
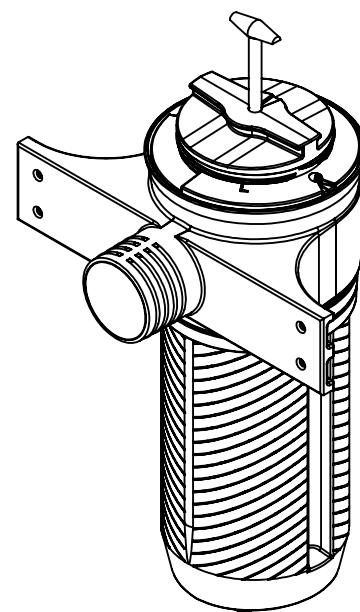
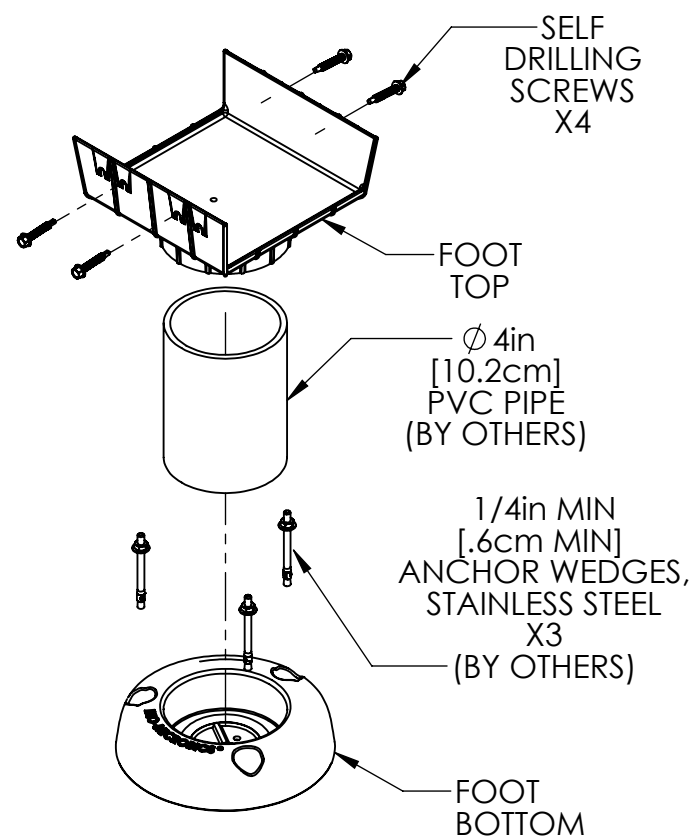
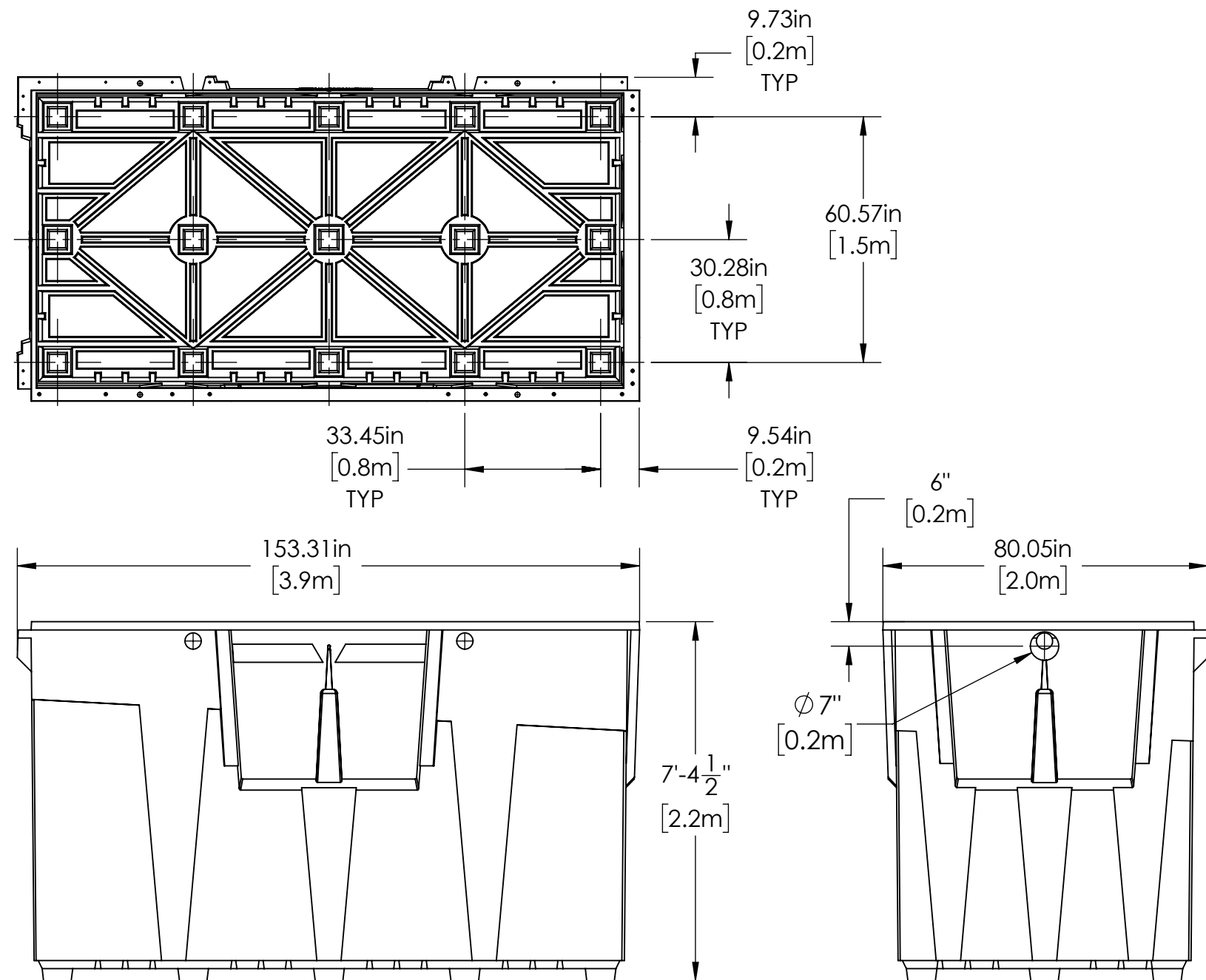
