

TREATMENT PERFORMANCE RESULTS

Initial type test: **ATB Umwelttechnologien GmbH (now ATB WATER GmbH)**

Distributed by **CMD Environmental**

Südstr. 2, 32457 Porta Westfalica, Germany

EN 12566-3

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

PIA-SR66-1701-1006.02, shared itt

Aquamax

Sequence batch system from ATB (initial type test) in
 combination with PPR concrete tanks

Nominal organic daily load	0.22 kg/d		
Nominal hydraulic daily load	0.60 m³/d		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
	COD	91.6 %	52 mg/l
	BOD ₅	97.8 %	7 mg/l
	NH ₄ -N	98.2 %	1.2 mg/l
	SS	91.3 %	24 mg/l
Number of desludging	Not more than once		
Electrical consumption	2.1 kWh/d		

Performance tested by:

**MFPA- Materialforschungs- und Prüfanstalt
 an der Bauhaus-Universität Weimar**

Coudrastr. 9

99423 Weimar, Germany

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



Notified Body
 No.: 1739



Certified according to
 ISO 9001:2008



Deutsche
 Akkreditierungsstelle
 D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH
M. Wermter
 geprüft - tested - teste
 Martina Wermter October 2018

TREATMENT PERFORMANCE RESULTS

Initial type test performed by **PPR Carlow Concrete Tanks**

Distributed by **CMD Environmental**

Drumberry, Bunclody, Co. Wexford, Ireland

EN 12566-3 Annex A and C

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

PIA-SR66-1701-1006.02, shared itt

PPR Concrete Tanks

PPR Concrete Tanks in combination with

ATB treatment kit Aquamax (sequence batch system)

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

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH

(PIA GmbH)

Hergenrather Weg 30

52074 Aachen, Germany

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of performance nor the CE marking.



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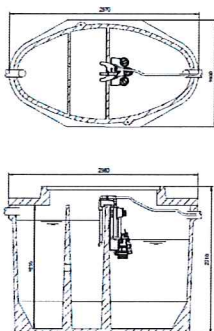
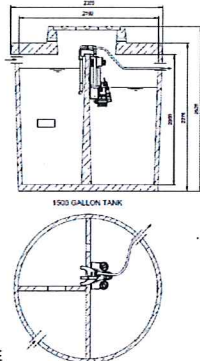
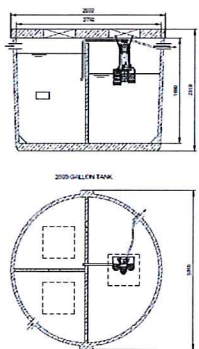
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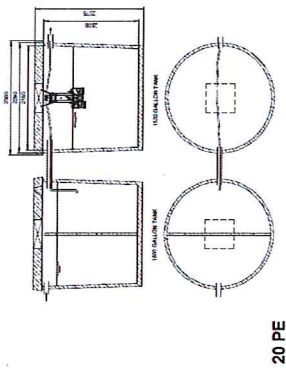
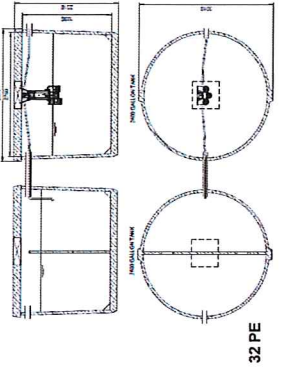


