

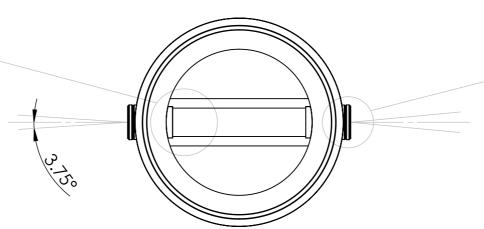
ROMOLD DN1000 manhole chambers are approved to EN 13598-2. Maximum depth to invert is 6m. Maximum groundwater height is 5m.
Suitable for Class D traffic loading (meeting HN-HO-72).
Bases are applicable for PVC pipe sizes of DN150, DN175, DN225, DN300 & DN375. Pre-benched bases have +/-3.75° of angular alignment per socket. Maximum pipe grade for pre-benched base is 6.5%. Fall through pre-benched base is 0.5%.

Custom bases are available for larger pipe sizes, different pipe materials or inlet arrangements that are outside of our pre-benched options.

DIMENSIO	THERWISE SPECIFIEDNS ARE IN MILLIME		FINISH:				DEBUR AND BREAK SHARP	DO NOT SCALE DRAWING REVISION				
SURFACE TOLERAN LINEAR: ANGUL	CES:						EDGES	GENE	RAL L	.AYOUT		
	NAME	SIG	NATURE	DATE								
DRAWN	S.McDonald			02.04.20					ICT			
CHK'D										RALASIA II DING		
APPV'D												
MFG												
Q.A					MATERIAL	: Polypropy	lene	ROMOLD DN1000 Manhole Chamber				
								SCALE:1:20	SH	EET 1 OF 9		



Polypropylene channel and benching liner extrusion welded into base at factory.
Deeper than full-pipe channel.
Fall through channel (from socket to socket) 0.5% (5mm).
Texture on benching for safety.
Migration channels for case of surcharge.



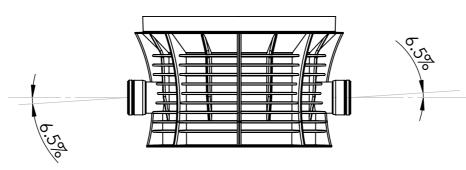


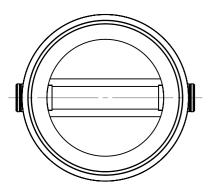
Polypropylene socket with SBR seal

Socket fusion bonded to manhole base

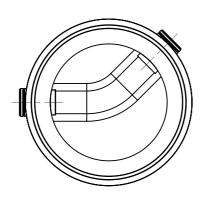
Sockets provide +/-3.75° angular tolerance +/- 7.5° over two sockets 0 - 6.5% pipe grade

