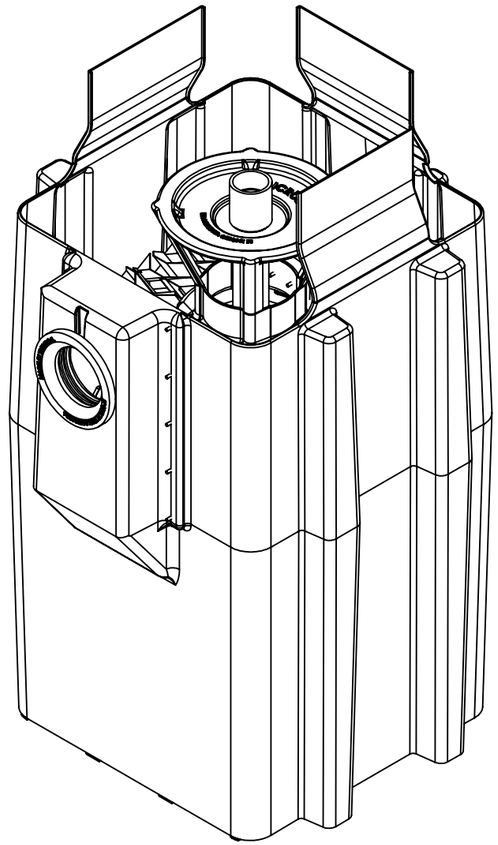
REVISIONS		
REV.	DESCRIPTION	DATE
D	RELEASED TO CURRENT	8/1/2022



RetroFAST® 0.150

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DO NOT SCALE DRAWING

SHEET 1 OF 6

SCALE: 1:8

SIZE: B

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

DRAWN BY: ESG

DATE: 8/1/2022

APPROVED BY: MSH

APPROVED BY DATE: 8/1/2022

BIO MICROBICS
BETTER WATER. BETTER WORLD.

DESCRIPTION
RetroFAST® 0.150

PART NUMBER
600-FINRTF0.150

REV
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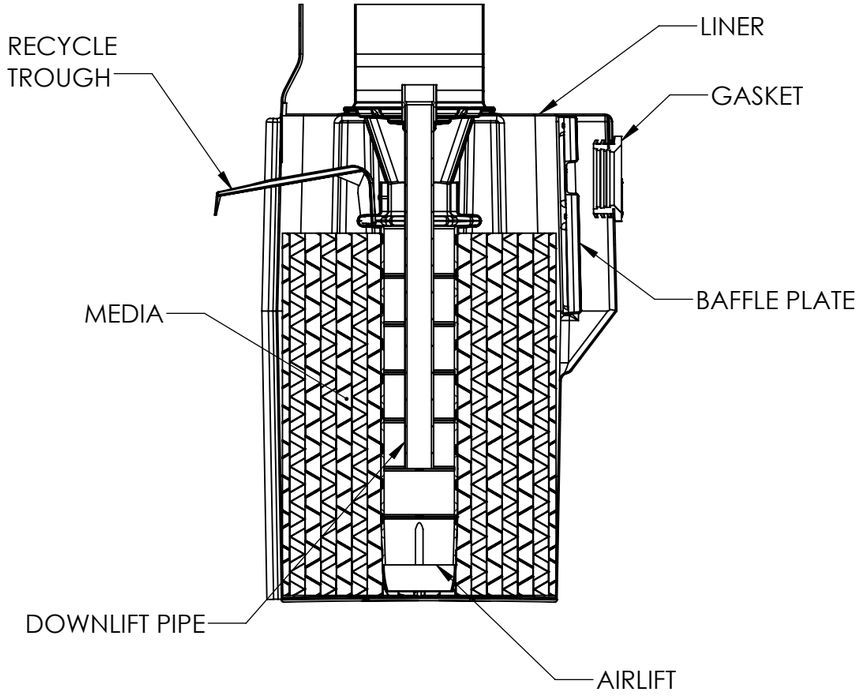

