
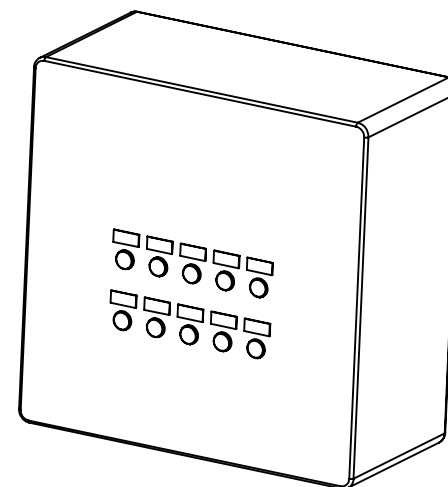
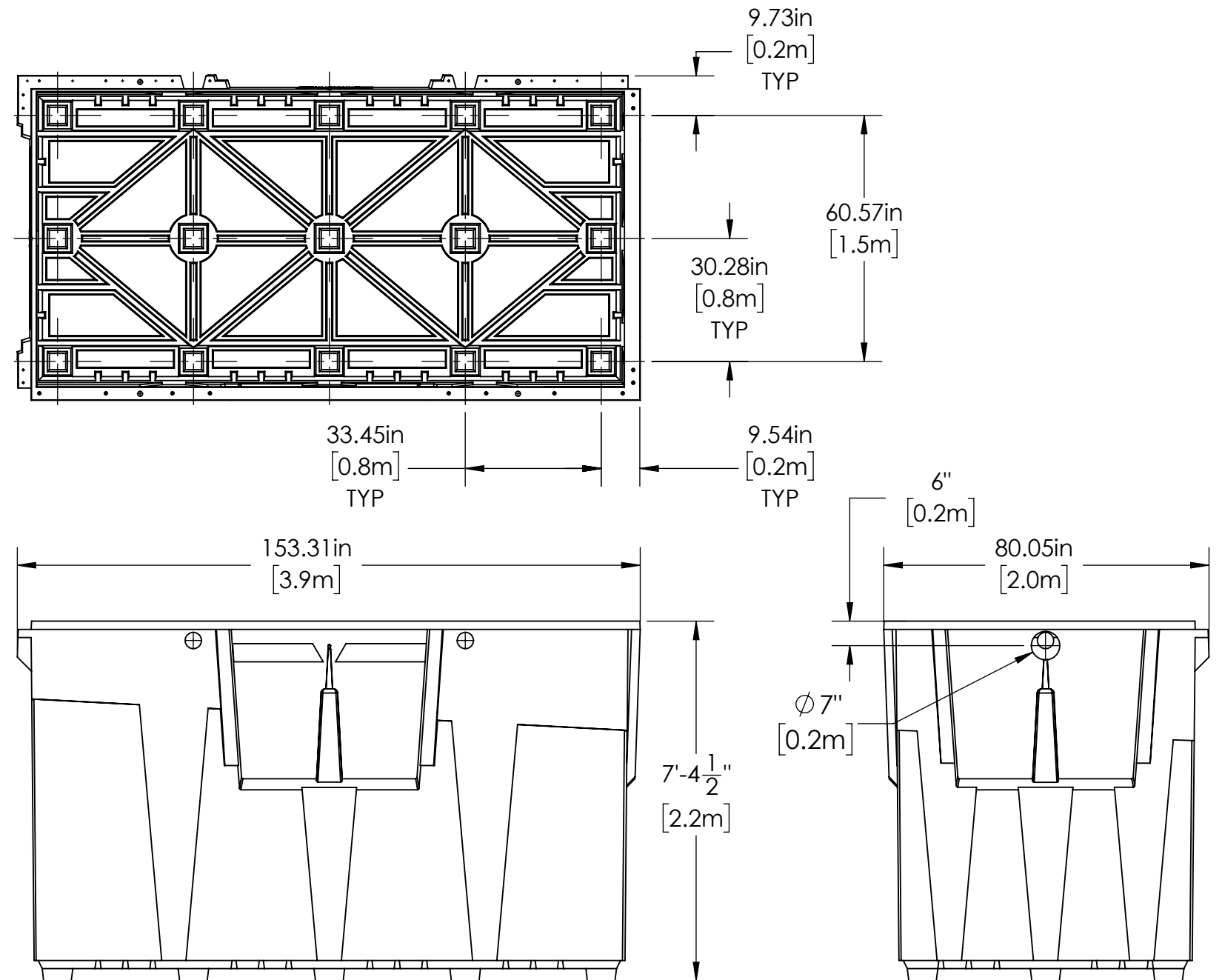
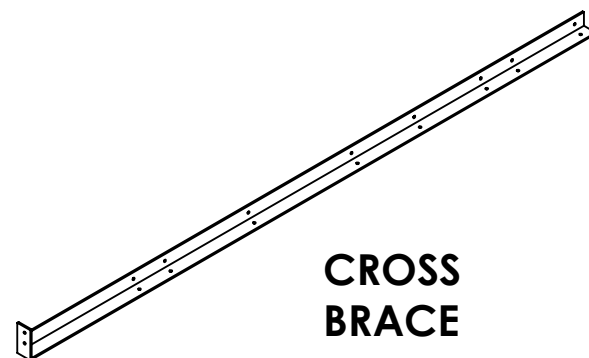
