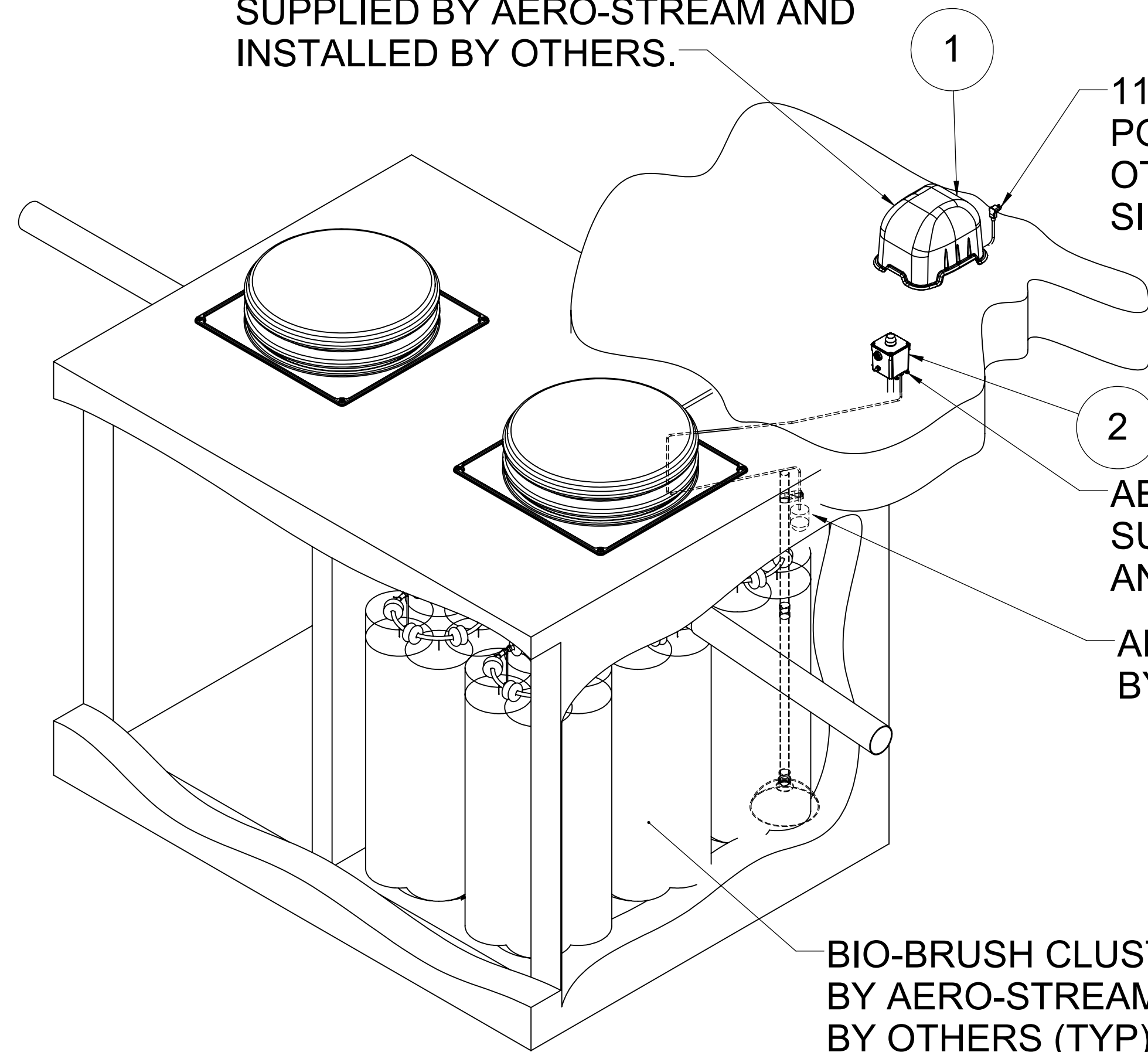


UNLESS OTHERWISE SPECIFIED

1. NOMINAL CHAMBER VOLUME: 500 GAL (RANGE: 450-650). CHAMBER VOLUME OUTSIDE OF THIS RANGE MUST BE APPROVED BY AERO-STREAM ENGINEERING.
2. LIQUID LEVEL 48 INCHES. (RANGE: 38 - 72 INCHES)
3. USE 1 DIFFUSER ASSEMBLY FOR LIQUID LEVELS OF 44 TO 72 INCHES. USE 2 LOW PROFILE DIFFUSER ASSEMBLIES FOR LIQUID LEVELS LESS THAN 44 INCHES.

AS1000 COMPRESSOR ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.



115 VAC - 15 AMP GROUNDED POWER OUTLET PROVIDED BY OTHERS WITHIN 10' OF OUTLET SIDE OF RISER COVER (TYP).

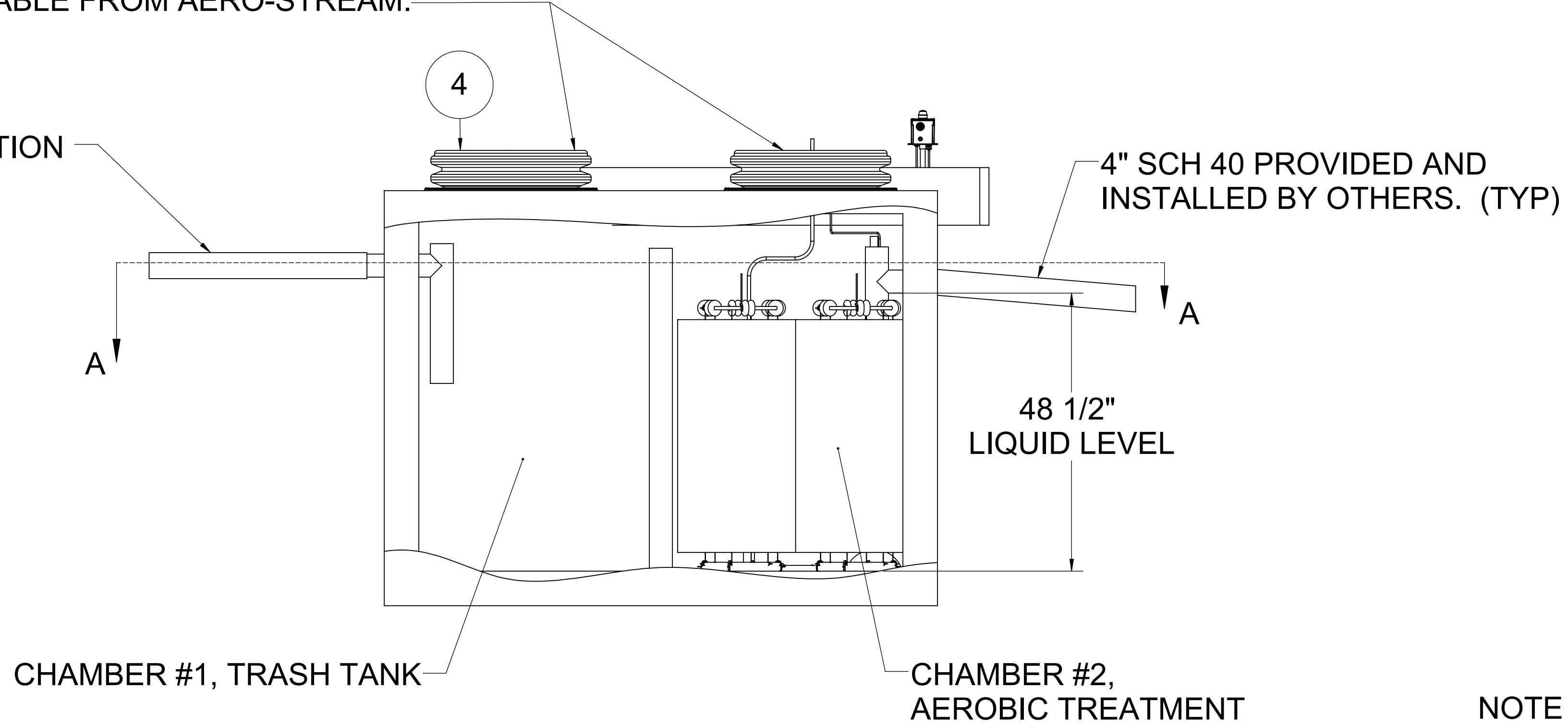
AERO-ALERT ALARM ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

AERO-ALERT FLOAT ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

BIO-BRUSH CLUSTERS SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS (TYP).

7" RISER AND COVER ASSEMBLY PROVIDED BY AERO-STREAM AND INSTALLED BY OTHERS. OPTIONAL RISERS UP TO 51" TALL AVAILABLE FROM AERO-STREAM.

4" SCH 40 CONNECTION PIPES SUPPLIED AND INSTALLED BY OTHERS.



CHAMBER #1, TRASH TANK

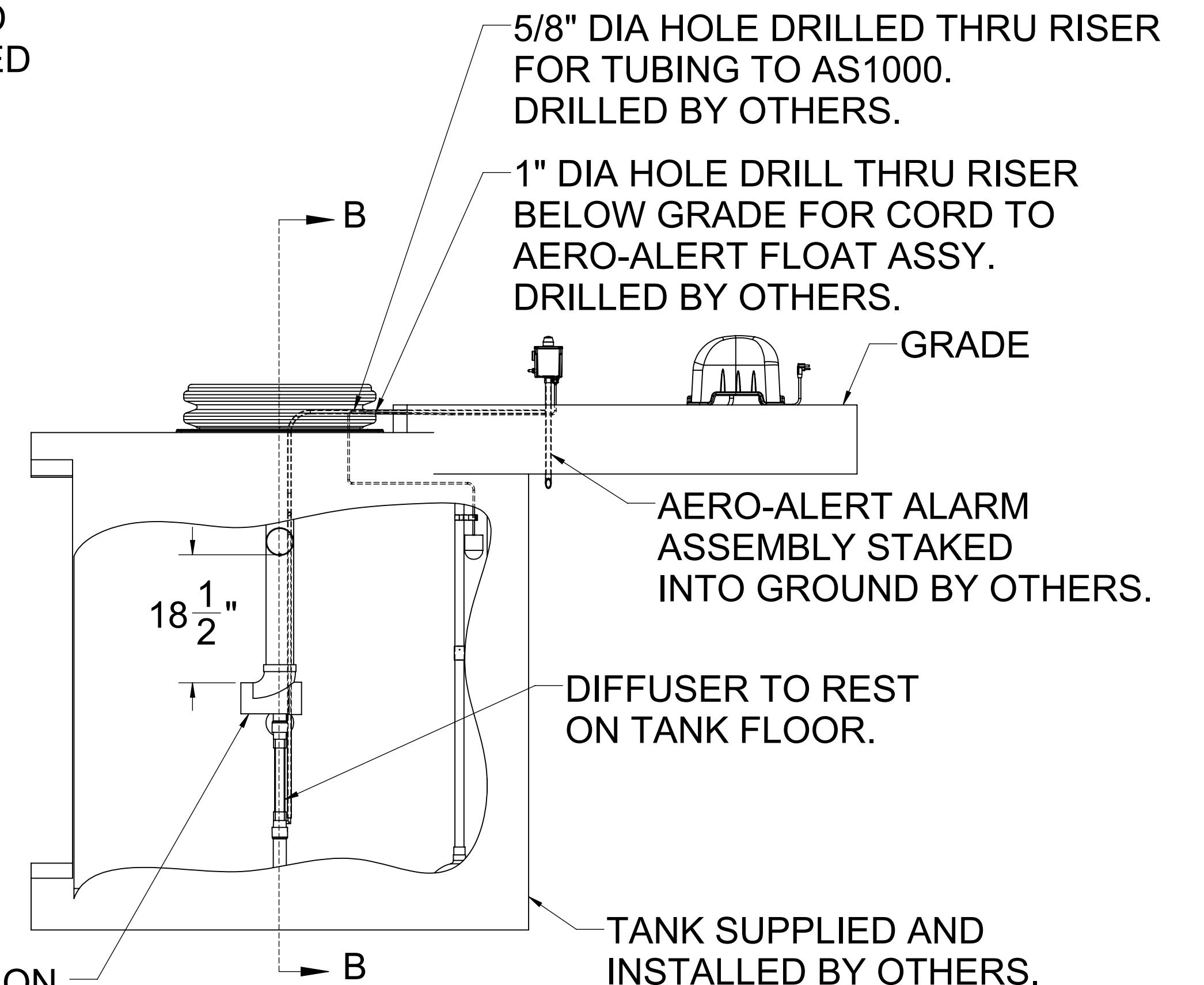
CHAMBER #2, AEROBIC TREATMENT

48 1/2" LIQUID LEVEL

4" SCH 40 PROVIDED AND INSTALLED BY OTHERS. (TYP)

5/8" DIA HOLE DRILLED THRU RISER FOR TUBING TO AS1000. DRILLED BY OTHERS.

1" DIA HOLE DRILL THRU RISER BELOW GRADE FOR CORD TO AERO-ALERT FLOAT ASSY. DRILLED BY OTHERS.



AERO-ALERT ALARM ASSEMBLY STAKED INTO GROUND BY OTHERS.

DIFFUSER TO REST ON TANK FLOOR.

TANK SUPPLIED AND INSTALLED BY OTHERS.

NOTE DIRECTION OF SWEEP

BIO-BRUSHES HIDDEN FOR CLARITY

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	102101	AS1000 Compressor	1
2	102837	Aero-Alert P & HW, 15' Kit	1
3	103022	2W x 3D BIO-BRUSH CLUSTER	1
4	102367	AS-R7 RISER KIT	2
5	102302	DIFFUSER, AERO-TUBE ASSM	1

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DESIGNED	JRS	7/5/2019	Eco-Nest AS450-2		
DRAWN	JRS	7/5/2019			
CHECKED	KKH	7/25/19			
APPROVED	KKH	7/25/19			
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: X.XX ± .01 X.XXX ± .005 ANGULAR ± 1°</small>			SIZE DWG. NO.	REV	
<small>INTERPRET GEOMETRIC TOLERANCING PER:</small>			D 102805	F	
			SCALE: 1:16 DO NOT SCALE DRAWING	SHEET 1 OF 2	

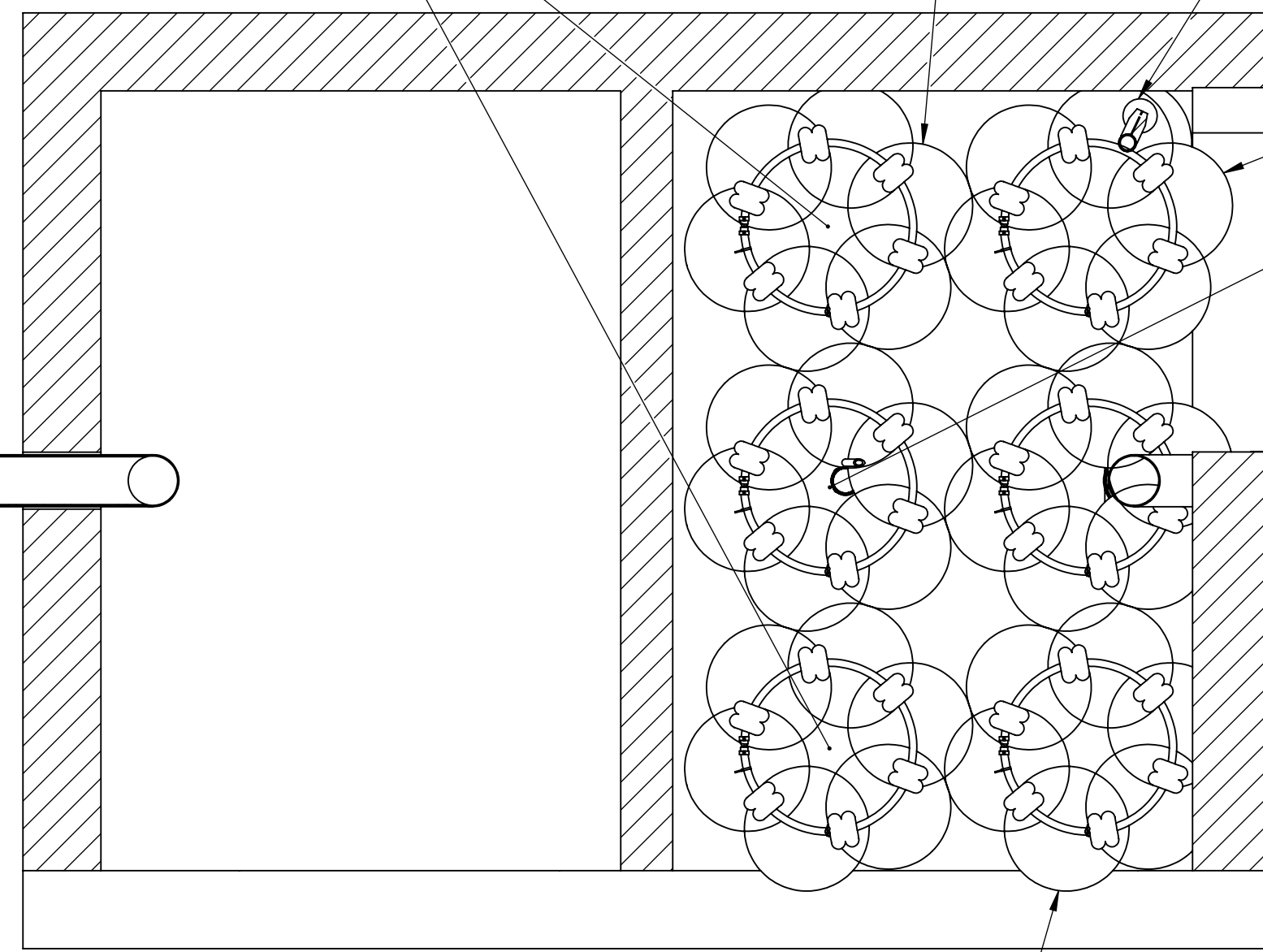
PLACE DIFFUSERS WITHIN THESE CLUSTERS AS DEFINED IN NOTE 3 WHEN 2 ARE REQUIRED.