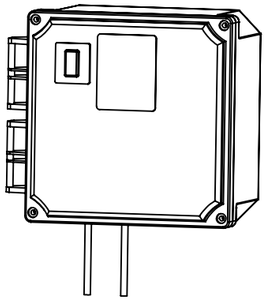

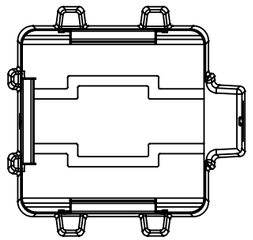

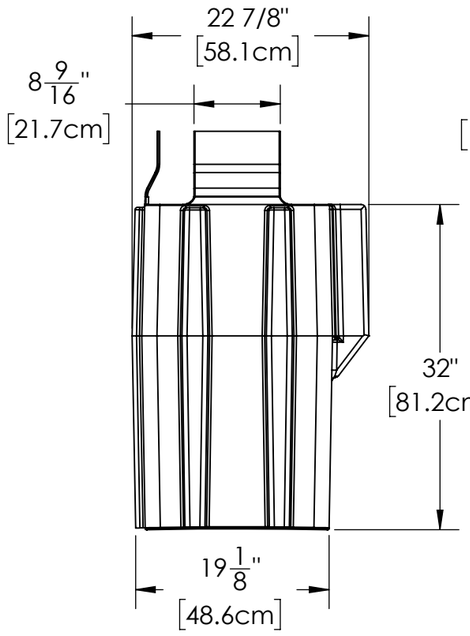

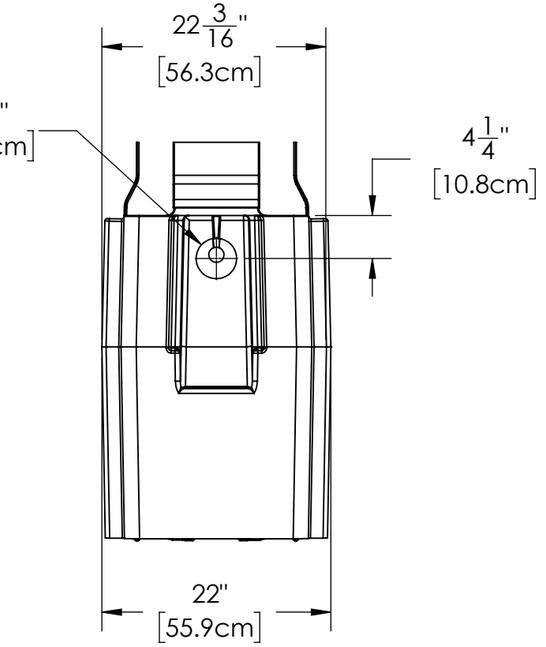

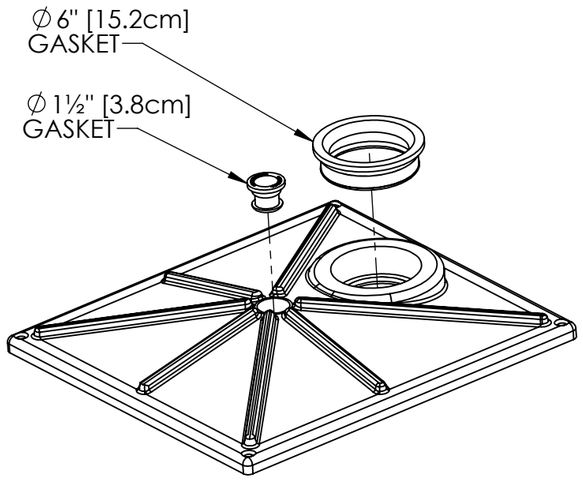

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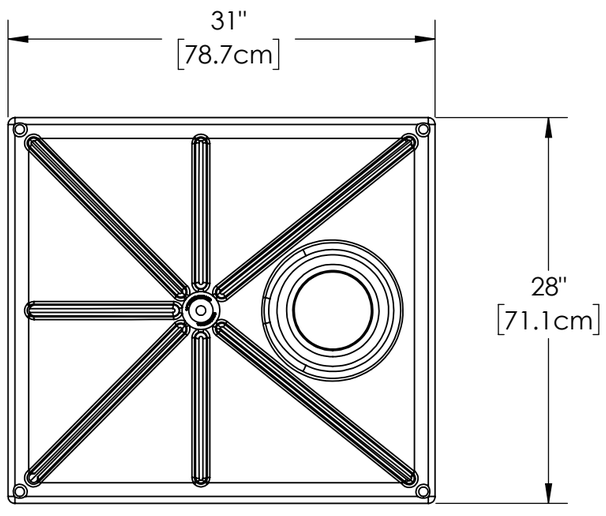

NOTES:

