
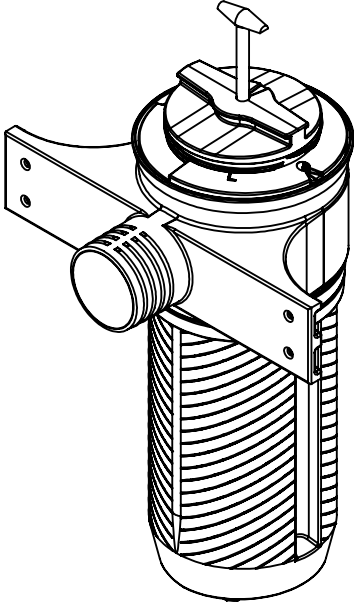
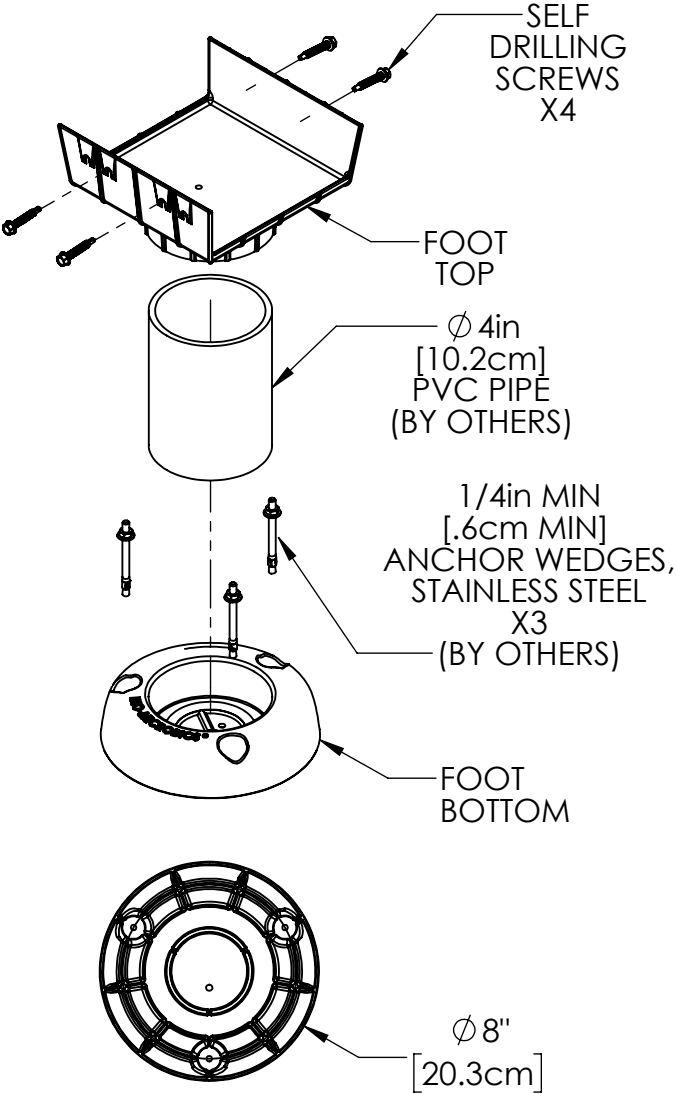
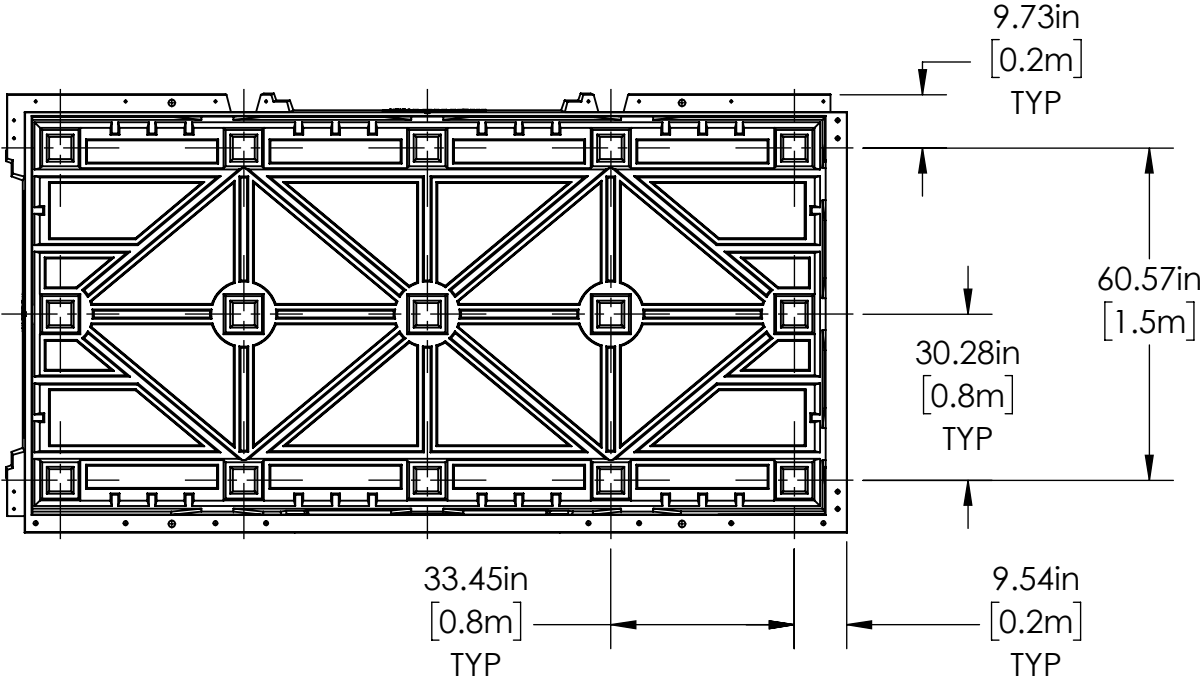