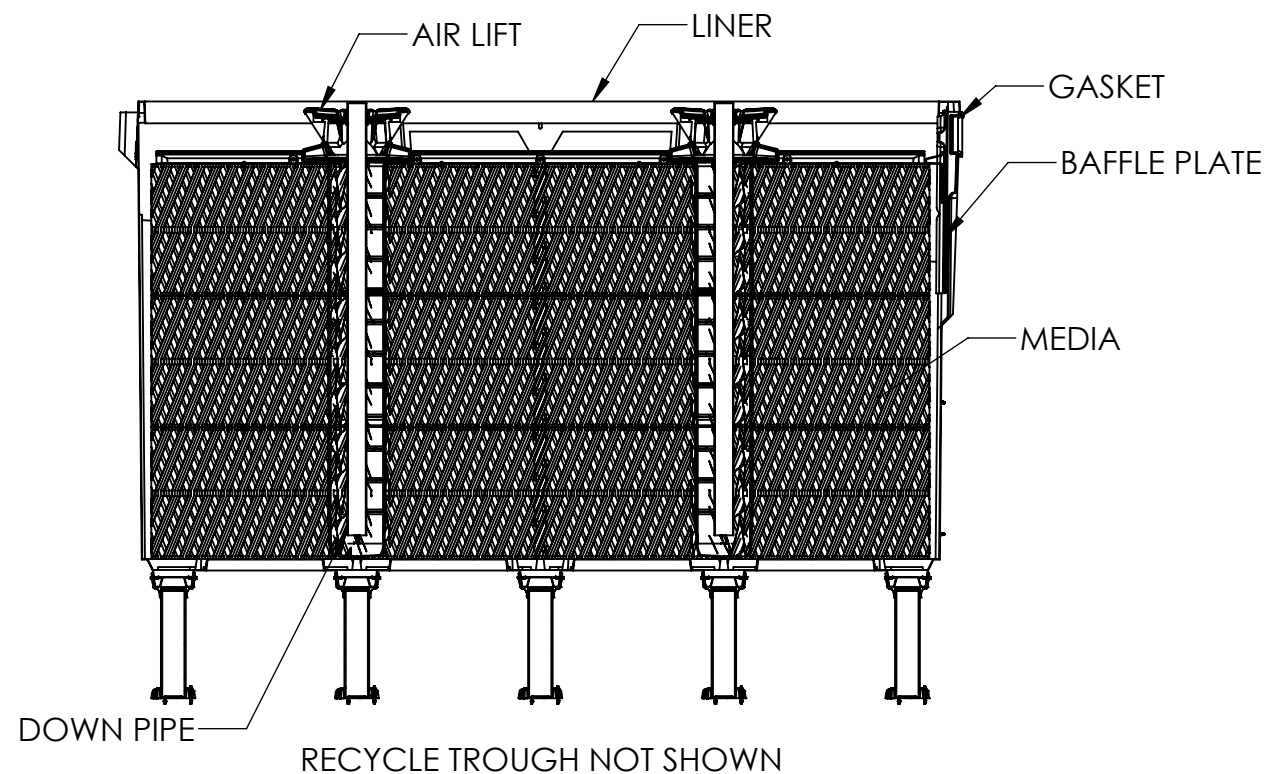
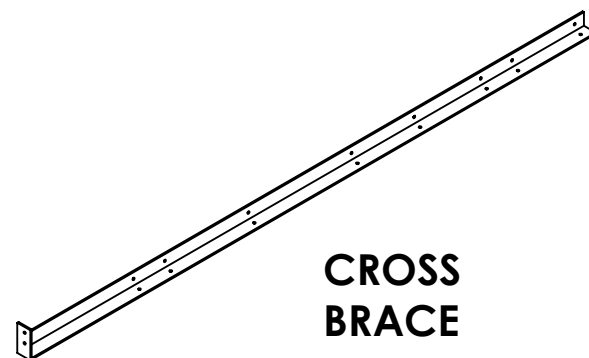
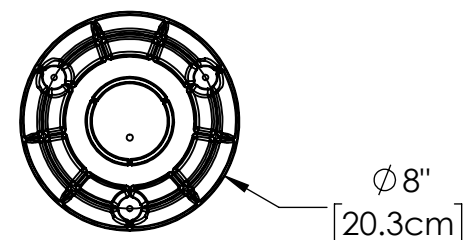


