



Certificate of Accreditation

Sewage Management Facility

Sewage Ejection Pump Station

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 2021.

System: *Zoeller SEPS Series*

Manufacturer: *Active Water Pty Ltd*

Of: *3 Bristol St, Essendon Fields, VIC, 3041*

The Zoeller SEPS Series as described in the attached Schedule uses vessels supplied by SPE Polytech (Certificate of Accreditation Number STCW006) and manufactured under agreement by Rotodyne Pty Ltd and have been accredited as sewage management facilities for use in single domestic premises in NSW. The pump wells are manufactured to the Australian / New Zealand Standard AS/NZS1546.1:2008 "On-site domestic wastewater treatment units - septic tanks".

P. Byrnes

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

Issued: *3 / April 23*

Certificate No: *SEPS019*

Expires: *31 December 2023*

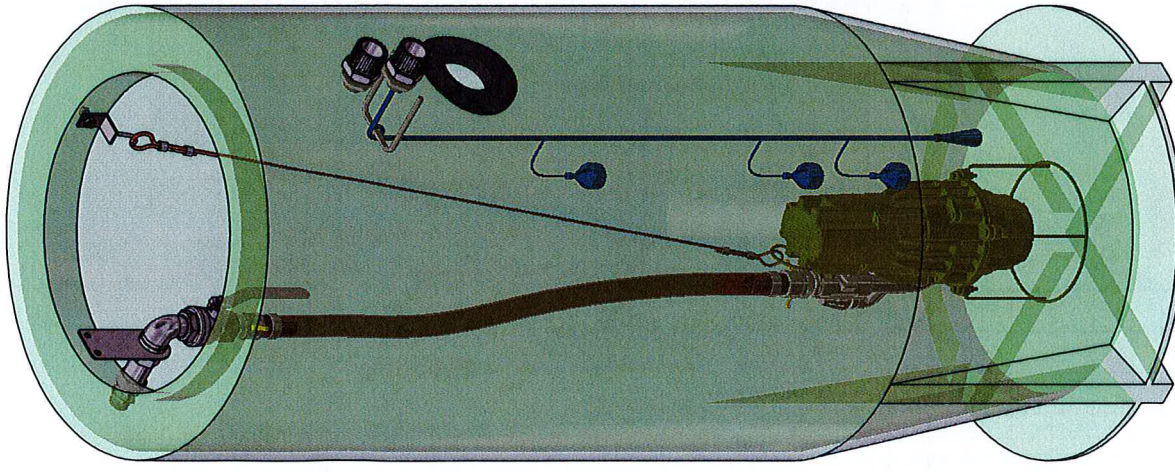


Accreditation Schedule

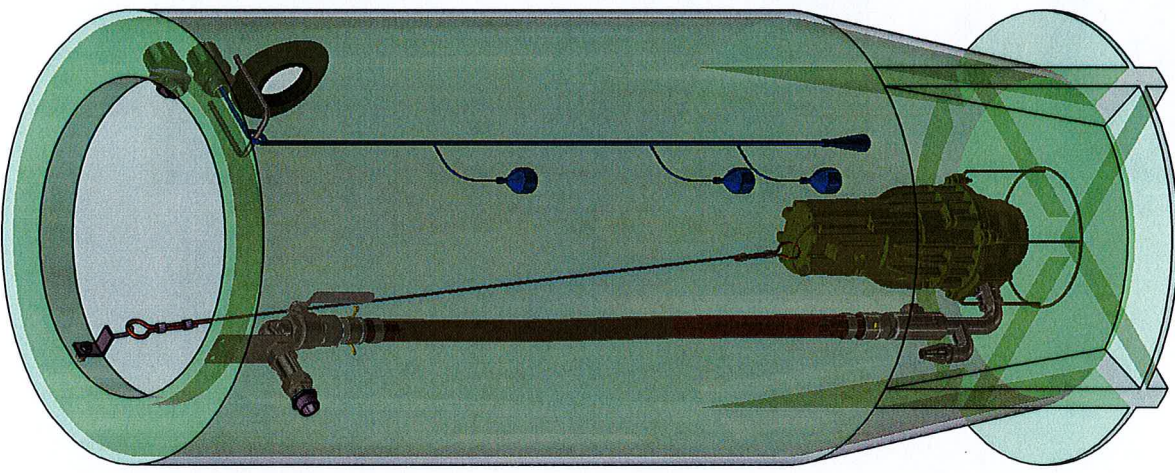
The Certificate of Accreditation applies to the following range of sewage ejection pump stations in accordance with the attached plans.

The Zoeller (Active Water) Sewage Ejection Pump Stations consist of:

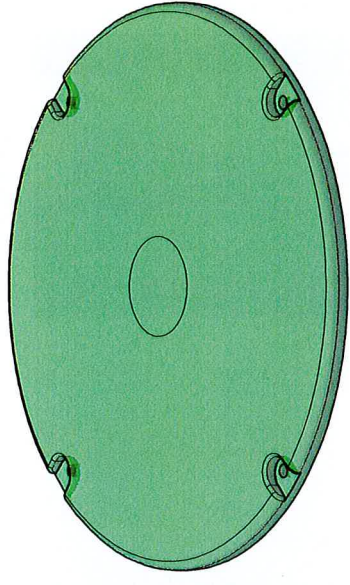
- A moulded polyethylene pump well and lid, supplied by SPE Polytech and manufactured by Rotodyne Pty Ltd with capacities of 950, 1050, 1460, 1880, 2180, 2780, 3150, 4100, 6000, 7100 Litres;*
- Zoeller pumps, Lil Ripa pumps, Grundfos SEG pumps, Davey pumps, Xylem pumps in either single, dual, triplex & quad configuration as shown on the plan;*
- A flexible rubber discharge hose or PVC pressure pipe fitted to a combination check valve/anti-siphon valve on the outlet of the grinder pump. The discharge pipe is connected to a discharge valve assembly and discharge line then to either a 40 mm, 50mm or 800mm diameter low-pressure main to the sewer;*
- A control panel with audible and visual alarm with start, stop and high level float switches.*



