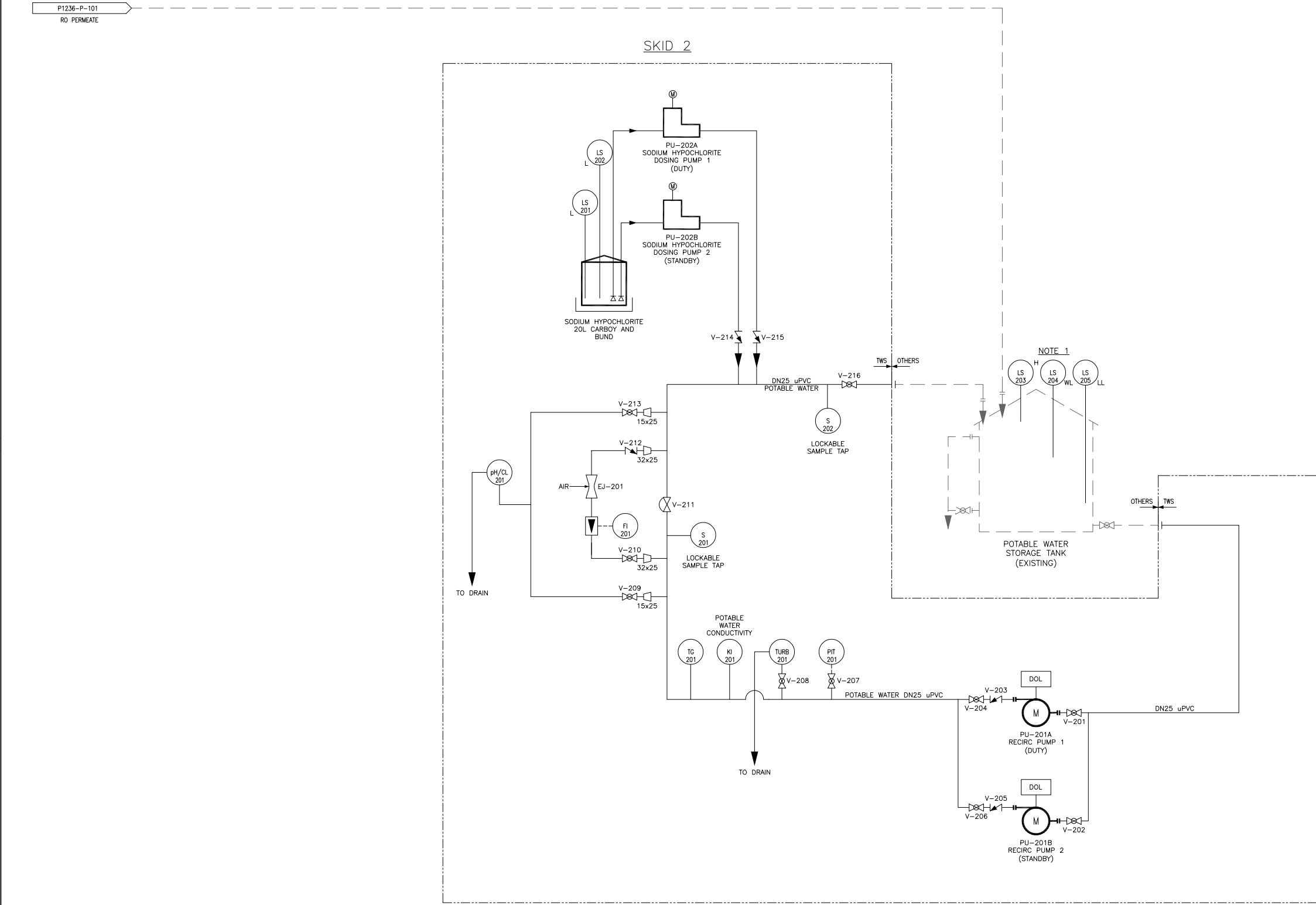


PU-201A & PU-201B RECIRC PUMPS	PU-202A & PU-202B SODIUM HYPOCHLORITE DOSING PUMPS
RATED CAPACITY : 2m ³ /hr @ 2.5 bar	RATED CAPACITY : 7.5 Litres/hr
INSTALLED POWER : 0.5kW (DOL)	INSTALLED POWER : 18W
MODEL : CM 3-3	MODEL : DDA 7.5-16 FCM
QUANTITY : 2 (DUTY, STANDBY)	QUANTITY : 2 (DUTY, STANDBY)

NOTES:
1. LEVEL SWITCHES SUPPLIED BY TWS

TWS	_____
OTHERS	_____



A	13.08.18	ISSUED FOR CLIENT APPROVAL	JS	DD	AW
0	06.09.18	IFC	JS	AW	DD
1	14.11.18	AS BUILT	JS	AW	DD
ISSUE	DATE	REVISION	DRN	CHK	APPD

ISSUE	DATE	REVISION	DRN	CHK	APPD
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TRISTAR WATER SOLUTIONS PTY LTD
56 PEEL ROAD
O'CONNOR
WA 6163
TEL: (08) 9331 6133
FAX: (08) 9331 6233
EMAIL: SALES@TRISTARWATER.COM.AU
WWW.TRISTARWATER.COM.AU



EUCLA TOWN RO WATER TREATMENT PLANT - REPLACEMENT PIPING AND INSTRUMENTATION DRAWING SHEET 2					
PROJECT	P1236	PLAN P1236-P-201		ISSUE 1	
SCALE	NTS				

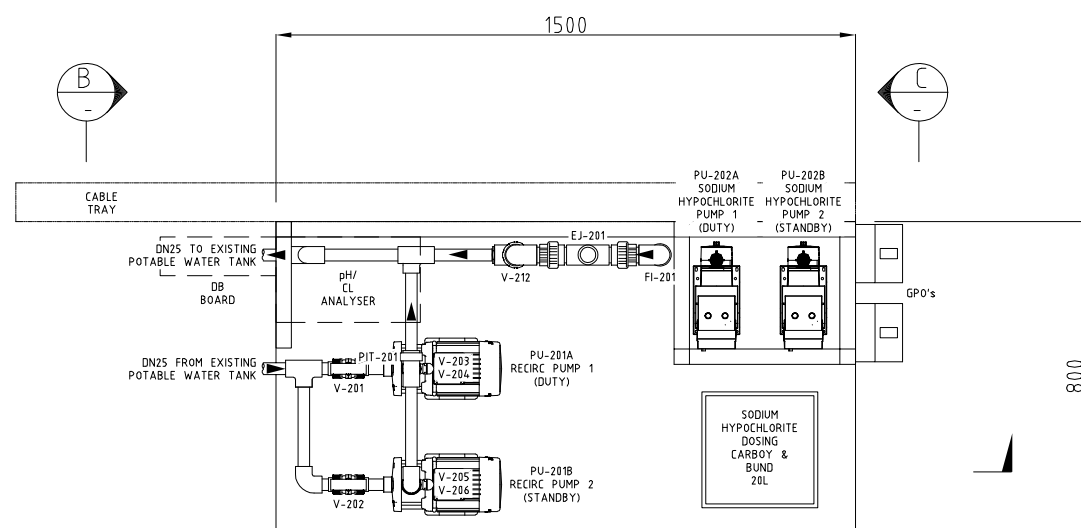
ORIGINAL SHEET SIZE	A1



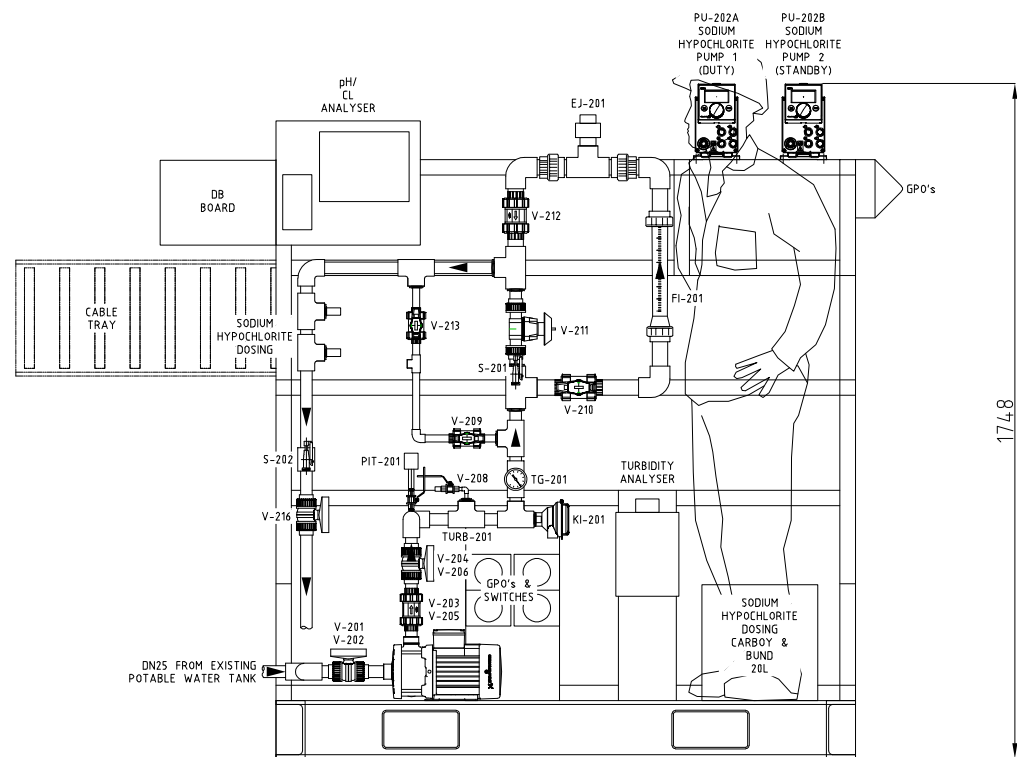
IT SHALL NOT BE COPIED WITHOUT PERMISSION