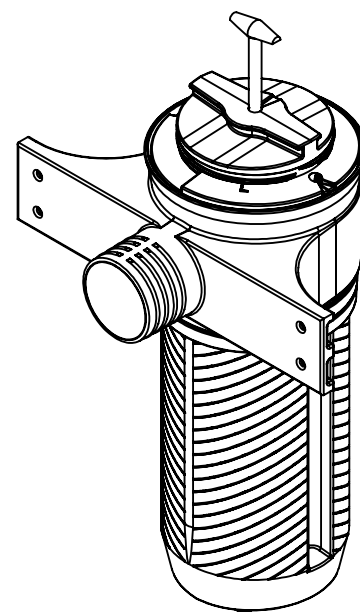
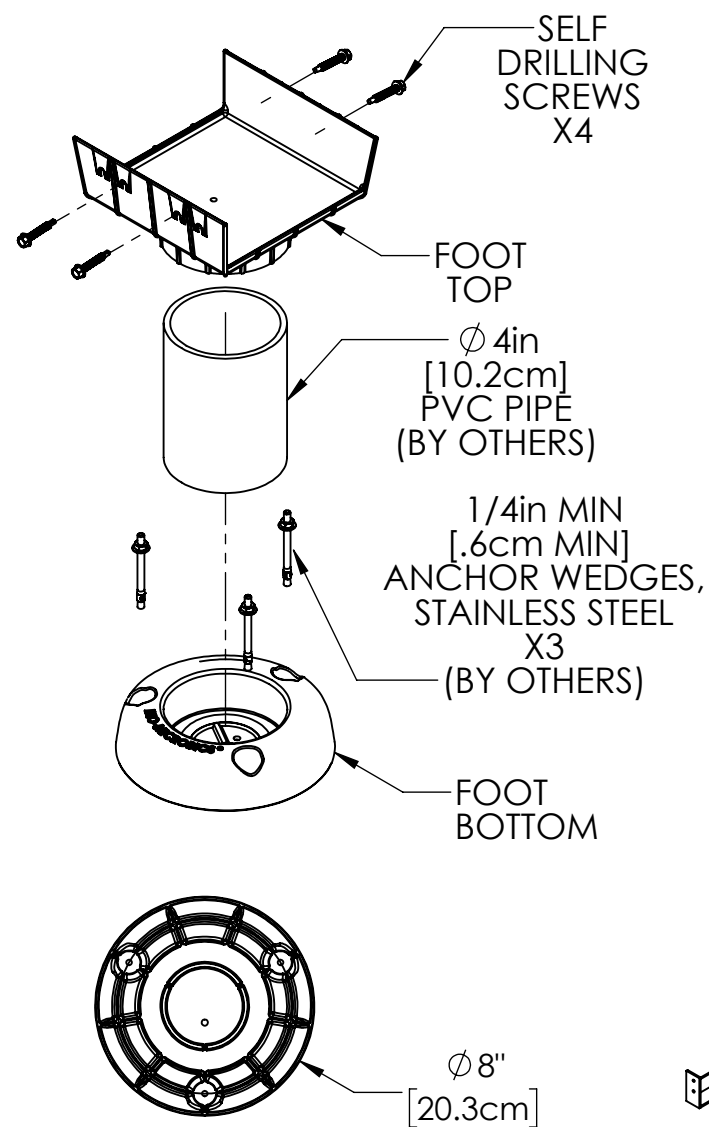
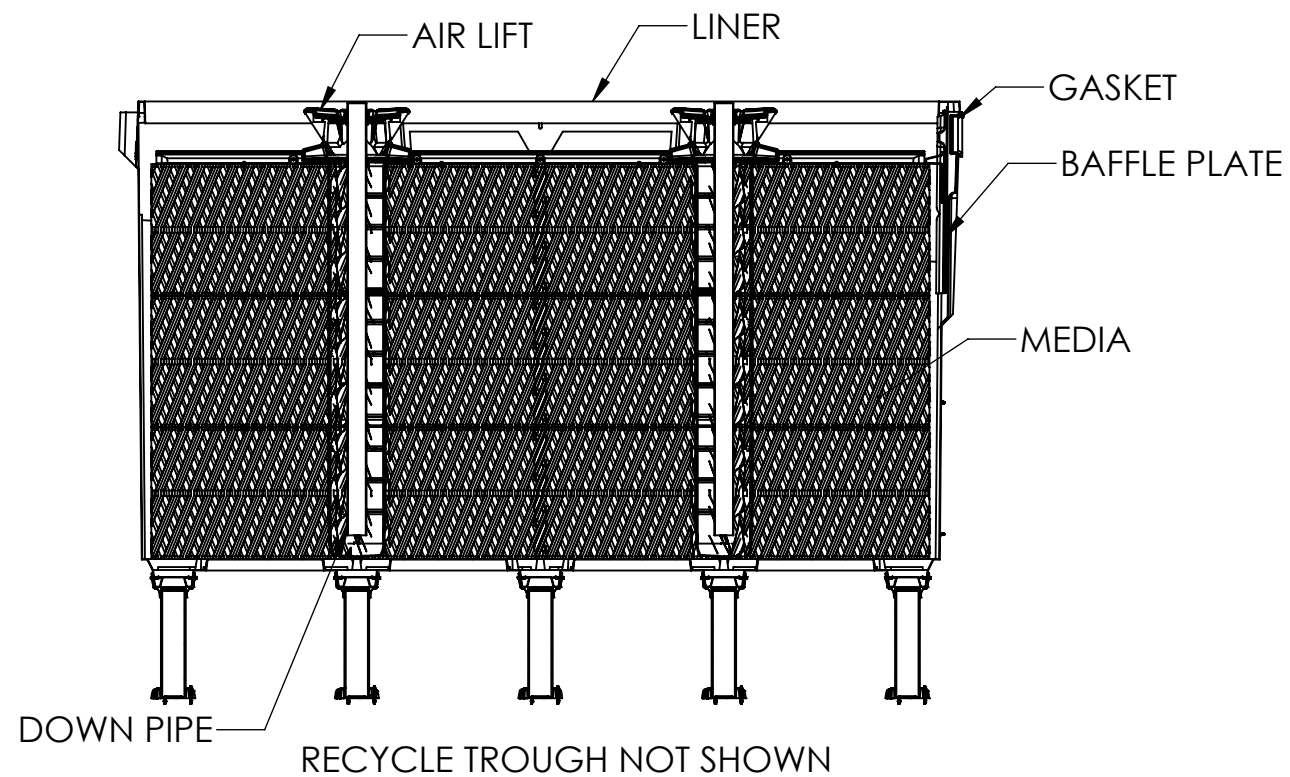