ISOMETRIC VIEW 1
SCALE (ONS)



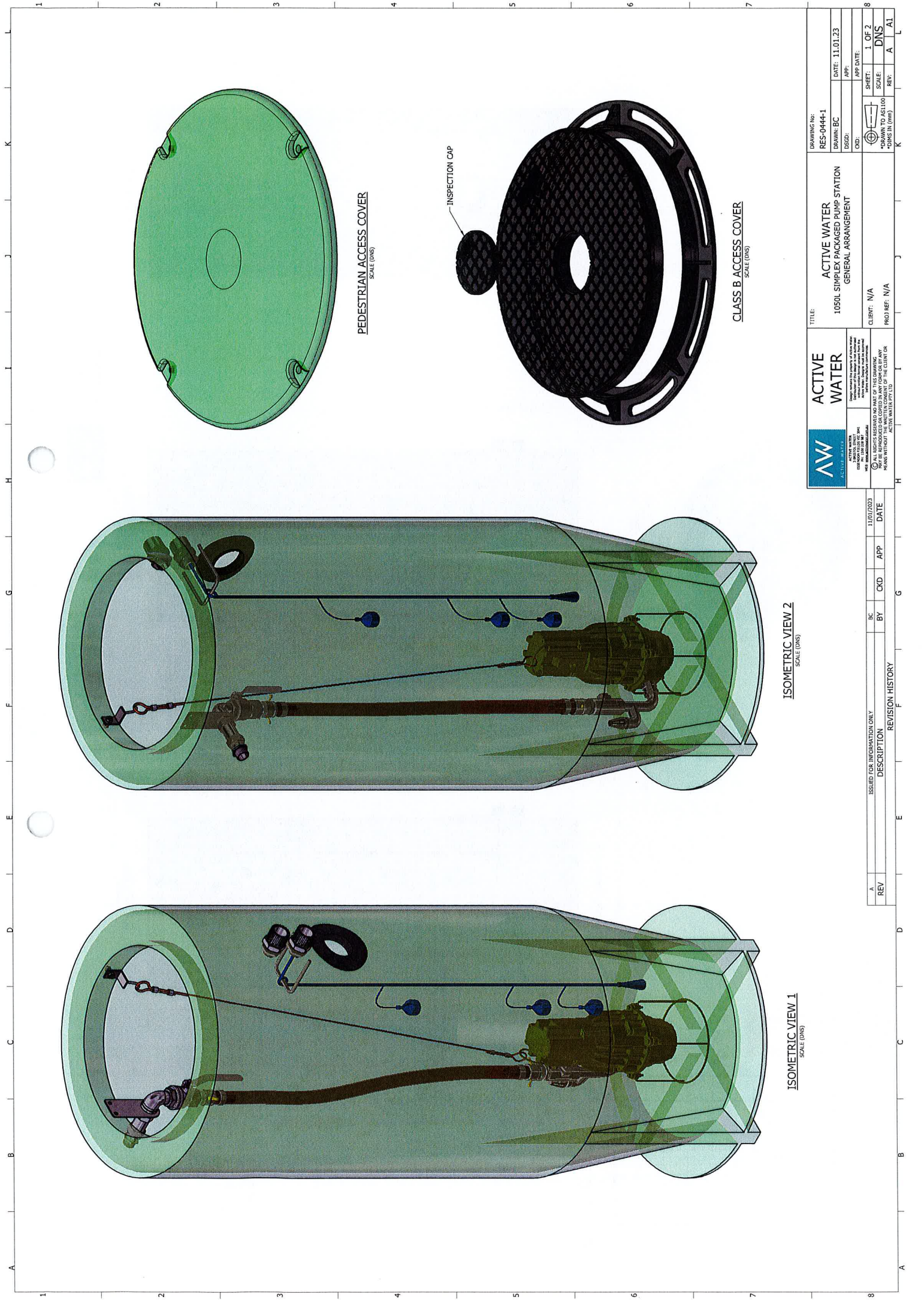
ISOMETRIC VIEW 2
SCALE (ONS)



