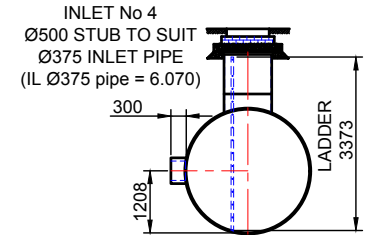
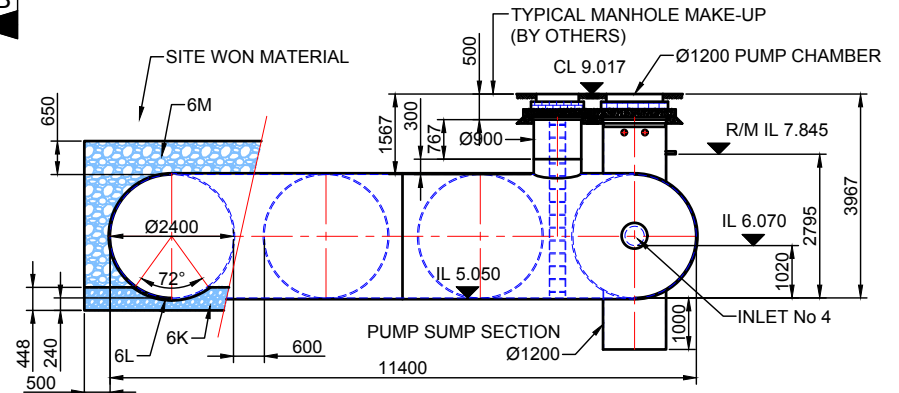


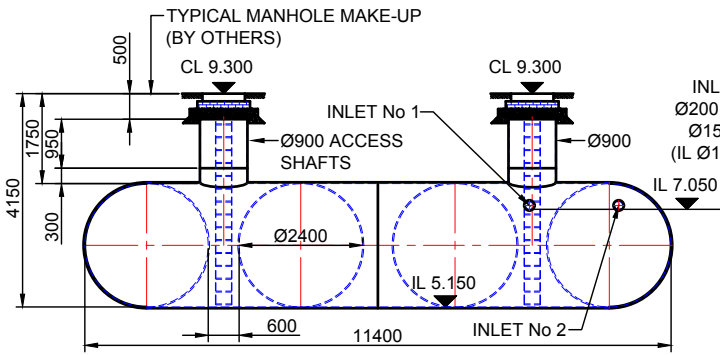
**PLAN VIEW**  
SCALE 1:250



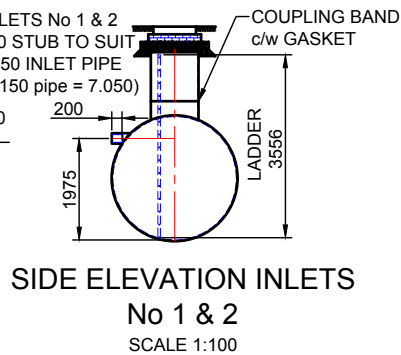
**SIDE ELEVATION  
INLET No 4**  
SCALE 1:100



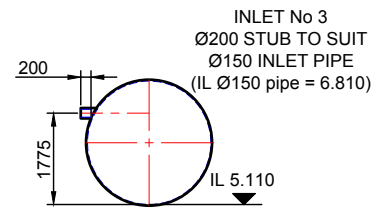
**END SECTION VIEWED B-B**  
SCALE 1:100




**END SECTION VIEWED A-A**  
SCALE 1:100



**SIDE ELEVATION INLETS  
No 1 & 2**  
SCALE 1:100



**SECTION THROUGH  
INLET No 3**  
SCALE 1:100

<b>TITLE</b>		
Storm Water Retention Tank For Barry Biomass		
Cubic Capacity = 652m <sup>3</sup>		CHK.
EN17/17652 3073/14297		
<b>SCALE</b>	<b>DRAWING No.</b>	<b>REV.</b>
Various (A3)	TUB/15257 - Sheet 1 of 3	E
 <b>TUBOSIDER</b> UNITED KINGDOM LTD		
10 SUTTON FOLD INDUSTRIAL ESTATE OFF LANCOTS LANE, ST HELENS, MERSEYSIDE, WA9 3EX TEL: 01744 452900 FAX: 01744 452949 www.tubosider.co.uk E-MAIL: sales@tubosider.co.uk		

Rev.	Date	Drawn	Description
E	26.07.17	MR	Amend Cable Ducts
D	25.07.17	MR	Amend Inlet Number 3 Position
C	25.07.17	MR	Amend To Engineers Comments
B	21.07.17	MR	Issued For Comment
A	27.06.17	MH	Amended Sales Drawing
-	20.06.17	MH	Sales Drawing



