} = 40MPa, SLUMP = 100mm, MAX. AGGREGATE SIZE = 10mm
3. CONCRETE TO BE VIBRATED TO ENSURE THE MOULD IS FILLED WITH WELL COMPACTED CONCRETE
4. TANKS TO BE REINFORCED WITH BHP FIBRE STEEL - 184EE OR EQUIVALENT, MIXED AT A RATE OF 75kg/m³ OF CONCRETE
5. LIFTING HOOKS TO BE REID SWIFT LIFTS 4 x 2.5 TONNE ANCHORS TO BE CAST INTO THE BASE OF THE TANK, 3 x 13 TONNE ANCHORS TO BE CAST INTO THE TANK LIDS

PM	10/02/2013	GROUP PIPES ADDED	B1
PM	26/07/2010	ISSUED FOR REVIEW	1A
BY	DATE	REVISION DETAIL	REV

Econocycle AERATED WASTEWATER TREATMENT SYSTEMS		PROJECT	SEPTIC TANK	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MM		TITLE	3150L CONCRETE TANK ASSY NSW HEALTH CERTIFICATION DRAWING	
SCALE DO NOT SCALE		DATE PLOTTED	10/09/2013	SHEET SIZE A3
DRAWN BY P. MCKAY		COAT/TREAT	-	PART# 124_1310 REVISION B.1 SHEET No 1 OF 1
MODELLED BY P. MCKAY		BROWSE LAST MODIFIED BY P. MCKAY	MODEL LAST MODIFIED BY P. MCKAY	



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NOTES:

1. SEPTIC TANKS TO BE MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.1:2008
2. CONCRETE STRENGTH = 40MPa
3. CONCRETE TO BE VIBRATED TO ENSURE WELL COMPACTED CONCRETE
4. TANKS TO BE REINFORCED WITH FIBRE STEEL
5. LIFTING TO BE "REID SWIFT LIFTS" 4 x 2.5 TONNE FOOT ANCHORS CAST INTO BASE OF THE TANK, 3 x 1.3 TONNE ANCHORS CAST INTO TANK LIDS

PM	10/09/2013	DROP PIPES ADDED	B1
PM	06/05/2010	ISSUED FOR REVIEW	T0
BY	DATE	REVISION DETAIL	REV

Econocycle AERATED WASTEWATER TREATMENT SYSTEMS		PROJECT: SEPTIC TANK TITLE: 3600L CONCRETE TANK ASSY NSW HEALTH CERTIFICATION DRAWING	SHEET SIZE: A3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MM		DATE PLOTTED: 10/09/2013	COAT/TREAT: -
SCALE: DO NOT SCALE DRAWN BY: P. MCKAY MODELLED BY: P. MCKAY		DRAWN/RE-LIST/REVISOR BY: P. MCKAY MODEL/RE-LIST/REVISOR BY: P. MCKAY	PART: # REVISION: 124_1510 B.1 SHEET No: 1 OF 1

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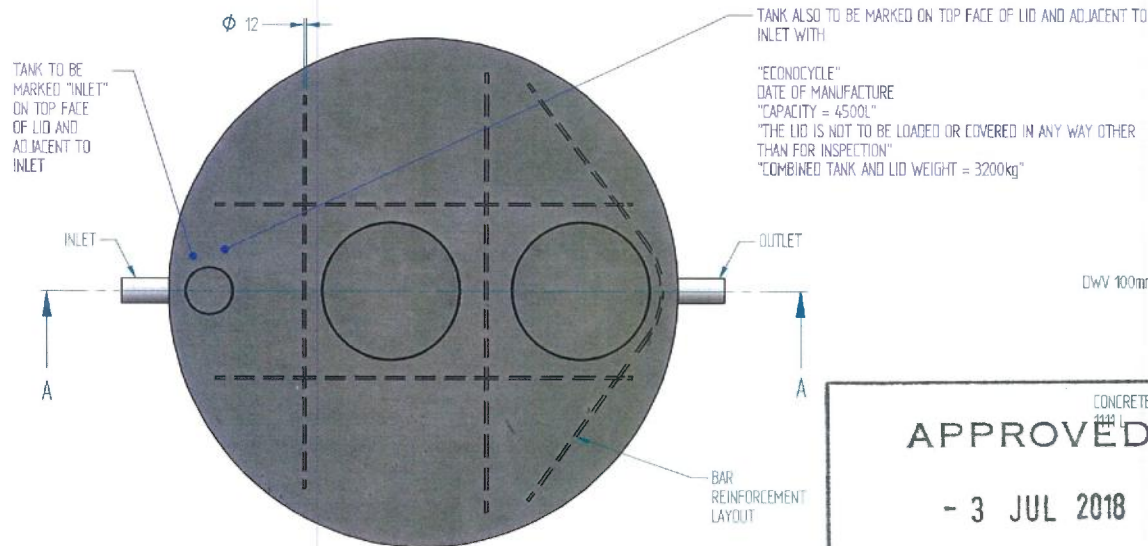
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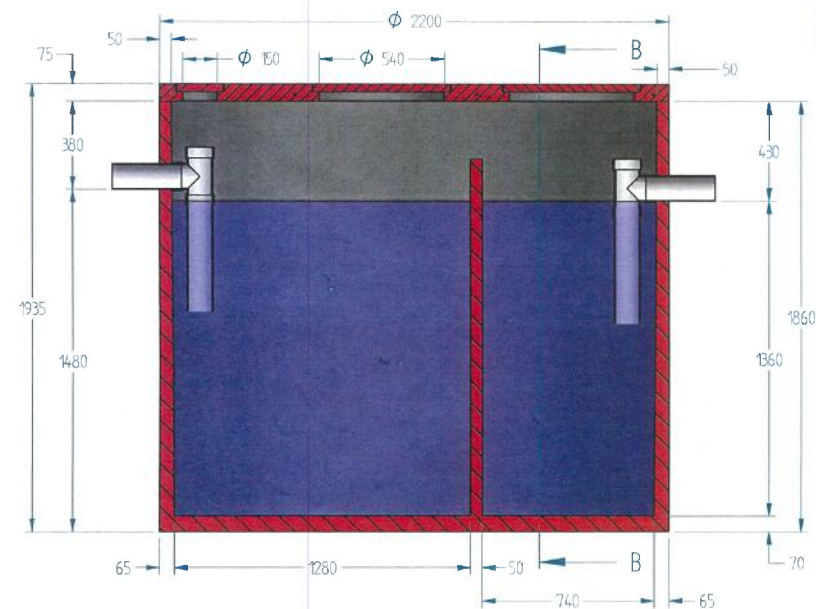


CONCRETE VOLUME OF TANK: 1111 L

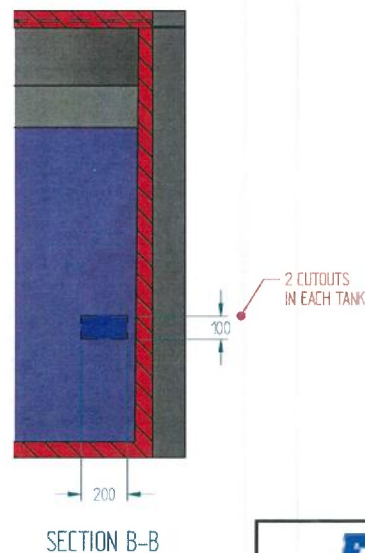
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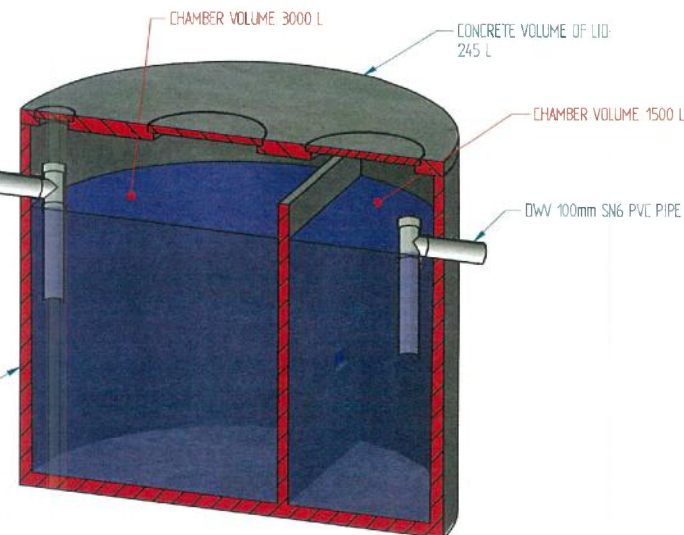


SECTION A-A



SECTION B-B

MASS: 3177 kg

**NOTES:****GENERAL**

1. SEPTIC TANKS MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.12008

MARKING

TANK TO BE MARKED AS NOTED ON THIS DRAWING

CONCRETE:

1. CONCRETE STRENGTH $f_{ck} = 40\text{MPa}$
2. SLUMP = 100mm
3. MAXIMUM AGGREGATE SIZE = 10mm
4. CONCRETE TO BE VIBRATED TO ENSURE THOROUGH COMPACTION
5. TANKS TO BE REINFORCED WITH FIBRE STEEL OF 600MPa MINIMUM TENSILE STRENGTH - OR EQUIVALENT, MIXED TO ACHIEVE A MINIMUM OF 60kg/m³ OF CONCRETE
6. LID TO BE REINFORCED WITH TWO LAYERS OF SL72 STEEL MESH 30mm ABOVE THE BOTTOM
7. LARGE LID INSPECTION HOLE TO BE REINFORCED WITH R12 DEFORMED BAR AS SHOWN
8. ALL STEEL REINFORCEMENT TO AS/NZS 4671

ATTACHMENTS:

1. LIFTING HOOKS TO BE 'REID SWIFT' LIFTS 4 x 25t (TONNE), ANCHORS TO BE CAST INTO THE BASE OF THE TANK
2. 3 x 13 tonne ANCHORS TO BE CAST INTO THE TANK LIDS

HYDROSTATIC UPLIFT:

1. ANCHORAGE SHALL BE PROVIDED ON TANKS THAT ARE INSTALLED OTHER THAN ABOVE GROUND AND WHEN THEY ARE NOT PERMANENTLY FILLED TO THE FULL HEIGHT SHOWN ON THIS DRAWING.