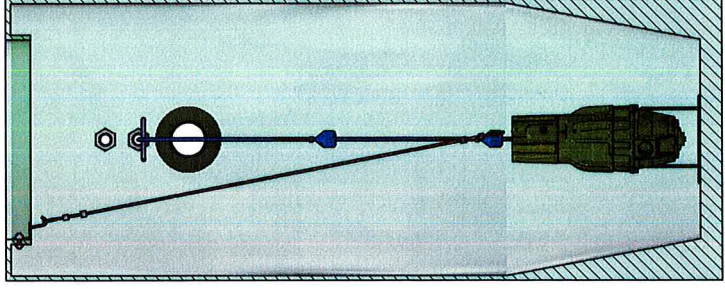
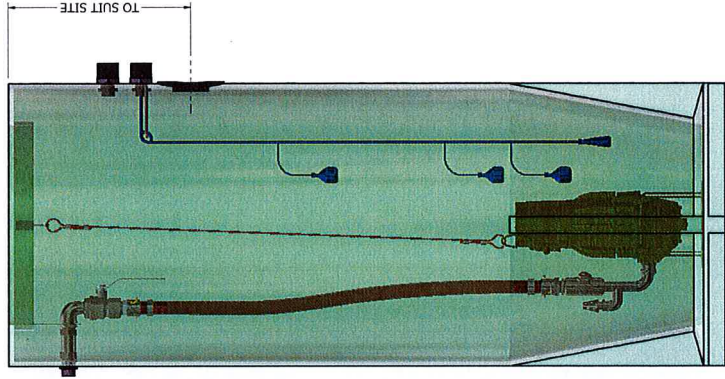
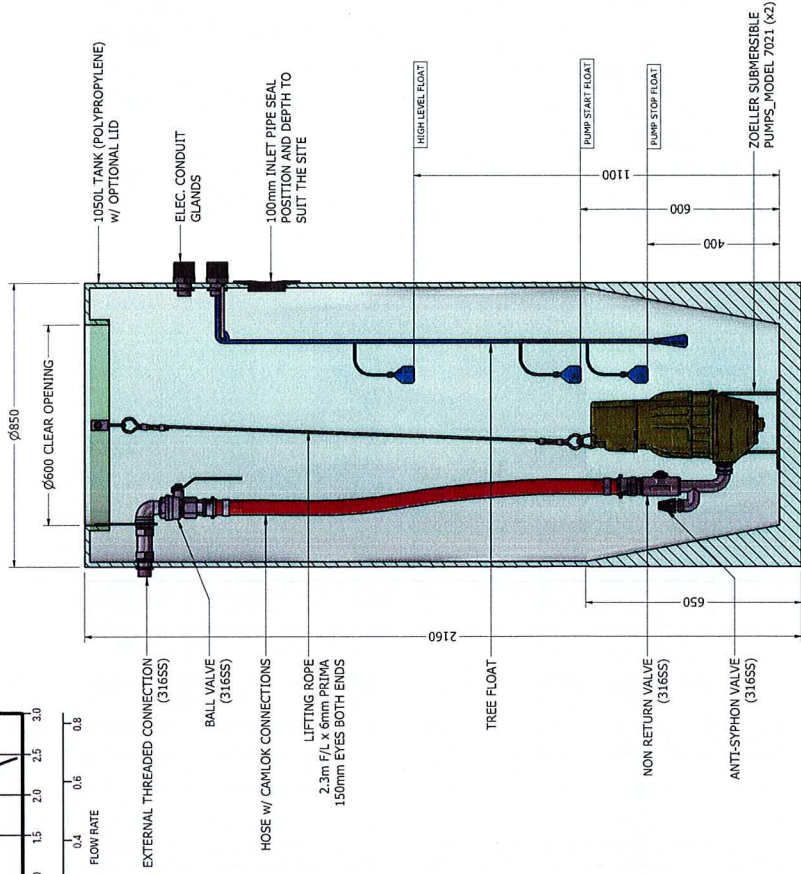
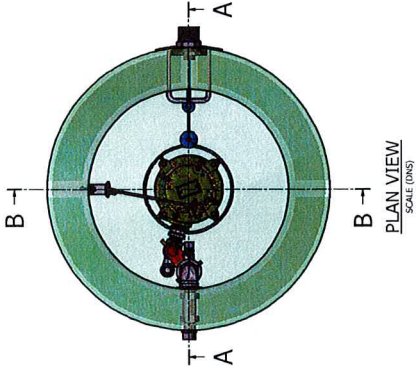
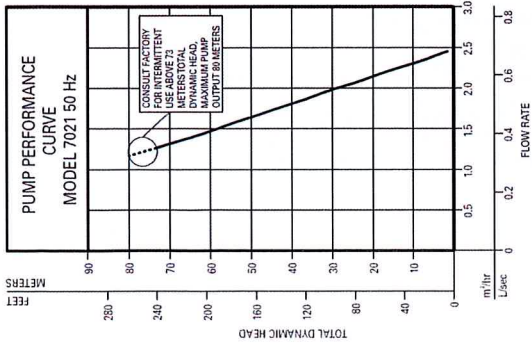
PEDESTRIAN ACCESS COVER
SCALE (ONS)



CLASS B ACCESS COVER
SCALE (ONS)

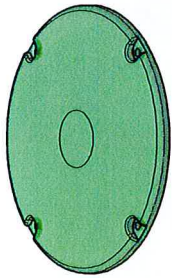


		ACTIVE WATER <small>DESIGN, MANUFACTURE, INSTALLATION, MAINTENANCE AND REPAIR OF WATER SUPPLY AND WASTEWATER TREATMENT SYSTEMS</small>		DRAWING No: RES-0444-1 DRAWN: BC DATE: 11.01.23	
<small>ALL RIGHTS RESERVED AND PART OF THIS DRAWING IS THE PROPERTY OF ACTIVE WATER. IT IS TO BE USED ONLY FOR THE PROJECT AND NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN CONSENT OF THE CLIENT OR ACTIVE WATER LTD.</small>		TITLE: ACTIVE WATER 1050L SIMPLEX PACKAGED PUMP STATION GENERAL ARRANGEMENT		DESIGNED: [Signature] CHECKED: [Signature] APPR: [Signature] DATE: 11.01.23	
ISSUED FOR INFORMATION ONLY		REVISION HISTORY		SHEET: 1 OF 2 SCALE: DNS REV: A	
A	REV	BC	BY	CKD	APP
					DATE
					11/01/2023

