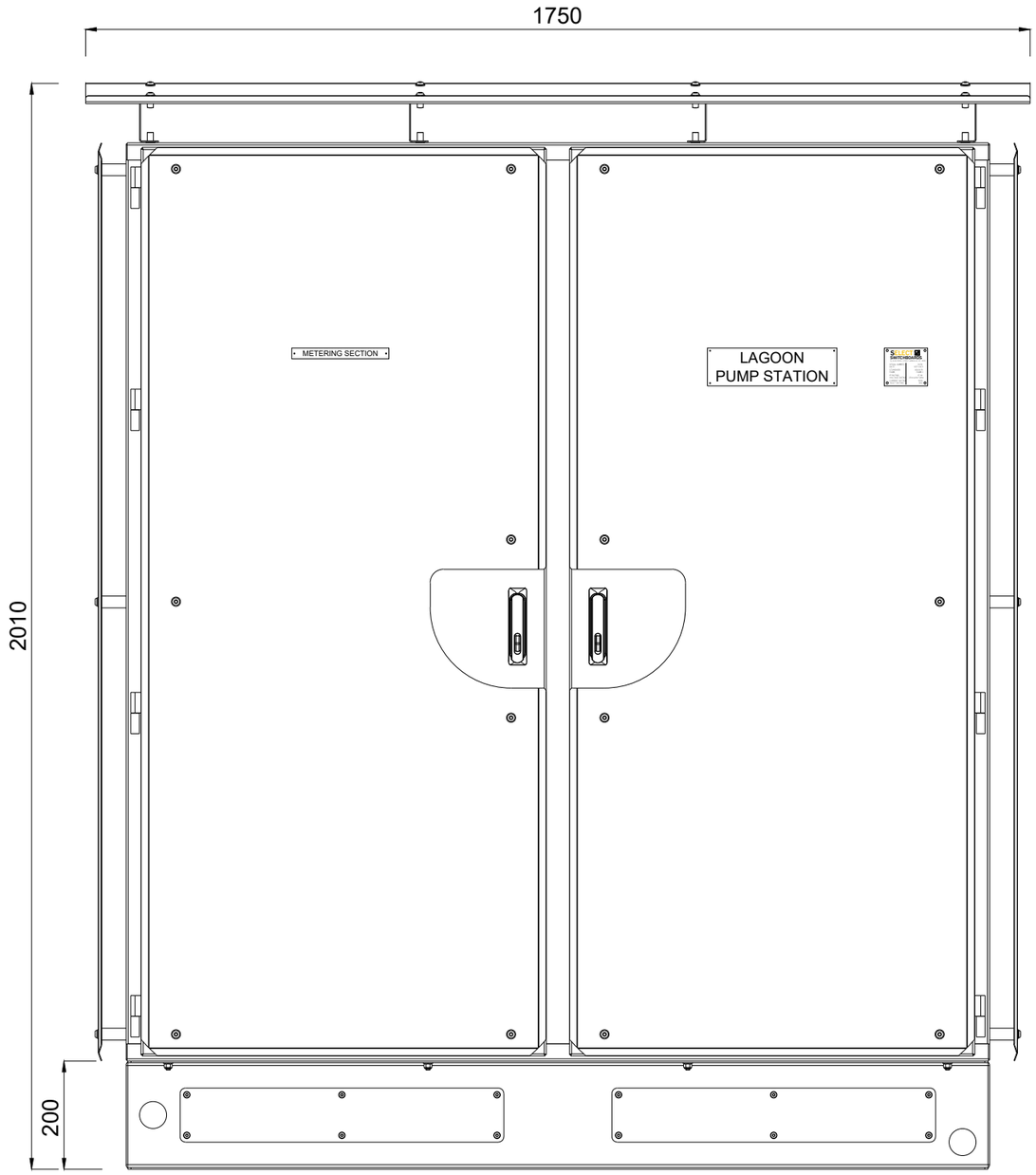
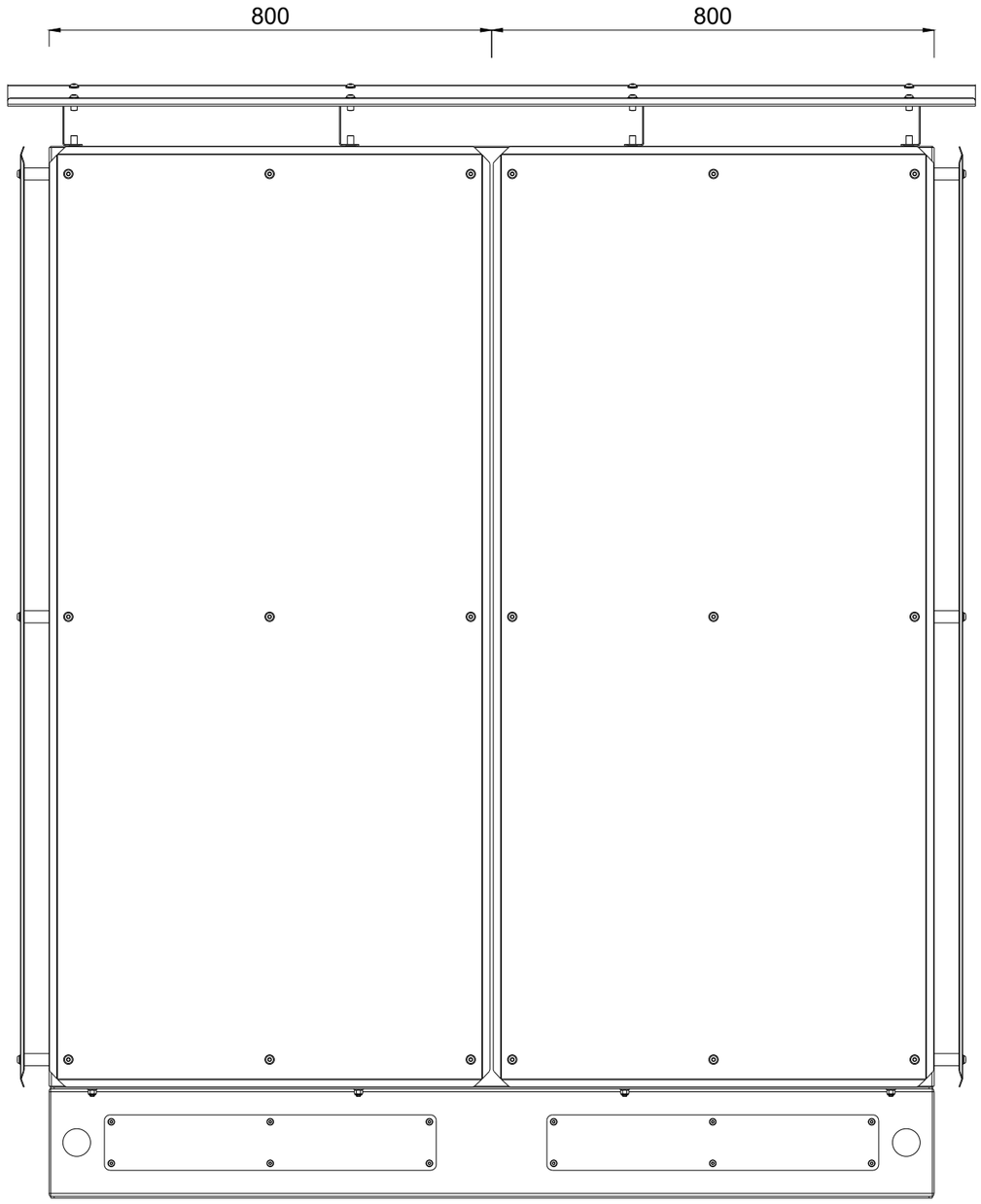
FRONT VIEW WITH DOOR



FRONT VIEW WITHOUT DOOR



MANUFACTURER:

SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

PROJECT:	LAGOON PUMP SWITCHBOARD
LOCATION:	45 STOKES HILL ROAD - LOT 10156
TITLE:	MAIN SWITCHBOARD
DESCRIPTION:	SWITCHBOARD LAYOUT 1

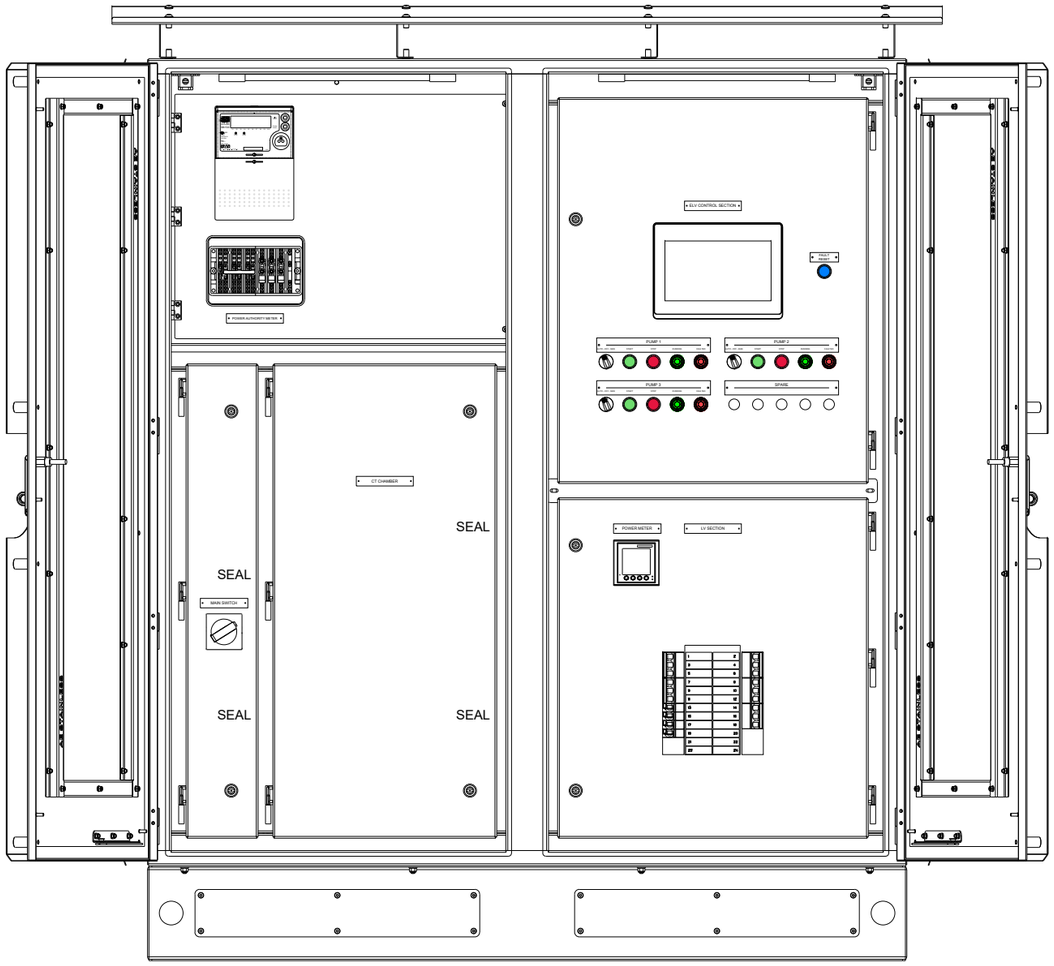
DRAWING SET: SSD-11239-1-1 [0]

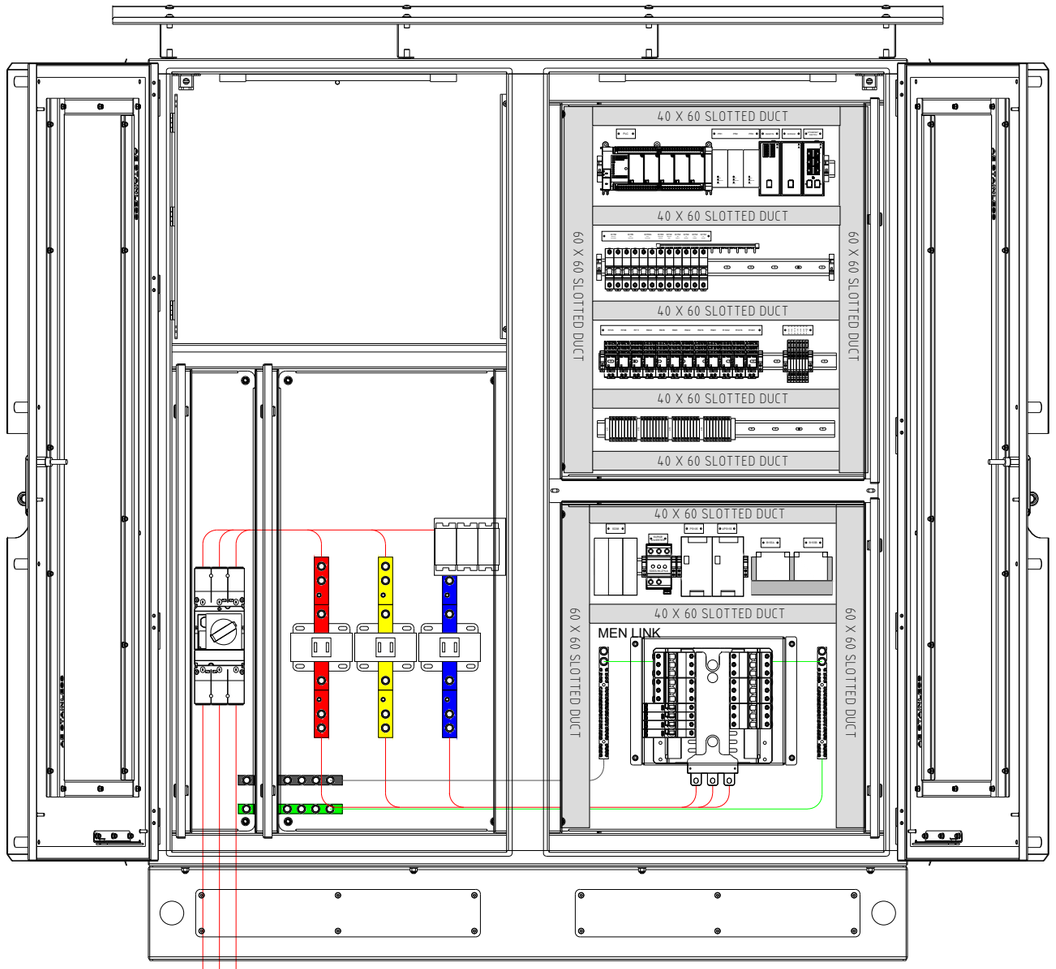
DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	1 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB

FRONT VIEW WITHOUT ESCUTCHEON





MANUFACTURER:

SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

PROJECT:	LAGOON PUMP SWITCHBOARD
LOCATION:	45 STOKES HILL ROAD - LOT 10156
TITLE:	MAIN SWITCHBOARD
DESCRIPTION:	SWITCHBOARD LAYOUT 2

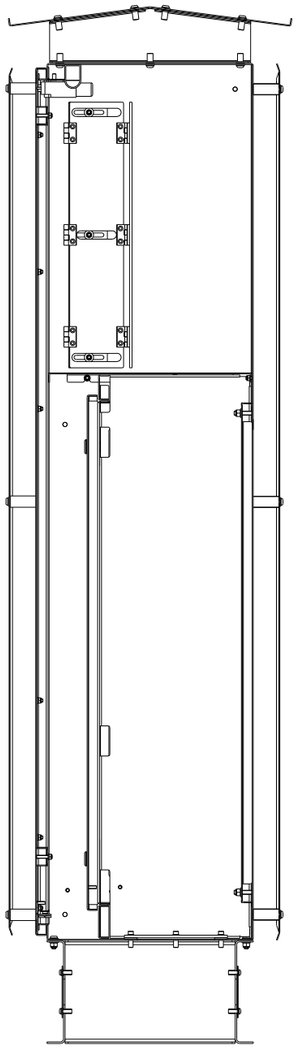
DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	2 OF 19

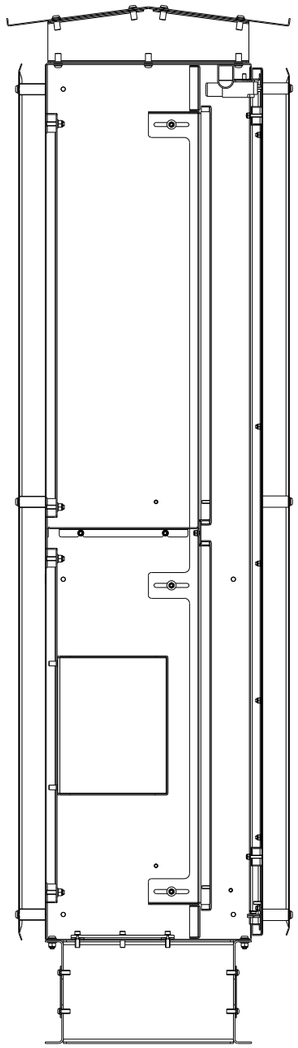
DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB

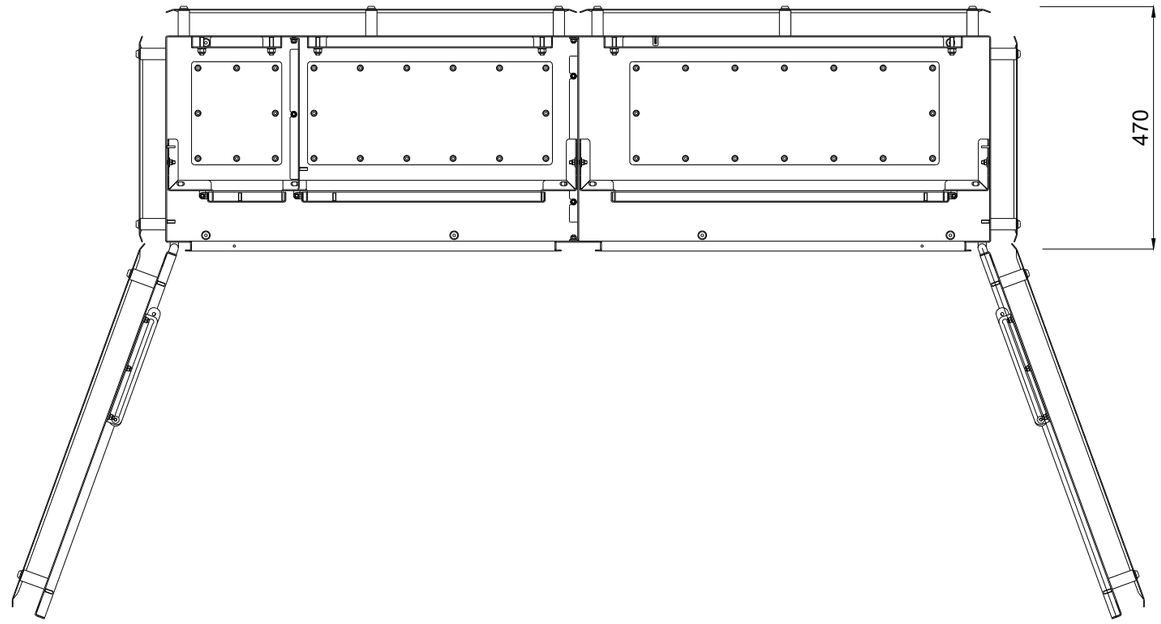
RIGHT SIDE SECTION VIEW



LEFT SIDE SECTION VIEW



GLAND PLATE SECTION VIEW



MANUFACTURER:

SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

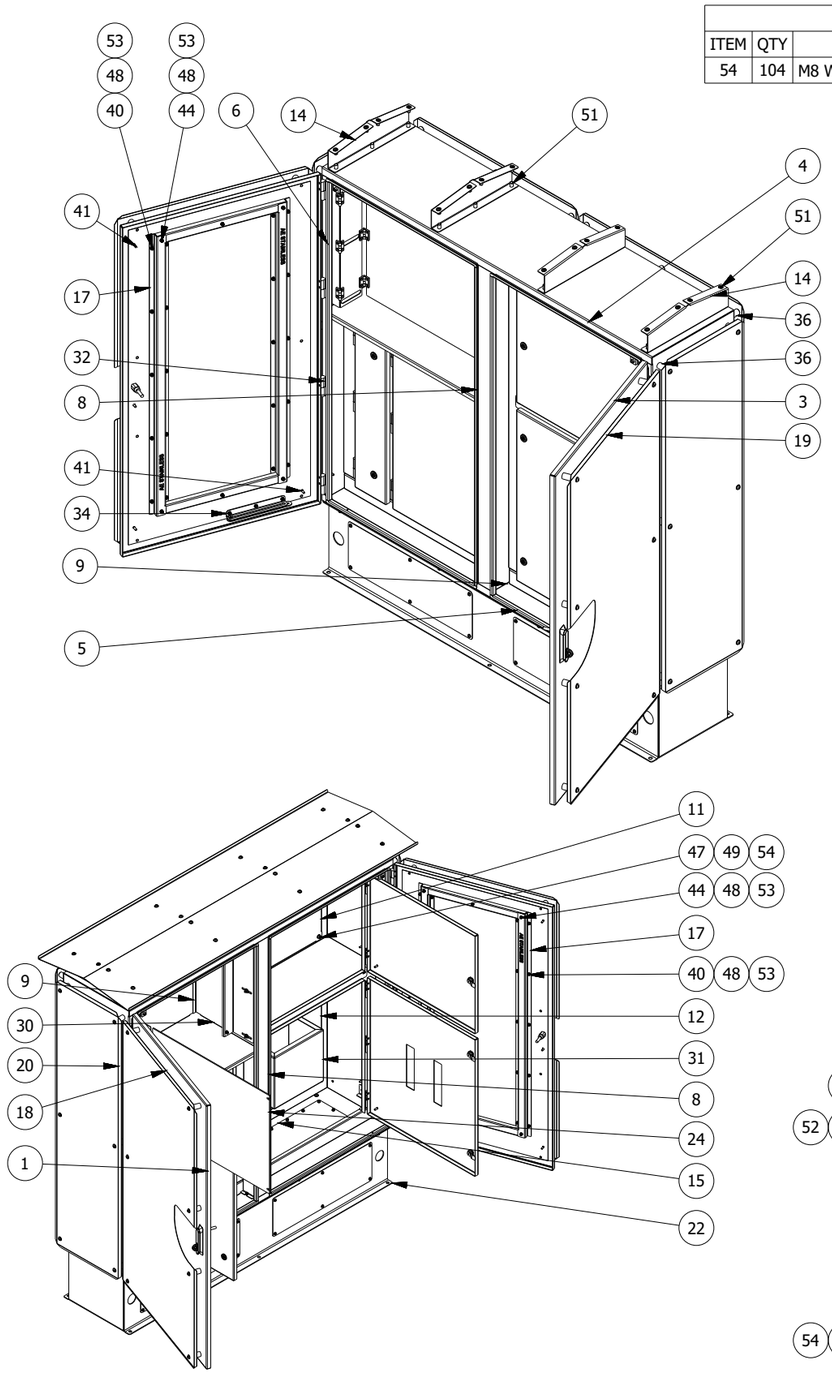
PROJECT:	LAGOON PUMP SWITCHBOARD
LOCATION:	45 STOKES HILL ROAD - LOT 10156
TITLE:	MAIN SWITCHBOARD
DESCRIPTION:	SWITCHBOARD LAYOUT 3

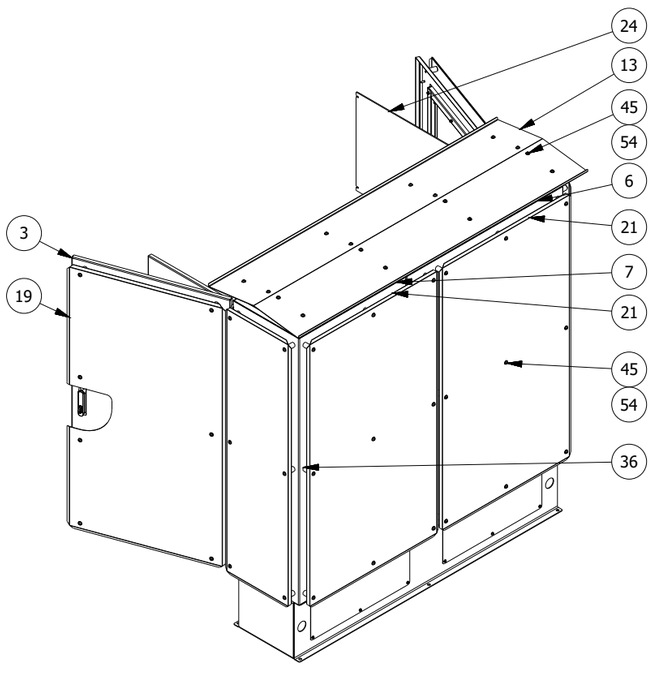
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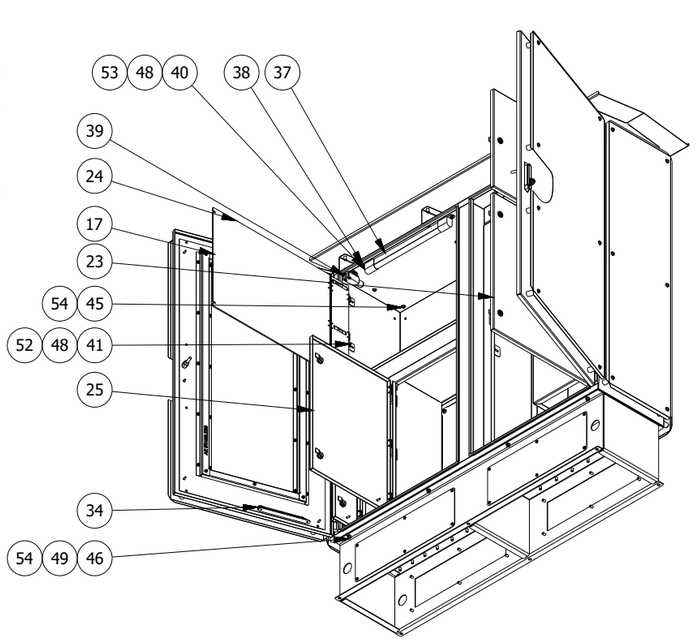
DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	3 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB







BILL OF MATERIALS					
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	THICKNESS
54	104	M8 Washer	M8 Washer	Stainless Steel	

BILL OF MATERIALS					
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	THICKNESS
1	1	LD35327.001	T1C1 Door	SS316N4	2 mm
2	1	LD35327.002	T1C2 Gear Tray LHS	Zinc	2 mm
3	1	LD35327.003	T2C1 Door	SS316N4	2 mm
4	1	LD35327.005	Top	SS316N4	2 mm
5	1	LD35327.006	Bottom	SS316N4	2 mm
6	1	LD35327.007	Body LHS	SS316N4	2 mm
7	1	LD35327.008	Body RHS	SS316N4	2 mm
8	1	LD35327.009	T1 Mullion	SS316N4	2 mm
9	1	LD35327.010	T2 Vertical Divider.	SS316N4	2 mm
10	1	LD35327.011	T1C2 Gear Tray RHS	Zinc	1.9 mm
11	1	LD35327.012	T1C2 Gear Tray LHS	Zinc	1.9 mm
12	1	LD35327.016	T1C2 Gear Tray LHS	Zinc	2 mm
13	1	LD35327.017	Roof	SS316N4	2 mm
14	4	LD35327.019	Roof Bracket	SS316N4	2 mm
15	1	LD35327.020	Gland Plate - 600x200x5mm	AL5005	5 mm
16	1	LD35327.022	GP Seal - 600x200x3mm	Rubber	3 mm
17	2	LD35327.024	Front Door Stiffener Assy	SS316N4	1.5 mm
18	1	LD35327.030	T1C1 Door Sunshield	SS316N4	1.5 mm
19	1	LD35327.031	T2C1 Front Door Sunshield	SS316N4	1.5 mm
20	2	LD35327.033	Side Sunshield	SS316N4	1.5 mm
21	2	LD35327.034	Back Sunshield	SS316N4	1.5 mm
22	1	LD35327.035	Plinth Assy	SS316N4	3 mm
23	1	LD35327.040	T1C1 Escutcheon Assy	Zinc	2 mm
24	1	LD35327.054	T2C1 Back Type-X Assy	SS316N4	2 mm
25	1	LD35327.060	T2C2 Back Escutcheon Assy	Zinc	2 mm
26	1	LD35327.069	Gland Plate - 150x150x5mm	AL5005	5 mm
27	1	LD35327.070	Gland Plate - 450x150x5mm	AL5005	5 mm
28	1	LD35327.071	GP Seal - 150x150x3mm	Rubber	3 mm
29	1	LD35327.072	GP Seal - 450x150x3mm	Rubber	3 mm
30	1	LD35327.074	T1C1 Horz. Divider	SS316N4	2 mm
31	1	LD35327.075	Top Hat 01	Zinc	1.9 mm
32	8	PH75SS	SS Pintle Hinge	Stainless Steel	
33	2	SSLockswing-L	Padlock SSLockSwing-L	Stainless Steel	
34	1	SS-DS-242-L	LH Hinge Door Stay	Stainless Steel	
35	1	SS-DS-242-R	RH Hinge Door Stay	Stainless Steel	
36	44	COM10005.002	50mm Stand Off (Stainless)	Stainless Steel	
37	2	Lamp-230VAC-490	Lamp -230VAC-490		
38	4	COM10194	Light Wall Mount Adaptor	SS316N4	
39	2	STD LIGHT SWITCH SETUP-02	SS BOX - AES SWITCH	Stainless Steel	
40	74	M6x12-CD Stud	M6x12 WELD STUD	Stainless Steel	
41	27	M6x16-CD Stud	M6x16 WELD STUD	Stainless Steel	
42	4	M6x12 Socket HD Cap Screw	M6x12 Socket HD Cap Screw	Stainless Steel	
43	38	M6x20 Socket HD Cap Screw	M6x20 Socket HD Cap Screw	Stainless Steel	
44	12	M6x30-CD Stud	M6x30 WELD STUD	Stainless Steel	
45	72	M8x12 Hex Button Head	Hexagon Socket Button Head Screw	Stainless Steel	
46	8	M8x20 Button HD	M8x20 Button HD	Stainless Steel	
47	16	M8x35-CD Stud	M8x35 WELD STUD	Stainless Steel	
48	102	M6 Hex Nyloc	M6 Hex Nyloc	Stainless Steel	
49	24	M8 Hex Nyloc	M8 Hex Nyloc	Stainless Steel	
50	42	M6 Nutsert	M6 Nutsert	Stainless Steel	
51	28	M8 Nutsert	Std M8 SS Nutsert	Stainless Steel	
52	16	M6 Large Washer	M6 Large Washer	Stainless Steel	
53	128	M6 Washer	M6 Washer	Stainless Steel	

MANUFACTURER:
SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:
RAM
REGIONAL ASSET MAINTENANCE

PROJECT: LAGOON PUMP SWITCHBOARD
LOCATION: 45 STOKES HILL ROAD - LOT 10156
TITLE: MAIN SWITCHBOARD
DESCRIPTION: SWITCHBOARD LAYOUT 4

DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	4 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB

PARTS LIST - SSD-11239-1-1

#	SECTION	QUANTITY	PART NUMBER	DESCRIPTION	MANUFACTURER
1	ENCLOSURE	1	CUSTOM	SELECT CUSTOM ENCLOSURE	SELECT
2	MAIN SWITCH SECTION	1	C25F3TM160	NSX250F 36KA AC 3P3D 160A TMD	SCHNEIDER
3		1	LV429338T	ROTARY HANDLE EXT 100-250 BLK.	SCHNEIDER
4		1	LV429517	1 3P LONG TERMINAL SHIELD	SCHNEIDER
5		1	LV429375	SEALING ACCESSORIES	SCHNEIDER
6	METERING	1	KWHTB02	METERING TEST BLOCK	IPD
7		3	SC32H	FUSE FITTING 32A SAFECLIP	IPD
8		3	NS10	FUSE LINK 10A 415V F1 CLIP-IN	IPD
9		1	SELECT-SFB	SERVICE FUSE BRACKET	SELECT
10	DISTRIBUTION	1	SAU25036183	A9 SAU CHASSIS 3PH 250A 18MM 36P TBF	SCHNEIDER
11		10	A9F54104	ACTI9 IC60H 1P C 4A MCB	SCHNEIDER
12		3	A9F54210	ACTI9 IC60H 2P C 10A MCB	SCHNEIDER
13		2	A9D11806	IC60H RCBO 1PPNS 6A C 30MA A 230V	SCHNEIDER
14		3	A9F55363	ACTI9 IC60H 3P D 63A MCB	SCHNEIDER
15		1	A9D11810	IC60H RCBO 1PPNS 10A C 30MA A 230V	SCHNEIDER
16		1	A9F54106	ACTI9 IC60H 1P C 6A MCB	SCHNEIDER
17		1	A9F54306	ACTI9 IC60H 3P C 6A MCB	SCHNEIDER
18		1	ENB-DE24	DE RANGE - NEUTRAL BAR 24 WAY	ALLBRO
19	CONTROLS	1	2080LC5048QWB	M850 28DI 20DO RELAY ENET RS232/485 24V DC	NHP
20		1	2080IF2	M820/M830/M850 PLUG-IN 2AI 0-20MA/0-10VDC	NHP
21		1	2711RT10T	PV800 10IN TFT TOUCH COLOR ENET SERIAL 24VDC	NHP
22		1	SDR-240-24	24V / 10.0A DIN RAIL POWER SUPPLY 63 X 125.2 X 113.5 MM	MEANWELL
23		1	DR-UPS40	24V / 40.0A UPS MODULE DIN RAIL POWER SUPPLIES 55.5 X 125.2 X 100MM	MEANWELL
24		25	RXM4AB2BD	MINIATURE RELAY LED 4C/O 24VDC	SCHNEIDER
25		25	RXZE2S114M	SEPARATED CONN SOCKET FOR RXM2/4	SCHNEIDER
26		3	11-P2CF11	MINI CAS RELAY BASE	FLYGT
27		3	40-501560	MINI CAS 11 230VAC - CONFIRM VOLTAGE FOR 24VDC BEFORE ORDER	FLYGT
28		2	BATTERIES	BATTERIES	BPC
29		1	ZB5AA6	PUSHBUTTON OPERATOR HEAD	SCHNEIDER
30		1	ZB5AZ101	SCREW TERMINAL CONTACT B	SCHNEIDER
31		3	ZB5AA3	PUSHBUTTON OPERATOR HEAD	SCHNEIDER
32		3	ZB5AZ101	SCREW TERMINAL CONTACT B	SCHNEIDER
33		3	ZB5AA4	PUSHBUTTON OPERATOR HEAD	SCHNEIDER
34		3	ZB5AZ102	SCREW TERMINAL CONTACT B	SCHNEIDER
35		3	ZB5AD3	SELECTOR OPERATING HEAD	SCHNEIDER
36		3	ZB5AZ103	SCREW TERMINAL CONTACT B	SCHNEIDER
37		3	ZBE101	NO SCREW TERMINAL CONTACT	SCHNEIDER
38		3	XB5AVB3	PILOT LIGHT, COMPLETE, 24V, GREEN	SCHNEIDER
39		3	XB5AVB4	PILOT LIGHT, COMPLETE, 24V, RED	SCHNEIDER
40	OTHER	1	DINGP10	DIN MOUNT GPO	IPD
41		1	1085039	FL SWITCH 1005N	PHOENIX
42		1	X-410-I	MODBUS MASTER CONTROLLER	CBW
43		1	GL-X300B	4G MODEM & ANTENNA	GL-INET
44		1	SDD3-50-275	SURGE DIVERTER, 3PH, 50KA, DINSAFE, 3 MODE	NOVARIS
45		3	SCB1-3-25	1 PHASE 3 AMP 25KA 10/350 CIRCUIT BREAKER	NOVARIS

MANUFACTURER: SELECT SWITCHBOARDS A RENKO GROUP COMPANY

CLIENT: RAM REGIONAL ASSET MAINTENANCE

PROJECT: LAGOON PUMP SWITCHBOARD
LOCATION: 45 STOKES HILL ROAD - LOT 10156
TITLE: MAIN SWITCHBOARD
DESCRIPTION: PARTS LIST

DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	5 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB

ASSEMBLY CONSTRUCTION NOTES

ENCLOSURE	CUSTOM	
MATERIAL	ENCLOSURE	1.5MM STAINLESS STEEL
	DOORS/COVERS	1.5MM STAINLESS STEEL
		STAINLESS STEEL QUARTER TURN LOCK
		EXTERNAL PINTAL HINGE
	ESCUTCHEON	BUTT HINGED 1.6MM MILD STEEL
		QUARTER TURN LOCK
	MOUNTING PANS	2MM MILD STEEL
	GLAND PLATES	5MM ALLUMINIUM
FINISH	ELECTROSTATIC POWDERCOATED TO AS 2700-2011	
	EXTERNAL	NATURAL N4 BRUSHED
	ESCUTCHEON	INTERPON 610 BRIGHT WHITE GLOSS (MA030A)
	MOUNTING PANS	INTERPON 610 BRIGHT WHITE GLOSS (MA030A)
	INTERNAL BRACKETS	INTERPON 610 BRIGHT WHITE GLOSS (MA030A)
EARTHING	SYSTEM EARTHING	TN-S
	DOORS	6MM EARTH CABLE FOR EQUIPOTENTIAL BONDING
	ESCUTCHEON	6MM EARTH CABLE FOR EQUIPOTENTIAL BONDING
	GLAND PLATES	NA
RATINGS	BUILT TO STANDARDS	AS61439:2016
		AS3000:2018
		AS3008:2017
	DEGREE OF PROTECTION	IP 66
	FORM OF INTERNAL SEPARATION	FORM 2B
	RATED INSULATION VOLTAGE U i	500V
	RATED IMPULSE VOLTAGE U imp	4KV
	RATED DIVERSITY FACTOR	0.6
	POLLUTION DEGREE	4 - CONDUCTIVE POLLUTION OCCURS (RAIN OR DUST)
	EMC ENVIRONMENT	B - DOMESTIC & LIGHT COMMERCIAL
	ARC FAULT CONTAINMENT	NO - NOT REQUIRED
SUPPLY RATINGS	RATED CONTINUOUS CURRENT I na	160A
	RATED VOLTAGE U n	415VAC + 3P + N + E
	RATED FREQUIRENCY Fn	50Hz
	FAULT RATING Icc (UPSTEAM MCCB)	NA
	FAULT WITHSTAND Icw	36KA FOR 1s
	FAULT WITHSTAND Icp	36KA
FUNCTIONAL UNIT TYPE	MAIN SWITCH	FIXED
	GENERAL COMPARTMENTS	FIXED
	CHASSIS MOUNTED EQUIPMENT	FIXED
BUSBAR TYPE	MAIN BUS	NA
	CHASSIS	INSULATED COPPER
	CHASSIS NEUTRAL / EARTH	CUSTOM
COOLING METHOD	NATURAL CONVECTION - NON VENTILATED	
MOUNTING	FREE STANDING STAND ALONE TYPE ASSEMBLY	
GENERAL NOTES	OUTDOOR STATIONARY ASSEMBLY	
	FOR USE BY SKILLED PERSONS	
	BASIC PROTECTION BY ENCLOSURE(S)	
	TERMINALS SUIT COPPER CONDUCTORS	
LABELLING	LABELS TO BE WHITE ACRYLIC WITH ENGRAVED BLACK LETTERING	
	ALL LABELS TO BE FITTED WITH DOUBLE SIDED TAPE	
	ALL LABELS TO BE FIXED WITH MINIMUM 2 MOUNTING SCREWS	
	EMERGENCY OR SAFETY SERVICES LABELS TO BE RED WITH ENGRAVED WHITE LETTERING	
	ESSENTIAL SERVICES LABELS TO BE WHITE WITH ENGRAVED RED LETTERING	
	CRITICAL SERVICES LABELS TO BE WHITE WITH ENGRAVED BLUE LETTERING	
	NOT COMPLIANT TO A SPECIFIC LABELLING STANDARD	

AS/NZS 61439 : 2016 DECLERATION OF CONFORMANCE ANNEX D TABLE D1

Select Switchboards are the 'original manufacturer' of this custom enclosure which has been designed in accordance with the AS/NZS 61439 series of standards and design verified to Table D.1 (AS/NZS 61439.1).