Sockets are designed to accept PVC pipe to AS/NZS 1254 & AS/NZS 1260

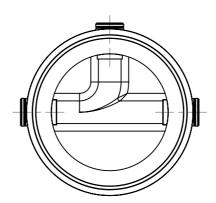




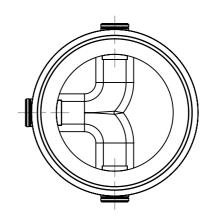
IPP 1 B 100.15/50



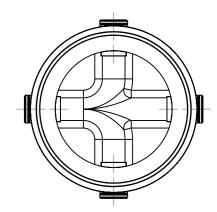
IPP 1 BB 100.15/50-135°



IPP 2 BL 100.15/50-90°



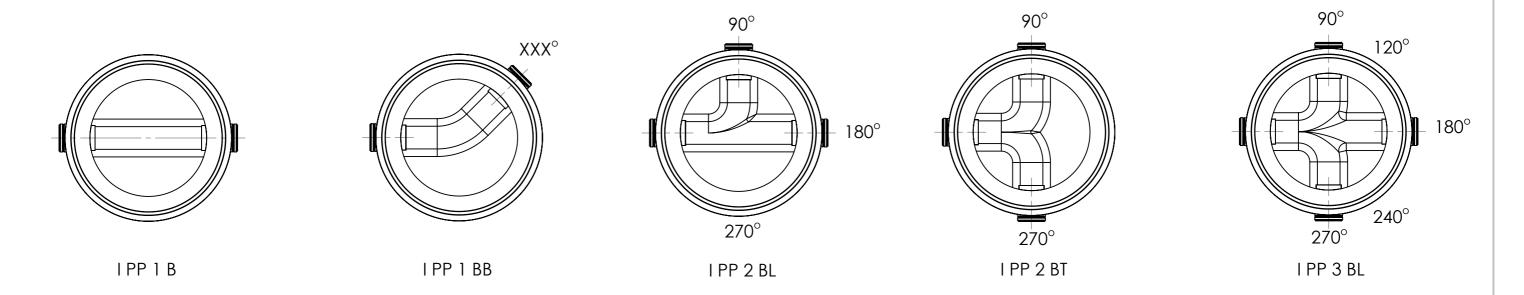
IPP 2 BT 100.20/50-90°



IPP 3 BL 100.15/50-90°

DIMENSIO	OTHERWISE SPECIFIE ONS ARE IN MILLIM		FINISH:				DEBUR AND BREAK SHARP	DO NOT SCALE DRAWING		revision 1	
SURFACE TOLERAN LINEAR: ANGUL	ICES:						EDGES	I F	P BAS	SE	
	NAME	SIGI	NATURE	DATE							
DRAWN	S.McDonald			02.04.20					270	ΛΙ Λ Ω ΙΛ	
CHK'D									7 [ALASIA DING	
APPV'D											
MFG											
Q.A					MATERIAL	: Polypropy	lene	ROMOLD DN1000 /	∕lanho	le Chamber	А3
								SCALE:1:20	SHEET	2 OF 9	

See next sheet for standard I PP base options. Standard base options are available from New Zealand stock.



Base	1 B						1 [3B						2 BL		2 BT	3 1	3L
Angle	180° Straight	90°	105°	120°	135°	150°	165°	195°	210°	225°	240°	255°	270°	90°& 180°	180°& 270°	90°& 270°	60°	90°
DN150																		
DN175																		
DN225																		
DN300																		
DN375																		

Base sockets have $\pm -3.75^{\circ}$ of angular tolerance ($\pm -7.5^{\circ}$ across 2 sockets).

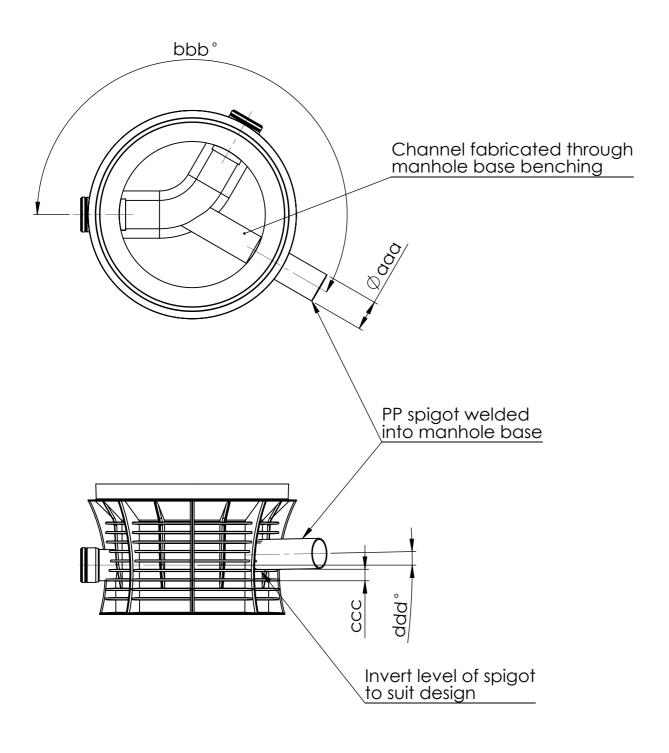
1 B & 1 BB bases can meet any angle of inlet from 90° to 270° .

3 BL bases at 60° have inlets at 120° , 180° & 240° .

For modified bases see next sheet.