1. ITEMS ARE DEPICTIONS AND MAY VARY IN APPEARANCE.

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DO NOT SCALE DRAWING

SHEET 2 OF 6

SCALE: 1:8

SIZE: B

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

DRAWN BY: ESG

DATE: 8/1/2022

APPROVED BY: MSH

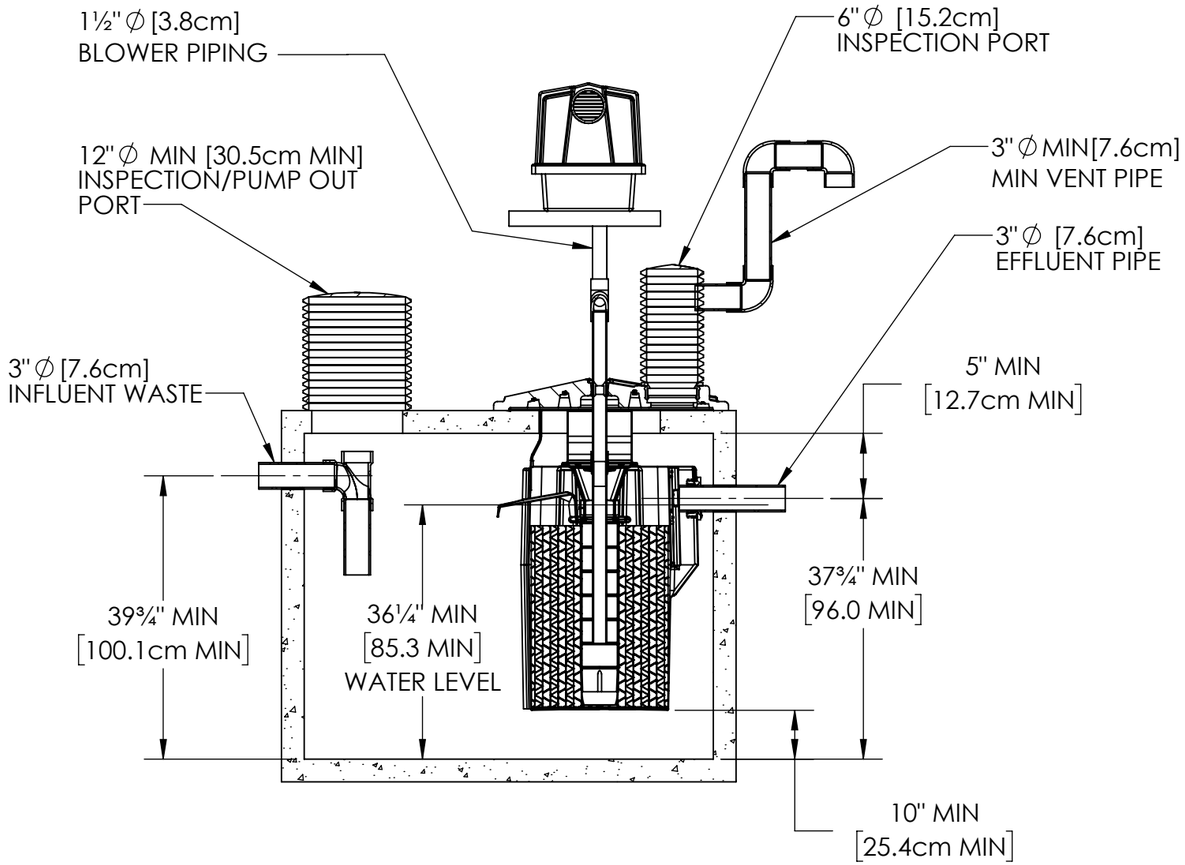
APPROVED BY DATE: 8/1/2022

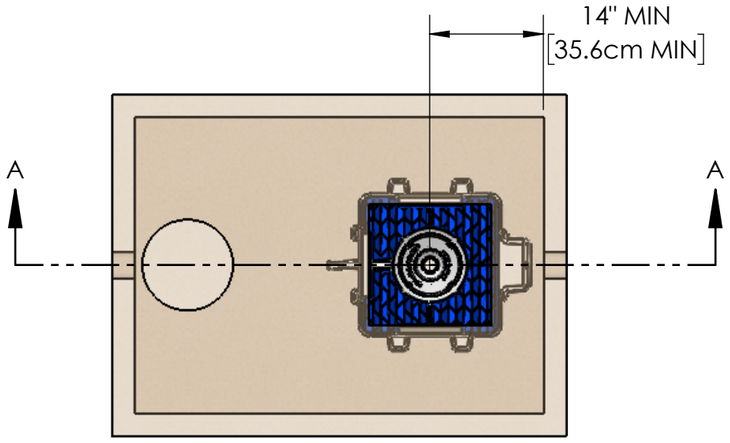
BIO MICROBICS
BETTER WATER. BETTER WORLD.

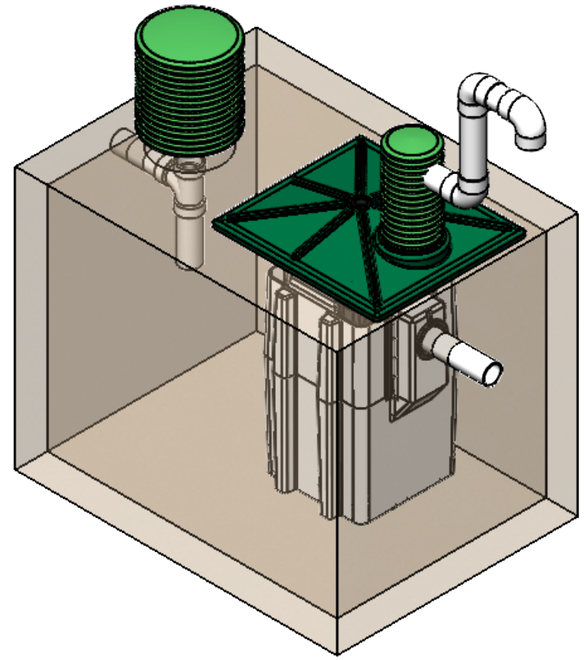
DESCRIPTION
RetroFAST 0.150 UNIT

PART NUMBER
600-FINRTF0.150

REV
D







NOTES:

1. AIRLINE PIPING TO FAST® MAY NOT EXCEED 100 FT (30M) TOTAL LENGTH AND HAVE A MAXIMUM OF 4 ELBOWS IN THE PIPING SYSTEM. FOR DISTANCES GREATER THAN 100 FT (30M) CONSULT FACTORY.
2. IF LESS THAN THE SPECIFIED MINIMUMS ARE CONSIDERED NECESSARY, CONSULT FACTORY FOR GUIDANCE.
3. SPECIALIZED TREATMENT LEVELS MAY REQUIRE SPECIFIC FEATURES TO BE INCORPORATED INTO THE DESIGN. CONSULT FACTORY FOR GUIDANCE.
4. SOME ITEMS REMOVED FOR CLARITY.