Select Switchboards have certified Engineering resources and inhouse testing capabilities which enables verification of our products through internal testing together with third party laboratory testing to provide the market with confidence in the reliability and performance of the switchboard. The status of assembly verification and testing for the custom range is outlined below.

AS PER ANNEX D TABLE D1

1	Strength of materials and parts	Verified by testing including third party testing, with testing in progress on mechanical impact, resistance to corrosion, and resistance to UV radiation. The materials and construction methods employed have been in use on similar products for many years and have demonstrated long term reliable performance and are therefore expected to pass all outstanding tests
2	Degree of protection of enclosures	Verified by third party testing
3	Clearances	Verified by testing
4	Creepage distances	Verified by testing
5	Protection against electric shock and integrity of protective circuits	Verified by testing including third party testing
6	Incorporation of switching devices and components	Verified by assessment
7	Internal electrical circuits and connections	Verified by assessment
8	Terminals for external conductors	Verified by assessment
9	Dielectric properties	Verified by testing
10	Verification of temperature rise	Verified by testing
11	Short-circuit withstand strength	Verified by third party testing
12	Electromagnetic compatibility	Third party testing deemed not required for this design
13	Mechanical operation	Verified by testing

Signed: Sam Lunn-James

Company: Select Switchboards

COLOUR SCHEDULE

	VOLTAGE	TYPE	COLOUR	SUFFIX
WIRE / PHASE COLOUR SCHEDULE	415 VAC	L1	RED	(R)
		L2	WHITE	(W)
		L3	BLUE	(B)
		NEUTRAL	BLACK	(Bk)
	24 VAC	24 VAC +	BROWN	(Br)
		24VAC -	GREY	(Gy)
	24 VDC	24VDC	ORANGE	(Or)
		0VDC	VIOLET	(Vi)
	EARTH	EARTH	GREEN / YELLOW	(Gr)

MANUFACTURER: SELECT SWITCHBOARDS A RENKO GROUP COMPANY

CLIENT: RAM REGIONAL ASSET MAINTENANCE

PROJECT: LAGOON PUMP SWITCHBOARD
LOCATION: 45 STOKES HILL ROAD - LOT 10156
TITLE: MAIN SWITCHBOARD
DESCRIPTION: CONSTRUCTION NOTES AND COMPLIANCE

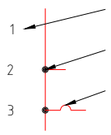
DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	6 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB

SCHEMATIC IDENTIFICATION



RUNG IDENTIFICATION
RUNG REFERENCE NUMBER

CABLE JOIN

CABLE NOT JOINED



CABLE IDENTIFICATION
COLOUR
IDENTIFIER IF MORE THAN ONE CABLE ON THE SAME RUNG
RUNG IDENTIFIER



SOURCE CABLE NUMBER
DESTINATION RUNG NUMBER



DESTINATION CABLE NUMBER
SOURCE RUNG NUMBER



CABLE SHIELD



TWISTED PAIR CABLE



COMPONENT IDENTIFICATION
IDENTIFIER IF MORE THAN ONE COMPONENT ON THE SAME RUNG
RUNG IDENTIFIER
COMPONENT TYPE

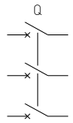
NO XX
NC XX

LINE REFERENCE FOR DEVICE AUXILIARIES

SCHEMATIC COMPONENT SYMBOLS



SINGLE POLE CIRCUIT BREAKER



THREE POLE CIRCUIT BREAKER



RCD DEVICE



ISOLATOR



FUSE



NORMALLY OPEN RELAY CONTACT



NORMALLY CLOSED RELAY CONTACT



RELAY COIL



CONTACTOR CONTACT



OVERLOAD



OVERLOAD CONTACT



OVERLOAD CONTACT



TIMER COIL



ON DELAY TIMER CONTACT



OFF DELAY TIMER CONTACT



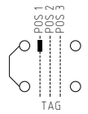
NORMALLY OPEN PUSH BUTTON



NORMALLY CLOSED PUSH BUTTON



MUSHROOM HEAD PUSH BUTTON WITH LATCH



MULTI-POSITION SELECTOR SWITCH

COMPONENT TERMINAL

PANEL TERMINAL

FIELD TERMINAL



INDICATOR LIGHT



TIME CLOCK



TEST LINK



PLUG AND SOCKET



BATTERY



TRANSFORMER



CURRENT TRANSFORMER



LIMIT SWITCH



FLOAT SWITCH



PRESSURE SWITCH



SOLENOID VALVE

SURGE DIVERTER

SINGLE LINE DIAGRAM SYMBOLS

SINGLE PHASE

THREE PHASE

THREE PHASE & NEUTRAL

ACTIVE CONDUCTOR

NEUTRAL CONDUCTOR

EARTH CONDUCTOR

EARTH

TRANSFORMER

GENERATOR

MOTOR

DOL MOTOR STARTER

SOFT STARTER

VARIABLE SPEED DRIVE

SWITCHBOARD

GENERIC PANEL / PACKAGE

POWER AUTHORITY METER

MULTI-FUNCTION POWER METER

PANEL BOUNDARY

PANEL CABLE PENETRATION

MECHANICAL INTERLOCK

KEY LOCKABLE

PADLOCKABLE

SEALABLE AND PADLOCKABLE CIRCUIT BREAKER

CURRENT TRANSFORMER

CABLE TYPE (REFER CABLE LIST)

BUSBAR TYPE (REFER BUSBAR LIST)

PART IDENTIFIER (REFER PARTS LIST)

NOTE IDENTIFIER (REFER GENERAL NOTES LIST)

REVISION NUMBER

REVISION CLOUD

MANUFACTURER:
SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:
RAM
REGIONAL ASSET MAINTENANCE

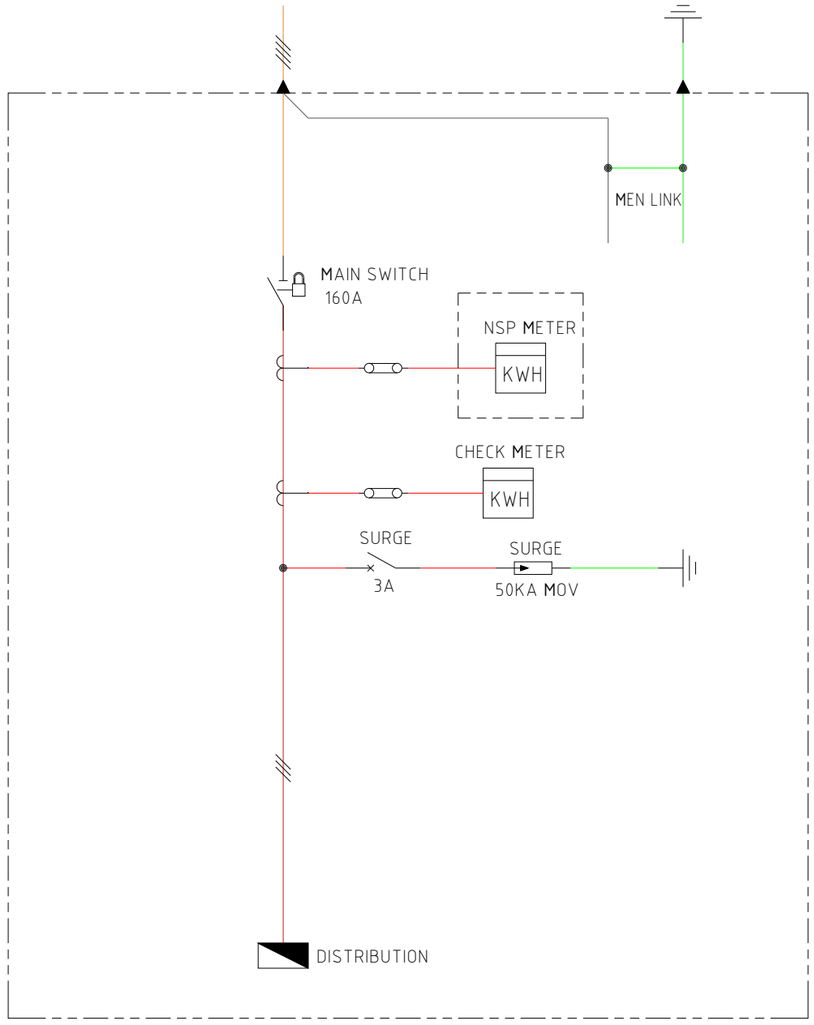
PROJECT: LAGOON PUMP SWITCHBOARD
LOCATION: 45 STOKES HILL ROAD - LOT 10156
TITLE: MAIN SWITCHBOARD
DESCRIPTION: SYMBOL LEGEND

DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	7 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB



CHASSIS LAYOUT

CONTROL	SIZE (A)	TYPE	DESCRIPTION	POLE NUMBER		DESCRIPTION	TYPE	SIZE (A)	CONTROL
VSD	63A	MCB (D CURVE)	Q52 PUMP 1	1	2	Q66 PUMP 2	MCB (D CURVE)	63A	VSD
				3	4				
				5	6				
	10A	MCB	Q28 POWER METER	7	8	Q80 PUMP 3	MCB (D CURVE)	63A	VSD
				9	10				
				11	12				
PS105	6A	MCB	Q105 - POWER SUPPLY	13	14				
TS111	6A	RCBO 30MA	Q111 - VSD FANS	15	16				
DS119	6A	RCBO 30MA	Q119 - PANEL LIGHTS	17	18				
	10A	RCBO 30MA	Q123 - PANEL GPO	19	20				
				21	22				
				23	24				

