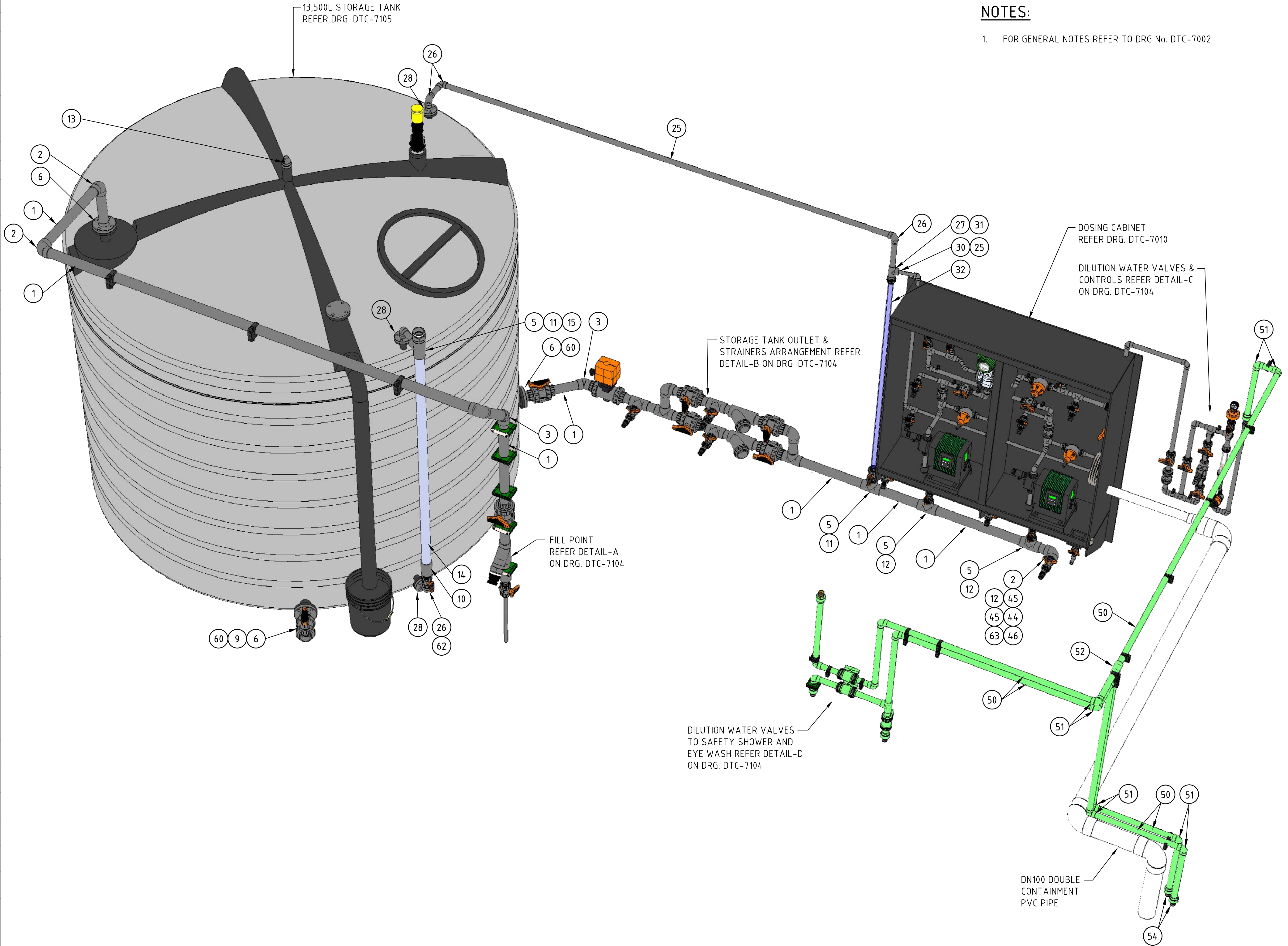


ITEM No.	QTY.	ITEM DESCRIPTION	REFERENCE	REMARKS
1	9m	DN50 PIPE, PLAIN END, uPVC, SCH. 80	ASTM D1784, D1785	CUT TO SUIT
2	6	DN50 90° ELBOW, S x S, uPVC, SCH. 80	ASTM D1784, D2467	
3	2	DN50 45° ELBOW, S x S, uPVC, SCH. 80	ASTM D1784, D2467	
4	1	DN50 45° WYE, S x S x S, uPVC, SCH. 80	ASTM D1784, D2467	
5	9	DN50 EQUAL TEE, S x S x S, uPVC, SCH. 80	ASTM D1784, D2467	
6	2	DN50 FLANGE ADAPTER uPVC, SCH. 80 c/w DN50 316 STAINLESS STEEL BACKING RING, ANSI 150	ASTM D1784, D2467	
7	1	DN50 ADAPTER SOCKET, S x M-NPT, uPVC, SCH. 80	ASTM D1784, D2467	
8	1	DN50 CAMLOCK, TYPE A ADAPTER x FEMALE BSP, PP (DIXON OR APPROVED EQUIV.)	ASTM D1784, D2467	
9	1	DN50 BARREL NIPPLE, uPVC, SCH. 80	ASTM D1784, D2467	
10	2	DN50 OUTLET SOCKET COUPLING, uPVC SCH. 80	ASTM D1784, D2467	
11	4	DN50 x DN25 REDUCING BUSH SHORT, uPVC, SCH. 80	ASTM D1784, D2467	
12	6	DN50 x DN20 REDUCING BUSH SHORT, uPVC, SCH. 80	ASTM D1784, D2467	
13	1	DN50 VENT CAP, uPVC, SCH. 80	ASTM D1784, D2467	REFER TANK DRG.
14	1.9m	DN50 CLEAR PIPE, PLAIN END, uPVC, SCH. 80	ASTM D1784, D1785	
15	1	DN50 PLUG, uPVC, SCH. 80	ASTM D1784, D2467	
25	3.5m	DN25 PIPE, PLAIN END, uPVC, SCH. 80	ASTM D1784, D1785	CUT TO SUIT
26	5	DN25 90° ELBOW, S x S, uPVC, SCH. 80	ASTM D1784, D2467	
27	1	DN25 EQUAL TEE, S x S x S, uPVC, SCH. 80	ASTM D1784, D2467	
28	3	DN25 FLANGE ADAPTER uPVC, SCH. 80 c/w DN50 316 STAINLESS STEEL BACKING RING, ANSI 150	ASTM D1784, D2467	
29	1	DN25 UNION, S x S, uPVC, SCH. 80	ASTM D1784, D2467	
30	2	DN25 x DN15 REDUCING BUSH SHORT, uPVC, SCH. 80	ASTM D1784, D2467	
31	3	DN25 BARREL NIPPLE, uPVC, SCH. 80	ASTM D1784, D2467	
32	1.75m	DN25 CLEAR PIPE, PLAIN END, uPVC, SCH. 80	ASTM D1784, D1785	CUT TO SUIT
40	4m	DN20 PIPE, PLAIN END, uPVC, SCH. 80	ASTM D1784, D1785	CUT TO SUIT
41	6	DN20 90° ELBOW, S x S, uPVC, SCH. 80	ASTM D1784, D2467	
42	4	DN20 EQUAL TEE, S x S x S, uPVC, SCH. 80	ASTM D1784, D2467	