POSITION AERO-ALERT FLOAT ASSEMBLY WITH FLOAT FACING AWAY FROM BIO-BRUSH CLUSTERS. INSTALLED BY OTHERS.

3

BIO-BRUSH ASSEMBLIES SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS. (TYP)

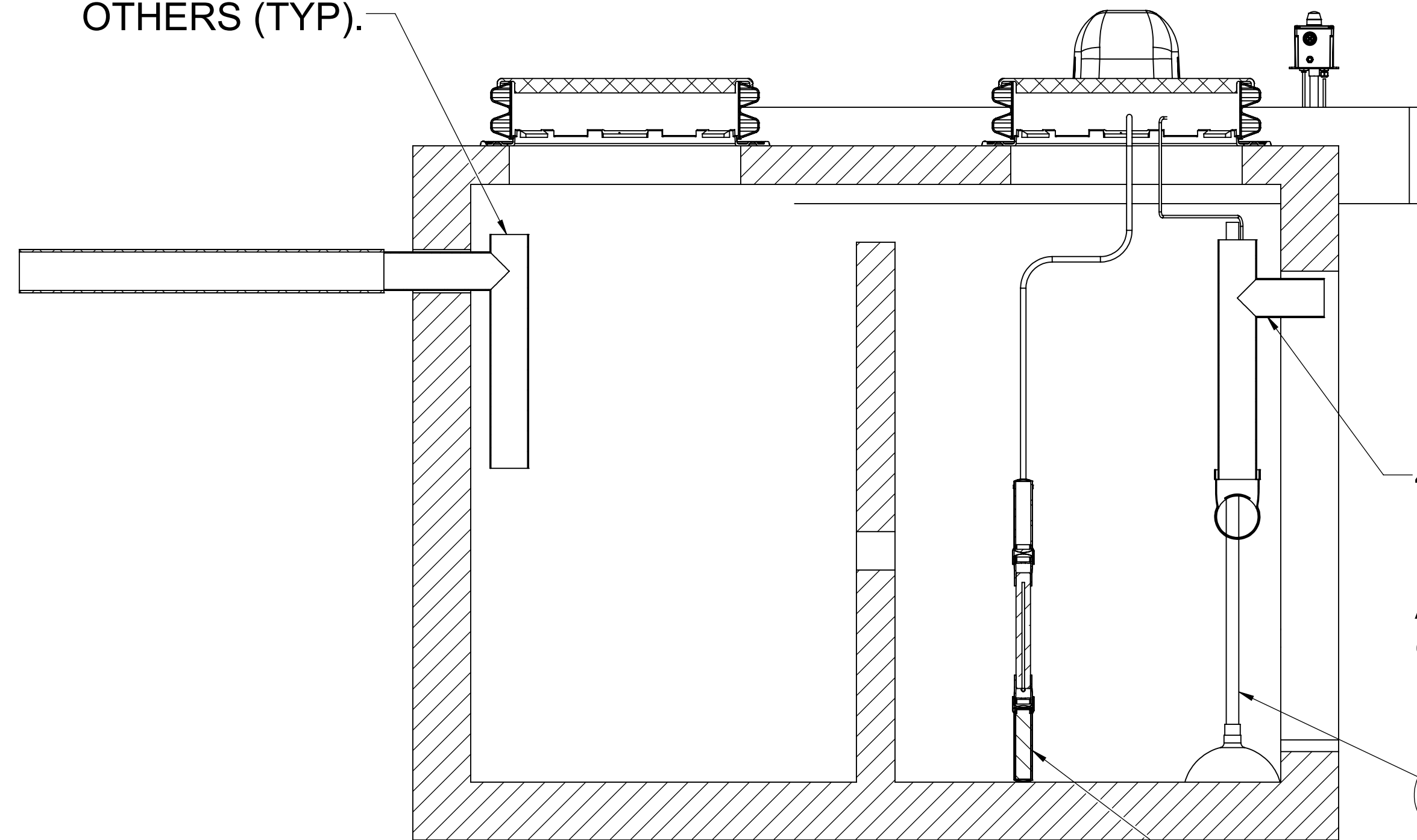
PLACE DIFFUSER WITHIN THIS CLUSTER AS DEFINED IN NOTE 3 WHEN 1 IS REQUIRED



SECTION A-A

CLUSTER CONFIGURATION MATRIX (E.G. W*D) TO BE DETERMINED BY AERO-STREAM ENGINEERING BASED ON L*W OF TANK. EXAMPLE 3*3 = 4*2 + 1*1 OR 4*5 = 6*3 + 2*1

4" SANITARY TEE INLET BAFFLE SUPPLIED AND INSTALLED BY OTHERS (TYP).



4" SANITARY TEE OUTLET BAFFLE AND OUTLET GAS DEFLECTOR TEE SUPPLIED AND INSTALLED BY OTHERS (TYP).

2

5

SECTION B-B
BIO-BRUSHES HIDDEN FOR CLARITY

PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES:
XXX ± .01
X.XXX ± .005
ANGULAR ± 1°

INTERPRET GEOMETRIC TOLERANCING PER:

CAD GENERATED DRAWING DO NOT MANUALLY UPDATE	
NAME	DATE
DESIGNED JRS	7/3/2019
DRAWN JRS	7/5/2019
CHECKED KKH	7/25/19
APPROVED KKH	7/25/19
APPROVED	

AERO-STREAM, LLC MERTON, WI 53056 262-538-4000		
Eco-Nest AS450-2		
SIZE	DWG. NO.	REV
D	102805	F
SCALE: 1:12 DO NOT SCALE DRAWING		SHEET 2 OF 2

UNLESS OTHERWISE SPECIFIED

1. NOMINAL CHAMBER VOLUME: 556 GAL (RANGE: 450-722). CHAMBER VOLUME OUTSIDE OF THIS RANGE MUST BE APPROVED BY AERO-STREAM ENGINEERING.
2. NOMINAL LIQUID LEVEL 48" (RANGE: 38" - 72").
3. USE 1 DIFFUSER ASSEMBLY FOR LIQUID LEVELS OF 44"- 72". USE 2 LOW PROFILE DIFFUSER ASSEMBLIES FOR LIQUID LEVELS LESS THAN 44".

AS1200 COMPRESSOR ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

115 VAC - 15 AMP GROUNDED POWER OUTLET PROVIDED BY OTHERS WITHIN 10' OF OUTLET SIDE OF RISER COVER (TYP).

AERO-ALERT ALARM ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

AERO-ALERT FLOAT ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

BIO-BRUSH CLUSTERS SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS (TYP)

7" RISER AND COVER ASSEMBLY PROVIDED BY AERO-STREAM AND INSTALLED BY OTHERS. OPTIONAL RISERS UP TO 51" TALL AVAILABLE FROM AERO-STREAM.

4" SCH 40 CONNECTION PIPES SUPPLIED AND INSTALLED BY OTHERS.

4" SCH 40 PROVIDED AND INSTALLED BY OTHERS. (TYP)

5/8" DIA HOLE DRILLED THRU RISER FOR TUBING TO AS1200. DRILLED BY OTHERS.

1" DIA HOLE DRILL THRU RISER BELOW GRADE FOR CORD TO AERO-ALERT FLOAT ASSY. DRILLED BY OTHERS.

AERO-ALERT ALARM ASSEMBLY STAKED INTO GROUND BY OTHERS

DIFFUSER TO REST ON TANK FLOOR.

NOTE DIRECTION OF SWEEP PER INSTALLATION GUIDE

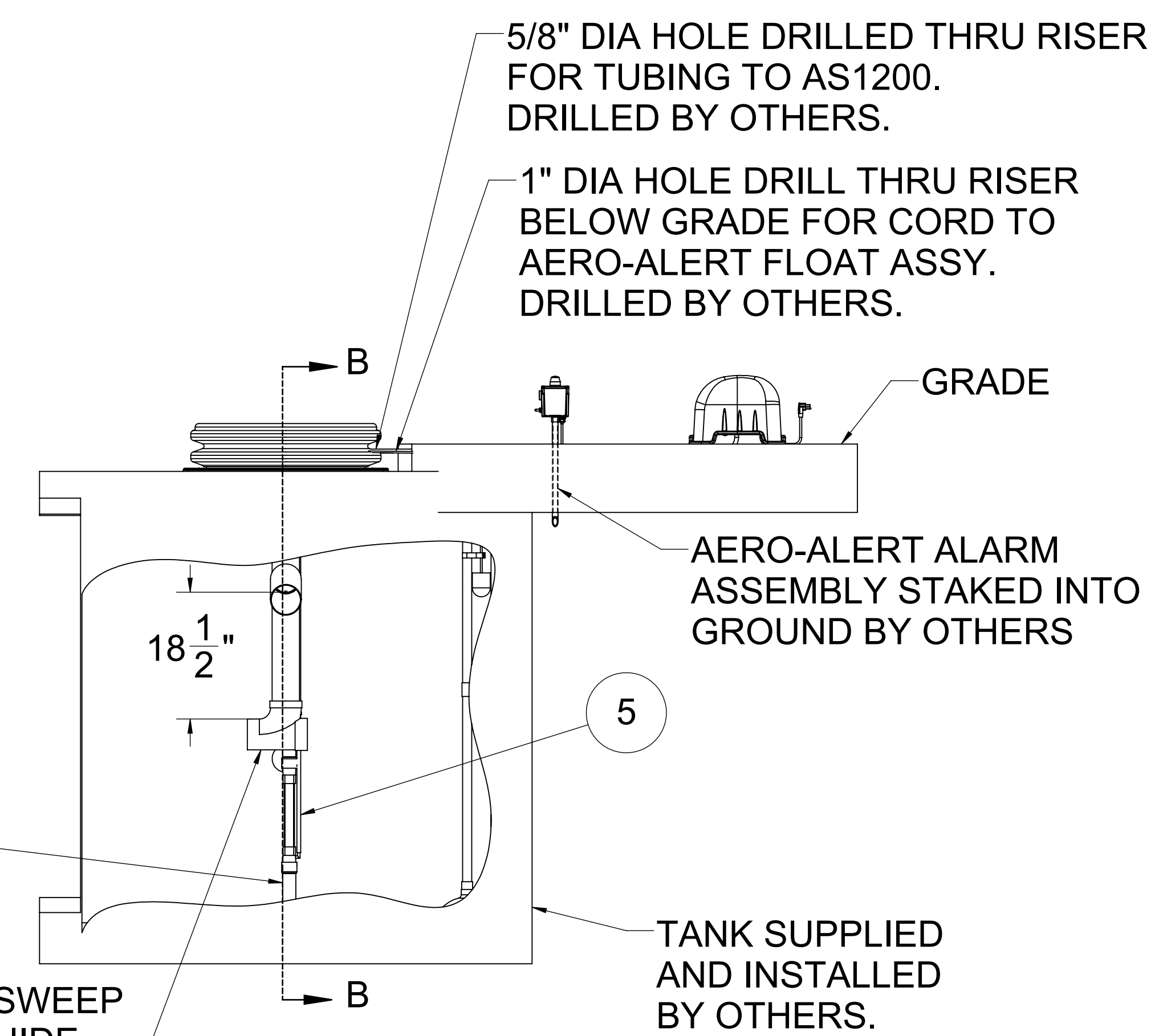
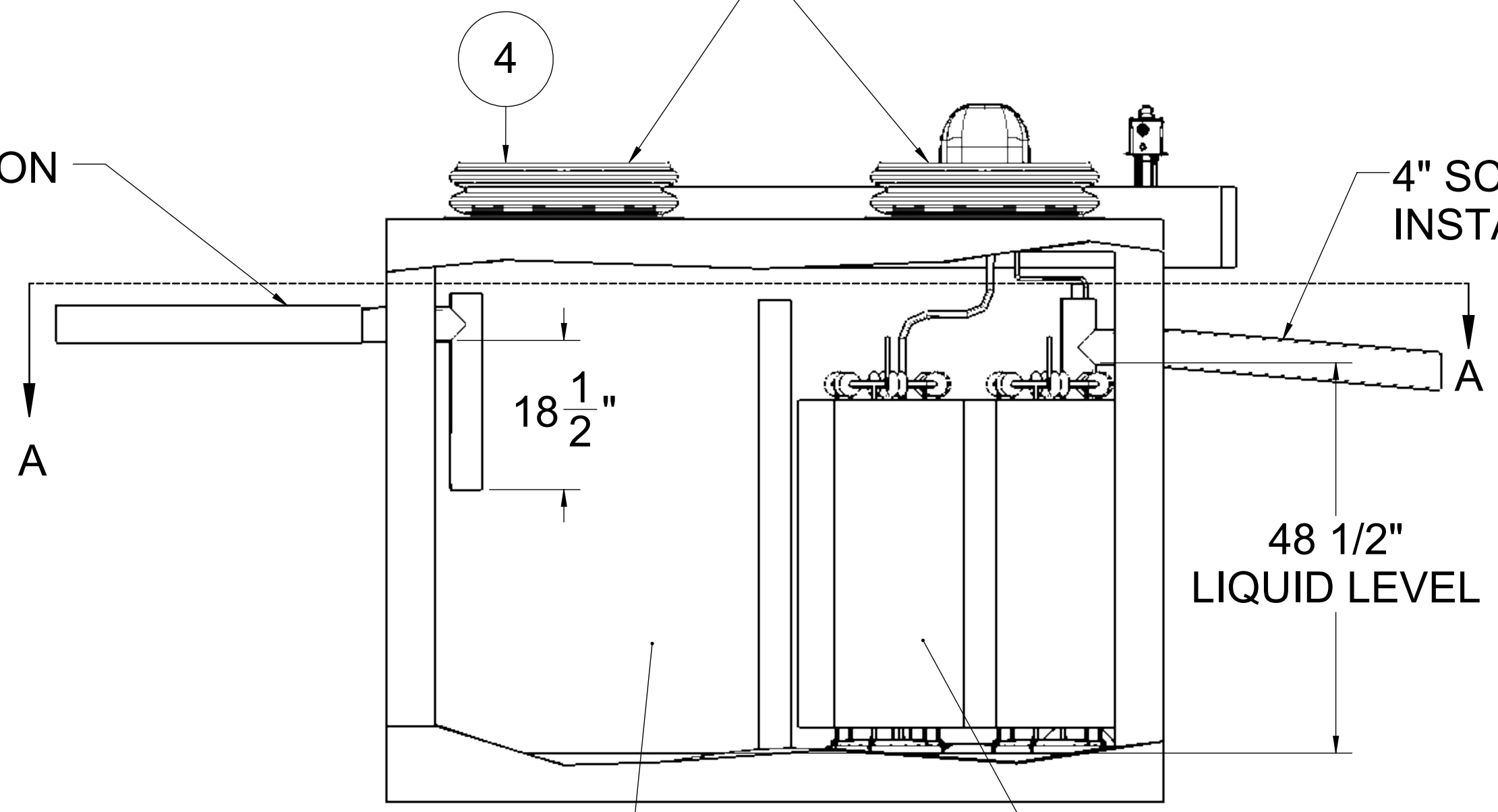
TANK SUPPLIED AND INSTALLED BY OTHERS.