## MyFAST® 10.0

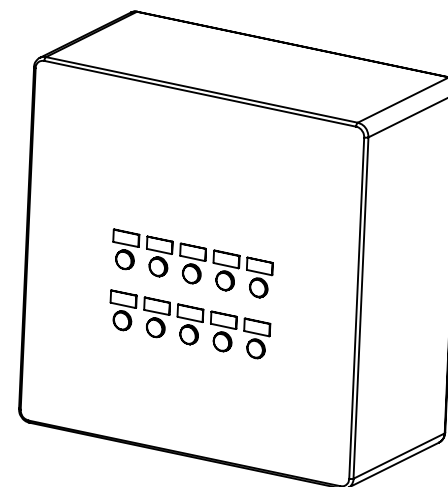
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		<p>DRAWN BY: ESG</p> <p>DATE: 12/19/2023</p>			
<p>SHEET 1 OF 7</p>		<p>APPROVED BY: MSH</p>		<p>PART NUMBER</p>	
<p>SCALE: 1:70</p>	<p>SIZE: B</p>	<p>APPROVED BY DATE: 12/19/2023</p>		<p>MyFAST 10.0</p>	<p>REV -</p>



**SANITEE**




**CROSS BRACE**



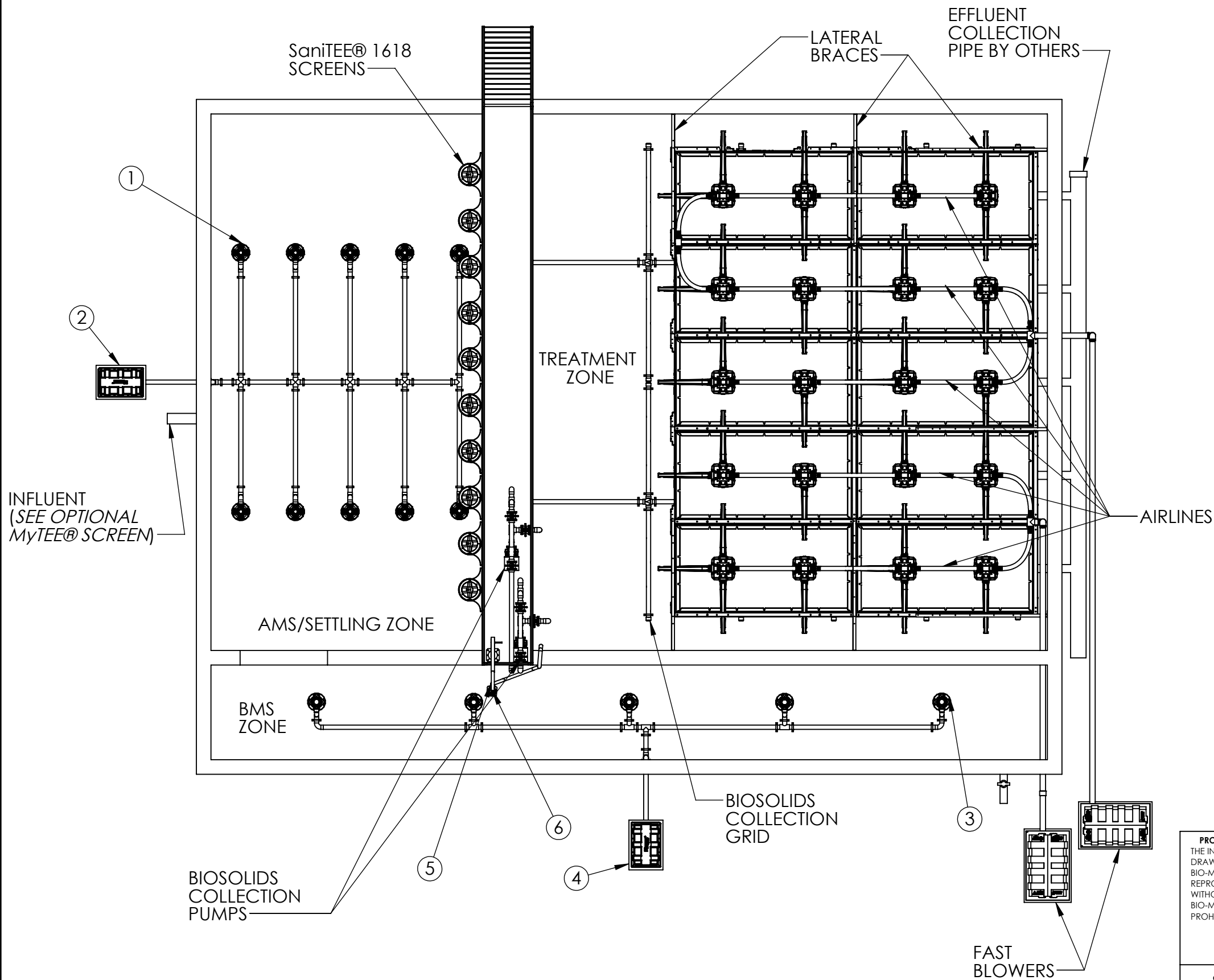
**CONTROL PANEL**

**NOTES:**

1. ITEMS ARE DEPICTIONS AND MAY VARY IN APPEARANCE.

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	<p>DRAWN BY: ESG</p> <p>DATE: 12/19/2023</p>			<p>DESCRIPTION</p> <p>MYFAST UNIT DETAILS</p>
<p>SHEET 2 OF 7</p>		<p>APPROVED BY: MSH</p> <p>APPROVED DATE: 12/19/2023</p>	<p>PART NUMBER</p> <p>MyFAST 10.0</p>	<p>REV</p>
<p>SCALE: 1:32</p>	<p>SIZE: B</p>			

# MyFAST® 10.0 with Optional MyTEE® Screen, AMS & BMS



### Product Description & Layout MyFAST® 10.0 Basic

Designed to treat approximately 100,000 GPD [379 m<sup>3</sup>/day] of residential waste water. For non-residential or mixed use applications, contact factory for guidance.

- (10) MyFAST® Liners
- (10) SaniTEE® 1618 Screens
- Blowers and Blower housings
- Control Panel
- Air Distribution Assembly
- (2) Biosolids Collection Grids
- (2) Biosolids Collection Pumps, valves and manifolds
- (8) Lateral Braces

### OPTIONS

#### Aeration Management System (AMS)

LIXOR® aeration system provides oxygen and mixing, reducing primary sludge.

1. (1) LIXOR® 10.0XD
2. Blower and Blower housing

#### Biosolids Management System (BMS)

LIXOR® aeration system to reduce biosolids quantity.

