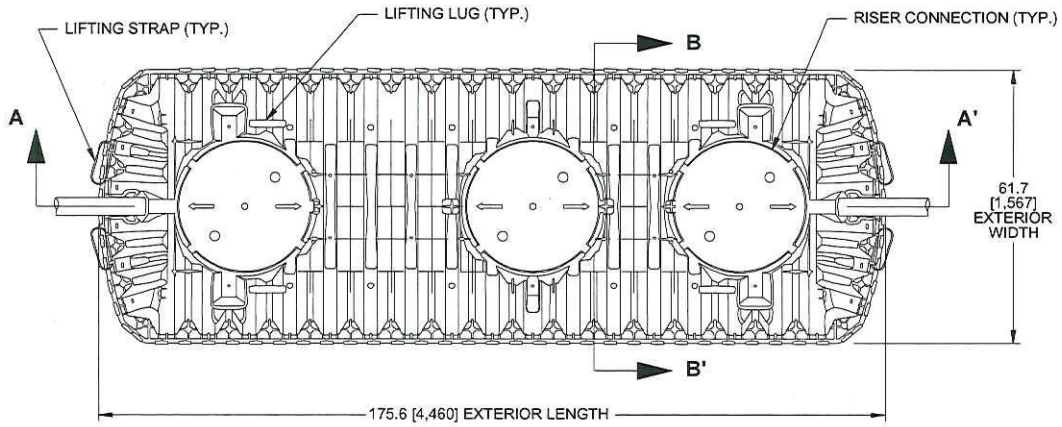
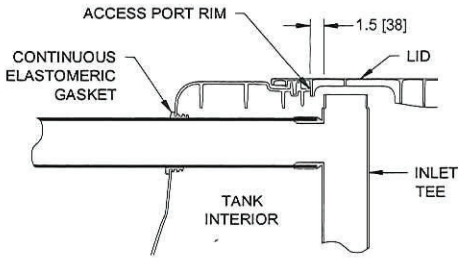
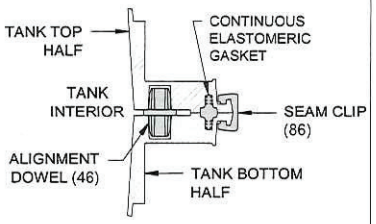
20130413 B



TOP VIEW



Ⓟ PIPE PENETRATION SECTION DETAIL

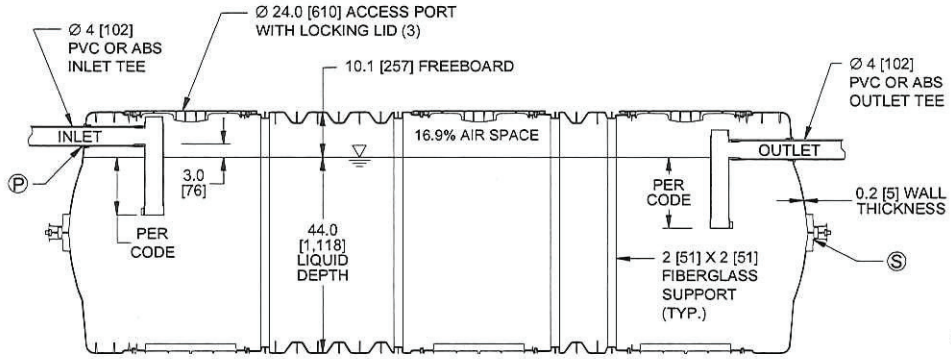


Ⓢ MID-HEIGHT SEAM SECTION DETAIL

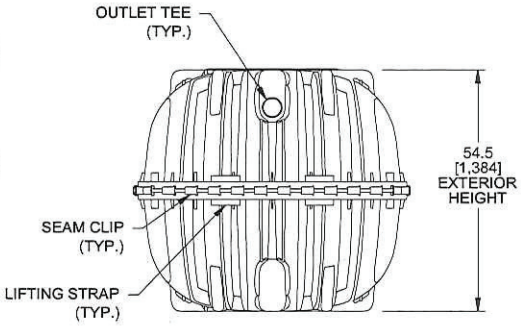
TANK EXTERIOR	
LENGTH	175.6 [4,460]
WIDTH	61.7 [1,567]
HEIGHT	54.5 [1,384]

LIQUID DEPTH	44.0 [1,118]
INVERT DROP	3.0 [76]
FREEBOARD	10.1 [257]

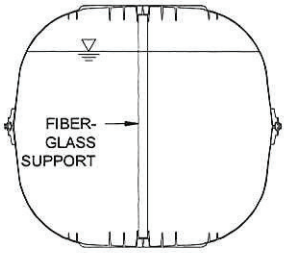
TOTAL CAPACITY	1,765 GAL [6,681 L]
WORKING VOLUME	1,509 GAL [5,712 L]