BIO-BRUSHES HIDDEN FOR CLARITY

CHAMBER #1, TRASH TANK

CHAMBER #2, AEROBIC TREATMENT

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	102102	AS1200 COMPRESSOR	1
2	102837	Aero-Alert P & HW, 15' Kit	1
3	103022	2W X 3D BIO-BRUSH CLUSTER	1
4	102367	AS-R7 RISER KIT	2
5	102302	DIFFUSER, AERO-TUBE ASSM	1



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DESIGNED	JRS	6/17/21	Eco-Nest AS500-2		
DRAWN	JRS	6/17/21	SIZE	DWG. NO.	REV
CHECKED	KKH	6/17/21	D	102928	C
APPROVED	KKH	6/17/21	SCALE: 1:16	DO NOT SCALE DRAWING	SHEET 1 OF 2

PLACE DIFFUSERS WITHIN THESE CLUSTERS AS DEFINED IN NOTE 3 WHEN 2 ARE REQUIRED.

POSITION AERO-ALERT FLOAT ASSEMBLY WITH FLOAT FACING AWAY FROM BIO-BRUSH CLUSTERS. INSTALLED BY OTHERS.

BIO-BRUSH ASSEMBLIES SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS. (TYP)

PLACE DIFFUSER WITHIN THIS CLUSTER AS DEFINED IN NOTE 3 WHEN ONLY ONE IS REQUIRED.

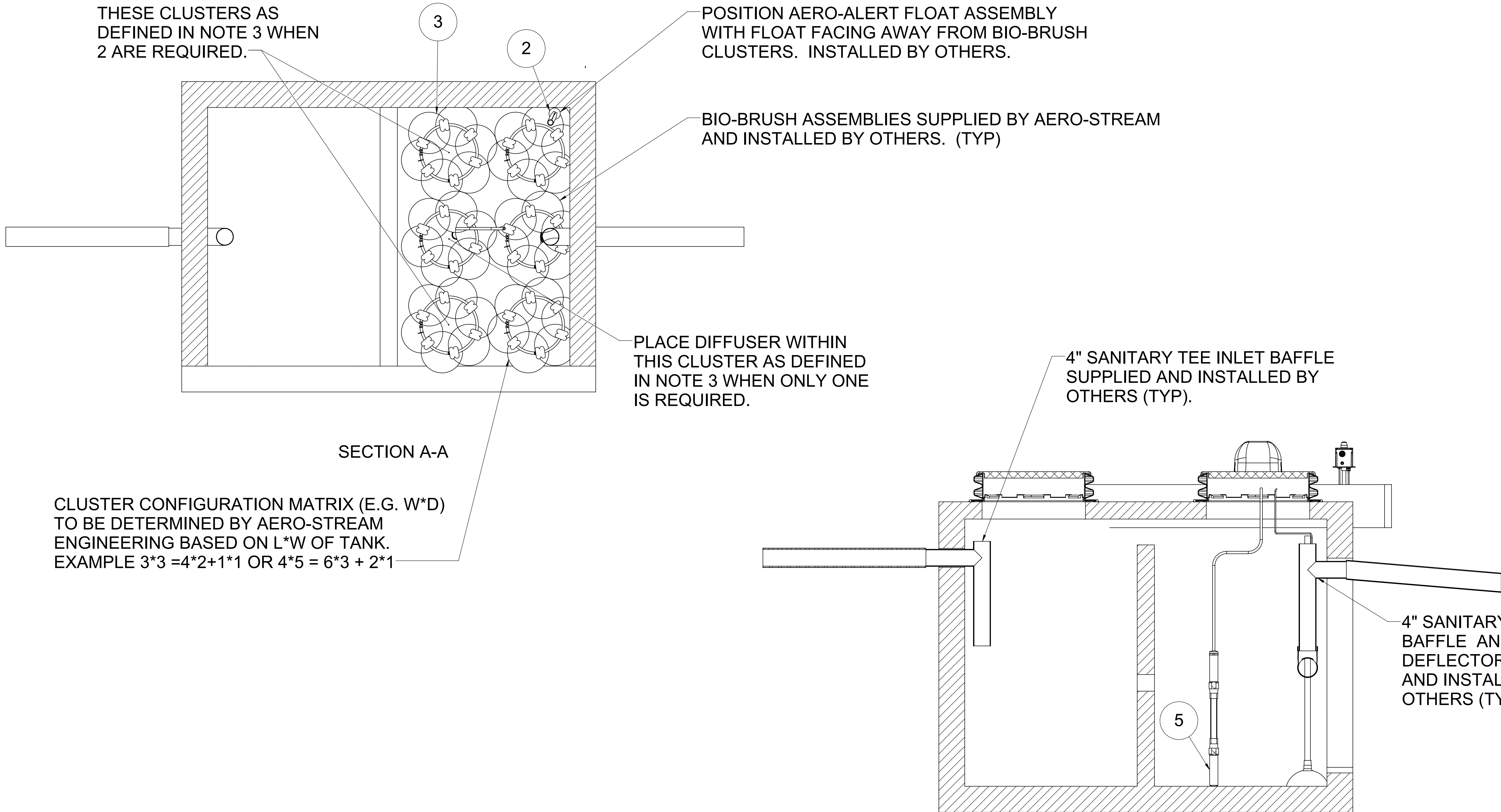
4" SANITARY TEE INLET BAFFLE SUPPLIED AND INSTALLED BY OTHERS (TYP).

4" SANITARY TEE OUTLET BAFFLE AND OUTLET GAS DEFLECTOR TEE SUPPLIED AND INSTALLED BY OTHERS (TYP).

SECTION A-A

CLUSTER CONFIGURATION MATRIX (E.G. W*D) TO BE DETERMINED BY AERO-STREAM ENGINEERING BASED ON L*W OF TANK. EXAMPLE 3*3 = 4*2+1*1 OR 4*5 = 6*3 + 2*1

SECTION B-B
BIO-BRUSHES HIDDEN FOR CLARITY

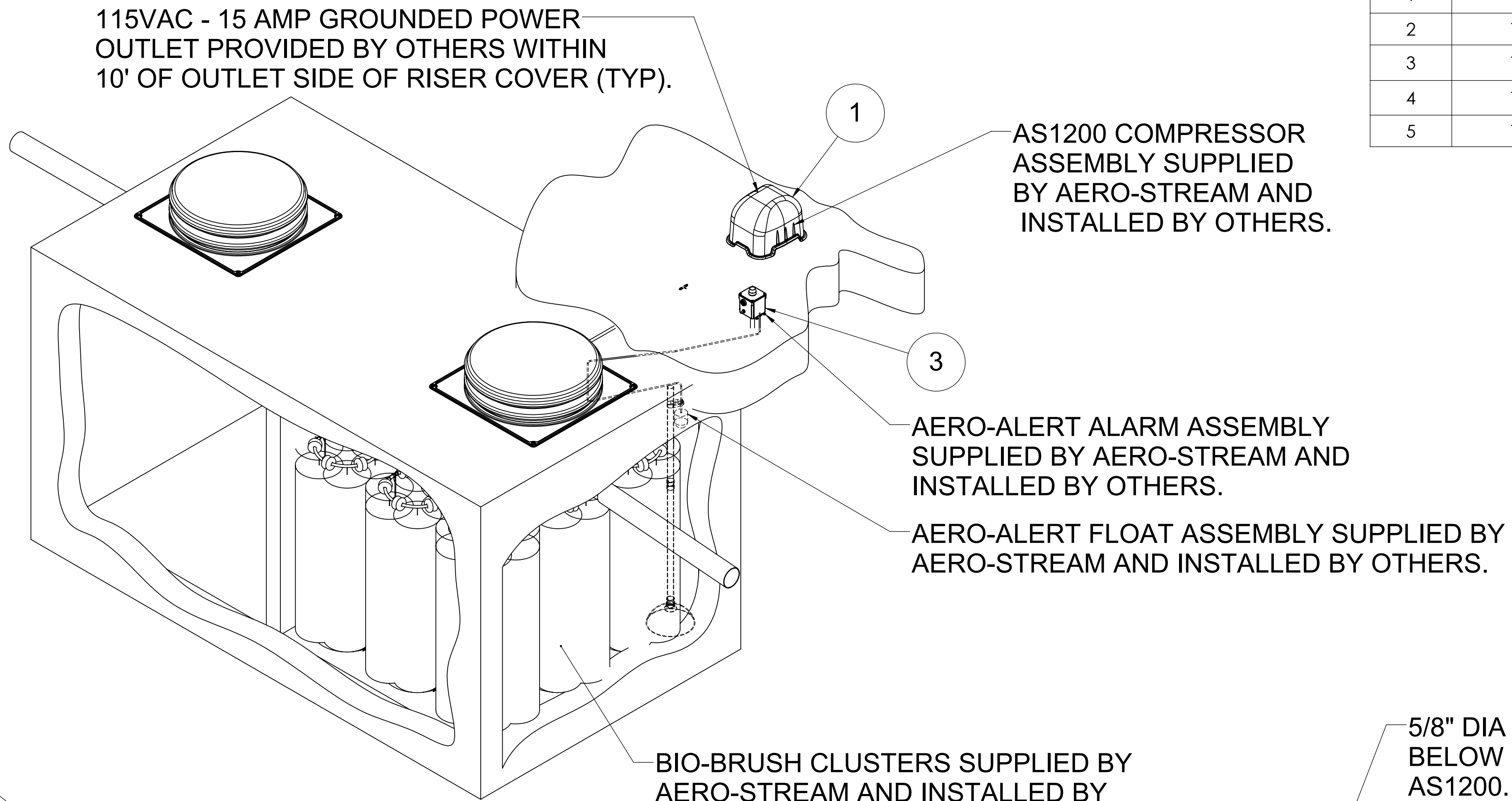


PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AERO-STREAM, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AERO-STREAM, LLC IS PROHIBITED.		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		AERO-STREAM, LLC HARTLAND, WI 53029 262-538-4600	
DESIGNED	JRS	6/17/21	NAME	DATE	Eco-Nest AS500-2
DRAWN	JRS	6/17/21	CHECKED	KKH	6/17/21
CHECKED	KKH	6/17/21	APPROVED	KKH	6/17/21
APPROVED	KKH	6/17/21	SCALE	1:12	DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: X.XX ± .01 X.XXX ± .005 ANGULAR ± 1° INTERPRET GEOMETRIC TOLERANCING PER:			SIZE	DWG. NO.	REV
			D	102928	C
			SCALE: 1:12	DO NOT SCALE DRAWING	SHEET 2 OF 2

UNLESS OTHERWISE SPECIFIED

1. NOMINAL CHAMBER VOLUME: 667 GAL (RANGE: 600 - 866). CHAMBER VOLUME OUTSIDE OF THIS RANGE MUST BE APPROVED BY AERO-STREAM ENGINEERING.
2. NOMINAL LIQUID LEVEL 48 INCHES. (RANGE: 38 - 72 INCHES)
3. USE (1) DIFFUSER ASSEMBLY FOR LIQUID LEVELS OF 44 - 72 INCHES. USE (2) LOW PROFILE DIFFUSER ASSEMBLIES FOR LIQUID LEVELS LESS THAN 44 INCHES.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	102102	AS1200 Compressor	1
2	103023	3W x 3D BIO-BRUSH	1
3	102837	Aero-Alert, P & HW, 15' Kit	1
4	102367	AS-R7 RISER KIT	2
5	102302	DIFFUSER, AERO-TUBE ASSM	1



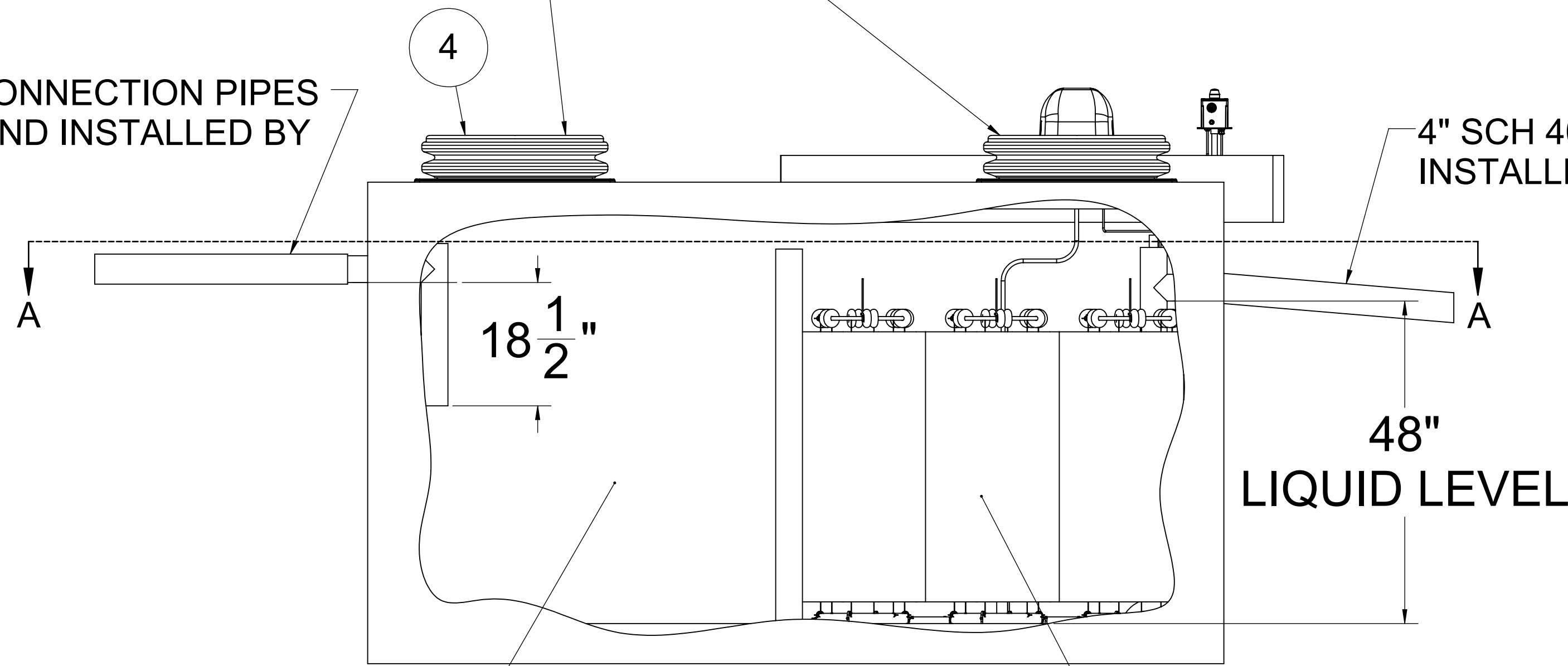
7" RISER AND COVER ASSEMBLY PROVIDED BY AERO-STREAM AND INSTALLED BY OTHERS. OPTIONAL RISERS UP TO 51" TALL AVAILABLE FROM AERO-STREAM.