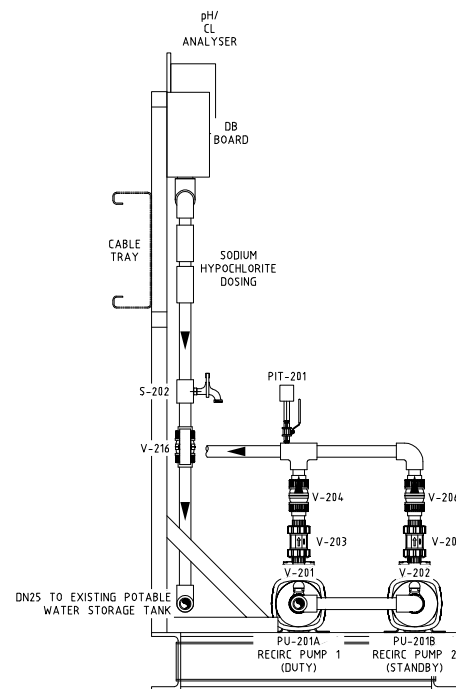
© THIS DRAWING IS THE PROPERTY OF TRISTAR WATER SOLUTIONS PTY LTD. IT SHALL NOT BE COPIED WITHOUT PERMISSION.



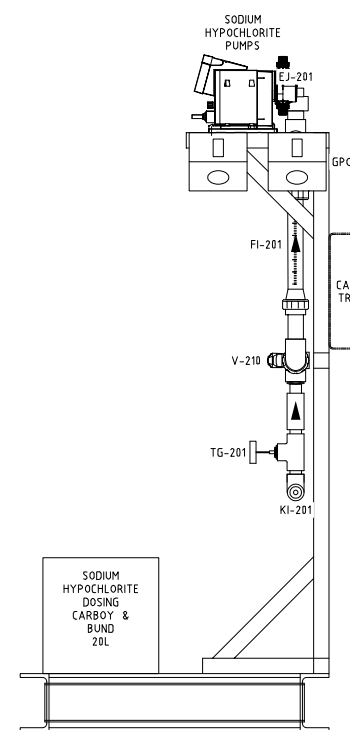
PLAN



SECTION A
101



SECTION B
101



SECTION C
101

A	27.08.18	FIRST ISSUE	JS	DD	AW
0	17.09.18	IFC	JS	DD	DD
1	14.11.18	AS BUILT	JS	AW	DD

566
810

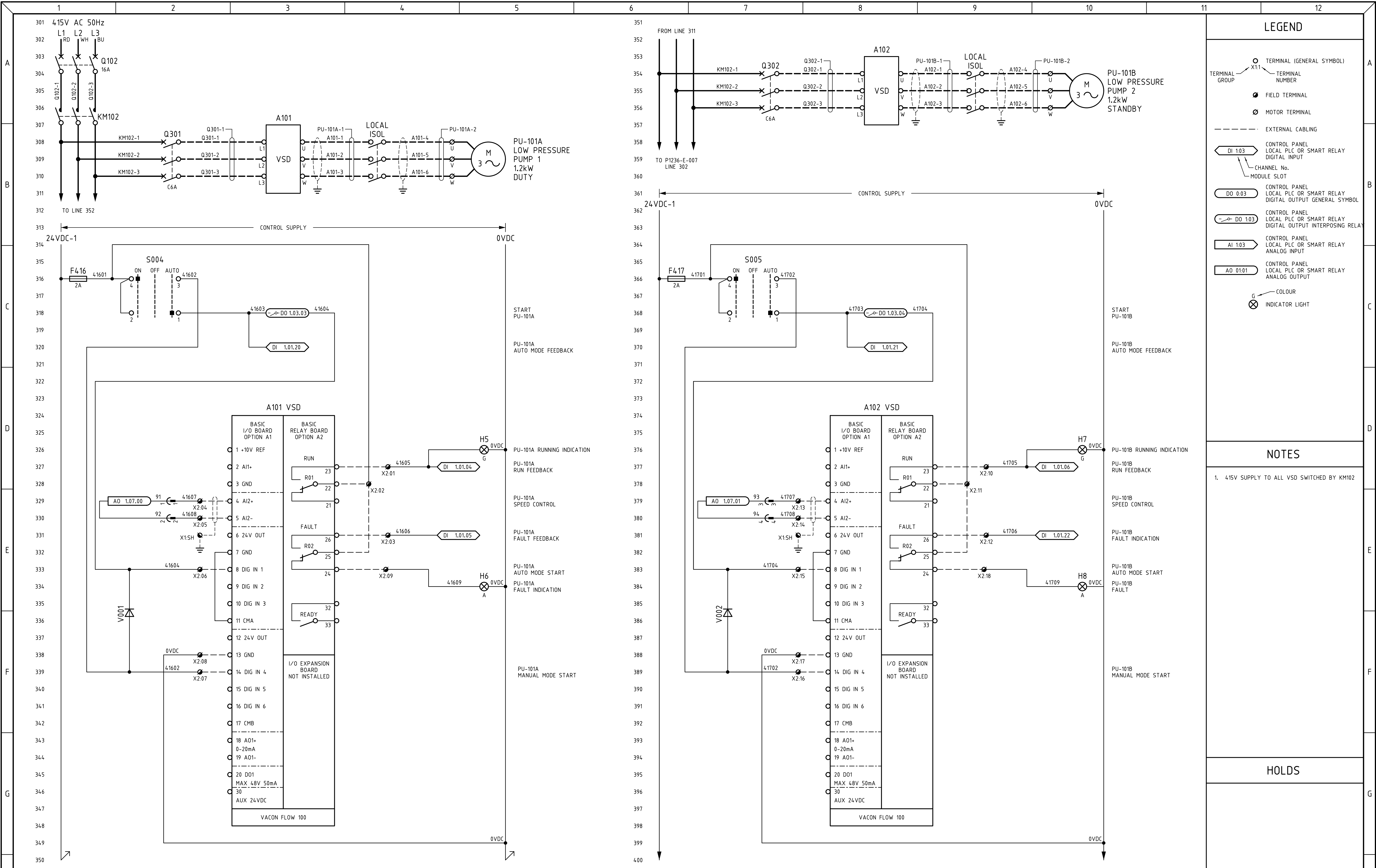
ISSUE	DATE	REVISION	DRN	CHK	APPD	ISSUE	DATE	REVISION	DRN	CHK	APPD
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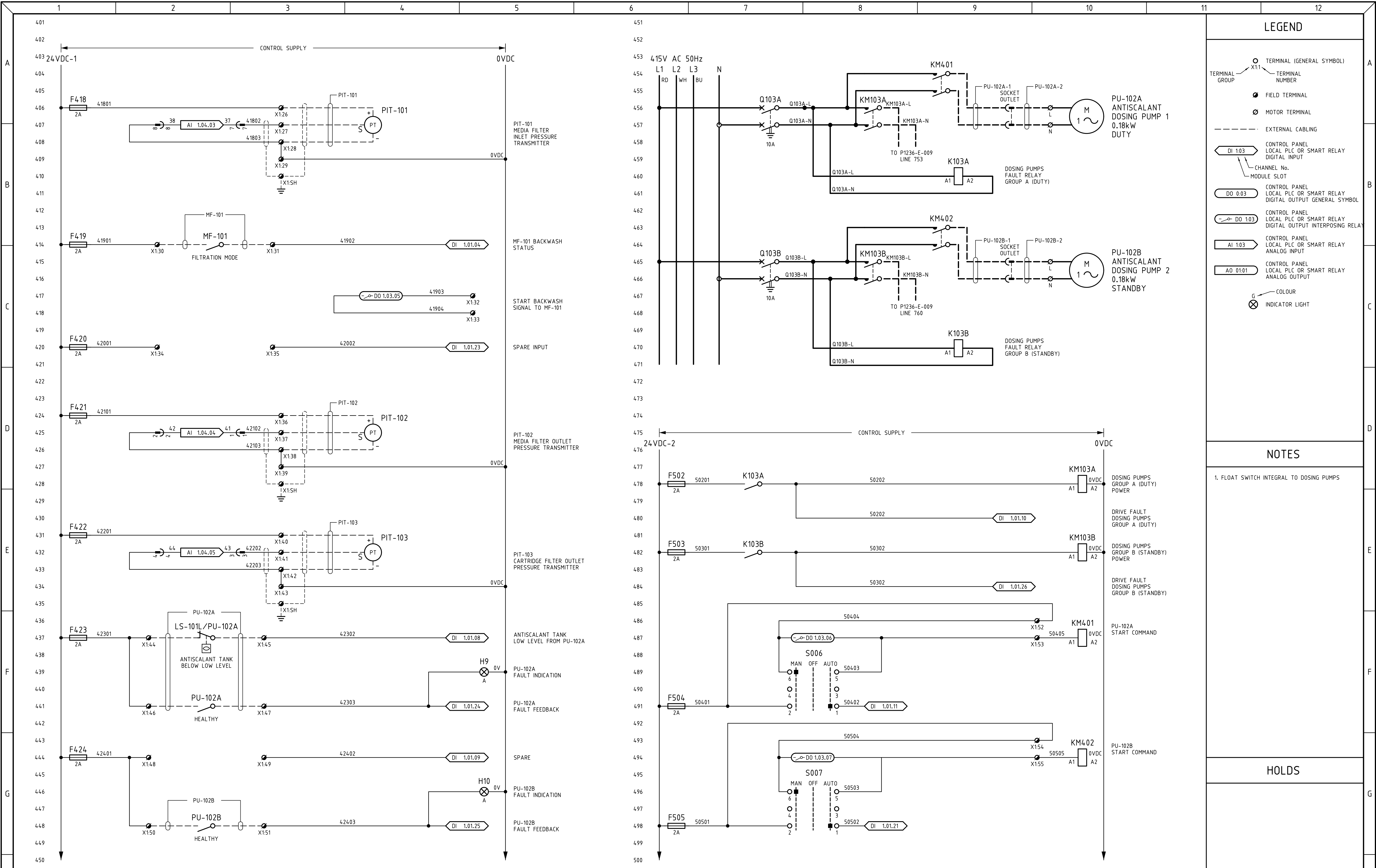


