



TREATMENT PERFORMANCE RESULTS

PIA-SR66-2407-1052, shared itt

utp umwelttechnik pöhl GmbH

Weidenberger Str. 2-4, 95517 Seybothenreuth, Germany

EN 12566-3 Annex B

Results corresponding to EN 12566-3 and S.R. 66

Small wastewater treatment system Euro Bio Corcoran_o
Sequencing batch reactor (SBR) process (initial type test)
in combination with Corcoran Concrete tanks

Distributed by

Ireland Waste Water

Coverhill, Ballymartle, Riverstick, Co. Cork, Ireland

Nominal organic daily load (influent)	0.26 kg BOD ₅ /d		
Nominal hydraulic daily load	0.90 m ³ /d		
Treatment efficiency (nominal sequences)	COD	Efficiency 94.5 %	Effluent 35 mg/l
	BOD ₅	98.6 %	4 mg/l
	NH ₄ -N*	99.2 %	0.2 mg/l
	SS	96.5 %	11 mg/l
Electrical consumption	0.7 kWh/d		
Number of desludging	Not more than once		

* determined for temperatures $\geq 12^{\circ}$ C in the bioreactor

Tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

52074 Aachen, Germany

This document replaces neither the declaration
of performance nor the CE marking.



August 2024



Notified Body
No.: 1739



Certified according to
ISO 9001:2015



TREATMENT PERFORMANCE RESULTS

PIA-SR66-2407-1052, shared itt

Cocoran Precast Tanks

Ballybromell, Fenegh, Co. Carlow, Ireland

EN 12566-3 Annex A and C

Results corresponding to EN 12566-3 and S.R. 66

Corcoran Precast Tanks

Concrete Tank for SBR process in combination with
Euro Bio_D SBR treatment kit

Distributed by

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Coverhill, Ballymartle, Riverstick, Co. Cork, Ireland

Material	Concrete
Watertightness	Pass
Structural behaviour (crushing resistance)	Pass (also wet conditions)
Durability	Pass

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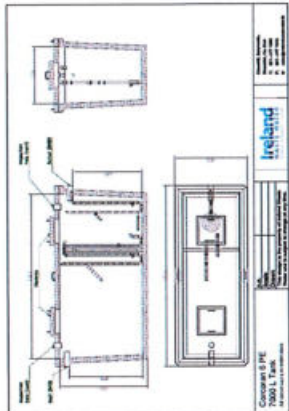
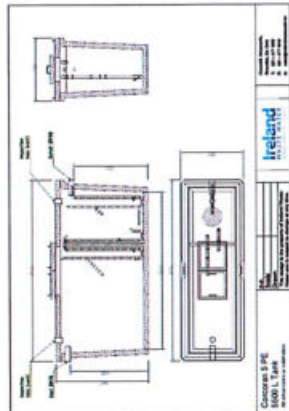


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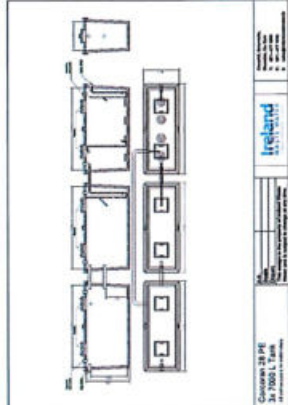
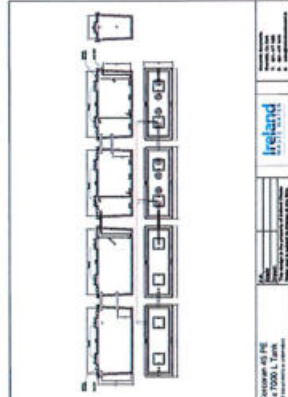


