TREATMENT PERFORMANCE RESULTS

PIA-SR66-2204-1025, shared itt

AQUATO® Umwelttechnologien GmbH
Distributed by **JCR WATER IRL/UK**
Ernstmeierstraße 24, 32052 Herford, Germany

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

AQUATO® STABI-KOM
Sequential stabilizing activated sludge process (initial type test)
in combination with Shay Murtagh concrete tanks

Nominal organic daily load (influent)	0.237 kg BOD_5/d		
Nominal hydraulic daily load	0.60 m^3/d		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	95.1 %	37 mg/l
	BOD_5	99.0 %	4 mg/l
	NH_4-N*	98.4 %	1.0 mg/l
	SS	96.1 %	11 mg/l
Electrical consumption	0.67 kWh/d		

** determined for temperatures ⩾ 12 ° C in the bioreactor*

Tested by:

Materialforschungs- und Prüfanstalt an der Bauhaus-Universität Weimar
(MFPA Weimar)
Coudraystr. 9
99423 Weimar, Germany

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

PIA – Sustainable Certification
geprüft – tested – testé

Martina Wermter May 2022

TREATMENT PERFORMANCE RESULTS

PIA-SR66-2204-1025, shared itt

Shay Murtagh Ltd.
Distributed by **JCR WATER IRL/UK**
Raharney, Mullingar, Co. Westmeath, Ireland

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

Concrete tanks
Shay Murtagh concrete tanks in combination with
AQUATO® STABI-KOM treatment kit

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

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.

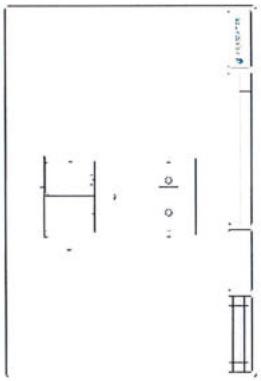
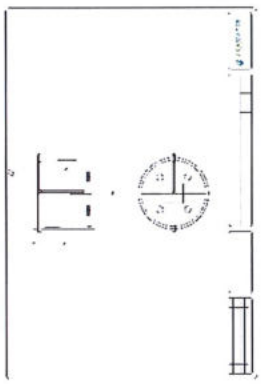
PIA – Sustainable Certification
geprüft – tested – testé

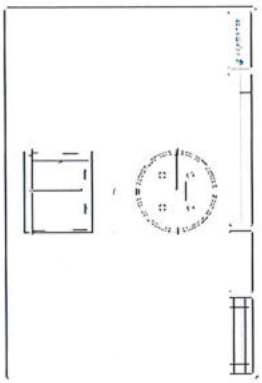
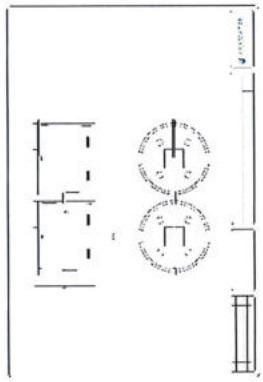
Daniela Schmitz May 2022

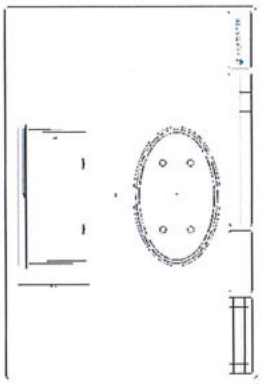
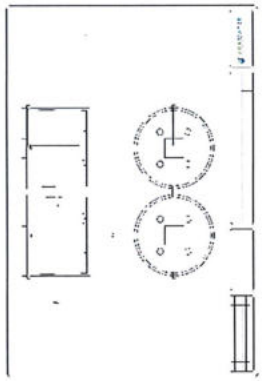
Notified Body
No.: 1739