MANUFACTURER: SELECT SWITCHBOARDS A RENKO GROUP COMPANY

CLIENT: RAM REGIONAL ASSET MAINTENANCE

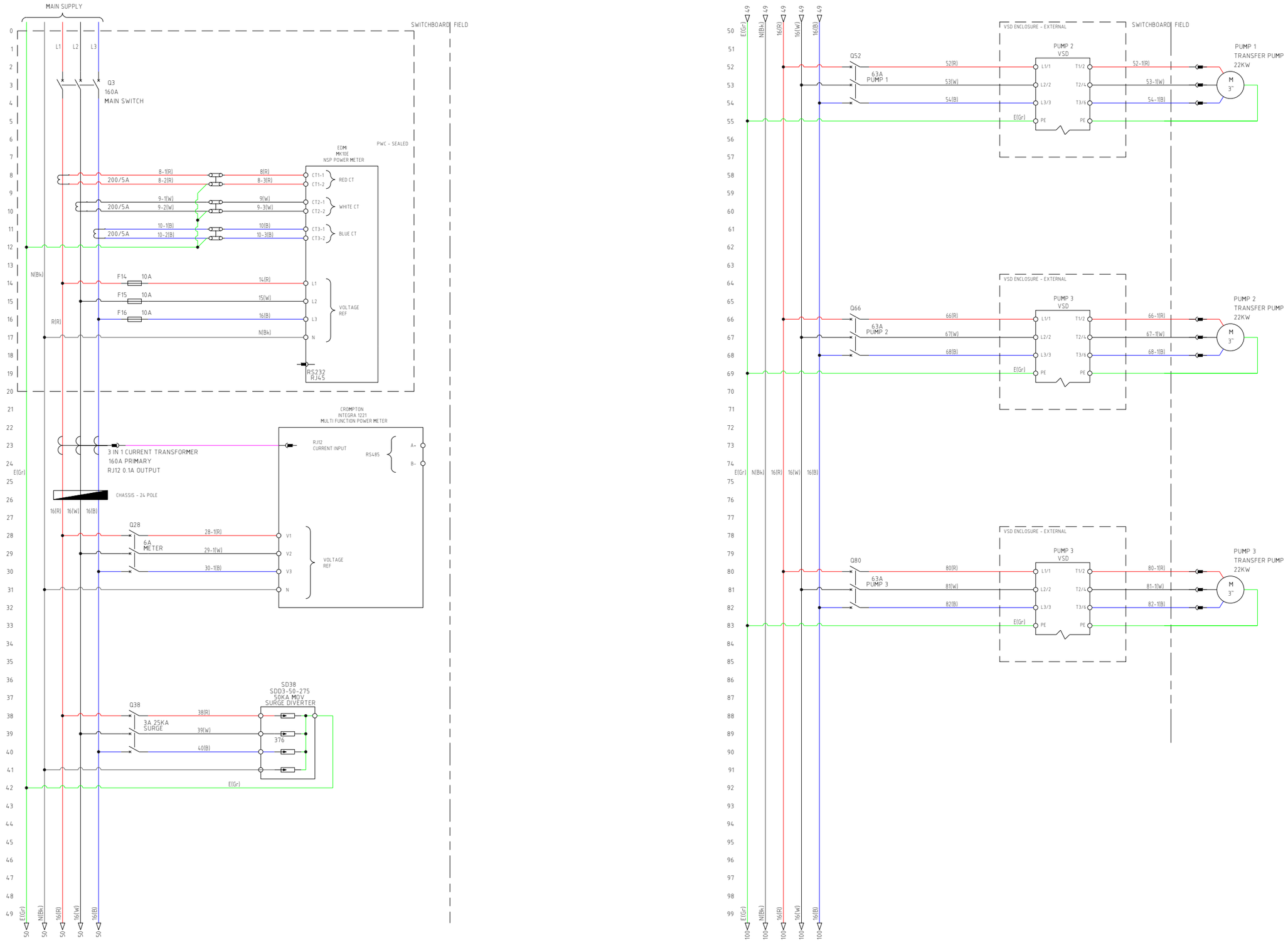
PROJECT: LAGOON PUMP SWITCHBOARD
LOCATION: 45 STOKES HILL ROAD - LOT 10156
TITLE: MAIN SWITCHBOARD
DESCRIPTION: SINGLE LINE DIAGRAM AND CHASSIS LAYOUT

DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	8 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB



MANUFACTURER:

SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

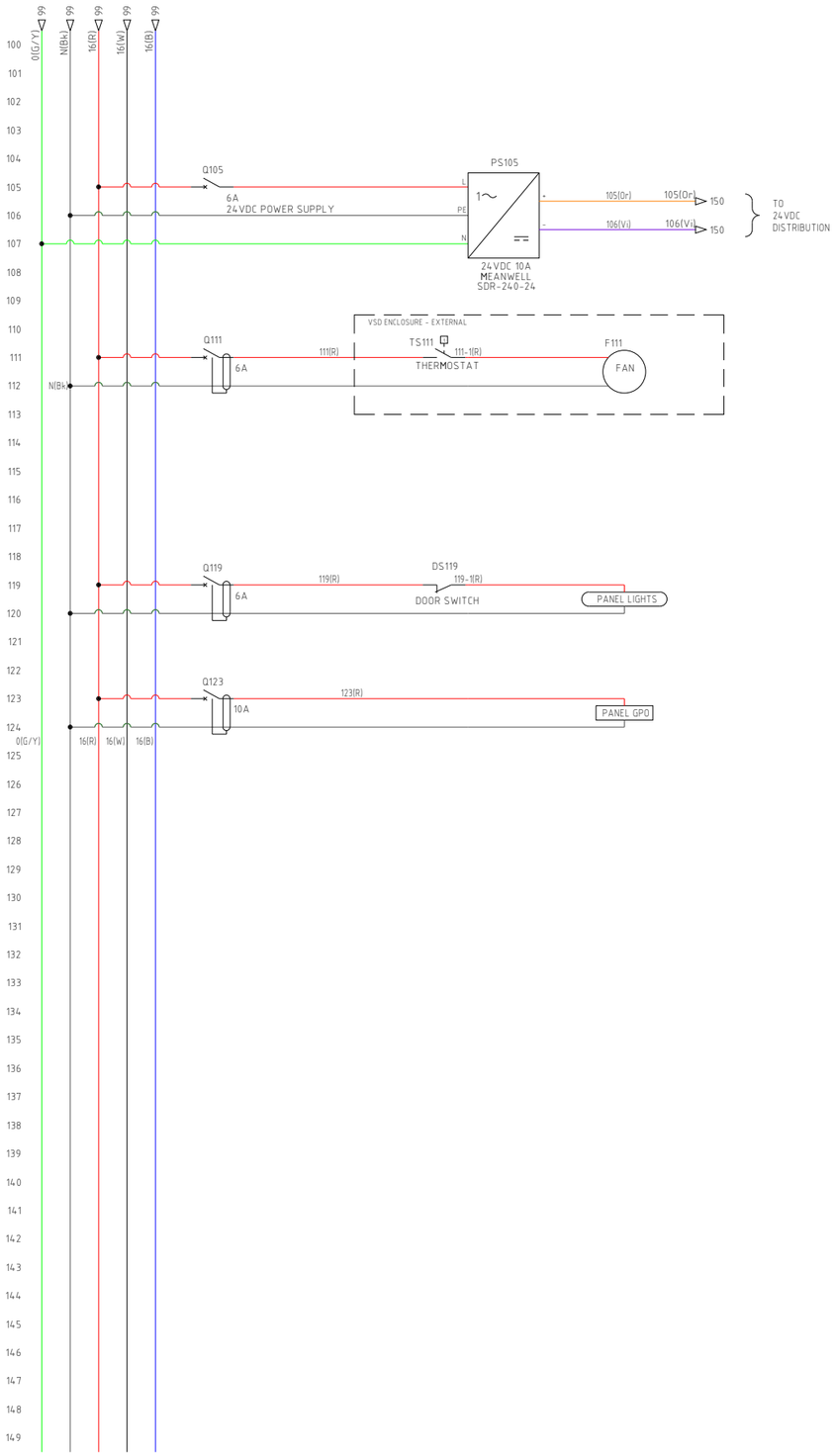
PROJECT:	LAGOON PUMP SWITCHBOARD
LOCATION:	45 STOKES HILL ROAD - LOT 10156
TITLE:	MAIN SWITCHBOARD
DESCRIPTION:	SCHEMATIC DIAGRAM

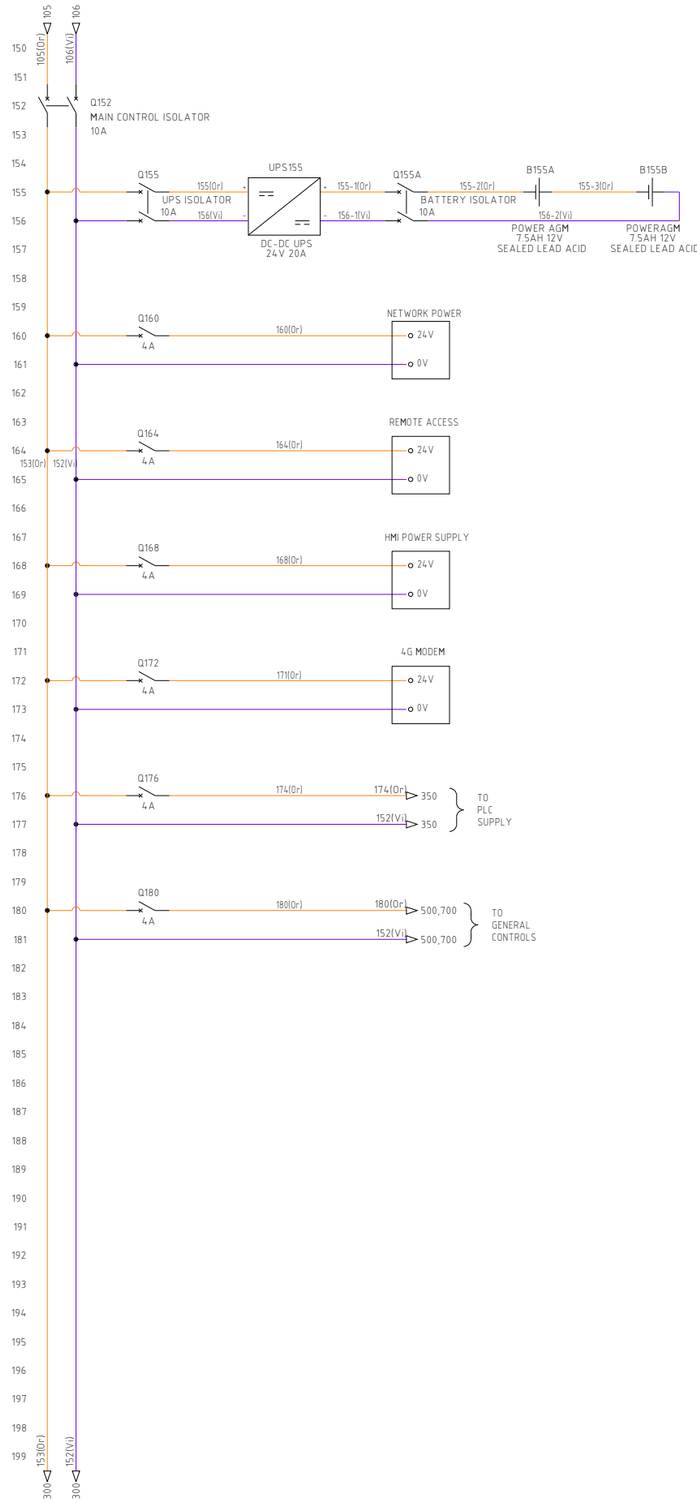
DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	9 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB





MANUFACTURER:

SELECT ☑ SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

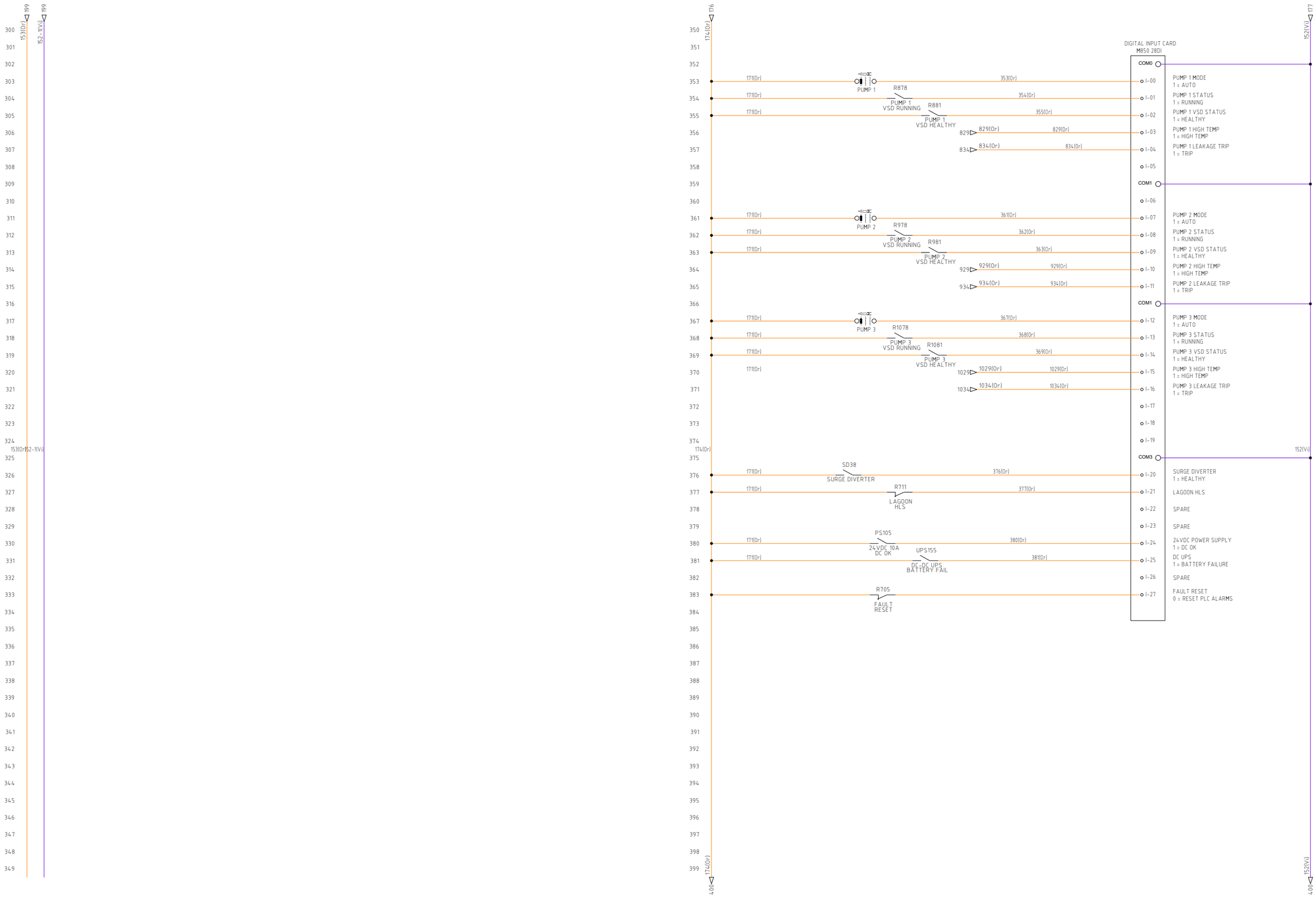
PROJECT:	LAGOON PUMP SWITCHBOARD
LOCATION:	45 STOKES HILL ROAD - LOT 10156
TITLE:	MAIN SWITCHBOARD
DESCRIPTION:	SCHEMATIC DIAGRAM