43	1	DN20 x DN15 REDUCING BUSH SHORT, uPVC, SCH. 80	ASTM D1784, D2467	
44	5	DN20 ADAPTER SOCKET, S x F-NPT, uPVC, SCH. 80	ASTM D1784, D2467	
45	10	DN20 BARREL NIPPLE, uPVC, SCH. 80	ASTM D1784, D2467	
46	4	DN20 MALE CAMLOCK TO M-BSP, TYPE F, POLY	ASTM D1784, D2467	
47	1m	DN15 PIPE, PLAIN END, uPVC, SCH. 80	ASTM D1784, D1785	CUT TO SUIT
50	14m	DN25 PIPE, PLAIN END, PP-R, SDR 7.4		
51	14	DN25 90° ELBOW, S x S, PP-R, SDR 7.4		
52	2	DN25 EQUAL TEE, S x S x S, PP-R, SDR 7.4		
53	3	DN25 ADAPTER SOCKET, WELDED, PP-R, SDR 7.4		
54	6	DN25 ADAPTER SOCKET, BRASS M-BSP, PP-R, SDR 7.4		
55	3	DN25 BALL VALVE, S x UNION ENDS, PP-R, SDR 9		
60	6	DN50 BALL VALVE, SOCKET, uPVC, SCH. 80 (GEORGE FISCHER TYPE 546 OR APPROVED EQUIV.)		
61	1	DN50 BALL VALVE, MOTORISED, SOCKET, uPVC, SCH. 80 (GEORGE FISCHER TYPE 546 WITH EA-11, 24 VDC OR APPROVED EQUIV.)		
62	2	DN25 BALL VALVE, SOCKET, uPVC, SCH. 80 (GEORGE FISCHER TYPE 546 OR APPROVED EQUIV.)		
63	8	DN20 BALL VALVE, SOCKET, uPVC, SCH. 80 (GEORGE FISCHER TYPE 546 OR APPROVED EQUIV.)		
64	1	DN20 CHECK VALVE, SOCKET, uPVC, SCH. 80 (GEORGE FISCHER TYPE 561 OR APPROVED EQUIV.)		
65	2	DN50 STRAINER, Y-TYPE, SOCKET, uPVC, SCH.80 (GEORGE FISCHER TYPE 305 OR APPROVED EQUIV.)		
66	1	DN15 PRESSURE INDICATOR c/w DIAPHRAGM, NPT, (STUBBE OR APPROVED EQUIV.)		
67	1	DN20 DIAPHRAGM VALVE, uPVC, SCH.80 (GEORGE FISCHER TYPE 514 OR APPROVED EQUIV.)		
68	1	DN20 SOLENOID VALVE, uPVC, SCH.80 (GEORGE FISCHER OR APPROVED EQUIV.)		
69	1	DN20 FLOW SWITCH (IFM SI5000 OR APPROVED EQUIV.)		
70	1	DN20 ROTAMETER, SOCKET, UNIONS, uPVC, (GEORGE FISCHER TYPE OR APPROVED EQUIV.)		



OVERALL PIPING PERSPECTIVE

<div>Sydney</div> <div>WATER</div>	APPROVED	MAR 2017						DEEMED TO COMPLY DRAWINGS		<div>DTC</div> <div>7103</div>
								13.5kL CHEMICAL DOSING UNIT FERROUS/FERRIC CHLORIDE & CALCIUM NITRATE PIPEWORK DETAILS - SHEET 1 OF 2		
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	LETTER		DETAILS OF AMENDMENT	APP'D	DATE					