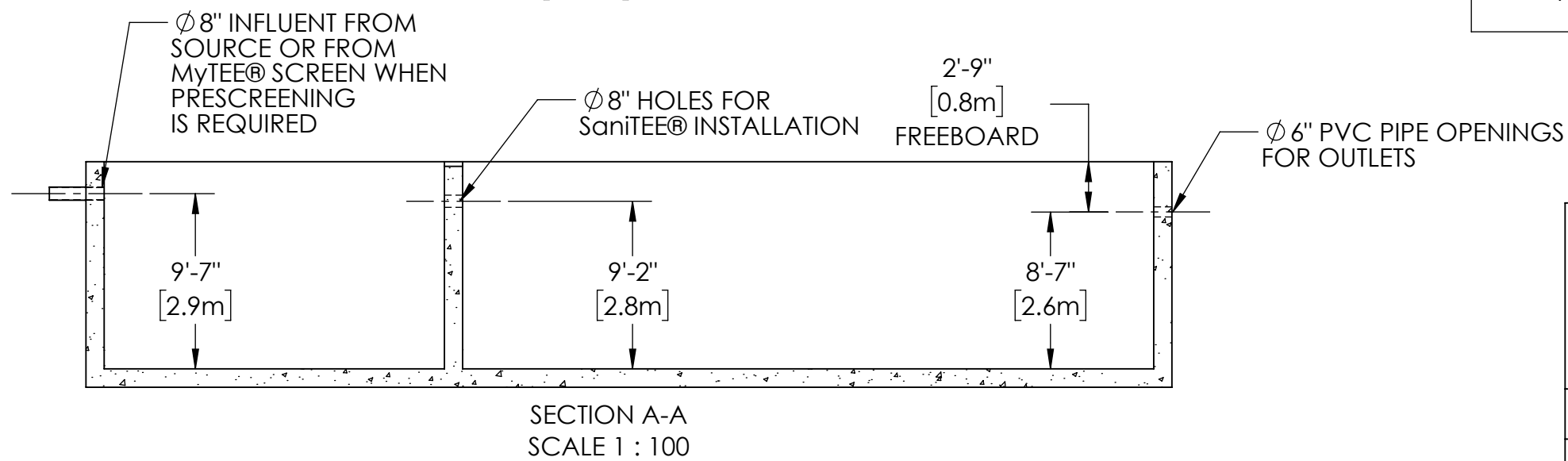
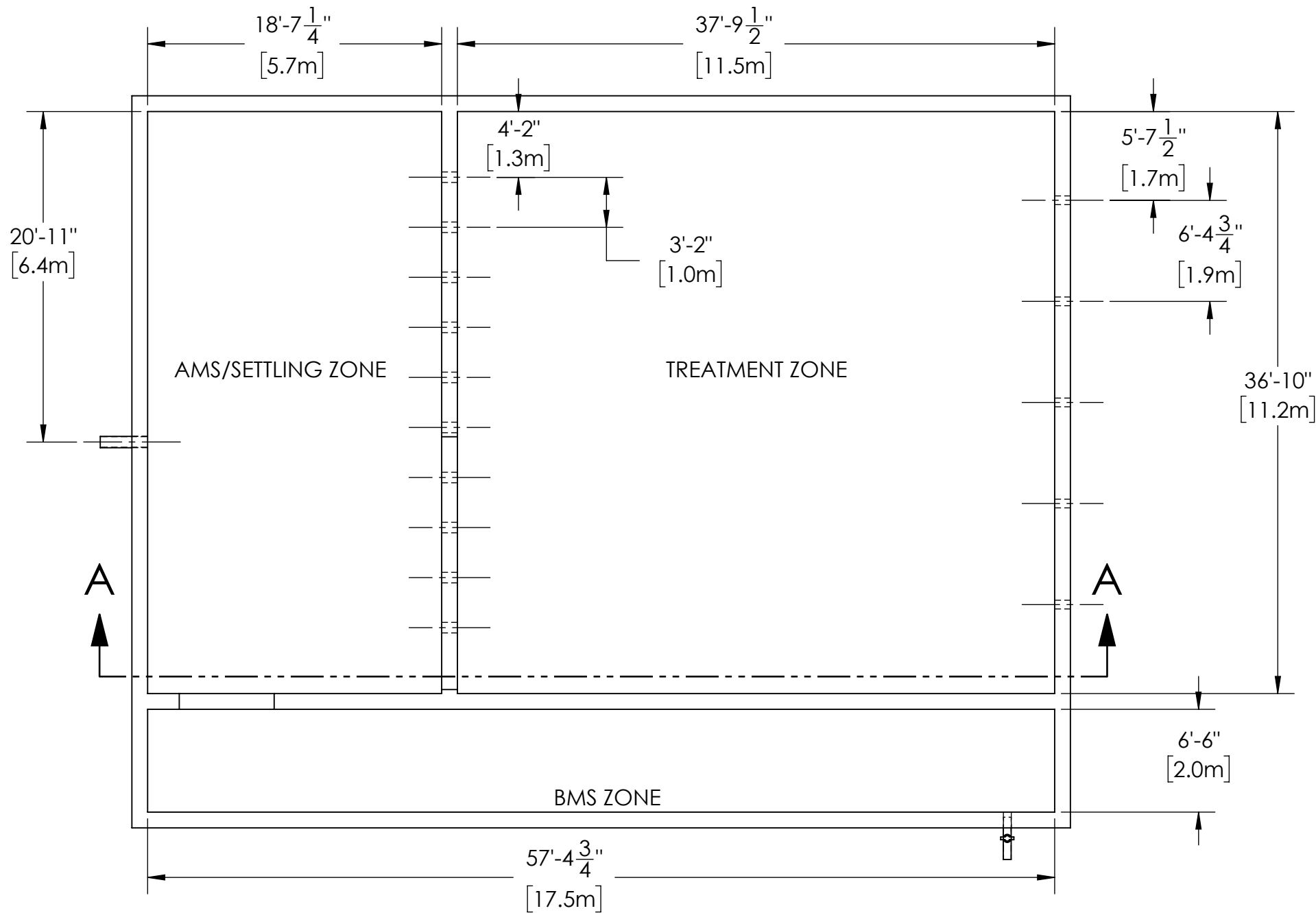
3. LIXOR® 5.0
4. Blower and Blower housing
5. Jib Crane
6. Decant Pump

#### MyTEE® Screen

A prescreening device is required prior to AMS Zone. MyTEE® screen provides separation of non-biological solids and grit.