MyFAST® 8.0

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		DRAWN BY: ESG		DESCRIPTION MyFAST® 8.0	
		DATE: 12/14/2023			
SHEET 1 OF 7		APPROVED BY: MSH		PART NUMBER	
SCALE: 1:80	SIZE: B	APPROVED BY DATE: 12/14/2023		MyFAST 8.0	
				REV	-

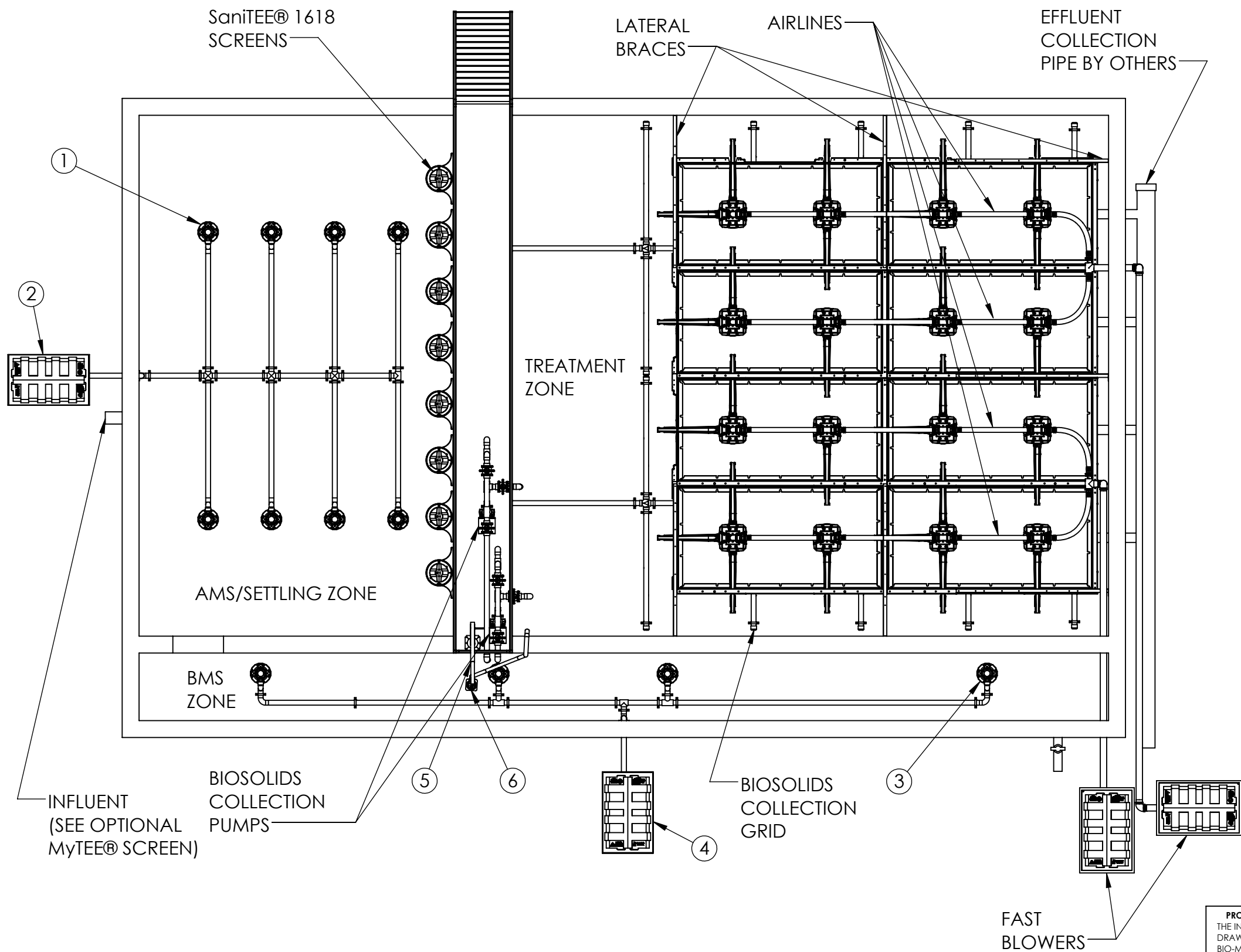


NOTES:

- ITEMS ARE DEPICTIONS AND MAY VARY IN APPEARANCE.

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SHEET 2 OF 7		DESCRIPTION MYFAST UNIT DETAILS			
SCALE: 1:32	SIZE: B	PART NUMBER MyFAST 8.0			REV

MyFAST® 8.0
with Optional MyTEE® Screen, AMS & BMS



Product Description & Layout
MyFAST® 8.0 BASIC

Designed to treat approximately 80,000 GPS [300 m3/day] of residential waste water. For non-residential or mixed use applications, contact factory for guidance.

