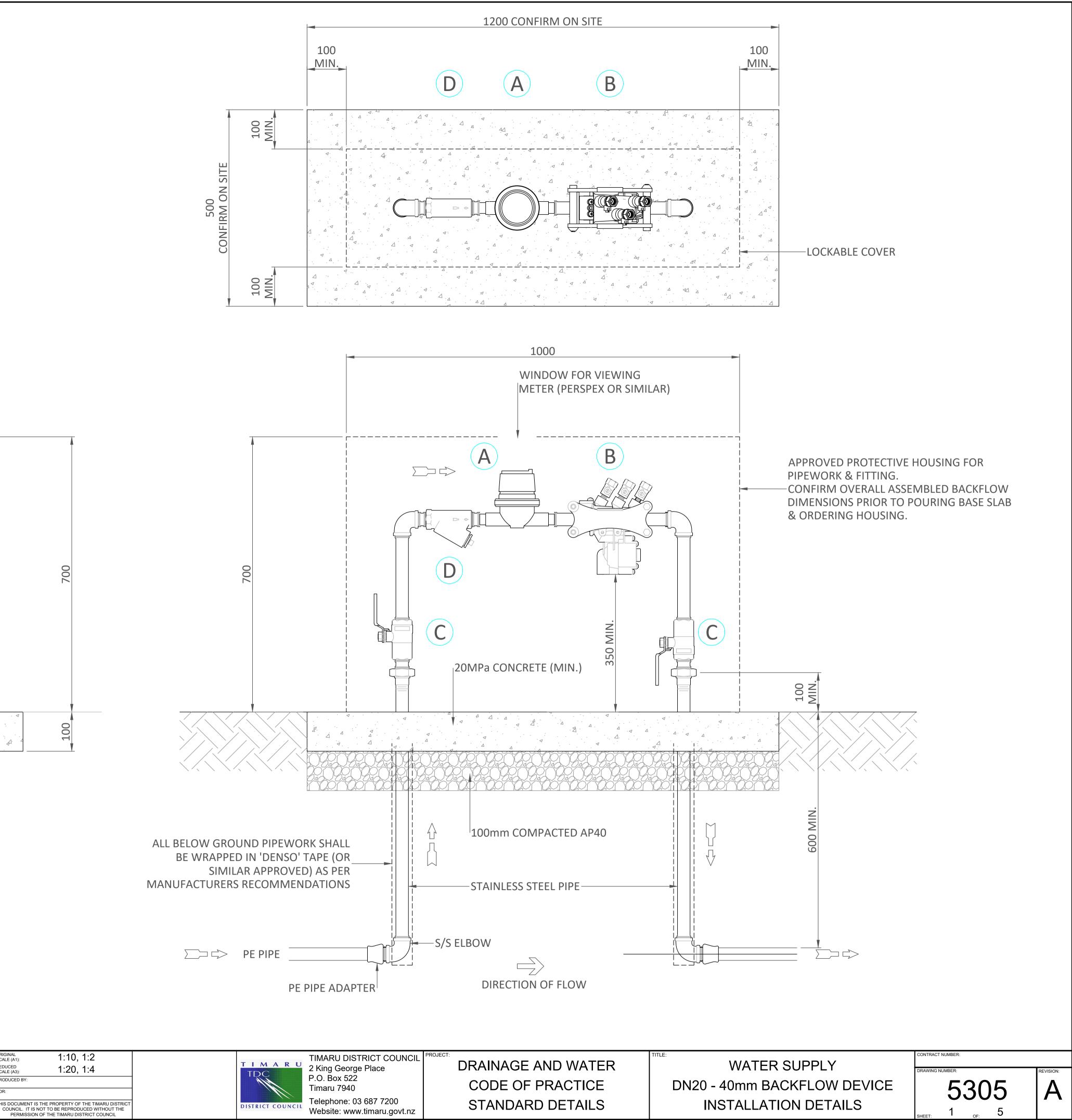
	REDUCE	D PRES	SURE			- BACKFLO	W DEVIC	CE				
	SIZE	ITEM	DESCRII	PTION		TS LIST						
	DN20 -	А	Wate	er M	ete	r Sensus 620B	or similar	approve	ed			
	DN40	В				lkins 375XL or	simiar app	proved				
	mm ID	C D				el Ball Valve r 20 mesh scre	en					
	PIPE UPS THE CON	TREAM & TRACTOR ITIONAL	AY REC 2x PIF S RES FITTIN	QUIRI PE Ø PON: GS N	E A DO SIBI NEEI	5x PIPE Ø LENO WNSTREAM O LITY TO CHECK DED FOR THE S	GTH OF ST F THE ME C AND ALL	ter -it i ow fof	S R			
NOTE	ES.											
1.	USE ONLY DRZ BI	RASS OR S	STAIN	LESS	FIT	TINGS						
2.	ALL STAINLESS S	TEEL PIPE	S SHA	LL BE	E 31	.6 SCHEDULE 1	0 MINIMU	JM.				
3.	ALL STAINLESS S	TEEL ELBO	DWS A	RE 3	16	STANDARD			3	00		
4.	HOUSING SHALL INTERFERENCE/D											
5.	SUITABLE HOUSI OR SHEETMETAL		ERIALS	MA	Y IN	ICLUDE CHAIN	-INK MESH		 			
6.	UNIT SHALL BE L	OCKABLE										
		(HANDL	e 'Ope			BALL VALVE RECTION OF— FLOW)						
		S/S	MAC L	JNIO	N C	ONNECTION-						
			PREV			E GROUND TO NDING UNDER						
						HOUSING						
					-1							
						SURVEY FILE: DATA SOURCE:	WATER DRAINAGE	INITIAL DATE	SURVEYED	NAME	DATE ORIGINAL SCALE (A1): - REDUCED SCALE (A3):	1 1
						LEVEL DATUM	PARKS		DESIGNED DESIGN CHECK DRAWN		FOR:	
				_	_	-			DRG CHECK		THIS DOCUMEN	T IS THE PROPE