**See sheet 5 of 7 MyTEE® Screen**

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DO NOT SCALE DRAWING	DRAWN BY: ESG DATE: 12/19/2023	DESCRIPTION <b>LAYOUT</b>	
<b>SHEET 3 OF 7</b>	APPROVED BY: MSH APPROVED BY DATE: 12/19/2023	PART NUMBER <b>MyFAST 10.0</b>	REV -
SCALE: 1:90	SIZE: B		



### MyFAST® 10.0 Tank Details

#### Lid Access Requirements

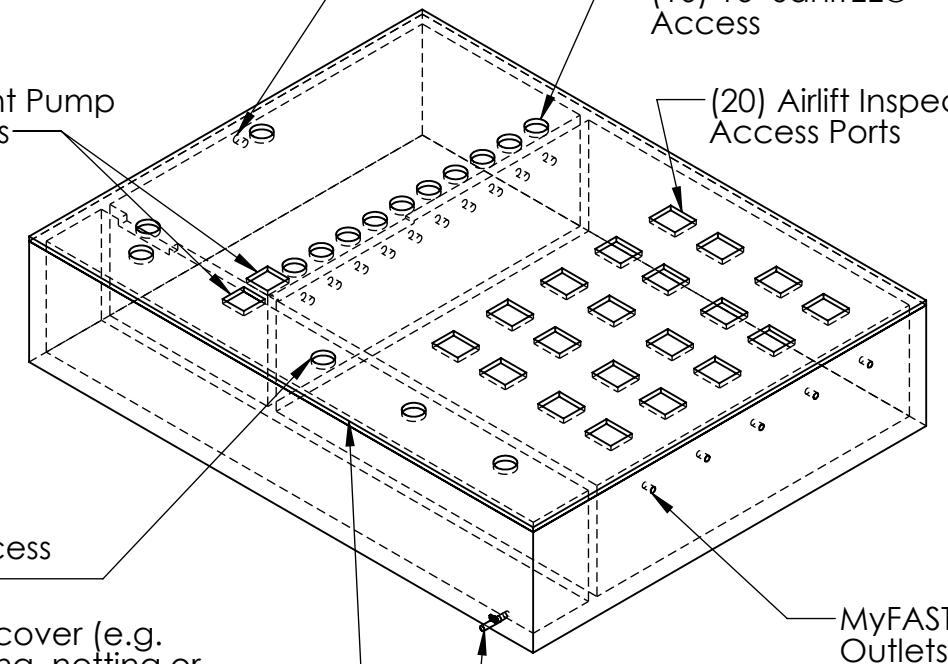
detailed drawings available upon request

Influent from source or from MyTEE® screen when prescreening is required see sheet 5 of 7

Decant Pump Access

(10) 16" SaniTEE® Access

(20) Airlift Inspection/ Access Ports



(5) Access Ports

A tank cover (e.g. screening, netting or concrete) is recommended to eliminate debris

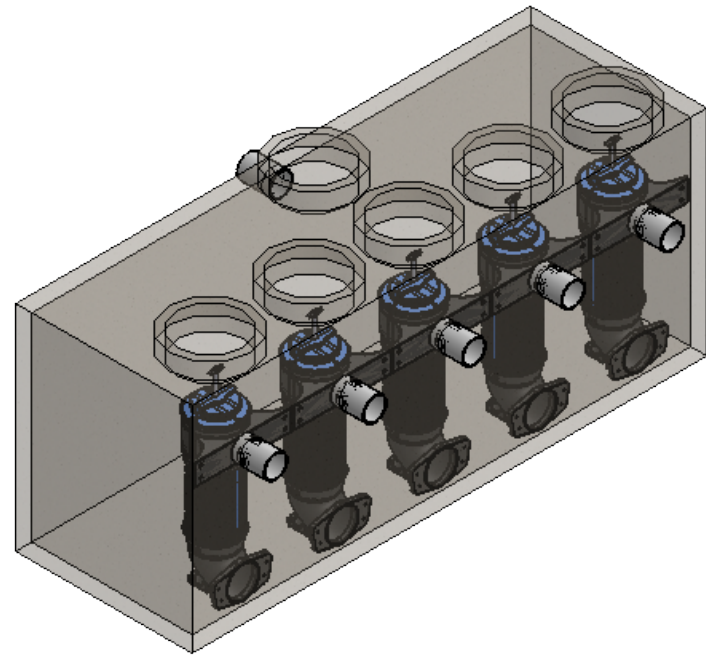
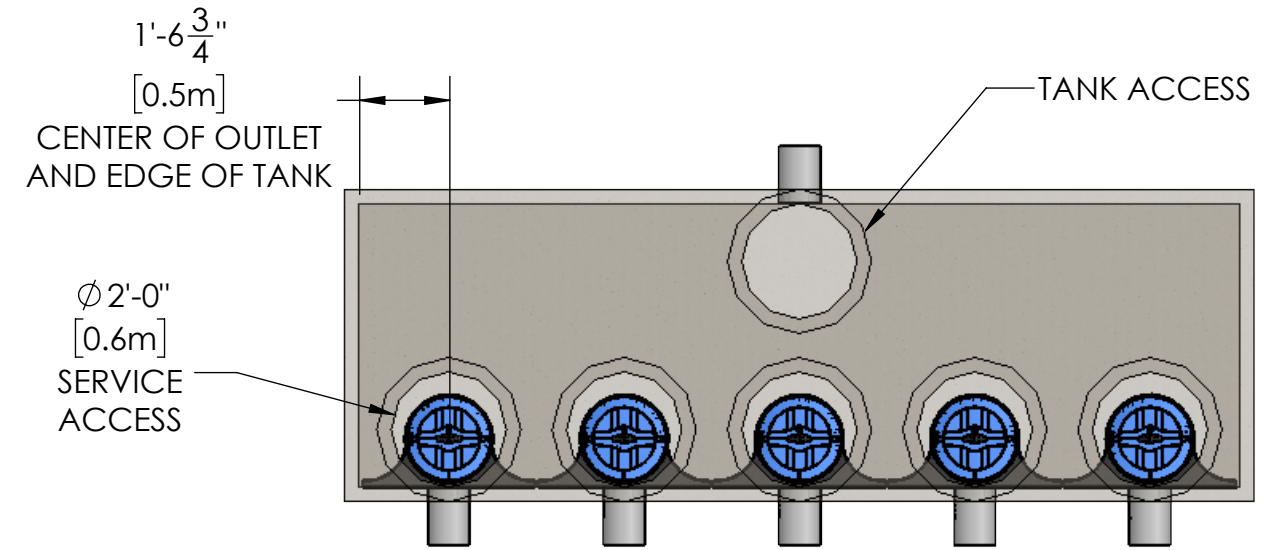
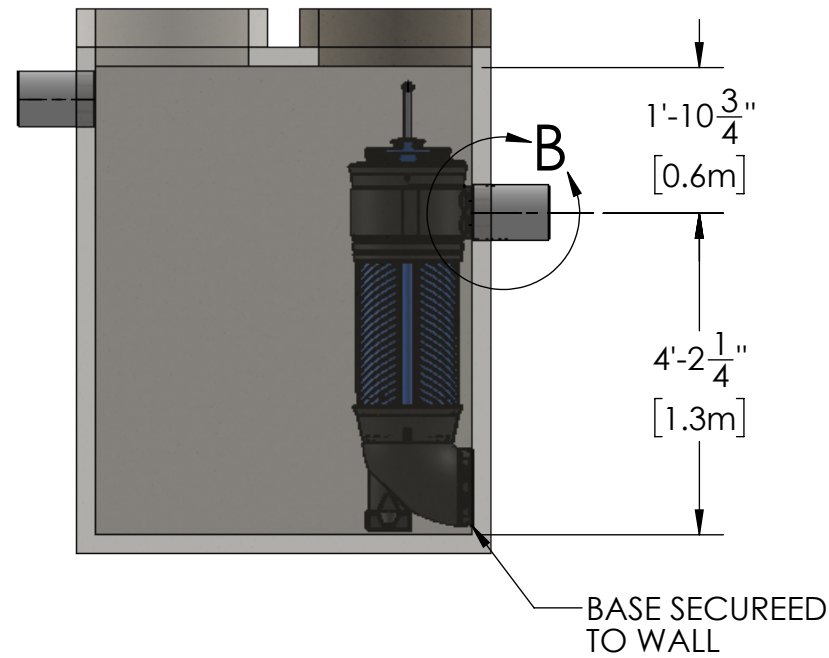
MyFAST® Outlets