EUCLA TOWN RO WATER TREATMENT PLANT - REPLACEMENT SKID 2 GA PLAN & SECTIONS	
PROJECT	P1236
SCALE	1:10
PLAN	P1236-M-201
ISSUE	1

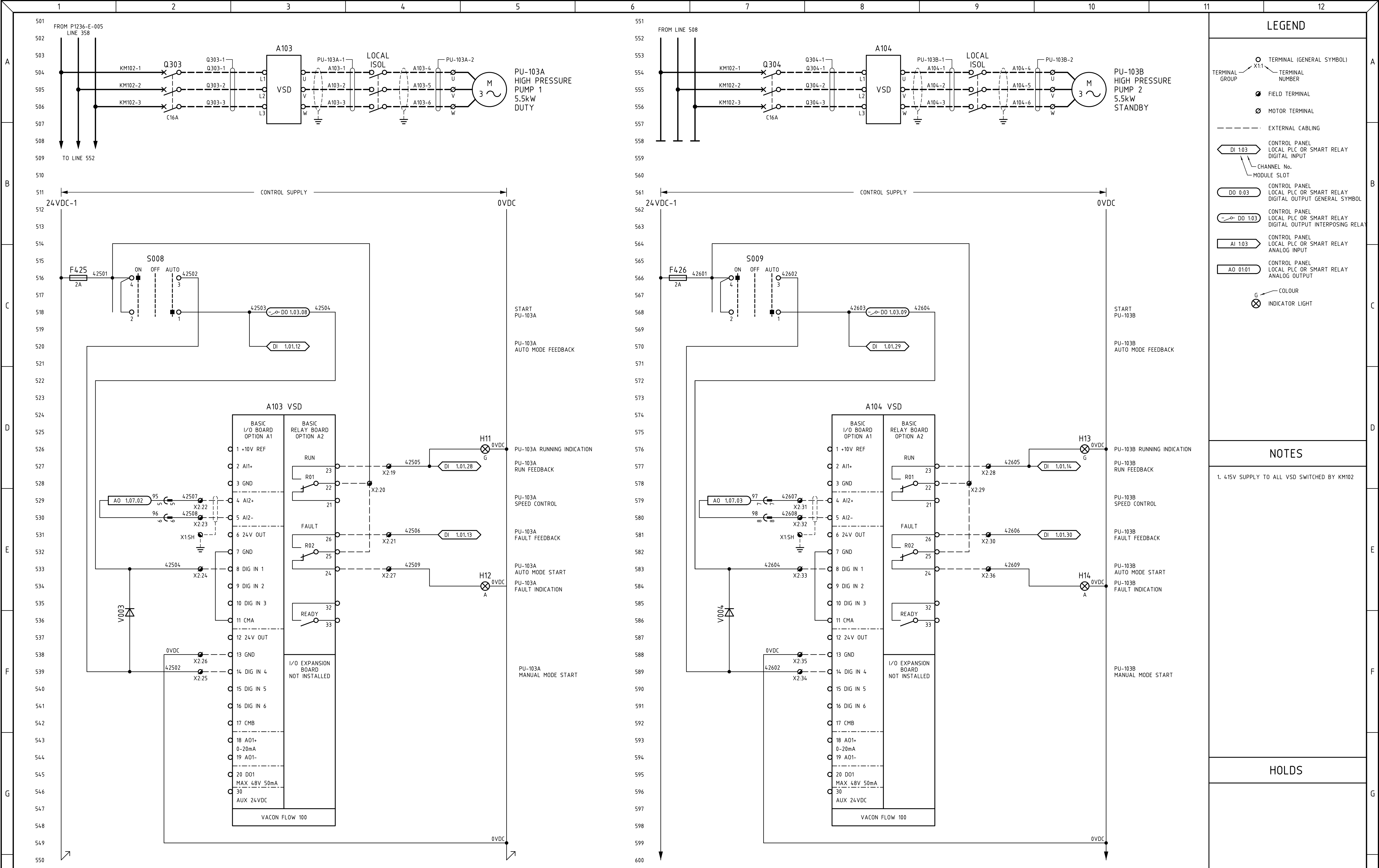
ORIGINAL
SHEET
SIZE
A1



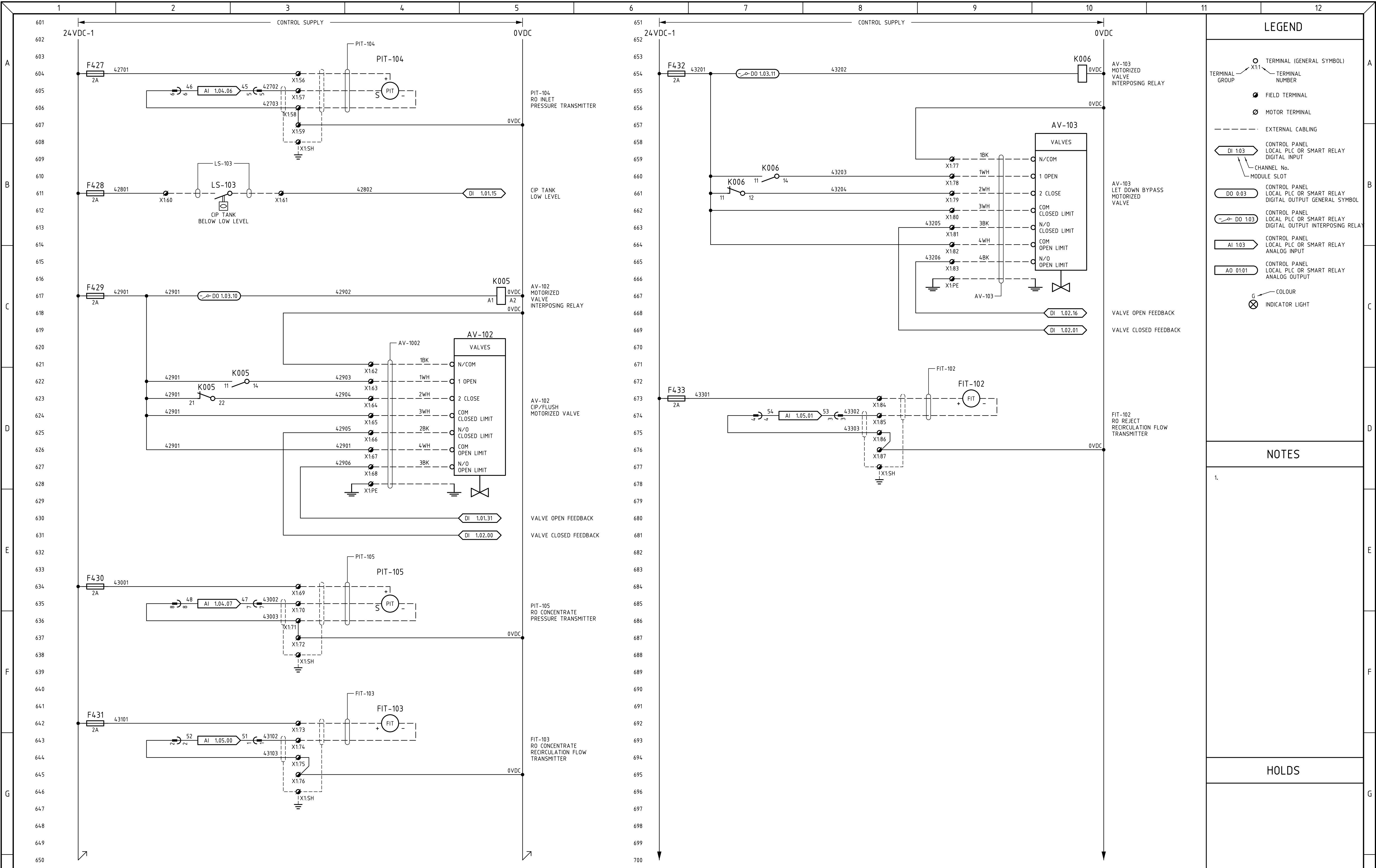
ALL DIMENSIONS IN MILLIMETRES						TECHWORX AUSTRALIA EC009337 ABN 59 077 882 869 1/6 Bushland Ridge, Bibra Lake WA 6163 Tel: (08) 9418 2900 www.techworxaustralia.com.au		EUCLA TOWN 50 M ³ /DAY RO WATER TREATMENT PLANT CONTROL PANEL SCHEMATIC DIAGRAM SHEET 3			REV No: 0
CLIENT: TRISTAR						SHEET SIZE: A1		SCALE: NTS		DRAWING No: P1236-E-005	
CLIENT JOB / P.O. No: P1236						TECHWORX JOB No: J130601					
DESIGN APPROVED BY:						APPROVAL DATE:					
APPROVAL DATE:											
AS BUILT											
REFERENCE DOCUMENT No.						REFERENCE DESCRIPTION		REV No.		DATE	
0						02/10/18		AS BUILT		AM LM PM	
A						20/08/18		ISSUED FOR CONSTRUCTION		AM LM PM	
DRAWN						CHKD		APPR			