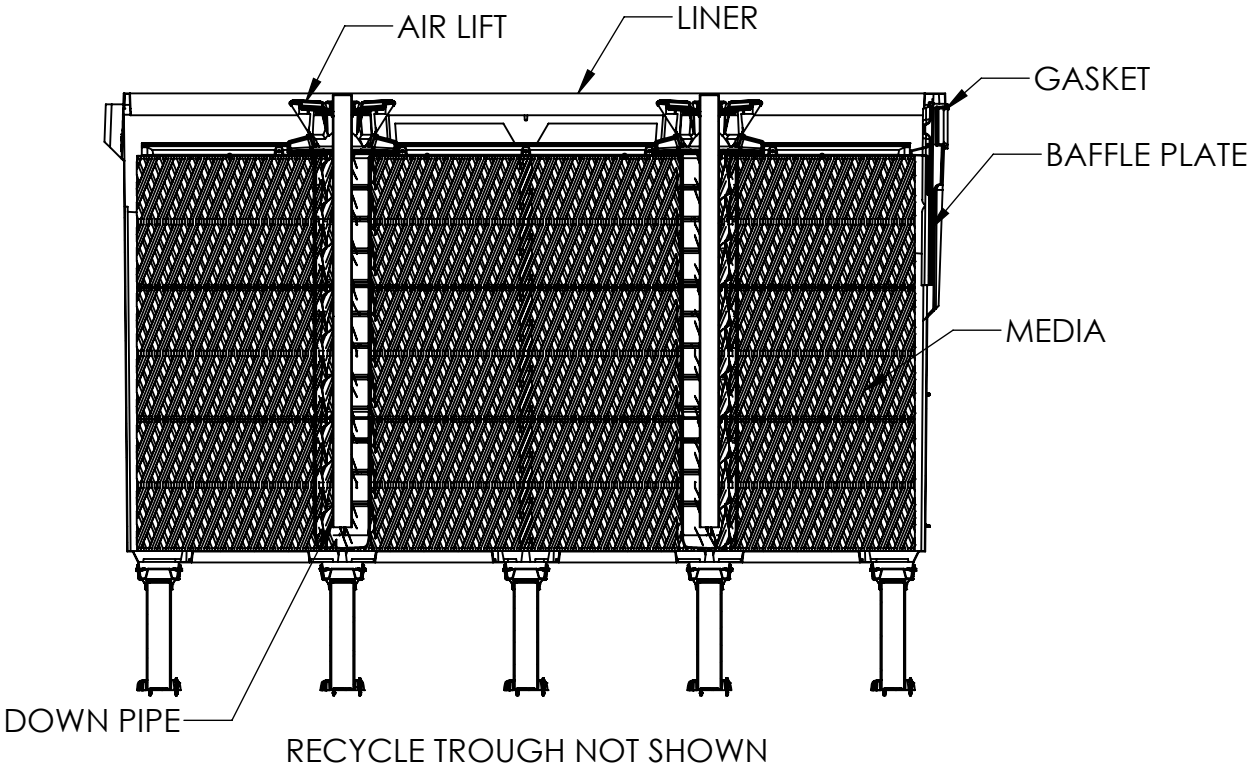
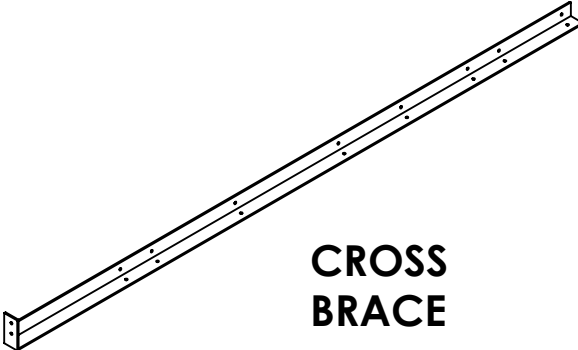