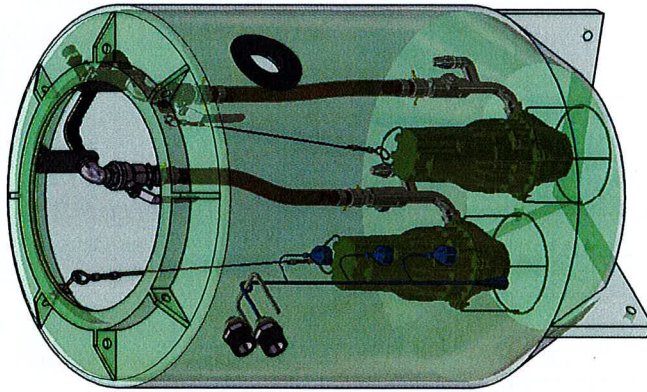


AW ACTIVE WATER	TITLE: ACTIVE WATER 1050L SIMPLEX PACKAGED PUMP STATION GENERAL DETAIL	DRAWING NO: RES-0444-1	DATE: 11.01.23
<small>AW WATER SYSTEMS 1000 10th Street, Suite 100 Vancouver, BC V6P 4R2 Canada Tel: 604.273.8888 Fax: 604.273.8889 www.awwater.com</small>	CLIENT: N/A	DRAWN BY: BC	APP.:
<small>NOT BE USED FOR CONSTRUCTION WITHOUT THE WRITTEN CONSENT OF THE CLIENT OR ACTIVE WATER PVT LTD</small>	PROJECT REF: N/A	DESIGNED BY: BC	SCALE:
		ISSUED FOR INFORMATION ONLY	REVISION HISTORY
		DATE: 11/01/2023	DESCRIPTION
		REV:	DESCRIPTION

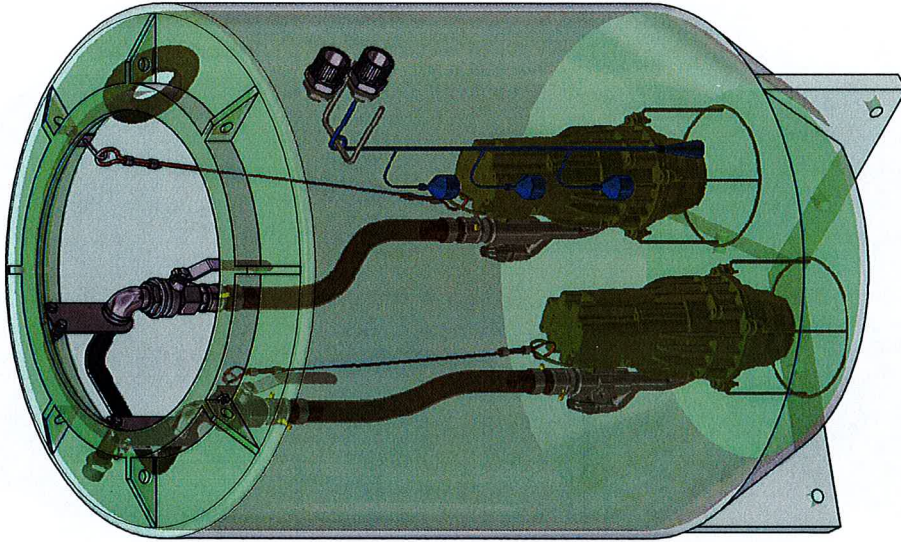
AW ACTIVE WATER	TITLE: ACTIVE WATER 1050L SIMPLEX PACKAGED PUMP STATION GENERAL DETAIL	DRAWING NO: RES-0444-1	DATE: 11.01.23
<small>AW WATER SYSTEMS 1000 10th Street, Suite 100 Vancouver, BC V6P 4R2 Canada Tel: 604.273.8888 Fax: 604.273.8889 www.awwater.com</small>	CLIENT: N/A	DRAWN BY: BC	APP.:
<small>NOT BE USED FOR CONSTRUCTION WITHOUT THE WRITTEN CONSENT OF THE CLIENT OR ACTIVE WATER PVT LTD</small>	PROJECT REF: N/A	DESIGNED BY: BC	SCALE:
		ISSUED FOR INFORMATION ONLY	REVISION HISTORY
		DATE: 11/01/2023	DESCRIPTION
		REV:	DESCRIPTION



PEDESTRIAN ACCESS COVER
SCALE (DN5)



ISOMETRIC VIEW 1
SCALE (DN5)

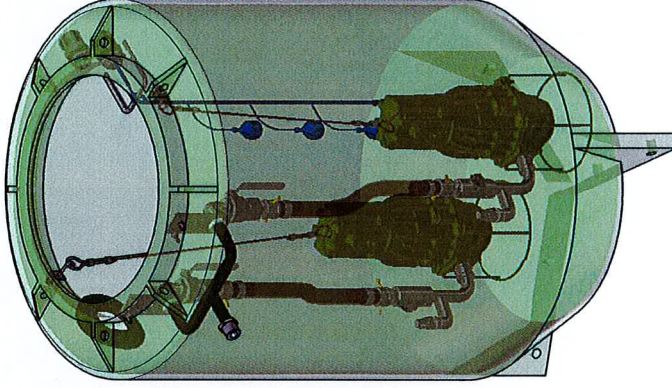


ISOMETRIC VIEW 2
SCALE (DN5)



