NOTES

1. Blower piping to FAST® may not exceed 100 FT [30.5m] total length and use a maximum of 4 elbows in the piping system. For distances greater than 100 FT [30m] consult factory. Blower must be located above flood levels on a concrete base.

2. Vent to be located above finish grade or higher to avoid infiltration. Cap with a vent grate at least 39.5 sq. in. of open surface area. Secure with Stainless steel screws (see sheet 3 of 3 FAST® Details).

3. All appurtenances to FAST® (e.g. tank pump outs, etc.) must conform to all applicable country, state, province, and local plumbing and electrical codes. Blower control system by Bio-Microbics, Inc.

4. Tank volume must be increased by 20% if minimum of 15 inches [38 cm] is used between the unit and the base of the tank. Consult factory for approval.

5. Additional recycling to primary settling area or flow equalization may be required for denitrification.

6. If utilizing a dual compartment tank either the influent pipe tee shall be fitted with a pipe cap or the baffle separating the two zones shall be extended all the way to the top of the tank. If choosing to use the pipe cap: drill a 1/4” [0.6cm] vent hole in the cap, and the baffle wall shall be at least 3” [8cm] higher than the water level.

7. All inspection, viewing and pump out ports must be secured to prevent accidental or unauthorized access.

8. Tank, piping, conduit, blower housing pad and vents are provided by others.

9. All piping and ancillary equipment installed after FAST® must not impede or restrict free flow of effluent.

10. The air supply line into the FAST® unit must be secured to prevent vibration induced damage. The air supply line should be secured with a non-corrosive clamp every 2’ min [60cm]. See Air Supply on sheet 3 of 3 FAST® Details.

11. Refer to sheet 3 of 3 FAST® Details drawing for leg extensions requirements.

12. See sheet 2 of 3 for required dimensions.
<table>
<thead>
<tr>
<th>Unit Size</th>
<th>A MIN</th>
<th>B MIN</th>
<th>H MIN</th>
</tr>
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<tr>
<td>4.5</td>
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A MIN | MIN Settling Zone (Liquid Capacity)

B MIN | MIN FAST® Chamber (Liquid Capacity)

H MIN | MIN Height from base of tank to Center of outlet
Air supply line utilizing galvanized or stainless steel piping from the blower housing to the treatment tank provided by others.

Concrete base provided by others.

Electrical conduit to Bio-Microbics® control panel.

Air supply line inside of the treatment tank must be made of non-corrosive material. Do not use galvanized pipe.

Non-corrosive clamp provided every 24" by others.

Semi flexible air line connections with 3" Ø stainless steel MPT fitting provided by Bio-Microbics®.

Notes:
1. Secure leg extension to the FAST® unit by placing two non-corrosive screws on each side of the leg extension (4 screws per foot are included).
2. To obtain the desired height of leg cut 4" [10] schd. 40 PVC pipe (not included). Minimum pipe length of 11.7" [30]; For heights greater than 18" [45.7] use schd. 80 PVC pipe [not included]. Consult factory for extending leg beyond 36" [91].
3. Anchor the leg extensions to the tank with non-corrosive hardware (not included) at the provided mounting points.
4. Increase minimum treatment tank volume by 20% if minimum leg extension is used.
5. The air supply line into the FAST® unit must be secured so as to prevent damage from pipe vibration. See all notes on FAST® drawing.
6. Tank, anchors, piping conduit, blower, housing pad and vents are provided by others.

Minimum leg extension assembly see note 2, 3, & 4.

2 screws per side included.

11.7 MIN [30 MIN]

Secure with non corrosive hardware.