DIMENSIO	OTHERWISE SPECIFIE ONS ARE IN MILLIMI		FINISH:				DEBUR AND BREAK SHARP	DO NOT SCALE DRAWING REVISION				
SURFACE TOLERAN LINEAR ANGUL	ICES:						EDGES	BA	ASE OPTIO	SNC		
	NAME	SIG	NATURE	DATE								
DRAWN	S.McDonald			02.04.20					V ICTD	ΛΙ Λ Ω ΙΛ		
CHK'D										ALASIA _DING		
APPV'D												
MFG												
Q.A					MATERIAL	: Polypropy	vlene	ROMOLD DN 1000 Manhole Chamber			А3	
								SCALE:1:20	SHEET	3 OF 9		

Standard base options are available from New Zealand stock.



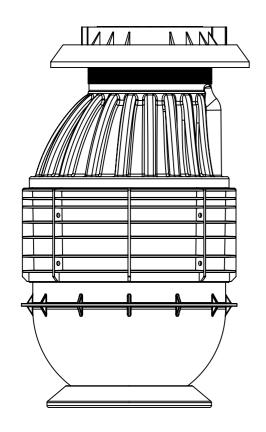
ed Inlet Specification
Inlet +1
Inlet +2

Modification of IPP pre-benched bases to meet design requirements.

Additional inlets provided by PP spigot welded into manhole base, with channel fabricated through benching.
Pipe size, invert level, angle to match design.
Connection to spigot through mechanical coupler.

For specifications that cannot be met with this approach see the ROMOLD DN1000 Round Bottom PE base. This offers an open template to custom build any manhole base.

DIMENSIO	OTHERWISE SPECIFIED ONS ARE IN MILLIME		FINISH:				DEBUR AND BREAK SHARP	DO NOT SCALE DRAWING REVISION				
SURFACE TOLERAN LINEAR: ANGUL	ICES:						EDGES	FABRICA1	ED INLETS			
				DATE								
DRAWN				02.04.20				AI IC				
CHK'D								TRALASIA ULDING				
APPV'D												
MFG												
Q.A					MATERIAL:	Polypropy	lene	DWG NO. ROMOLD DN 1000 MC	nhole Chamber	А3		
						SCALE:1:20	SHEET 4 OF 9					

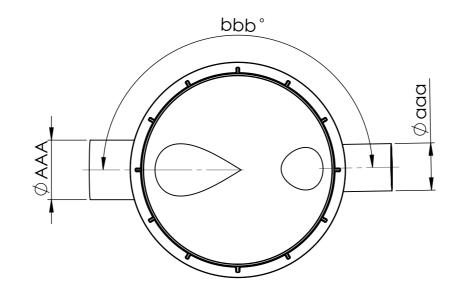


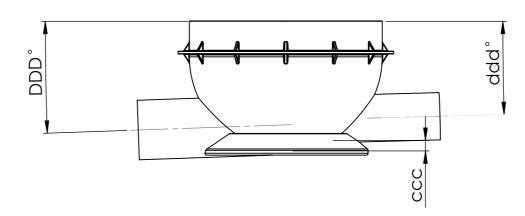


solutions.

Pipelines with PE pipe, different pipe sizes, large pipes, steep grades, or non-standard angles can be catered for.

Fabricated in New Zealand.





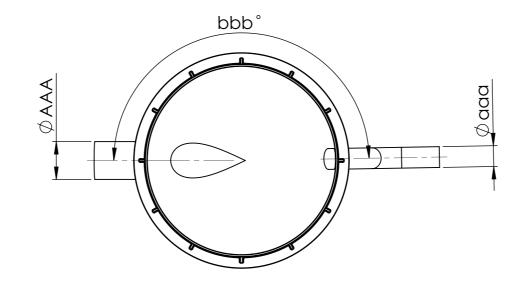
Fabricated	RB Base Specification
Manhole Number	
,	Outlet
Pipe type, size, SDR	
Grade	
	Inlet 1
Pipe type, size, SDR	
Angle	
Invert level	
Grade	
	Inlet 2
Pipe type, size, SDR	
Angle	
Invert level	
Grade	
	Inlet 3
Pipe type, size, SDR	
Angle	
Invert level	
Grade	
,	Inlet 4
Pipe type, size, SDR	
Angle	
Invert level	
Grade	
<u> </u>	Inlet 5
Pipe type, size, SDR	
Angle	
Invert level	
Grade	

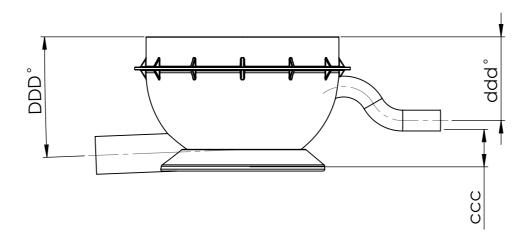
RB 100/70 BS - round bottom PE base, 700mm high RB 100/100 BS - round bottom PE base, 1000mm high

Round bottom base also allows solutions for pressure sewer or pump station discharge chambers. See next sheet for typical detail.