4" SCH 40 CONNECTION PIPES SUPPLIED AND INSTALLED BY OTHERS.

4" SCH 40 PROVIDED AND INSTALLED BY OTHERS. (TYP)

5/8" DIA HOLE DRILLED THRU RISER BELOW GRADE FOR TUBING TO AS1200. DRILLED BY OTHERS.

1" DIA HOLE DRILLED THRU RISER BELOW GRADE FOR CORD TO AERO-ALERT FLOAT ASSY. DRILLED BY OTHERS.



DIFFUSER TO REST ON TANK FLOOR

18 1/2"

AERO-ALERT ALARM ASSEMBLY STAKED INTO GROUND BY OTHERS.

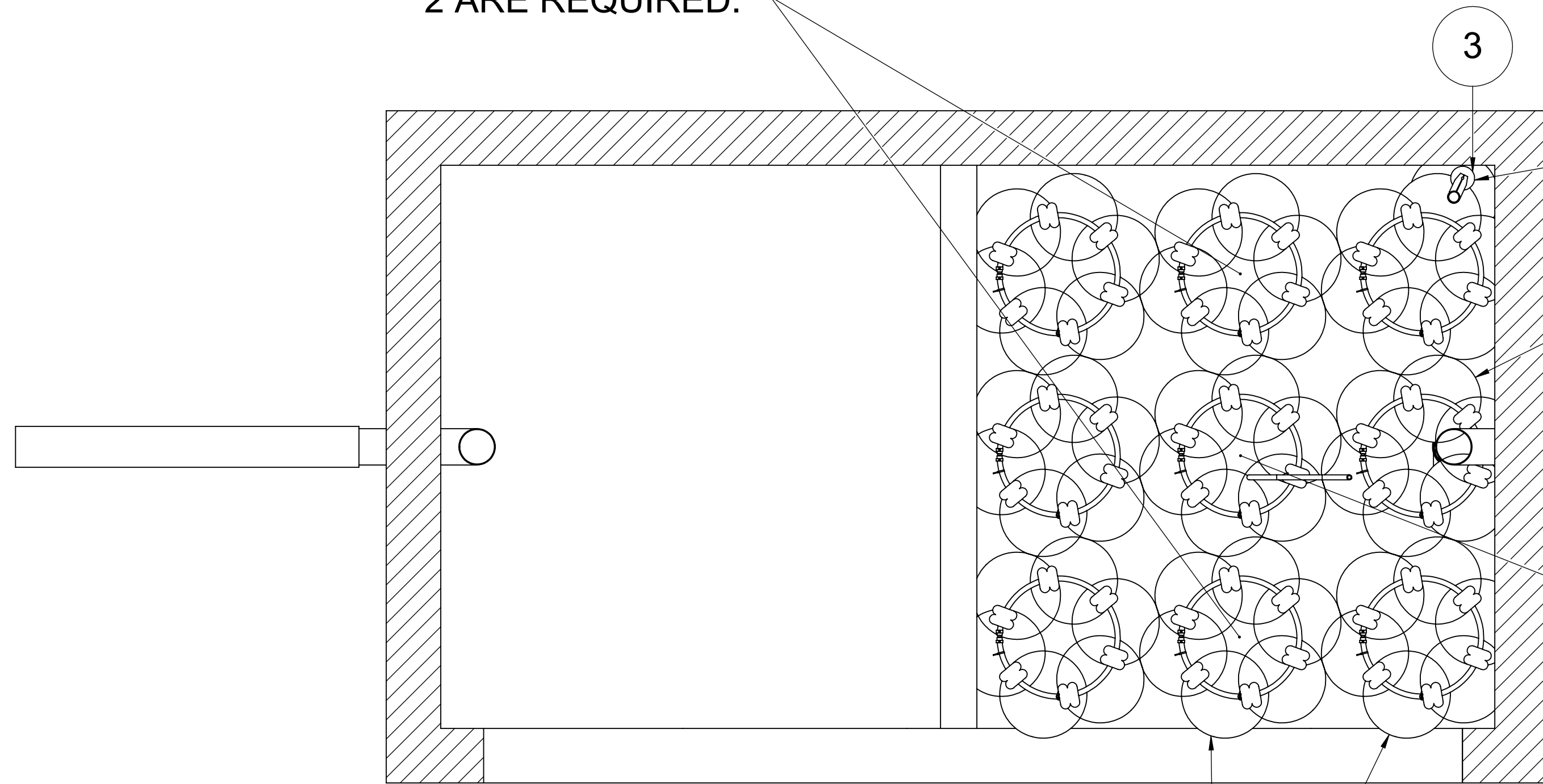
NOTE DIRECTION OF OUTLET SWEEP

TANK PROVIDED AND INSTALLED BY OTHERS.

BIO-BRUSHES HIDDEN FOR CLARITY

<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AERO-STREAM, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AERO-STREAM, LLC MANAGEMENT IS PROHIBITED.</small>		<small>CAD GENERATED DRAWING DO NOT MANUALLY UPDATE</small>		AERO-STREAM, LLC <small>HARTSHORN, WI 53037-262-538-4600</small>	
DESIGNED	JRS	8/28/19	Eco-Nest AS600-2		
DRAWN	JRS	8/28/19	SIZE	DWG. NO.	REV
CHECKED	KKH	8/28/19	D	102848	D
APPROVED	KKH	8/28/19	SCALE: 1:1	DO NOT SCALE DRAWING	SHEET 1 OF 2

PLACE DIFFUSERS WITHIN THESE CLUSTERS AS DEFINED IN NOTE 3 WHEN 2 ARE REQUIRED.



SECTION A-A

CLUSTER CONFIGURATION MATRIX (E.G. W*D) TO BE DETERMINED BY AERO-STREAM ENGINEERING BASED ON L*W OF TANK. EXAMPLE 3*3 = 4*2 + 1*1 OR 4*5 = 6*3 + 2*1

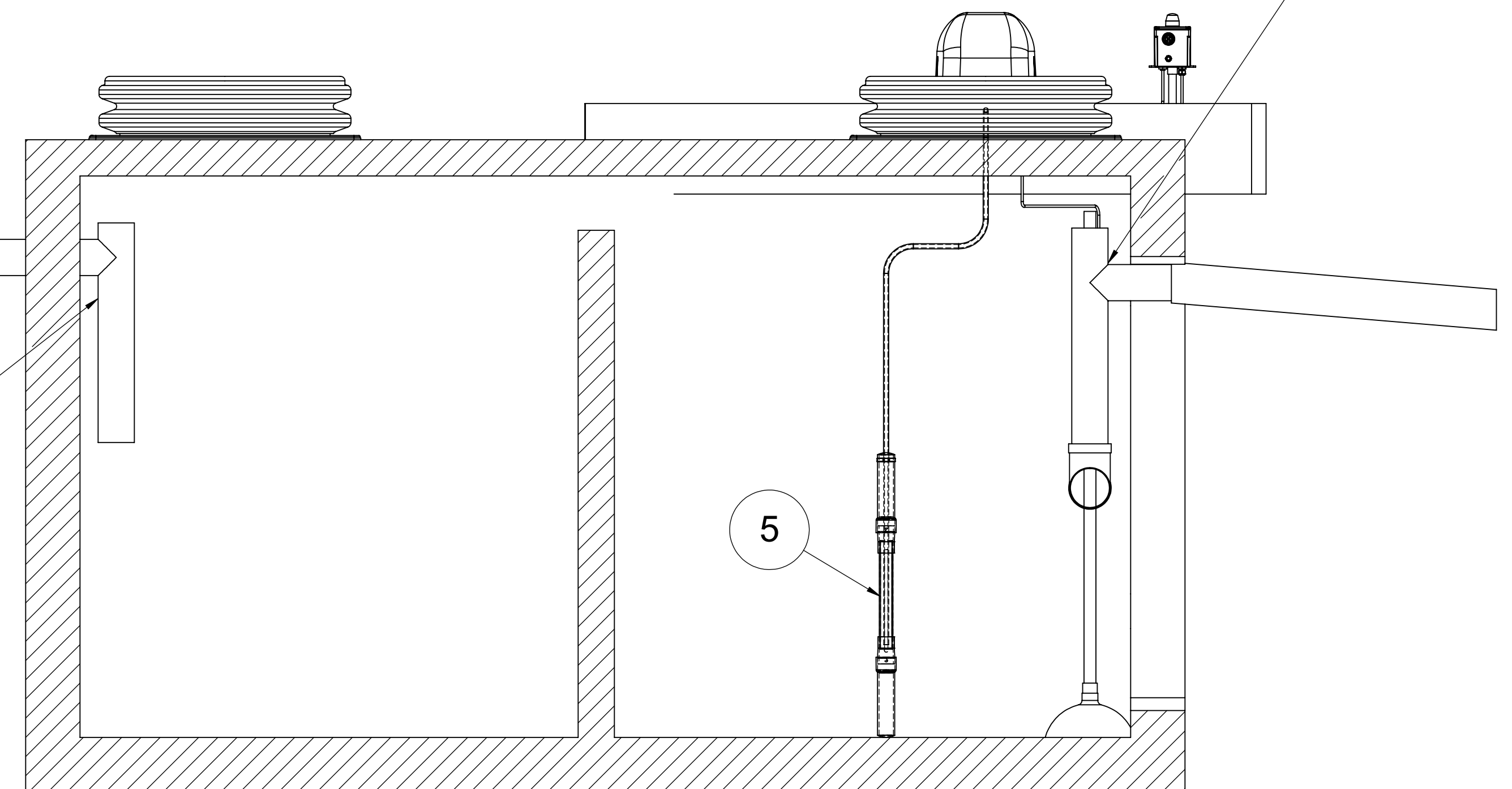
POSITION AERO-ALERT FLOAT ASSEMBLY WITH FLOAT FACING AWAY FROM BIO-BRUSH CLUSTERS. INSTALLED BY OTHERS.

BIO-BRUSH ASSEMBLIES SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS. (TYP)

PLACE DIFFUSER WITHIN THIS CLUSTER AS DEFINED IN NOTE 3 WHEN ONLY ONE IS REQUIRED.

4" SANITARY TEE OUTLET BAFFLE AND OUTLET GAS DEFLECTOR TEE SUPPLIED AND INSTALLED BY OTHERS. (TYP)

4" SANITARY TEE INLET BAFFLES SUPPLIED AND INSTALLED BY OTHERS. (TYP)



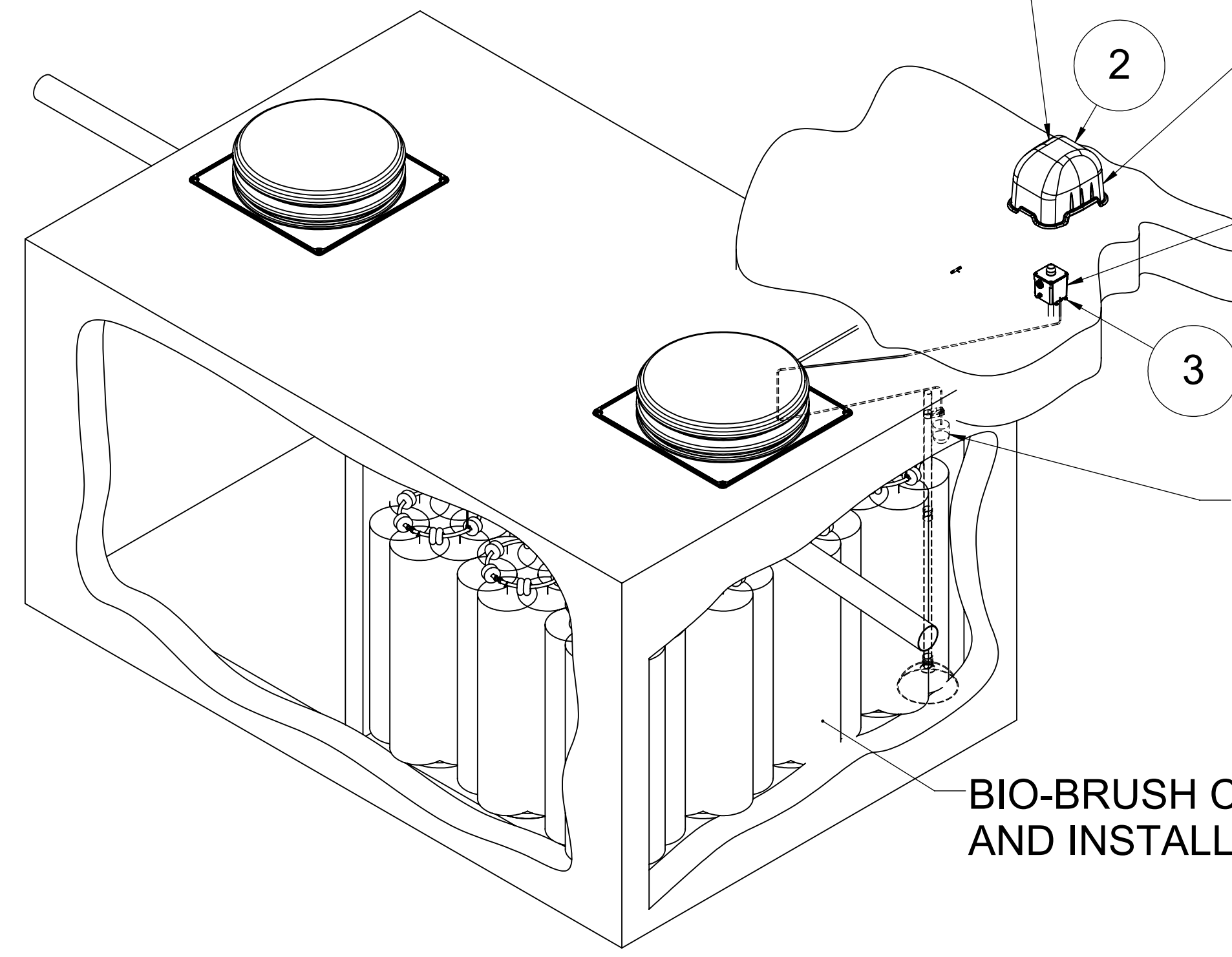
SECTION B-B
BIO-BRUSHES HIDDEN FOR CLARITY

PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AERO-STREAM, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AERO-STREAM, LLC IS PROHIBITED.		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		AERO-STREAM, LLC HARTLAND, WI 53029 262-538-4000	
DESIGNED	JRS	8/28/19	NAME	DATE	
DRAWN	JRS	8/28/19	SIZE	DWG. NO.	REV
CHECKED	KKH	8/28/19	D	102848	D
APPROVED	KKH	8/28/19	SCALE: 1:12	DO NOT SCALE DRAWING	SHEET 2 OF 2
APPROVED					

UNLESS OTHERWISE SPECIFIED

1. NOMINAL CHAMBER VOLUME: 833 GAL (RANGE: 750 - 1083). CHAMBER VOLUME OUTSIDE OF THIS RANGE MUST BE APPROVED BY AERO-STREAM ENGINEERING.
2. NOMINAL LIQUID LEVEL - 48" (RANGE: 38" - 72").
3. USE 1 DIFFUSER ASSEMBLIES FOR LIQUID LEVELS OF 44" TO 72". USE 2 LOW PROFILE DIFFUSER ASSEMBLIES FOR LIQUID LEVELS OF LESS THAN 44".

115VAC - 15 AMP GROUNDED POWER OUTLET PROVIDED BY OTHERS WITHIN 10' OF OUTLET SIDE OF RISER COVER (TYP).



