

**Mission:**

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



**Ron DeSantis**  
Governor

**Scott A. Rivkees, MD**  
State Surgeon General

**Vision:** To be the **Healthiest State** in the Nation

October 8, 2019

Certified Mail Number: 7018 2290 0001 1333 5634

Mr. David Lentz, P.E.  
Infiltrator Water Technologies, LLC  
4 Business Park Road  
Post Office Box 768  
Old Saybrook, Connecticut 06475

Dear Mr. Lentz:

This letter is a revision of our letter dated August 9, 2019 regarding the Delta Treatment Systems ECOPOD-N housed in Infiltrator Water Technologies (IWT) category 4 IM-1060 tanks. It is in response to the September 9, 2019, email from IWT informing us of manufacturing and assembly instruction changes for the ECOPOD E60-N and E75-N. The revised documents indicate that the air line for the E60-N/E75-N will now also be installed on the inlet side of the tank, the same as in the E50-N unit installation. IWT consolidated the assembly instructions to eliminate procedures that are now performed by Delta Treatment Systems instead of the assembler. These changes are hereby approved, revised drawings enclosed and the remainder of the letter remains the same.

NSF International confirmed that the ATUs continue to be certified to NSF40 and NSF245 with the proposed perforations of the treatment media kits. The treatment receptacle will be an adaptation of IWT's IM-1060 tank with the Florida approval number 70-143-11S-C4 and will require a pretreatment receptacle with the minimum effective capacity given in the approval comments below.

Approval Number	Approval Comments
70-143-EP5S-C4	Single compartment PP tank, two vertical and six horizontal stiffeners. Houses Delta ECOPOD E50-N-IM1060 (500 gal/day). Requires min 500-gal or 70-143-54S-C4 pretreatment tank; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta ECOPOD ATU is NSF 245-certified.
70-143-EP6S-C4	Single compartment PP tank, two vertical and six horizontal stiffeners. Houses Delta ECOPOD E60-N-IM1060 (600 gal/day). Requires min 600-gal pretreatment tank; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta ECOPOD ATU is NSF 245-certified.
70-143-EP7S-C4	Single compartment PP tank, two vertical and six horizontal stiffeners. Houses Delta ECOPOD E75-N-IM1060 (750 gal/day). Requires min 750-gal pretreatment tank; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta ECOPOD ATU is NSF 245-certified.

**Florida Department of Health**

Division of Disease Control & Health Protection • Bureau of Environmental Health  
4052 Bald Cypress Way, Bin A-08 • Tallahassee, FL 32399  
PHONE: 850/245-4250 • FAX: 850/487-0864

**FloridaHealth.gov**



**Accredited Health Department**  
Public Health Accreditation Board

Mr. Lentz  
Page Two  
October 8, 2019

Section 64E-6.013(2)(j), of the Florida Administrative Code (F.A.C.), requires the following for the marking of treatment receptacles approved in Florida:

“The State Health Office’s designated approval number for the receptacle, and the effective capacity of the receptacle in gallons shall be cast or stamped into the wall or permanently stenciled or decaled onto the wall at the inlet end, to begin within 6 inches of the top of the wall. All identifying marks shall be inscribed or affixed at the point of manufacture only. All information supplied in the legend shall be provided with a minimum of two inch high lettering.”

The existing approval conditions for the IM-1060 also apply to these versions. Assembly and labeling as final manufacturing steps will be by entities authorized by IWT for IM-series assembly and authorized by IWT as Delta representatives at their facilities. During the molding process, all IM-1060 tanks are embossed with numbering for a particular configuration of the Florida receptacle approvals (e.g., 70-143-11D-C4). The embossment is on a corrugation on the right side, closest to the inlet. IWT will create adhesive labels for each of the treatment unit models for application by the entities over the embossment (Step 12 of the assembly instructions). This will obscure the septic tank approval number from view and signify the proper product approval number for field inspectors.

The authorized entities will perform water tightness testing at the currently approved frequency of 1 in 10 assembled units and visual inspections for all assembled tanks. Water tightness testing will be performed in accordance with documents related to previous IM-Series tank approvals. The Delta-dealer will submit completed assembly logs including test results to IWT, and IWT will maintain a repository of such records.