PROPRIETARY AND CONFIDENTIAL
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DO NOT SCALE DRAWING

SHEET 3 OF 6

SCALE:	1:20
SIZE:	B

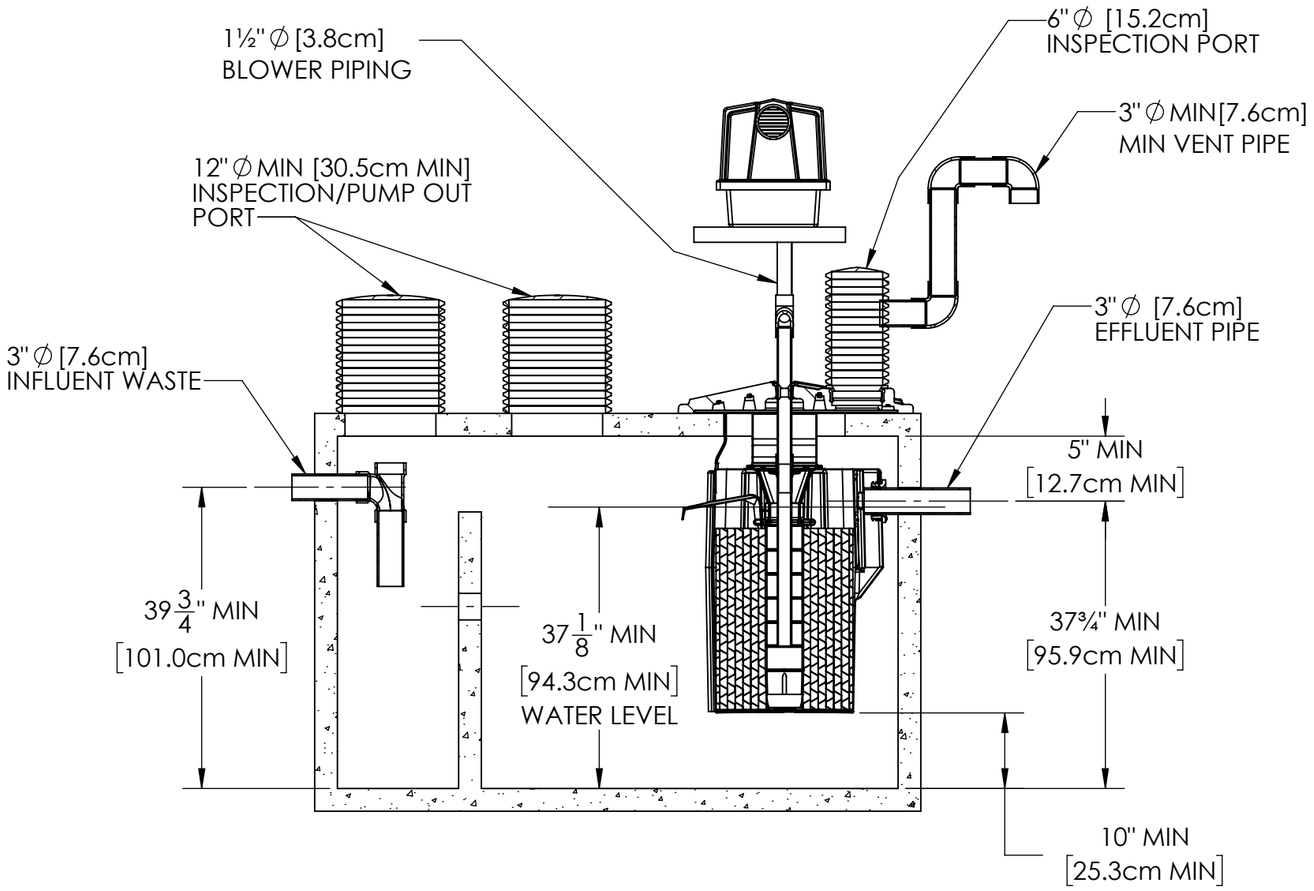
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND
TOLERANCES ARE AS FOLLOWS
X° ±1°
.X ± .50
.XX ± .25