AS1200 COMPRESSOR ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

AERO-ALERT ALARM ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

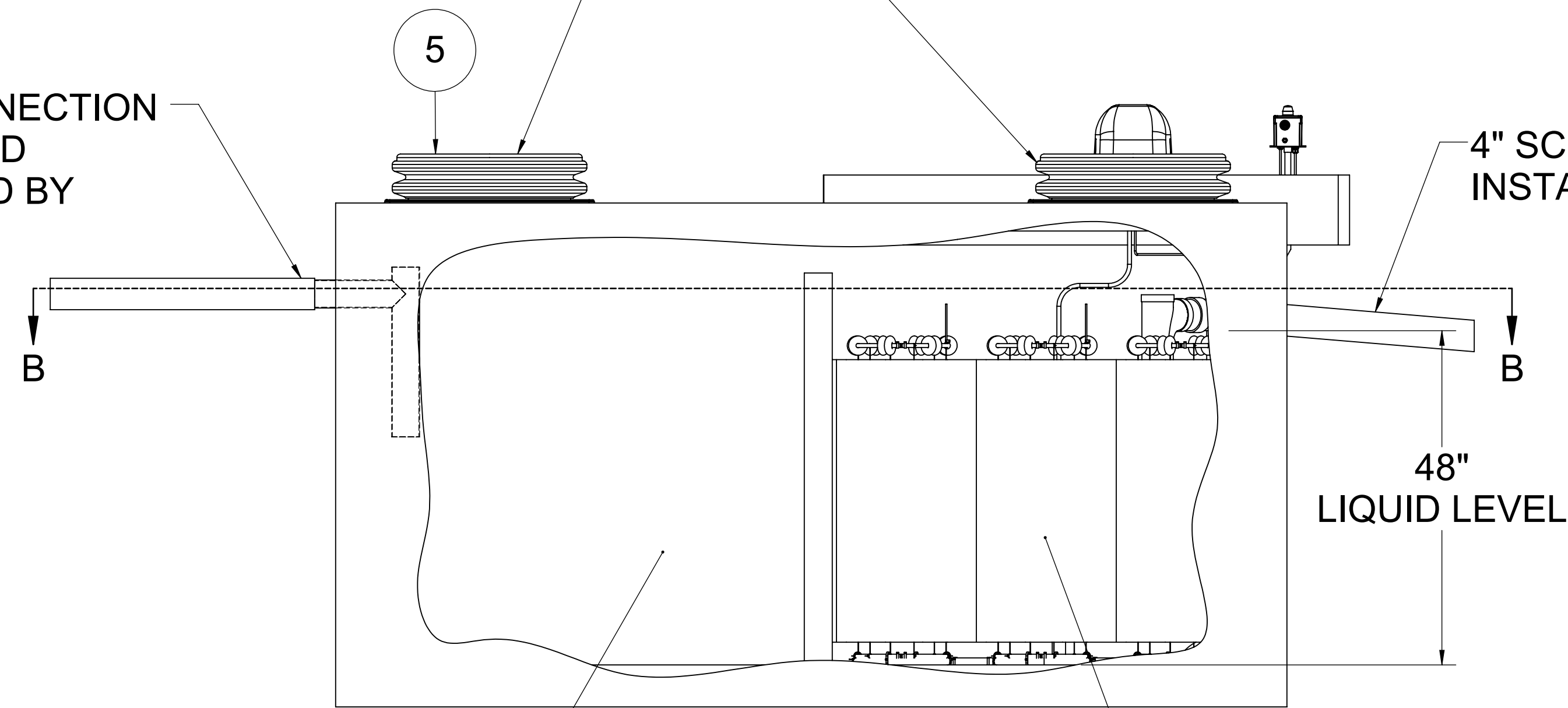
AERO-ALERT FLOAT ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

BIO-BRUSH CLUSTERS SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS (TYP).

ITEM NO.	PART NO.	DESCRIPTION	QTY.
2	102102	AS1200 COMPRESSOR	1
3	102837	Aero-Alert, HW & P, 15' Kit	1
4	103025	3W x 4D BIO-BRUSH CLUSTER	1
5	102367	AS-R7 RISER KIT	2
7	102302	DIFFUSER, AERO-TUBE ASSM	1

7" RISER AND COVER ASSEMBLY PROVIDED BY AERO-STREAM AND INSTALLED BY OTHERS. OPTIONAL RISERS UP TO 51" TALL AVAILABLE FROM AERO-STREAM.

4" SCH 40 CONNECTION PIPES SUPPLIED AND INSTALLED BY OTHERS.



CHAMBER #1, TRASH TANK

CHAMBER #2, AEROBIC TREATMENT

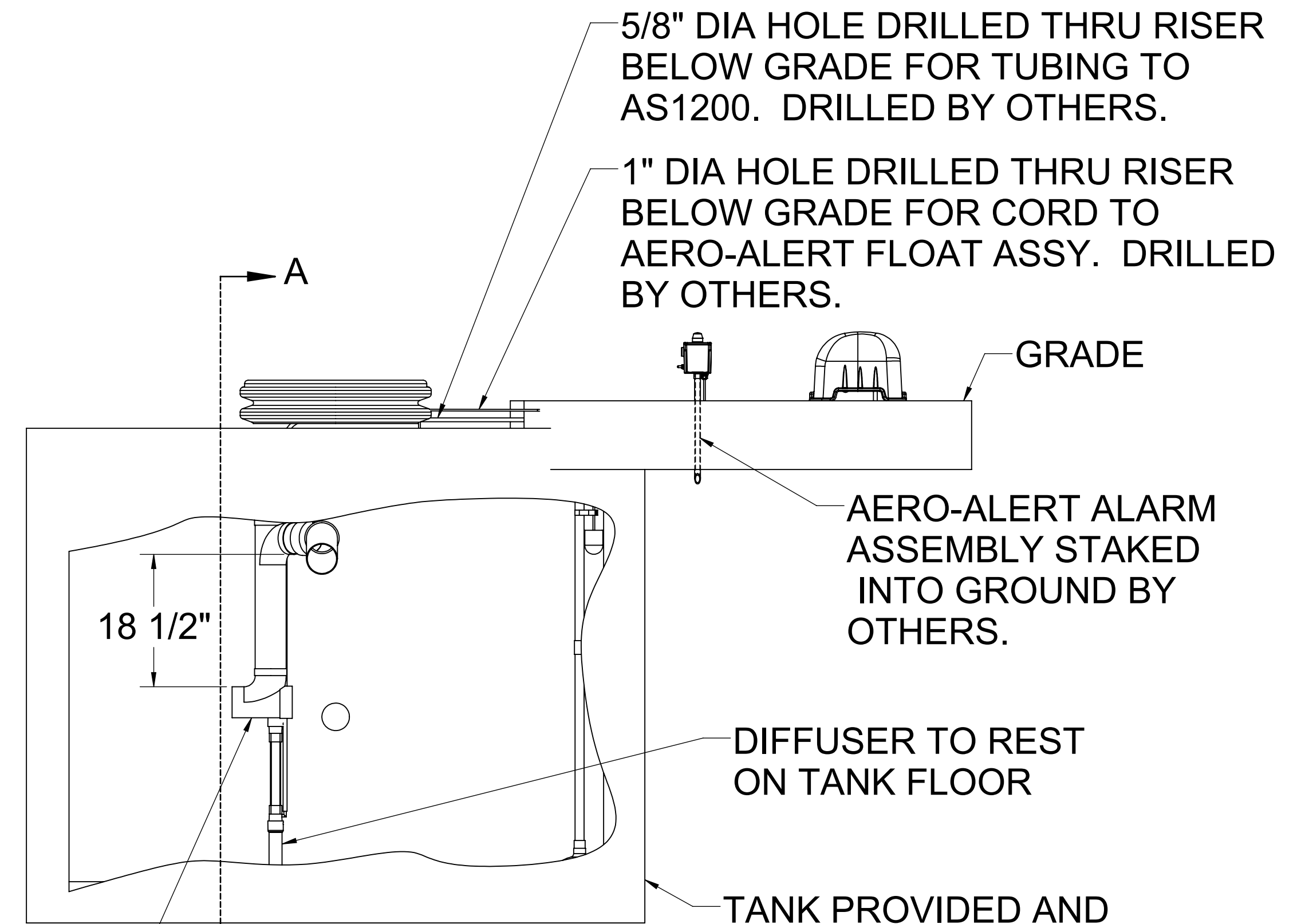
4" SCH 40 PROVIDED AND INSTALLED BY OTHERS. (TYP)

48" LIQUID LEVEL

NOTE DIRECTION OF SWEEP

5/8" DIA HOLE DRILLED THRU RISER BELOW GRADE FOR TUBING TO AS1200. DRILLED BY OTHERS.

1" DIA HOLE DRILLED THRU RISER BELOW GRADE FOR CORD TO AERO-ALERT FLOAT ASSY. DRILLED BY OTHERS.



AERO-ALERT ALARM ASSEMBLY STAKED INTO GROUND BY OTHERS.

DIFFUSER TO REST ON TANK FLOOR

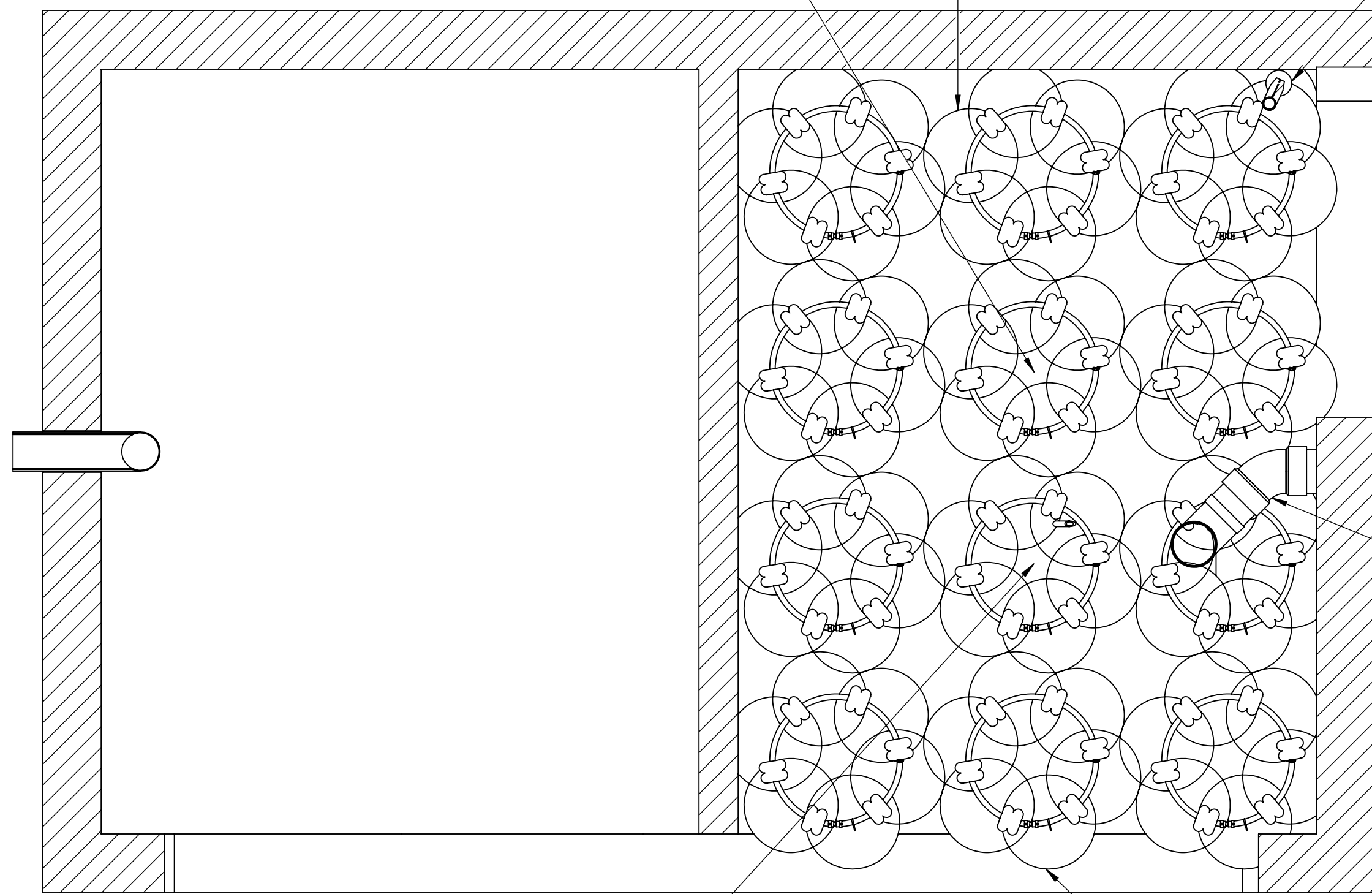
TANK PROVIDED AND INSTALLED BY OTHERS.

BIO-BRUSHES HIDDEN FOR CLARITY

<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AERO-STREAM, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AERO-STREAM, LLC MANAGEMENT IS PROHIBITED.</small>		<small>CAD GENERATED DRAWING DO NOT MANUALLY EDIT</small>		AERO-STREAM, LLC <small>MERTON, WI 53055 262-538-4000</small>	
DESIGNED	JRS	8/27/19	Eco-Nest AS750-2		
DRAWN	JRS	8/27/19			
CHECKED	KKH	8/27/19			
APPROVED	KKH	8/27/19			
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: XXX ± .01 XXX ± .005 ANGULAR ± 1°</small>			SIZE DWG. NO. D 102854	REV E	
<small>INTERPRET GEOMETRIC TOLERANCING PER:</small>			SCALE: 1:16 DO NOT SCALE DRAWING	SHEET 1 OF 2	

PLACE 2ND DIFFUSER WITHIN THIS CLUSTERS AS DEFINED IN NOTE 3.

POSITION AERO-ALERT FLOAT ASSEMBLY WITH FLOAT FACING AWAY FROM BIO-BRUSH CLUSTERS. INSTALLED BY OTHERS.



