

GENERAL NOTES:

1. MATERIAL-2.0mm THICK MILD STEEL.
2. COLOUR-PANEL: CORNFLOWER BLUE-VP5003, STRUCTURED.
3. ALL PANELS TO BE IP65 RATED.
4. ALL DIMENSIONS ARE IN MILLIMETERS.
5. CIRCUIT BREAKERS-SCHNEIDER ELECTRIC.
6. TERMINALS-WEIDMULLER.

REVISIONS				
No	DATE	CHECKED	APPROVED	DESCRIPTION
A+	23-04-14	C.C.	S.J.	PRELIMINARY DESIGN DRAWING
A++	29-07-14	C.C.	S.J.	CLIENT CHANGES
B	17-09-14	C.C.	S.J.	CLIENT CHANGES
C	30-09-19	M.B.	T.N./M.P.M.	RE-ISSUE FOR TENDER

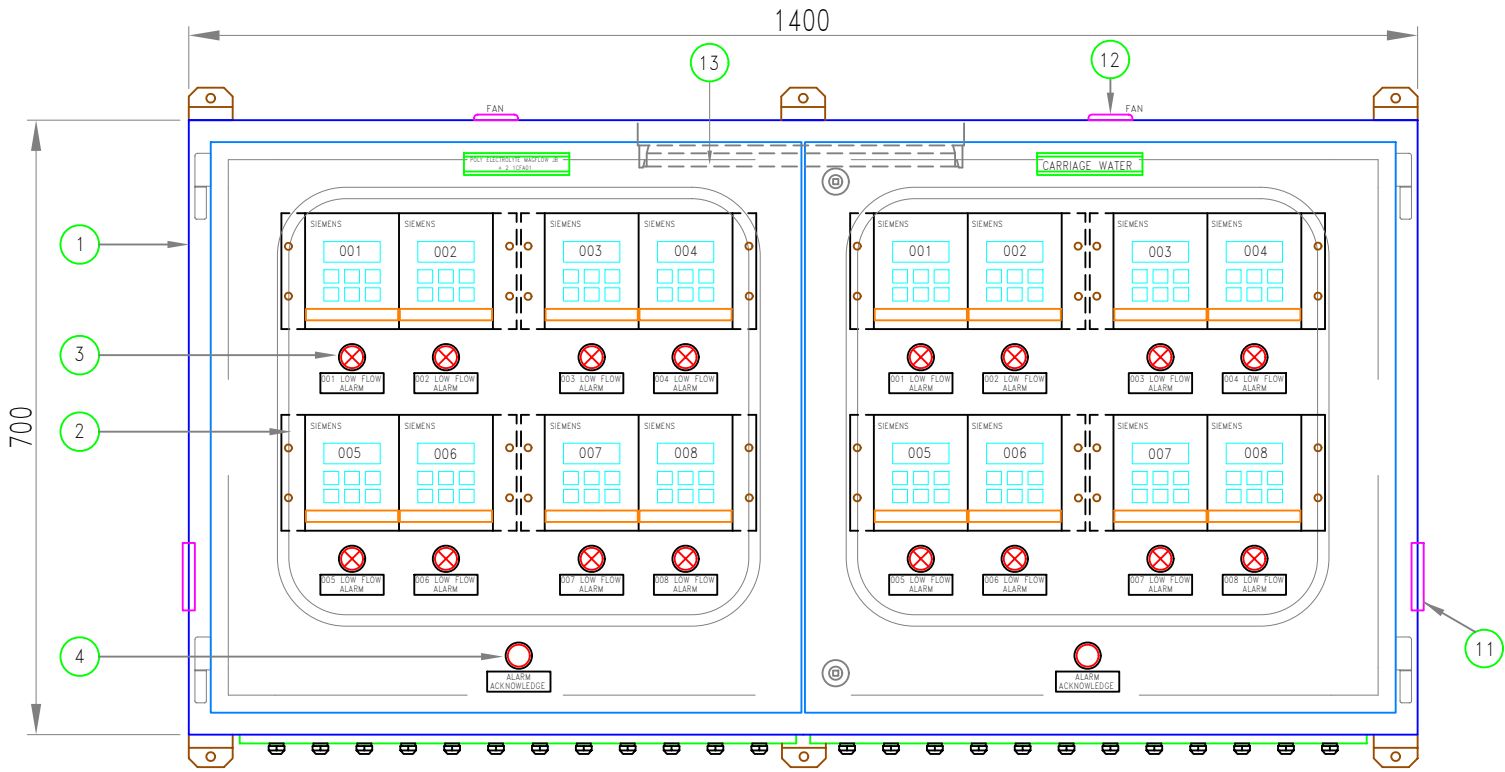
NUMBER		TITLE	
RA_29149		ELECTRICAL AND INSTRUMENTATION FLOOR LAYOUT	
RA_29056		HMI GENERAL ARRANGEMENT	
RA_29063		RIO CABINET 04 GENERAL ARRANGEMENT	
RA_29055		RIO CABINET 03 GENERAL ARRANGEMENT	
RA_29062		RIO CABINET 02 GENERAL ARRANGEMENT	
RA_23219		RIO CABINET 01 GENERAL ARRANGEMENT	
RA_29059		PLC CABINET GENERAL ARRANGEMENT	
RA_17929		AUTOMATION NETWORK LAYOUT	
REFERENCE DRAWINGS			