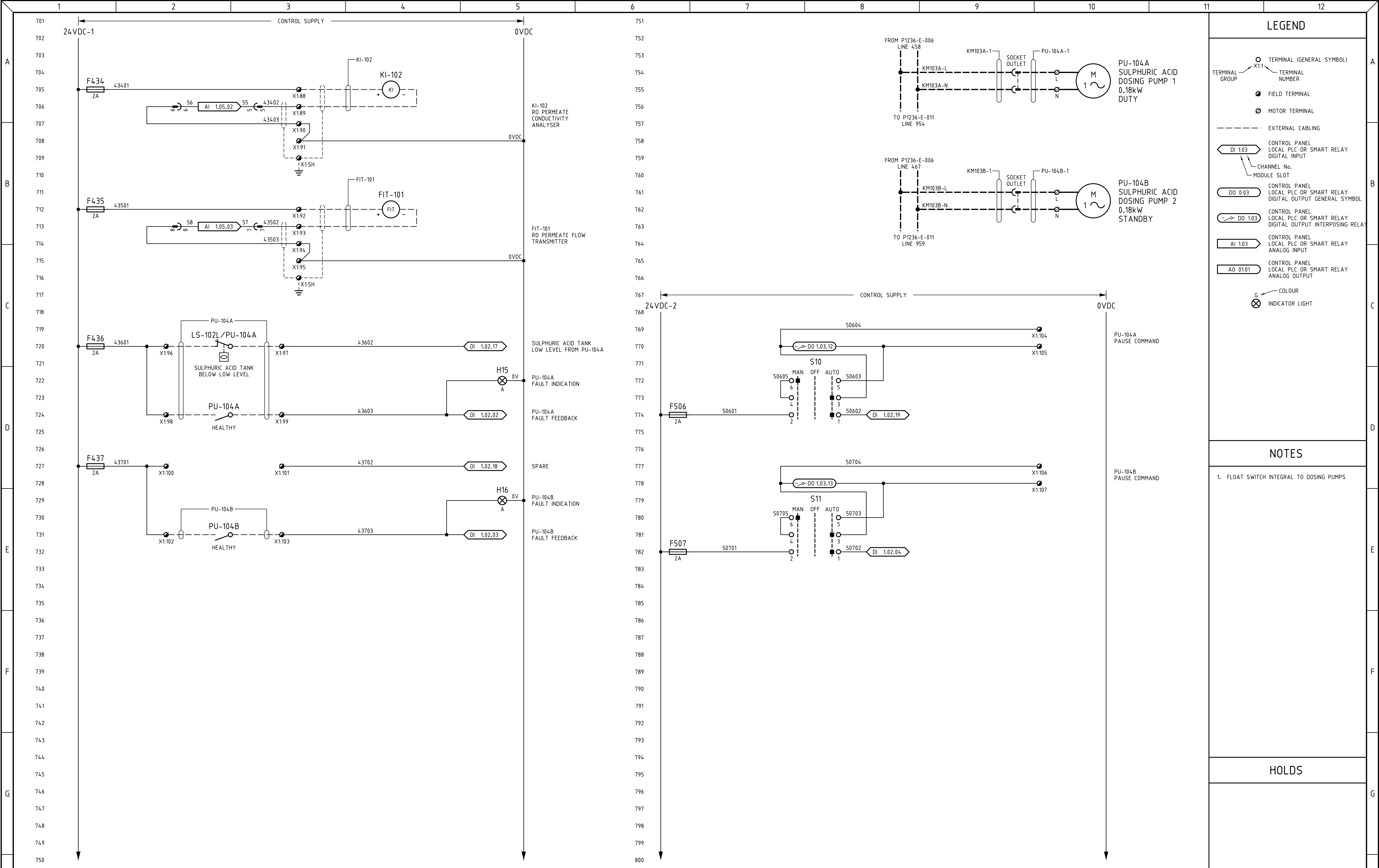
ALL DIMENSIONS IN MILLIMETRES						TECHWORX AUSTRALIA EC009337 ABN 59 077 882 869 1/6 Bushland Ridge, Bibra Lake WA 6163 Tel: (08) 9418 2900 www.techworxaustralia.com.au		EUCLA TOWN 50 M³/DAY RO WATER TREATMENT PLANT CONTROL PANEL SCHEMATIC DIAGRAM SHEET 4			REV No: 0
CLIENT: TRISTAR						SHEET SIZE: A1		SCALE: NTS		DRAWING No: P1236-E-006	
CLIENT JOB / P.O. No: P1236						TECHWORX JOB No: J130601					
DESIGN APPROVED BY:											
APPROVAL DATE:											
AS BUILT											
REFERENCE DOCUMENT No.											
REFERENCE DESCRIPTION											
REV No.											
DATE											
REVISION DESCRIPTION											
DRAWN											
CHKD											
APPR											
0											
10/10/18											
AS BUILT											
AM											
LM											
PM											
A											
20/08/18											
ISSUED FOR CONSTRUCTION											
AM											
LM											
PM											