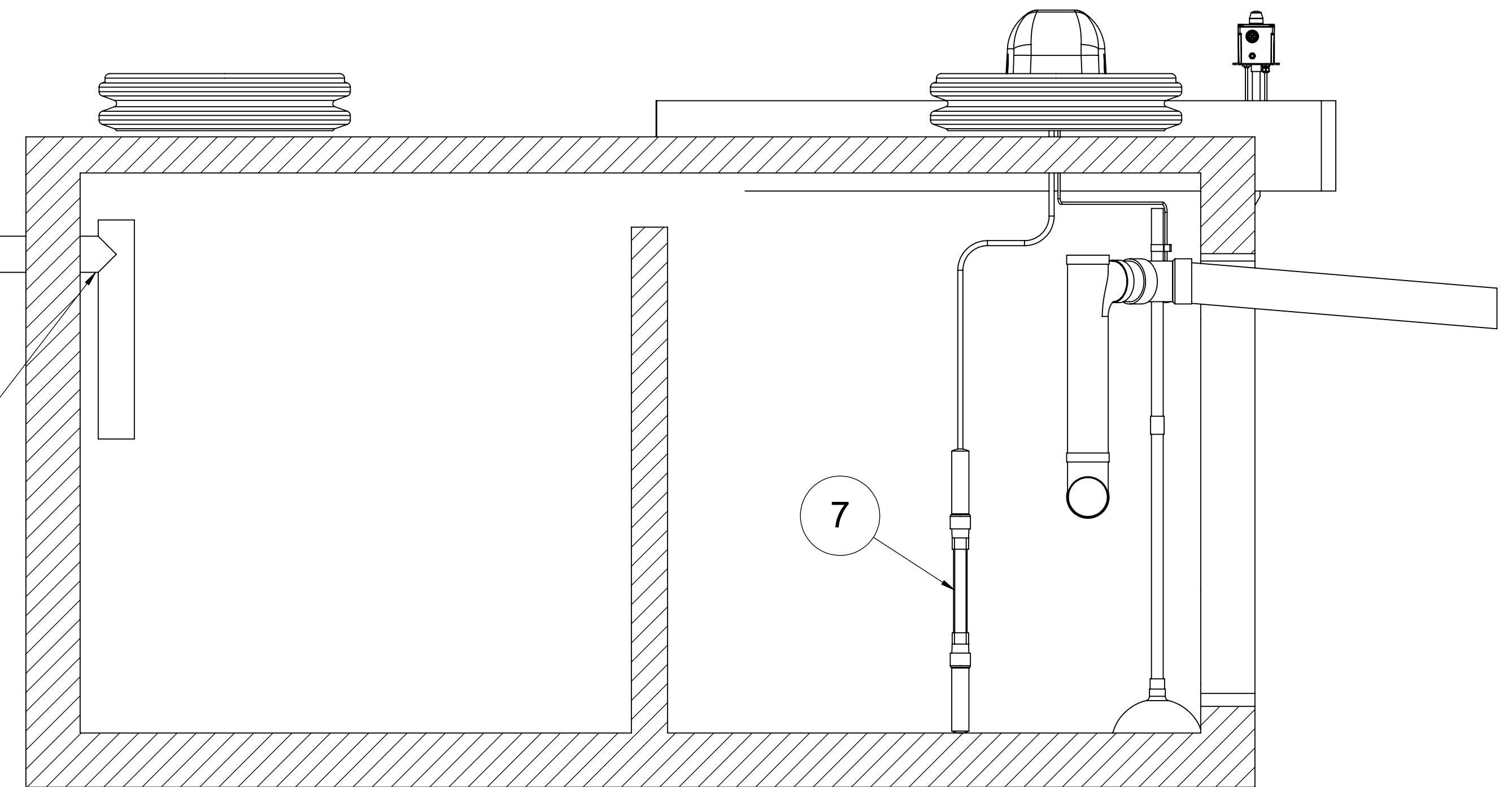
OFFSET 4" SANITARY TEE OUTLET Baffle AND OUTLET GAS DEFLECTOR TEE SUPPLIED AND INSTALLED BY OTHERS. (TYP)

PLACE DIFFUSER WITHIN THIS CLUSTERS AS DEFINED IN NOTE 3.

CLUSTER CONFIGURATION MATRIX (E.G. W*D) TO BE DETERMINED BY AERO-STREAM ENGINEERING BASED ON L*W OF TANK. EXAMPLE 3*3 = 4*2 + 1*1 OR 4*5 = 6*3 + 2*1

SECTION B-B

4" SANITARY TEE INLET Baffles SUPPLIED AND INSTALLED BY OTHERS. (TYP)



SECTION A-A
BIO-BRUSHES HIDDEN FOR CLARITY

PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES:
XXX ± .01
X.XXX ± .005
ANGULAR ± 1°

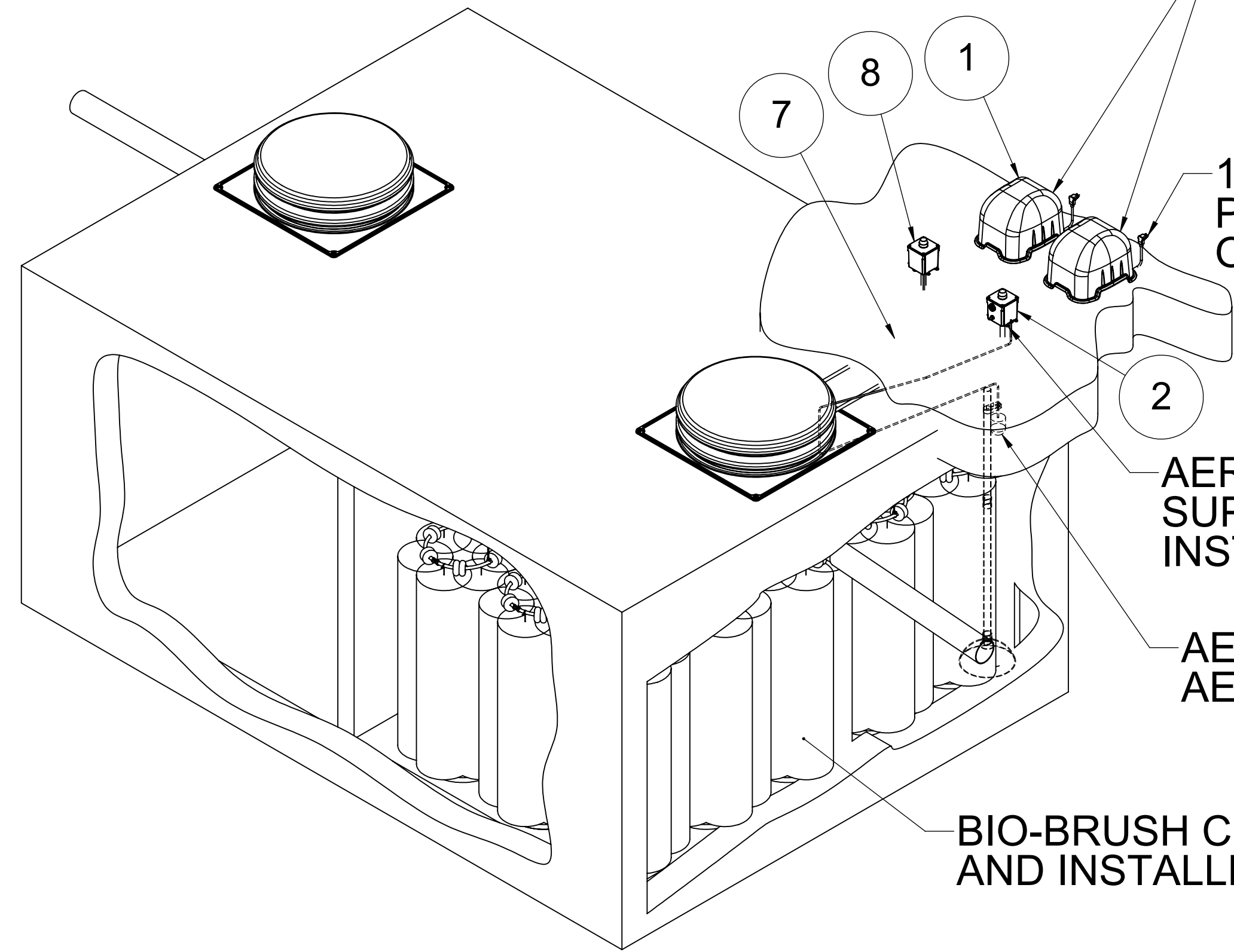
INTERPRET GEOMETRIC TOLERANCING PER:

CAD GENERATED DRAWING DO NOT MANUALLY EDIT	
NAME	DATE
DESIGNED	JRS 8/27/19
DRAWN	JRS 8/27/19
CHECKED	KKH 8/27/19
APPROVED	KKH 8/27/19
APPROVED	

AERO-STREAM, LLC MERTON, WI 53056 262-538-4000		
Eco-Nest AS750-2		
SIZE	DWG. NO.	REV
D	102854	E
SCALE: 1:12 DO NOT SCALE DRAWING SHEET 2 OF 2		

UNLESS OTHERWISE SPECIFIED

1. NOMINAL CHAMBER VOLUME: 1111 GAL (RANGE: 875 - 1444). CHAMBER VOLUME OUTSIDE OF THIS RANGE MUST BE APPROVED BY AERO-STREAM ENGINEERING.
2. NOMINAL LIQUID LEVEL - 48" (RANGE: 38" - 72").
3. USE 2 DIFFUSER ASSEMBLIES FOR LIQUID LEVELS OF 44" TO 72". USE 3 LOW PROFILE DIFFUSER ASSEMBLIES FOR LIQUID LEVELS OF LESS THAN 44".



AS1200 COMPRESSOR ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

120VAC - 15 AMP GROUNDED POWER OUTLET PROVIDED BY OTHERS WITHIN 10 FEET OF OUTLETSIDE OF RISER COVER (TYP).

AERO-ALERT ALARM ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

AERO-ALERT FLOAT ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

BIO-BRUSH CLUSTERS SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS (TYP).

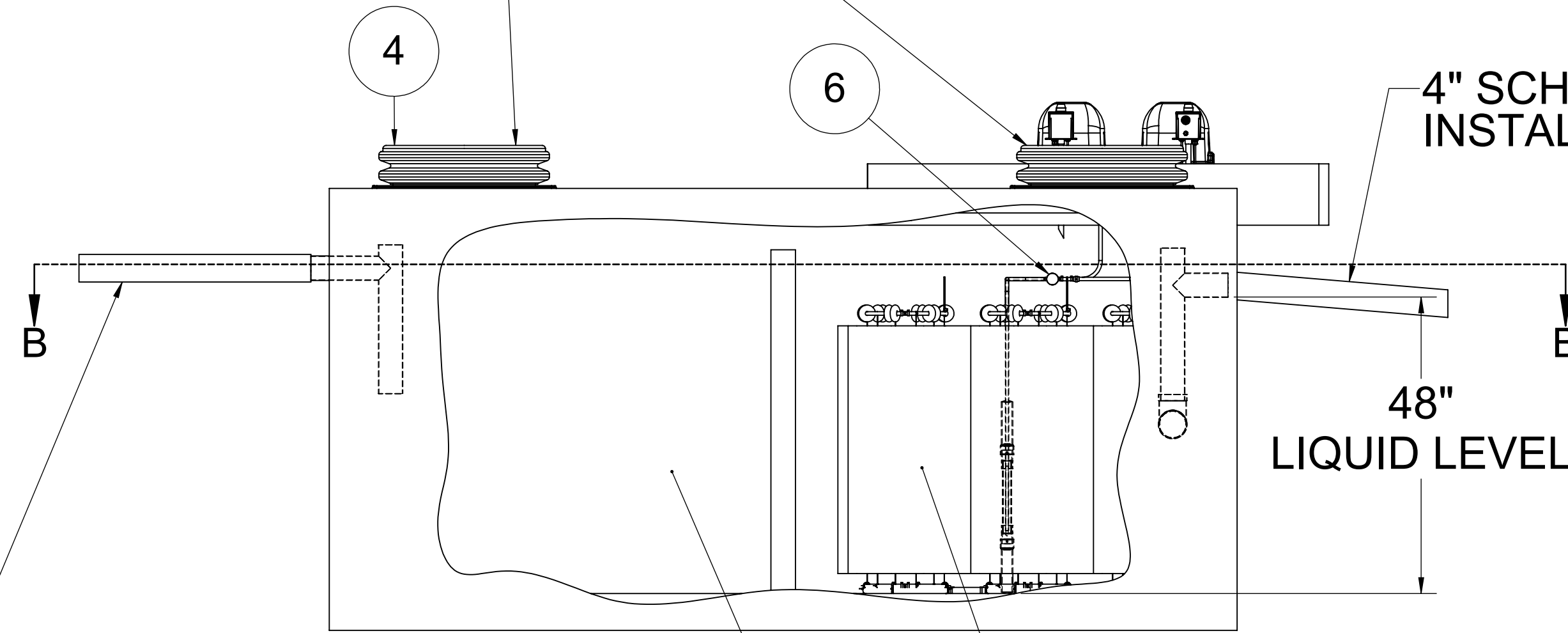
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	102102	AS1200 COMPRESSOR	2
2	102837	Aero-Alert, HW & P, 15' Kit	1
3	103024	3W x 5D BIO-BRUSH CLUSTER	1
4	102367	AS-R7 RISER KIT	2
5	102302	DIFFUSER, AERO-TUBE ASSM	2
6	102954	MANIFOLD ASSM, 2 x 2	1
7	100275	TUBING, VINYL	1
8	102945	AERO-ALERT, P ALARM	1

7" RISER AND COVER ASSEMBLY PROVIDED BY AERO-STREAM AND INSTALLED BY OTHERS. OPTIONAL RISERS UP TO 51" TALL AVAILABLE FROM AERO-STREAM.

TUBING LENGTH BETWEEN DIFFUSER AND TEE ON DOUBLE DIFFUSER SYSTEM MUST BE EQUAL IN LENGTH.

5/8" DIA HOLE DRILLED THRU RISER BELOW GRADE FOR TUBING TO AS1200. DRILLED BY OTHERS.

1" DIA HOLE DRILLED THRU RISER BELOW GRADE FOR CORD TO AERO-ALERT FLOAT ASSY. DRILLED BY OTHERS.



4" SCH 40 PROVIDED AND INSTALLED BY OTHERS. (TYP)

48" LIQUID LEVEL

4" SCH 40 CONNECTION PIPES SUPPLIED AND INSTALLED BY OTHERS.

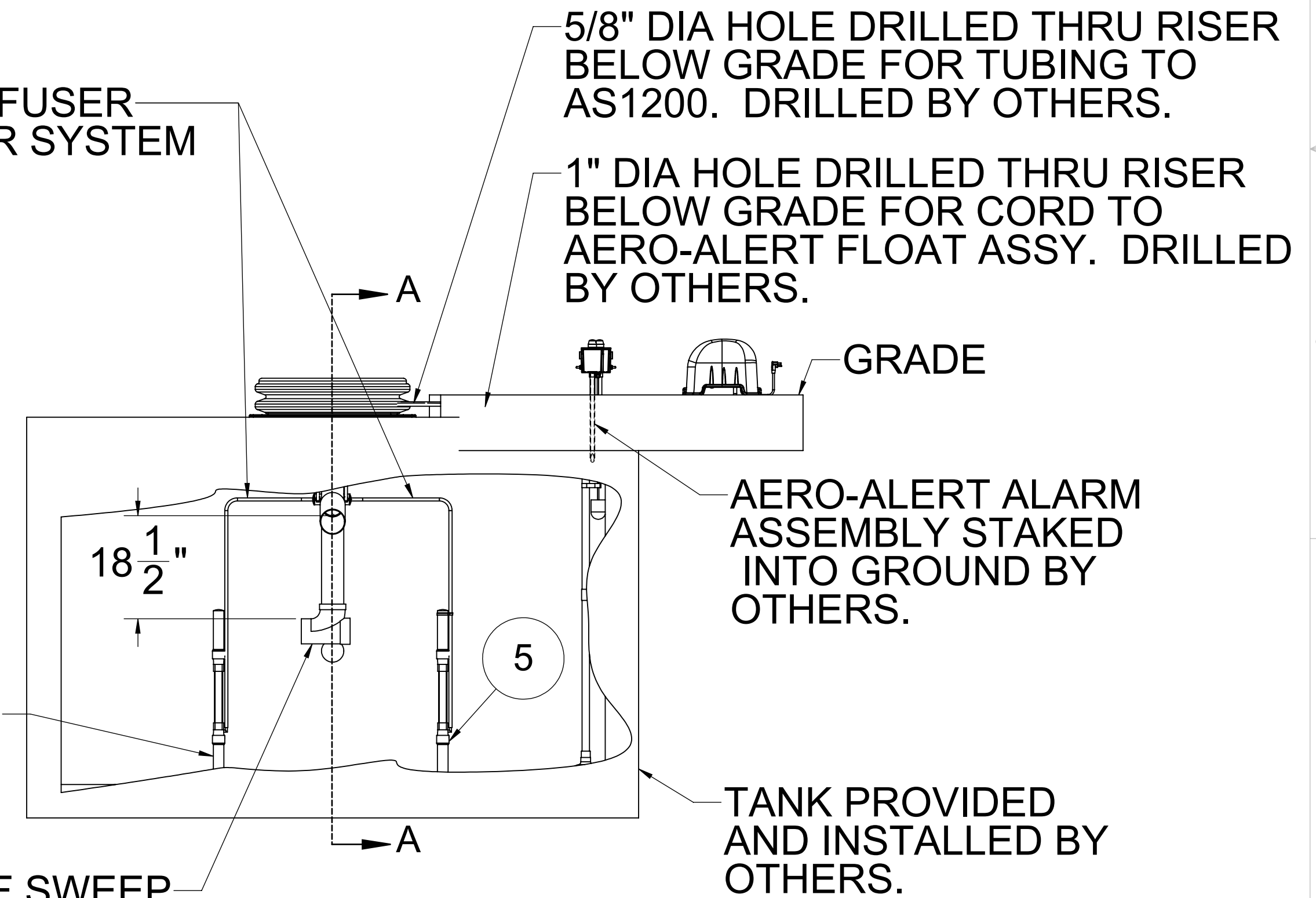
CHAMBER #2, AEROBIC TREATMENT

CHAMBER #1, TRASH TANK

DIFFUSERS TO REST ON TANK FLOOR

NOTE DIRECTION OF SWEEP

BIO-BRUSHES HIDDEN FOR CLARITY



AERO-ALERT ALARM ASSEMBLY STAKED INTO GROUND BY OTHERS.