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

OPTIONS

Aeration Management System (AMS)

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

1. (1) LIXOR® 8.0 XD
2. Blower & Blower housing

Biosolids Management System (BMS)


LIXOR® aeration system to reduce biosolids quantity.

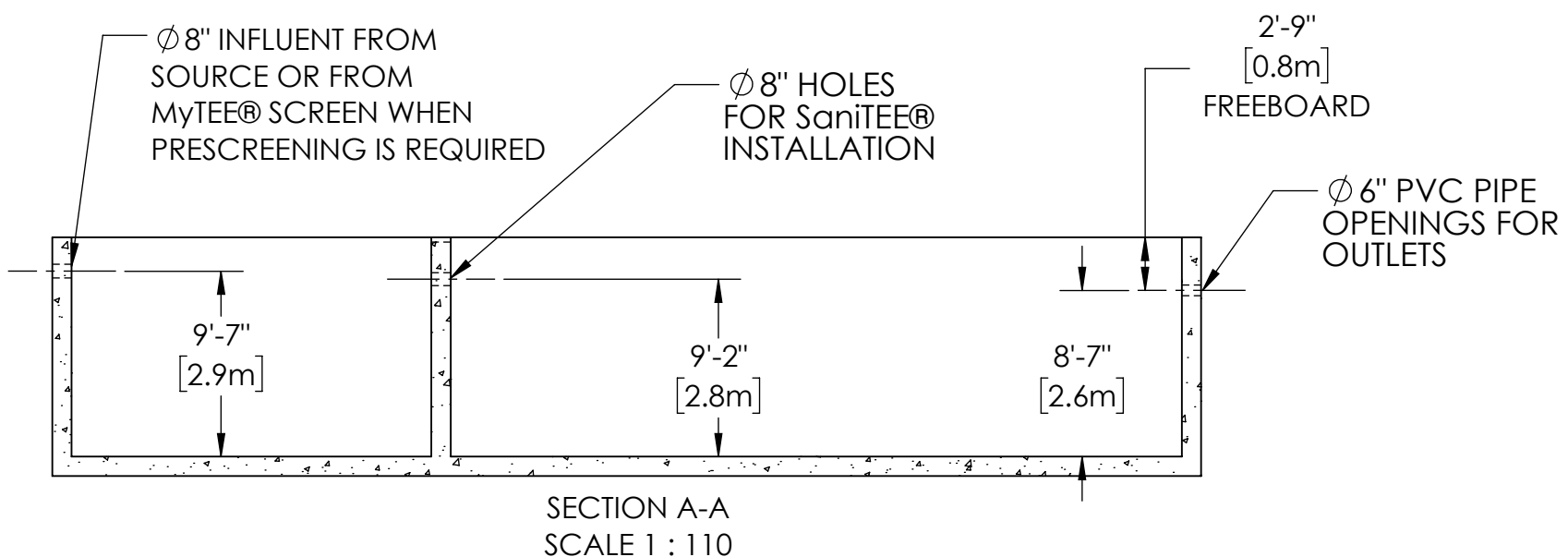
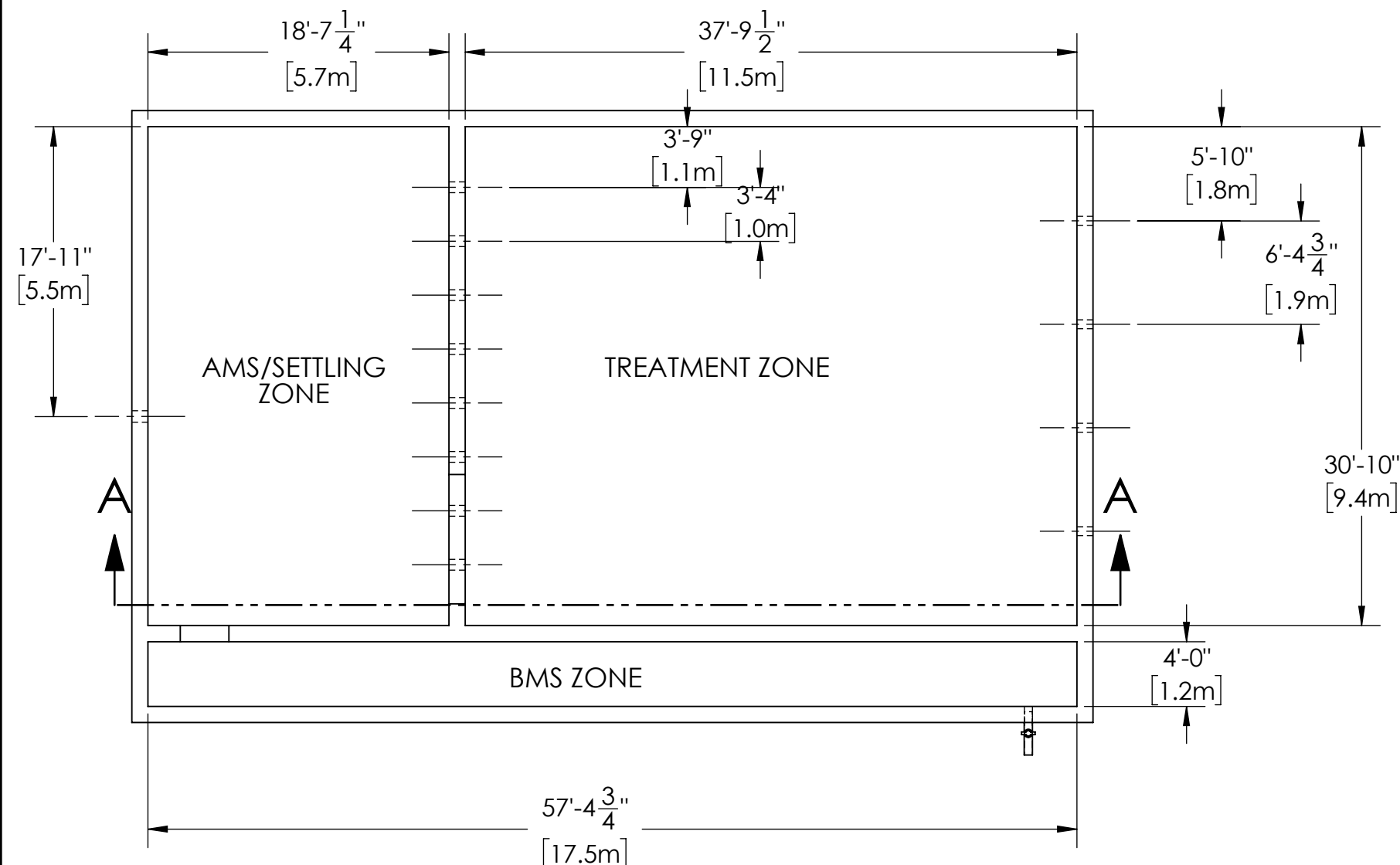
3. LIXOR® 4.0
4. Blower & Blower housing
5. Jib Crane
6. Decant Pump