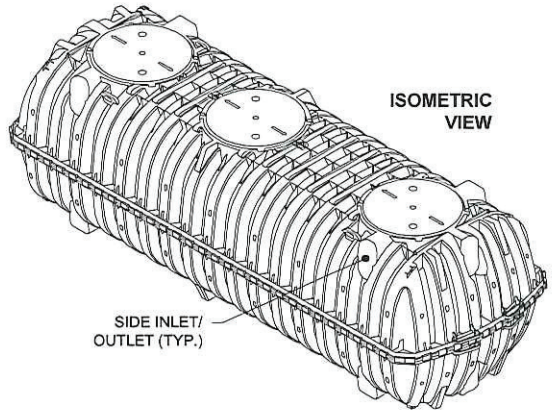
SECTION A- A'



END VIEW



SECTION B - B'



ISOMETRIC VIEW

NOTES:

1. ALL DRAWING DIMENSIONS IN INCHES [MILLIMETERS] OR AS NOTED.
2. EXTERIOR OF ACCESS OPENING LID INCLUDES THE FOLLOWING WARNING IN ENGLISH, FRENCH & SPANISH: "DANGER DO NOT ENTER: POISON GASES."
3. TANK MARKINGS WILL INCLUDE: MANUFACTURER NAME, MODEL NUMBER, LIQUID CAPACITY, DATE OF MANUFACTURE, MAXIMUM BURIAL DEPTH, INLET, AND OUTLET.
4. MAXIMUM BURIAL DEPTH IS 48 in [1,219 mm].
5. MINIMUM BURIAL DEPTH IS 6 in [152 mm].
6. TANK IS FOR NON-TRAFFIC APPLICATIONS.
7. AIRSPACE IS 16.9%.
8. OUTLET TEE IS COMPATIBLE WITH AN EFFLUENT FILTER.
9. LENGTH TO WIDTH RATIO IS 2.8:1 (175.6-INCH LENGTH / 61.7-INCH WIDTH = 2.8).

INFILTRATOR tanks

INFILTRATOR SYSTEMS INC.
4 Business Park Rd. Old Saybrook, CT 06475
(800) 221-4436

IM-1530
1-Compartment Septic/Pump Tank Configuration

Drawn by: JLB		Date: 10/09/2013
Scale: NOT TO SCALE	Checked by: DJL	Sheet: 1 of 1

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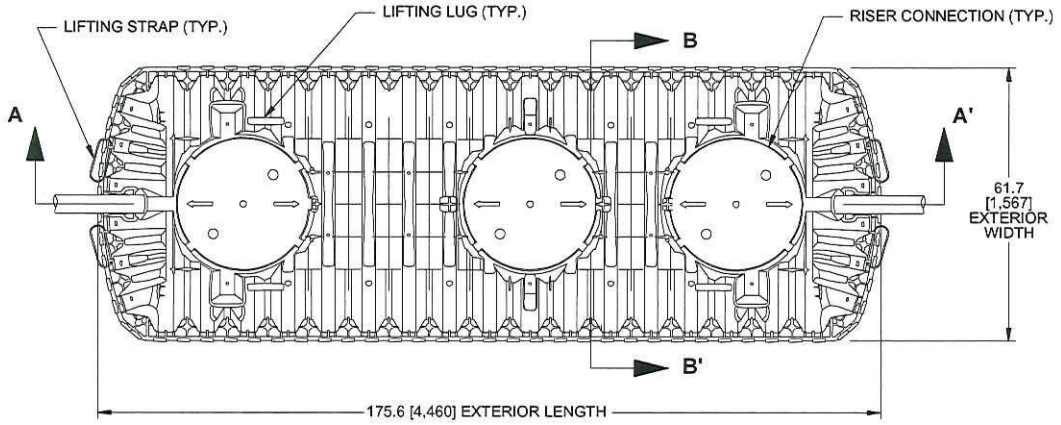
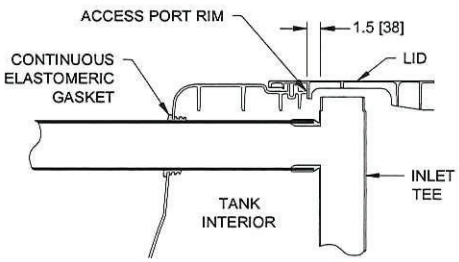
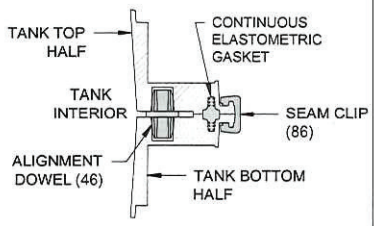