 AERATED WASTEWATER TREATMENT SYSTEMS		PROJECT: -	
		TITLE: 4,500L SEPTIC TANK CERTIFICATION DRAWING	
COPYRIGHT ALL RIGHTS RESERVED UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MM	DATE PLOTTED: 29/05/2017 SCALE: DO NOT SCALE DRAWING LAST MODIFIED BY: Peter McKay	COAT/TREAT: NONE PART#: 2200x1860-4500-ST VERSION: --	SHEET SIZE: A3 SHEET NO: 1 OF 1

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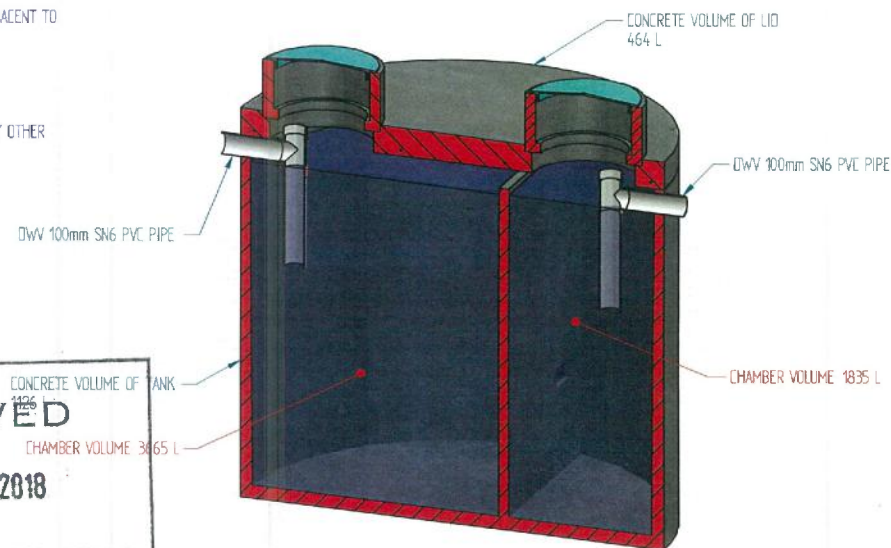
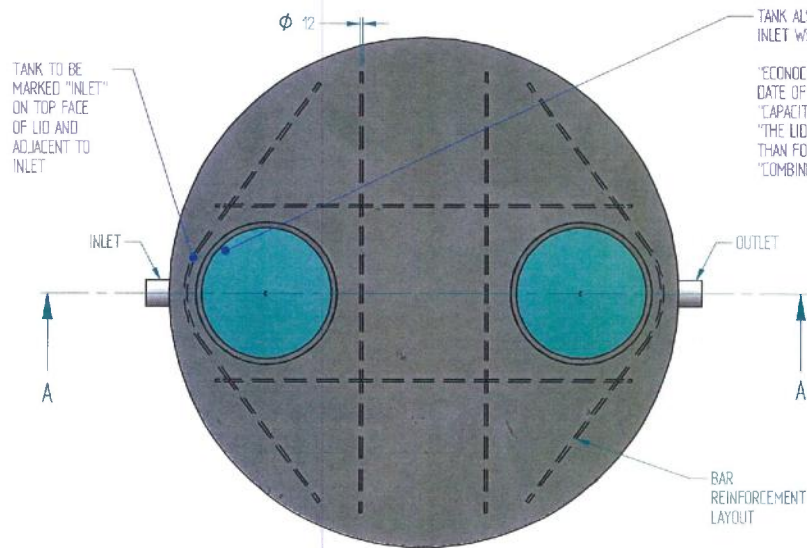
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NOTES:

GENERAL

1. SEPTIC TANKS MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546:12008

MARKING

TANK TO BE MARKED AS NOTED ON THIS DRAWING

CONCRETE:

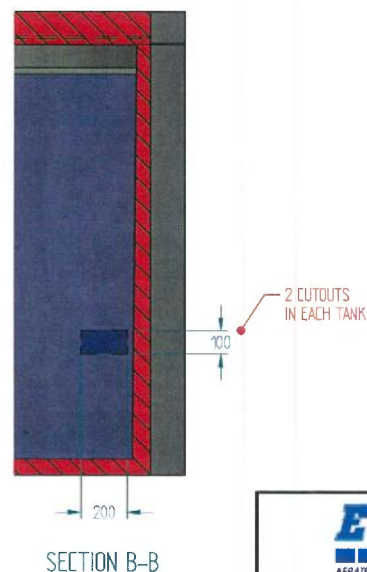
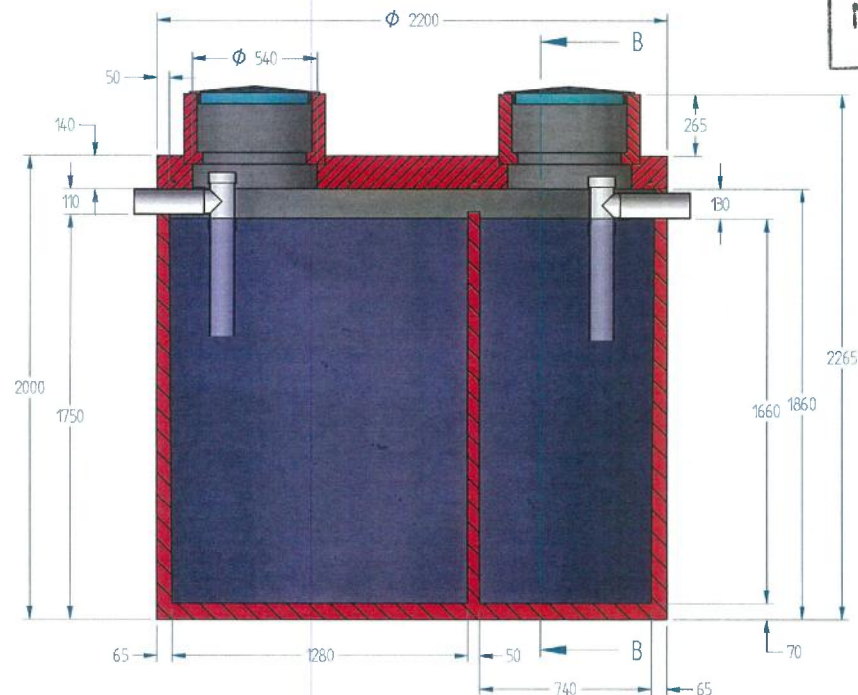
1. CONCRETE STRENGTH $F_{ck} = 40\text{MPa}$
2. SLUMP = 100mm
3. MAXIMUM AGGREGATE SIZE = 10mm
4. CONCRETE TO BE VIBRATED TO ENSURE THOROUGH COMPACTION
5. TANKS TO BE REINFORCED WITH FIBRE STEEL OF 600MPa MINIMUM TENSILE STRENGTH - OR EQUIVALENT, MIXED TO ACHIEVE A MINIMUM OF 60kg/m³ OF CONCRETE
6. LID TO BE REINFORCED WITH TWO LAYERS OF S172 STEEL MESH 30mm ABOVE THE BOTTOM
7. LARGE LID INSPECTION HOLE TO BE REINFORCED WITH R12 DEFORMED BAR AS SHOWN
8. ALL STEEL REINFORCEMENT TO AS/NZS 4671

ATTACHMENTS:

1. LIFTING HOOKS TO BE 'REID SWIFT' LIFTS 4 x 2.5t (TONNE), ANCHORS TO BE CAST INTO THE BASE OF THE TANK
2. 3 x 13 tonne ANCHORS TO BE CAST INTO THE TANK LIDS

HYDROSTATIC UPLIFT:

1. ANCHORAGE SHALL BE PROVIDED ON TANKS THAT ARE INSTALLED OTHER THAN ABOVE GROUND AND WHEN THEY ARE NOT PERMANENTLY FILLED TO THE FULL HEIGHT SHOWN ON THIS DRAWING.