INSPECTION CAP

CLASS B ACCESS COVER
SCALE (DN5)



ISOMETRIC VIEW 3
SCALE (DN5)

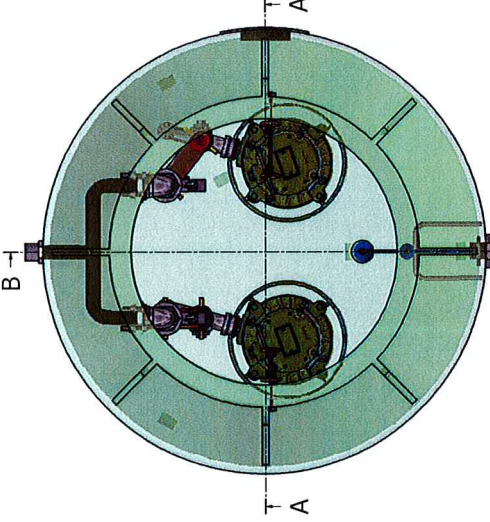
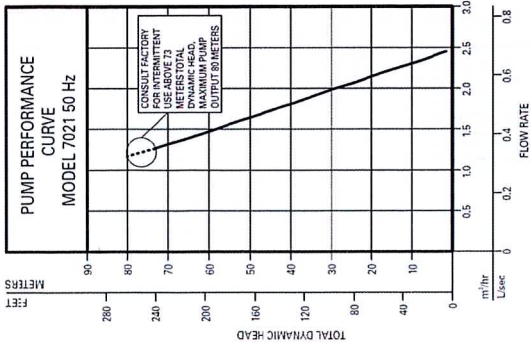
AW ACTIVE WATER
ACTIVE WATER PTY LTD
 12/01/2023
 10000 x 1440 x 1600, 2100, 3150, DUPLEX TANK
 GENERAL ARRANGEMENT

TITLE: ACTIVE WATER
01000 x 1440, 1600, 2100, 3150, DUPLEX TANK
GENERAL ARRANGEMENT

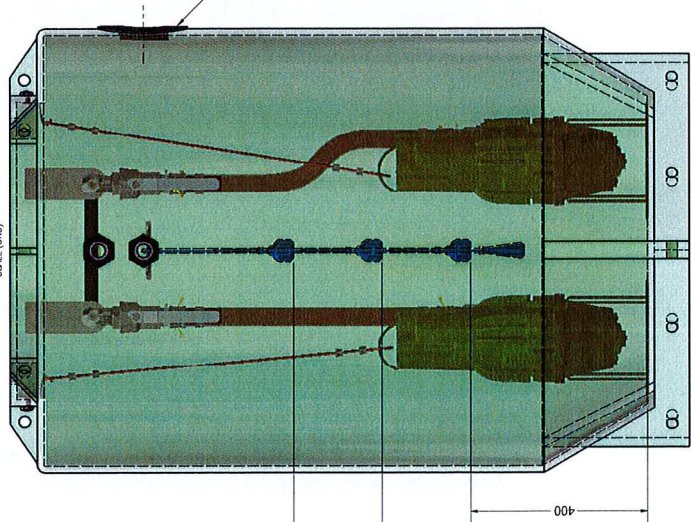
CLIENT: N/A
PROJ REF: N/A

DRAWING NO:	RES-0444-2	DATE:	12.01.23
DRAWN BY:	BC	APP:	
DESIGN:	BC	REV:	
CHKD:		SCALE:	1 OF 2
APP DATE:		SHEET:	DNS
		REV:	A
		REV:	AI

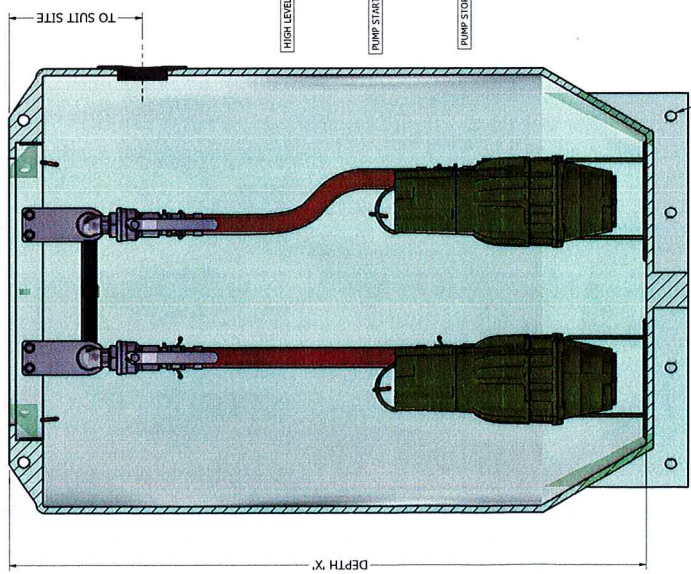
ISSUED FOR INFORMATION ONLY		REVISION HISTORY			
REV	DESCRIPTION	BY	CHKD	APP	DATE
A		BC			12/01/2023