APPROVED

PLANNING

REVISION

BY CHK APP. DATE



DO NOT SCALE - IF IN DOUBT ASK

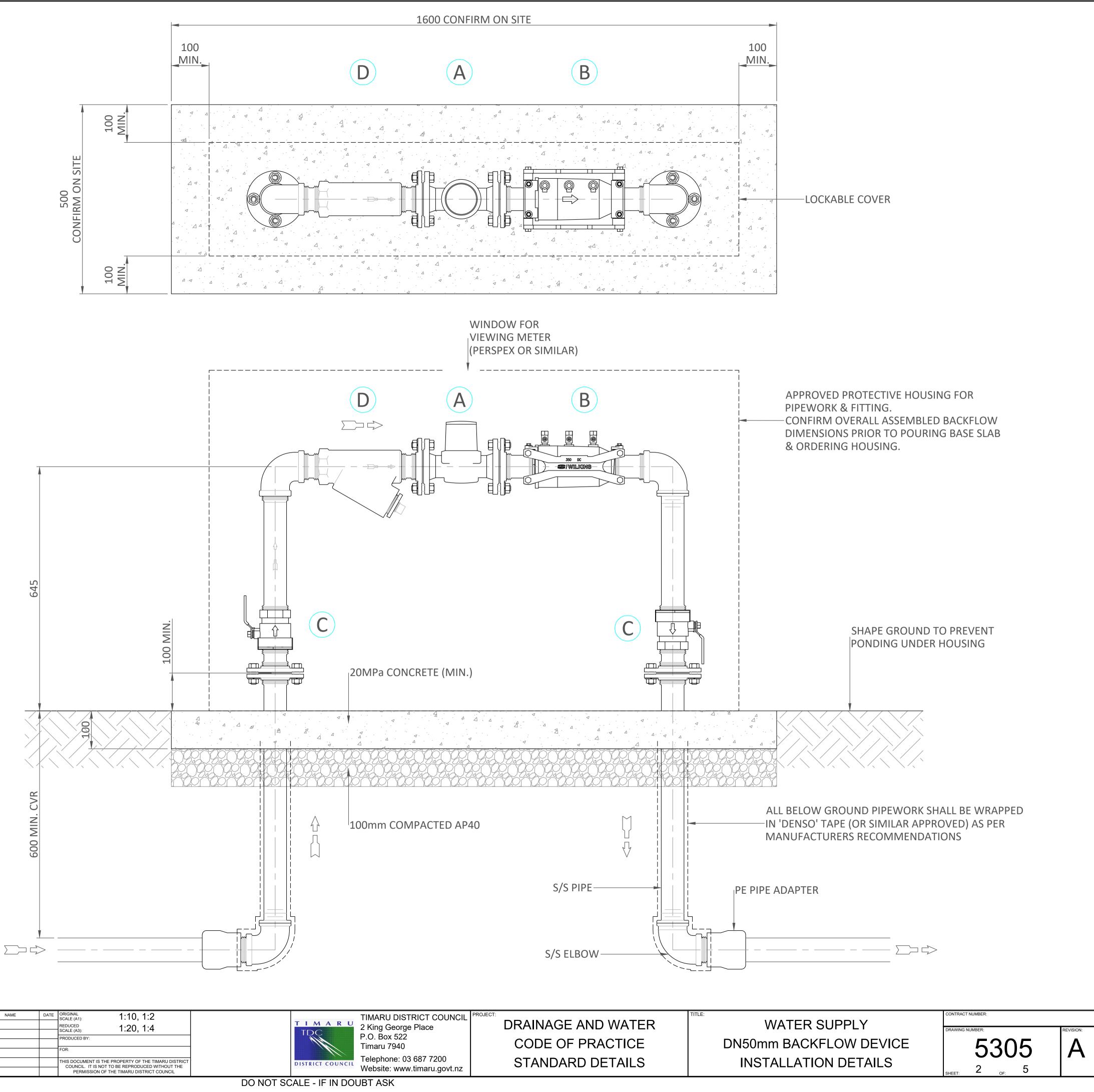
DOUBLE CHECK VALVE - BACKFLOW DEVICE

		PARTS LIST							
SIZE	ITEM	DESCRIPTION							
	А	Water Meter Sensus Meistream Plus o							
	A	similar approved							
	В	Zurn-Wilkins 350 Double Check							
DN50 mm ID	D	Assembly or similar approved							
	С	Ball Valve Stainless Steel							
	D	Wye Strainer 20 mesh screen							
SOME METE	RS MAY REQU	JIRE A 5x PIPE Ø LENGTH OF STRAIGHT							
PIPE UPSTRE	PIPE UPSTREAM & 2x PIPE Ø DOWNSTREAM OF THE METER -IT IS								
THE CONTRACTORS RESPONSIBILITY TO CHECK AND ALLOW FOR									
ANY ADDITIONAL FITTINGS NEEDED FOR THE SUPPLIED MAKE &									
MODEL OF METER OR FITTING.									

NOTES.

- 1. USE ONLY DRZ BRASS OR STAINLESS STEEL FITTINGS
- 2. ALL STAINLESS STEEL PIPES SHALL BE 316 SCHEDULE 10 MINIMUM.