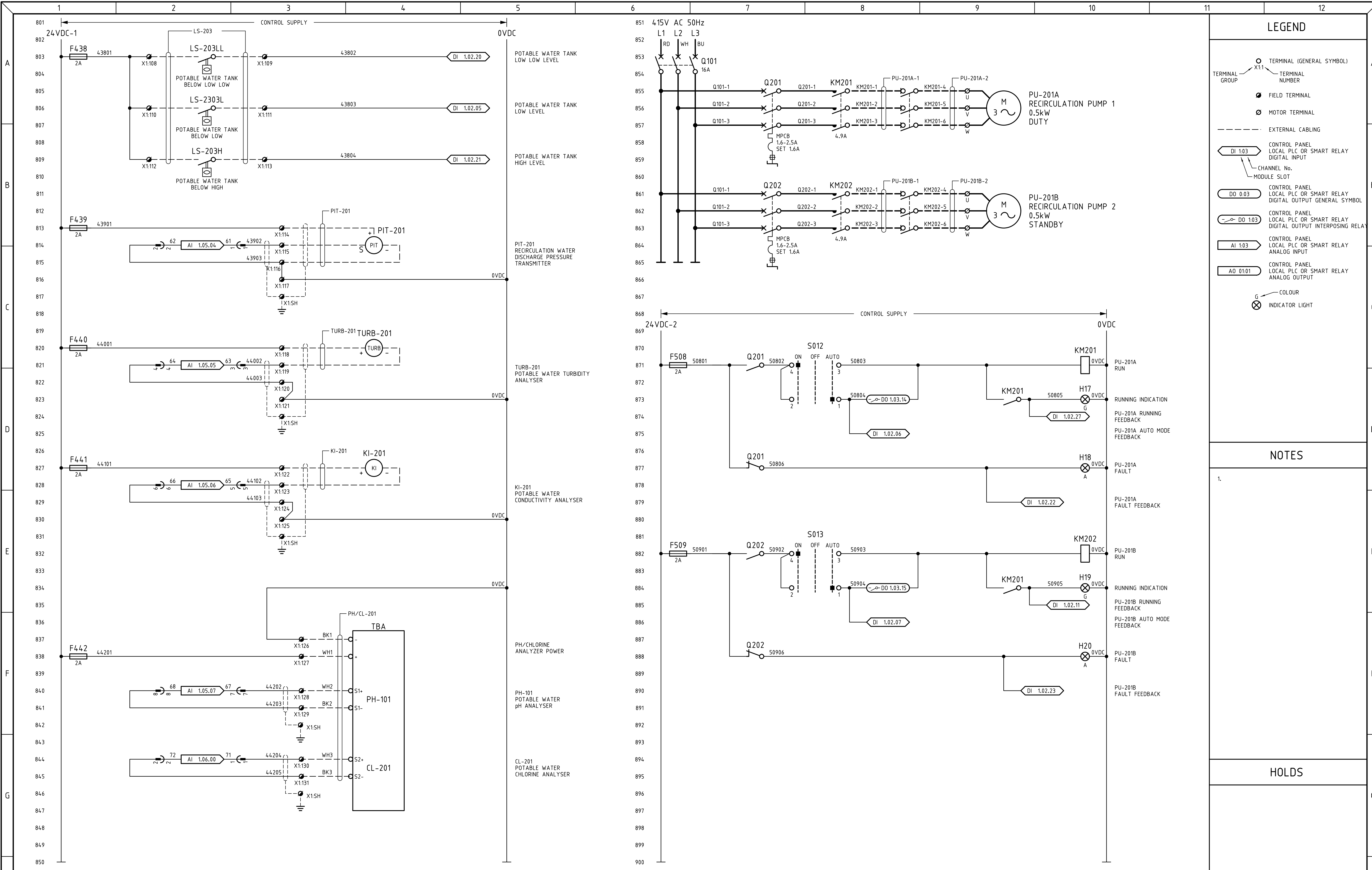
ALL DIMENSIONS IN MILLIMETRES											
<div>AS BUILT</div>						CLIENT:	TRISTAR				
						CLIENT JOB / P.O. No:	P1236				
						DESIGN APPROVED BY:					
						APPROVAL DATE:					
						<div>TECHWORX AUSTRALIA</div> <div>EC009337</div> <div>ABN 59 077 882 869</div> <div>1/6 Bushland Ridge, Bibra Lake WA 6163</div> <div>Tel: (08) 9418 2900</div> <div>www.techworxaustralia.com.au</div>			EUCLA TOWN		
						50 M³/DAY RO WATER TREATMENT PLANT			CONTROL PANEL		
						SCHEMATIC DIAGRAM SHEET 5					
						TECHWORX JOB No:	J130601	SHEET SIZE:	A1	SCALE:	NTS
						DRAWING No:	P1236-E-007	REV No:			0
REFERENCE DOCUMENT No.	REFERENCE DESCRIPTION		REV. No.	DATE	REVISION DESCRIPTION		DRAWN	CHKD	APPR		
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2			A	20/08/18	ISSUED FOR CONSTRUCTION		AM	LM	PM		




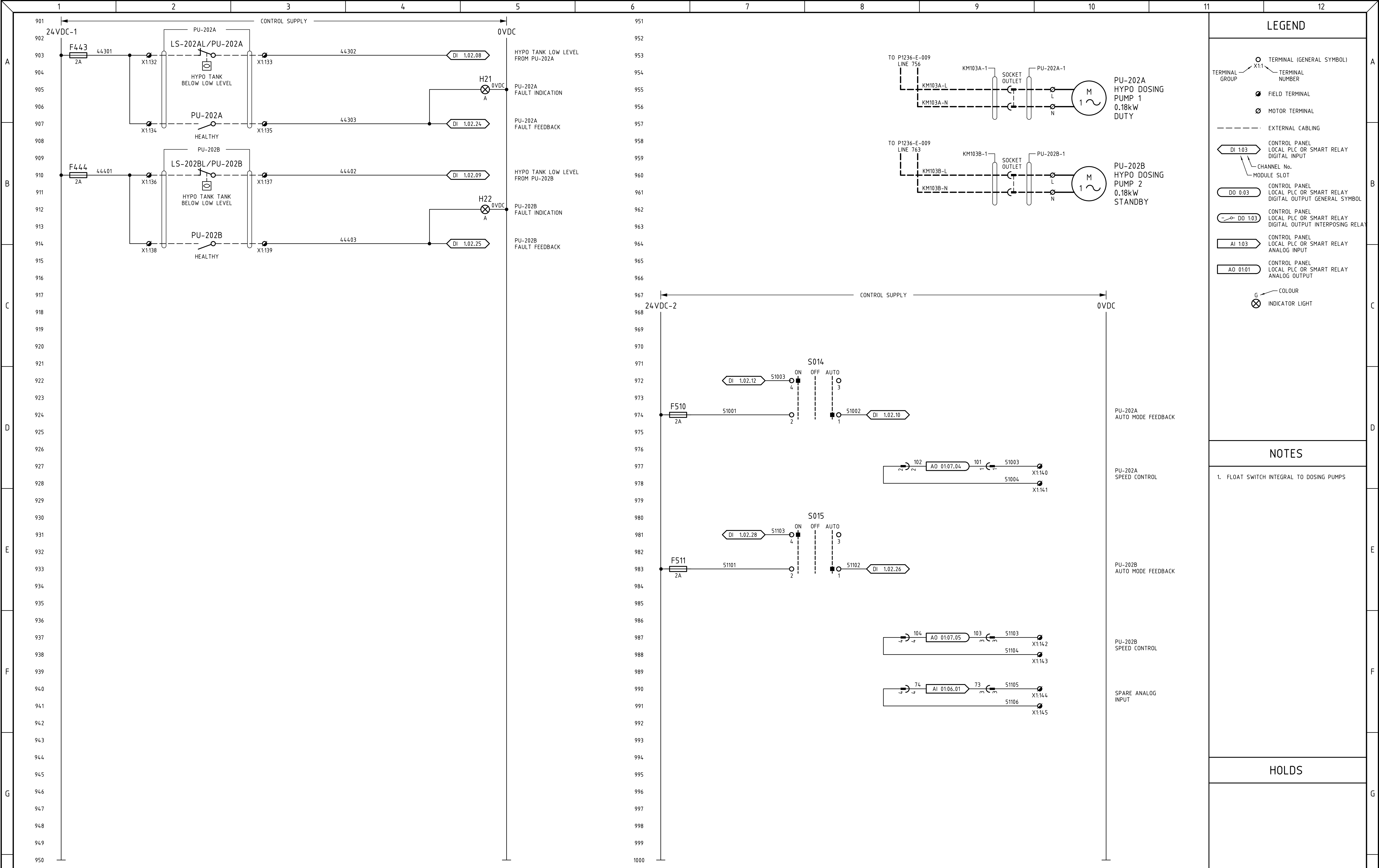
												<div>ALL DIMENSIONS IN MILLIMETRES</div> <div>CLIENT: TRISTAR</div> <div>CLIENT JOB / P.O. No: P1236</div> <div>DESIGN APPROVED BY:</div> <div>APPROVAL DATE:</div> <div>TECHWORX JOB No: J130601</div>			<div>TECHWORX AUSTRALIA</div> <div>EC009337</div> <div>ABN 59 077 882 869</div> <div>1/6 Bushland Ridge, Bibra Lake WA 6163</div> <div>Tel: (08) 9418 2900</div> <div>www.techworxaust.com.au</div>			<div>EUCLA TOWN</div> <div>50 M³/DAY RO WATER TREATMENT PLANT</div> <div>CONTROL PANEL</div> <div>SCHEMATIC DIAGRAM SHEET 6</div>						<div>SHEET SIZE: A1</div> <div>SCALE: NTS</div>		<div>DRAWING No: P1236-E-008</div>		<div>REV No: 0</div>	
												<div>AS BUILT</div>																	