MASS 3813 kg

		PROJECT	
		TITLE	
Econocycle AERATED WASTEWATER TREATMENT SYSTEMS		5,500L SEPTIC TANK CERTIFICATION DRAWING	
DATE PLOTTED 18/06/2018 SCALE DO NOT SCALE DRAWING LAST MODIFIED BY Peter McKay		COAT/TREAT NONE PART # 2200x1860-5500-ST VERSION ---	
COPYRIGHT THIS DRAWING AND ANY INFORMATION CONTAINED HEREIN IS THE PROPERTY OF ECONOCYCLE. IT IS TO BE USED ONLY FOR THE PROJECT AND CANNOT BE COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION.		SHEET SIZE A3 SHEETING 1 OF 1	

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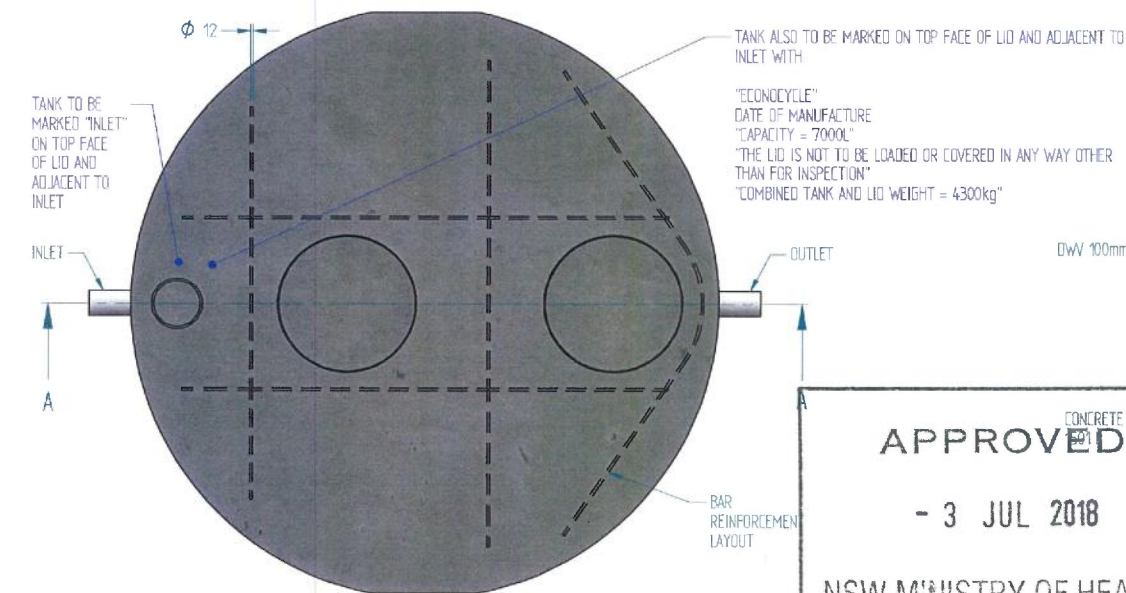
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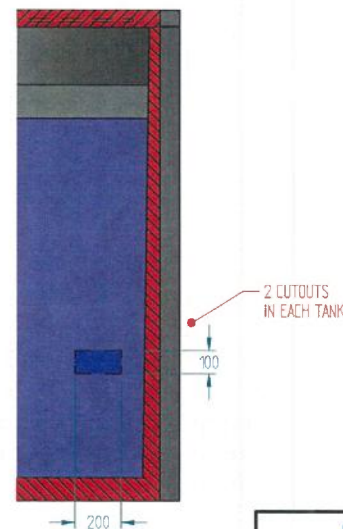
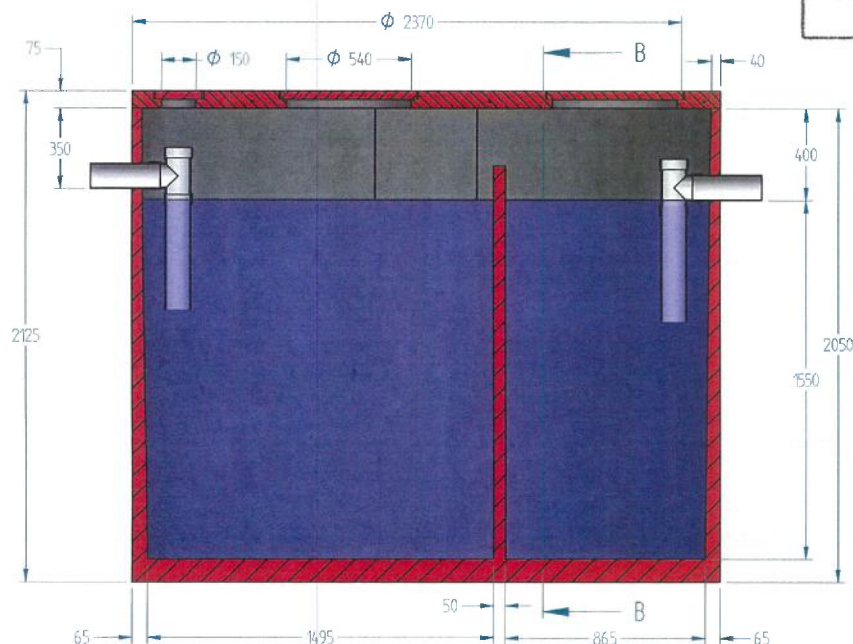
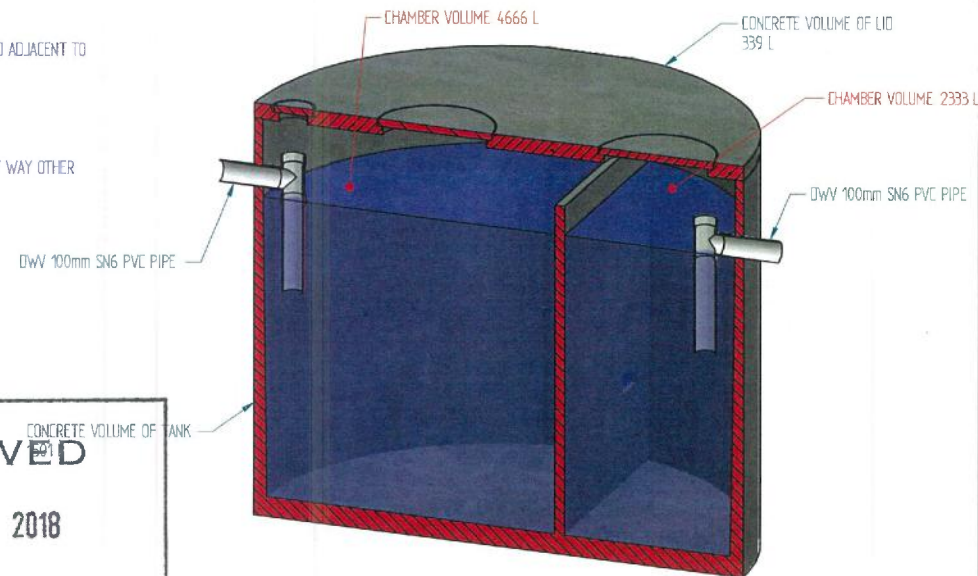
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- 3 JUL 2018

NSW MINISTRY OF HEALTH



MASS 4292 kg

NOTES:

GENERAL

1. SEPTIC TANKS MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.12:2008

MARKING

TANK TO BE MARKED AS NOTED ON THIS DRAWING

CONCRETE:

1. CONCRETE STRENGTH $f_{c'} = 40\text{MPa}$
2. SLUMP = 100mm
3. MAXIMUM AGGREGATE SIZE = 10mm
4. CONCRETE TO BE VIBRATED TO ENSURE THOROUGH COMPACTION
5. TANKS TO BE REINFORCED WITH FIBRE STEEL OF 600MPa MINIMUM TENSILE STRENGTH - OR EQUIVALENT, MIXED TO ACHIEVE A MINIMUM OF 75kg/m³ OF CONCRETE
6. LID TO BE REINFORCED WITH TWO LAYERS OF S172 STEEL MESH 30mm ABOVE THE BOTTOM
7. LARGE LID INSPECTION HOLE TO BE REINFORCED WITH R12 DEFORMED BAR AS SHOWN
8. ALL STEEL REINFORCEMENT TO AS/NZS 4671

ATTACHMENTS:

1. LIFTING HOOKS TO BE 'REID SWIFT' LIFTS 4 x 2.5t (TONNE), ANCHORS TO BE CAST INTO THE BASE OF THE TANK
2. 3 x 13 tonne ANCHORS TO BE CAST INTO THE TANK LIDS

HYDROSTATIC UPLIFT:

1. ANCHORAGE SHALL BE PROVIDED ON TANKS THAT ARE INSTALLED OTHER THAN ABOVE GROUND AND WHEN THEY ARE NOT PERMANENTLY FILLED TO THE FULL HEIGHT SHOWN ON THIS DRAWING.

		PROJECT	
		TITLE	
		7,000L SEPTIC TANK CERTIFICATION DRAWING	
		DATE PLOTTED	29/05/2017
		DATE ATREAT	NONE
		SCALE	DO NOT SCALE
		PART #	2540x2050-7000-ST
		BRAWING LAST MODIFIED BY	Peter McKay
		VERSION	---
		SHEET No	1 OF 1
		SHEET SIZE	A3