MyFAST® 16.0

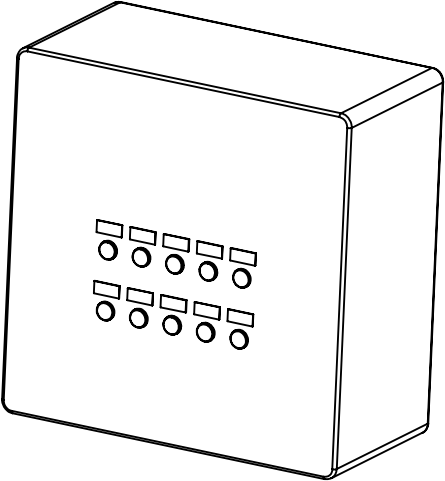
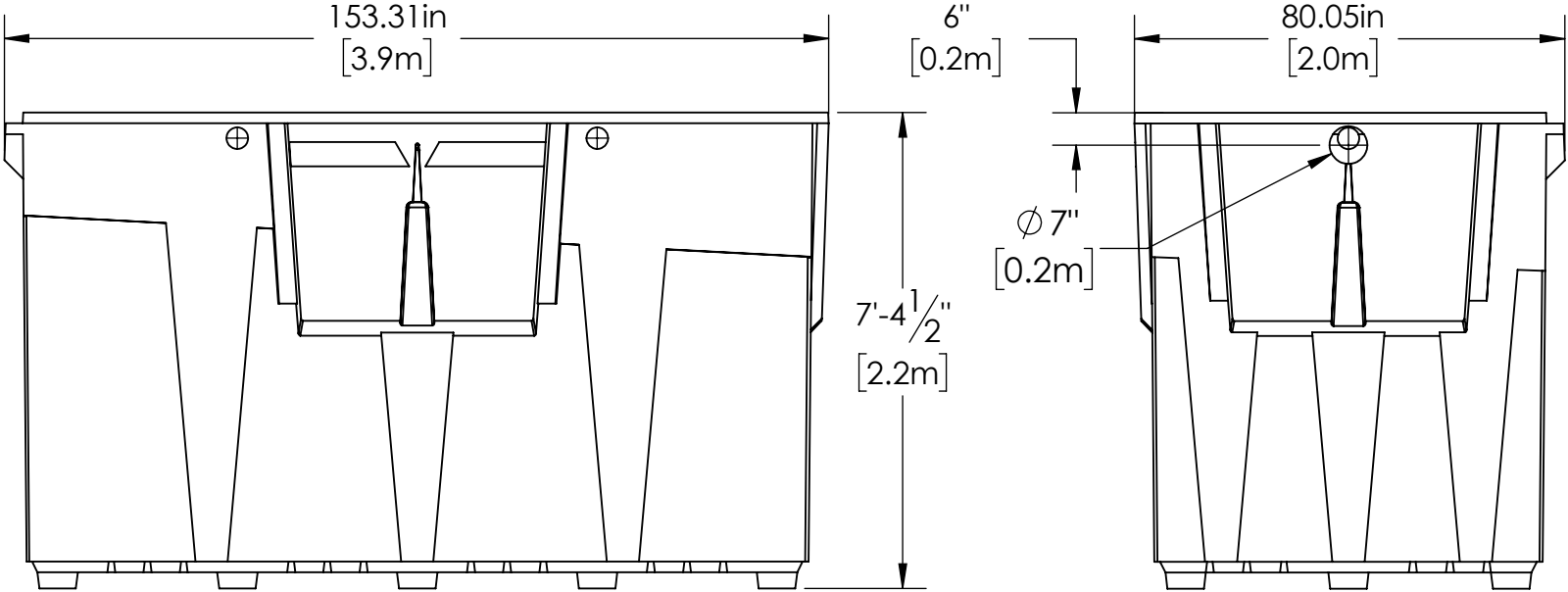
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		<p>DRAWN BY:</p> <p>ESG</p>			
		<p>SHEET 1 OF 7</p>		<p>DATE:</p> <p>3/20/2024</p>	
<p>APPROVED BY:</p> <p>MSH</p>					
<p>SCALE:</p> <p>1:256</p>	<p>SIZE:</p> <p>B</p>			<p>APPROVED BY DATE:</p> <p>3/20/2024</p>	



SANITEE




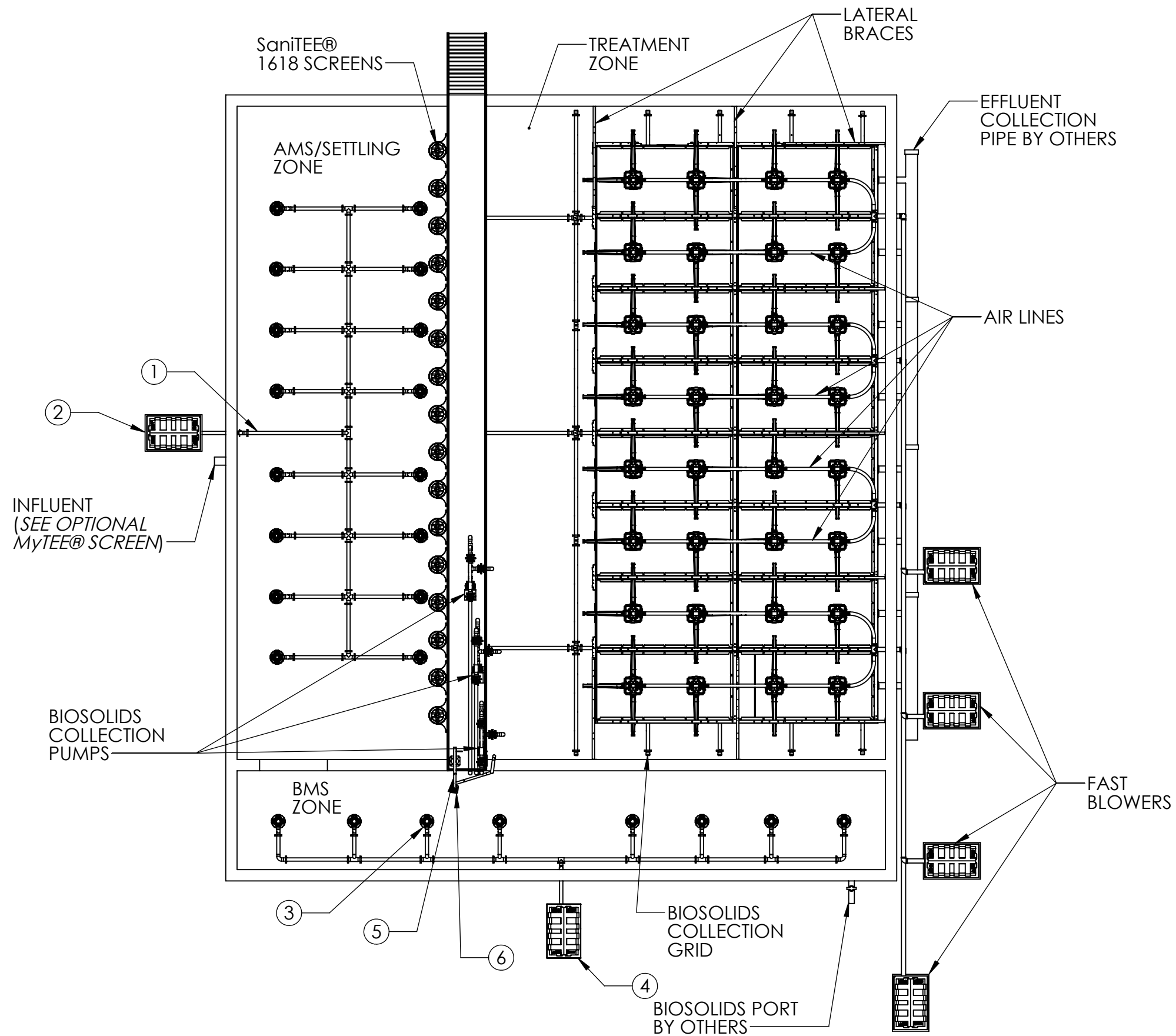
CROSS BRACE



CONTROL PANEL

NOTES:
1. ITEMS ARE DEPICTIONS AND MAY VARY IN APPEARANCE.