Contact us to learn more.

DIMENSIO	OTHERWISE SPECIFIE ONS ARE IN MILLIME		FINISH:				DEBUR AND BREAK SHARP	DO NOT SCALE DRAWING	REVISION	
SURFACE TOLERAN LINEAR ANGUL	ICES:						EDGES	FABRICATED ROL	IND BOTTOM B	SASE
	NAME	SIG	NATURE	DATE						
DRAWN	S.McDonald			02.04.20				AI IC		
CHK'D									TRALASIA JI DING	
APPV'D										
MFG										
Q.A					MATERIAL	Polyethylen	e Base	ROMOLD DN1000 Mc	inhole Chamber	А3
						olypropylerie C	opper orills			
								SCALE:1:20	SHEET 5 OF 9	





Discharge Chamber Base Specification

Manhole Number

Outlet

Pipe type, size, SDR

Grade

Discharge Inlet

Pipe type, size, SDR

Angle

Invert level

Grade

Inlet 2

Pipe type, size, SDR

Angle

Invert level

Grade

Inlet 2

Pipe type, size, SDR

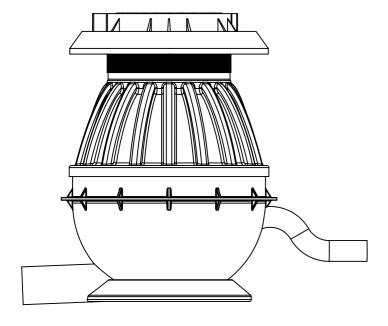
Angle

Invert level

Grade

Invert level

Grade



ROMOLD DN1000 Discharge Chamber with polyethylene Round-Bottom (RB) base.

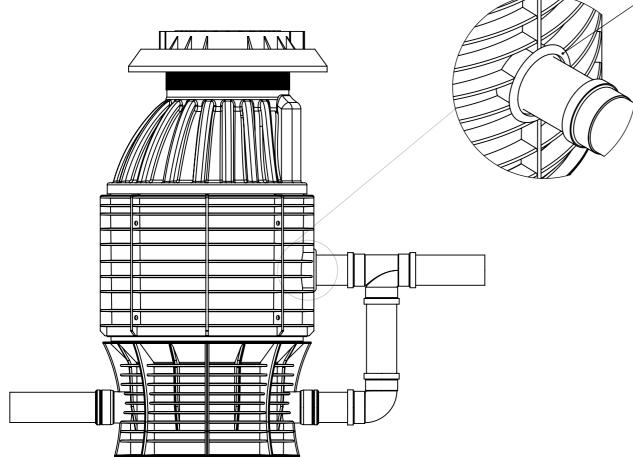
Double bend on inlet to maintain a full line from pump station. Outlet sized to suit connection to gravity sewer.

Fabricated in New Zealand.

DIMENSI	OTHERWISE SPECIFIE ONS ARE IN MILLIME		FINISH:				DEBUR AND BREAK SHARP	DO NOT SCALE DRAWING REVISION					
SURFACI TOLERAN LINEAR ANGUI	NCES:						EDGES	DIS	SCHARC	GE CHAMBE	R		
	NAME												
DRAWN	S.McDonald			02.04.20				AUSTRALASIA MOULDING					
CHK'D											<u>`</u>		
APPV'D													
MFG													
Q.A					MATERIAI	L: Polyethylen Polypropylene l	e Base Jpper Units	ROMOLD DN1000 Manhole Chamber A3					
						SCALE-1-20		SHEET 4 OF 9					

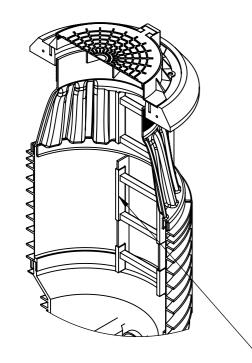
Contact us to learn more.

