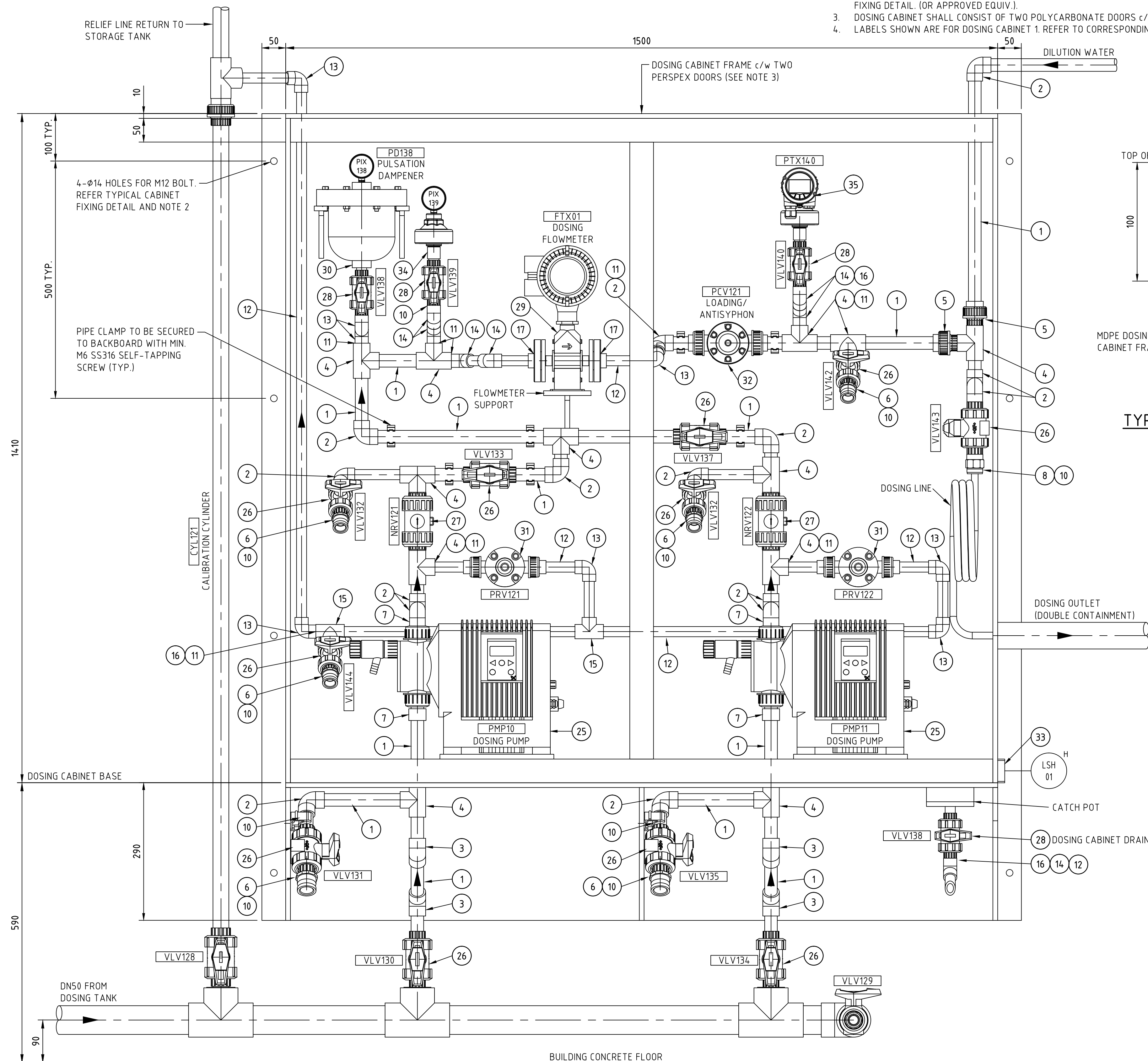


A1

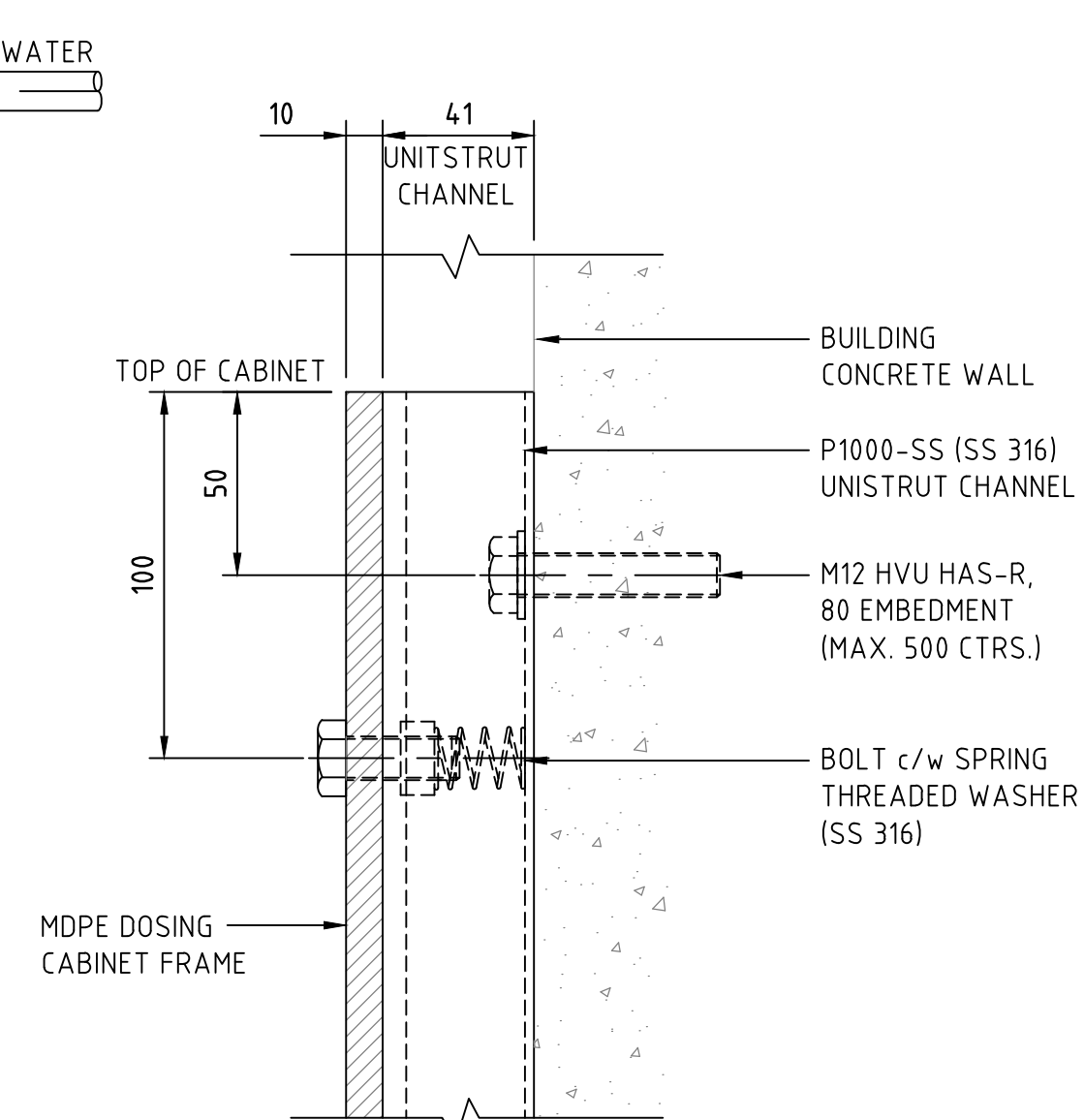
NOTES:

- FOR GENERAL NOTES REFER TO DRAWING DTC-7002.
- DOSING CABINET MANUFACTURED FROM 10mm THK. MEDIUM DENSITY POLYETHYLENE (MDPE) SHEETS. DOSING CABINET SHALL BE BOLTED AND FIXED TO UNISTRUT CHANNEL ON BACK WALL OF BUILDING AS SHOWN IN TYPICAL FIXING DETAIL. (OR APPROVED EQUIV.).
- DOSING CABINET SHALL CONSIST OF TWO POLYCARBONATE DOORS c/w TWO S/STEEL HINGES TO EACH DOOR.
- LABELS SHOWN ARE FOR DOSING CABINET 1. REFER TO CORRESPONDING P&ID FOR DOSING CABINET 2 LABELS.