RAND WATER
BOX 1127
JOHANNESBURG
2000
TEL: +27 11 682-0911

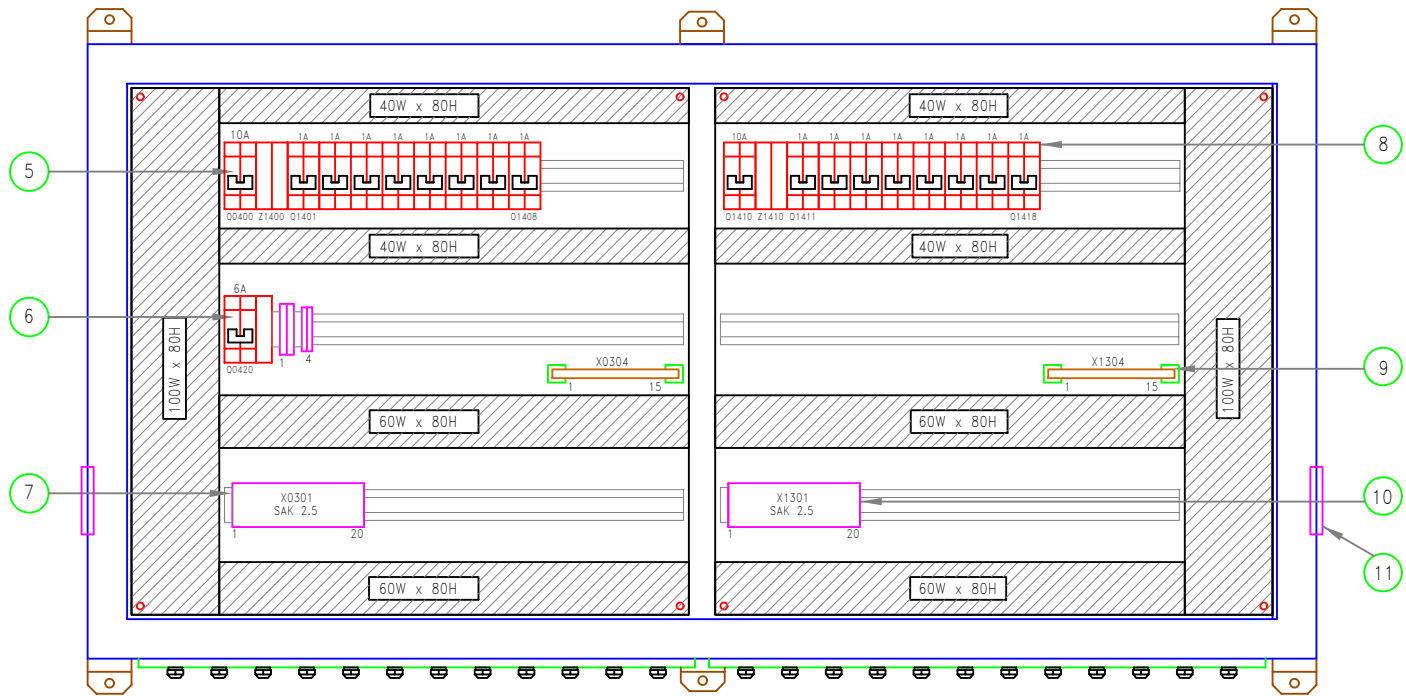
SAP PROJECT No.:	P.03557	CHECKED:	
NETWORK ID No.:	4041333	SECTION HEAD:	
CONTRACT:	RW10383089/19	APPROVED _____ Pr. Eng CAPACITY _____ DATE _____	
FILE:	RW10383089/19		
DRAWN BY:	M.MABUNDA		
TRACED BY:	S. MAJAM		
DATE:	2014-07-12	DATE	