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DO NOT SCALE DRAWING		DRAWN BY: ESG	DESCRIPTION MYFAST UNIT DETAILS	
SHEET 2 OF 7		DATE: 3/20/2024	PART NUMBER MYFAST 16.0	
SCALE: 1:256		APPROVED BY: MSH	REV -	
SIZE: B		APPROVED BY DATE: 3/20/2024		



Product Description & Layout MyFAST® 16.0 BASIC

Designed to treat approximately 160,000 GPD (600 m3/day) of residential waste water. For non-commercial or mixed use applications, contact factory for guidance.

- (16) MyFAST® Liners
- (16) SaniTEE® 1618 Screens
- Blowers & Blower Housings
- Control Panel
- Air Distribution Assembly
- (3) Biosolids Collection Grids
- (3) Biosolids Collection Pumps valves and manifolds
- (9) Lateral Braces

OPTIONS

Aeration Management System (AMS)

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

1. (1) LIXOR® 16.0XD
2. Blower & Blower Housing

Biosolids Management System (BMS)


LIXOR® aeration system to reduce biosolids quantity.

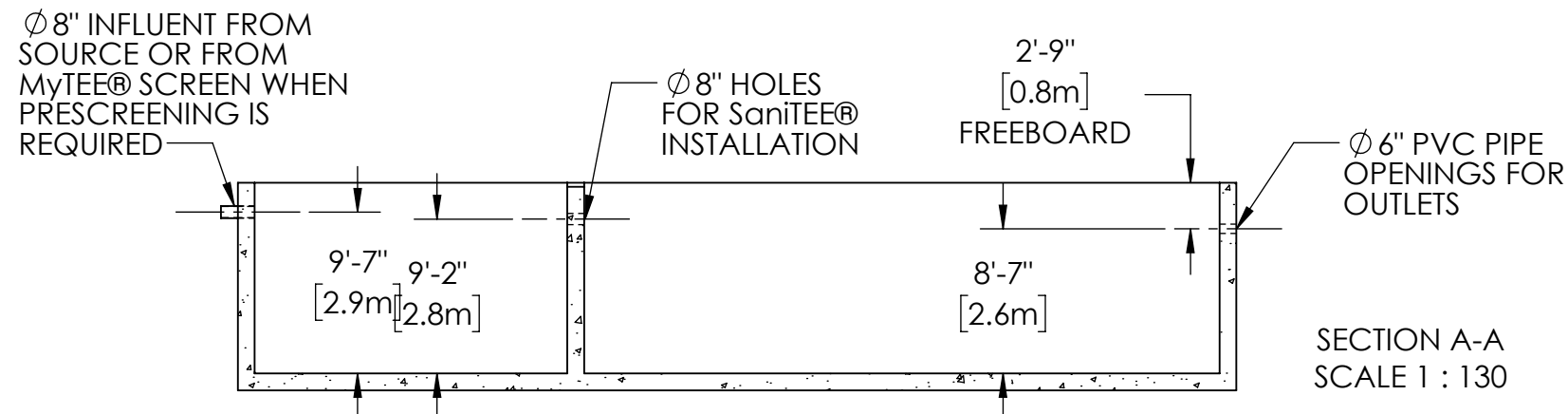
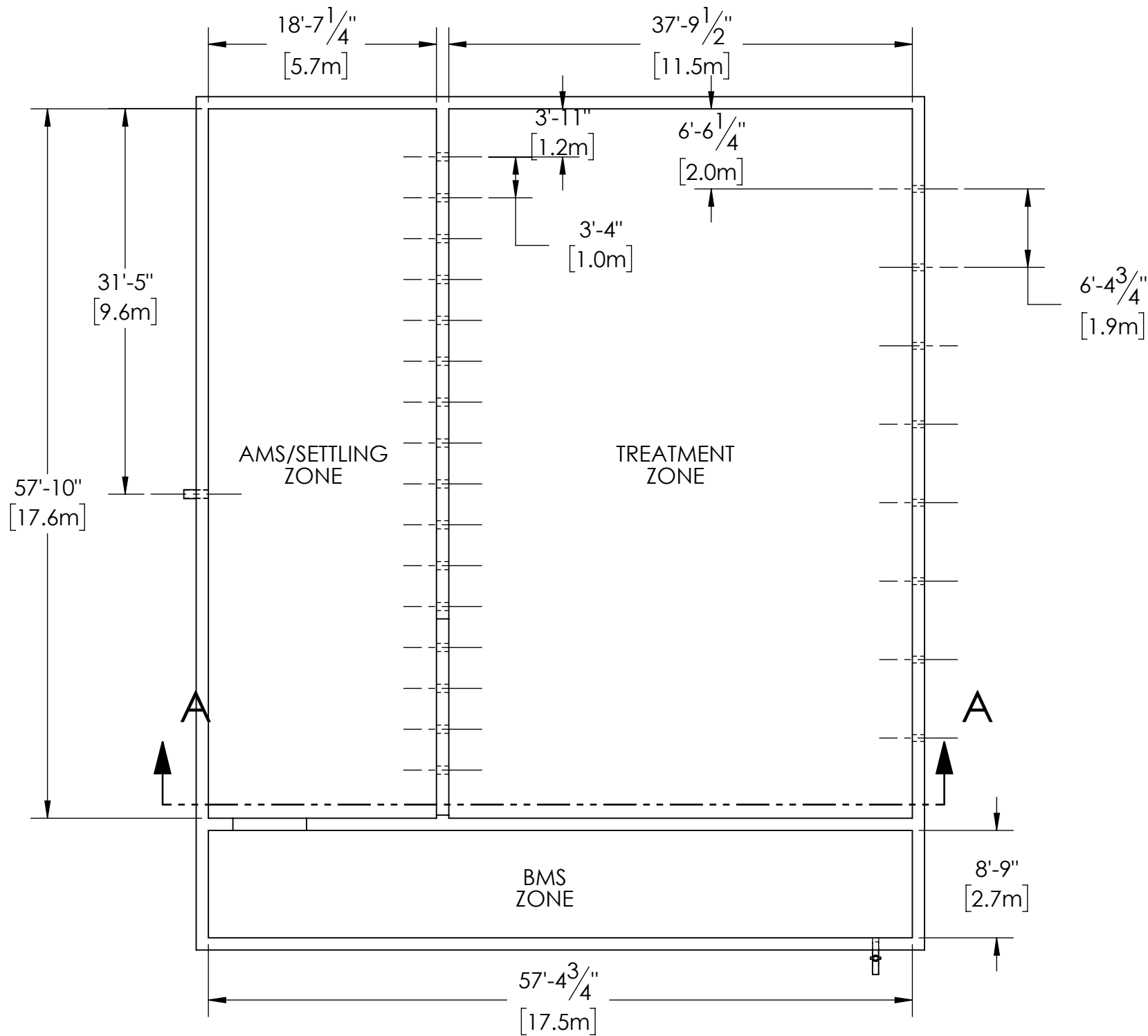
3. LIXOR® 8.0
4. Blower & Blower Housing
5. Jib Crane
6. Decant Pump