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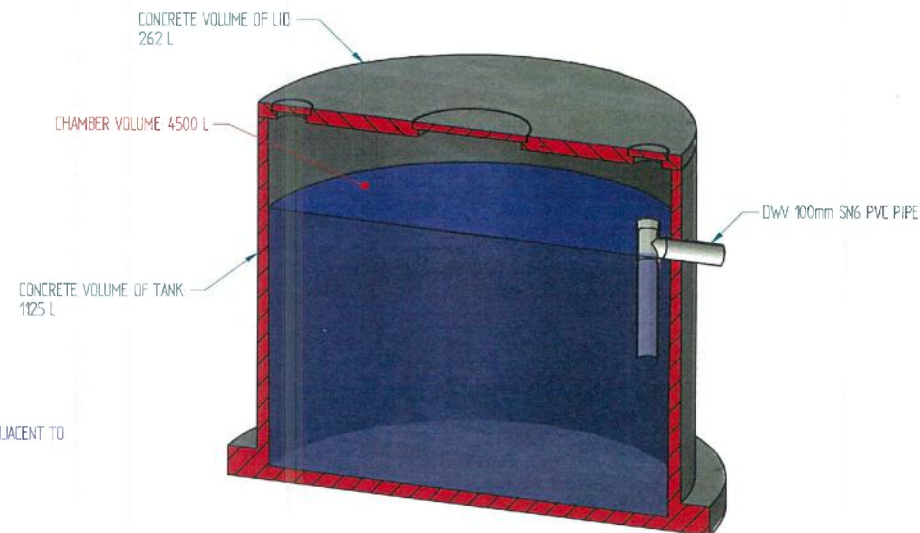
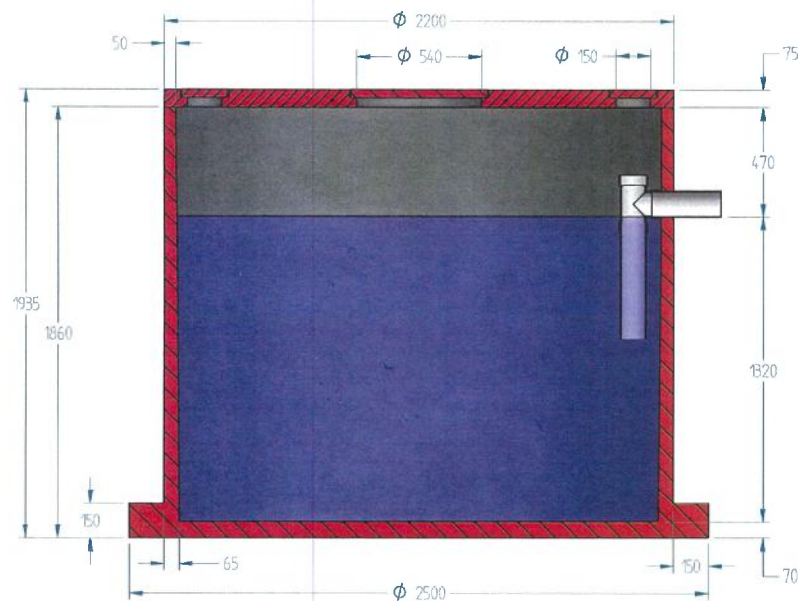
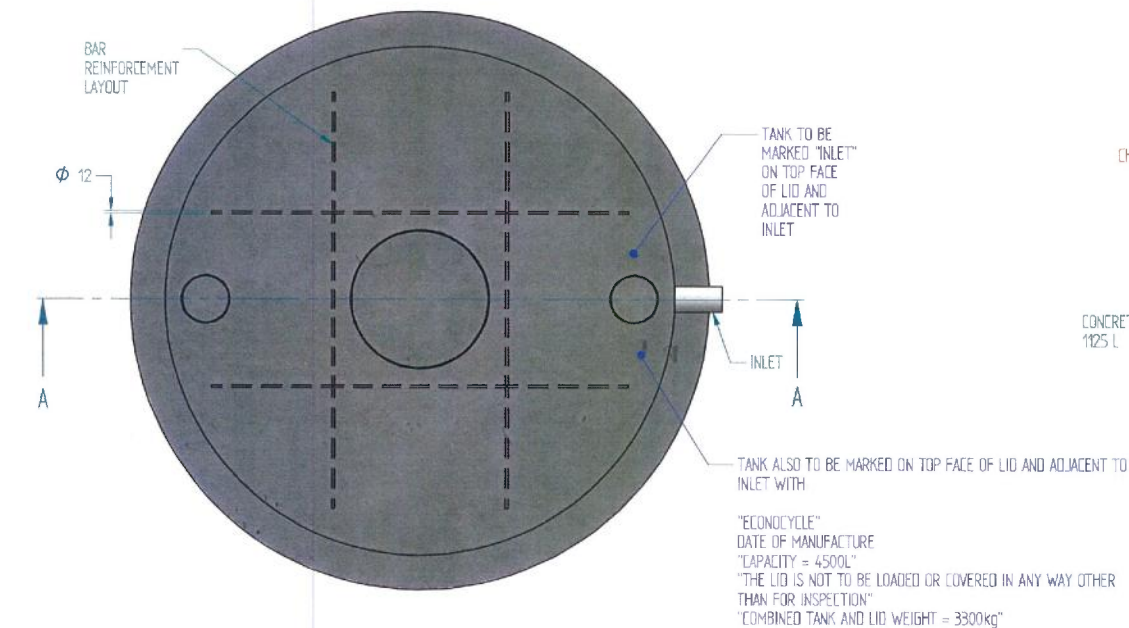
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NOTES:

GENERAL

1. SEPTIC TANKS MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.12/008

MARKING

TANK TO BE MARKED AS NOTED ON THIS DRAWING

CONCRETE:

1. CONCRETE STRENGTH $f_{ck} = 40\text{MPa}$
2. SLUMP = 100mm
3. MAXIMUM AGGREGATE SIZE = 10mm
4. CONCRETE TO BE VIBRATED TO ENSURE THOROUGH COMPACTION
5. TANKS TO BE REINFORCED WITH FIBRE STEEL OF 600MPa MINIMUM TENSILE STRENGTH - OR EQUIVALENT, MIXED TO ACHIEVE A MINIMUM OF 60kg/m³ OF CONCRETE
6. LID TO BE REINFORCED WITH TWO LAYERS OF S172 STEEL MESH 30mm ABOVE THE BOTTOM
7. LARGE LID INSPECTION HOLE TO BE REINFORCED WITH R12 DEFORMED BAR AS SHOWN
8. ALL STEEL REINFORCEMENT TO AS/NZS 4671

ATTACHMENTS:

1. LIFTING HOOKS TO BE 'REID SWIFT' LIFTS 4 x 25t (TONNE), ANCHORS TO BE CAST INTO THE BASE OF THE TANK
2. 3 x 13 tonne ANCHORS TO BE CAST INTO THE TANK LIDS

HYDROSTATIC UPLIFT:

1. ANCHORAGE SHALL BE PROVIDED ON TANKS THAT ARE INSTALLED OTHER THAN ABOVE GROUND AND WHEN THEY ARE NOT PERMANENTLY FILLED TO THE FULL HEIGHT SHOWN ON THIS DRAWING.

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- 3 JUL 2018

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MASS: 3224 kg

<p>ERATED WASTEWATER TREATMENT SYSTEMS</p>		PROJECT	
<p>COPYRIGHT</p> <p>ALL RIGHTS RESERVED. NO REPRODUCTION OR TRANSMISSION IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT WRITTEN PERMISSION.</p>		TITLE	
<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MM</p>		4500L COLLECTION WELL CERTIFICATION DRAWING	
<p>DATE: 29/05/2017</p> <p>SCALE: DO NOT SCALE</p> <p>DRAWING LAST MODIFIED BY: Peter McKay</p>		LOAN/TREAT	NONE
<p>PART#</p> <p>2200x1860-4500-CW</p>		VERSION	-
<p>SHEET NO.</p> <p>1 OF 1</p>		SHEET SIZE	A3

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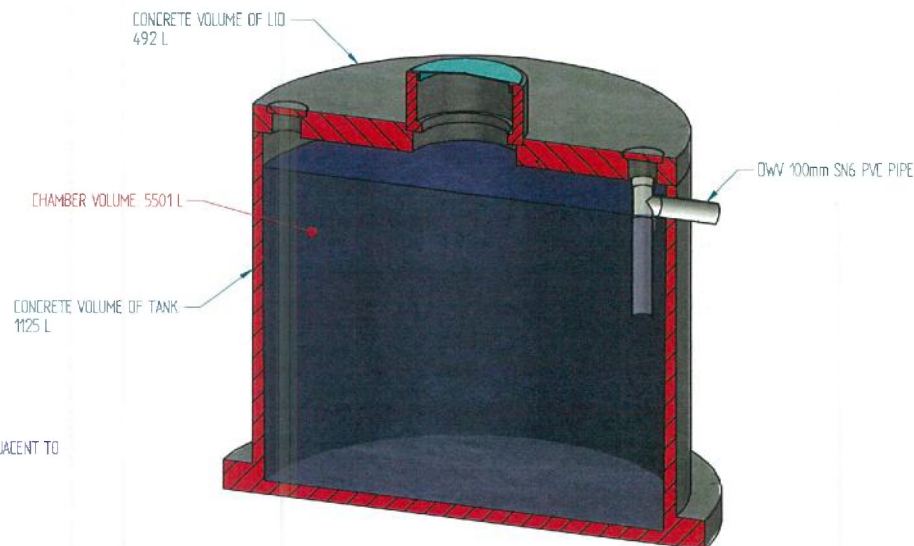
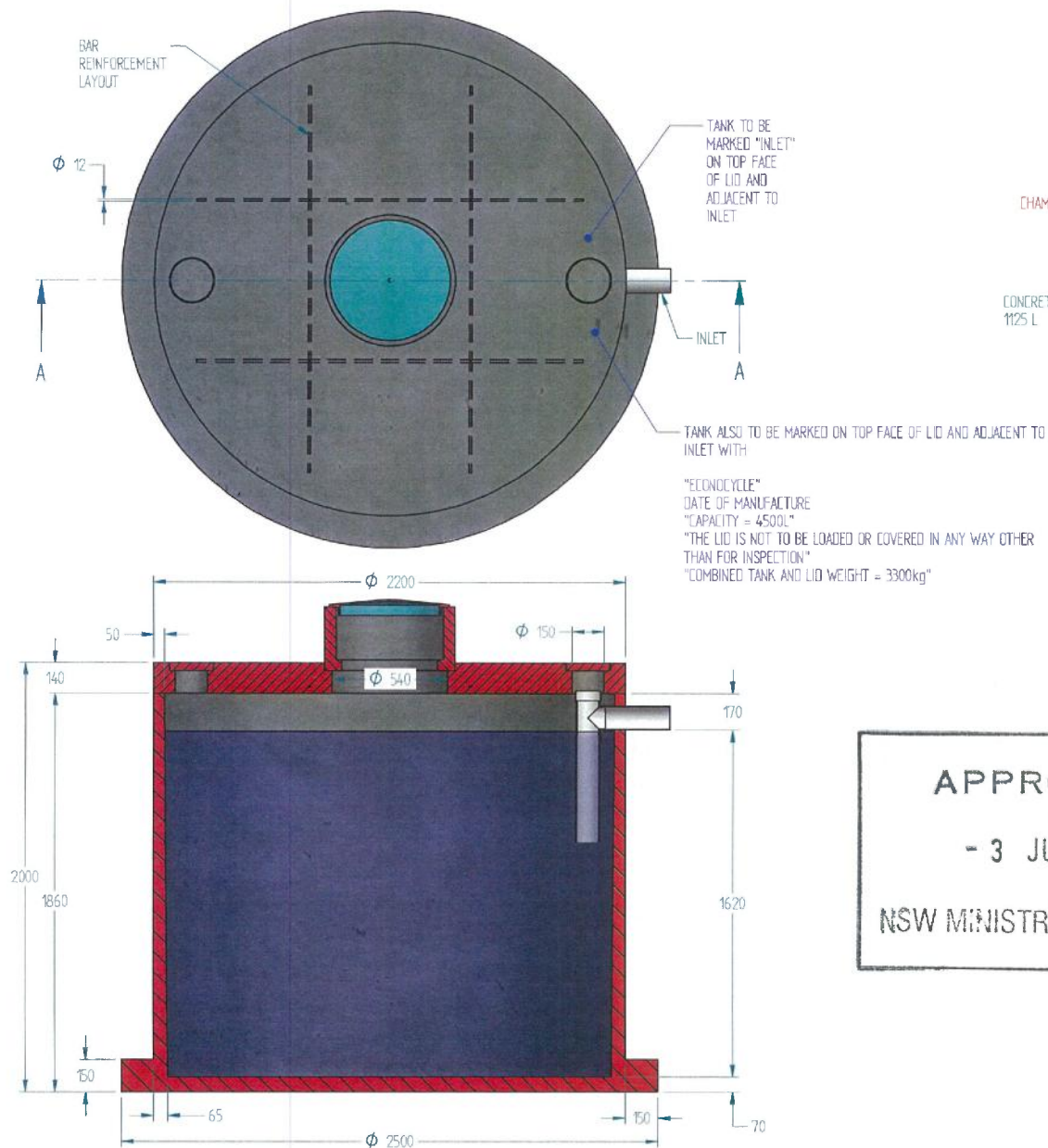
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NOTES:

GENERAL

1. SEPTIC TANKS MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.12008

MARKING

TANK TO BE MARKED AS NOTED ON THIS DRAWING

CONCRETE:

1. CONCRETE STRENGTH $F_{ck} = 40\text{MPa}$
2. SLUMP = 100mm
3. MAXIMUM AGGREGATE SIZE = 10mm
4. CONCRETE TO BE VIBRATED TO ENSURE THOROUGH COMPACTION
5. TANKS TO BE REINFORCED WITH FIBRE STEEL OF 600MPa MINIMUM TENSILE STRENGTH - OR EQUIVALENT, MIXED TO ACHIEVE A MINIMUM OF 60kg/m³ OF CONCRETE
6. LID TO BE REINFORCED WITH TWO LAYERS OF S172 STEEL MESH 30mm ABOVE THE BOTTOM
7. LARGE LID INSPECTION HOLE TO BE REINFORCED WITH R12 DEFORMED BAR AS SHOWN
8. ALL STEEL REINFORCEMENT TO AS/NZS 4671

ATTACHMENTS:

1. LIFTING HOOKS TO BE 'REID SWIFT' LIFTS 4 x 2.5t (TONNE), ANCHORS TO BE CAST INTO THE BASE OF THE TANK
2. 3 x 13 tonne ANCHORS TO BE CAST INTO THE TANK LIDS

HYDROSTATIC RELIEF:

1. ANCHORAGE SHALL BE PROVIDED ON TANKS THAT ARE INSTALLED OTHER THAN ABOVE GROUND AND WHEN THEY ARE NOT PERMANENTLY FILLED TO THE FULL HEIGHT SHOWN ON THIS DRAWING.

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- 3 JUL 2018

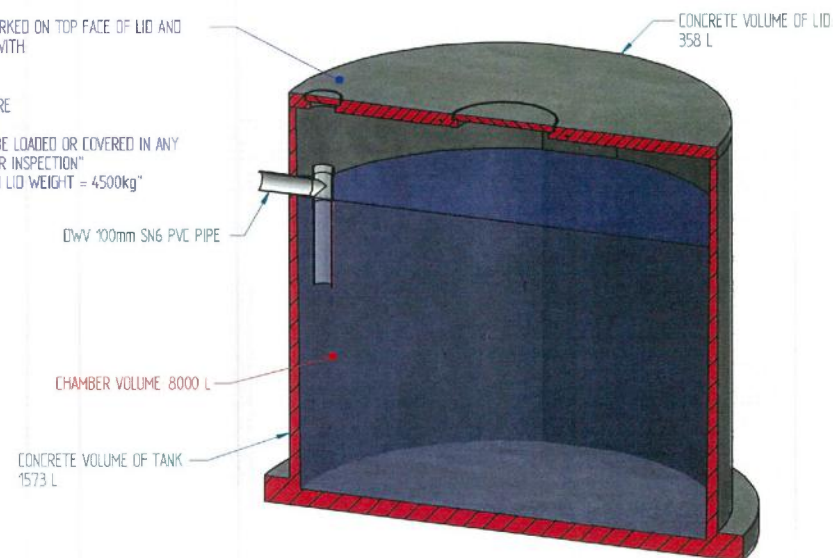
NSW MINISTRY OF HEALTH

MASS 3224 kg

Econocycle AERATED WASTEWATER TREATMENT SYSTEMS		PROJECT	
COPYRIGHT <small>THIS DRAWING AND ANY INFORMATION CONTAINED HEREIN REMAINS THE EXCLUSIVE PROPERTY OF ECONOCYCLE. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF ECONOCYCLE.</small>		TITLE 5,500L COLLECTION WELL CERTIFICATION DRAWING	
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MM</small>		DATE PLOTTED 18/06/2018 SCALE DO NOT SCALE DRAWING LAST MODIFIED BY Peter McKinn	SHEET SIZE A3 SHEET NO. 1 OF 1
PART # 2200x1860-5500-CW		VERSION -	



"ECONOCYCLE"
DATE OF MANUFACTURE
"CAPACITY = 8000L"
"THE LID IS NOT TO BE LOADED OR COVERED IN ANY
WAY OTHER THAN FOR INSPECTION"
"COMBINED TANK AND LID WEIGHT = 4500kg"



1. ANCHORAGE SHALL BE PROVIDED ON TANKS THAT ARE INSTALLED OTHER THAN ABOVE GROUND AND WHEN THEY ARE NOT PERMANENTLY FILLED TO THE FULL HEIGHT SHOWN ON THIS DRAWING.

NSW MINISTRY OF HEALTH



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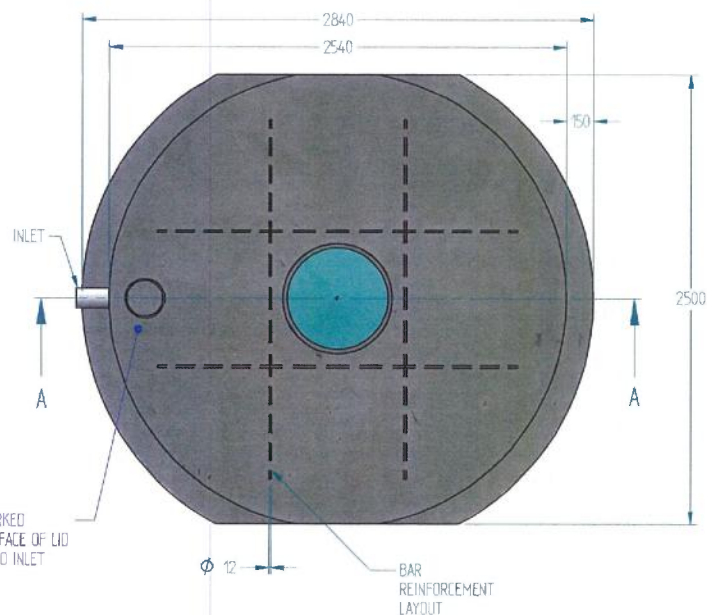
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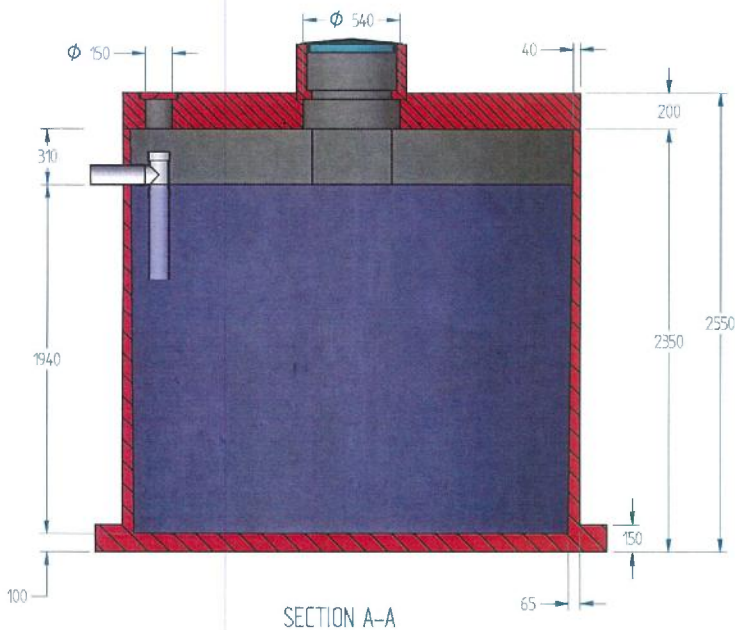
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TANK TO BE MARKED
"INLET" ON TOP FACE OF LID
AND ADJACENT TO INLET

BAR
REINFORCEMENT
LAYOUT



SECTION A-A

TANK ALSO TO BE MARKED ON TOP FACE OF LID AND
ADJACENT TO INLET WITH:

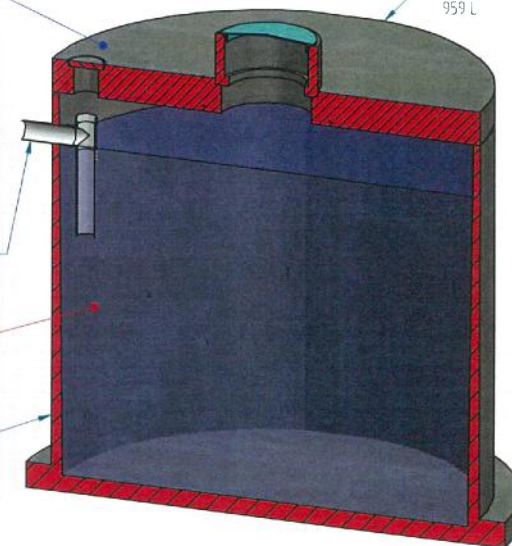
"ECONOCYCLE"
DATE OF MANUFACTURE
"CAPACITY = 9000L"
"THE LID IS NOT TO BE LOADED OR COVERED IN ANY
WAY OTHER THAN FOR INSPECTION"
"COMBINED TANK AND LID WEIGHT = 6000kg"

DWV 100mm SN6 PVC PIPE

CHAMBER VOLUME 9000 L

CONCRETE VOLUME OF TANK
1573 L

CONCRETE VOLUME OF LID
959 L



NOTES:

GENERAL

1. SEPTIC TANKS MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.12:2008

MARKING

TANK TO BE MARKED AS NOTED ON THIS DRAWING

CONCRETE:

1. CONCRETE STRENGTH $F_{ck} = 40\text{MPa}$
2. SLUMP = 100mm
3. MAXIMUM AGGREGATE SIZE = 10mm
4. CONCRETE TO BE VIBRATED TO ENSURE THOROUGH COMPACTION
5. TANKS TO BE REINFORCED WITH FIBRE STEEL OF 600MPa MINIMUM TENSILE STRENGTH - OR EQUIVALENT, MIXED TO ACHIEVE A MINIMUM OF 75kg/m³ OF CONCRETE
6. LID TO BE REINFORCED WITH TWO LAYERS OF SL72 STEEL MESH 30mm ABOVE THE BOTTOM
7. LARGE LID INSPECTION HOLE TO BE REINFORCED WITH R12 DEFORMED BAR AS SHOWN
8. ALL STEEL REINFORCEMENT TO AS/NZS 4671

ATTACHMENTS:

1. LIFTING HOOKS TO BE 'REID SWIFT' LIFTS 4 x 2.5t (TONNE), ANCHORS TO BE CAST INTO THE BASE OF THE TANK
2. 3 x 13 tonne ANCHORS TO BE CAST INTO THE TANK LIDS

HYDROSTATIC UPLIFT:

1. ANCHORAGE SHALL BE PROVIDED ON TANKS THAT ARE INSTALLED OTHER THAN ABOVE GROUND AND WHEN THEY ARE NOT PERMANENTLY FILLED TO THE FULL HEIGHT SHOWN ON THIS DRAWING.

APPROVED

- 3 JUL 2018

NSW MINISTRY OF HEALTH

MASS: 5906 kg

<p>ERATED WASTEWATER TREATMENT SYSTEMS</p>		PROJECT: --- TITLE: 9,000L COLLECTION WELL CERTIFICATION DRAWING		SHEET SIZE: A3
COPYRIGHT UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MM	DATE PLOTTED: 29/05/2017 SCALE: DO NOT SCALE DRAWING LAST MODIFIED BY: Peter Macky	COM/ATREAT: NONE PART/ID: 2540x2350-9000-CW	VERSION: --- SHEET No: 1 OF 1	

1

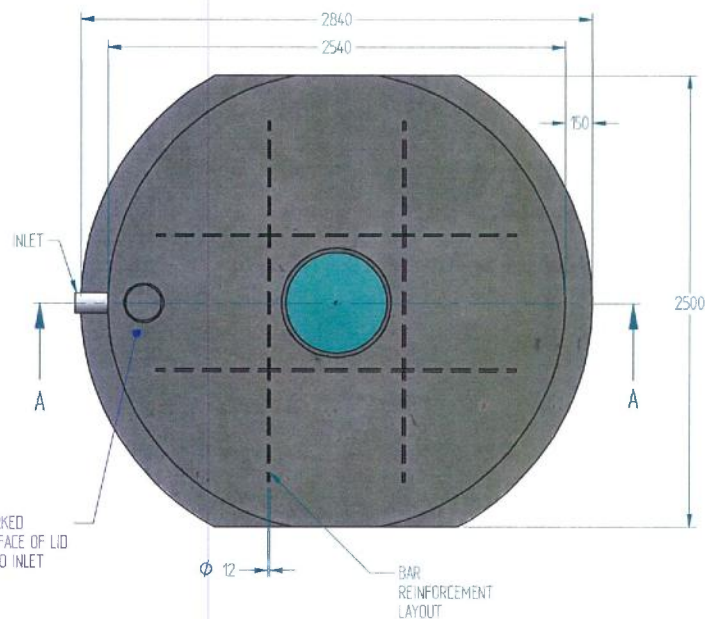
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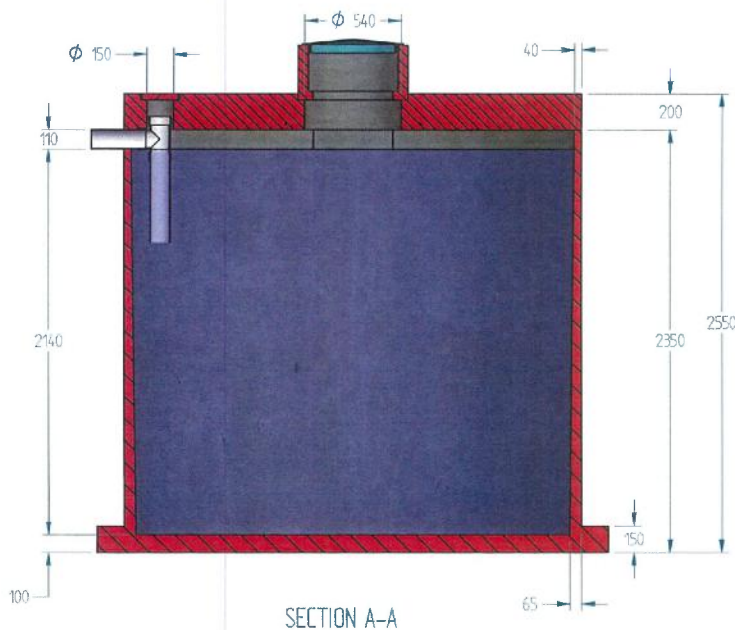
5

6



TANK TO BE MARKED
"INLET" ON TOP FACE OF LID
AND ADJACENT TO INLET

BAR
REINFORCEMENT
LAYOUT



SECTION A-A

TANK ALSO TO BE MARKED ON TOP FACE OF LID AND
ADJACENT TO INLET WITH:

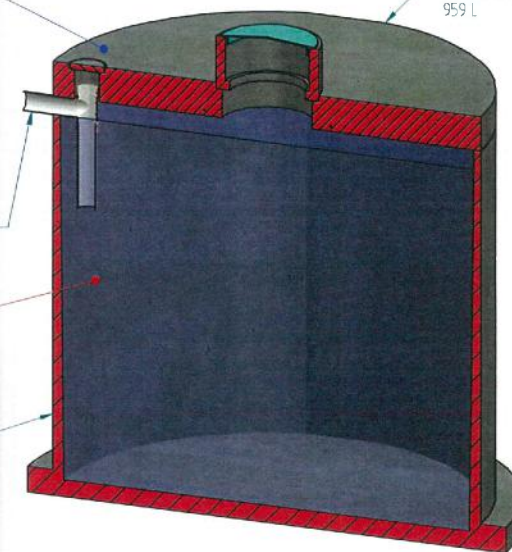
"ECONOCYCLE"
DATE OF MANUFACTURE
"CAPACITY = 9930L"
"THE LID IS NOT TO BE LOADED OR COVERED IN ANY
WAY OTHER THAN FOR INSPECTION"
"COMBINED TANK AND LID WEIGHT = 6000kg"

DWV 100mm SN6 PVC PIPE

CHAMBER VOLUME: 9930 L

CONCRETE VOLUME OF TANK:
1573 L

CONCRETE VOLUME OF LID
959 L



NOTES:

GENERAL

1. SEPTIC TANKS MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.12008

MARKING

TANK TO BE MARKED AS NOTED ON THIS DRAWING

CONCRETE:

1. CONCRETE STRENGTH $F_c = 40\text{MPa}$
2. SLUMP = 100mm
3. MAXIMUM AGGREGATE SIZE = 10mm
4. CONCRETE TO BE VIBRATED TO ENSURE THOROUGH COMPACTION
5. TANKS TO BE REINFORCED WITH FIBRE STEEL OF 600MPa MINIMUM TENSILE STRENGTH - OR EQUIVALENT, MIXED TO ACHIEVE A MINIMUM OF 75kg/m³ OF CONCRETE
6. LID TO BE REINFORCED WITH TWO LAYERS OF S172 STEEL MESH 30mm ABOVE THE BOTTOM
7. LARGE LID INSPECTION HOLE TO BE REINFORCED WITH R12 DEFORMED BAR AS SHOWN
8. ALL STEEL REINFORCEMENT TO AS/NZS 4671

ATTACHMENTS:

1. LIFTING HOOKS TO BE 'REID SWIFT' LIFTS 4 x 25t (TONNE), ANCHORS TO BE CAST INTO THE BASE OF THE TANK
2. 3 x 13 tonne ANCHORS TO BE CAST INTO THE TANK LIDS

HYDROSTATIC UPLIFT:

1. ANCHORAGE SHALL BE PROVIDED ON TANKS THAT ARE INSTALLED OTHER THAN ABOVE GROUND AND WHEN THEY ARE NOT PERMANENTLY FILLED TO THE FULL HEIGHT SHOWN ON THIS DRAWING.