TOP VIEW



Ⓟ PIPE PENETRATION SECTION DETAIL

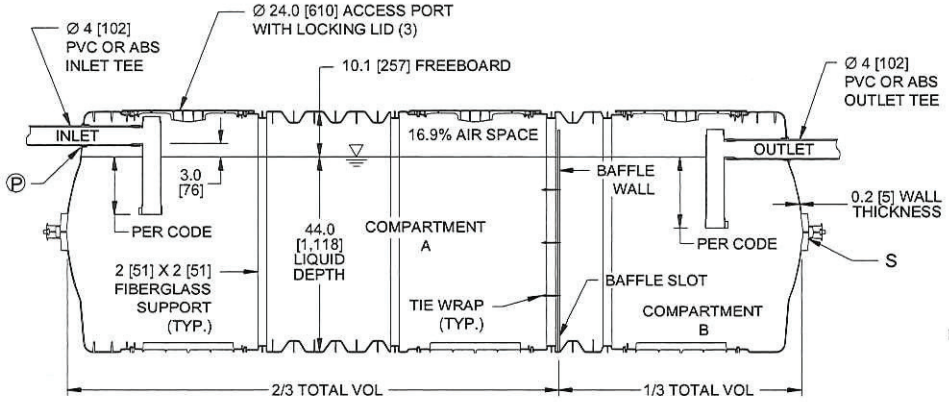


Ⓢ MID-HEIGHT SEAM SECTION DETAIL

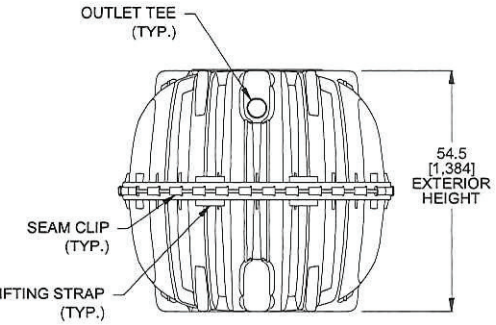
TANK EXTERIOR	
LENGTH	175.6 [4,460]
WIDTH	61.7 [1,567]
HEIGHT	54.5 [1,384]

LIQUID DEPTH	44.0 [1,118]
INVERT DROP	3.0 [76]
FREEBOARD	10.1 [257]

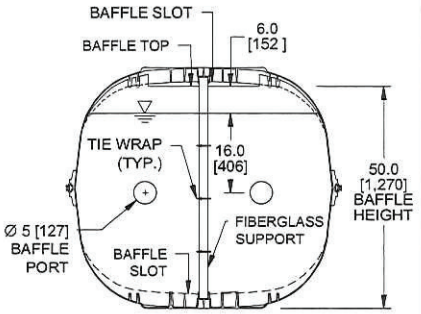
TOTAL CAPACITY	1,765 GAL [6,681 L]
WORKING VOLUME	1,509 GAL [5,712 L]
COMPARTMENT A VOL.	1,006 GAL [3,808 L]
COMPARTMENT B VOL.	503 GAL [1,904 L]



SECTION A- A'



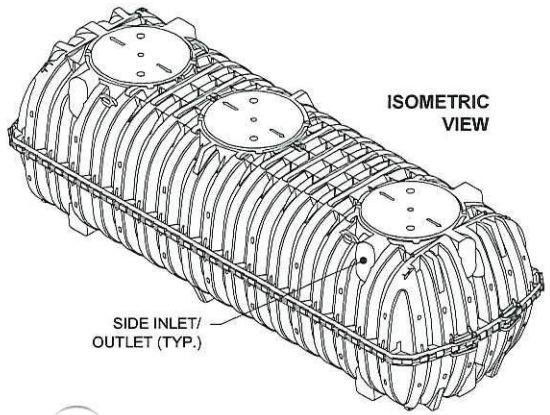
END VIEW



SECTION B - B' BAFFLE DETAIL

NOTES:

1. ALL DRAWING DIMENSIONS IN INCHES [MILLIMETERS] OR AS NOTED.
2. EXTERIOR OF ACCESS OPENING LID INCLUDES THE FOLLOWING WARNING IN ENGLISH, FRENCH & SPANISH: "DANGER DO NOT ENTER: POISON GASES."
3. TANK MARKINGS WILL INCLUDE: MANUFACTURER NAME, MODEL NUMBER, LIQUID CAPACITY, DATE OF MANUFACTURE, MAXIMUM BURIAL DEPTH, INLET, AND OUTLET.
4. MAXIMUM BURIAL DEPTH IS 48 in [1,219 mm].
5. MINIMUM BURIAL DEPTH IS 6 in [152 mm].
6. TANK IS FOR NON-TRAFFIC APPLICATIONS.
7. AIRSPACE IS 16.9%.
8. OUTLET TEE IS COMPATIBLE WITH AN EFFLUENT FILTER.
9. LENGTH TO WIDTH RATIO IS 2.8:1 (175.6-INCH LENGTH / 61.7-INCH WIDTH = 2.8).
10. FREE VENT AREA BETWEEN TOP OF BAFFLE WALL AND BOTTOM OF TOP BAFFLE SLOT IS 136.5 in².
11. BAFFLE WALL THICKNESS IS 0.31 in [8 mm].



ISOMETRIC VIEW

INFILTRATOR tanks

INFILTRATOR SYSTEMS INC.
4 Business Park Rd. Old Saybrook, CT 06475
(800) 221-4436

IM-1530
2-Compartment Septic Tank Configuration

Drawn by: JLB		Date: 10/09/2013
Scale: NOT TO SCALE	Checked by: DJL	Sheet: 1 of 1

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