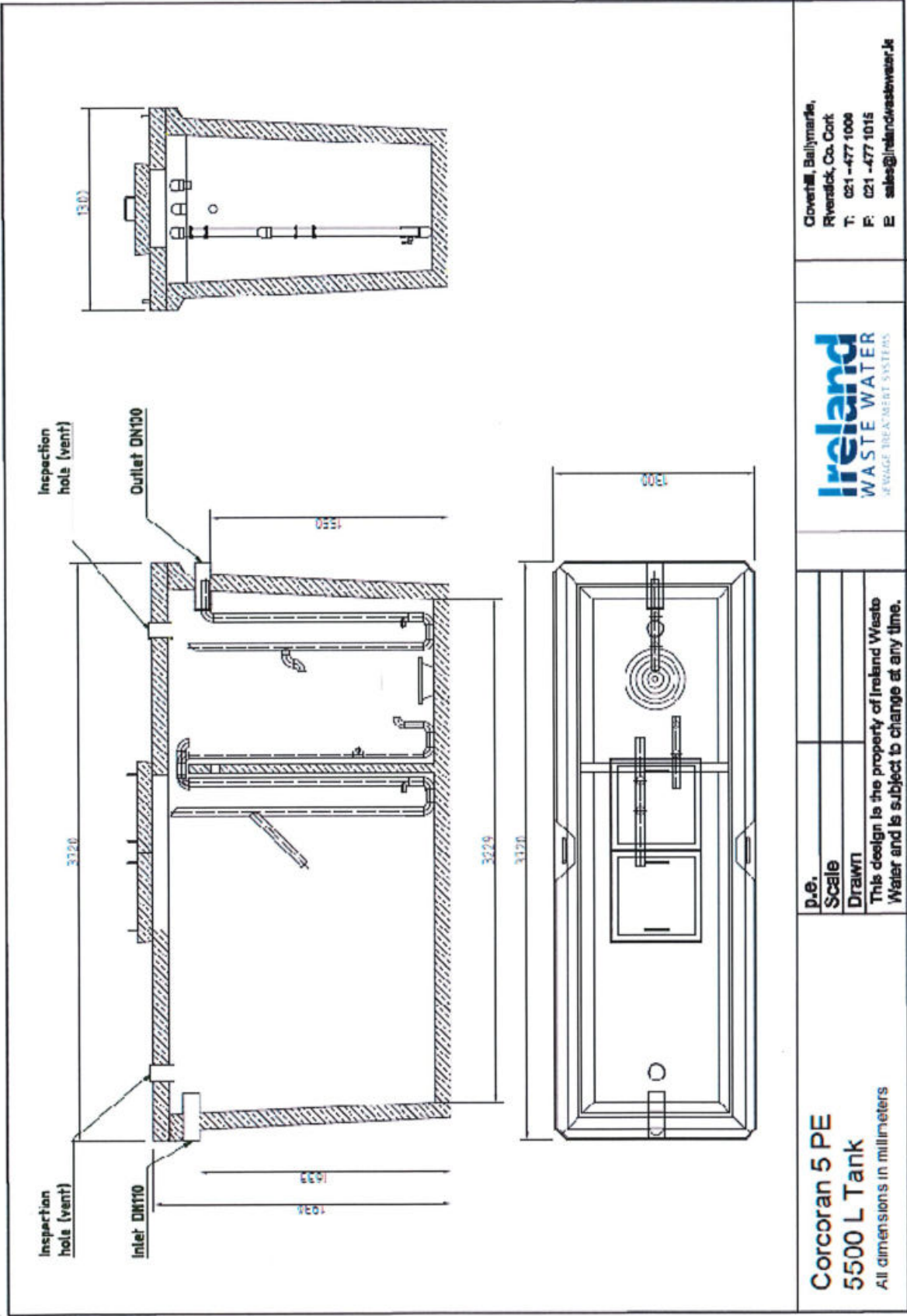
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SBR range shared ITT and its referring test reports:

Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
Initial type test (ITT) 6	Not relevant	Not relevant	Pass PIA2008-074B36	Not relevant	Not relevant
Compared Tank 6 900 l/d		Pass PIA2017-WD - 1606-1074.01	Pass Shared itt conformity check according to S.R. 66:2015	Pass PIA2016-ST-BT-1606-1074.01 For wet ground conditions also, 0.80 m installation depth from inlet invert	Pass PIA2017-DH-1606-1074.01
5 750 l/d		Pass PIA2017-WD - 1606-1074.01	Pass Range conformity check according to S.R. 66:2015	Pass For wet ground conditions also, 0.80 m installation depth from inlet invert	Pass PIA2017-DH-1606-1074.01

<p>11</p> <p>1,650 l/d</p>		<p>Pass</p> <p>PIA2017-WD - 1606-1074.01</p>	<p>Pass</p> <p>Range conformity check according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, 0.80 m installation depth from inlet invert</p>	<p>Pass</p> <p>PIA2017-DH-1606-1074.01</p>
<p>15</p> <p>2,250 l/d</p>		<p>Pass</p> <p>PIA2017-WD - 1606-1074.01</p>	<p>Pass</p> <p>Range conformity check according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, 0.80 m installation depth from inlet invert</p>	<p>Pass</p> <p>PIA2017-DH-1606-1074.01</p>
<p>19</p> <p>2,850 l/d</p>		<p>Pass</p> <p>PIA2017-WD - 1606-1074.01</p>	<p>Pass</p> <p>Range conformity check according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, 0.80 m installation depth from inlet invert</p>	<p>Pass</p> <p>PIA2017-DH-1606-1074.01</p>

<p>28 4,200 l/d</p>		<p>Pass PIA2017-WD - 1606-1074.01</p>	<p>Pass Range conformity check according to S.R. 66:2015</p>	<p>Pass For wet ground conditions also, 0.80 m installation depth from inlet invert</p>	<p>Pass PIA2017-DH-1606-1074.01</p>
<p>45 6,750 l/d</p>		<p>Pass PIA2017-WD - 1606-1074.01</p>	<p>Pass Range conformity check according to S.R. 66:2015</p>	<p>Pass For wet ground conditions also, 0.80 m installation depth from inlet invert</p>	<p>Pass PIA2017-DH-1606-1074.01</p>



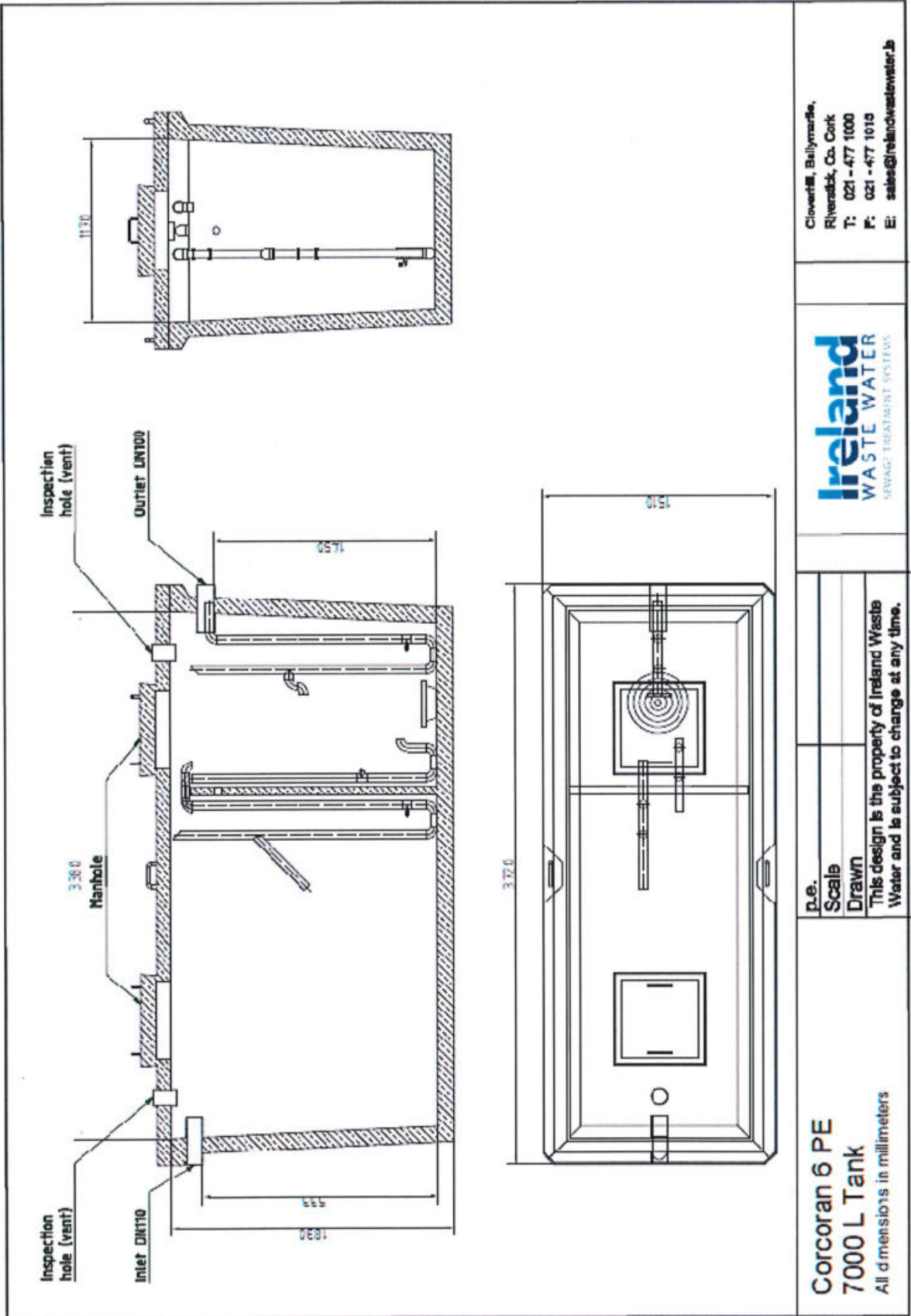
Corcoran 5 PE
5500 L Tank
 All dimensions in millimeters