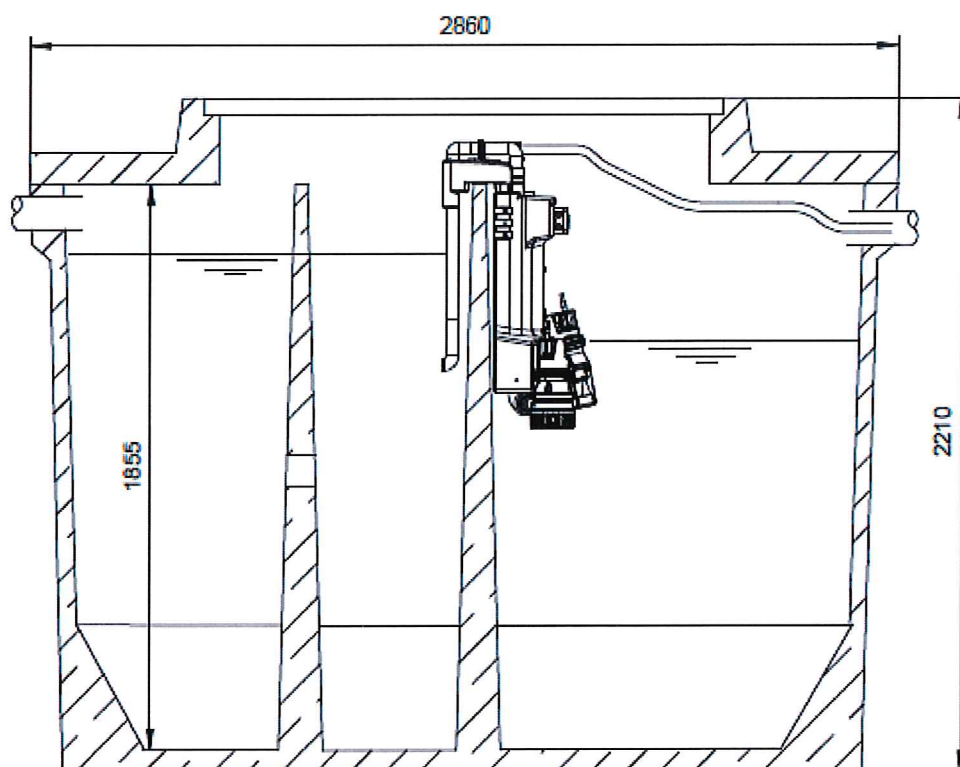
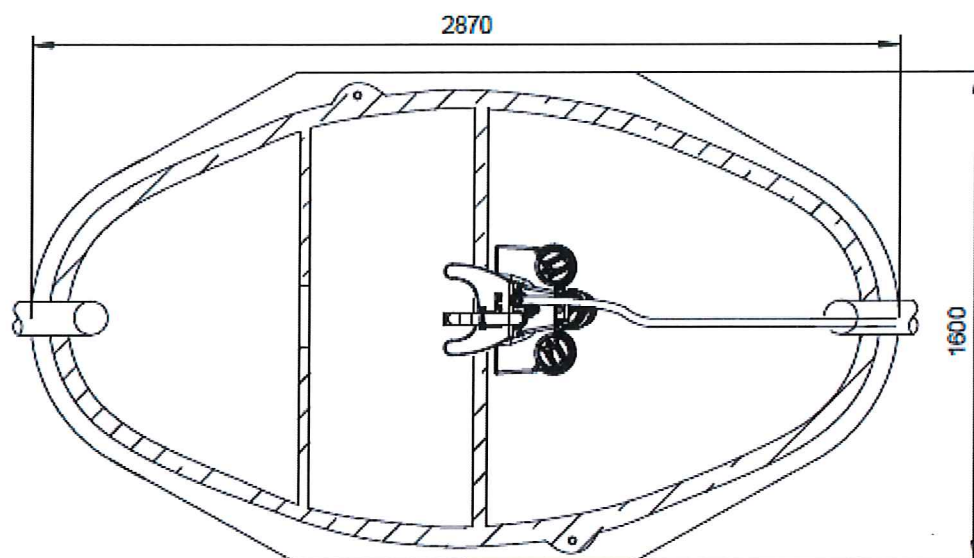
Daniel Verschitz