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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		<p>DRAWN BY:</p> <p>ESG</p>		<p>DESCRIPTION</p> <p>LAYOUT</p>	
		<p>DATE:</p> <p>3/20/2024</p>		<p>PART NUMBER</p> <p>MYFAST 16.0</p>	
<p>APPROVED BY:</p> <p>MSH</p>		<p>REV</p> <p>-</p>			
<p>SHEET 3 OF 7</p>		<p>APPROVED BY DATE:</p> <p>3/20/2024</p>			
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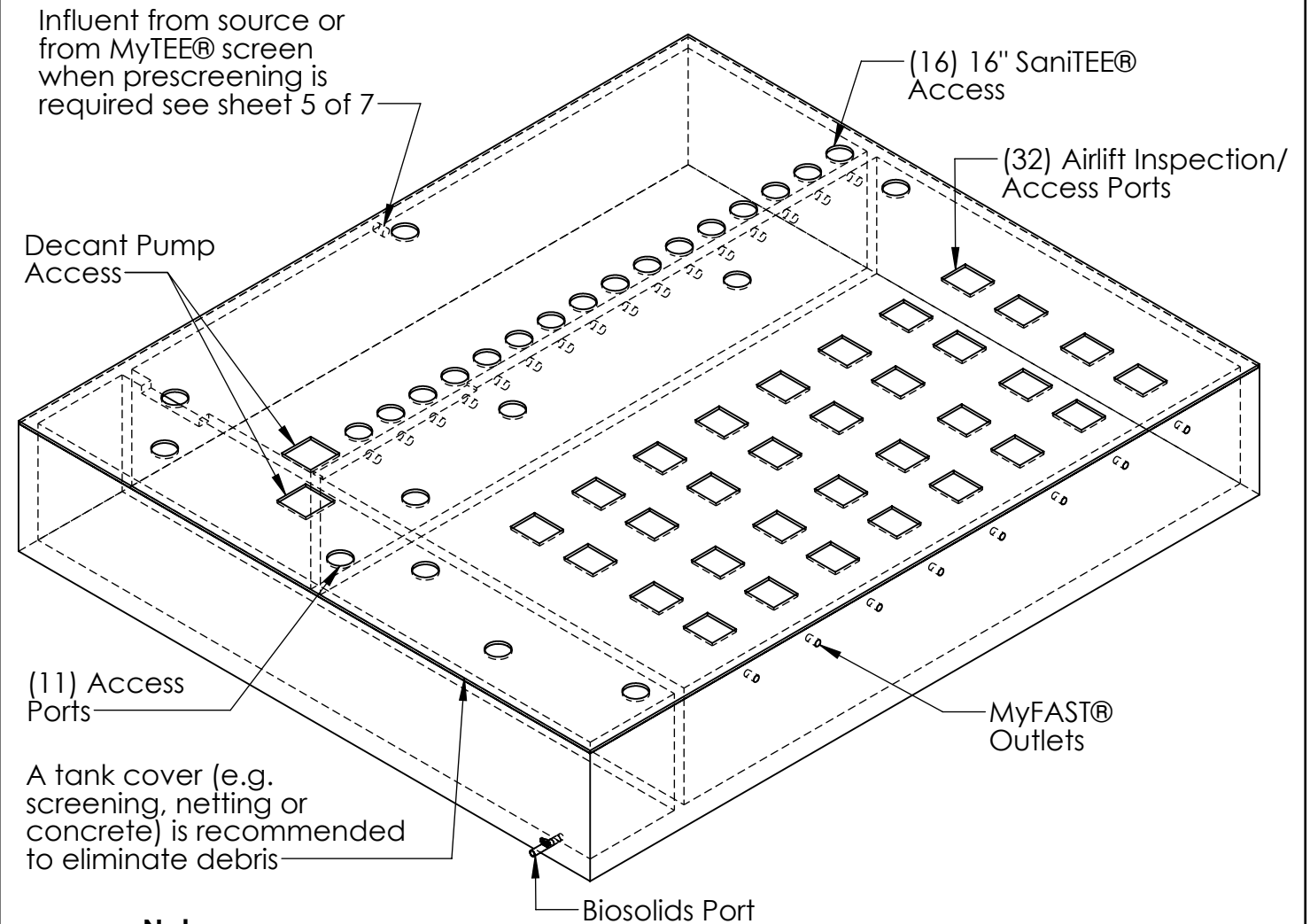