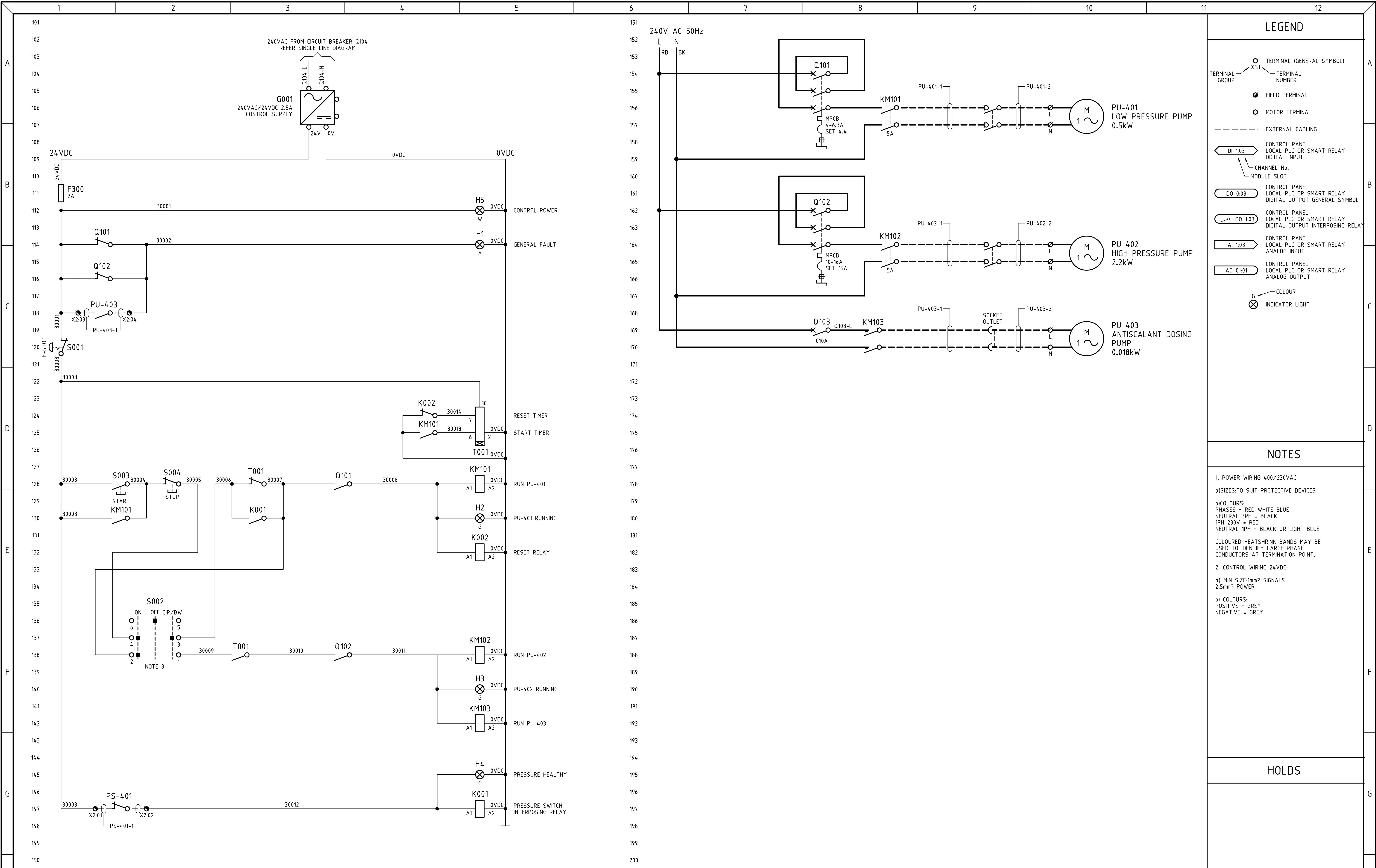
												ALL DIMENSIONS IN MILLIMETRES			<div><div>TECHWORX AUSTRALIA</div><div>EC009337</div><div>ABN 59 077 882 869</div><div>1/6 Bushland Ridge, Bibra Lake WA 6163</div><div>Tel: (08) 9418 2900</div><div>www.techworxaustr.com.au</div></div>		EUCLA TOWN 50 M³/DAY RO WATER TREATMENT PLANT CONTROL PANEL SCHEMATIC DIAGRAM SHEET 7								
												CLIENT:													
												TRISTAR													
												CLIENT JOB / P.O. No: P1236													
												DESIGN APPROVED BY:													
												APPROVAL DATE:		TECHWORX JOB No: J130601		SHEET SIZE: A1		SCALE: NTS		DRAWING No: P1236-E-009		REV No: 0			
												AS BUILT													
REFERENCE DOCUMENT No.		REFERENCE DESCRIPTION				REV No.	DATE	REVISION DESCRIPTION				DRAWN	CHKD	APPR											
1		2		3		4		5		6		7		8		9		10		11		12			




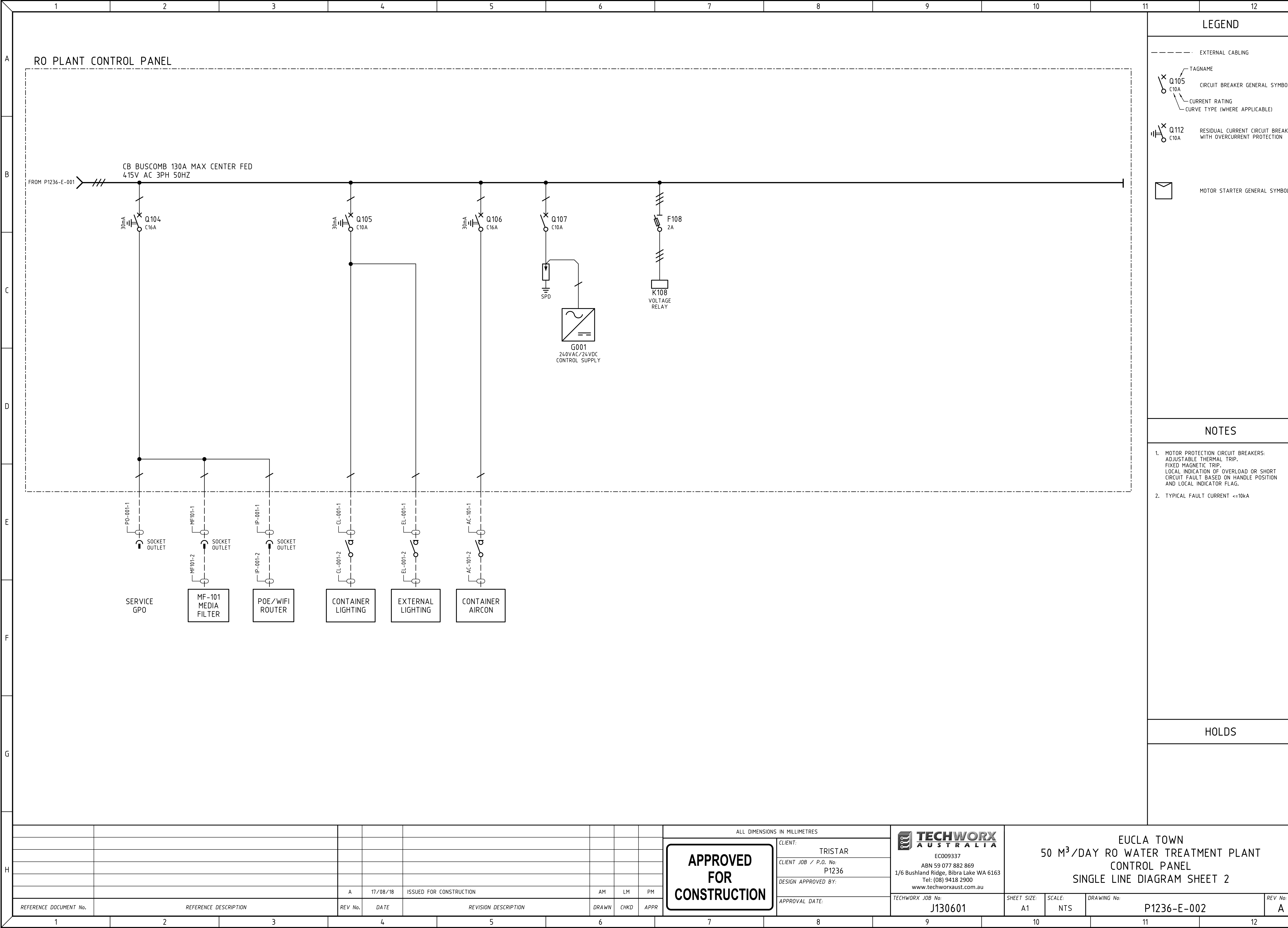
												ALL DIMENSIONS IN MILLIMETRES													EUCLA TOWN 50 M³/DAY RO WATER TREATMENT PLANT CONTROL PANEL SCHEMATIC DIAGRAM SHEET 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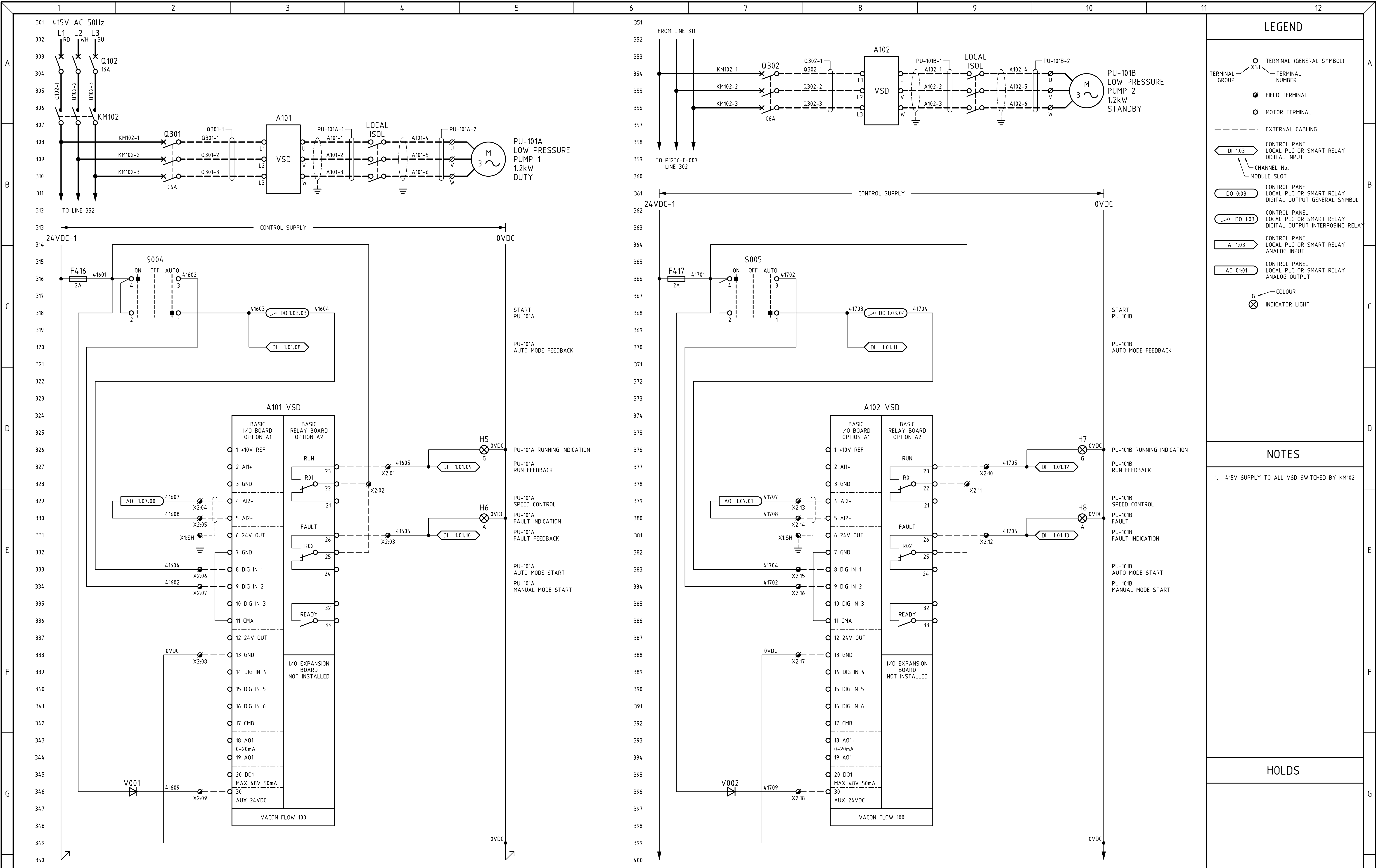