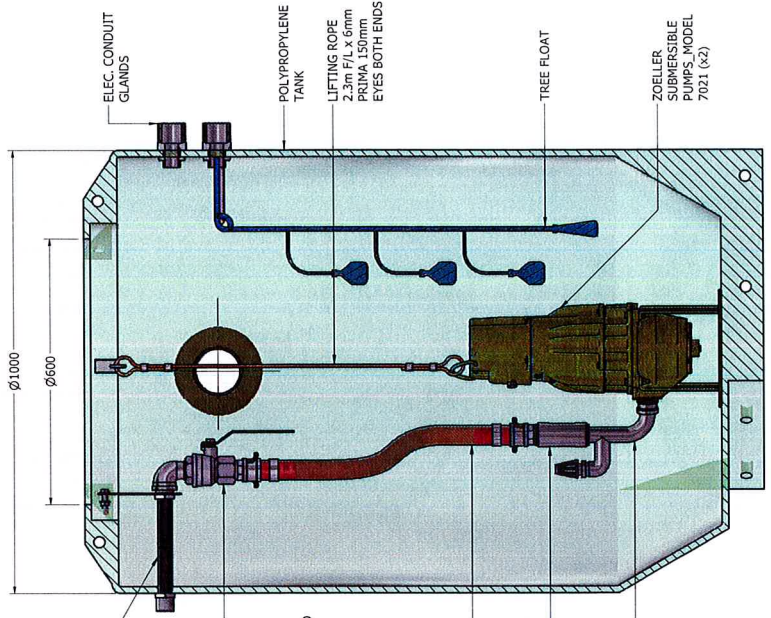
PLAN VIEW
SCALE (DIMS)



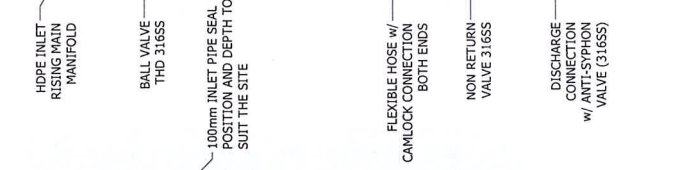
FRONT ELEVATION
SCALE (DIMS)



SECTION A-A
SCALE (DIMS)



SECTION B-B
SCALE (DIMS)



100mm INLET PIPE SEAL POSITION AND DEPTH TO SUIT THE SITE

BALL VALVE THD 316SS

FLEXIBLE HOSE w/ CAMLOCK CONNECTION BOTH ENDS

NON RETURN VALVE 316SS

DISCHARGE CONNECTION w/ ANTI-SIPHON VALVE (316SS)

ACTIVE WATER
ZOEELLER SURMERSIBLE PUMPS, MODEL 7021 (x2)

ACTIVE WATER
RES-0444-2
DRAWN: BC
DATE: 12.01.22
SCALE: 1:1
REV: A

ACTIVE WATER
GENERAL DETAIL
Ø10000 x 1440, 1600, 2100, 3150, DUPELX TANK

ACTIVE WATER
ZOEELLER SURMERSIBLE PUMPS, MODEL 7021 (x2)

ISSUED FOR INFORMATION ONLY
REVISION HISTORY
REV A
DESCRIPTION
BY BC
CKD APP DATE
12/01/2023

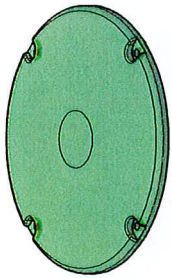
CLIENT: N/A
PROJ REF: N/A

AW ACTIVE WATER ZOEELLER SURMERSIBLE PUMPS, MODEL 7021 (x2)

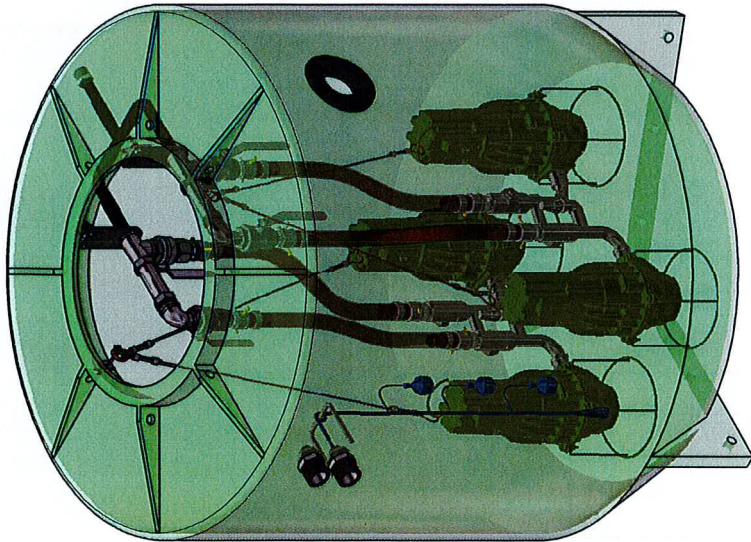
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DRAWING No: RES-0444-2
DATE: 12.01.22
APP: BC
SCALE: 1:1
REV: A