p.e.
 Scale
 Drawn

This design is the property of Ireland Waste
 Water and is subject to change at any time.



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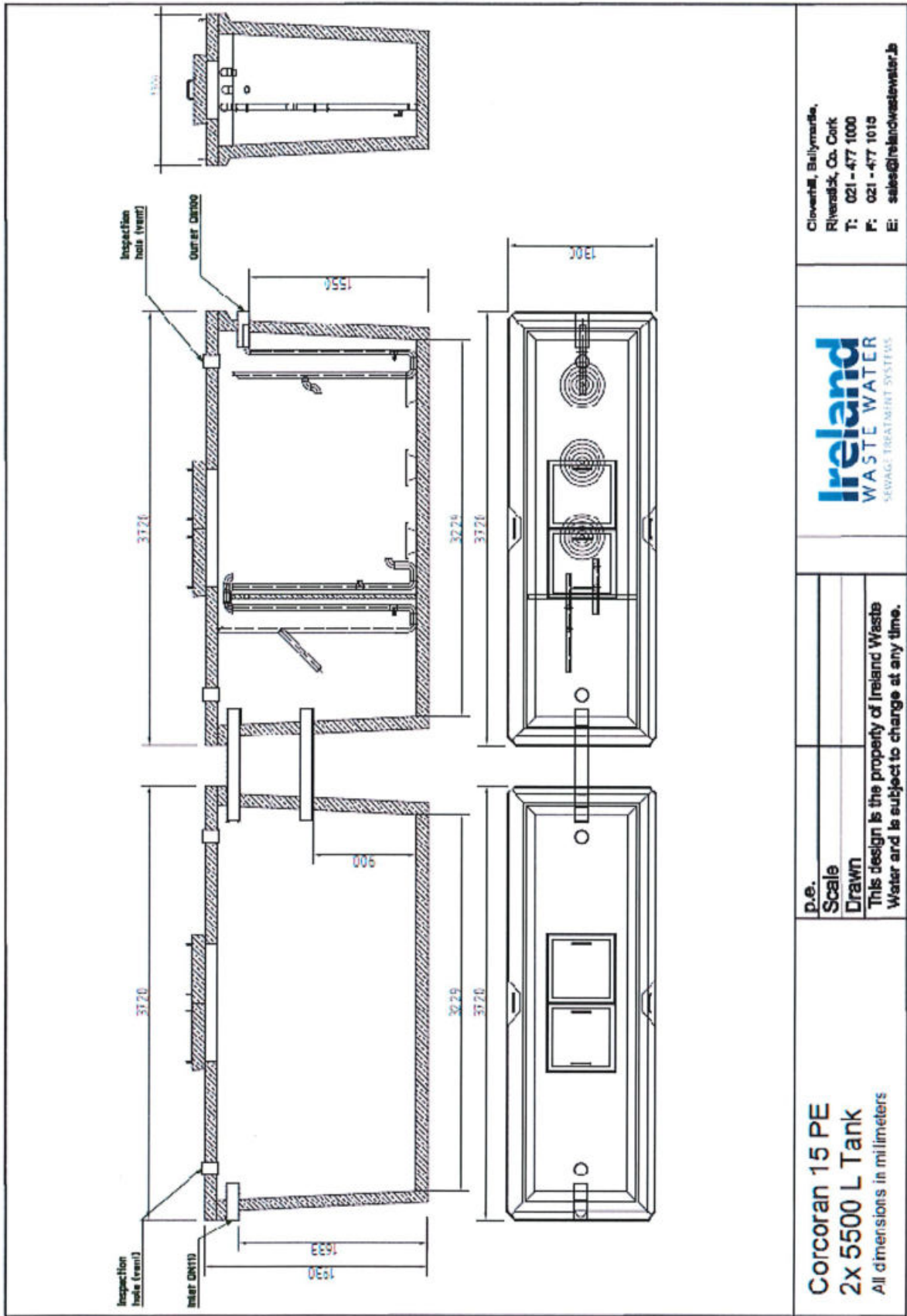


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Corcoran 6 PE