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<div>AS BUILT</div>						CLIENT:		<div><div>TECHWORX AUSTRALIA</div><div>EC009337</div><div>ABN 59 077 882 869</div><div>1/6 Bushland Ridge, Bibra Lake WA 6163</div><div>Tel: (08) 9418 2900</div><div>www.techworxaust.com.au</div></div>															
						CLIENT JOB / P.O. No:																	
						P1236																	
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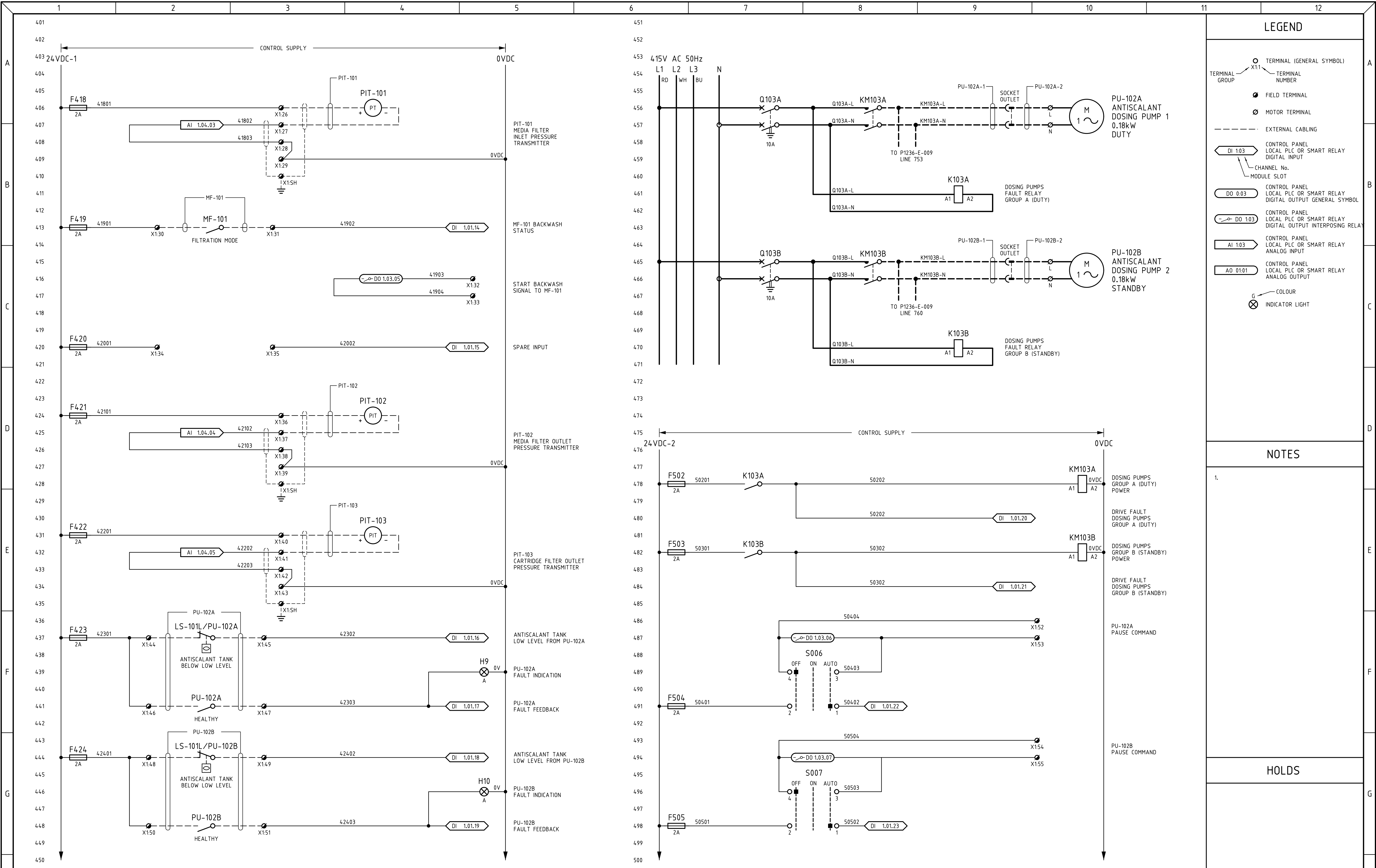
												ALL DIMENSIONS IN MILLIMETRES						 <div>TECHWORX AUSTRALIA</div> <div>EC009337</div> <div>ABN 59 077 882 869</div> <div>1/6 Bushland Ridge, Bibra Lake WA 6163</div> <div>Tel: (08) 9418 2900</div> <div>www.techworxaustr.com.au</div>		EUCLA TOWN 90 LT/H RO WATER TREATMENT PLANT CONTROL PANEL MULTILINE DIAGRAM SHEET 1																																																																																																																											
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ALL DIMENSIONS IN MILLIMETRES											
CLIENT: TRISTAR											
CLIENT JOB / P.O. No: P1236											
DESIGN APPROVED BY:											
APPROVAL DATE:											
TECHWORX AUSTRALIA EC009337 ABN 59 077 882 869 1/6 Bushland Ridge, Bibra Lake WA 6163 Tel: (08) 9418 2900 www.techworxaust.com.au											
EUCLA TOWN 50 M³/DAY RO WATER TREATMENT PLANT CONTROL PANEL SCHEMATIC DIAGRAM SHEET 3											
SHEET SIZE: A1 SCALE: NTS DRAWING No: P1236-E-005 REV No: A											

REFERENCE DOCUMENT No.	REFERENCE DESCRIPTION	REV No.	DATE	REVISION DESCRIPTION	DRAWN	CHKD	APPR
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LEGEND