TANK PROVIDED AND INSTALLED BY OTHERS.

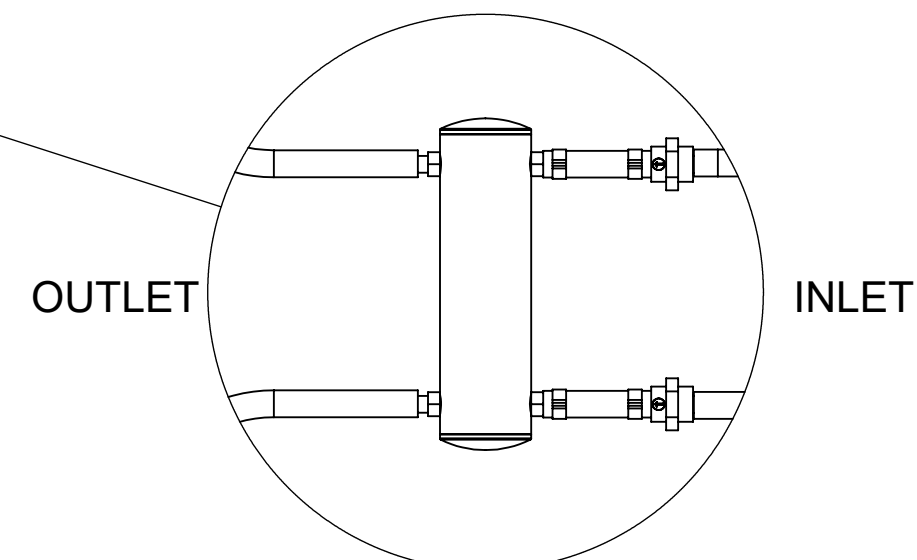
<small>PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AERO-STREAM, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AERO-STREAM, LLC MANAGEMENT IS PROHIBITED.</small>		<small>CAD GENERATED DRAWING DO NOT MANUALLY EDIT</small>		AERO-STREAM, LLC <small>MERTON, WI 53056 262-538-4000</small>	
		DESIGNED	JRS	8/28/19	Eco-Nest AS1000-2
DRAWN	JRS	8/28/19	SIZE	DWG. NO.	REV
CHECKED	KKH	8/28/19	D	102860	E
APPROVED	KKH	8/28/19	SCALE: 1:20 DO NOT SCALE DRAWING		SHEET 1 OF 2
APPROVED					

PLACE DIFFUSERS WITHIN THESE CLUSTERS AS DEFINED IN NOTE 3.

POSITION AERO-ALERT FLOAT ASSEMBLY WITH FLOAT FACING AWAY FROM BIO-BRUSH CLUSTERS. INSTALLED BY OTHERS.

BIO-BRUSH ASSEMBLIES SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS. (TYP)

PLACE THIRD DIFFUSER WITHIN THIS CLUSTER AS DEFINED IN NOTE 3.

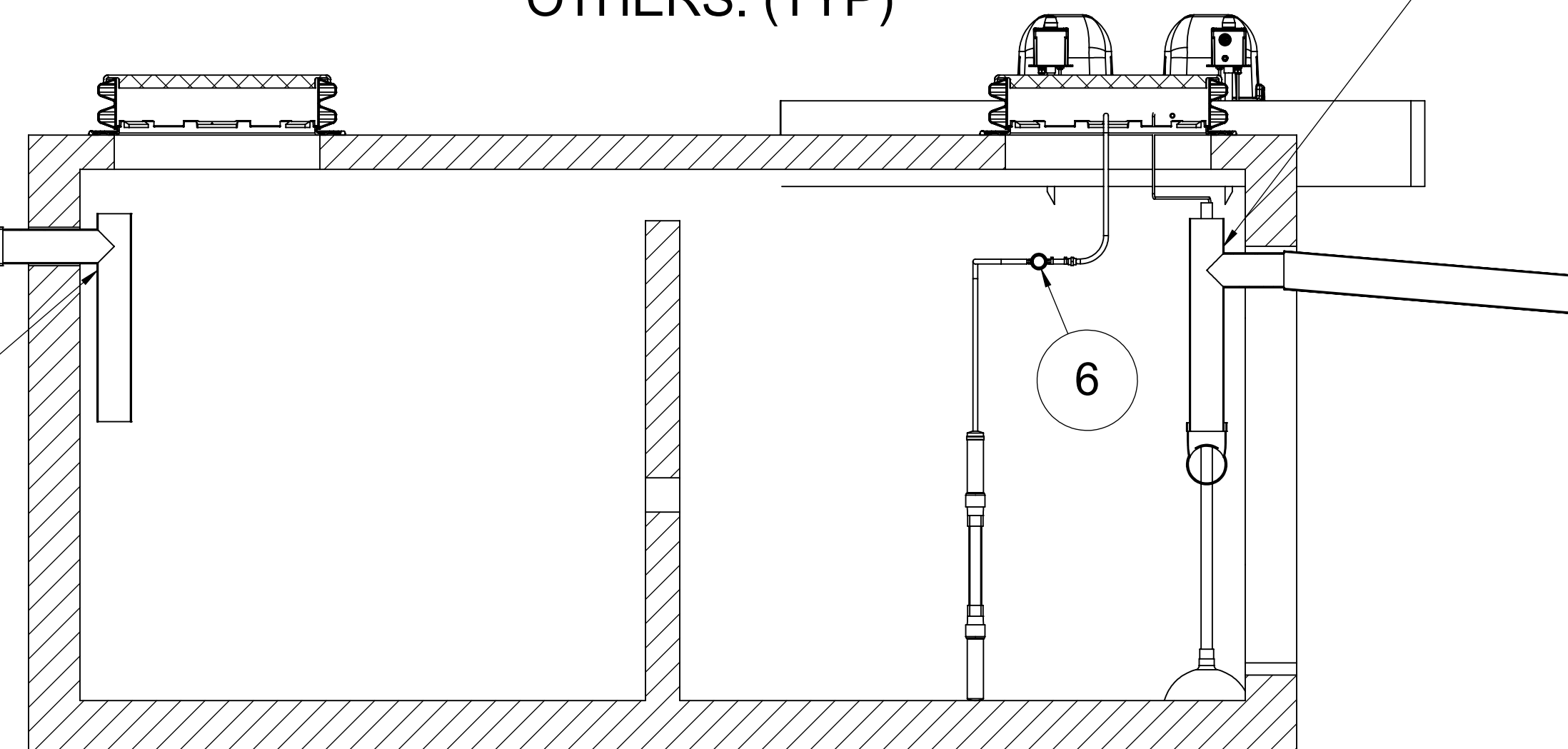


DETAIL A
102954, MANIFOLD ASSM

CLUSTER CONFIGURATION MATRIX (E.G. W*D) TO BE DETERMINED BY AERO-STREAM ENGINEERING BASED ON L*W OF TANK. EXAMPLE 3*3 = 4*2+1*1 OR 4*5 = 6*3 + 2*1

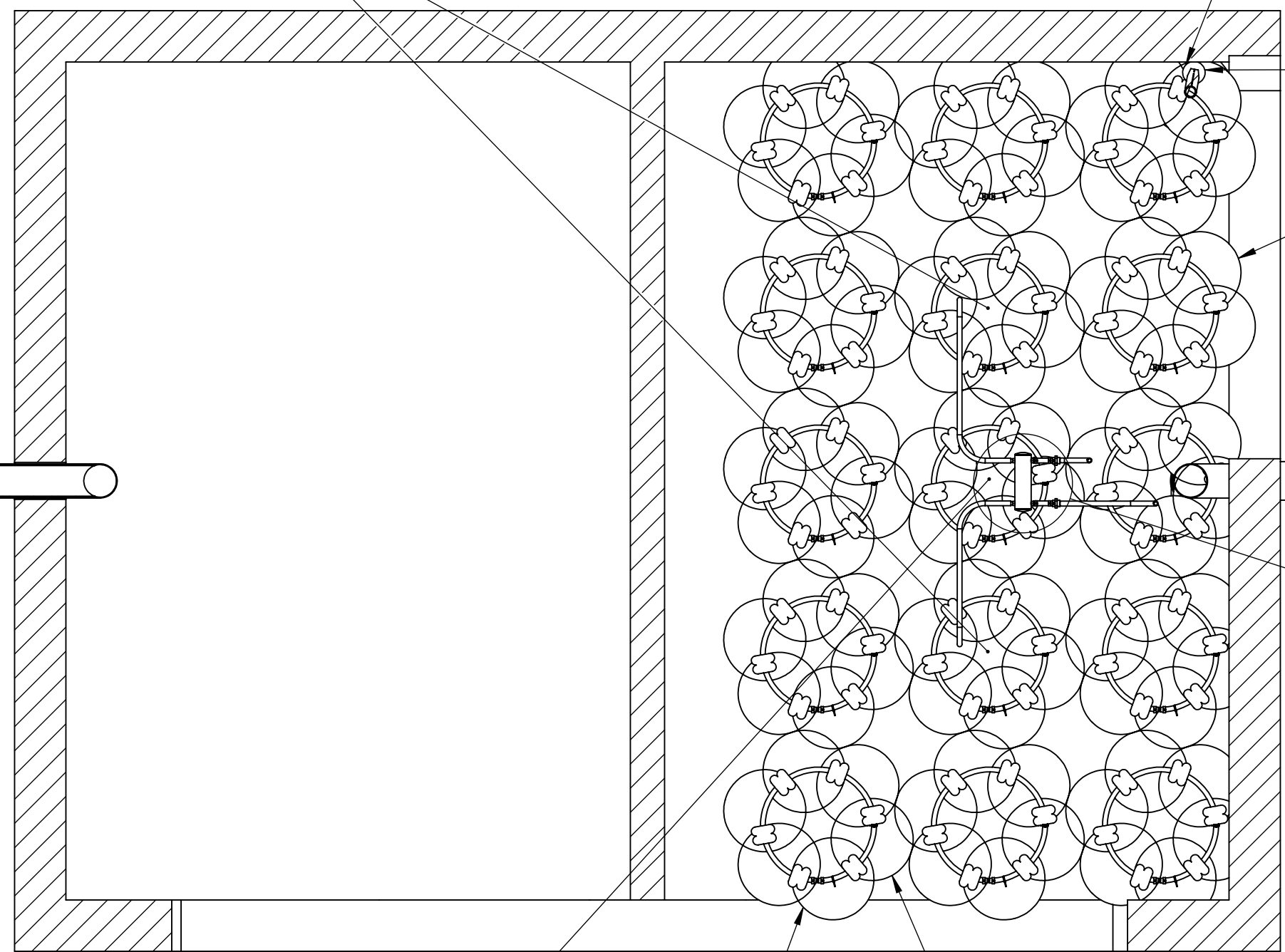
4 INCH SANITARY TEE OUTLET BAFFLE AND OUTLET GAS DEFLECTOR TEE SUPPLIED AND INSTALLED BY OTHERS. (TYP)

4 INCH SANITARY TEE INLET BAFFLES SUPPLIED AND INSTALLED BY OTHERS. (TYP)



SECTION A-A
BIO-BRUSHES HIDDEN FOR CLARITY

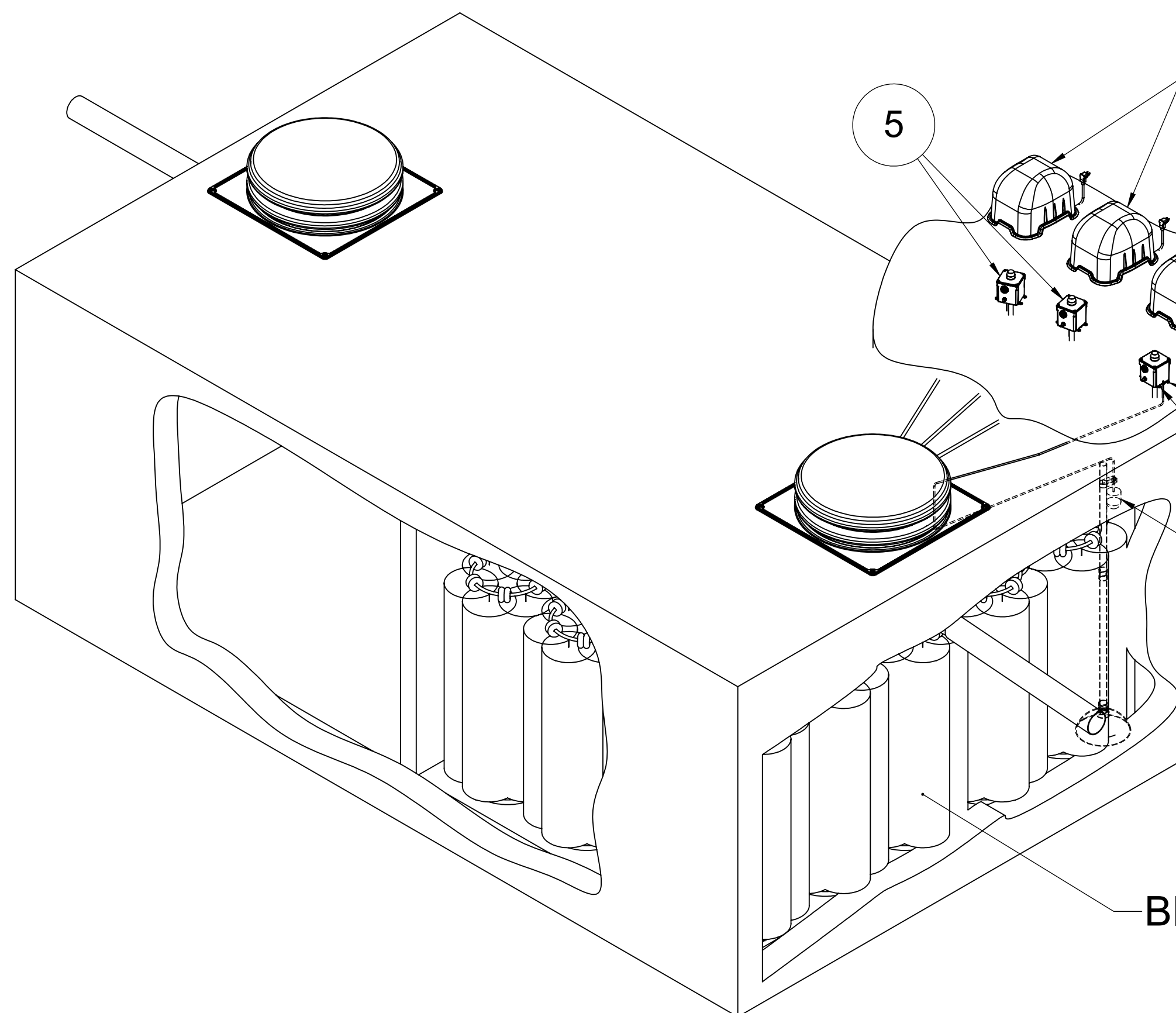
SECTION B-B



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	DESIGNED	JRS	8/28/19	Eco-Nest AS1000-2	
DRAWN	JRS	8/28/19	SIZE		
CHECKED	KKH	8/28/19	D	102860	REV
APPROVED	KKH	8/28/19			E
<small>UNLESS OTHERWISE SPECIFIED</small> <small>DIMENSIONS ARE IN INCHES</small> <small>TOLERANCES:</small> <small>XXX ± .01</small> <small>XX.XX ± .005</small> <small>ANGULAR ± 1°</small>	<small>INTERPRET GEOMETRIC</small> <small>TOLERANCING PER:</small>	<small>SCALE: 1:16</small>		<small>DO NOT SCALE DRAWING</small>	<small>SHEET 2 OF 2</small>

UNLESS OTHERWISE SPECIFIED

1. NOMINAL CHAMBER VOLUME: 1667 GAL (RANGE: 1350 - 2166). CHAMBER VOLUME OUTSIDE OF THIS RANGE MUST BE APPROVED BY AERO-STREAM ENGINEERING.
2. NOMINAL LIQUID LEVEL - 48" (RANGE: 38" - 72")
3. USE 3 DIFFUSER ASSEMBLIES FOR LIQUID LEVELS OF 44" TO 72". USE 3 LOW PROFILE DIFFUSER ASSEMBLIES FOR LIQUID LEVELS LESS THAN 44".