7000 L Tank
 All dimensions in millimeters



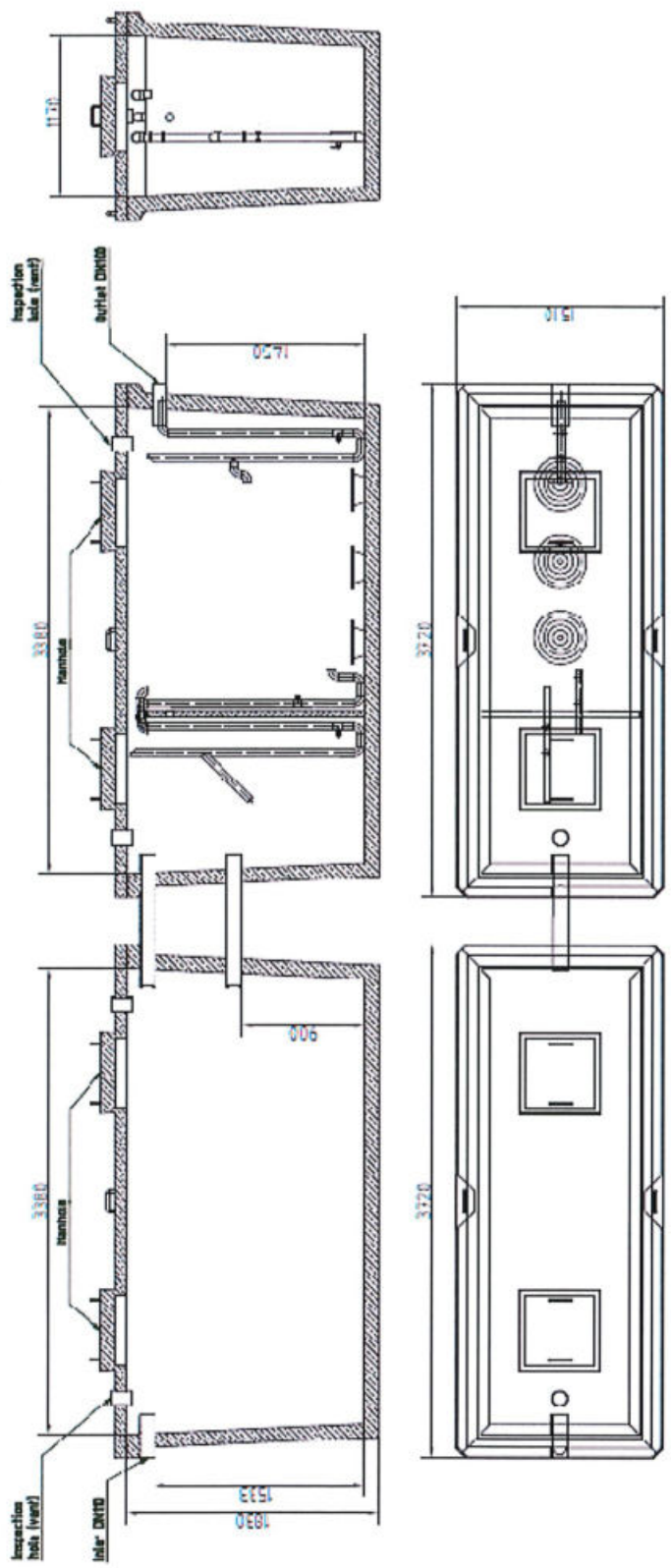
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 Scale
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Corcoran 15 PE
2x 5500 L Tank
 All dimensions in millimeters