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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		DRAWN BY: ESG			
		SHEET 3 OF 7		DATE: 12/14/2023	
APPROVED BY: MSH					
SCALE: 1:80	SIZE: B	APPROVED BY DATE: 12/14/2023		PART NUMBER MyFAST 8.0	REV -

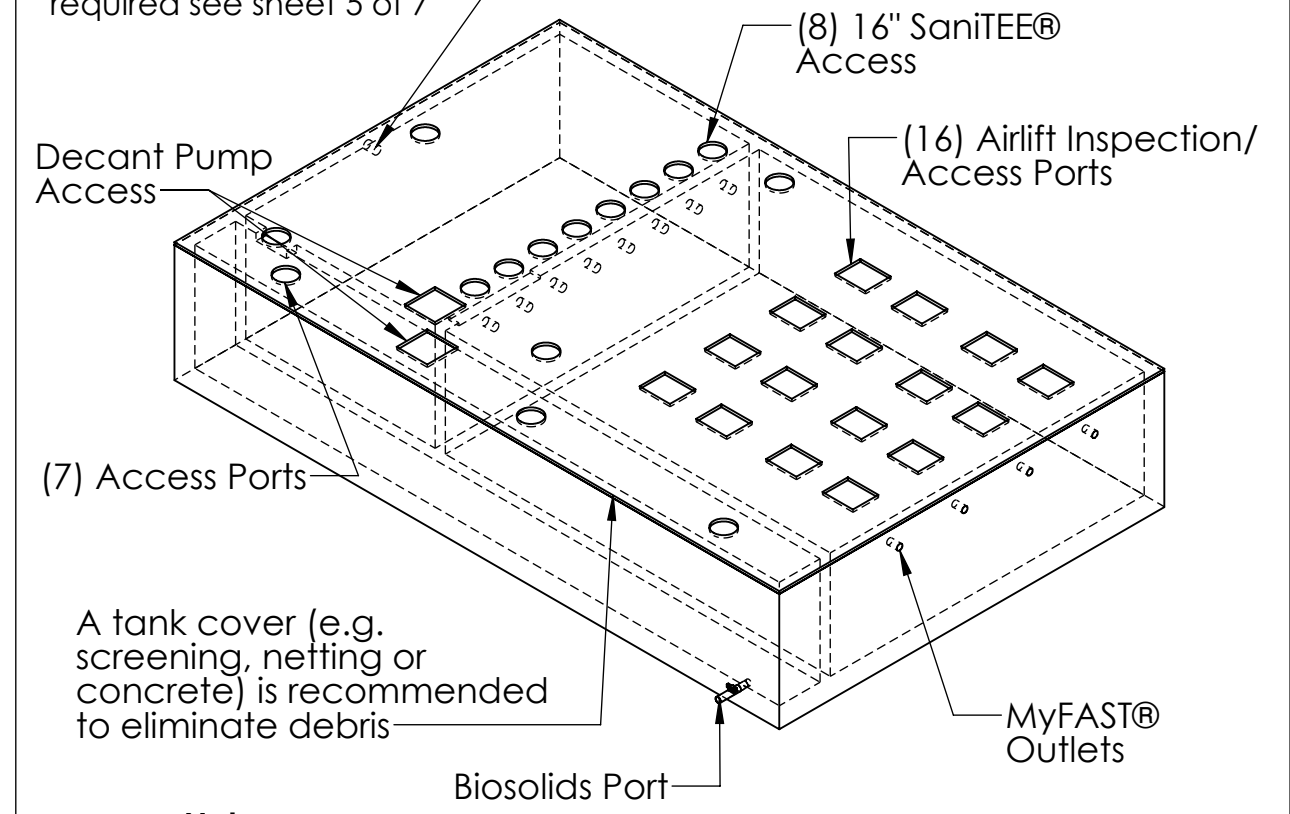