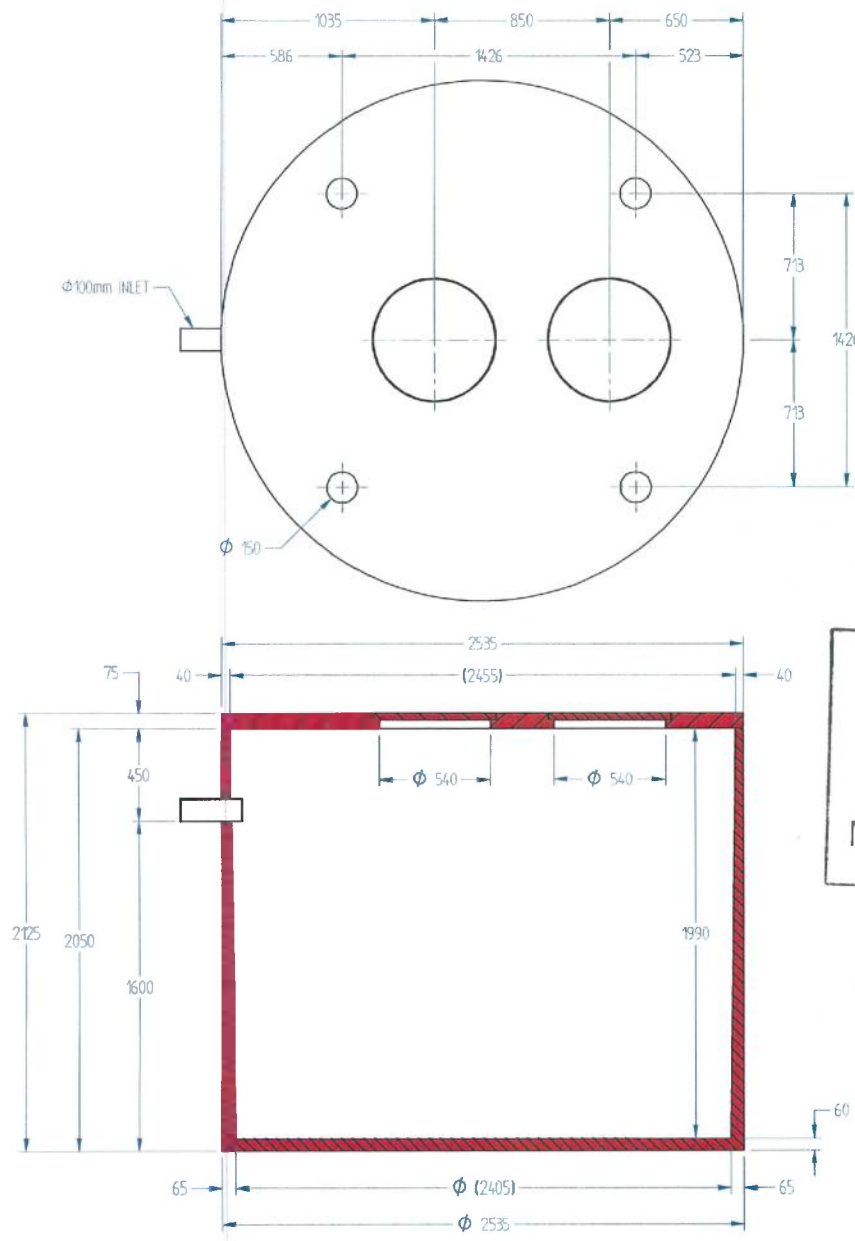
APPROVED

- 3 JUL 2018

NSW MINISTRY OF HEALTH

MASS: 5906 kg

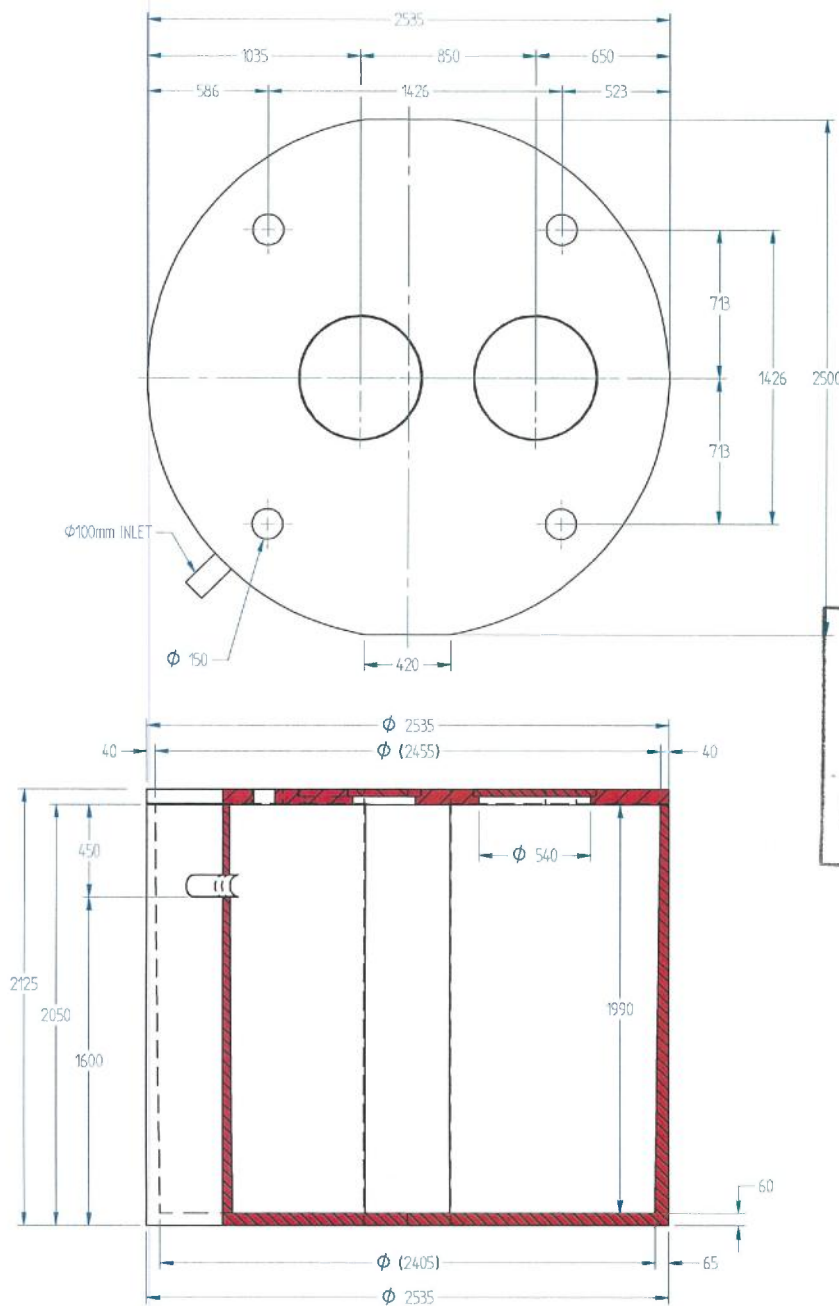
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- NOTES:**
1. SEPTIC TANKS TO BE MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.1:2008
 2. CONCRETE STRENGTH = 40MPa
 3. CONCRETE TO BE VIBRATED TO ENSURE WELL COMPACTED CONCRETE
 4. TANKS TO BE REINFORCED WITH FIBRE STEEL
 5. LIFTING TO BE "REID SWIFT LIFTS" 4 x 2.5 TONNE FOOT ANCHORS CAST INTO BASE OF THE TANK, 3 x 13 TONNE ANCHORS CAST INTO TANK LIDS

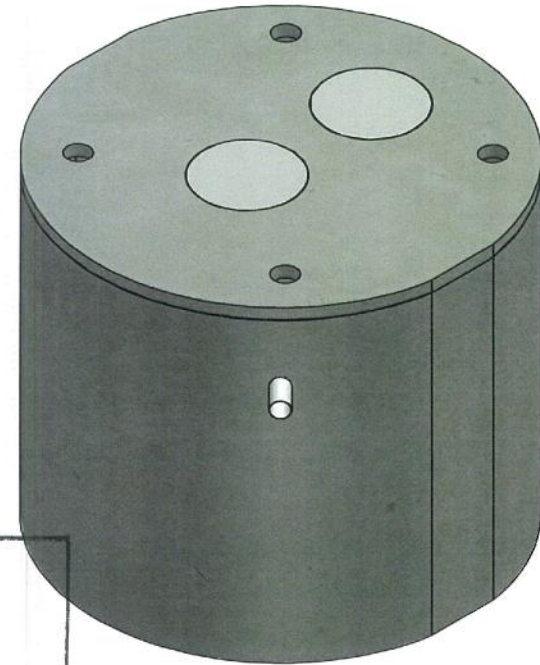
Econocycle <small>AERATED WASTEWATER TREATMENT SYSTEMS</small>		PROJECT: COLLECTION WELL	
		TITLE: 7000L CONCRETE TANK ASSY NSW HEALTH CERTIFICATION DRAWING	
COPYRIGHT <small>THIS DRAWING IS THE PROPERTY OF ECONOCYCLE AND CANNOT BE COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION</small>	SCALE: DO NOT SCALE DRAWN BY: P. MCKAY MODELLED BY: P. MCKAY	DATE PLOTTED: 27/07/2010	SHEET SIZE: A3
		COAT/TREAT: - PART: 124_0910 REVISION: 1.0 SHEET NO: 1 OF 1	