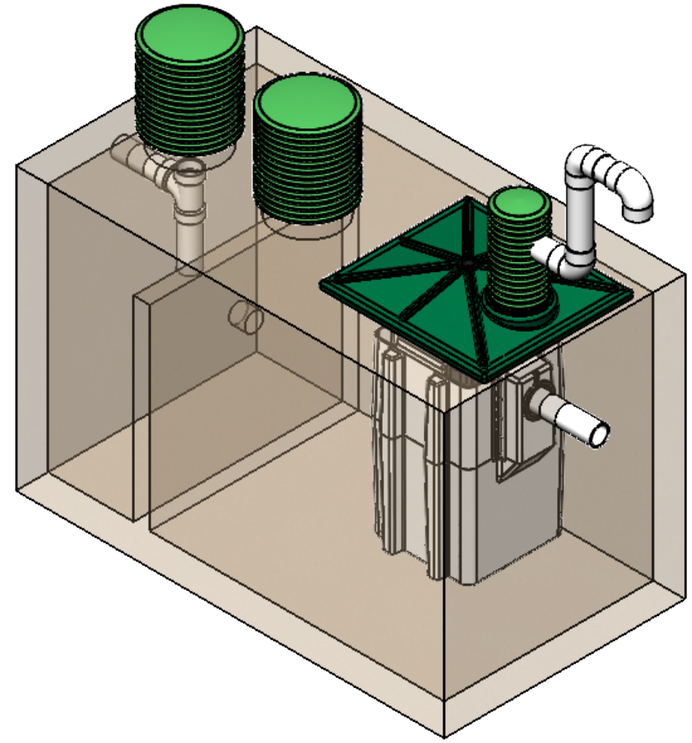
DRAWN BY:	ESG
DATE:	8/1/2022
APPROVED BY:	MSH
APPROVED BY DATE:	8/1/2022

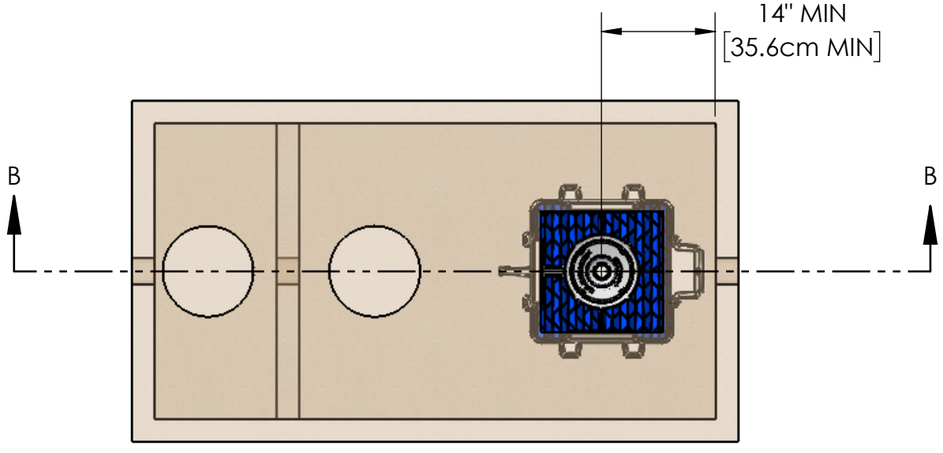
BIO MICROBICS
BETTER WATER. BETTER WORLD.

DESCRIPTION
RetroFAST 0.150 RETROFIT

PART NUMBER	REV
600-FINRTF0.150	D







NOTES:

1. AIRLINE PIPING TO FAST® MAY NOT EXCEED 100 FT (30M) TOTAL LENGTH AND HAVE A MAXIMUM OF 4 ELBOWS IN THE PIPING SYSTEM. FOR DISTANCES GREATER THAN 100 FT (30M) CONSULT FACTORY.
2. IF LESS THAN THE SPECIFIED MINIMUMS ARE CONSIDERED NECESSARY, CONSULT FACTORY FOR GUIDANCE.
3. SPECIALIZED TREATMENT LEVELS MAY REQUIRE SPECIFIC FEATURES TO BE INCORPORATED INTO THE DESIGN. CONSULT FACTORY FOR GUIDANCE.
4. SOME ITEMS REMOVED FOR CLARITY.

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DO NOT SCALE DRAWING

SHEET 4 OF 6

SCALE: 1:20

SIZE: B

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

DRAWN BY: ESG

DATE: 8/1/2022

APPROVED BY: MSH

APPROVED BY DATE: 8/1/2022

BIO MICROBICS
BETTER WATER. BETTER WORLD.