October 2018

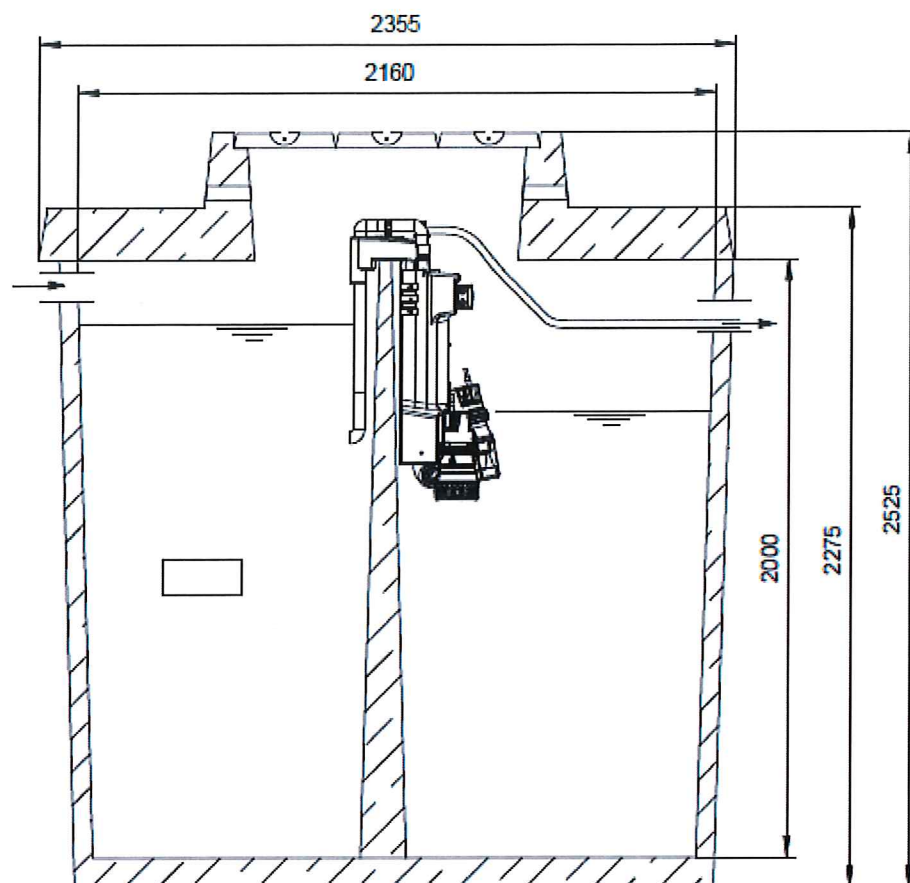
Aquamax range shared ITT and its referring test reports:

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	Pass B31.06. 109.01	not relevant	not relevant
Compared tank 4	 04 PE	Pass PIA2012-WD-1203-1017 PIA2013-WD-1203-1017	Pass Shared ITT conformity check according to S.R. 66:2015	Pass For wet ground conditions also, installation depth 1.25 m from inlet invert	PIA2016-DH-1601-1003.01
6	 06 PE	Pass PIA2012-WD-1203-1017 PIA2013-WD-1203-1017	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, installation depth 1.25 m from inlet invert	PIA2016-DH-1601-1003.01
16	 16 PE	PIA2012-WD-1203-1017 PIA2013-WD-1203-1017	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, installation depth 1.25 m from inlet invert	PIA2016-DH-1601-1003.01

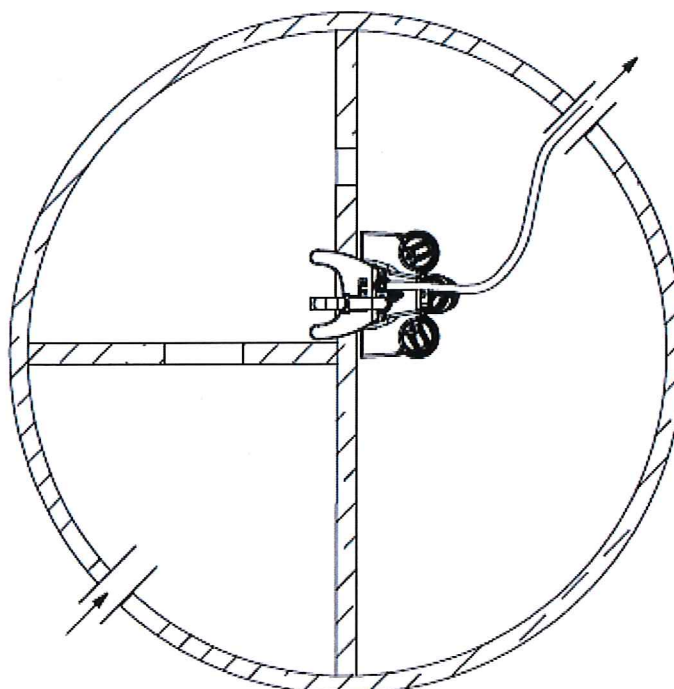
Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
20		PIA2012-WD-1203-1017 PIA2013-WD-1203-1017	Pass Range conformity according to S.R. 66:2015	Pass For wet ground conditions also, installation depth 1.25 m from inlet invert	PIA2016-DH-1601-1003.01
32		PIA2012-WD-1203-1017 PIA2013-WD-1203-1017	Pass Range conformity according to S.R. 66:2015	Pass PIA2009-ST-AT0710-1012 For wet ground conditions also, installation depth 1.25 m from inlet invert	PIA2016-DH-1601-1003.01