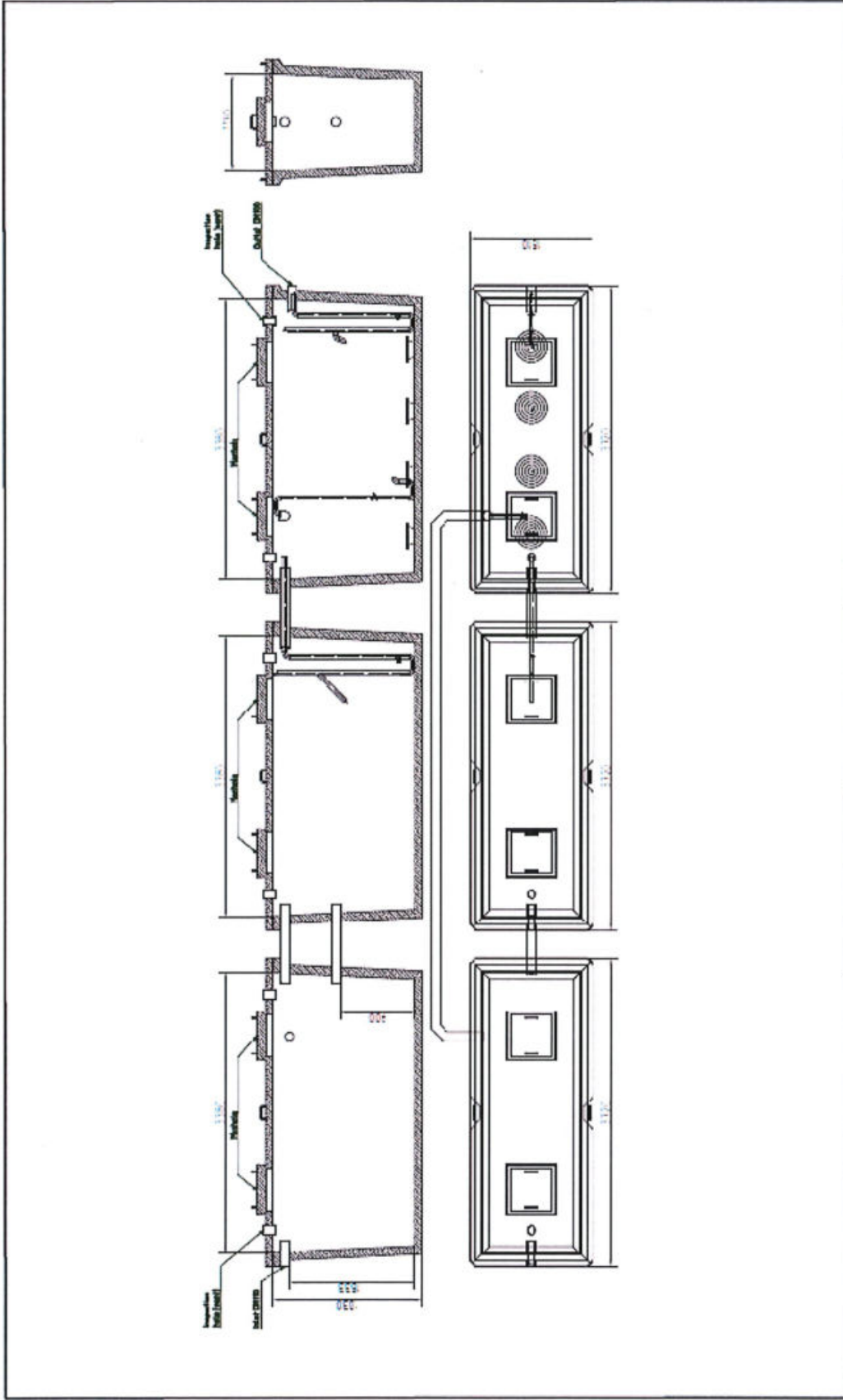
Corcoran 19 PE
2x 7000 L Tank
 All dimensions in millimeters