Biosolids Port

#### Notes:

When tank is covered, adequate ventilation required. Refer to the BASIC, AMS & Specification sheets for additional details.

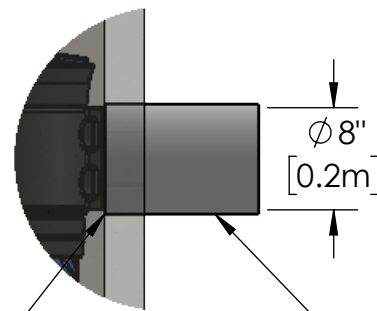
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DO NOT SCALE DRAWING		DRAWN BY: ESG		DESCRIPTION: TANK DETAILS	
SHEET 4 OF 7		DATE: 12/19/2023		PART NUMBER: MyFAST 10.0	
SCALE: 1:192		APPROVED BY: MSH		REV: -	
SIZE: B		APPROVED BY DATE: 12/19/2023			



**NOTES:**

1. MyTEE® screens provide separation of nonbiological solids and grit.
2. Each 1638 MyTEE® unit should be placed under a 24" [61cm] riser for proper operation of the internal and external swabs.
3. Tank inlet flow line must be at least 2" [5cm] above the emergency overflow outlet flow line.
4. See table for required MyTEE® quantities and maximum tank volume.
5. Outlet pipe not included.
6. All appurtenances to MyTEE® (e.g. septic tank, access risers, etc.) must conform to all applicable codes.
7. See additional details in MyFAST® Installation Manual.

MyTEE® 1638 SCREEN			
MyFAST® MODEL	FLOW	MAXIMUM TANK VOLUMES	MyTEE® QUANTITY
2.0	20,000 GPD [76 M3/DAY]	(1) 2500 GAL [10M3] TANK	1
3.0	30,000 GPD [114 M3/DAY]	(1) 3750 GAL [14M3] TANK	2
4.0	40,000 GPD [150 M3/DAY]	(1) 5000 GAL [19M3] TANK	2
6.0	60,000 GPD [230 M3/DAY]	(1) 7500 GAL [28M3] TANK	3
8.0	80,000 GPD [300 M3/DAY]	(1) 10000 GAL [38M3] TANK	4
10.0	100,000 GPD [379 M3/DAY]	(1) 12500 GAL [47M3] TANK	5
12.0	120,000 GPD [454 M3/DAY]	(1) 15000 GAL [55M3] TANK	6
16.0	160,000 GPD [600 M3/DAY]	(1) 20000 GAL [75M3] TANK	8