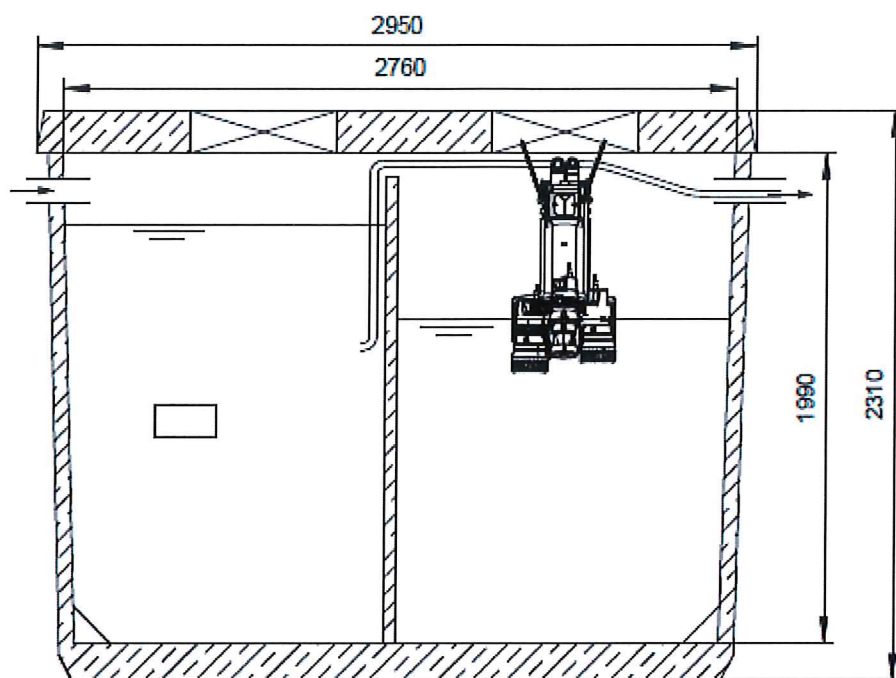
04 PE



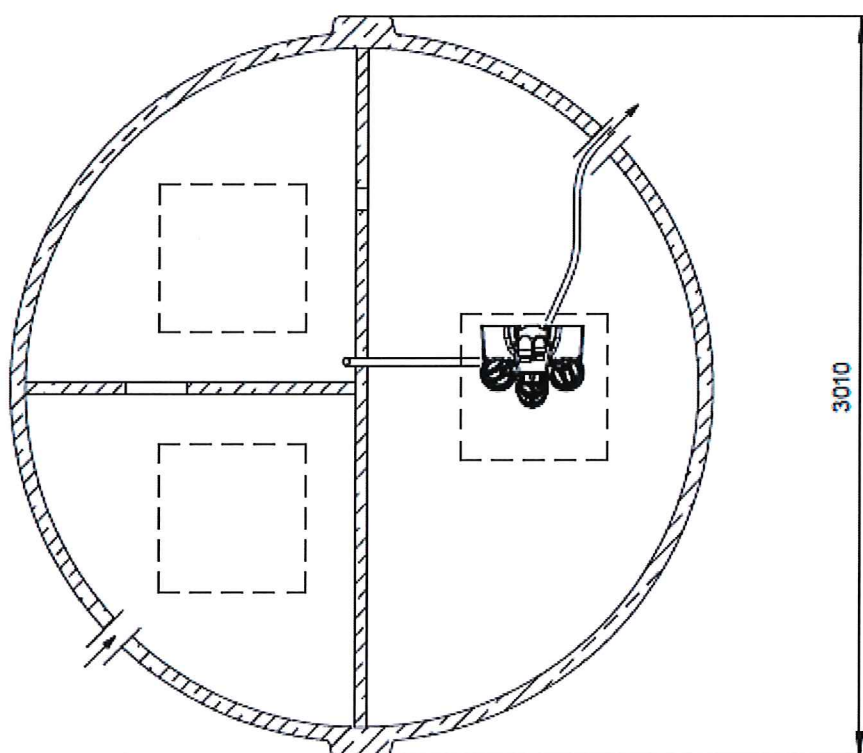
1500 GALLON TANK



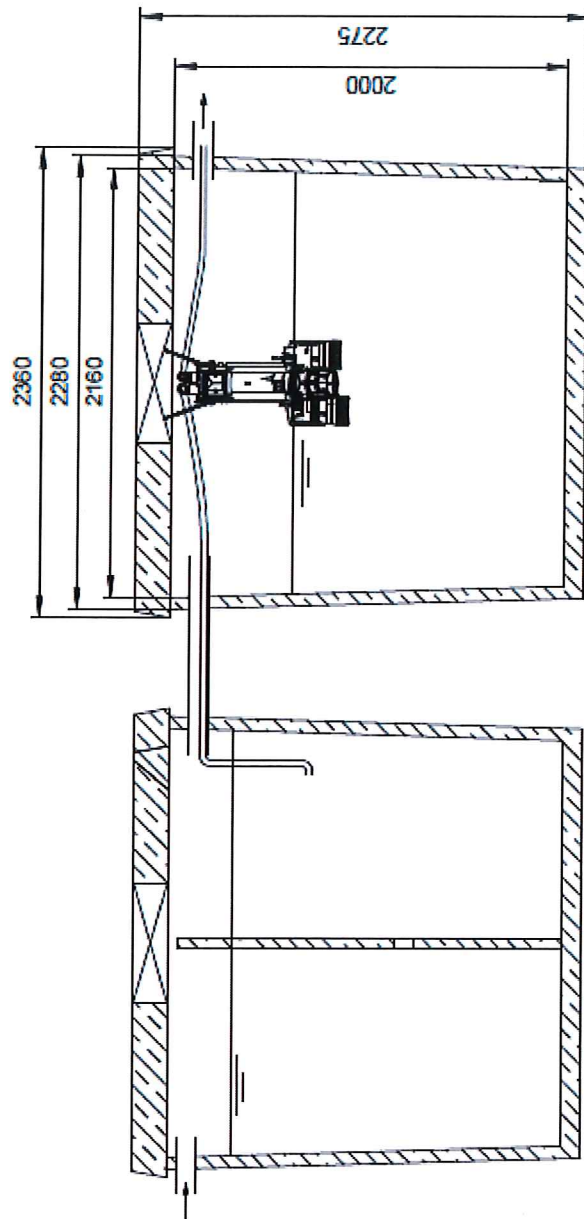