AS1200 COMPRESSOR ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

115VAC - 15 AMP GROUNDED POWER OUTLET PROVIDED BY OTHERS WITHIN 10' OF OUTLET SIDE OF RISER COVER (TYP).

AERO-ALERT ALARM ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

AERO-ALERT FLOAT ASSEMBLY SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS.

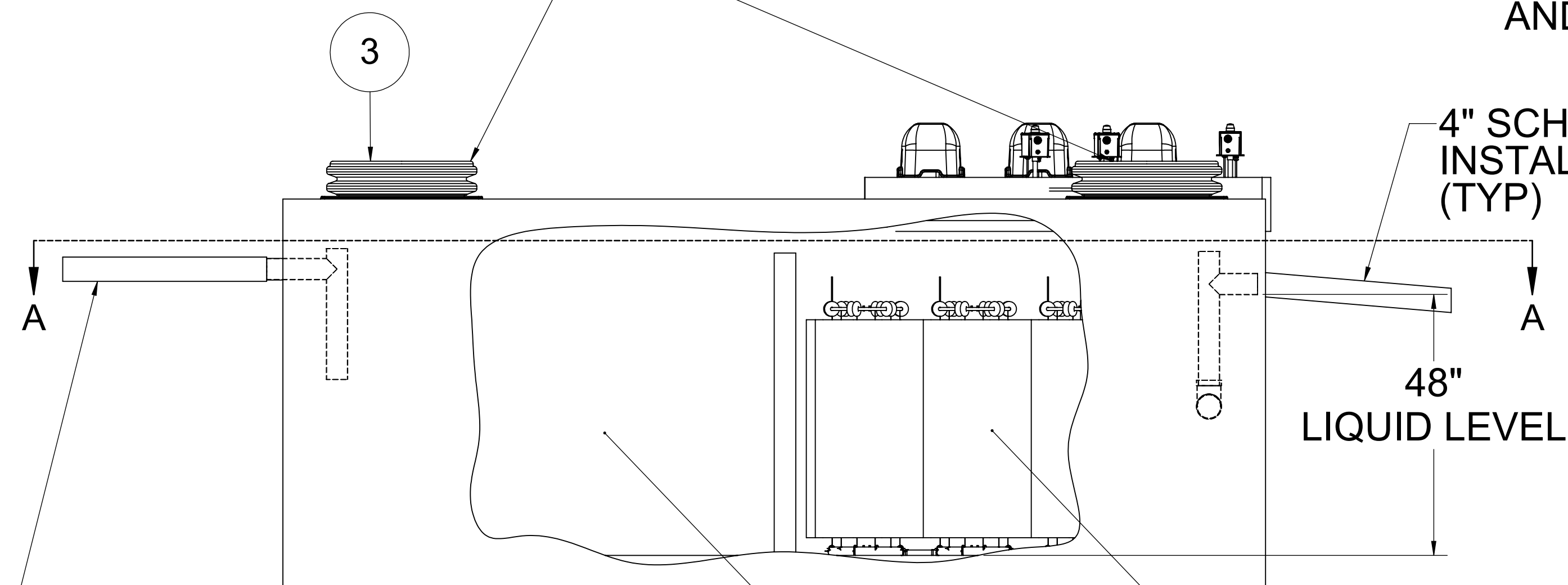
BIO-BRUSH CLUSTERS SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS (TYP).

7" RISER AND COVER ASSEMBLY PROVIDED BY AERO-STREAM AND INSTALLED BY OTHERS. OPTIONAL RISERS UP TO 51" TALL AVAILABLE FROM AERO-STREAM.

TUBING LENGTH BETWEEN DIFFUSERS AND MANIFOLD MUST BE EQUAL IN LENGTH.

5/8" DIA HOLE DRILLED THRU RISER BELOW GRADE FOR TUBING TO AS1200. DRILLED BY OTHERS.

1" DIA HOLE DRILLED THRU RISER BELOW GRADE FOR CORD TO AERO-ALERT FLOAT ASSY. DRILLED BY OTHERS.



4" SCH 40 PROVIDED AND INSTALLED BY OTHERS. (TYP)

48" LIQUID LEVEL

4" SCH 40 CONNECTION PIPES SUPPLIED AND INSTALLED BY OTHERS.

CHAMBER #2, AEROBIC TREATMENT

CHAMBER #1, TRASH TANK

DIFFUSERS TO REST ON TANK FLOOR

NOTE DIRECTION OF SWEEP PER INSTALLATION GUIDE

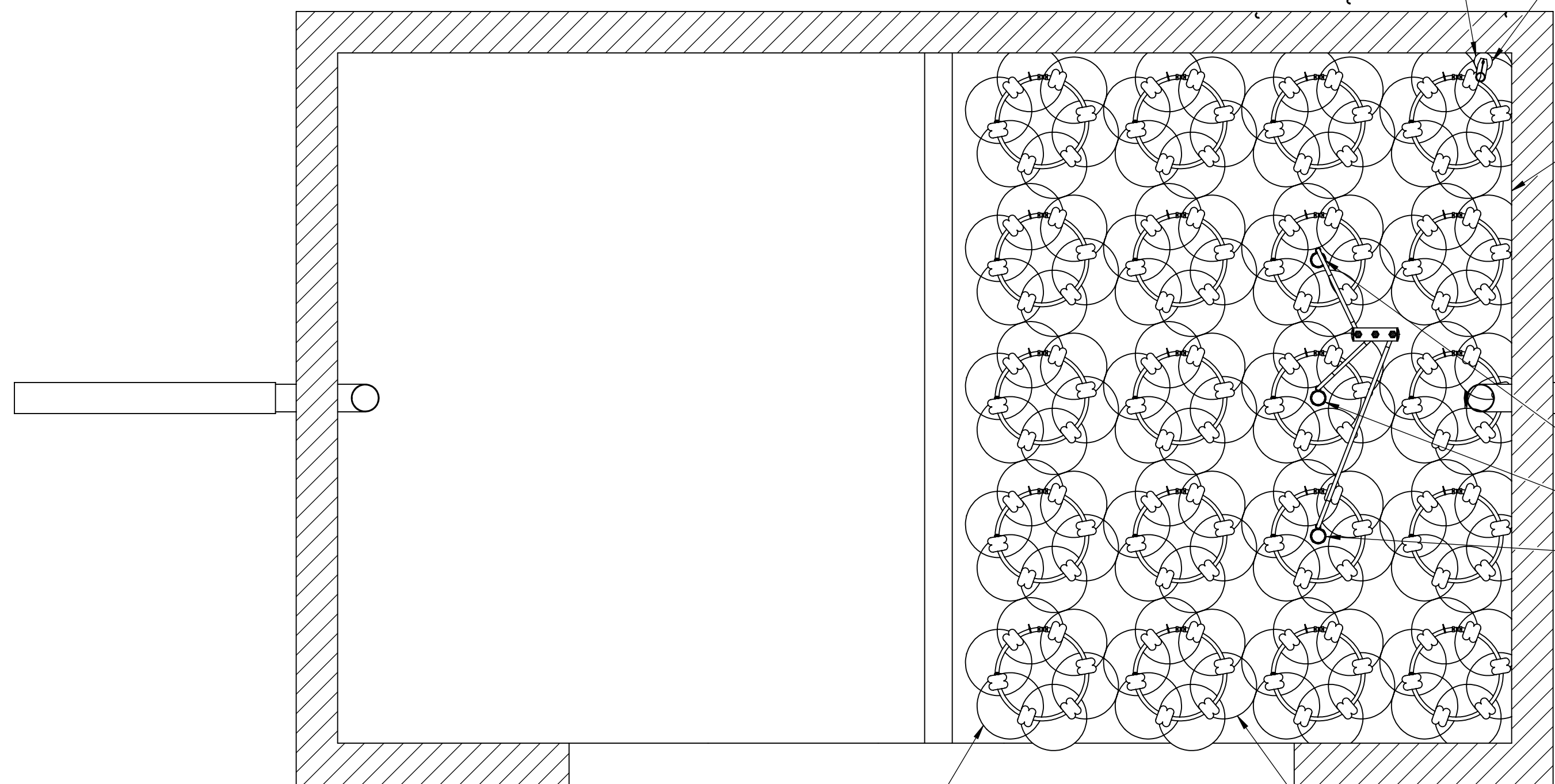
BIO-BRUSHES HIDDEN FOR CLARITY

AERO-ALERT ALARM ASSEMBLY STAKED INTO GROUND BY OTHERS.

TANK PROVIDED AND INSTALLED BY OTHERS.

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	102102	AS1200 COMPRESSOR	3
2	103027	4W X 5D BIO-BRUSH CLUSTER	1
3	102367	AS-R7 RISER KIT	2
4	102837	AERO-ALERT, P & HW, 15' KIT	1
5	102945	Aero-Alert, P Only	2
6	102956	MANIFOLD ASSM, 3 X 3	1
7	102302	DIFFUSER, AERO-TUBE ASSM	3

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DESIGNED	JRS	8/28/19	Eco-Nest AS1500-2
DRAWN	JRS	8/28/19	
CHECKED	KKH	8/28/19	SIZE DWG. NO. REV D 102867 E
APPROVED	KKH	8/28/19	SCALE: 1:20 (DO NOT SCALE DRAWING) SHEET 1 OF 2



2
SECTION A-A

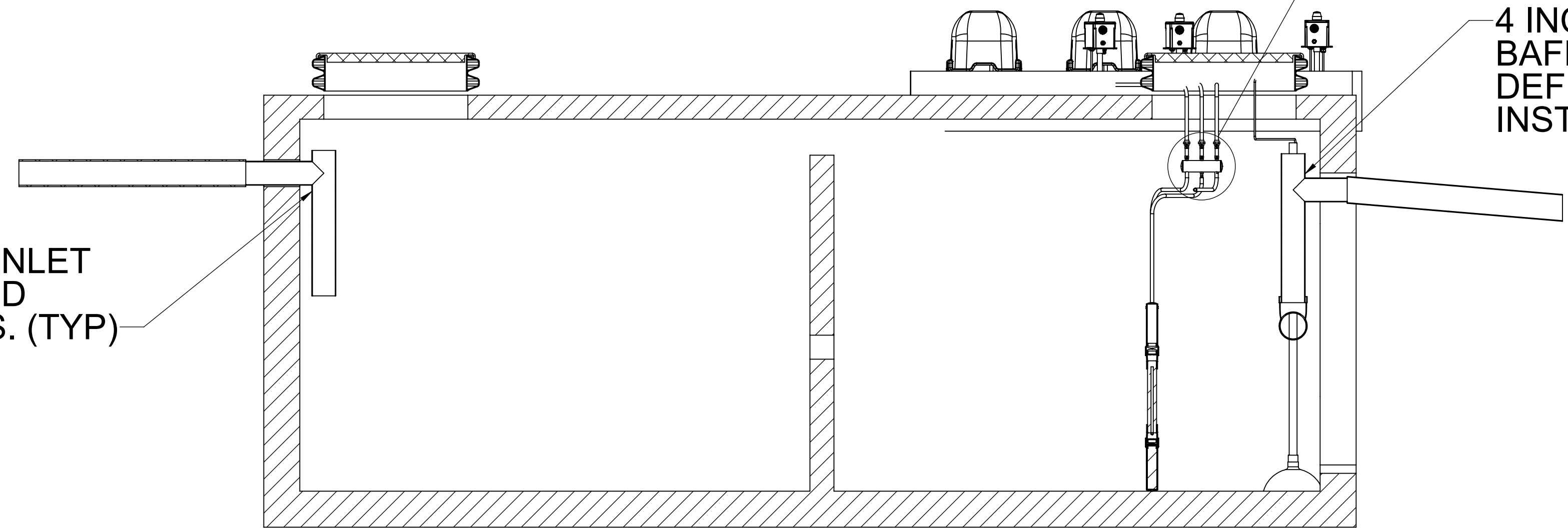
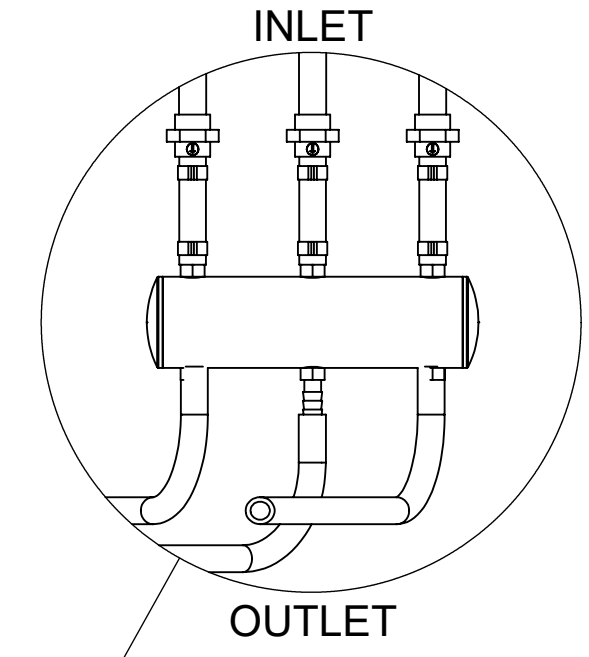
POSITION AERO-ALERT FLOAT ASSEMBLY WITH FLOAT FACING AWAY FROM BIO-BRUSH CLUSTERS. INSTALLED BY OTHERS.

BIO-BRUSH ASSEMBLIES SUPPLIED BY AERO-STREAM AND INSTALLED BY OTHERS. (TYP)

PLACE DIFFUSERS WITHIN THESE CLUSTERS AS DEFINED IN NOTE 3.

CLUSTER CONFIGURATION MATRIX (E.G. W*D) TO BE DETERMINED BY AERO-STREAM ENGINEERING BASED ON L*W OF TANK. EXAMPLE $3*3 = 4*2 + 1*1$ OR $4*5 = 6*3 + 2*1$

DETAIL A
102956, MANIFOLD ASSM



4 INCH SANITARY TEE INLET Baffles SUPPLIED AND INSTALLED BY OTHERS. (TYP)

4 INCH SANITARY TEE OUTLET Baffle AND OUTLET GAS DEFLECTOR TEE SUPPLIED AND INSTALLED BY OTHERS. (TYP)

SECTION B-B
BIO-BRUSHES HIDDEN FOR CLARITY

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	<small>DESIGNED</small> JRS 8/28/19	Eco-Nest	
	<small>DRAWN</small> JRS 8/28/19	AS1500-2	
	<small>CHECKED</small> KKH 8/28/19	<small>SIZE</small> D	<small>DWG. NO.</small> 102867
<small>APPROVED</small> KKH 8/28/19	<small>SCALE: 1:16 (DO NOT SCALE DRAWING)</small>		<small>SHEET 2 OF 2</small>