DESCRIPTION
RetroFAST 0.150 NEW CONSTRUCTION

PART NUMBER
600-FINRTF0.150

REV
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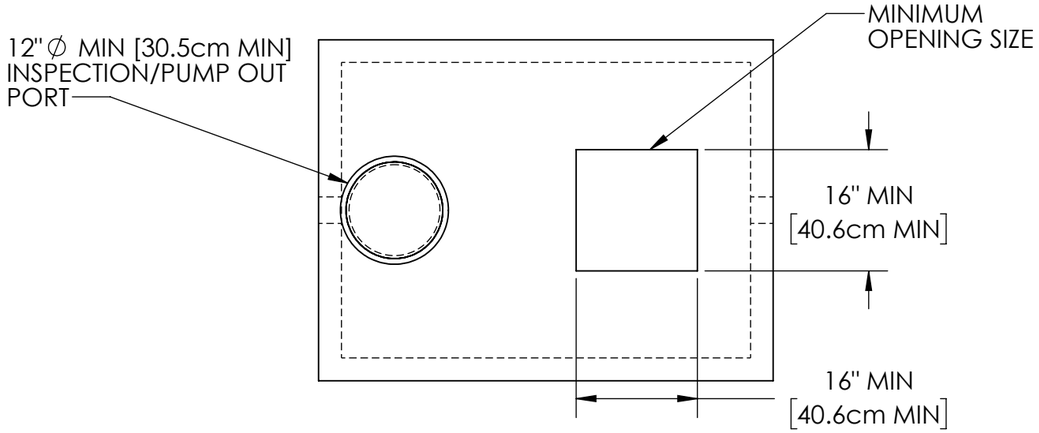
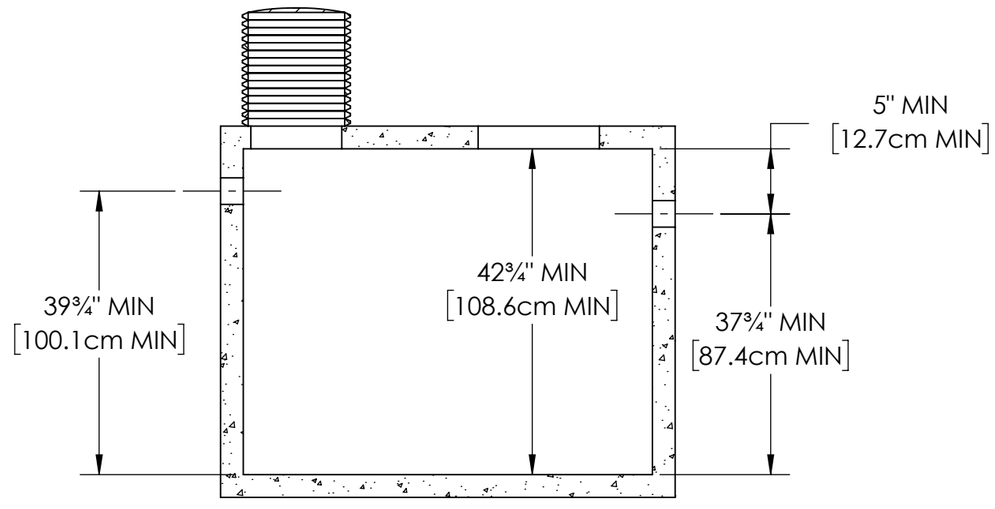
RETROFIT INSTALL