ZUIKERBOSCH PUMPING STATION
SYSTEM 1 & 2
POLYELECTROLYTE DOSING PLANT
MAGFLOW METER JUNCTION BOX 1 & 2
GENERAL ARRANGEMENT

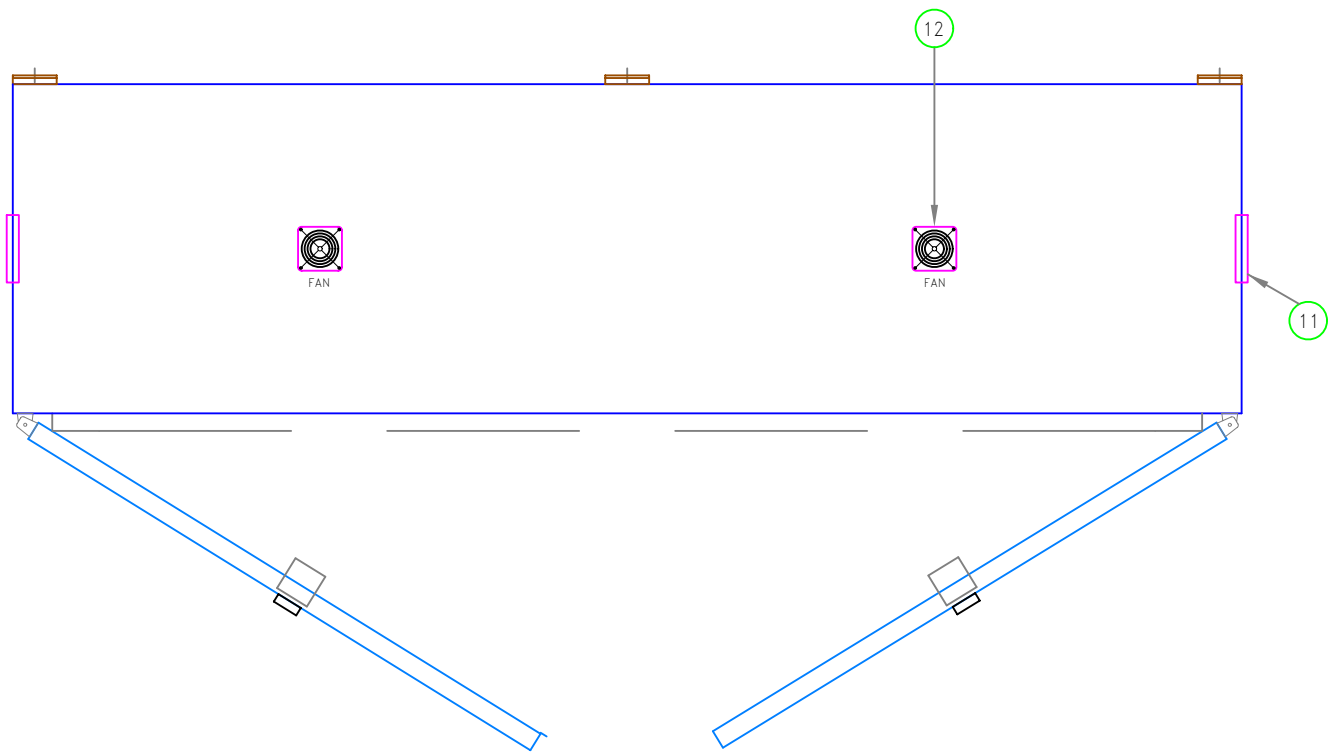
STATION	WKS	DOC. TYPE	S
Z B	= 2 1 G B J	D L G	A



