

THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. THE USER IS RESPONSIBLE FOR THE CORRECT APPLICATION OF THIS DRAWING. THE USE OF DTC DRAWINGS IS SUBJECT TO TERMS AND CONDITIONS AS PUBLISHED BY SYDNEY WATER.

PIPE SCHEDULE - ALL CHAMBER PIPEWORK						
WET WELL - DTC/6013 - SEE NOTE 1						
ITEM	NO	DESCRIPTION	PIPE DIA	LENGTH	MATERIAL	REMARKS
1	1	SO X SP PIPE		550	DI	
2	1	FL X SO PIPE		1000	DI	WITH PUDDLE FLANGE 400 OFF SO
3	1	GATE VALVE			DI	RESILENT SEATED WITH GRADE 316 SS EXTENSION SPINDLE & BRACKETS (SEE NOTE 5)
4	1	STAINLESS STEEL DROP TEE			316SS	SCHEDULE 40S. REFER TO DTC/6022
5	2	FL X SO PIPE		1400	DI	WITH PUDDLE FLANGE 375 OFF SO
6	2	FL X FL 90 BEND			DI	
7		FL X FL PIPE			DI	
8	2	FL X FL ECC. REDUCER			DI	TO SUIT PUMP INSTALLATION (IF REQUIRED)
9	4	PACKER FLANGE		25	DI	
10						
11						
12						
13						
VALVE CHAMBER - DTC/6014						
ITEM	NO	DESCRIPTION	PIPE DIA	LENGTH	MATERIAL	REMARKS
21	2	SO X SP PIPE			DI	ROCKET PIPE LENGTH - REFER TO TABLE 1 ON DTC/6016
22	2	FL X SO PIPE		1785	DI	WITH PUDDLE FLANGE 490 OFF SO
23	2	FL X FL PIPE			DI	PIPE SPOOL LENGTH TO MATCH EQUAL TEE (WHERE DESIGN REQUIRES AIR VALVE FL X FL TO REPLACED WITH EQUAL TEE)
24	2	FL X FL PIPE		1075	DI	WITH PUDDLE FLANGE 325 OFF FL
25	2	FL X FL X FL TEE			DI	FBE COATED & LINED
26	1	FL X FL PIPE		1185	DI	FBE COATED & LINED
27	2	NON RETURN VALVE			DI	FULL BORE, LONG BODIED SWING CHECK TYPE WITH HINGE PIN EXTENDED ON SIDE FACING VALVE CHAMBER WALL c/w DN15 TAPPED HOLE (PIPE THREAD) WITH END PLUG IN BONNET TO AS4794.
28	2	DISMANTLING JOINT		400	DI	THRUST BEARING
29	2	GATE VALVE			DI	RESILENT SEATED WITH GMS EXTENSION SPINDLE, SPINDLE SUPPORT BRACKETS. MATCH DISCHARGE PIPEWORK SIZE
30	1	GATE VALVE			DI	RESILENT SEATED WITH GMS EXTENSION SPINDLE, SHROUD & SURFACE COVER. MATCH DISCHARGE PIPEWORK SIZE
31	1	SO X SO X FL TEE			DI	FBE COATED & LINED. FLANGE OFFTAKE TO MATCH BYPASS DESIGN SIZE (DN200-DN100)
32	1	FL X FL ECC. REDUCER			DI	ECCENTRIC REDUCER TO BE INSTALLED FLAT ON BOTTOM (FOR SCOUR) - IF REQUIRED.
33	1	GATE VALVE			DI	RESILENT SEATED WITH GMS EXTENSION SPINDLE, SHROUD & SURFACE COVER
34	1	FL X SO CONNECTOR			DI	FBE COATED & LINED
35	1	GATE VALVE			DI	RESILENT SEATED WITH GMS EXTENSION SPINDLE, SHROUD & SURFACE COVER
36	1	FL X SO CONNECTOR	200		DI	FBE COATED & LINED. SIZE TO MATCH BYPASS DESIGN SIZE (DN200-DN100)
37	1	FL X SP PIPE		400	DI	
38	1	SP X SP PIPE		750	DI	ROCKER PIPE LENGTH = 2-3 x PIPE O.D.
39	1	GIBAULT JOINT		400	DI	316 SS BOLTS
40	1					
41						
42						
43						
44						
45						
INLET MAINTENANCE HOLE - DTC/6016. SEE NOTE 2						
ITEM	NO	DESCRIPTION	PIPE DIA	LENGTH	MATERIAL	REMARKS
51	2	SP X SP PIPE			DI	ROCKER PIPE REFER TO TABLE 1 DTC/6016
52	1	SP X SO PIPE		550	DI	
53	2	SP X SP PIPE			DI	ROCKER PIPE REFER TO TABLE 1 DTC/6016
54	1	FL X SO PIPE		1000	DI	WITH PUDDLE FLANGE 520 OFF SO
55	2	SO X SO CONNECTOR			DI	
56	1	SP X SP PIPE			GRP	SN10000
57	1	PIPE COUPLING (EPDM SEAL)			GRP	GRP ONLY
58	1	SP X SP PIPE			GRP	SN10000, ROCKER PIPE REFER TO TABLE 1 DTC/6016
59	1	SP X SO PIPE		550		MATERIAL TO MATCH INCOMING SEWER
60						
61						
62						
63						

DENOTES CELL TO BE COMPLETED AS PART OF SITE SPECIFIC DESIGN

DENOTES CELL NOT REQUIRED

NOTES:

1. ALL DI PIPES AND FITTINGS WITHIN THE WET WELL SHALL BE COATED EXTERNALLY IN ACCORDANCE WITH WSA 201 AND SYDNEY WATER SUPPLEMENT. COATING SYSTEM SHALL BE FBE, FPE, EUH OR VES.
2. ALL GRAVITY DI PIPES AND FITTINGS SHALL BE LINED INTERNALLY WITH CALCIUM ALUMINATE CEMENT MORTAR OR THERMALLY BONDED POLYMERIC LINING IN ACCORDANCE WITH AS/NZS 2280.
3. FLANGES SHALL BE IN ACCORDANCE WITH DTC/1145 AND DTC/1146. ALL BOLTS, NUTS AND WASHERS SHALL BE GRADE 316 STAINLESS STEEL.
4. GRP PIPE MATERIAL TO AS3571.1 MAY BE REPLACED WITH SN8 uPVC PIPE TO AS/NZS 1260 OR PE / PP PIPE GRAVITY CLASS TO AS5065.
5. SPINDLE EXTENSION TO BE SUPPLIED BY ACTUATOR SUPPLIER FOR TORQUE APPLIED BY ACTUATOR.



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APPROVED

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MANAGER – ENGINEERING

URBAN DESIGN & ENGINEERING

A  
LETTER

ORIGINAL ISSUE (PREVIOUSLY DRAWING DTC/6029)

DETAILS OF ISSUE / AMENDMENT

NS

25/06/21

APP'D

DATE

DEEMED TO COMPLY DRAWINGS

SEWAGE PUMPING STATION  
PIPEWORK

SCHEDULE SHEET 1 OF 2

DTC

6042

ISSUE

DATE

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25/06/21