- 3. ALL STAINLESS STEEL ELBOWS ARE 316 STANDARD
- 4. ALL STAINLESS STEEL FLANGES ARE TO AS2129 TABLE E STANDARD.
- 5. HOUSING SHALL BE SUITABLE TO PREVENT INTERFERENCE/DAMAGE TO THE ASSEMBLY.
- 6. SUITABLE HOUSING MATERIALS MAY INCLUDE CHAINLINK MESH OR SHEETMETAL
- 7. UNIT SHALL BE LOCKABLE





						SURVEY FILE:		INITIAL	DATE		NAME	DATE	ORIGINAL	1:10,
							WATER				10.002		SCALE (A1):	1.10,
						DATA SOURCE:				SURVEYED			REDUCED	1:20,
							DRAINAGE			DESIGNED			SCALE (A3):	1.20,
						LEVEL DATUM	ROADING						PRODUCED BY:	
							PARKS			DESIGN CHECK				
										DRAWN			FOR:	
							ELEC.PWR							
							TELECOM			DRG CHECK			THIS DOCUMENT IS THE PR COUNCIL. IT IS NOT TO B	
No.	REVISION		СНК	APP.	DATE	1	PLANNING			APPROVED			PERMISSION OF THE	
Origin	al Sheet Size A1 (841 x 594) N:\Standard Plans\02_Drain	age an	d Wat	er Star	ndards\	5305								