MyFAST® 8.0 Tank Details

Lid Access Requirements

detailed drawings available upon request


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

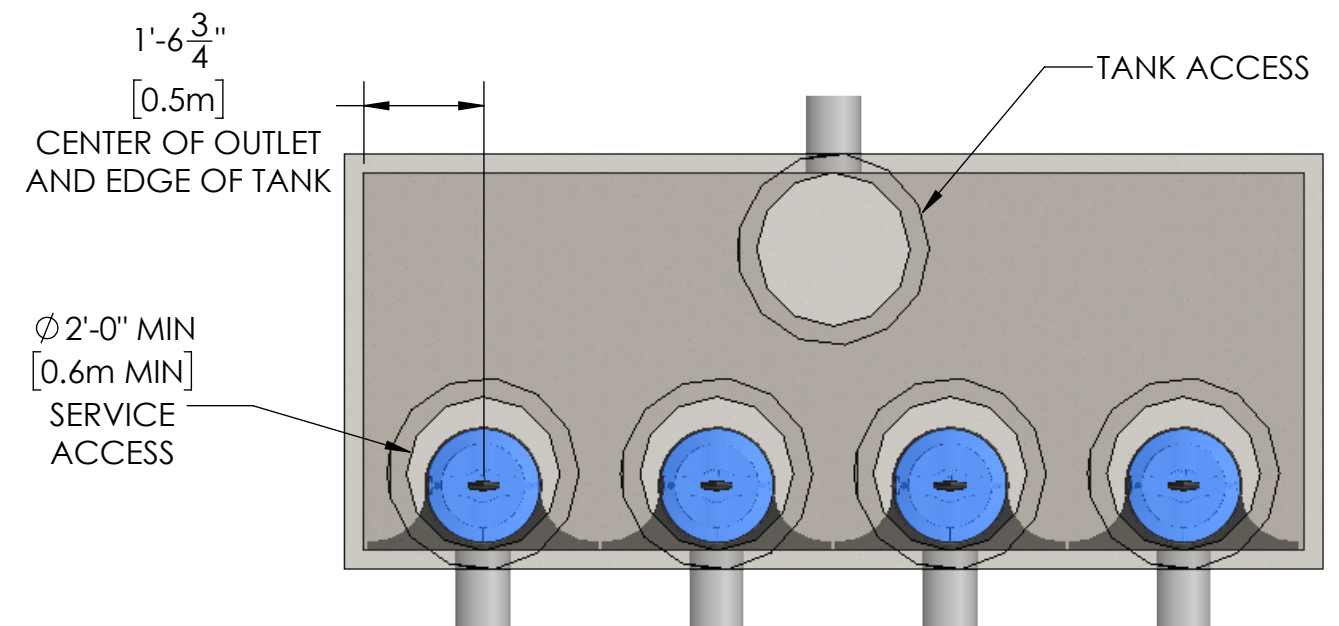
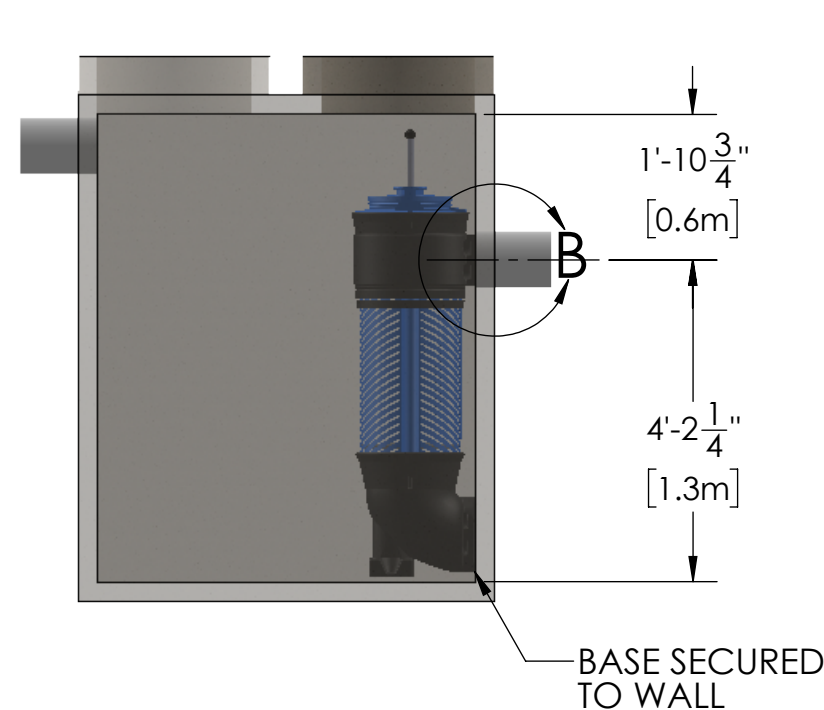
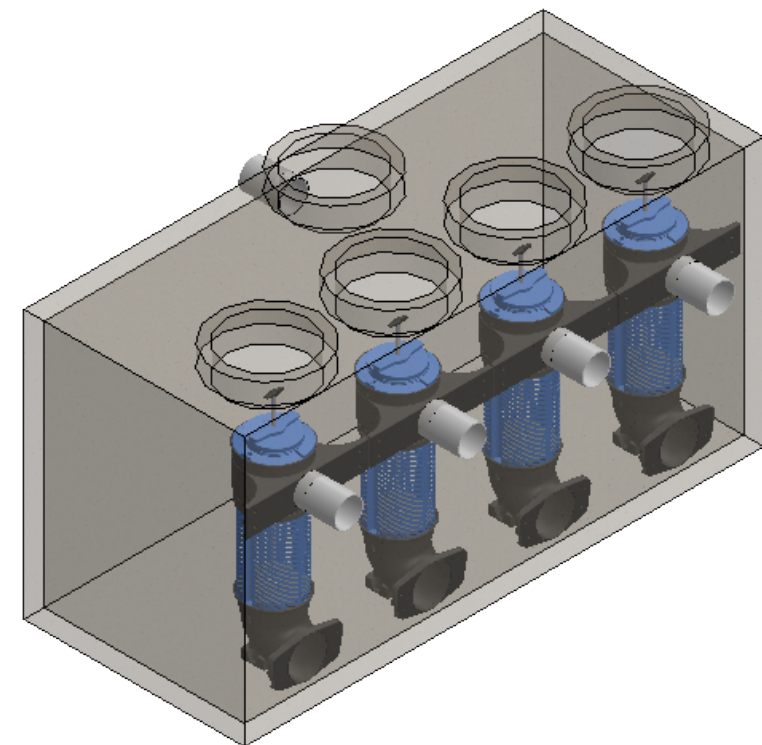