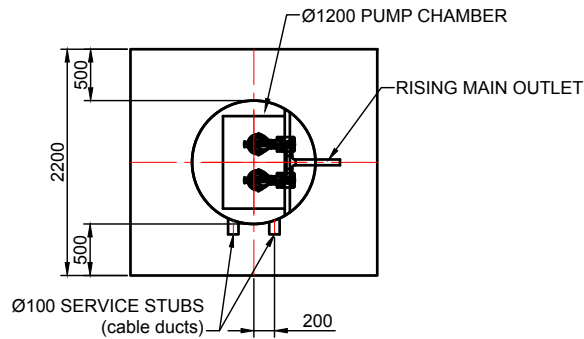
**SINGLE STORE**

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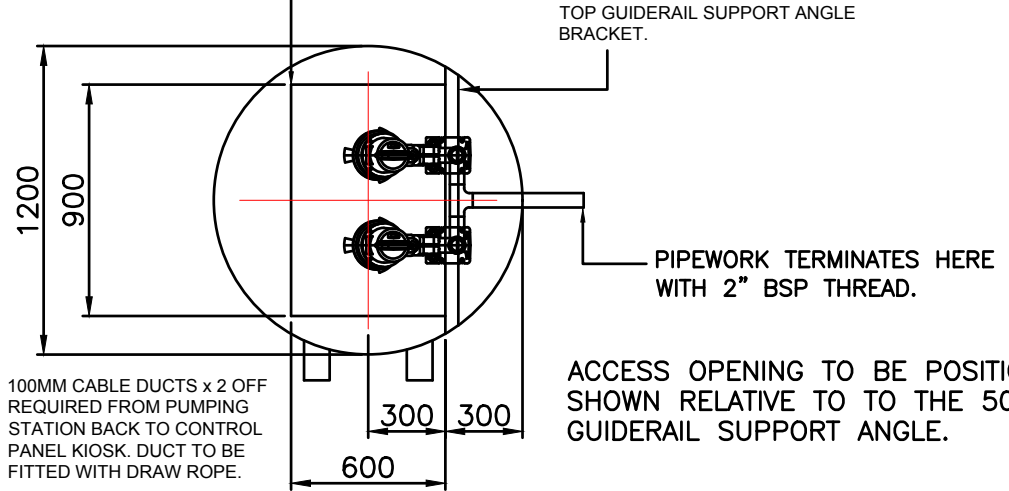
PUMP RATE 3.0 L/S

PLAN VIEW

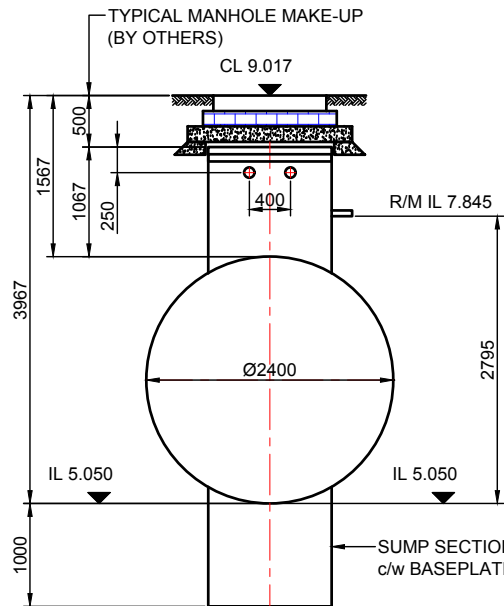
SCALE 1:50



ACCESS OPENING TO BE POSITIONED AS SHOWN RELATIVE TO THE TOP ANGLE IRON SUPPORT, AS SHOWN.

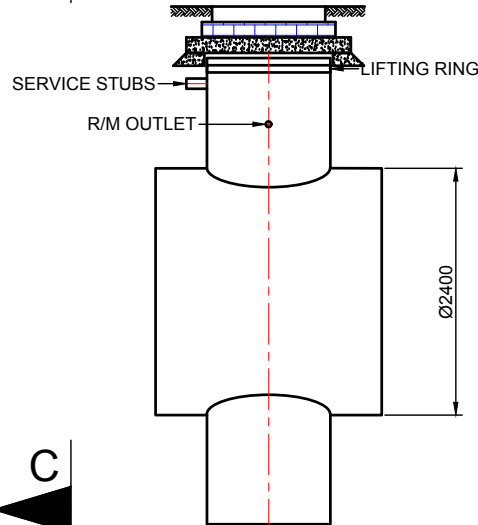


**IMPORTANT NOTE:**  
FAILURE TO POSITION AND MAINTAIN CLEAR OPENING AS SHOWN MAY RESULT IN CANCELLATION OF INSTALLATION.



