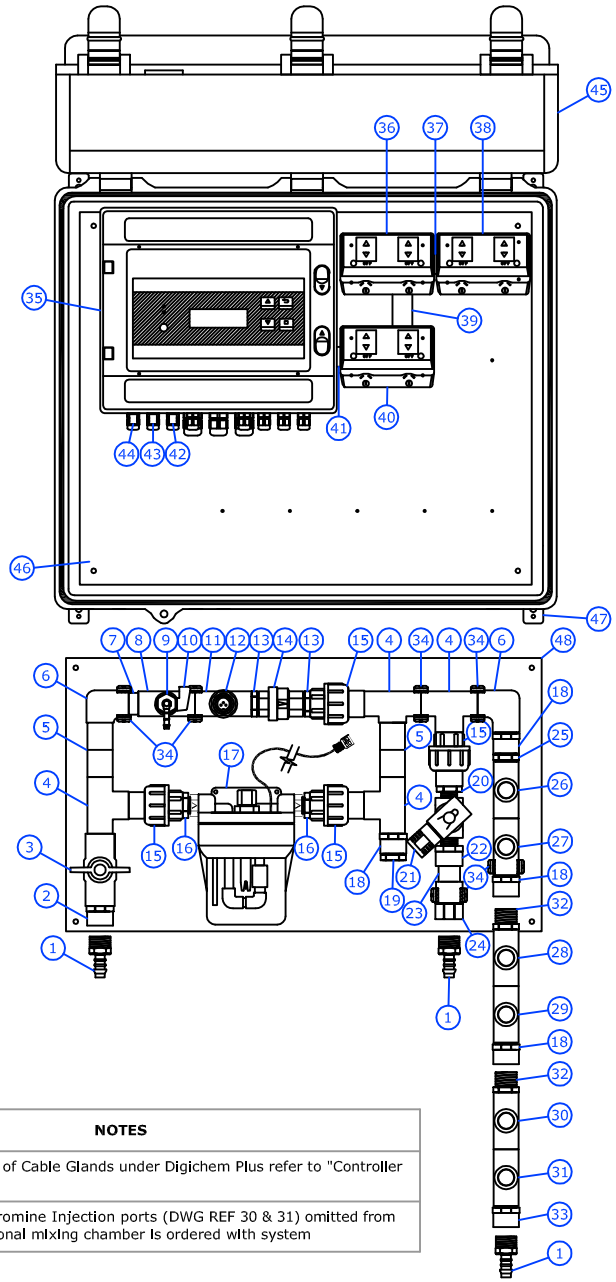

DRAWING REFERENCE	LIBRARY REFERENCE	DESCRIPTION
1	M67	Hosetail 12mm x 3/4"
2	M2	Manifold Inlet - Adaptor Female 20mm x 3/4"
3	M8	Ball Valve PVC 20mm
4	M128	Tee 20mm
5	M49	Elbow 45° 20mm
6	M52	Elbow 90° 20mm
7		PVC Pipe 20mm - cut to 45mm length
8	M129	Tee 20mm x 1/2"
9	M72	Hosetail Elbow 6mm x 1/2" for Sample Point
10	M74	Mini Ball Valve 1/2" for Sample Point
11	M130	Tee 20mm x 3/4"
12	M87	Conductivity Probe - Carbon 3/4"
13	M6	Adaptor Male 20mm x 3/4" - Shortened to fit in Check Valve
14	M40	Check Valve Brass - Valstop 3/4"
15	M12	Barrel Union 20mm
16	M1	Adaptor Female 20mm x 1/2"
17	M56	PED4 Electrode Holder for pH, ORP, Ground Probe and Flow Switch
18	M2	Adaptor Female 20mm x 3/4"
19	M84	Plug Male 3/4"
20	M5	Adaptor Male 20mm x 1/2"
21	M119	SMC Solenoid Valve 1/2"
22	M115	Socket Male 20mm x 1/2"
23		Clear Pipe 20mm - cut to 67mm
24	M112	Bleed Outlet - Socket Female 20mm x 3/4"
25	M6 / M37	Adaptor Male 20mm x 3/4" customised to fit Internal Check Valve
26	M73	Tee 20mm x 1/2" - Injection Port for Inhibitor
27	M73	Tee 20mm x 1/2" - Injection Port for Biocide A
28	M73	Tee 20mm x 1/2" - Injection Port for Dispersant
29	M73	Tee 20mm x 1/2" - Injection Port for pH
30	M73	Tee 20mm x 1/2" - Injection Port for Chlorine
31	M73	Tee 20mm x 1/2" - Injection Port for Bromine
32	M6	Adaptor Male 20mm x 3/4"
33	M2	Manifold Outlet - Adaptor Female 20mm x 3/4"
34	M82	Pipe Clip 1"
35	K17	Digichem Plus+ Controller
36	K38	GPO 240VAC for Pump INH - Inhibitor and Pump A - Biocide
37		Conduit 25mm - cut to 40mm
38	K38	GPO 240VAC for Pump ORP - Chlorine and Bromine
39		Conduit 25mm - cut to 62mm
40	K38	GPO 240VAC for Pump DIS - Dispersant and Pump pH - Acid
41		Conduit 20mm - cut to 30mm into 20x25mm reducing bush
42	K1	BNC for Flow Switch
43	K1	BNC for Ph Probe
44	K1	BNC for ORP Probe
45	K3	Cabinet 600x500x180
46	K4	Cabinet Mounting Plate
47		Cabinet Mounting Bracket
48		PVC Board 600x345mm - 10mm thick

NOTES	
1	For more detail of Cable Glands under Digichem Plus refer to "Controller Base Template"
2	Chlorine and Bromine Injection ports (DWG REF 30 & 31) omitted from manifold if optional mixing chamber is ordered with system

Convergent Water Controls

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Ver	Date	Notes	By	Check
1.0	10/07/08	ORIGINAL	LF	LN

Filename: \\FILENAME

Drawn By: LF — Date: 10/07/08

Checked By: LN — Date: 10/07/08

Scale: N/A

DIMENSIONS ARE IN MM
DO NOT SCALE

Title: Assembly Diagram

Project / Part Number: DP-DCAPH-RXP-X/6S-CAB — Ver: 1.0

Client: CONVERGENT WATER CONTROLS — Drawing No: DRAWING NO