DRAWING SET: SSD-11239-1-1 [0]

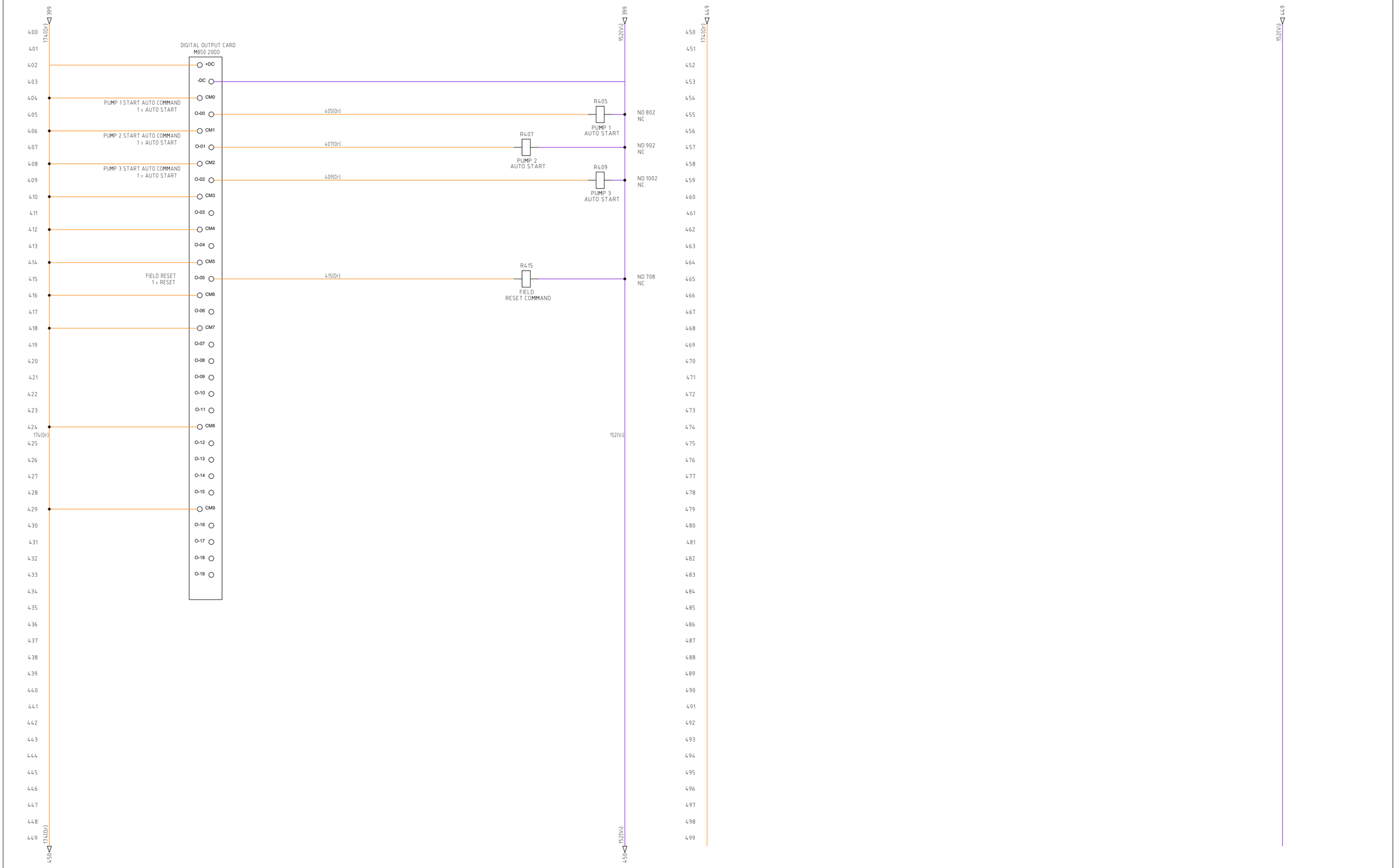
DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	10 OF 19

DARWINWATERFRONT

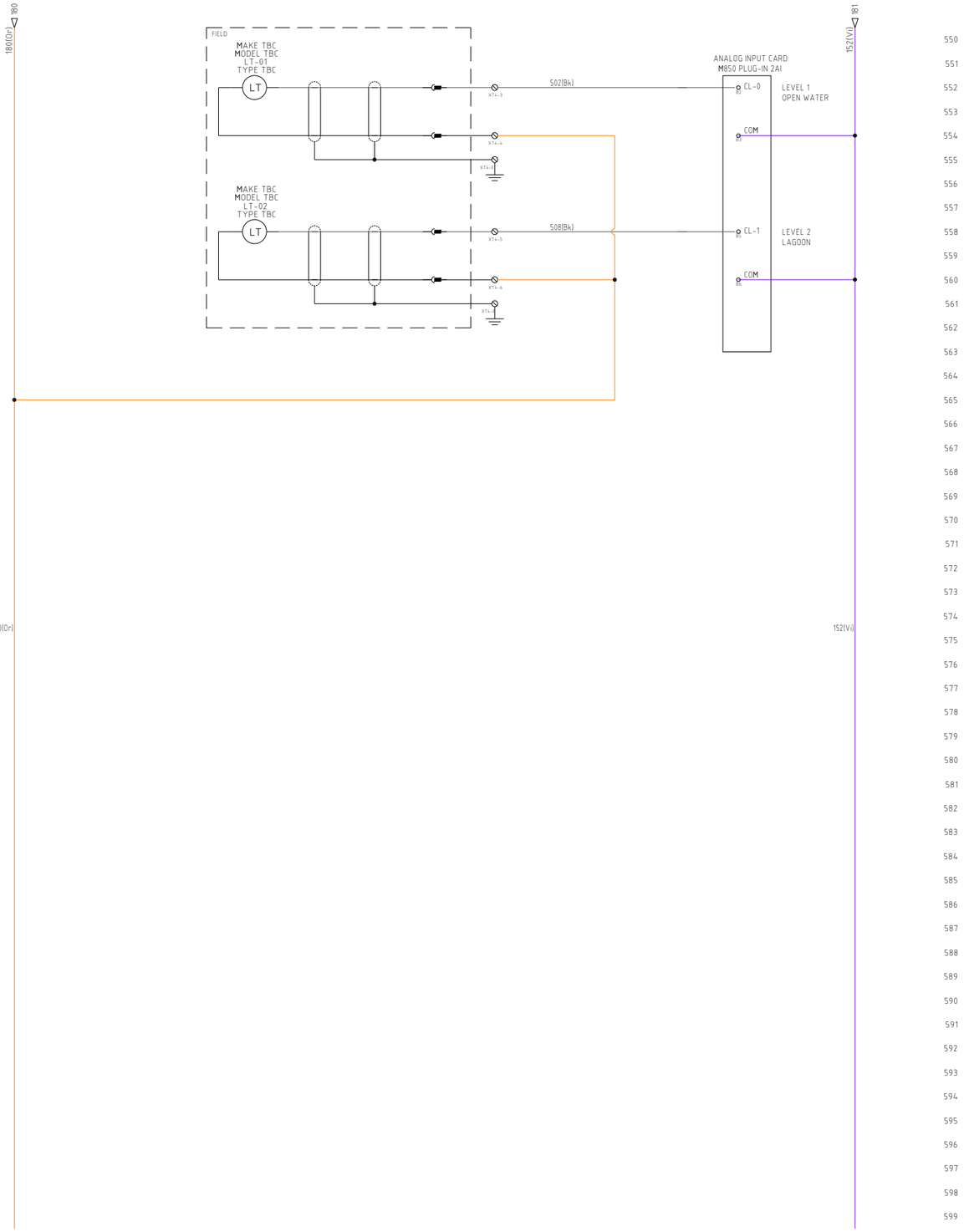
REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB



MANUFACTURER: SELECT SWITCHBOARDS A RENKO GROUP COMPANY	CLIENT: RAM REGIONAL ASSET MAINTENANCE	PROJECT: LAGOON PUMP SWITCHBOARD LOCATION: 45 STOKES HILL ROAD - LOT 10156 TITLE: MAIN SWITCHBOARD DESCRIPTION: SCHEMATIC DIAGRAM DRAWING SET: SSD-11239-1-1 [0]	DESIGN DB DRAWN DB CHECKED SJ SCALE N/A SHEET # 11 OF 19	DARWINWATERFRONT	REV	DESCRIPTION	DRAWN	DATE	CHECKED
					0	AS CONSTRUCTED	TS	16/04/2024	DB



MANUFACTURER: SELECT SWITCHBOARDS A RENKO GROUP COMPANY	CLIENT: RAM REGIONAL ASSET MAINTENANCE	PROJECT: LAGOON PUMP SWITCHBOARD LOCATION: 45 STOKES HILL ROAD - LOT 10156 TITLE: MAIN SWITCHBOARD DESCRIPTION: SCHEMATIC DIAGRAM DRAWING SET: SSD-11239-1-1 [0]	DESIGN DB DRAWN DB CHECKED SJ SCALE N/A SHEET # 12 OF 19	DARWINWATERFRONT	REV	DESCRIPTION	DRAWN	DATE	CHECKED
					0	AS CONSTRUCTED	TS	16/04/2024	DB



MANUFACTURER:

SELECT ☑ SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

PROJECT:	LAGOON PUMP SWITCHBOARD
LOCATION:	45 STOKES HILL ROAD - LOT 10156
TITLE:	MAIN SWITCHBOARD
DESCRIPTION:	SCHEMATIC DIAGRAM

DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	13 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB

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MANUFACTURER:

SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

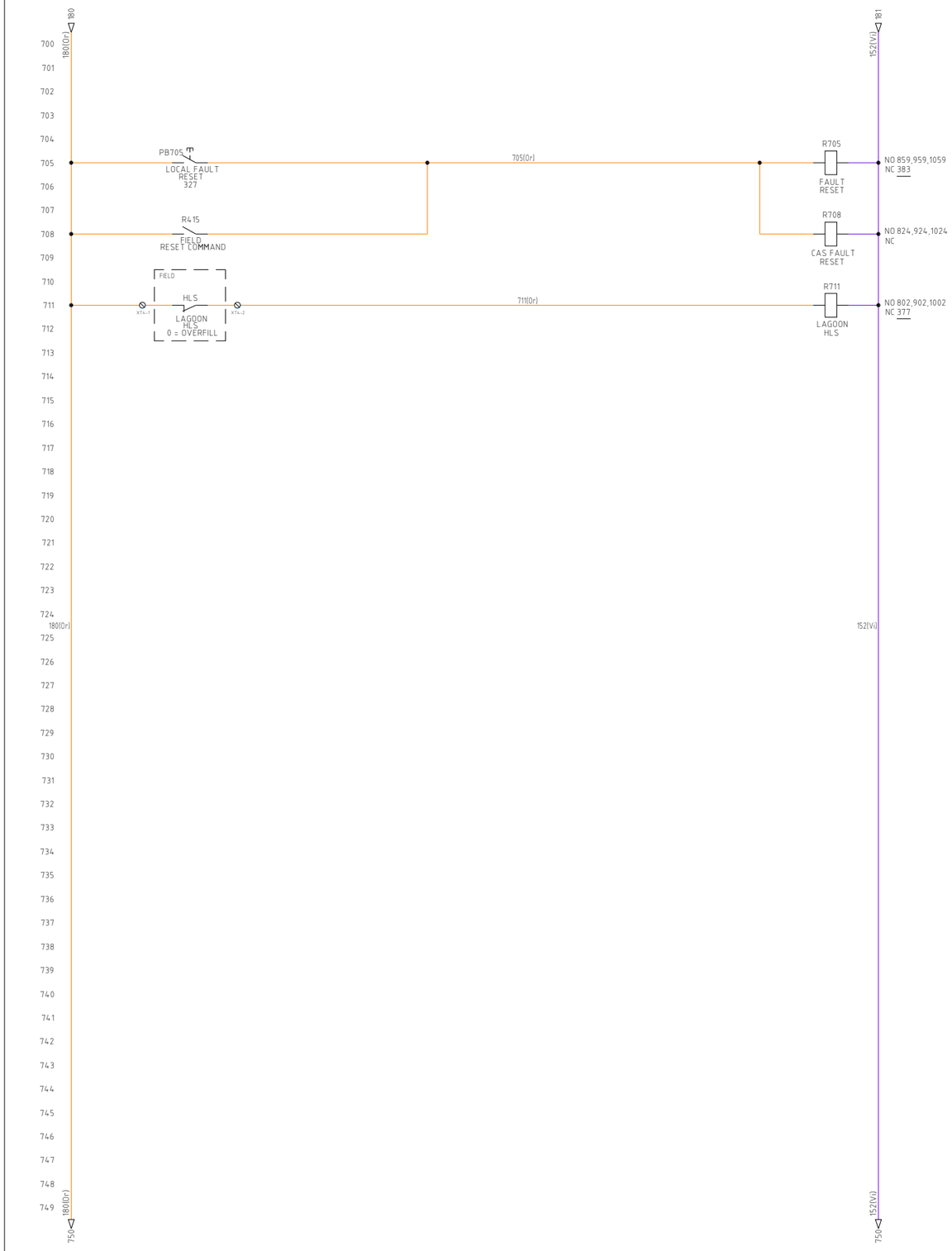
PROJECT: LAGOON PUMP SWITCHBOARD
LOCATION: 45 STOKES HILL ROAD - LOT 10156
TITLE: MAIN SWITCHBOARD
DESCRIPTION: SCHEMATIC DIAGRAM

DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	14 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB





MANUFACTURER:

SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

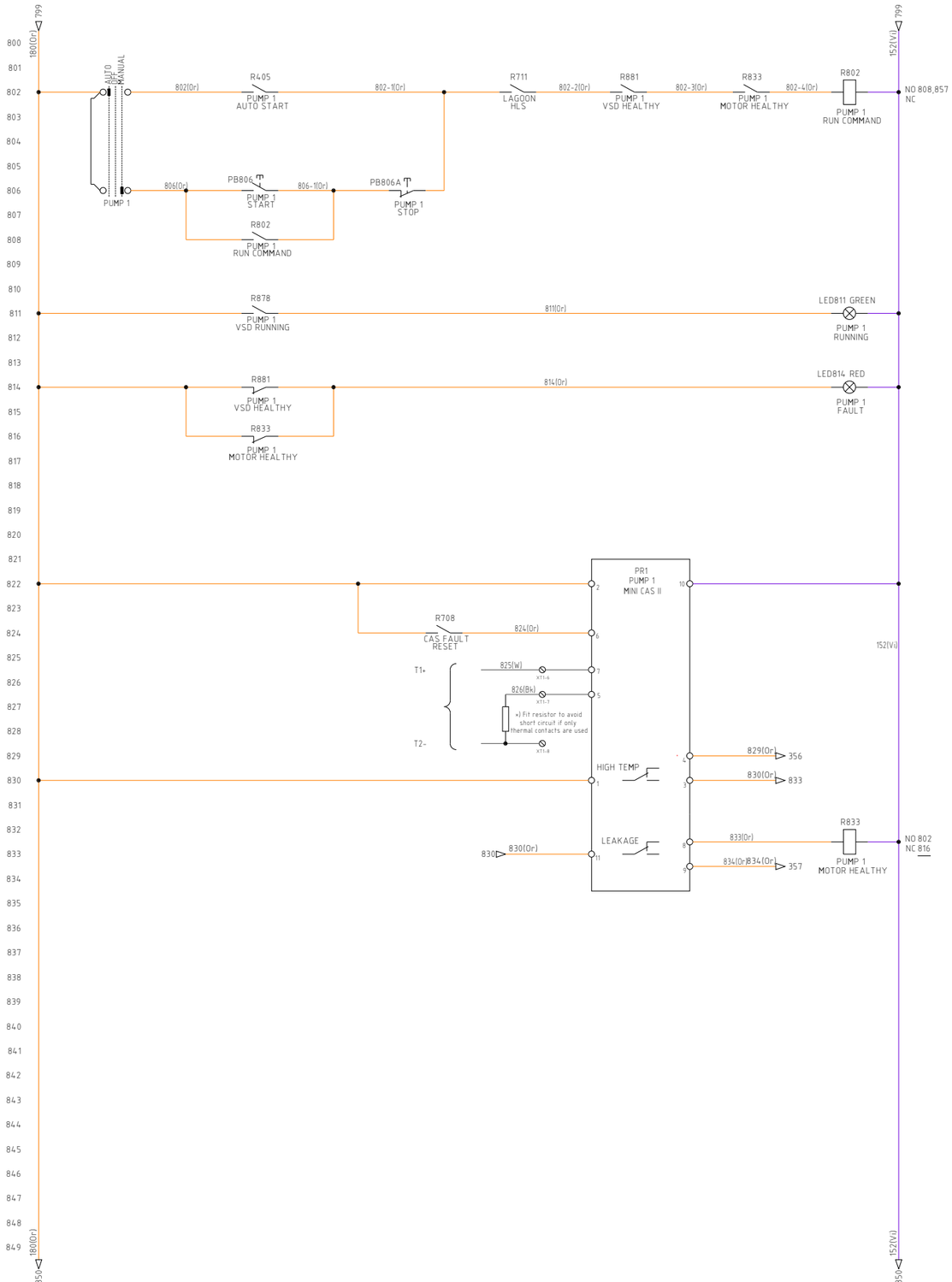
PROJECT:	LAGOON PUMP SWITCHBOARD
LOCATION:	45 STOKES HILL ROAD - LOT 10156
TITLE:	MAIN SWITCHBOARD
DESCRIPTION:	SCHEMATIC DIAGRAM

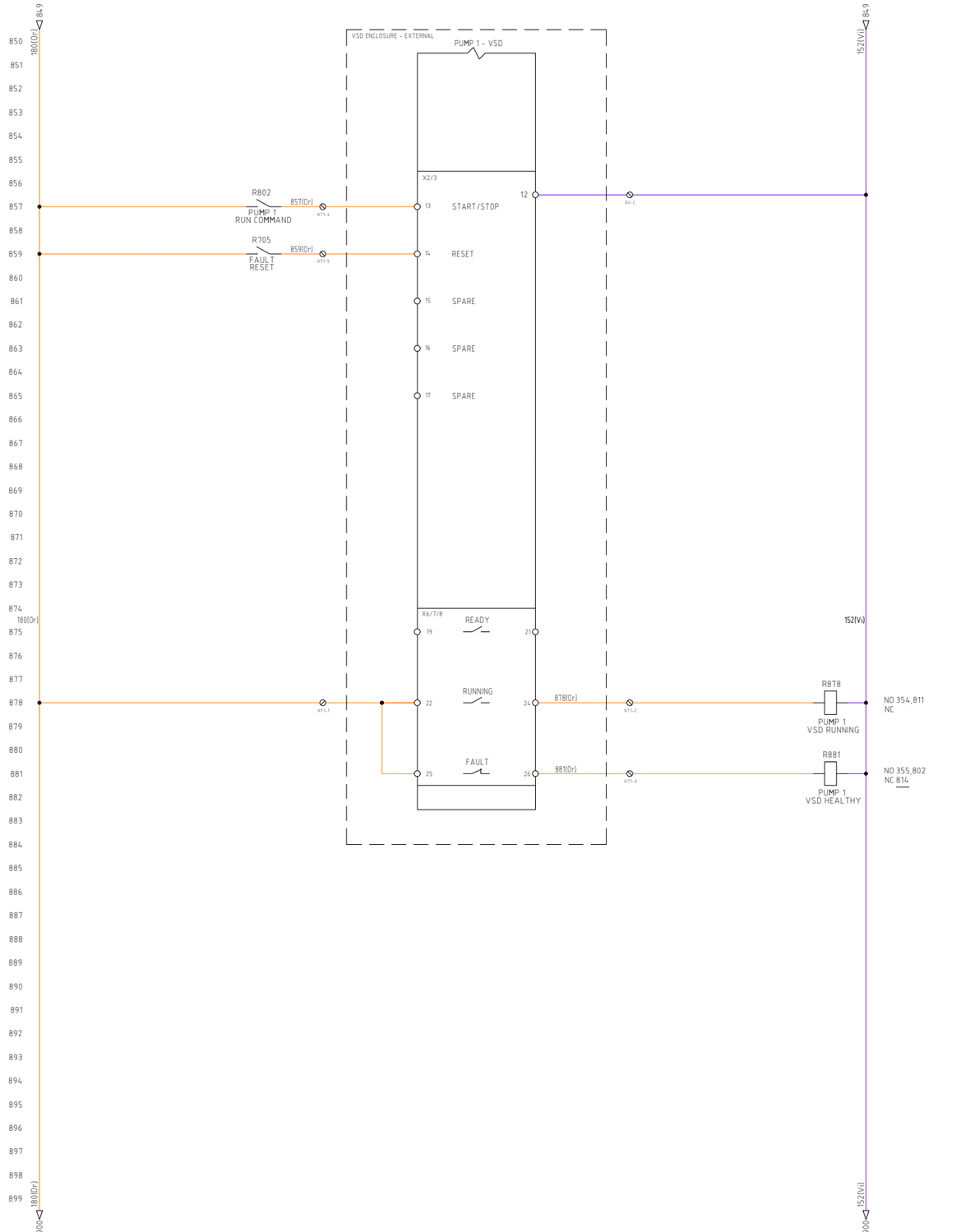
DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	15 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB





MANUFACTURER:

SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

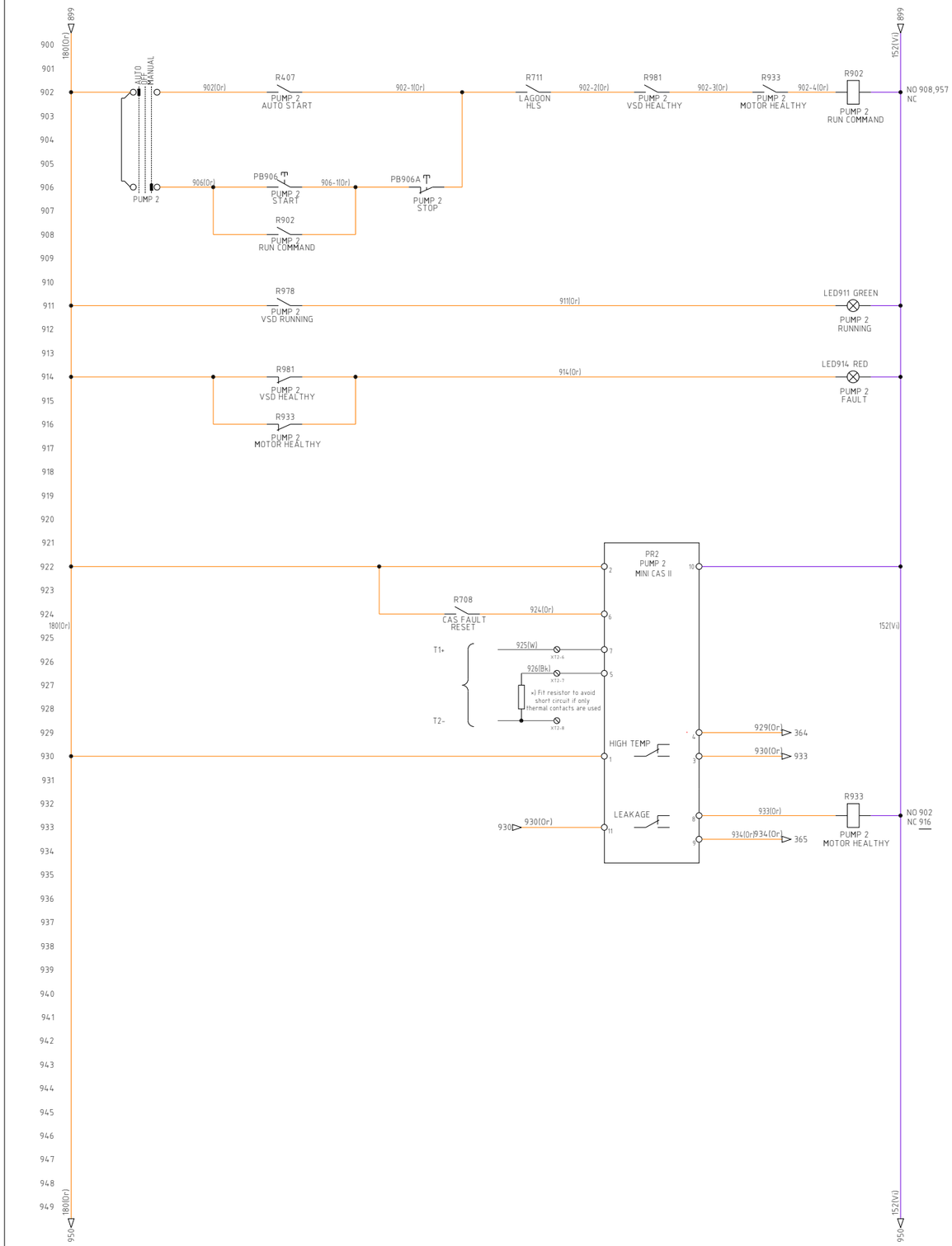
PROJECT:	LAGOON PUMP SWITCHBOARD
LOCATION:	45 STOKES HILL ROAD - LOT 10156
TITLE:	MAIN SWITCHBOARD
DESCRIPTION:	SCHEMATIC DIAGRAM