ELEVATION THROUGH Ø1200 PUMP CHAMBER

SCALE 1:50



VIEW C-C

SCALE 1:50



**SINGLE STORE**

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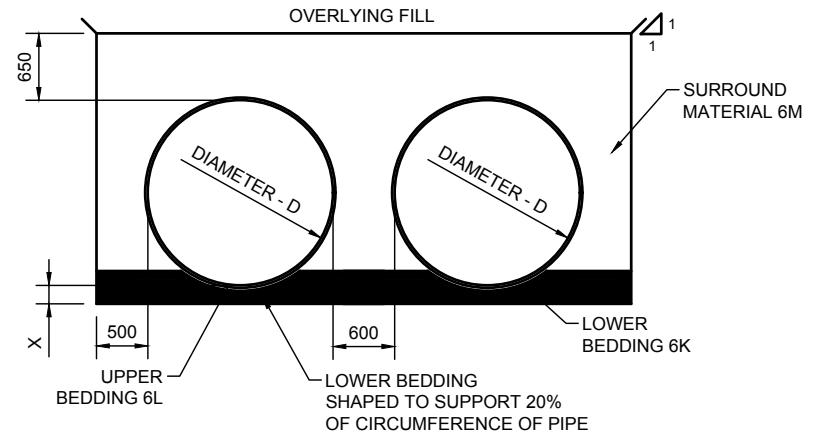
<p>TITLE</p> <p>Storm Water Retention Tank For Barry Biomass</p>		
<p>Cubic Capacity = 652m3</p> <p>EN17/17652 3073/14297</p>		<p>CHK.</p>
<p>SCALE</p> <p>Various (A3)</p>	<p>DRAWING No.</p> <p>TUB/15257 - Sheet 2 of 3</p>	<p>REV.</p> <p>E</p>
<p><b>TUBOSIDER</b> UNITED KINGDOM LTD</p> <p>10 SUTTON FOLD INDUSTRIAL ESTATE OFF LANCOTS LANE, ST HELENS, MERSEYSIDE, WA9 3EX TEL: 01744 452900 FAX: 01744 452949 www.tubosider.co.uk E-MAIL: sales@tubosider.co.uk</p>		

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## EXCAVATION AND BACKFILL REQUIREMENTS Multiple Pipe Run

### Backfill & Bedding Materials Specification


Lower bedding material	6K	Natural gravel, natural sand, crushed gravel, crushed rock other than argillaceous rock, crushed concrete, well - burnt colliery spoil or any combination thereof.
Upper bedding material	6L	Natural gravel, natural sand, crushed gravel, crushed rock other than argillaceous rock, crushed concrete, well - burnt colliery spoil or any combination thereof.
Surround material	6M	Natural gravel, natural sand, crushed gravel, crushed rock other than argillaceous rock, crushed concrete, well - burnt colliery spoil or any combination thereof.



Minimum depth (X) of Lower Bedding material to be equal to Diameter (D) divided by 10.  
Therefore for 1.8m pipe, X = 180mm etc.

The above information is drawn from the design manual for roads and bridges. The materials listed below are as described in series 600 MCHW1.

Material	PERCENTAGE BY MASS PASSING THE SIZE SHOWN									
	Size (mm) BS Series					Size (um) BS Series				
	75	20	10	5	2	1.18	600	300	150	63
Lower bedding 6K		100								0-10
Upper bedding 6L			100	89 - 100	60 - 100	30 - 100	15 - 100	5 - 70	0 - 15 except 0-20 for crushed rock	
Surround 6M	100									0 - 10

<b>TITLE</b> Storm Water Retention Tank For Barry Biomass		
Cubic Capacity = 652m3 EN17/17652 3073/14297		<b>CHK.</b>
<b>SCALE</b> Various (A3)	<b>DRAWING No.</b> TUB/15257 - Sheet 3 of 3	<b>REV.</b> E
 <p><b>TUBOSIDER</b> UNITED KINGDOM LTD</p> <p>10 SUTTON FOLD INDUSTRIAL ESTATE OFF LANCOTS LANE, ST HELENS, MERSEYSIDE, WA9 3EX TEL: 01744 452900 FAX: 01744 452949 www.tubosider.co.uk E-MAIL: sales@tubosider.co.uk</p>		

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