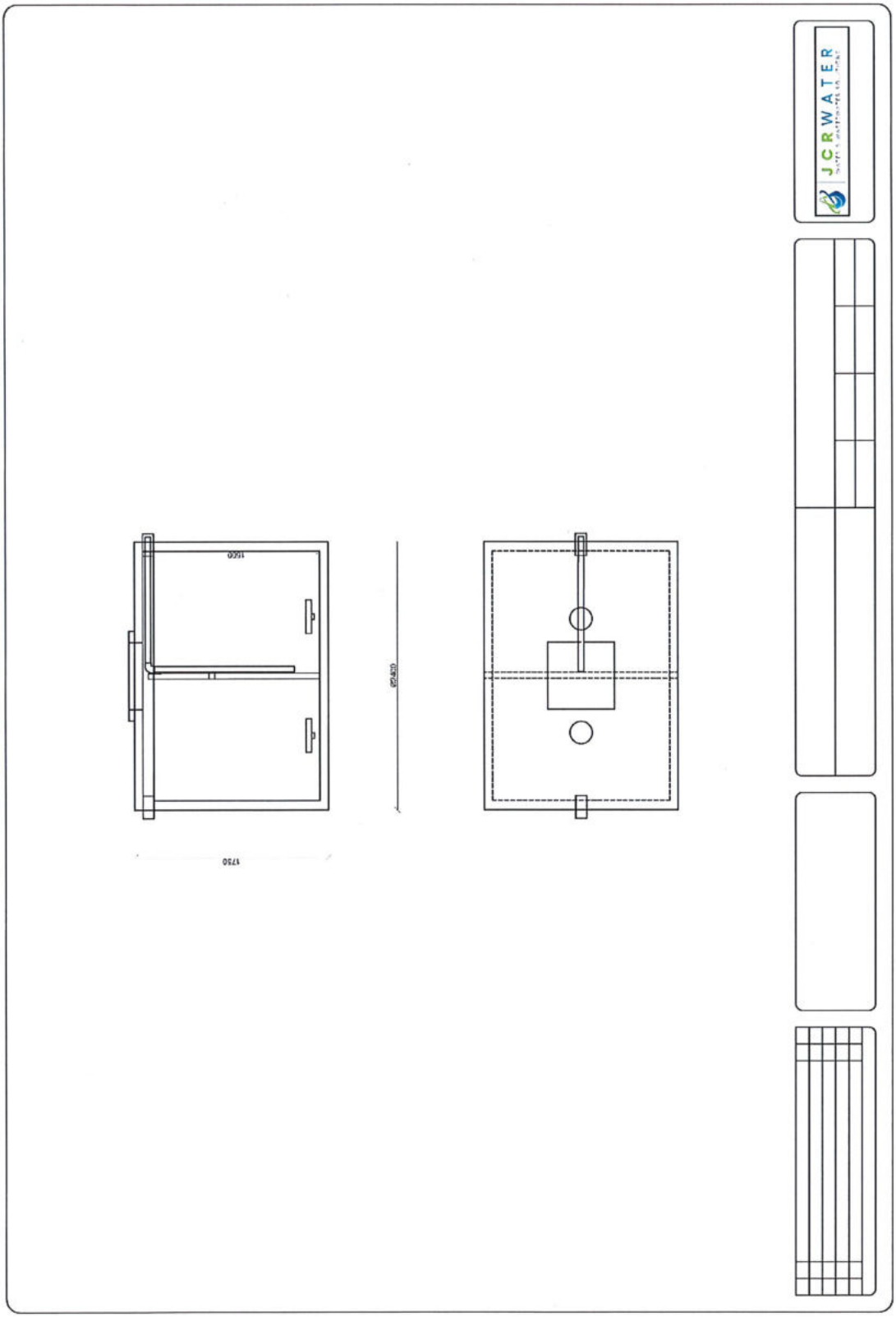
Certified according to
ISO 9001:2015

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) 4	Not relevant	Not relevant	Pass B 31.12.014.01	Not relevant	Not relevant
6		Pass PIA2011-WD/NC-1105-1031	Pass Shared itt conformity check according to S.R. 66:2015	Pass PIA2013-ST-BT-1305-1030 For wet ground conditions also, 0.70 m installation depth from inlet invert	Pass PIA2016-DH-1602-1025
12		Pass PIA2016-WD-1602-1025.01	Pass Range conformity check according to S.R. 66:2015	Pass PIA2016-ST-BT-1602-1025B.01 For wet ground conditions also, 0.70 m installation depth from inlet invert	Pass PIA2016-DH-1602-1025