- X1.1 TERMINAL (GENERAL SYMBOL)
- X1.1 TERMINAL NUMBER
- FIELD TERMINAL
- MOTOR TERMINAL
- EXTERNAL CABLING
- DI 1.03 CONTROL PANEL LOCAL PLC OR SMART RELAY DIGITAL INPUT
- DO 0.03 CONTROL PANEL LOCAL PLC OR SMART RELAY DIGITAL OUTPUT GENERAL SYMBOL
- DO 1.03 CONTROL PANEL LOCAL PLC OR SMART RELAY DIGITAL OUTPUT INTERPOSING RELAY
- AI 1.03 CONTROL PANEL LOCAL PLC OR SMART RELAY ANALOG INPUT
- AO 01.01 CONTROL PANEL LOCAL PLC OR SMART RELAY ANALOG OUTPUT
- COLOUR INDICATOR LIGHT

NOTES

1. Dosing Pumps Group A (Duty) Power
Drive Fault Dosing Pumps Group A (Duty)
Dosing Pumps Group B (Standby) Power
Drive Fault Dosing Pumps Group B (Standby)
PU-102A Pause Command

HOLDS

REFERENCE DOCUMENT No.				REFERENCE DESCRIPTION				REV. No.				DATE				REVISION DESCRIPTION				DRAWN				CHKD				APPR			
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ALL DIMENSIONS IN MILLIMETRES

CLIENT: TRISTAR

CLIENT JOB / P.O. No: P1236

DESIGN APPROVED BY:

APPROVAL DATE:

TECHWORX AUSTRALIA

EC009337

ABN 59 077 882 869

1/6 Bushland Ridge, Bibra Lake WA 6163

Tel: (08) 9418 2900

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TECHWORX JOB No: J130601

SHEET SIZE: A1

SCALE: NTS

DRAWING No: P1236-E-006

REV No: A

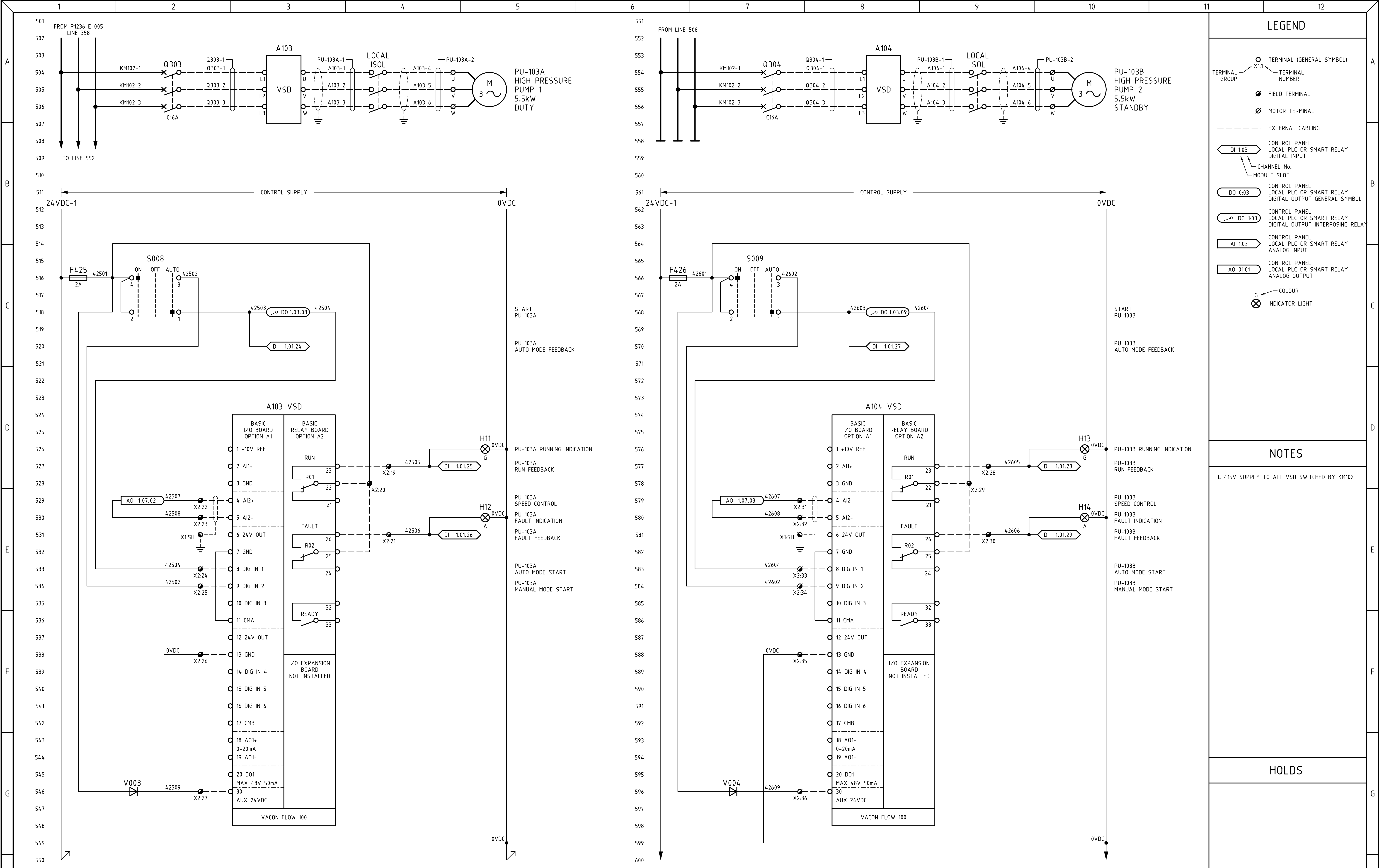
APPROVED FOR CONSTRUCTION

EUCLA TOWN

50 M³/DAY RO WATER TREATMENT PLANT

CONTROL PANEL

SCHEMATIC DIAGRAM SHEET 4



REFERENCE DOCUMENT No.			REFERENCE DESCRIPTION			REV. No.	DATE	REVISION DESCRIPTION			DRAWN	CHKD	APPR
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ALL DIMENSIONS IN MILLIMETRES

CLIENT: TRISTAR

CLIENT JOB / P.O. No: P1236

DESIGN APPROVED BY:

APPROVAL DATE:

APPROVED FOR CONSTRUCTION

TECHWORX AUSTRALIA

EC009337

ABN 59 077 882 869

1/6 Bushland Ridge, Bibra Lake WA 6163

Tel: (08) 9418 2900

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TECHWORX JOB No: J130601

SHEET SIZE: A1

SCALE: NTS

DRAWING No: P1236-E-007

REV No: A

EUCLA TOWN
50 M³/DAY RO WATER TREATMENT PLANT
CONTROL PANEL
SCHEMATIC DIAGRAM SHEET 5



Certificate number **AA 4218163**

ELECTRICAL SAFETY CERTIFICATE

Electricity (Licensing) Regulations 1991, Regulation 52B

This certificate warrants that the electrical installing work described below is safe and complies with the *Electricity (Licensing) Regulations 1991*.

This Electrical Safety Certificate is the certificate of compliance referred to in Regulation 52B of the *Electricity (Licensing) Regulations 1991*. This regulation requires that the electrical contractor/authorised¹ electrician completing electrical installing work must, within 28 days of completing the work, provide a certificate of compliance in respect of the work to the person for whom the work was carried out.

Installation details

Owner/Occupier Name	Andrew Dooley	Meter No.	88N19480
Address	Lot 17 Patupis St Eucla		
New Installation (Y/N)		Alteration/Addition (Y/N)	<input checked="" type="checkbox"/>
Date of Completion	27-10-18		

Details of work completed (indicate a number/rating where relevant)

General description of the work:	Remove redundant Water Treatment Plant and install a new system. Install supply to new NBN building already pre-wired.
----------------------------------	------------------------------------------------------------------------------------------------------------------------

The following detailed information MUST ALSO be provided – indicate the number or rating in each category

Lights	1	Water Heaters		RCDs	6
Socket Outlets	7+2	Motors	6	Smoke Alarms	
Cooking Appliances		Air Conditioners	1		

Details of RCD Protection

All the socket outlet and lighting final subcircuits of the installation are protected by at least two RCDs?	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
If NO, what circuits are not protected:	As below required circuits by AS3000 not protected by RCD in existing Distribution Board.			

Details of any defects observed (alterations and additions only)

Required circuits by AS3000 not protected by R.C.D's in existing Distribution Board. Sub main feeding Distribution Board requires upgrading. Both these points were discussed with you and your EC

Certification by authorised¹ electrician who completed the work

I certify that the electrical installing work that is subject of this certificate has been completed, checked and tested and, at the time of testing, met the requirements of the <i>Electricity (Licensing) Regulations 1991</i> and is safe.	Name (please print)	Sean Peters						
	Signature							
	Licence No.	EW	1	2	7	5	1	1
	Details of electrical contractor							
	Licence No.	EC	1	3	5	4	3	
	Business Name	Tristor Water Solutions						
Business Address	56 Peel Rd O'Connor							
Phone No.	9331 6133							
Date	29-10-18	Facsimile No.						

¹ Authorised pursuant to Regulation 52B(5) of the *Electricity (Licensing) Regulations 1991*