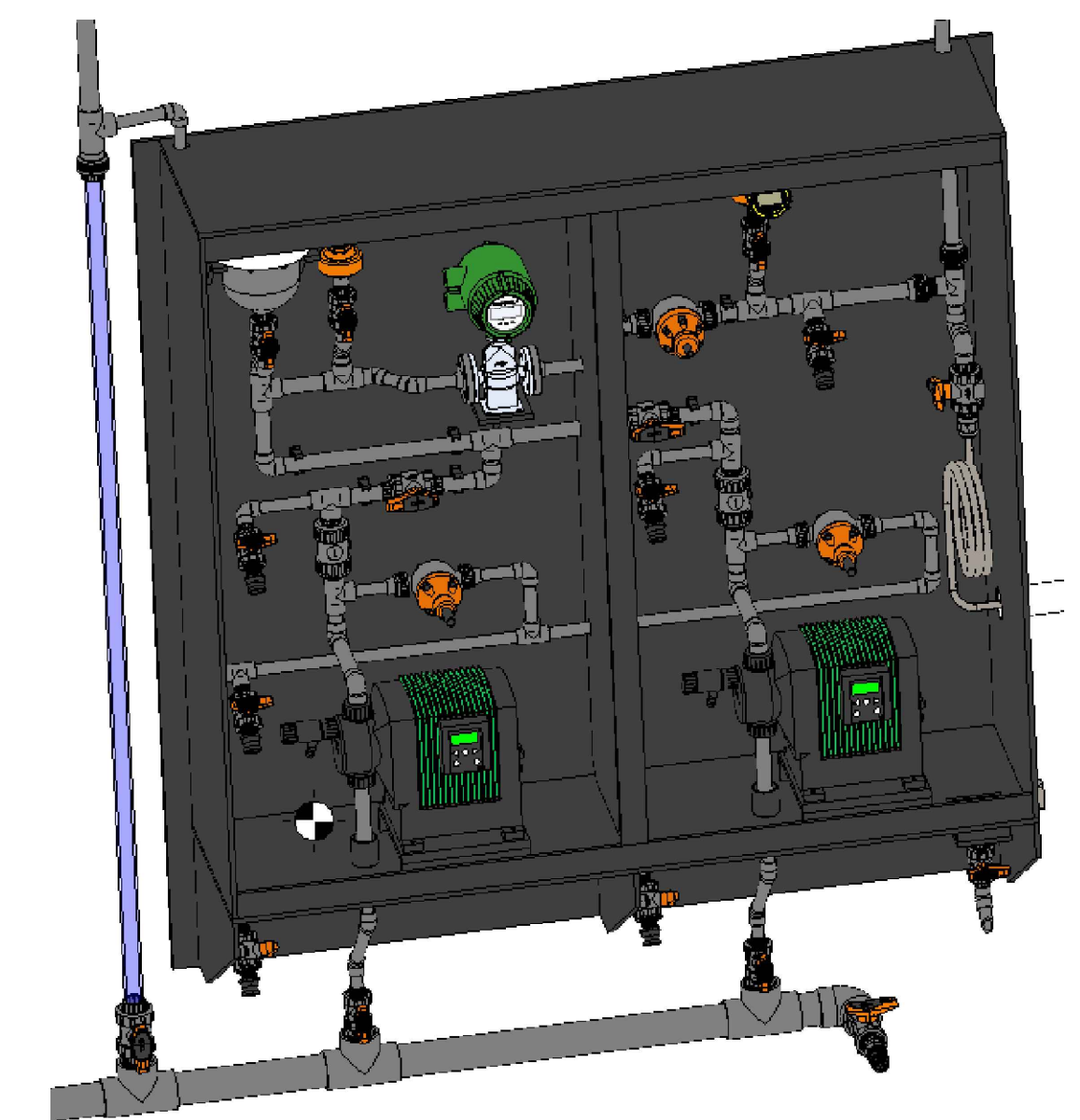
THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. YOU ARE RESPONSIBLE TO APPLY THE WORK SHOWN IN THIS DRAWING CORRECTLY IN THE CIRCUMSTANCES OF YOUR PROJECT. YOU MUST ENSURE THE WORK IS FIT FOR PURPOSE AND WILL PERFORM ITS INTENDED FUNCTION AS REQUIRED.