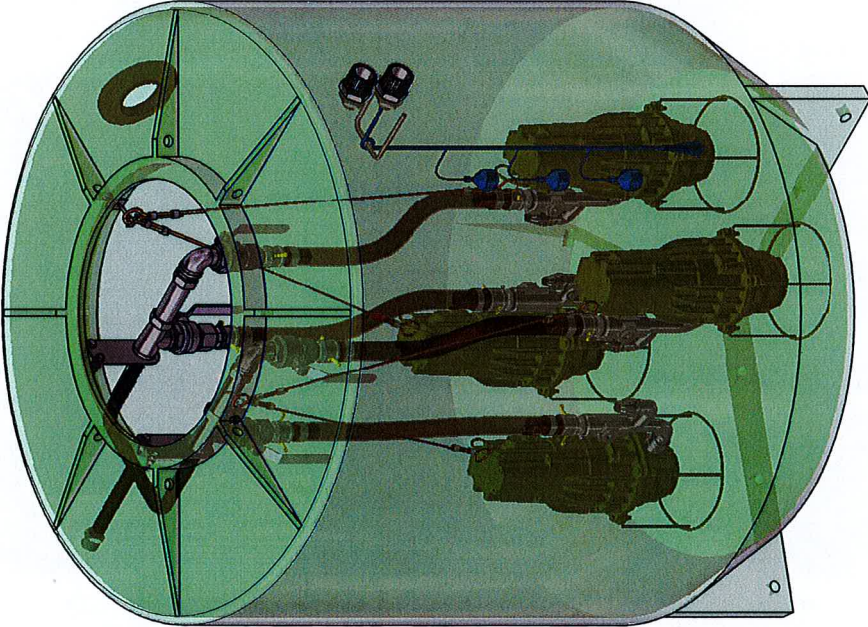
2 OF 2
DWS
REV: A A1



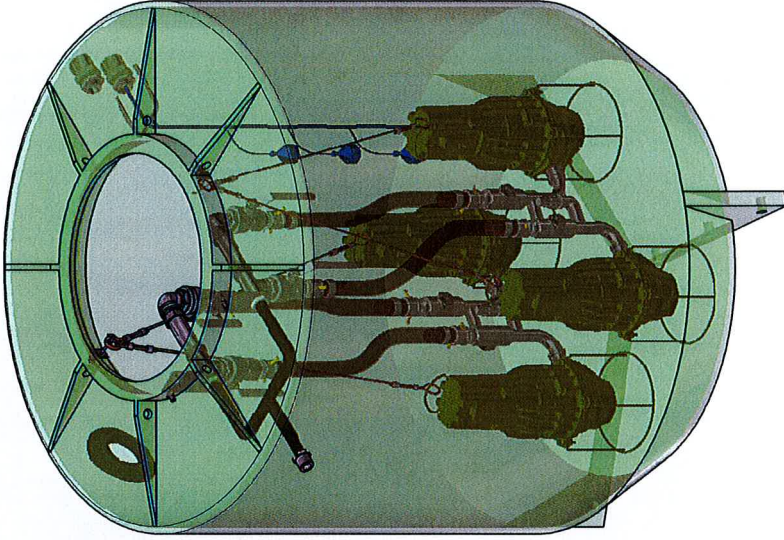
PEDESTRIAN ACCESS COVER
SCALE (DN5)



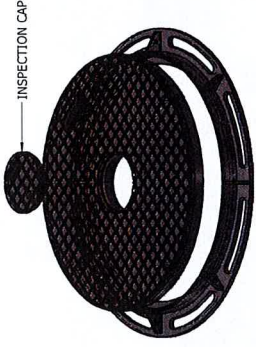
ISOMETRIC VIEW 1
SCALE (DN5)



ISOMETRIC VIEW 2
SCALE (DN5)



ISOMETRIC VIEW 3
SCALE (DN5)

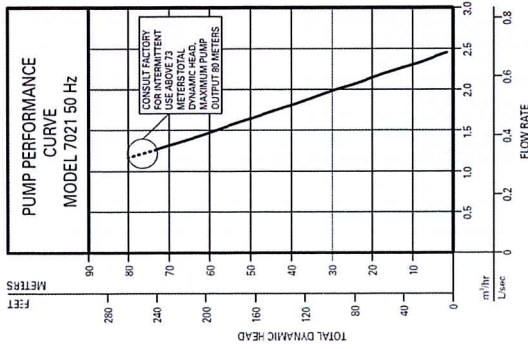


INSPECTION CAP

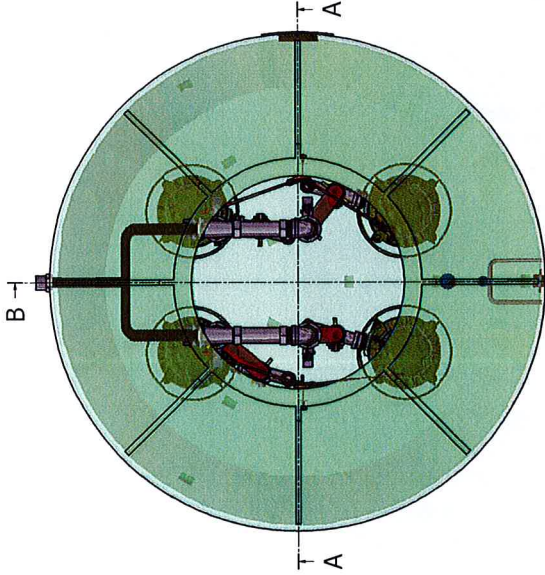
CLASS B ACCESS COVER
SCALE (DN5)

	ACTIVE WATER <small>ACTIVE WATER PTY LTD 10/100 BAYVIEW DRIVE BAYVIEW VIC 3084 PH: 03 9499 9999 WWW.ACTIVEWATER.COM.AU</small>	TITLE: ACTIVE WATER <small>Specialist water treatment and filtration equipment for commercial and industrial applications. All rights reserved. No part of this drawing may be reproduced or transmitted in any form or by any means without the written consent of the client or Active Water Pty Ltd.</small>	DRAWING No: RES-0444-3 DRAWN/BC: 1525/2110, 2385, 3020, 3245, 4210, DATE: 12.01.23 APP: BC DSGD: BC APP DATE: CD:	CLIENT: N/A PROJ REF: N/A	PROJECT: ACTIVE WATER DATE: 12/01/2023
	GENERAL ARRANGEMENT	SCALE: 1 OF 2 REVISIONS: A, AI	REVISION HISTORY	REVISION HISTORY	REVISION HISTORY