SECTION A-A
SCALE 1 : 130

MyFAST® 16.0 Tank Details


Lid Access Requirements

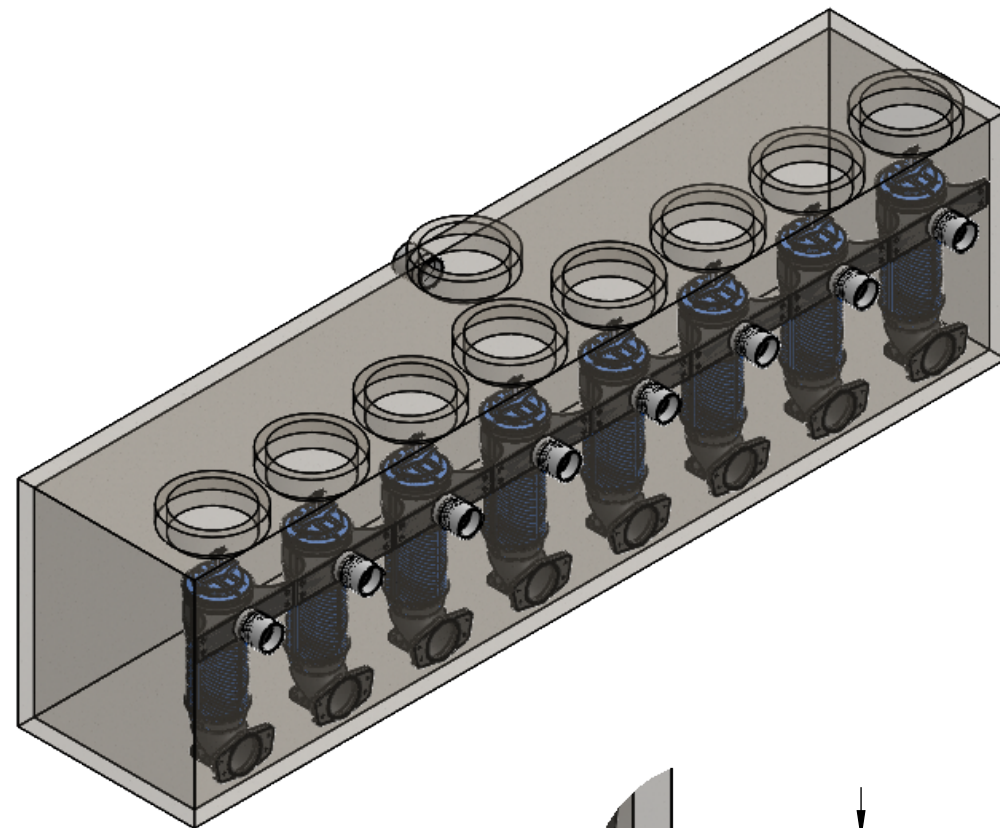
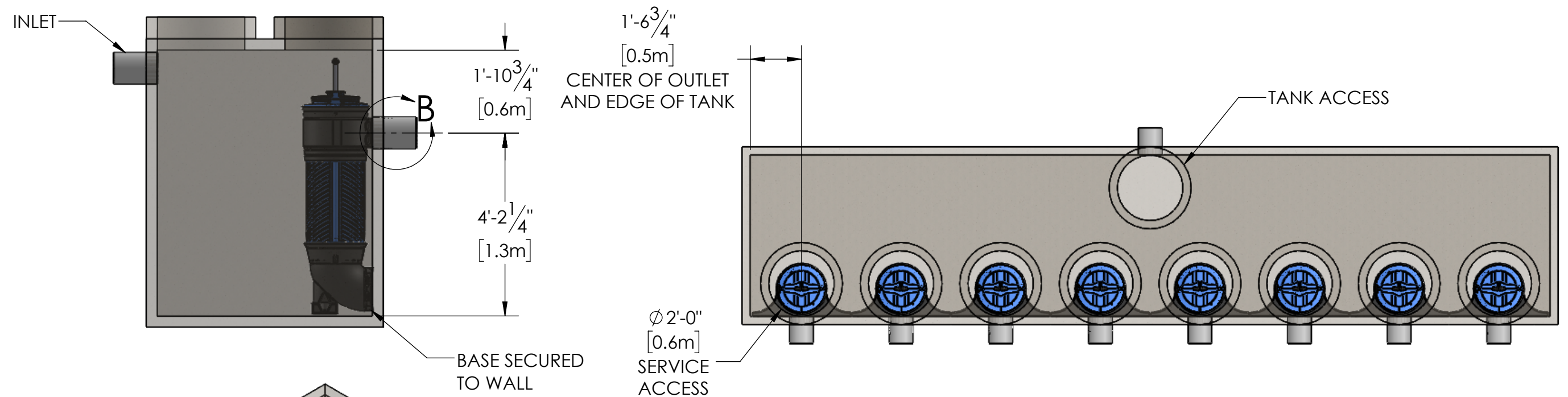
detailed drawings available upon request