Lateral connection seal available for DN100, DN150 & DN175 pipes fitted through riser on site

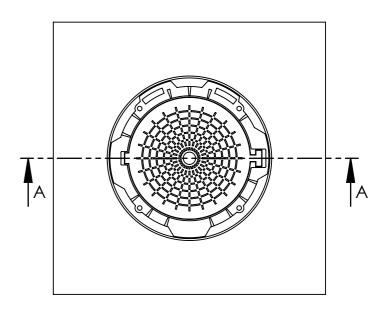


Typical external drop pipe

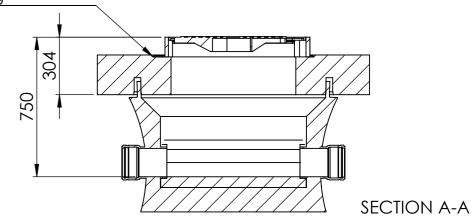
simple tools.



Manhole risers and cone come with reinforced polypropylene ladder elements fitted as standard. The ladder has the same durability as for the chamber. If a manhole without ladder is required the elements can easily be removed on site with



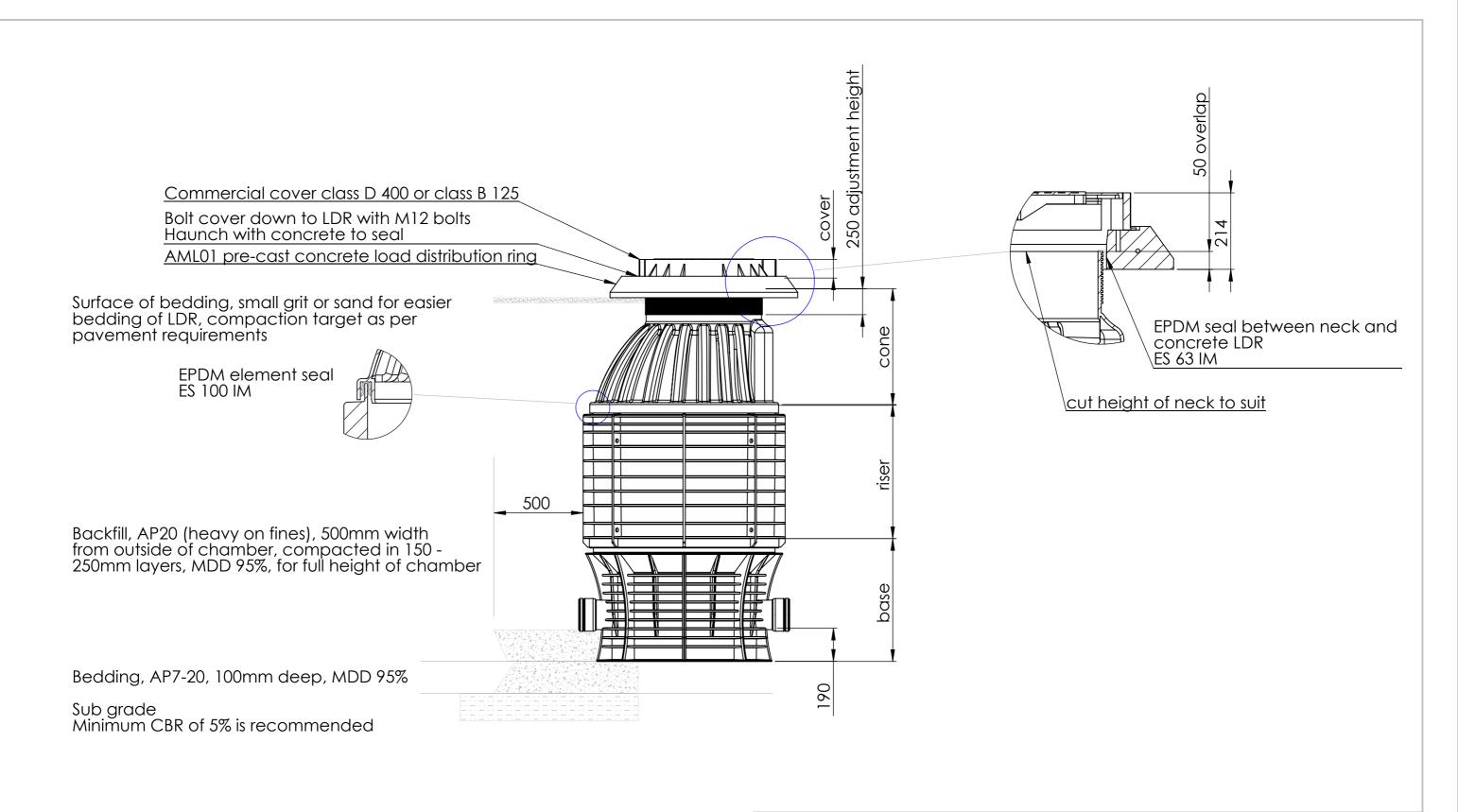
Adjust height with concrete manhole riser ring