06 PE



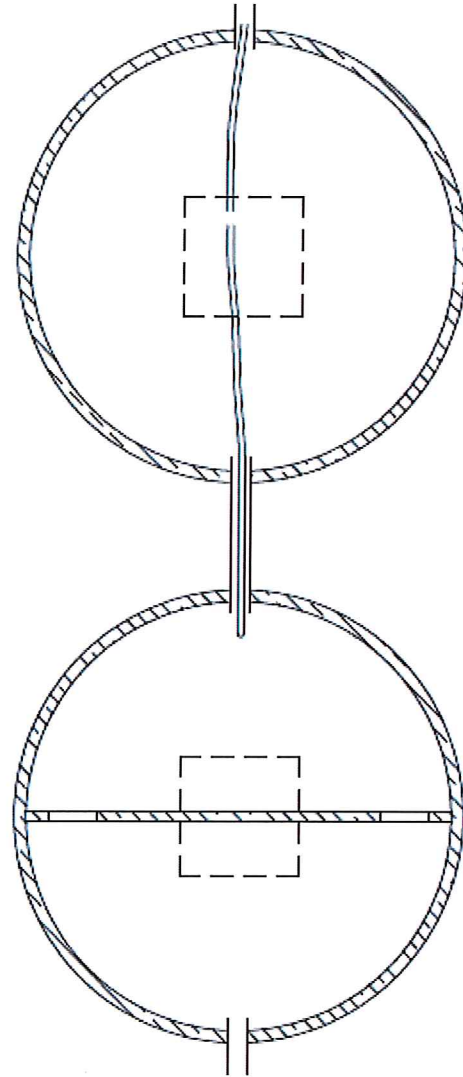
2500 GALLON TANK



16 PE

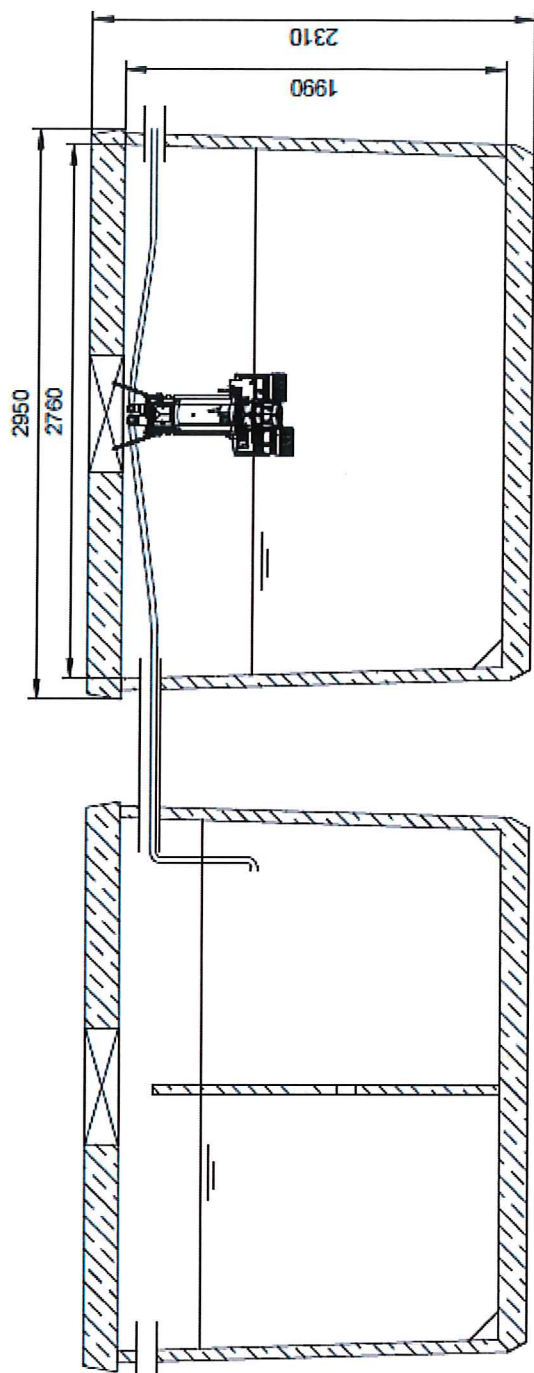