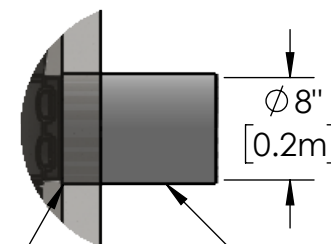
Notes:

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

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		<div>DRAWN BY:</div> <div>ESG</div>		<div>DESCRIPTION</div> <div>TANK DETAILS</div>	
		<div>DATE:</div> <div>3/20/2024</div>			
<div>SHEET 4 OF 7</div>		<div>APPROVED BY:</div> <div>MSH</div>		<div>PART NUMBER</div> <div>MYFAST 16.0</div>	
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IF INSTALLED AS SHOWN IN A SINGLE COMPARTMENT TANK THE 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
8" PVC PIPE PROVIDED
BY OTHERS TO CONNECT
OUTLET TO SECONDARY
TANK

NOTES:

1. MyTEE® screens provide separation of non-biological solids and grit.
2. Each 1638 MyTEE® unit should be placed under a Ø 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

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SHEET 5 OF 7

SCALE:
1:30

SIZE:
B

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

DRAWN BY:
ESG

DATE:
3/20/2024

APPROVED BY:
MSH

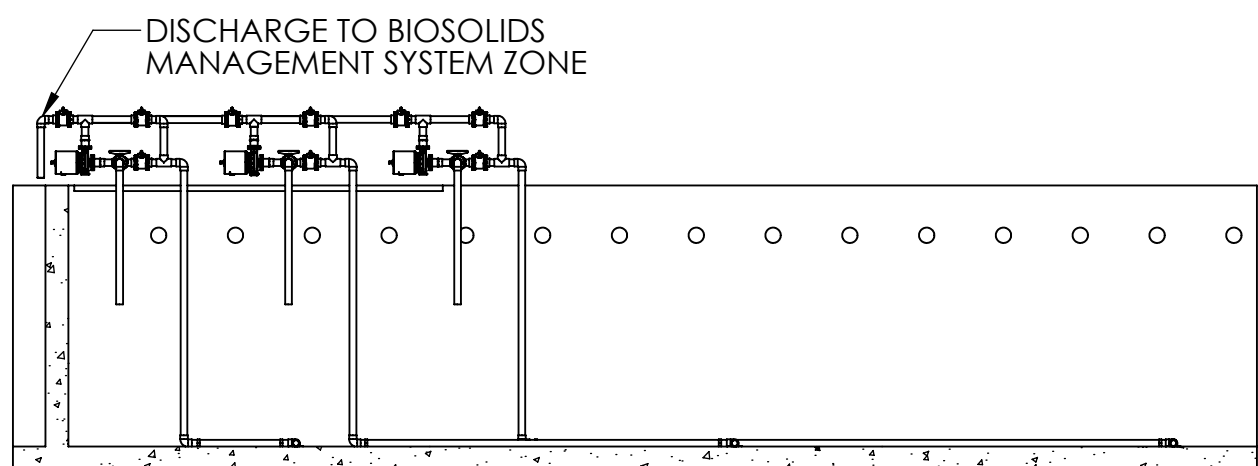
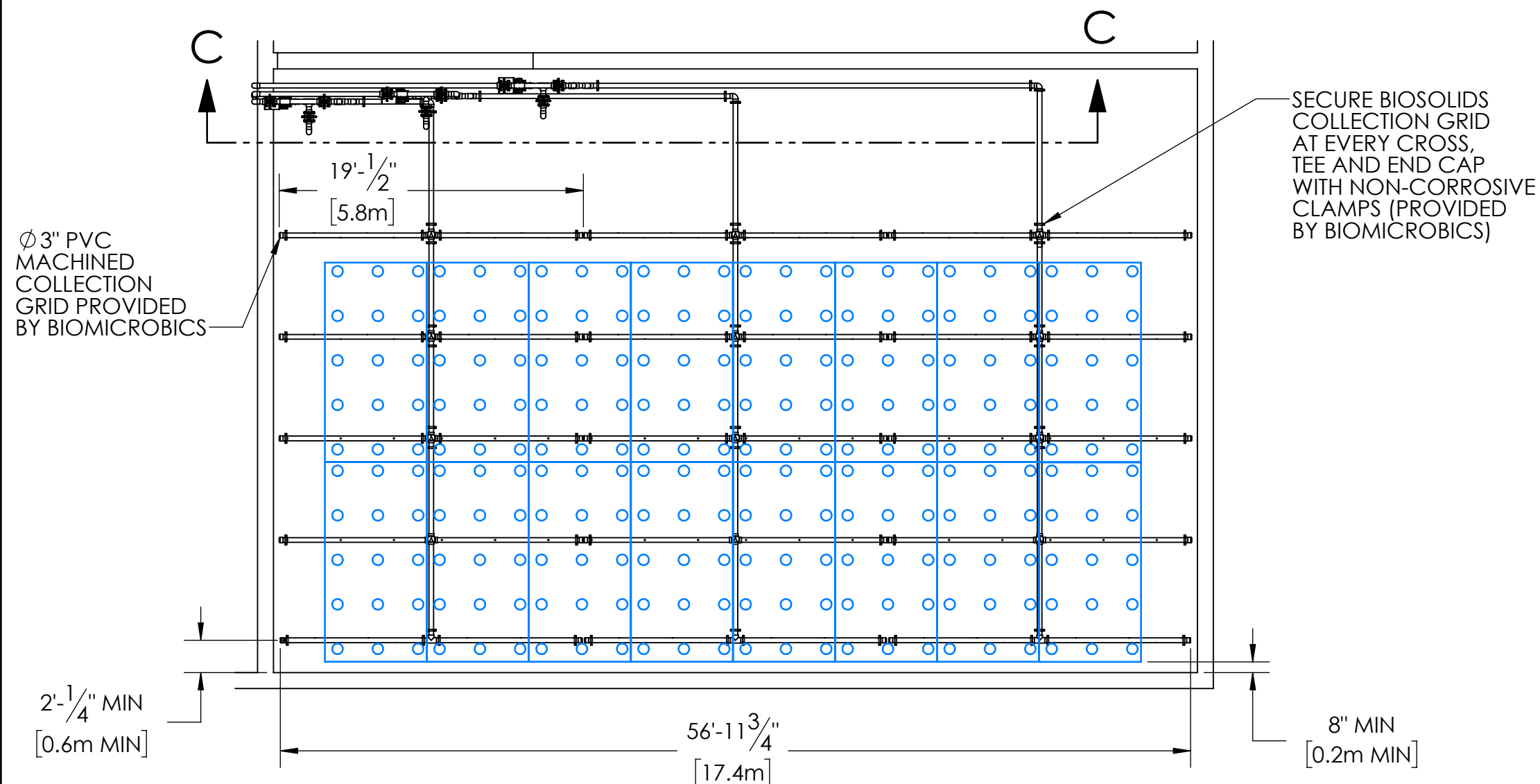
APPROVED BY DATE:
3/20/2024