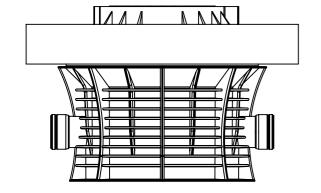
Concrete cover for low install height

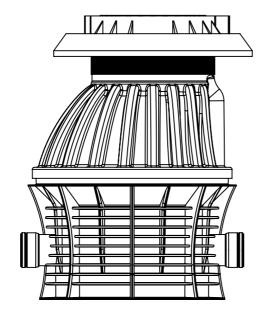
210mm, 1440 x 1440mm reinforced concrete cover Suitable for mounting directly to ROMOLD DN1000 I PP base to provide a lower installation depth

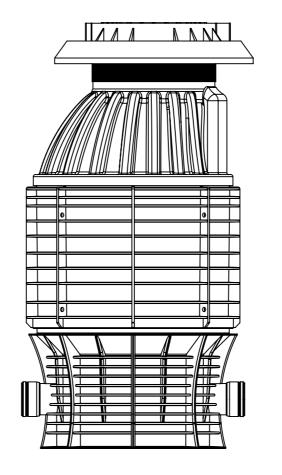
	OTHERWISE SPECIFIE ONS ARE IN MILLIME FINISH:		FINISH:				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING REVISION]				
TOLERAN LINEAR ANGUL	:							ADDITONAL DETAILS				
	NAME SIGNATURE DATE VN S.McDonald 02.04.											
DRAWN	S.McDonald		02.04.20									
CHK'D								AUSTRALASIA MOULDING				
APPV'D												
MFG												
Q.A					MATERIAL	Polypropy	lene	ROMOLD DN1000 Manhole Chamber				
							SCALE:1:20	SHEET 7 OF 9				

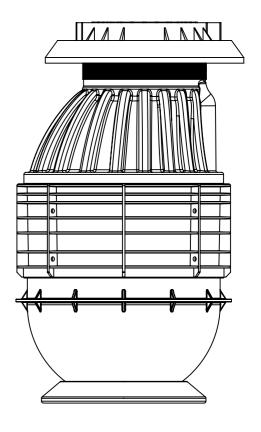


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TOLERAN LINEAR ANGU	NCES: R:						EDGES	INSTALLATION			
	NAME	SIG	NATURE	DATE							
DRAWN	S.McDonald			02.04.20							
CHK'D									TRALASIA ULDING		
APPV'D											
MFG											
Q.A					MATERIAL	MATERIAL: Polypropylene		DWG NO.	anhala Chambar	A3	
\vdash		-				/ /		ROMOLD DN1000 Manhole Chamber			
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					SCALE:1:20	SHEET 8 OF 9					









DIMENSIO	OTHERWISE SPECIFIE ONS ARE IN MILLIM		FINISH:				DEBUR AND BREAK SHARP	DO NOT SCALE DRAWI	NG	revision]		
SURFACE TOLERAN LINEAR: ANGUL	ICES:						EDGES	CAD BLOCKS				
	NAME	SIGI	NATURE	DATE								
DRAWN	S.McDonald			02.04.20					ICTD	ΛΙ Λ Ω ΙΛ		
CHK'D										ALASIA DING		
APPV'D												
MFG												
Q.A					MATERIAL	: Polypropy	rlene	ROMOLD DN1000 Manhole Chamber			А3	
								KOMOLD DIVIDOO Mannole Cha				
							SCALE-1-20	SHEET	9 OF 9			

Available in DXF or DWG formats. Other drawings available. Please enquire.