DOUBLE CHECK VALVE - BACKFLOW DEVICE

		PARTS LIST						
SIZE	ITEM	DESCRIPTION						
	А	Water Meter Sensus Meistream Plus or						
	A	similar approved						
	В	Zurn-Wilkins 350 Double Check						
DN50 mm ID	D	Assembly or similar approved						
	С	Ball Valve Stainless Steel						
	D	Wye Strainer 20 mesh screen						
SOME METE	RS MAY REQU	JIRE A 5x PIPE Ø LENGTH OF STRAIGHT						
PIPE UPSTREAM & 2x PIPE Ø DOWNSTREAM OF THE METER -IT IS								
THE CONTRACTORS RESPONSIBILITY TO CHECK AND ALLOW FOR								
ANY ADDITIONAL FITTINGS NEEDED FOR THE SUPPLIED MAKE &								
MODEL OF N	IETER OR FIT	TING.						

NOTES.

- 1. USE ONLY DRZ BRASS OR STAINLESS STEEL FITTINGS
- 2. ALL STAINLESS STEEL PIPES SHALL BE 316 SCHEDULE 10 MINIMUM.
- 3. ALL STAINLESS STEEL ELBOWS ARE 316 STANDARD
- 4. ALL STAINLESS STEEL FLANGES ARE TO AS2129 TABLE E STANDARD.
- 5. HOUSING SHALL BE SUITABLE TO PREVENT INTERFERENCE/DAMAGE TO THE ASSEMBLY.
- 6. ALL TIMBER SHALL BE TANALISED H5 TREATED
- 7. ALL NAILS/SCREWS SHALL BE STAINLESS STEEL

TO 4 CORNERS 450 MIN

50x50 TIMBER SUPPORT

SHAPE GROUND TO SHED

RUNOFF AWAY FROM LID

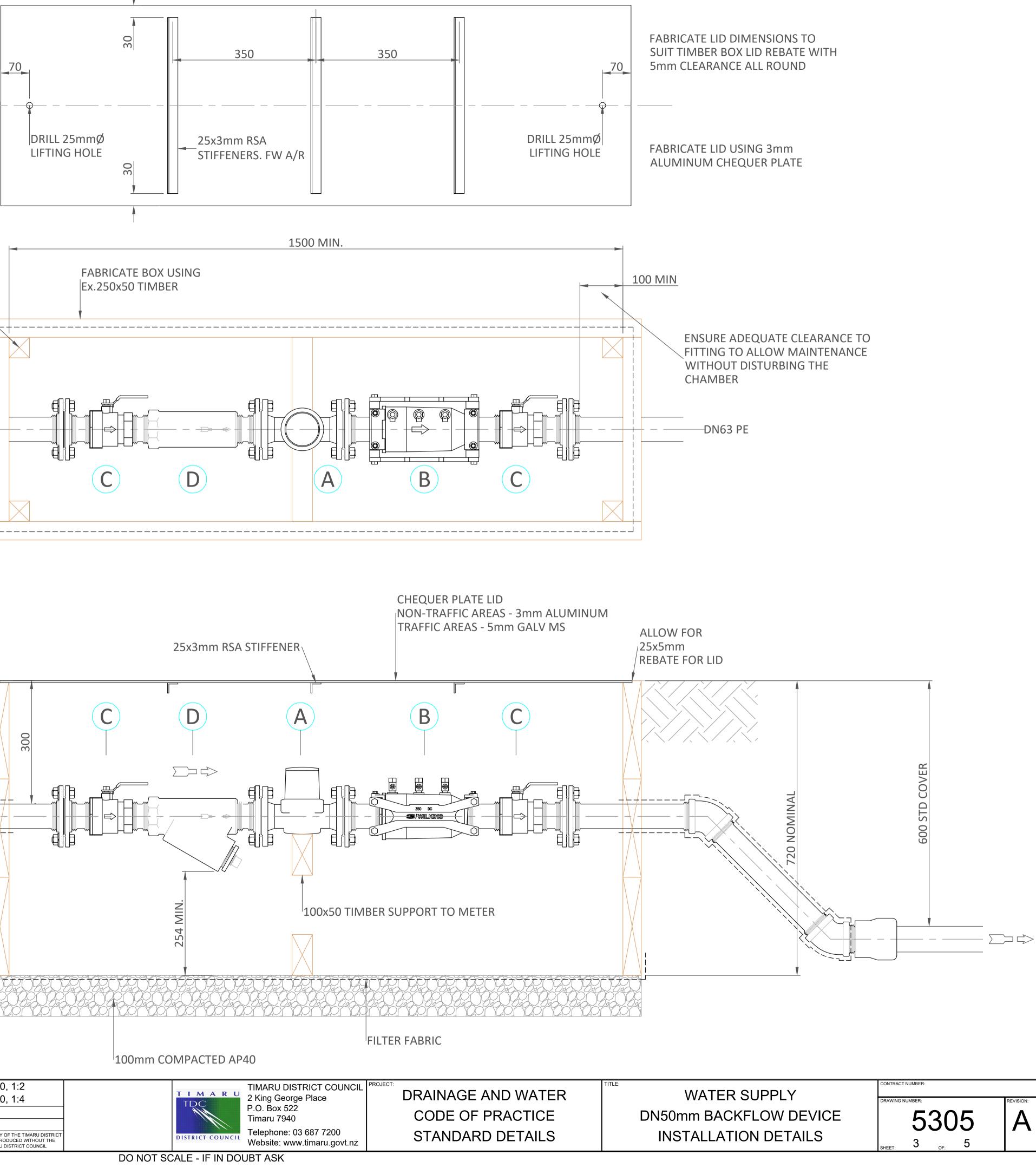
ALL PIPEWORK SHALL BE STAINLESS STEEL UNTIL STANDARD 600mm PIPE COVER IS ACHIEVED