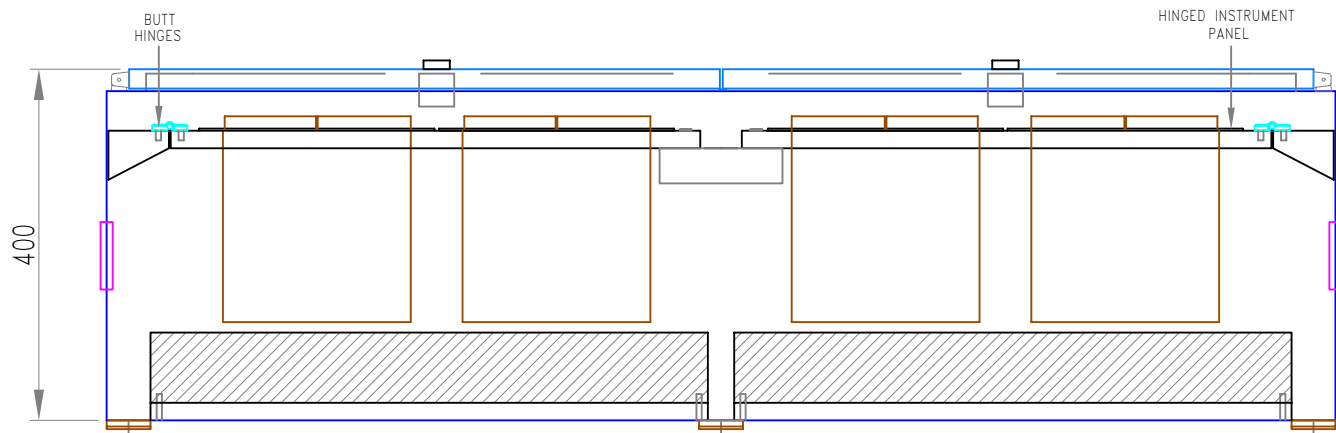
FRONT VIEW



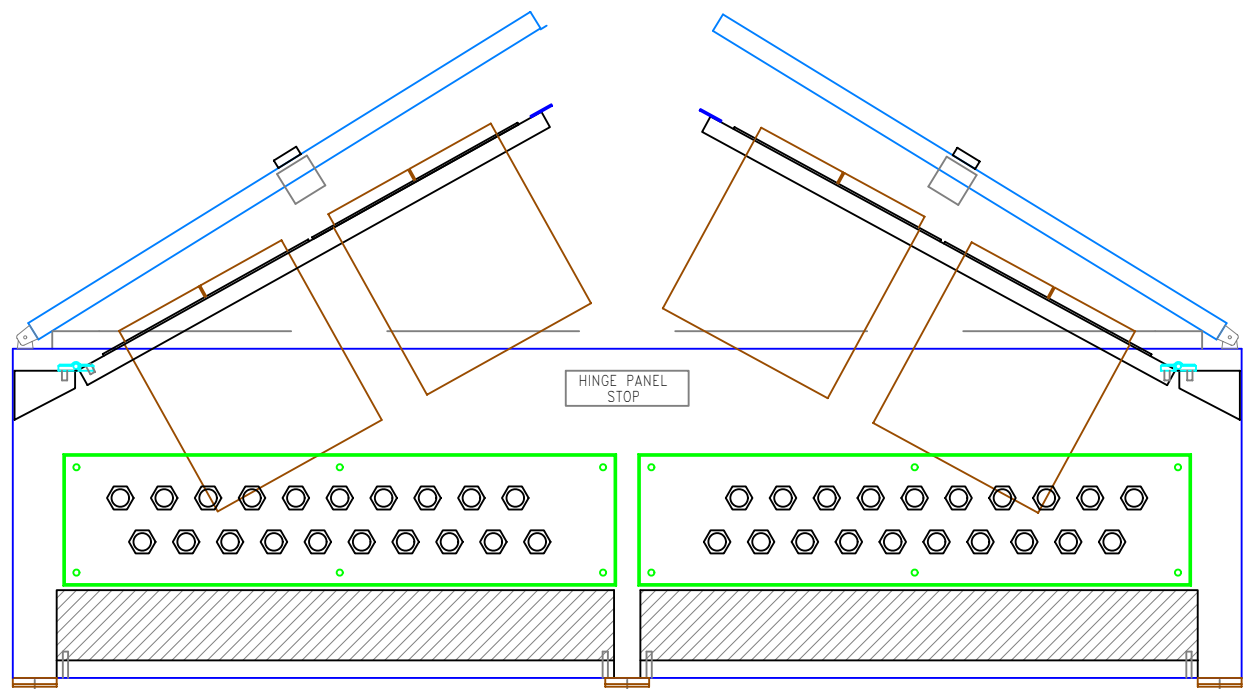
MOUNTING PLATE LAYOUT



TOP VIEW



SECTION BOTTOM VIEW



HINGED PANEL & CABLE GLAND LAYOUT

BILL OF MATERIALS

ITEM	DESCRIPTION	QTY.
1	WALL MOUNT ENCLOSURE, WITH GLASS DOOR	1
2	MAGFLO BACK PANEL MOUNT-DOUBLE, 42TE	16
	MAGFLO 5000, 7ME6110-1RA10-1AA1 POLY FLOW TRANSMITTERS	8
	MAGFLO 5000, 7ME6110-1RA10-1AA1 C/WATER FLOW TRANSMITTERS	8
3	ALARM OVERFLOW INDICATOR-AMBER	16
4	ALARM ACKNOWLEDGE PUSHBUTTON	2
5	SCHNEIDER ELECTRIC, 10A DOUBLE POLE CIRCUIT BREAKER (Q0400)	1
	DEHNDUARD DG MOD 275	1
	DEHNGUARD DG MOD NPE	1
	SCHNEIDER ELECTRIC, 1A DOUBLE POLE CIRCUIT BREAKER (Q0401-08)	8
6	SCHNEIDER ELECTRIC, 6A DOUBLE POLE CIRCUIT BREAKER (Q0421)	1
	DEHnrail DR MOD 30	1
	WEIDMULLER ASK1/35 TERMINALS	2
	WEIDMULLER SAK2.5/35 TERMINALS	2
7	WEIDMULLER SAK2.5/35 TERMINALS (X0301)	20
8	SCHNEIDER ELECTRIC, 10A DOUBLE POLE CIRCUIT BREAKER (Q1410)	1
	DEHNDUARD MOD 275	1
	DEHNGUARD MOD NPE	1
	SCHNEIDER ELECTRIC, 1A DOUBLE POLE CIRCUIT BREAKER (Q0411-18)	8
9	PANEL EARTH BAR (X0304/X1304)	2
10	WEIDMULLER SAK2.5/35 TERMINALS (X1301)	20
11	LOUVRES	2
12	EXTRACTION FANS	2
13	FLUORESCENT LIGHT	1

FOR TENDER PURPOSES