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
18		Pass PIA2016-WD-1602-1025.01	Pass Range conformity check according to S.R. 66:2015	Pass PIA2016-ST-BT-1602-1025A.01 For wet ground conditions also, 1 m installation depth from inlet invert	Pass PIA2016-DH-1602-1025
24		Pass PIA2016-WD-1602-1025.01	Pass Range conformity check according to S.R. 66:2015	Pass PIA2016-ST-BT-1602-1025B.01 For wet ground conditions also, 0.70 m installation depth from inlet invert	Pass PIA2016-DH-1602-1025

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
35		Pass PIA2016-WD-1602-1025.01	Pass Range conformity check according to S.R. 66:2015	Pass PIA2016-ST-BT-1602-1025A.01 For wet ground conditions also, 1 m installation depth from inlet invert	Pass PIA2016-DH-1602-1025
37		Pass PIA2016-WD-1602-1025.01	Pass Range conformity check according to S.R. 66:2015	Pass PIA2016-ST-BT-1602-1025A.01 For wet ground conditions also, 1 m installation depth from inlet invert	Pass PIA2016-DH-1602-1025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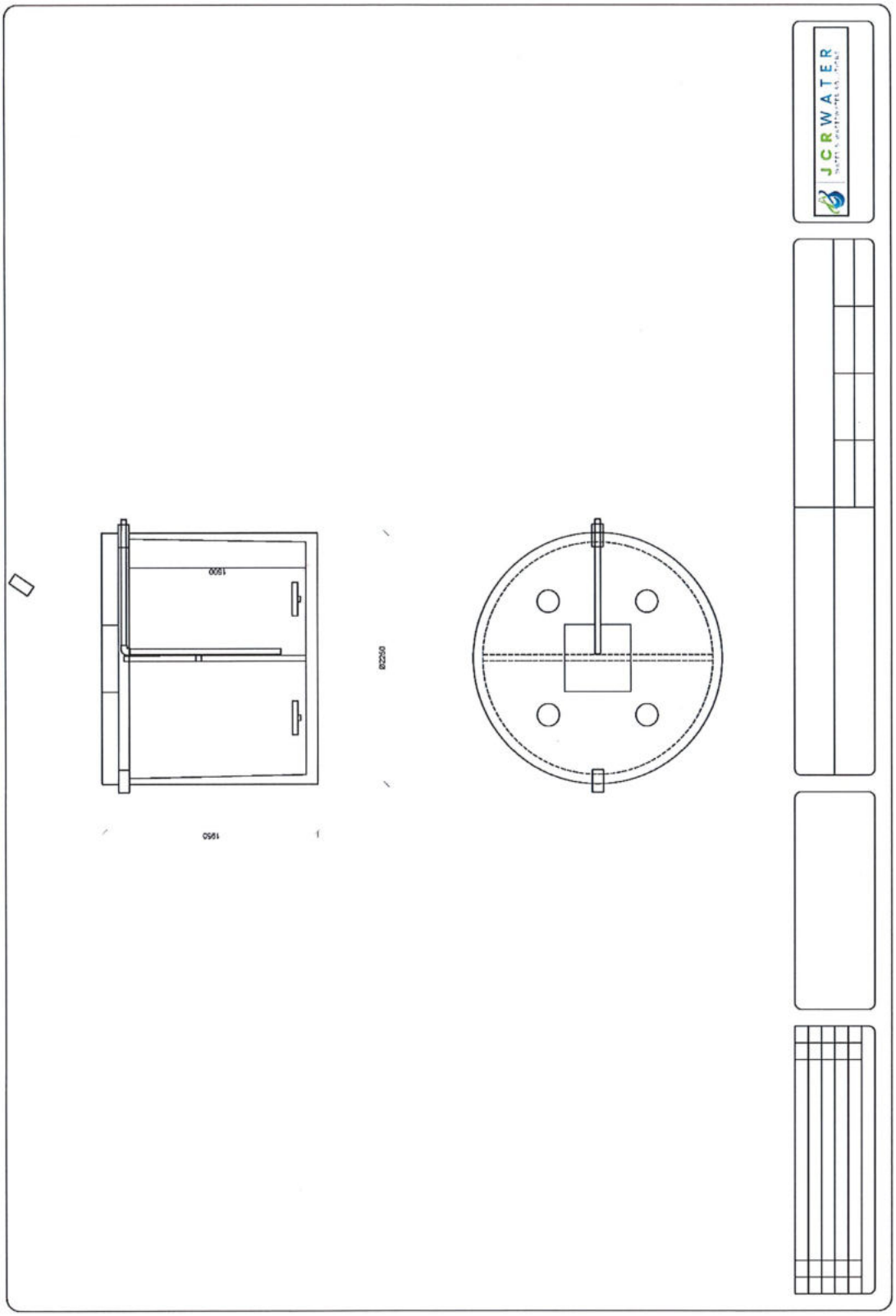
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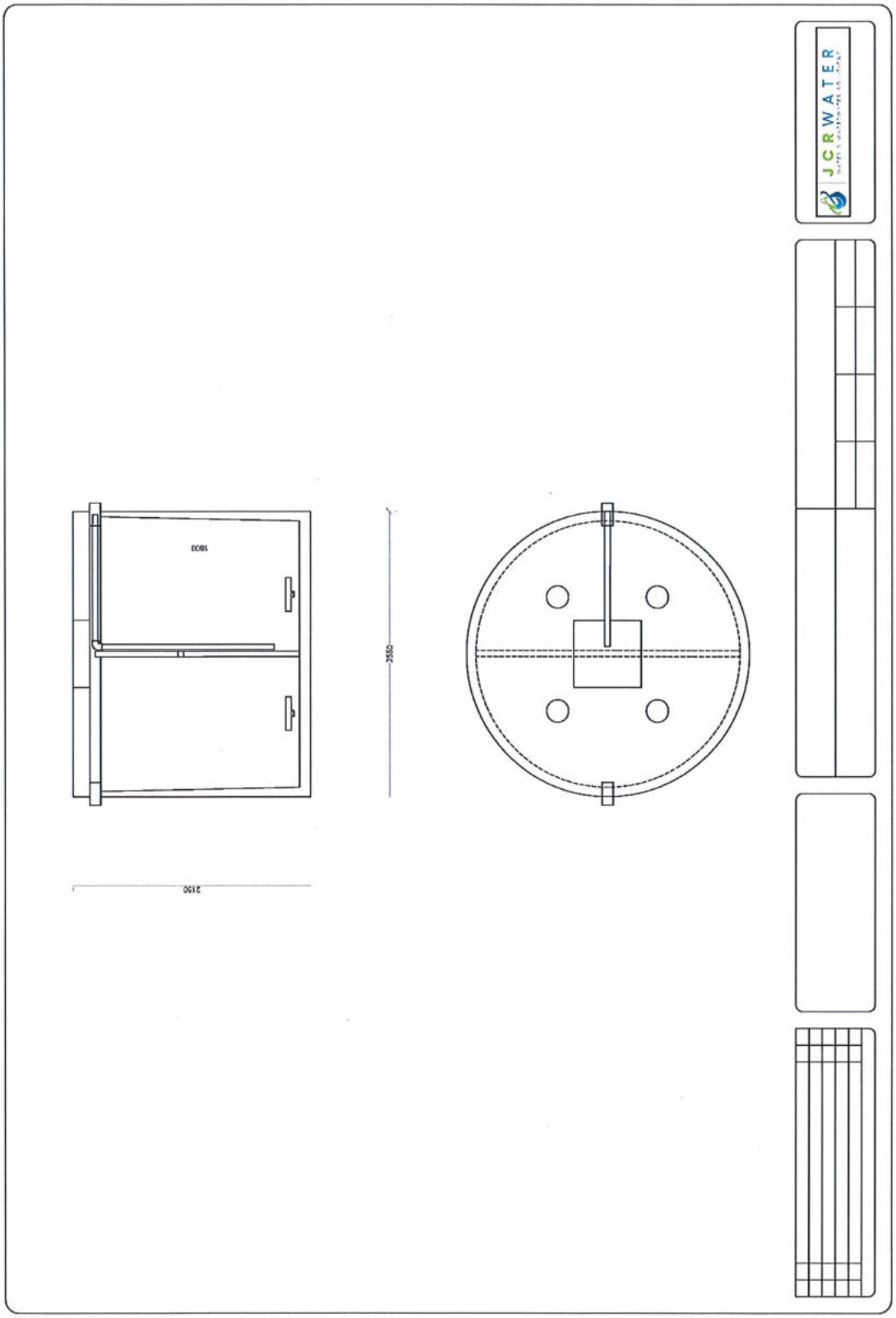