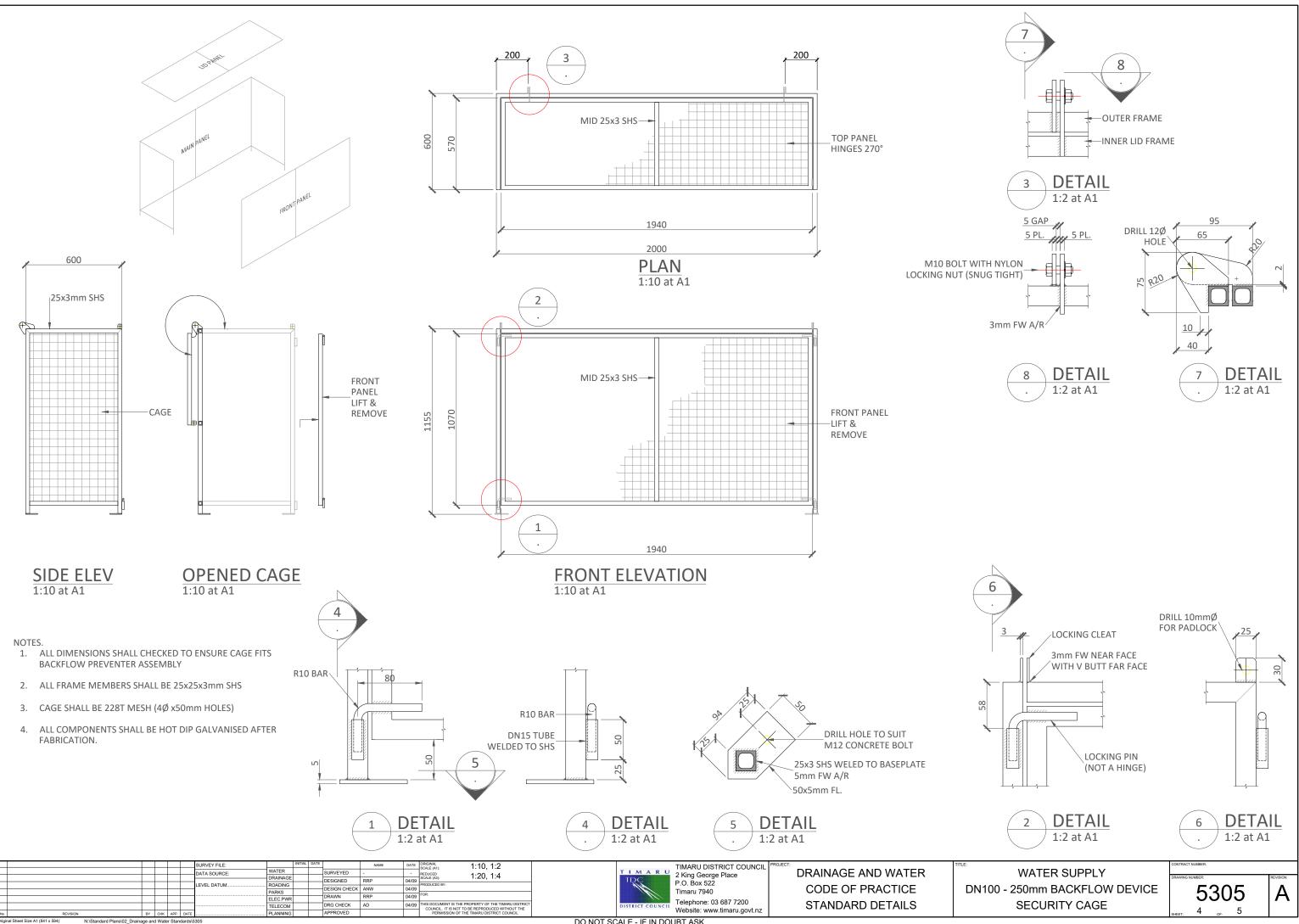
ALL BELOW GROUND PIPEWORK SHALL BE WRAPPED IN 'DENSO' TAPE (OR SIMILAR APPROVED) AS PER MANUFACTURERS RECOMMENDATIONS