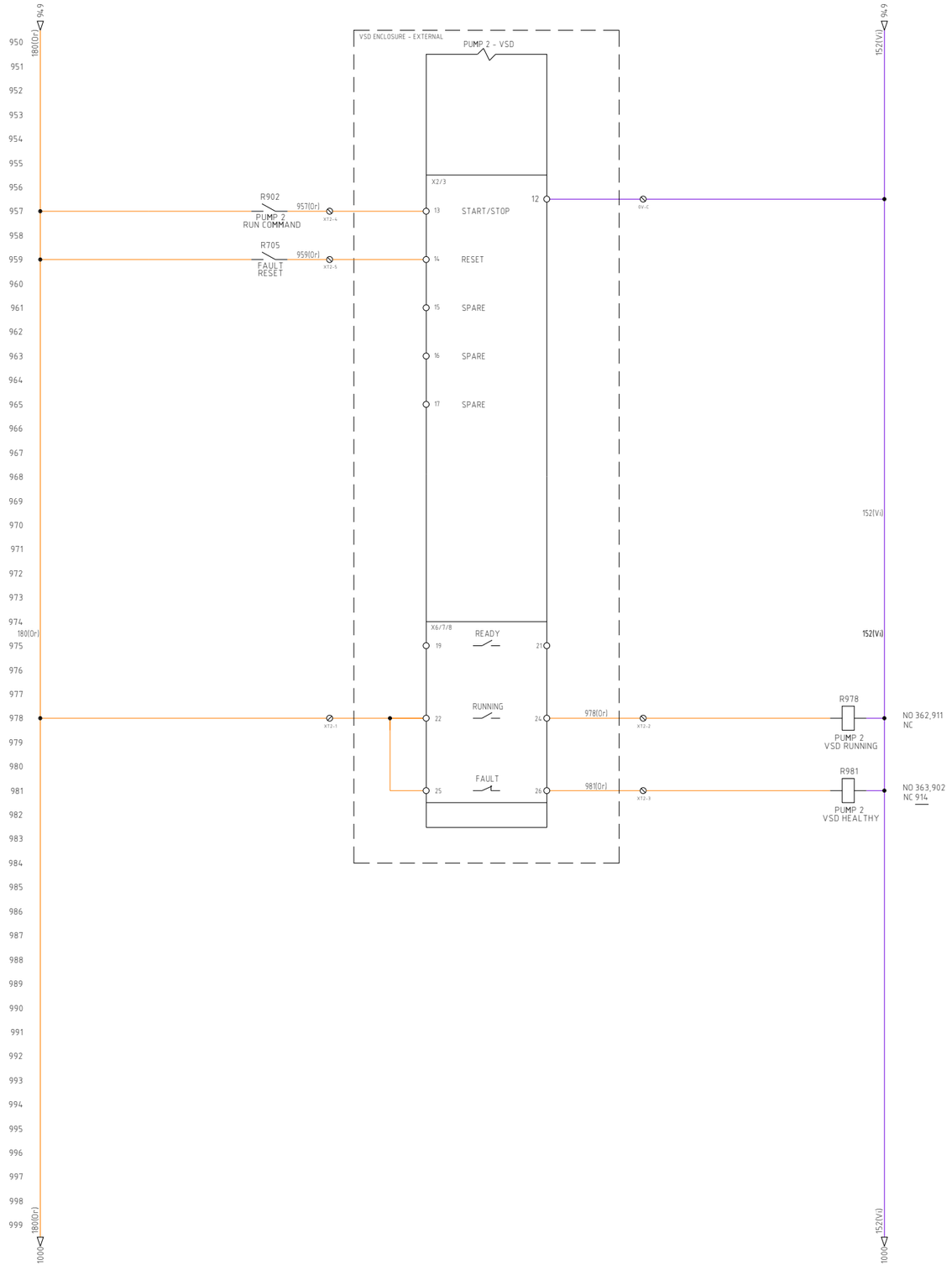
DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	16 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB





MANUFACTURER:

SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

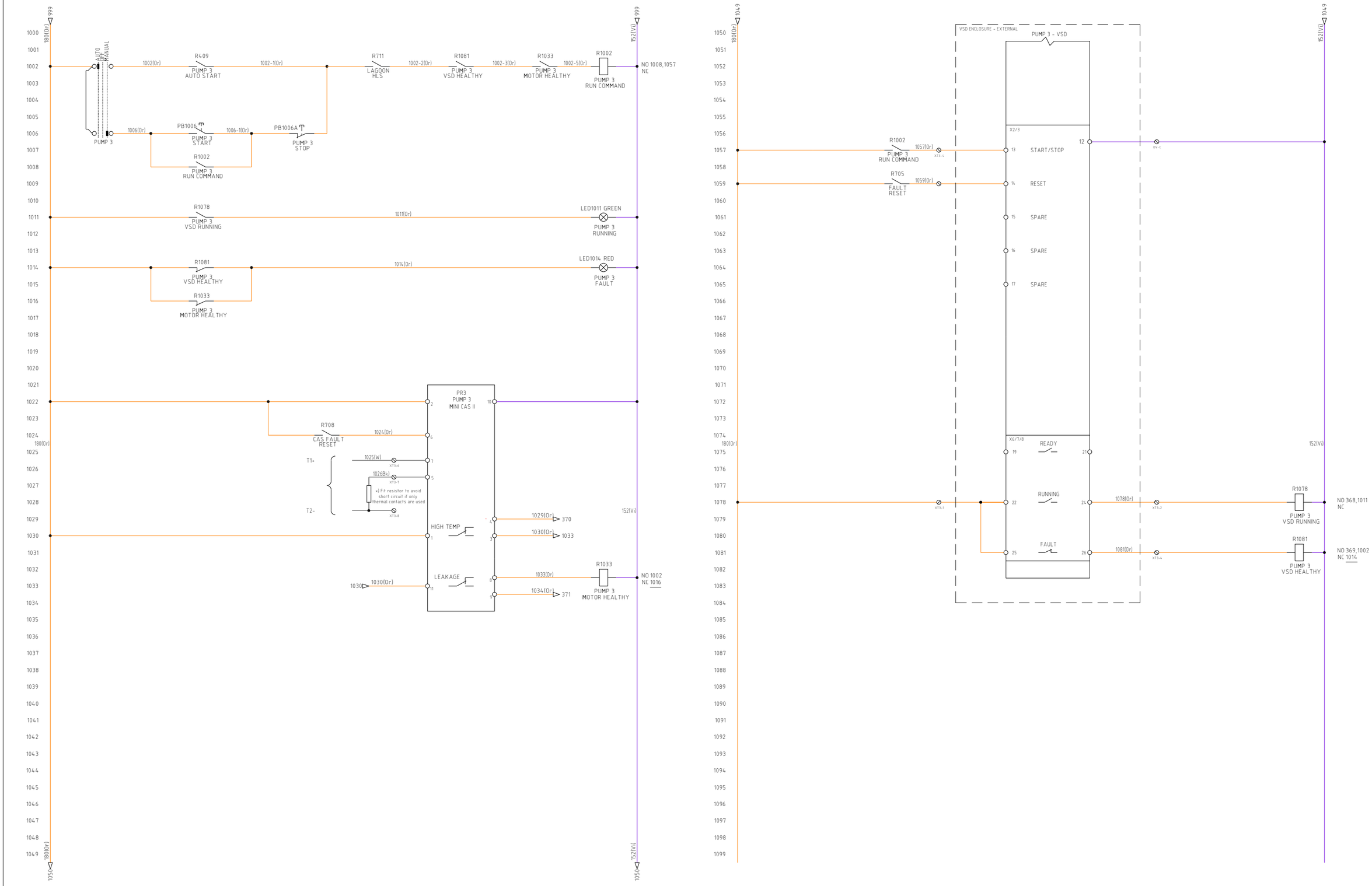
PROJECT:	LAGOON PUMP SWITCHBOARD
LOCATION:	45 STOKES HILL ROAD - LOT 10156
TITLE:	MAIN SWITCHBOARD
DESCRIPTION:	SCHEMATIC DIAGRAM

DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	17 OF 19

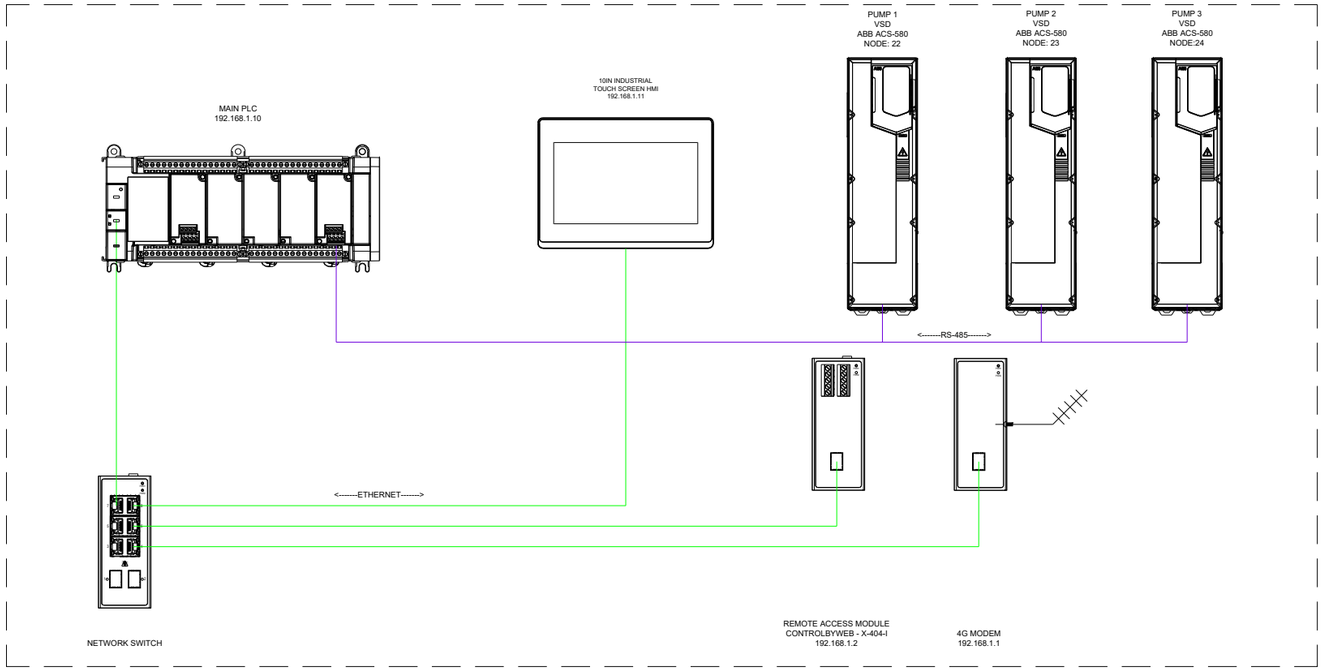
DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB



MANUFACTURER: SELECT SWITCHBOARDS A RENKO GROUP COMPANY	CLIENT: RAM REGIONAL ASSET MAINTENANCE	PROJECT: LAGOON PUMP SWITCHBOARD LOCATION: 45 STOKES HILL ROAD - LOT 10156 TITLE: MAIN SWITCHBOARD DESCRIPTION: SCHEMATIC DIAGRAM DRAWING SET: SSD-11239-1-1 [0]	DESIGN DB DRAWN DB CHECKED SJ SCALE N/A SHEET # 18 OF 19	DARWINWATERFRONT	

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB



MANUFACTURER:

SELECT SWITCHBOARDS
A RENKO GROUP COMPANY

CLIENT:

RAM
REGIONAL ASSET MAINTENANCE

PROJECT:	LAGOON PUMP SWITCHBOARD
LOCATION:	45 STOKES HILL ROAD - LOT 10156
TITLE:	MAIN SWITCHBOARD
DESCRIPTION:	NETWORK DIAGRAM

DRAWING SET: SSD-11239-1-1 [0]

DESIGN	DB
DRAWN	DB
CHECKED	SJ
SCALE	N/A
SHEET #	19 OF 19

DARWINWATERFRONT

REV	DESCRIPTION	DRAWN	DATE	CHECKED
0	AS CONSTRUCTED	TS	16/04/2024	DB