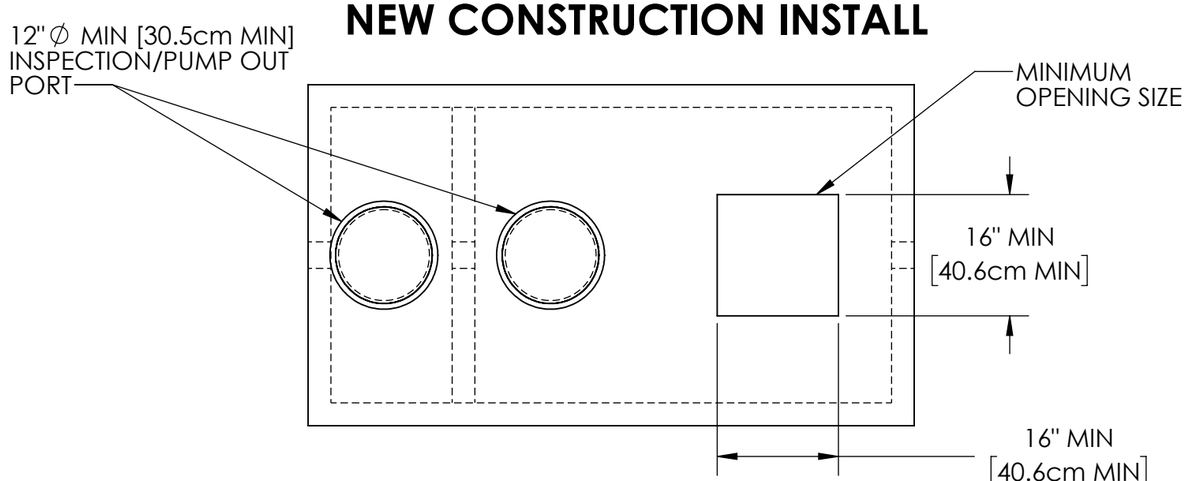


TREATMENT ZONE

150 GALLON MIN (568 L MIN)



NEW CONSTRUCTION INSTALL

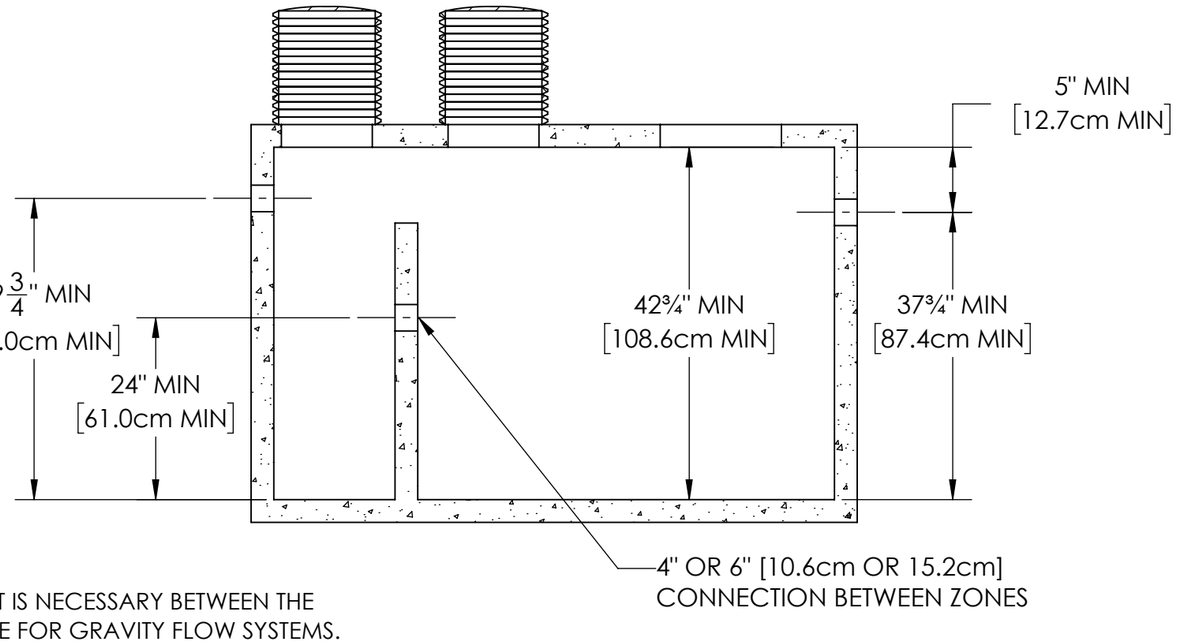


SETTLING ZONE

100 GALLON MIN (379 L MIN)

TREATMENT ZONE

150 GALLON MIN (568 L MIN)



NOTES:

1. **MINIMUM DIMENSIONS DO NOT DETERMINE OVERALL TANK CAPACITY.**
2. INSPECTION/PUMPOUT PORT LOCATIONS MAY VARY DEPENDING ON TANK CONSTRUCTION.
3. ALL APPURTENANCES TO FAST® (E.G. TANKS, ACCESS PORTS, ELECTRICAL, ETC.) MUST CONFORM TO ALL APPLICABLE COUNTY, STATE, PROVINCE, AND LOCAL PLUMBING AND ELECTRICAL CODES.
4. PUMP OUT ACCESS SHALL BE ADEQUATE TO THOROUGHLY CLEAN OUT SETTLING AND TREATMENT ZONES.
5. IF LESS THAN THE SPECIFIED MINIMUMS ARE CONSIDERED NECESSARY, CONSULT FACTORY FOR GUIDANCE.
6. SPECIALIZED TREATMENT NEEDS MAY REQUIRE SPECIFIC FEATURES TO BE INCORPORATED INTO THE DESIGN. CONSULT FACTORY FOR GUIDANCE.
7. MINIMUM OF 2.0in [5.1cm]INVERT IS NECESSARY BETWEEN THE INLET AND OUTLET OF EACH ZONE FOR GRAVITY FLOW SYSTEMS.
8. TANK VOLUMES MAY VARY BY APPLICATION AND JURISDICTION.
9. RETROFAST UNITS CAN GO INTO OTHER THAN SHOWN TYPES OF TANKS, NON RECTANGULAR, PLASTIC, ETC.
10. TANKS OF VARYING SHAPE AND MATERIAL CAN BE USED WITHIN SPECIFIED MINIMUMS.
11. TANK SET UP MAY BE DIFFERENT THAN SHOWN, i.e., SEPARATE SETTLING AND TREATMENT TANKS.
12. THE OPENING TO INSERT THE LINER INTO THE TANK CAN BE ROUND OR SQUARE.

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SHEET 5 OF 6

SCALE: 1:20

SIZE: B

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

DRAWN BY: ESG

DATE: 8/1/2022

APPROVED BY: MSH

APPROVED BY DATE: 8/1/2022

BIO MICROBICS
BETTER WATER. BETTER WORLD.