DN63 PE

PE PIPE ADAPTER

						SURVEY FILE:		INITIAL	DATE		NAME		1:10,
						DATA SOURCE:	WATER			SURVEYED		· · /	,
							DRAINAGE			DESIGNED		SCALE (A3):	1:20,
						LEVEL DATUM	ROADING					PRODUCED BY:	
							PARKS			DESIGN CHECK		505	
			1				ELEC.PWR			DRAWN		FOR:	
							TELECOM			DRG CHECK		THIS DOCUMENT IS THE PR COUNCIL. IT IS NOT TO E	
No.	REVISION		снк	APP.	DATE		PLANNING			APPROVED		PERMISSION OF THE	
Origin	al Sheet Size A1 (841 x 594) N:\Standard Plans\02_Drair	nage ar	nd Wate							· · · ·			

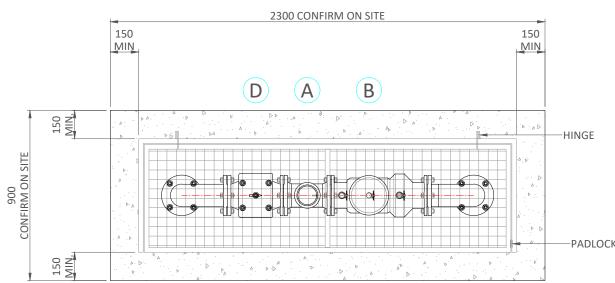


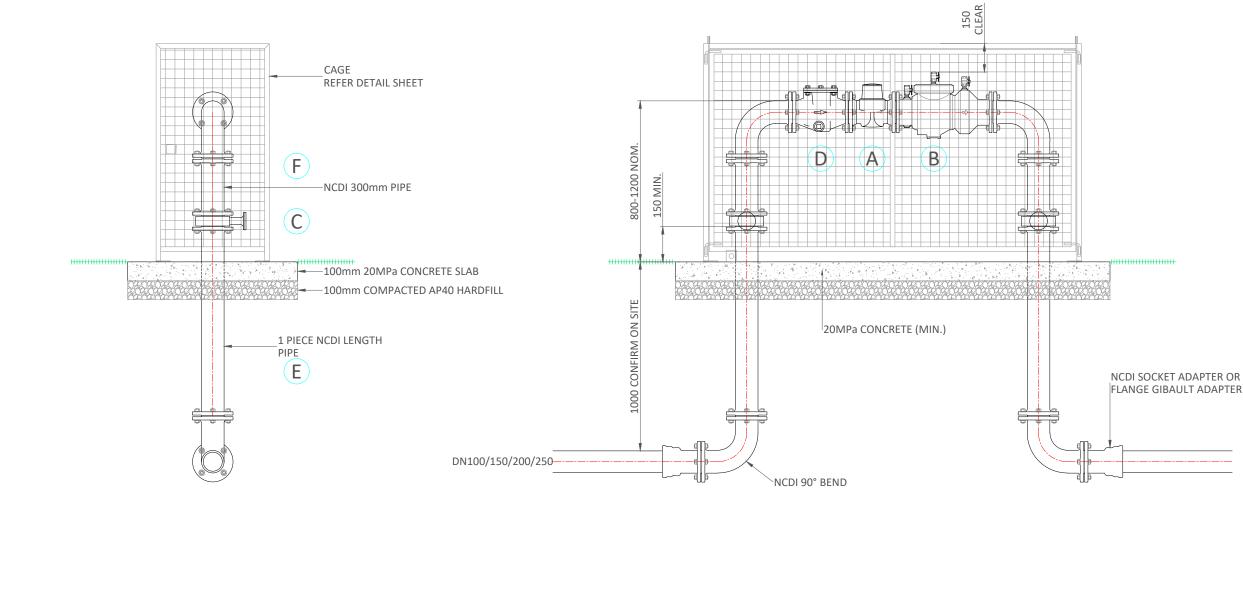


DO NOT SCALE - IF IN DOUBT ASK

		PARTS LIST								
SIZE	ITEM	DESCRIPTION								
	А	WATER METER: SENSUS MEISTREAM PLUS								
DN100 - DN250	В	DOUBLE CHECK BACKFLOW PREVENTER: ZURN WILKINS 350 175 PSI F/F (SEE NOTE BELOW)								
DN250	С	WAFER VALVE - LOCKABLE								
	D	STRAINER 'CLA-VAL' H MODEL-X43H								
	E	NCDI PIPE LENGTHENING PIECE								
	F	NCDI PIPE LENGTHENING PIECE - 300mm LONG								
NCDI = NYLO	N COATED D	DUCTILE IRON								
LANGE BOL	TS = DN100	- 4 BOLTS, DN150-DN250 - 8 BOLTS								
COUNCIL MA VALVE	AY REQUIRE	THAT AN RPZ BE FITTED INSTEAD OF A DOUBLE CHECK								