DESCRIPTION
MyTEE®

PART NUMBER
MYFAST 16.0

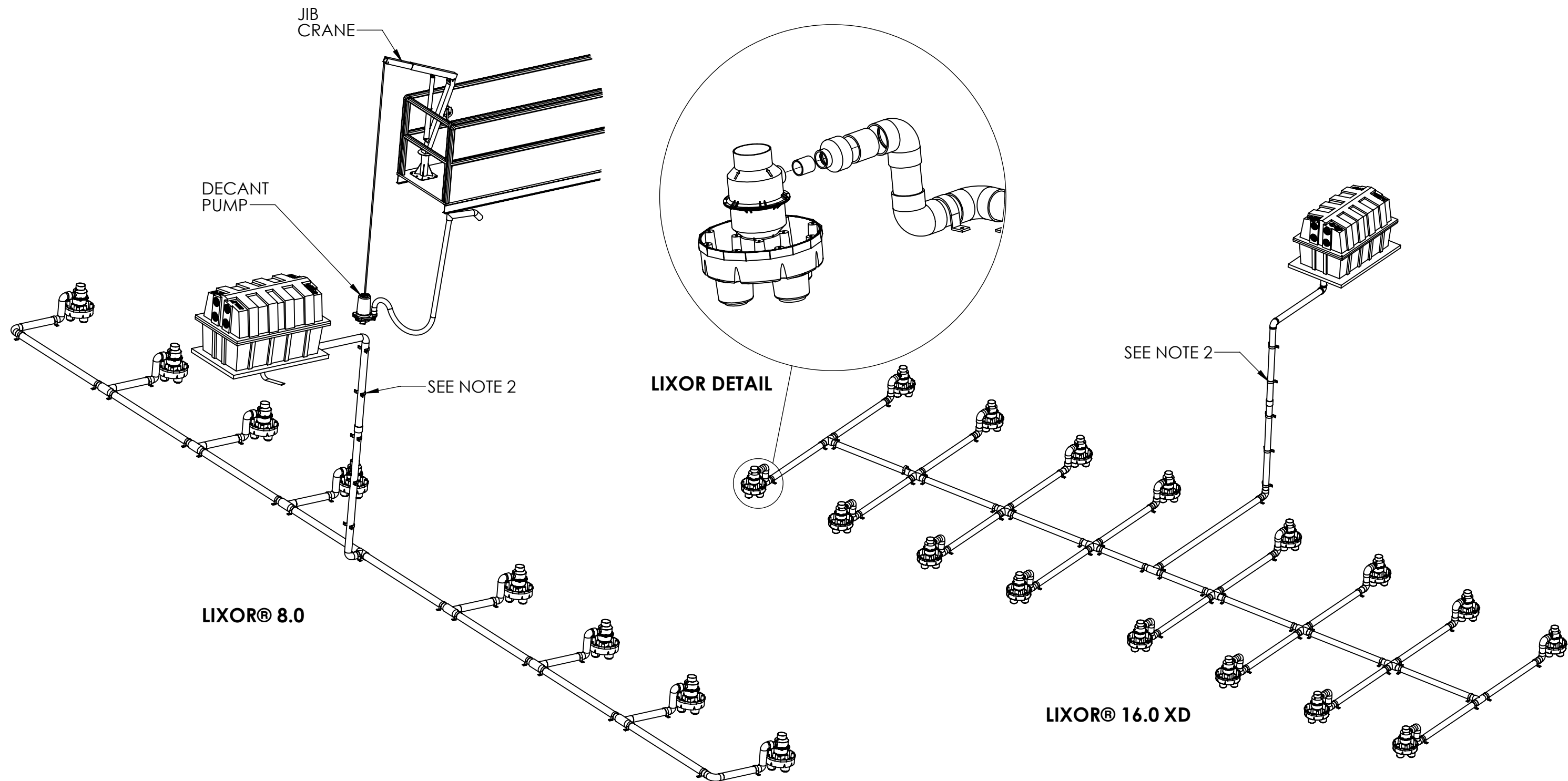
REV
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SECTION C-C


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

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		<div>DRAWN BY:</div> <div>ESG</div>		<div>DESCRIPTION</div> <div>BIOSOLIDS COLLECTION SYSTEM</div>	
		<div>DATE:</div> <div>3/20/2024</div>			
<div>SHEET 6 OF 7</div>		<div>APPROVED BY:</div> <div>MSH</div>		<div>PART NUMBER</div> <div>MYFAST 16.0</div>	
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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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		DRAWN BY: <div>ESG</div>			
		DATE: <div>3/20/2024</div>		DESCRIPTION <div>OPTIONS</div>	
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