A tank cover (e.g. screening, netting or concrete) is recommended to eliminate debris

Notes:

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

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		<p>DRAWN BY:</p> <p>ESG</p>			
		<p>SHEET 4 OF 7</p> <p>SCALE: 1:80</p> <p>SIZE: B</p>		<p>DATE:</p> <p>12/14/2023</p>	
<p>APPROVED BY:</p> <p>MSH</p>					
				<p>APPROVED BY DATE:</p> <p>12/14/2023</p>	

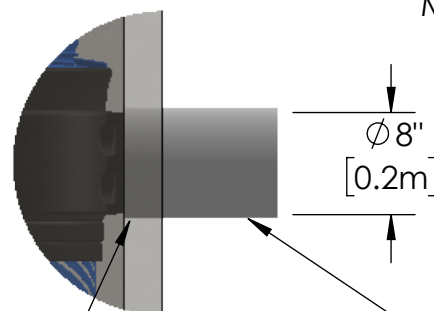


NOTES:

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. Emergency overflow must be sized to handle the designed peak flow event.
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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SHEET 5 OF 7

SCALE:
1:80

SIZE:
B

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND
TOLERANCES ARE AS FOLLOWS
X° ±1°
.X ± .50
.XX ± .25

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DATE:
12/14/2023

APPROVED BY:
MSH

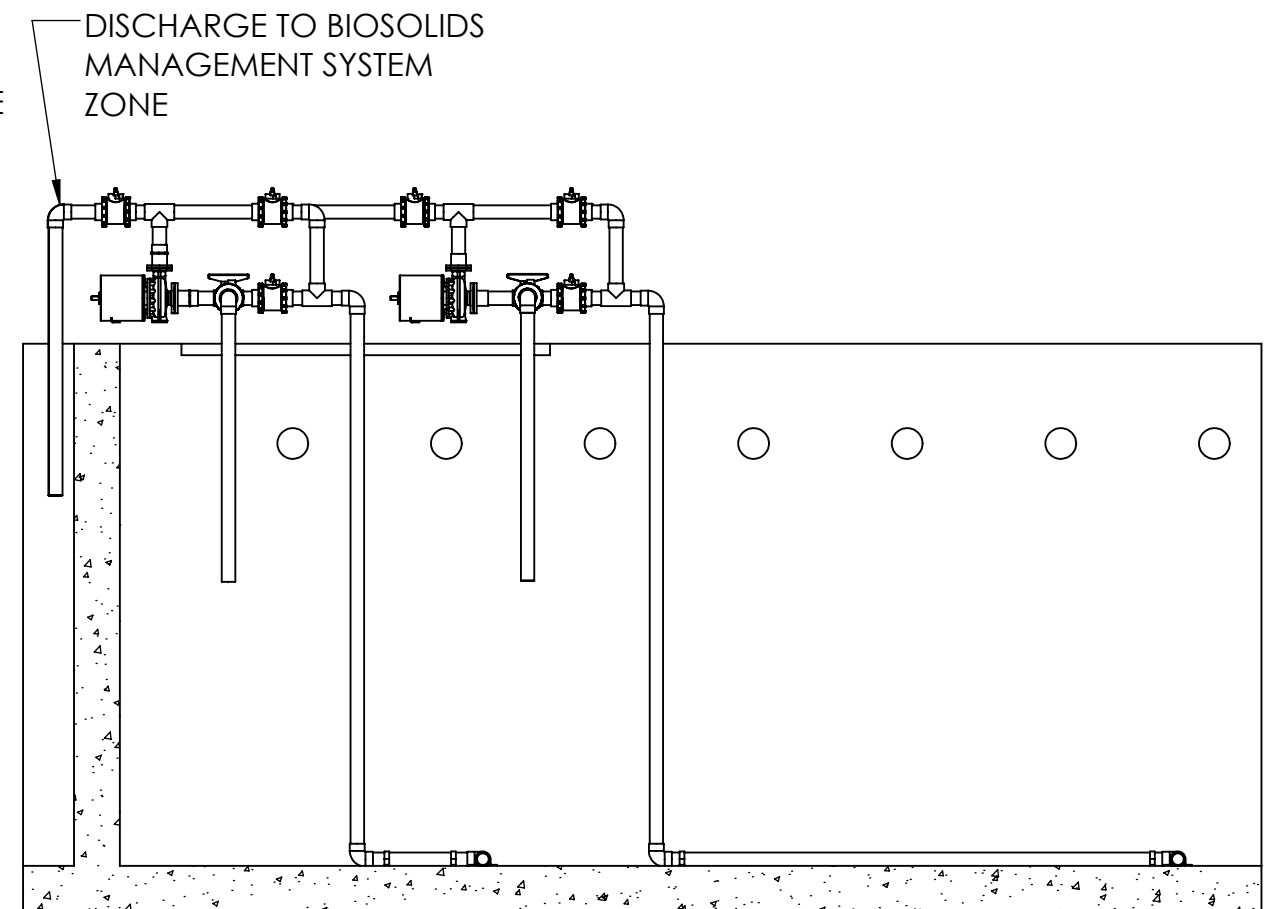
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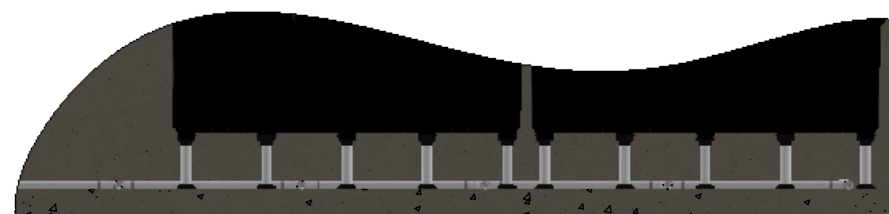
DESCRIPTION
MyTEE®