2x PIPE Ø DO	OWNSTREAM	UIRE A 5x PIPE Ø LENGTH OF STRAIGHT PIPE UPSTREAM & 1 OF THE METER -IT IS THE CONTRACTORS RESPONSIBILITY OR ANY ADDITIONAL FITTINGS NEEDED FOR THE SUPPLIED								

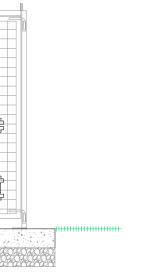
MAKE & MODEL OF METER OR FITTING.





			s	URVEY FILE:	INITIAL DATE		ORIGINAL SCALE (A1):	1.10			TIMARU DISTRICT COUNCIL	PROJECT:	TITLE:	
				ATA SOURCE:	WATER		REDUCED	1:00	т		2 King George Place	DRAINAGE AND WATER		
			-		- DRAINAGE	DESIGNED	SCALE (A3):	1:20	T	DC		BIV WIVIOL / WD W/ (IEI)		
			L	EVEL DATUM	ROADING	DESIGN CHECK	PRODUCED BY:				P.O. Box 522			
— Г					PARKS		FOR		11日 日本 11日 11日		Timaru 7940	CODE OF PRACTICE	DN1	
					ELEC.PWR	DRAWN					Telephone: 03 687 7200			
					" TELECOM	DRG CHECK		E PROPERTY OF THE TIMARU DISTRICT	DIST			STANDARD DETAILS		
N	n. REVISION	BY CHK APP.	DATE		PLANNING	APPROVED		THE TIMARU DISTRICT COUNCIL			Website: www.timaru.govt.nz			
Or	Original Sheet Size A1 (841 x 594) N:\Standard Plans\02_Drainage and Water Standards\5305							DO NOT SCALE - IF IN DOUBT ASK						

-PADLOCK LUGS



WATER SUPPLY N100 - 250mm BACKFLOW DEVICE INSTALLATION DETAILS

5305 5

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