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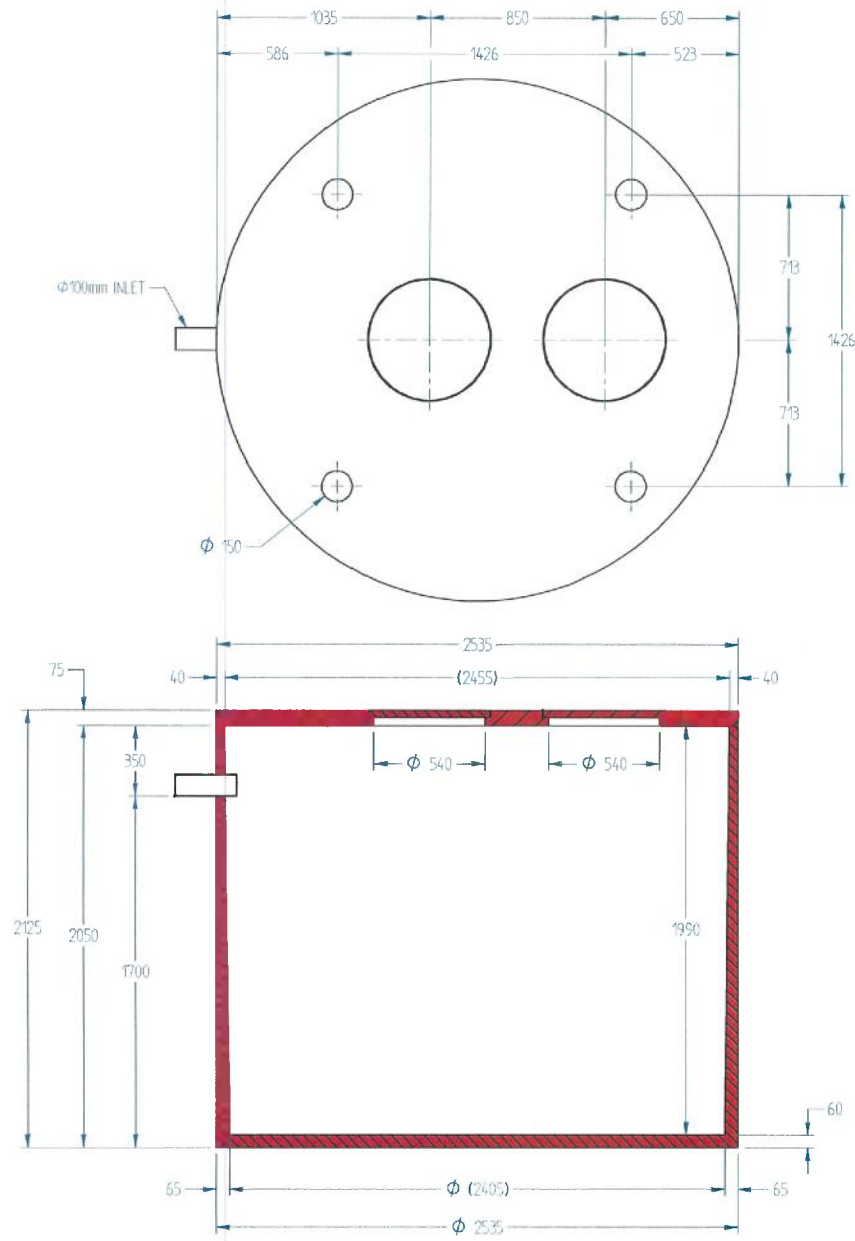
NSW MINISTRY OF HEALTH



NOTES:

1. SEPTIC TANKS TO BE MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.1:2008
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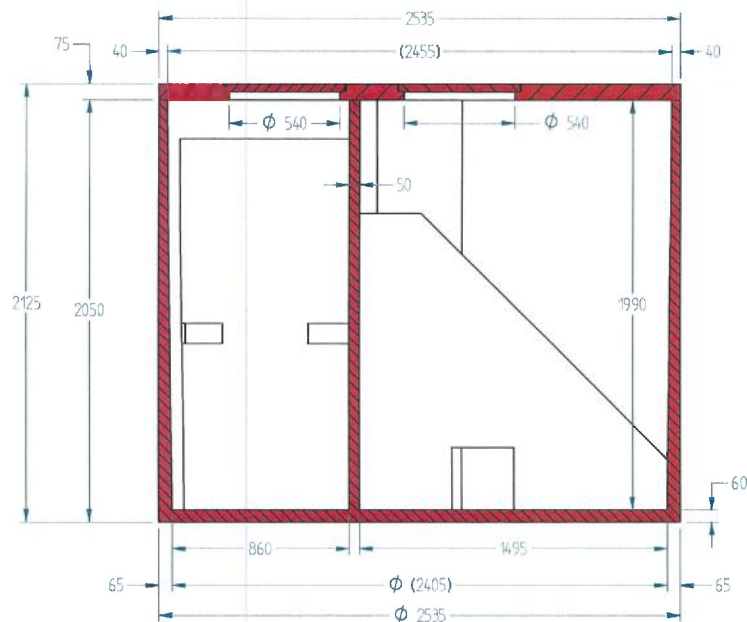
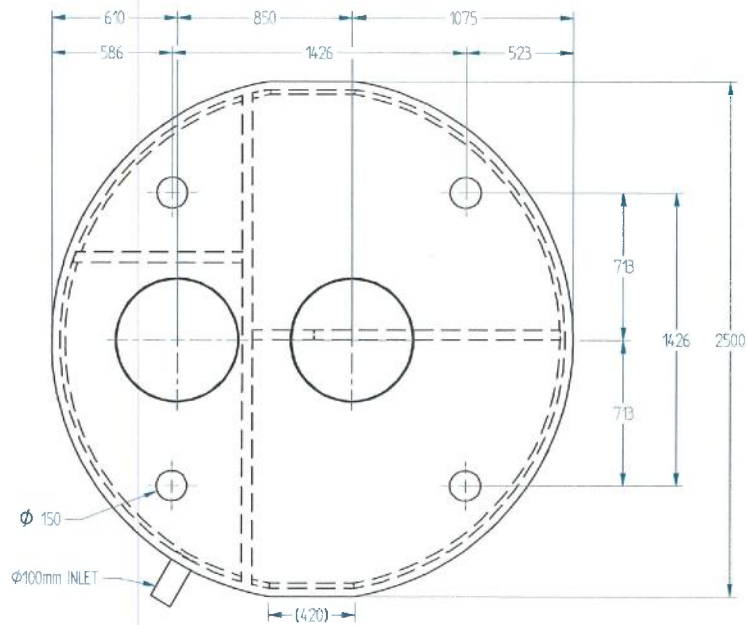
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PART#: 124_0910		REVISION: B.2 SHEET NO: 1 OF 1	



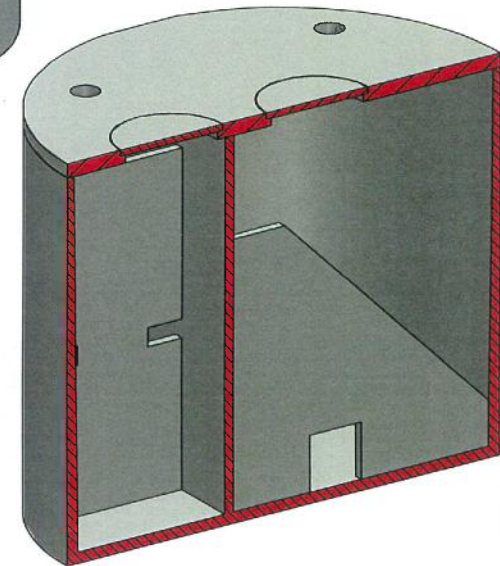
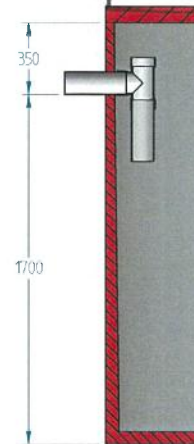
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- 3 JUL 2018
NSW MINISTRY OF HEALTH

- NOTES:
1. SEPTIC TANKS TO BE MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.1:2008
 2. CONCRETE STRENGTH = 40MPa
 3. CONCRETE TO BE VIBRATED TO ENSURE WELL COMPACTED CONCRETE
 4. TANKS TO BE REINFORCED WITH FIBRE STEEL
 5. LIFTING TO BE "REID SWIFT LIFTS" 4 x 2.5 TONNE FOOT ANCHORS CAST INTO BASE OF THE TANK, 3 x 1.3 TONNE ANCHORS CAST INTO TANK LIDS

Econocycle AERATED WASTEWATER TREATMENT SYSTEMS		PROJECT: COLLECTION WELL TITLE: 7300L CONCRETE TANK ASSY NSW HEALTH CERTIFICATION DRAWING	
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124_1110		1.B	



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NOTES:

1. SEPTIC TANKS TO BE MANUFACTURED AND TESTED IN ACCORDANCE WITH AS/NZS 1546.1:2008
2. CONCRETE STRENGTH = 40MPa
3. CONCRETE TO BE VIBRATED TO ENSURE WELL COMPACTED CONCRETE
4. TANKS TO BE REINFORCED WITH FIBRE STEEL
5. LIFTING TO BE "REID SWIFT LIFTS" 4 x 2.5 TONNE FOOT ANCHORS CAST INTO BASE OF THE TANK, 3 x 13 TONNE ANCHORS CAST INTO TANK LIDS

Econocycle AERATED WASTEWATER TREATMENT SYSTEMS		PROJECT: PUMPOUT COMBO TITLE: 7100L CONCRETE TANK ASSY NSW HEALTH CERTIFICATION DRAWING	
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