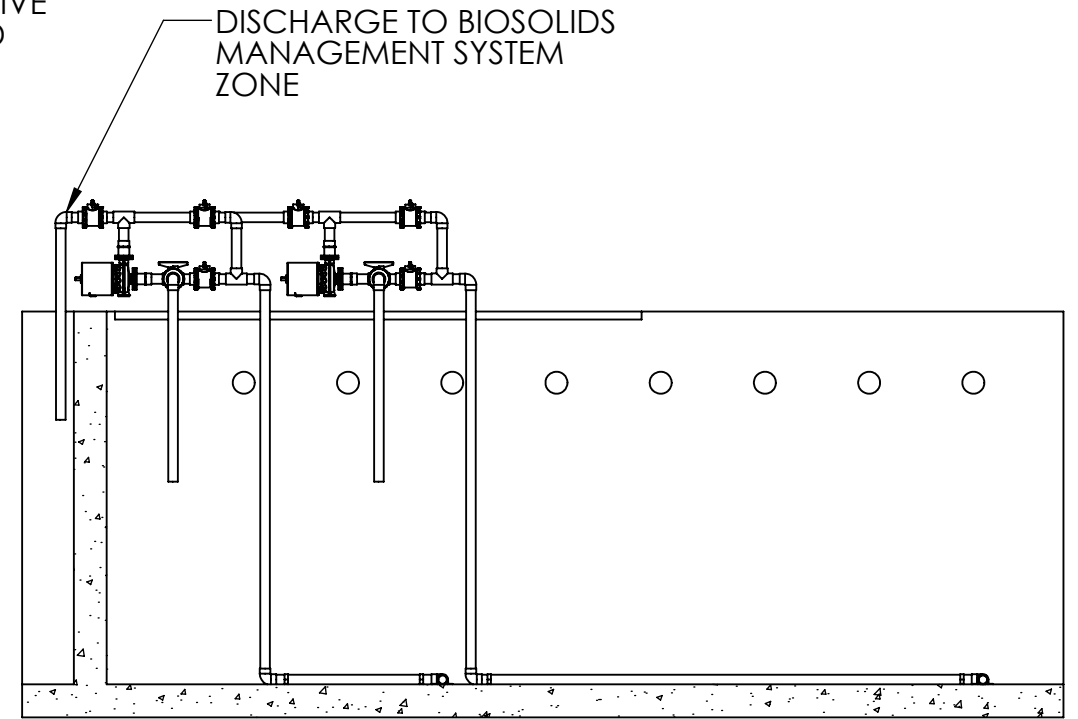
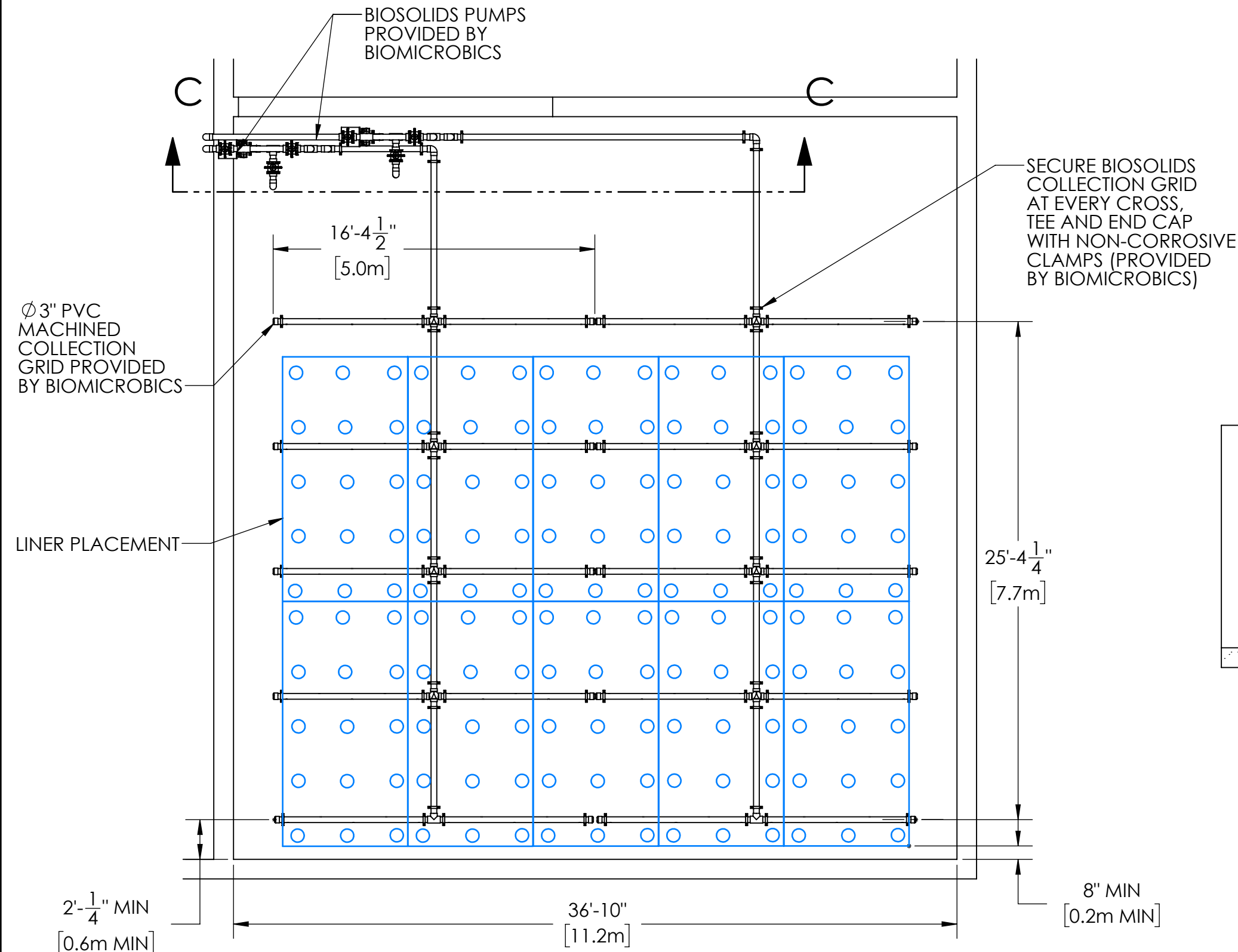


IF INSTALLED AS SHOWN IN A SINGLE COMPARTMENT TANK, THE Ø 8" PVC PIPE MUST BE WATER TIGHT WITHIN THE TANK AND FLUSH AGAINST THE INSIDE TO MOUNT 16" MyTEE® BOTTOM DIVERTER

DETAIL B  
SCALE 1 : 15

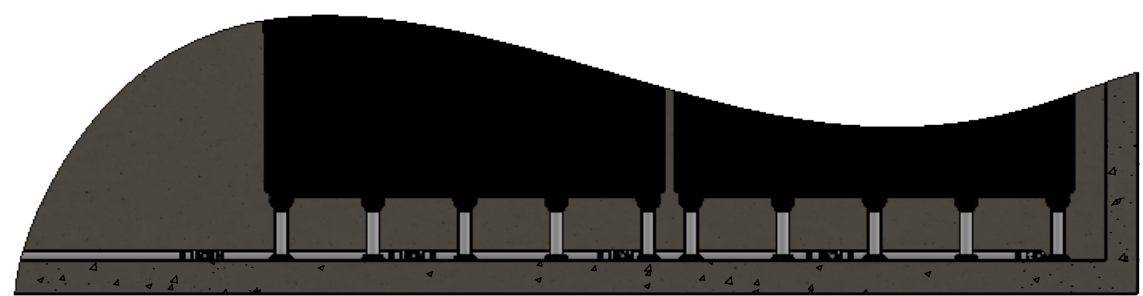
OUTLET  
OPTIONAL  
Ø 8" PVC PIPE PROVIDED  
BY OTHERS TO CONNECT  
OUTLET TO SECONDARY  
TANK