d.e.
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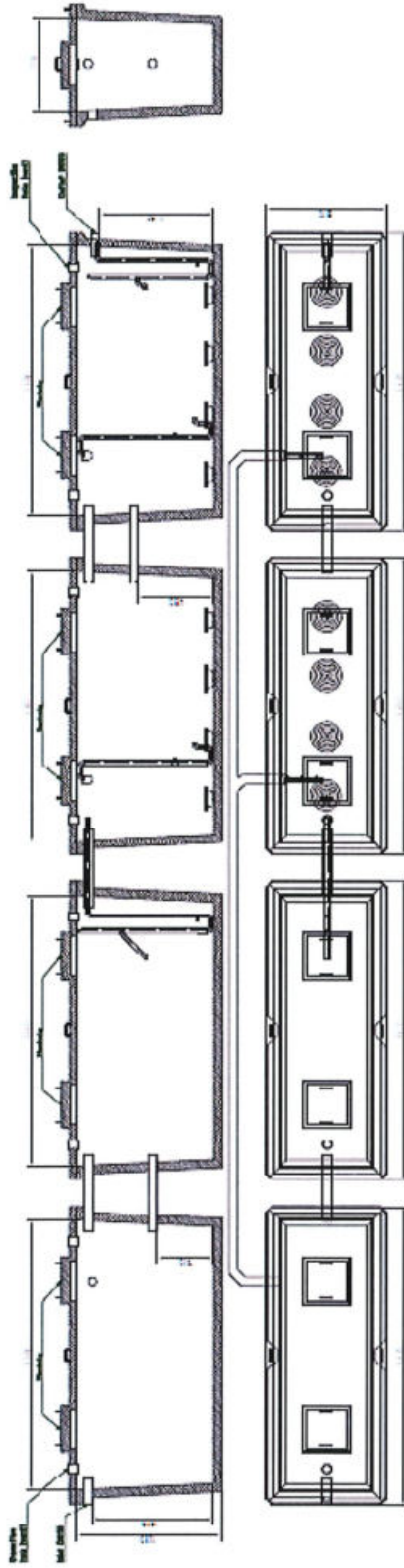
Corcoran 28 PE
3x 7000 L Tank
 All dimensions in millimeters

p.o.
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 Drawn

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Corcoran 45 PE
4x 7000 L Tank
 All dimensions in millimeters

p.e.
 Scale
 Drawn

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