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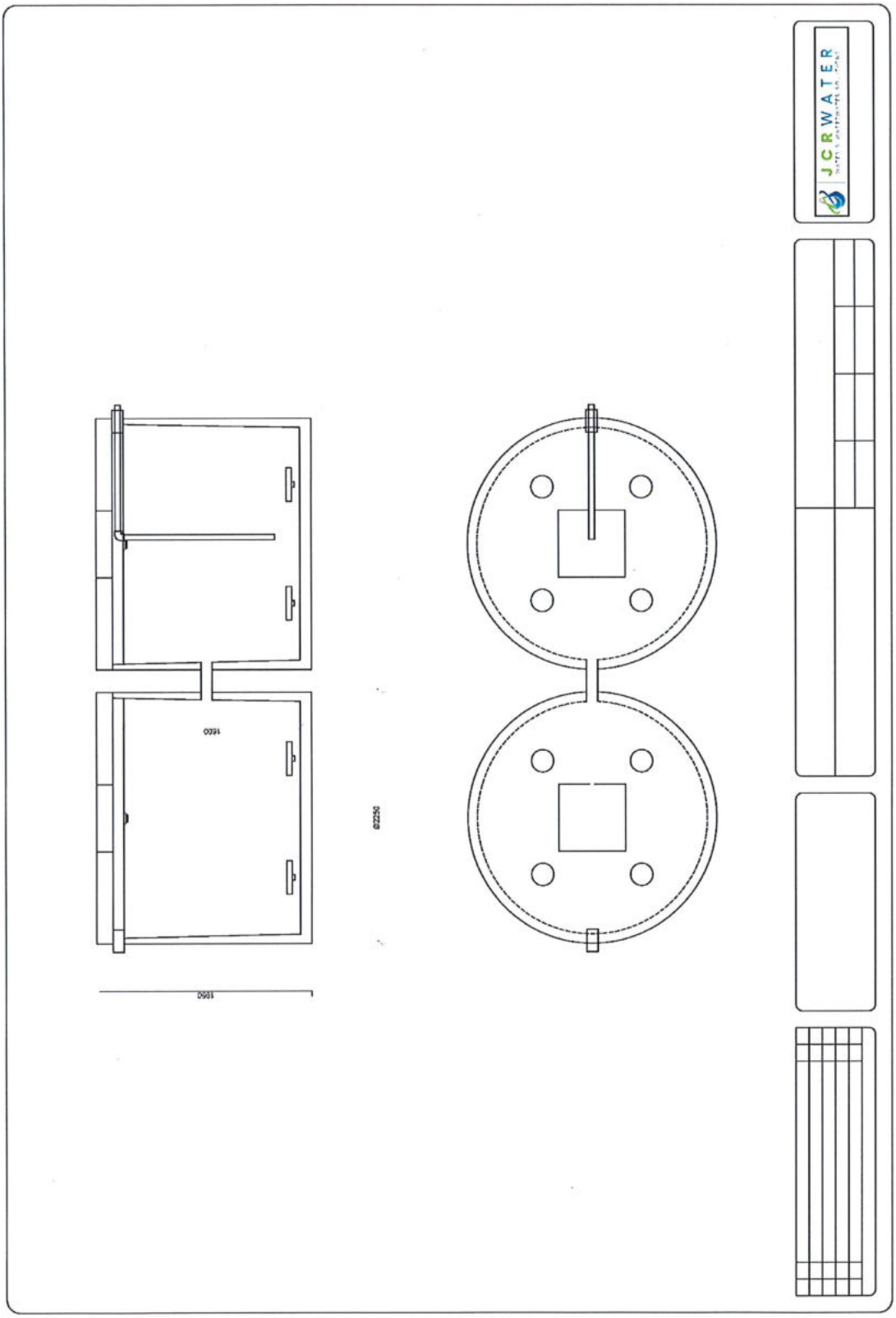
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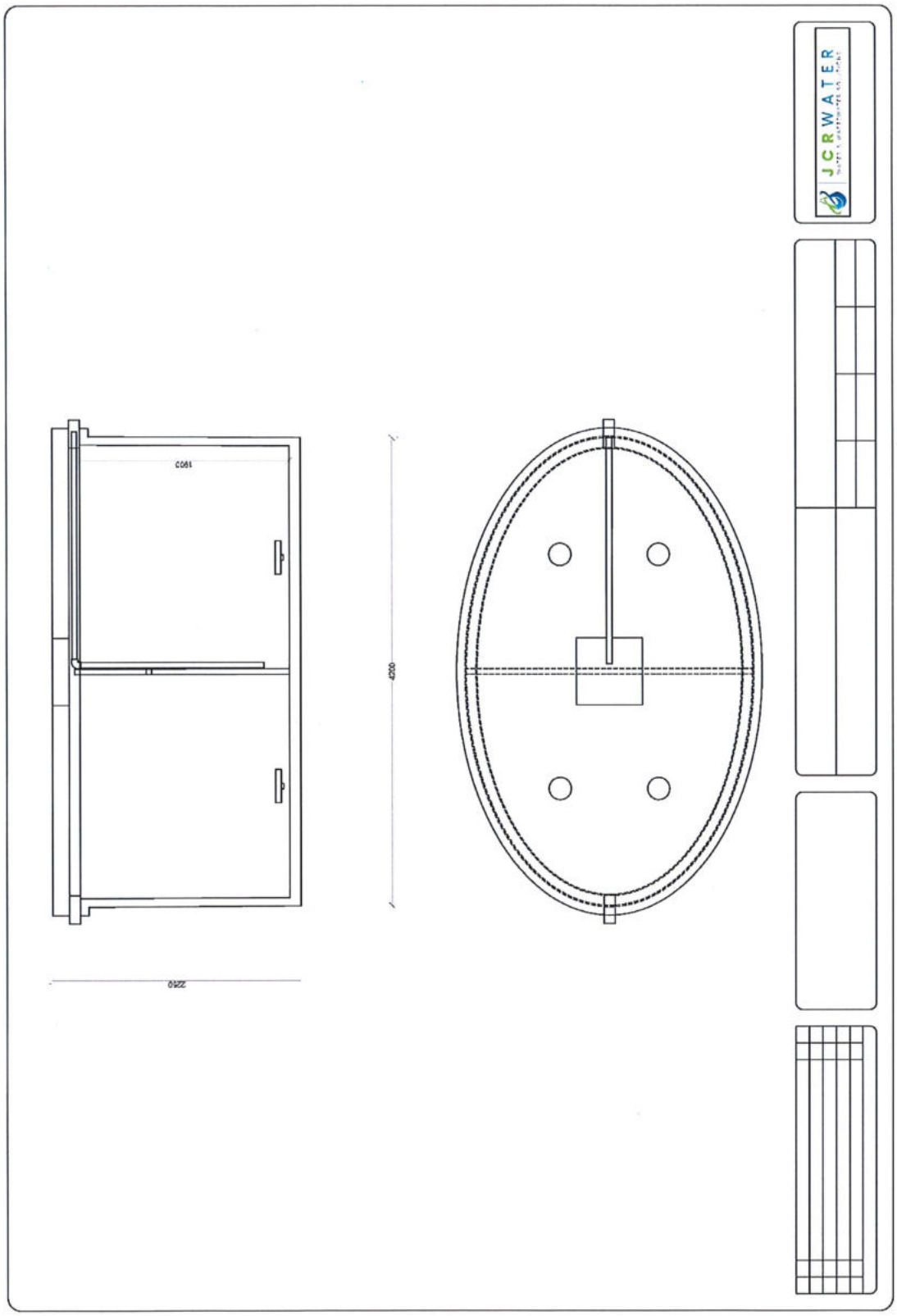
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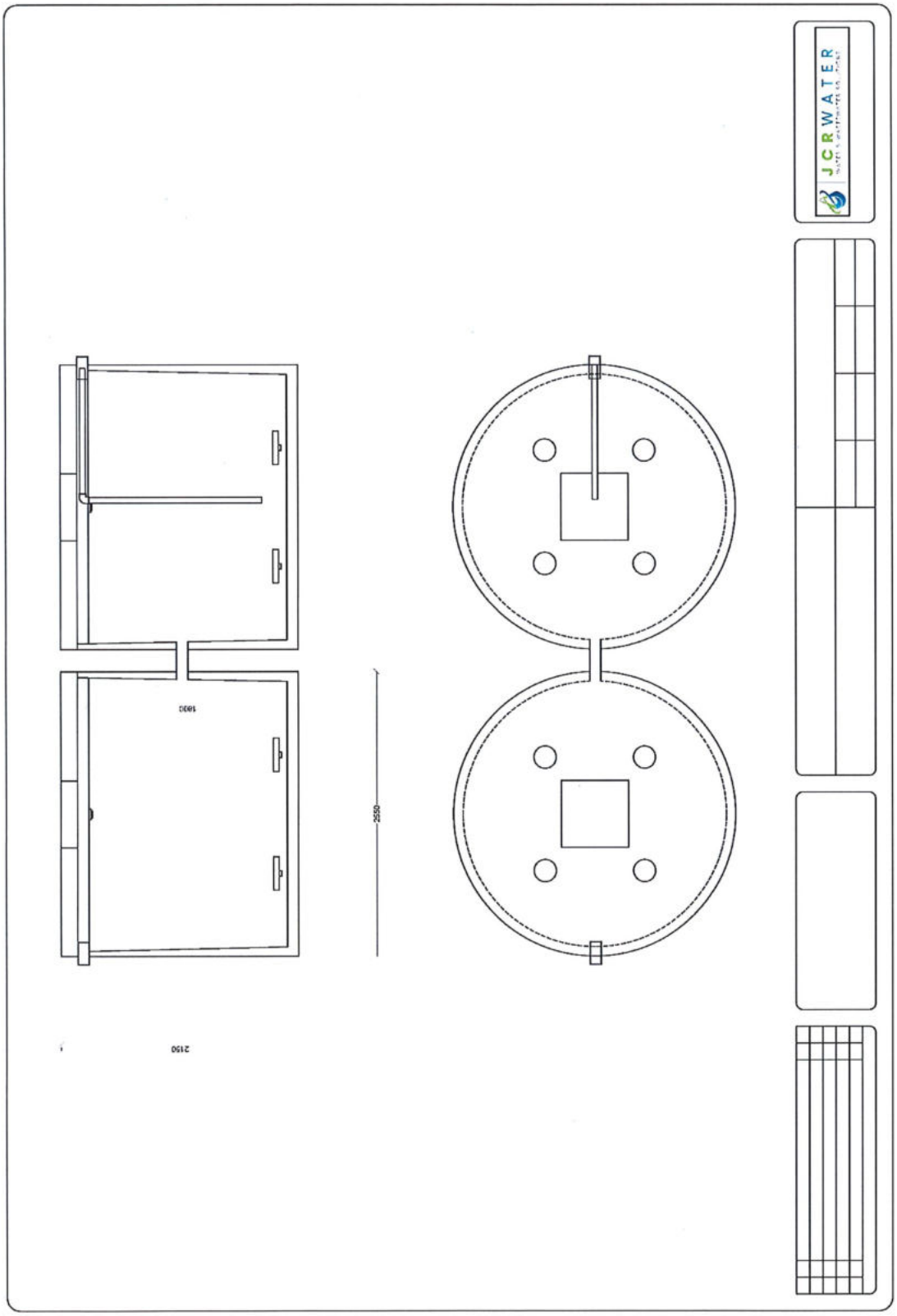
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