DESCRIPTION
TANK DETAIL DIMENSIONS

PART NUMBER
600-FINRTF0.150

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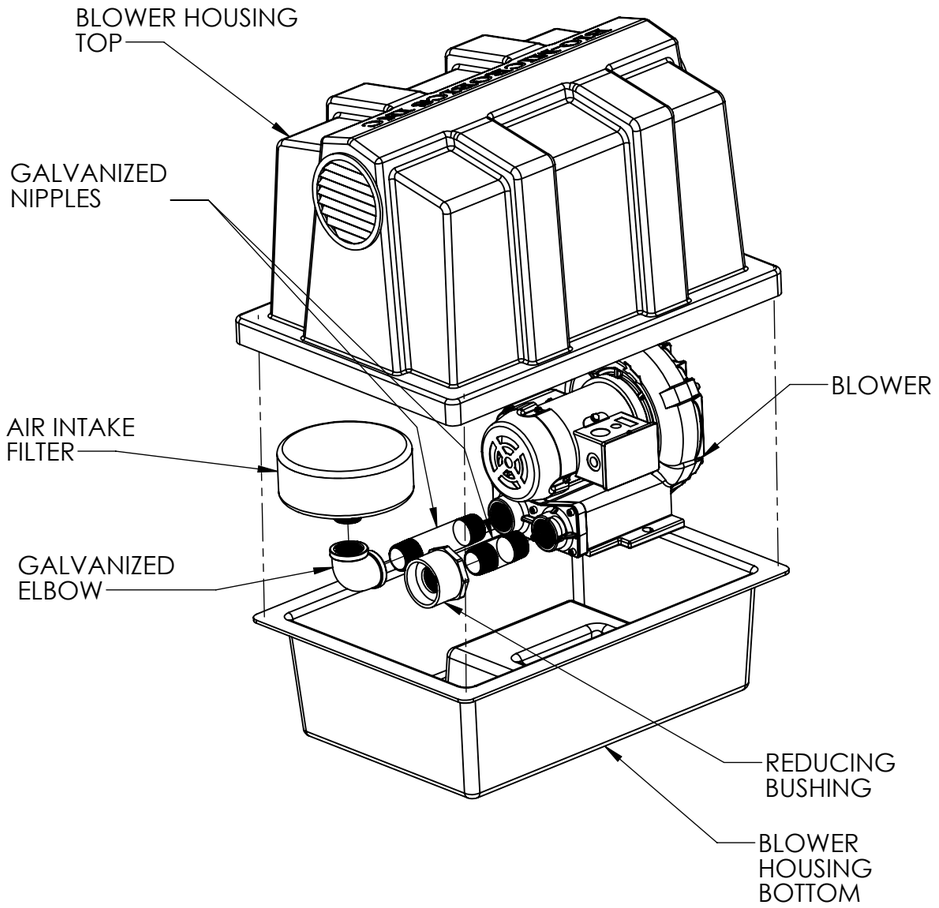

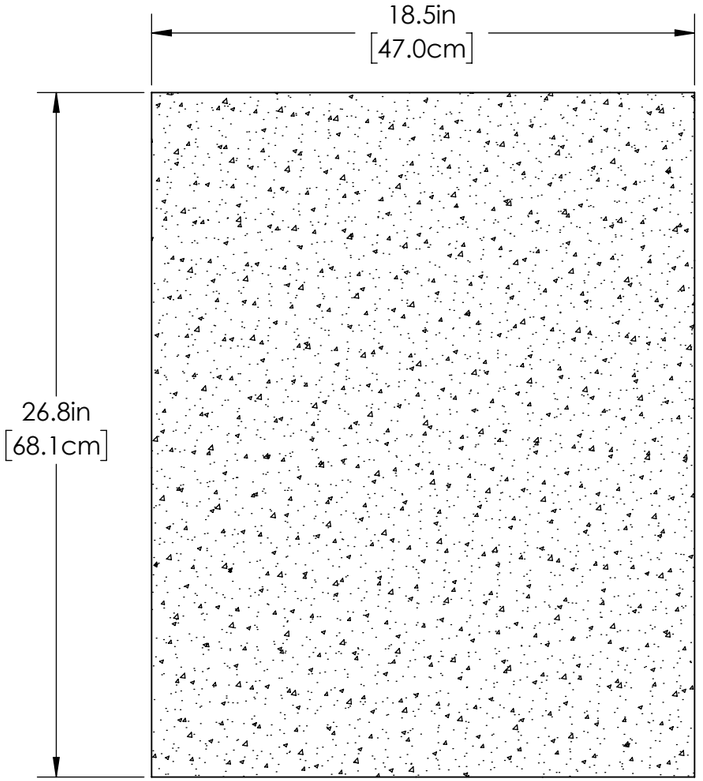

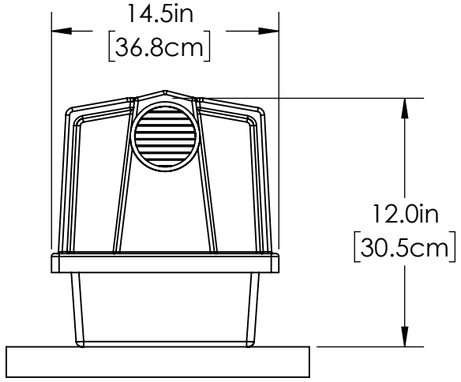

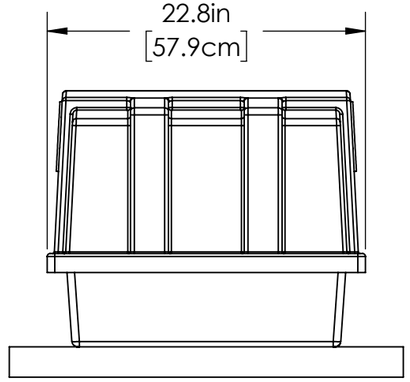

BLOWER PAD

NOTES:
1. SOME RETROFAST CONFIGURATIONS MAY REQUIRE DIFFERENT BLOWER HOUSINGS.
2. BLOWER MUST BE LOCATED ABOVE FLOOD LEVELS.

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SHEET 6 OF 6

SCALE: 1:10

SIZE: B

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

DRAWN BY: ESG

DATE: 8/1/2022

APPROVED BY: MSH

APPROVED BY DATE: 8/1/2022

BIO MICROBICS
BETTER WATER. BETTER WORLD.

DESCRIPTION
BLOWER PAD DETAILS

PART NUMBER
600-FINRTF0.150

REV
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