



TYPICAL FLOW CONTROL VALVE

TYPICAL PROPERTY STORAGE ARRANGEMENT

ITEM LIST

ITEM	SIZE	DESCRIPTION	OWNER
1	"DN S"	PE100 PN16 BW PIPE (L.T.S.) WITH BW FLANGE STUB	PRIVATE
2	"DN S"	FL-FL DICL 90° BEND	S.W.
3	"DN S"	FL-FL DICL PIPE (L.T.S.)	S.W.
4	"DN S"	FL-FL FLOW CONTROL VALVE (SPECIFIED)	S.W.
5	"DN S"	FL-SO DICL 90° BEND	S.W.
6	DN 25	UPVC (or DN32 PE100) (L.T.S.)	S.W.
7	DN 300	UPVC PN12 (L.T.S.)	S.W.
8	DN 300	UPVC END CAP	S.W.
9	DN 300	316 SS TAPPING SADDLE WITH 50mm FERRULE MAIN COCK	S.W.
10	"DN S"	SP-SO UPVC PN16 (LENGTH AND BENDS TO SUIT)	PRIVATE
11	DN 50	UPVC PN12 (L.T.S.)	PRIVATE
12	1.5x "DN S"	UPVC PN12 (L.T.S.)	PRIVATE

ABBREVIATIONS:

L.T.S.	=	LENGTH TO SUIT
FCV	=	FLOW CONTROL VALVE
RLS	=	REMOTE LEVEL SENSOR
DN	=	NOMINAL DIAMETER
DN S	=	NOMINAL DIAMETER OF THE SERVICE LINE AND METER
FL	=	FLANGED FITTING
SO	=	SOCKETED FITTING
SS	=	STAINLESS STEEL
FSL	=	FINISHED SURFACE LEVEL
TYP	=	TYPICAL
MIN	=	MINIMUM
S.W.	=	SHOALHAVEN WATER
PRIVATE	=	PROPERTY OWNERS RESPONSIBILITY

TABLE 1 - SERVICE LINE EQUIVALENCES

METER SIZE DN	COPPER DN	DICL DN	PVC DN	PE100 DN
80	80	80		90
100		100	100	125
150		150	150	180
200		200	200	250

NOTES:

- G1 NEOPRENE WASHERS AND PACKERS TO BE USED TO ELIMINATE CONTACT BETWEEN ALL ALUMINIUM AND STAINLESS STEEL FITTINGS, BOLTS, ETC.
- G2 ALL WORKS TO BE APPROVED BY SHOALHAVEN WATER PRIOR TO CONNECTION
- G3 NOMINAL DIAMETER (DN) OF PIPE IS BASED ON THE:
 - INTERNAL DIAMETER (ID) FOR ALL PIPE (OTHER THAN PE PIPE)
 - OUTSIDE DIAMETER (OD) FOR PE PIPE.
- G4 ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.

RESPONSIBILITIES:

- SHOALHAVEN WATER IS RESPONSIBLE FOR THE FLOW CONTROL VALVE (FCV) AND THE ASSOCIATED MECHANISMS WHICH INCLUDES:
- FCV, ASSOCIATED CONCRETE SLAB, COVER BOX AND DICL PIPEWORK UP TO THE FLANGES (AS INDICATED ON THIS DRAWING).
 - REMOTE LEVEL SENSOR (RLS) UNIT WITH BALL COCK VALVE AND FLOAT.
 - RLS UNIT FEEDER HOSES AND CONDUITS.
 - RLS UNIT PVC HOUSING, ALUMINIUM SHROUD, END CAP, TAPPING BAND AND FERRULE MAIN COCK.
- THE PROPERTY OWNER IS RESPONSIBLE FOR ALL OTHER REMS STRUCTURES AND PIPEWORK BEYOND THE REMS SERVICE METER WHICH INCLUDES:
- SERVICE MAIN BETWEEN THE SERVICE METER AND DICL FLANGE AT FLOW CONTROL VALVE (FCV) (AS INDICATED ON THIS DRAWING)
 - STORAGE SUPPLY PIPE BEYOND THE DICL FLANGE AT FCV (AS INDICATED ON THIS DRAWING)
 - ALL FEATURES ASSOCIATED WITH THE PROPERTY STORAGE INCLUDING EARTHWORKS, LINER, OVERFLOW, FENCING, ETC.
 - EQUALISATION PIPE BETWEEN THE REMOTE LEVEL SENSOR (RLS) UNIT AND THE PROPERTY STORAGE (AS INDICATED ON THIS DRAWING)

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

				CONSULTANT DETAILS:		DESIGNED: R.D. DATE: 1-6-15 COMPANY: S.W.		TITLE: RECLAIMED WATER MANAGEMENT SCHEME			
						DRAWN: R.D. DATE: 1-6-15 COMPANY: S.W.		REMS 1B			
						CHECKED: D.T. DATE: 21-8-15 COMPANY: S.W.		SERVICE 80mm OR GREATER			
						APPROVED: D.B. DATE: COMPANY: S.W.		TYPICAL FLOW CONTROL VALVE ARRANGEMENT			
				CONSULTANT REFERENCE No.				SIZE: A1 SCALE: N.T.S. INDEX No.		DRAWING No. 24066 SHEET 012 REV No. B	
No. 1				REVISION DETAILS		DWN DATE					