PART NUMBER
MyFAST 8.0

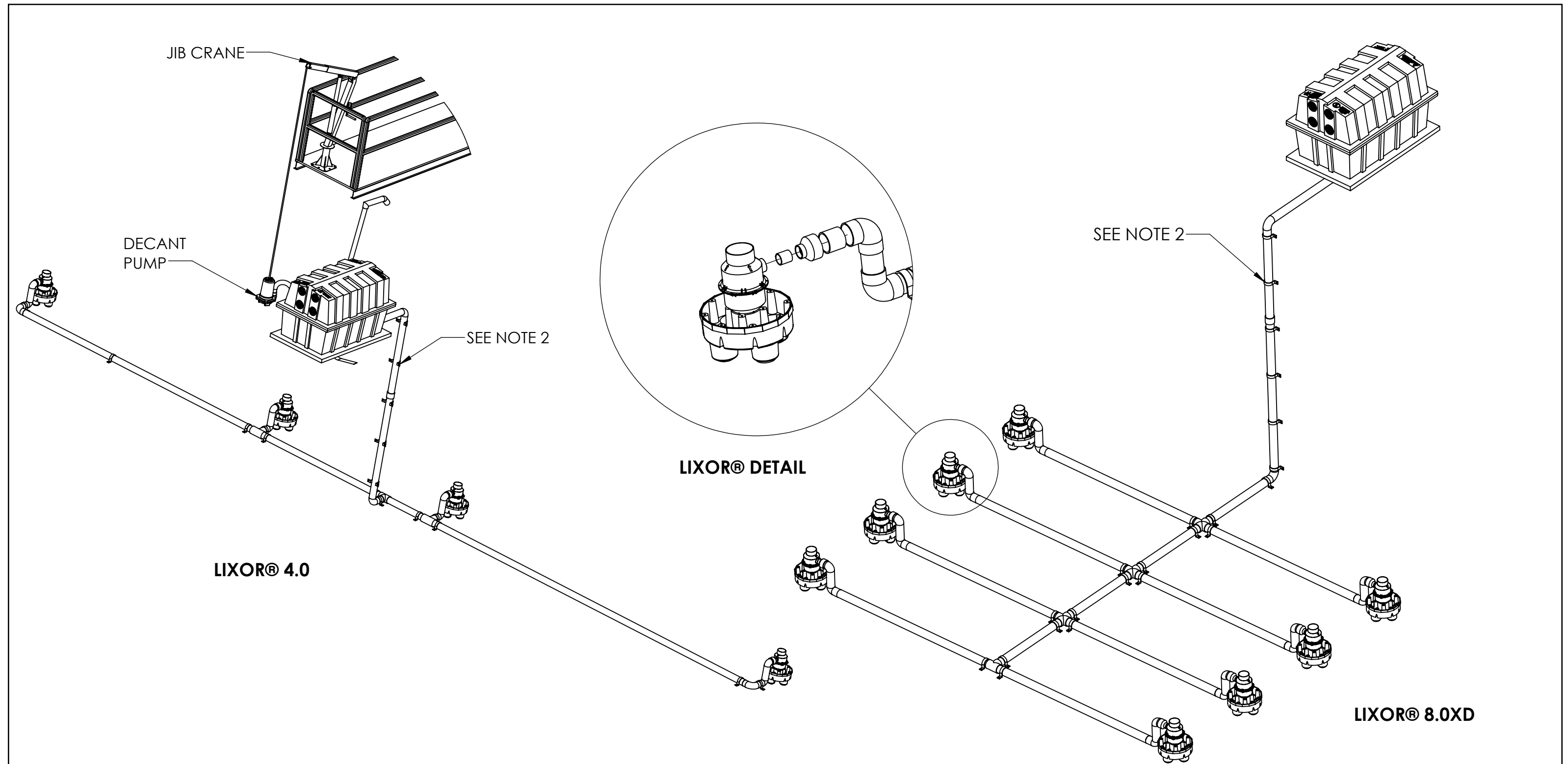
REV
-



NOTE:
ALL Ø3" PVC PIPE SHOWN
IN SECTION C-C WILL BE
PROVIDED BY BIOMICROBICS.




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DO NOT SCALE DRAWING		<p>DRAWN BY: ESG</p>		DESCRIPTION	
		<p>DATE: 12/14/2023</p>		<p>BIOSOLIDS COLLECTION SYSTEM</p>	
		<p>APPROVED BY: MSH</p>		PART NUMBER	
<p>SHEET 6 OF 7</p>		<p>APPROVED BY DATE: 12/14/2023</p>		<p>MyFAST 8.0</p>	
SCALE: 1:80	SIZE: B			REV -	



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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SHEET 7 OF 7		APPROVED BY: MSH			
SCALE: 1:80	SIZE: B	APPROVED BY DATE: 12/14/2023		PART NUMBER MyFAST 8.0	REV -