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	<p>DRAWN BY: ESG</p> <p>DATE: 12/19/2023</p>	
<p>SHEET 5 OF 7</p>	<p>APPROVED BY: MSH</p>	<p>PART NUMBER MyFAST 10.0</p>
<p>SCALE: 1:70</p>	<p>SIZE: B</p>	<p>APPROVED BY DATE: 12/19/2023</p>
		<p>REV -</p>



SECTION C-C

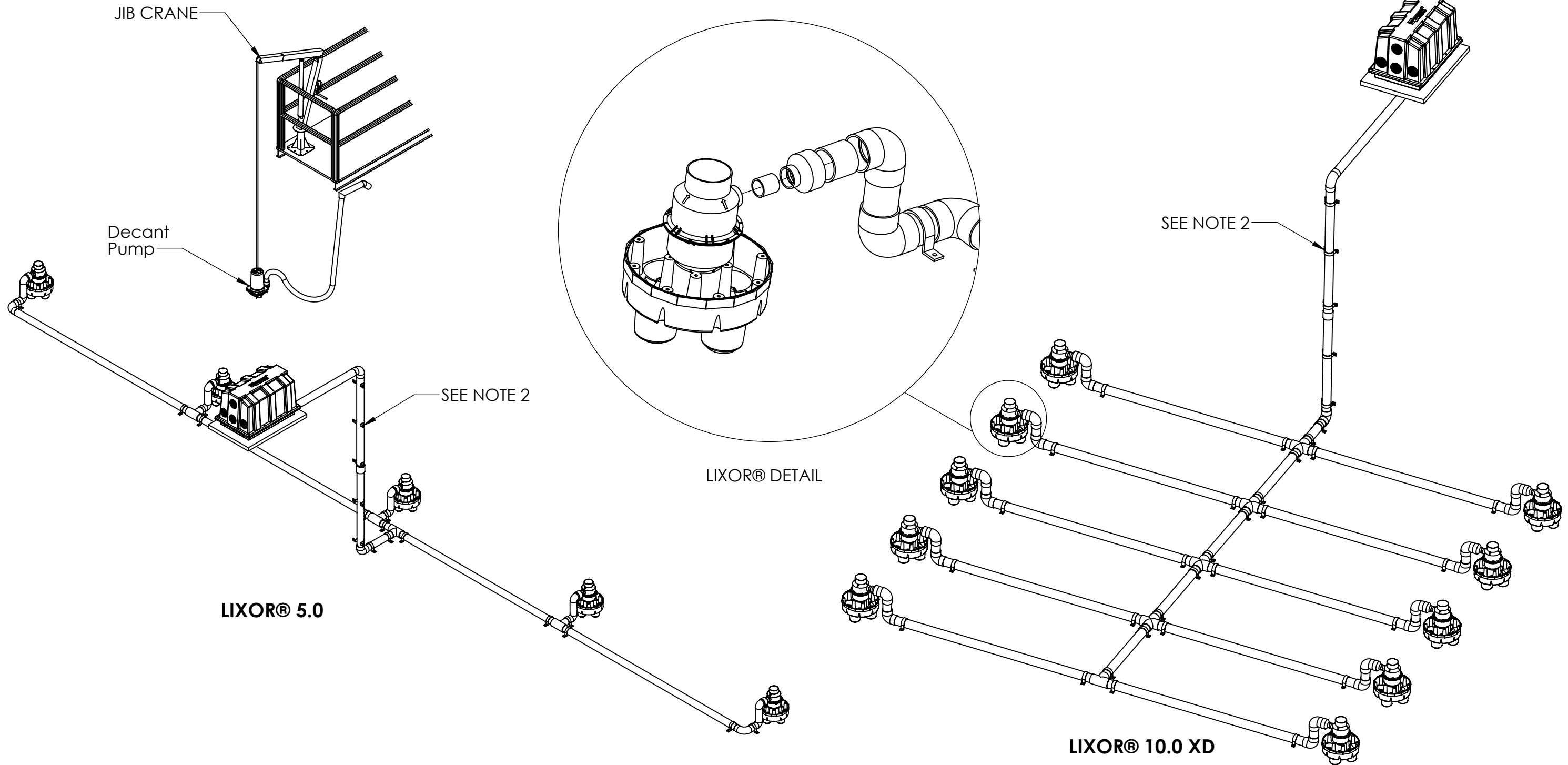
NOTE:  
ALL Ø 3" PVC PIPE SHOWN  
IN SECTION C-C WILL BE  
PROVIDED BY BIOMICROBICS.



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<p>DO NOT SCALE DRAWING</p>		<p>DRAWN BY: ESG</p>		<p>DESCRIPTION BIOSOLIDS COLLECTION SYSTEM</p>	
<p>SHEET 6 OF 7</p>		<p>DATE: 12/19/2023</p>		<p>PART NUMBER MyFAST 10.0</p>	
<p>SCALE: 1:70</p>		<p>APPROVED BY: MSH</p>		<p>REV -</p>	
<p>SIZE: B</p>		<p>APPROVED BY DATE: 12/19/2023</p>			

**Biosolids Management System (BMS) Option**

**Aeration Management System (AMS) Option**



**NOTES:**

1. Blower piping to LIXOR® may not exceed 100 FT [30.5m] in total length and use a maximum of 6 elbows, to get to the tank. For distances greater than 100 FT [30.5m] - consult factory. Blower must be located above flood/standing water levels on a concrete base 36" X 58" X 2" [91x147x5cm] minimum.
2. The air supply line must be secured with a non-corrosive clamp every 2 FT [0.6m] minimum to prevent vibration induced damage.
3. Installation of the LIXOR® shall be done in accordance with the written instructions provided by the manufacturer. Refer to LIXOR® Installation Manual for more details.

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	<p>DRAWN BY: ESG</p>	
<p>SHEET 7 OF 7</p>	<p>DATE: 12/19/2023</p>	<p>PART NUMBER MyFAST 10.0</p>
<p>SCALE: 1:70</p>	<p>SIZE: B</p>	<p>APPROVED BY: MSH</p>
	<p>APPROVED BY DATE: 12/19/2023</p>	<p>REV -</p>