1500 GALLON TANK



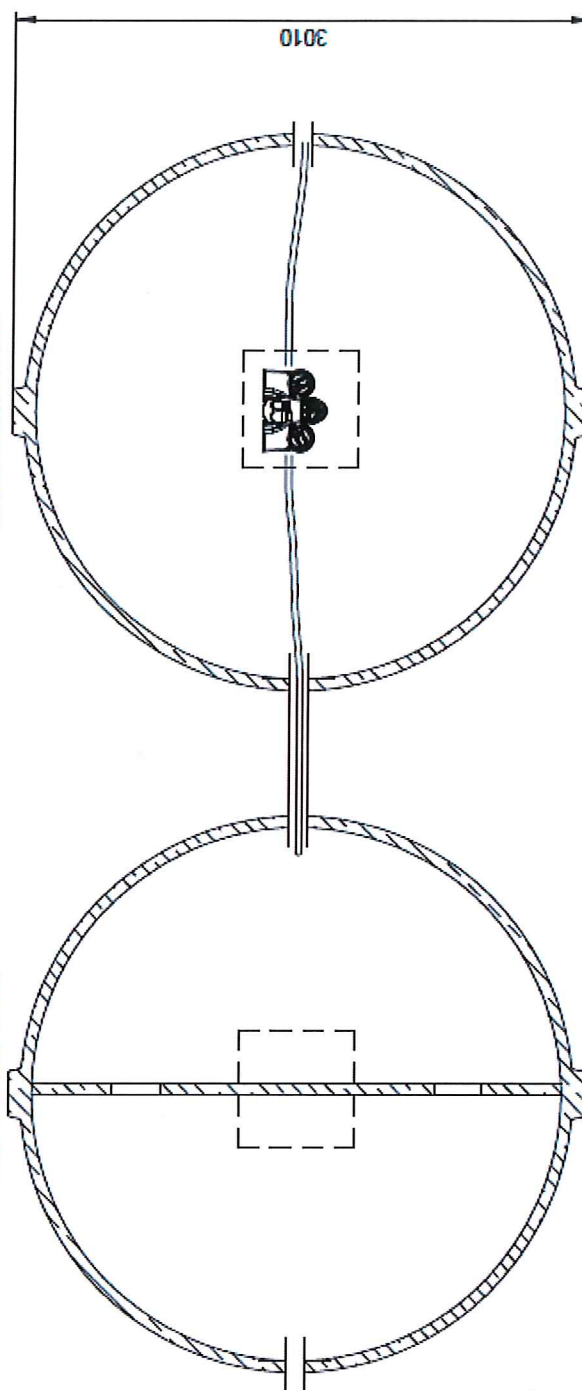
1500 GALLON TANK

20 PE



2500 GALLON TANK

2500 GALLON TANK



32 PE