Certified Product

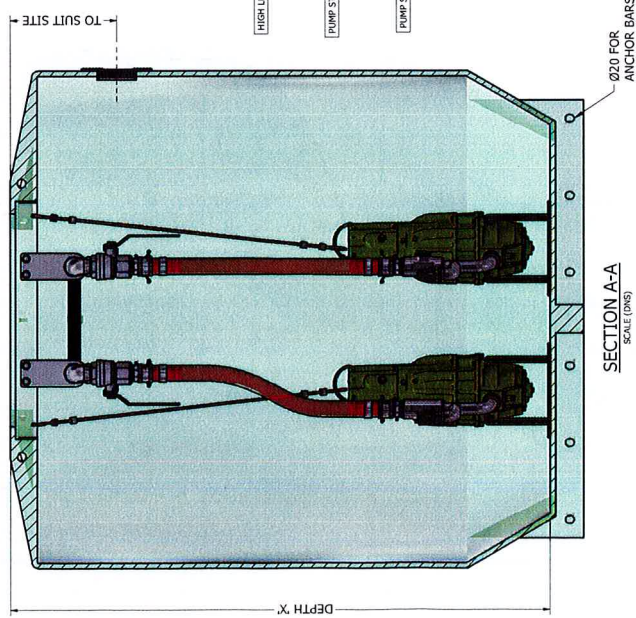


DEPTH 'X' (mm)	VOLUME 'L'
1525	1880
2110	2780
2385	3150
3020	4100
3245	4500
4210	6000
5120	7100

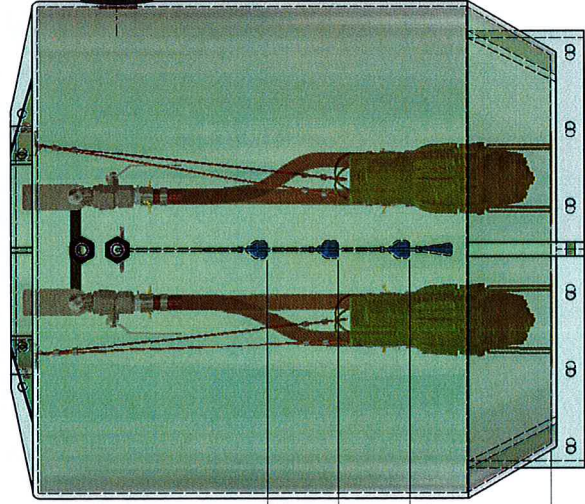


HDPE/PISS INLET RISING MAIN QUAD MANIFOLD W/ ISOLATION VALVES FOR EACH PUMP

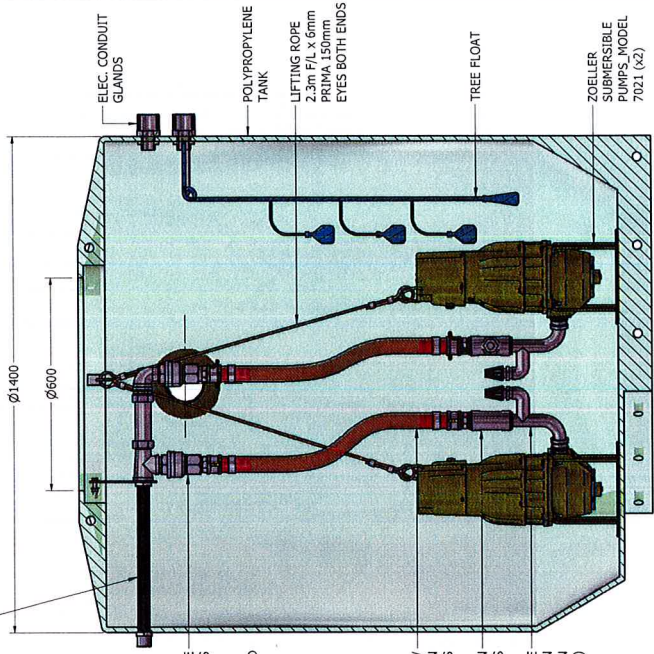
PLAN VIEW SCALE (DWS)



SECTION A-A SCALE (DWS)



FRONT ELEVATION SCALE (DWS)



SECTION B-B SCALE (DWS)

ACTIVE WATER

AW

ACTIVE WATER
1525 x 2110 x 6000 mm
1525 x 2110 x 6000 mm

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DRAWING No: RES-0444-3

DATE: 12.01.22

DRAWN: BC

DESIGN: BC

APP: APP DATE:

CODE: APP DATE:

SHEET: 2 OF 2

SCALE: DNS

*DRAWN TO AS1100

*DIM IN (mm)

TITLE: ACTIVE WATER

Ø1400 x 1525, 2110, 2385, 3020, 3245, 4210, 5120 QUAD TANK

GENERAL DETAIL

CLIENT: N/A

PROJ REF: N/A

REV	DESCRIPTION	DATE
A	ISSUED FOR INFORMATION ONLY	12/01/2023

REV	DESCRIPTION	DATE
A	ISSUED FOR INFORMATION ONLY	12/01/2023