FRONT VIEW - DOSING CABINET
SCALE 1:5



TYPICAL CABINET FIXING DETAIL
SCALE 1:2



PERSPECTIVE - DOSING CABINET
SCALE NTS

ITEM No.	QTY.	ITEM DESCRIPTION	REFERENCE	REMARKS
1	5m	DN20 PIPE, PLAIN END, uPVC, SCH. 80	ASTM D1784, D1785	CUT TO SUIT
2	13	DN20 90° ELBOW, S x S, uPVC, SCH. 80	ASTM D1784, D2467	
3	4	DN20 45° ELBOW, S x S, uPVC, SCH. 80	ASTM D1784, D2467	
4	13	DN20 EQUAL TEE, S x S x S, uPVC, SCH. 80	ASTM D1784, D2467	
5	2	DN20 UNION, S x S, uPVC, SCH. 80	ASTM D1784, D2467	
6	6	DN20 ADAPTOR SOCKET, SP x F-BSP, uPVC, SCH. 80	ASTM D1784, D2467	
7	4	DN20 ADAPTOR SOCKET, S x M-BSP, uPVC, SCH. 80	ASTM D1784, D2467	
8	1	DN20 ADAPTOR HOSE COUPLING, uPVC, SCH. 80	ASTM D1784, D2467	
9	6	DN20 MALE CAMLOCK TO M-BSP, TYPE F, POLY	ASTM D1784, D2467	
10	12	DN20 BARREL NIPPLE, uPVC, SCH. 80	ASTM D1784, D2467	
11	9	DN20 x DN15 REDUCING BUSH SHORT, uPVC, SCH. 80	ASTM D1784, D2467	
12	3,5m	DN15 PIPE, PLAIN END, uPVC, SCH. 80	ASTM D1784, D1785	CUT TO SUIT
13	9	DN15 90° ELBOW, S x S, uPVC, SCH. 80	ASTM D1784, D2467	
14	6	DN15 45° ELBOW, S x S, uPVC, SCH. 80	ASTM D1784, D2467	
15	1	DN15 EQUAL TEE, S x S x S, uPVC, SCH. 80	ASTM D1784, D2467	
16	6	DN15 BARREL NIPPLE, uPVC, SCH. 80	ASTM D1784, D2467	
17	2	DN15 FLANGE ADAPTOR uPVC, SCH. 80 c/w DN15 316 STAINLESS STEEL BACKING RING, ANSI 150	ASTM D1784, D2467	
25	2	DOSING PUMP, GRUNDFOS DME 60-10 AR (FRONT)		
26	11	DN20 BALL VALVE, SOCKET, uPVC, SCH. 80 (GEORGE FISCHER TYPE 546 OR APPROVED EQUIV.)	ASTM D1784, D2467	
27	2	DN20 CHECK VALVE, SOCKET, uPVC, SCH. 80 (GEORGE FISCHER TYPE 561 OR APPROVED EQUIV.)	ASTM D1784, D2467	
28	4	DN15 BALL VALVE, SOCKET, uPVC, SCH. 80 (GEORGE FISCHER TYPE 546 OR APPROVED EQUIV.)	ASTM D1784, D2467	
29	1	DN15 MAGNETIC FLOW METER, FLANGED ANSI 150, uPVC, (YOKOGAWA AXF002G OR APPROVED EQUIV.)		
30	1	PULSATION DAMPENER c/w PI & SCHRADER VALVE (BLACOH OR APPROVED EQUIV.)		
31	2	DN15 PRESSURE RELIEF VALVE, SOCKET, uPVC, (STUBBE OR APPROVED EQUIV.)		
32	1	DN20 PRESSURE SUSTAINING VALVE, SOCKET, uPVC (STUBBE OR APPROVED EQUIV.)		
33	1	LEVEL SWITCH FOR CATCH POT (HIGH), CAPACITIVE, (IFM KQ6003 OR APPROVED EQUIV.)		
34	1	PRESSURE INDICATOR c/w DIAPHRAGM (STUBBE OR APPROVED EQUIV.)		
35	1	PRESSURE TRANSMITTER c/w DIAPHRAGM (STUBBE OR APPROVED EQUIV.)		

Sydney
WATER



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APPROVED

MAR 2017

KEN WIGGINS
MANAGER, E & ES

ENGINEERING & ENVIRONMENTAL SERVICES

A
LETTER

ORIGINAL ISSUE

DETAILS OF AMENDMENT

KW

17/03/17

APP'D

DATE

DEEMED TO COMPLY DRAWINGS

TYPICAL CHEMICAL DOSING UNIT
FERROUS/FERRIC CHLORIDE & CALCIUM NITRATE
DOSING CABINET DETAILS

DTC
7010