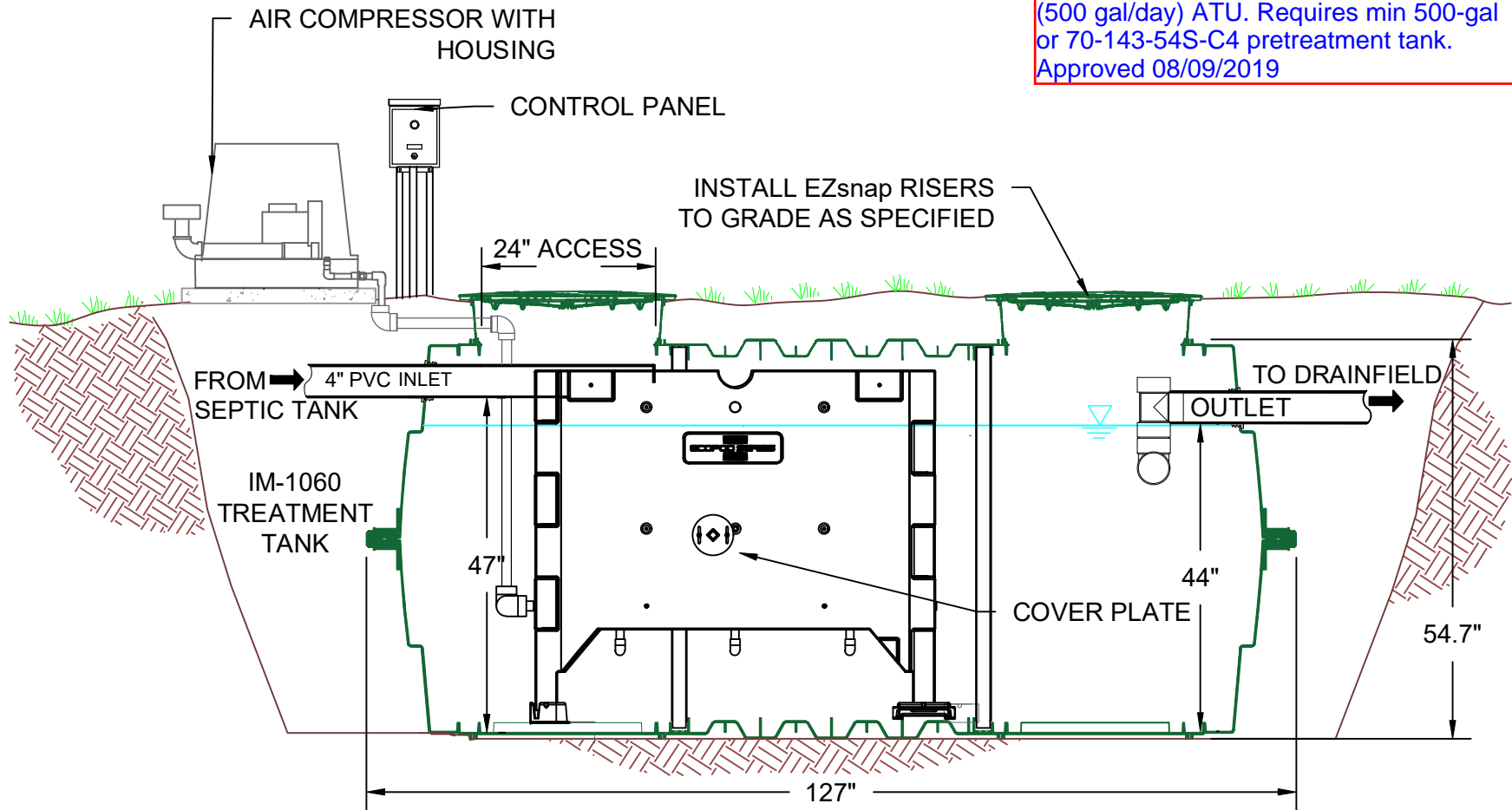
Enclosed for common reference, please find a listing and drawings of the treatment receptacles. If we may be of further assistance or should you have any additional questions regarding this letter, please contact Eberhard Roeder at 850-901-6512.

Sincerely,

Ed Barranco, MPH, CEHP, CPM  
Environmental Administrator  
Onsite Sewage Programs

EB/aw  
Enclosures

70-143-EP5S-C4  
Houses Delta ECOPOD E50-N-IM1060  
(500 gal/day) ATU. Requires min 500-gal  
or 70-143-54S-C4 pretreatment tank.  
Approved 08/09/2019



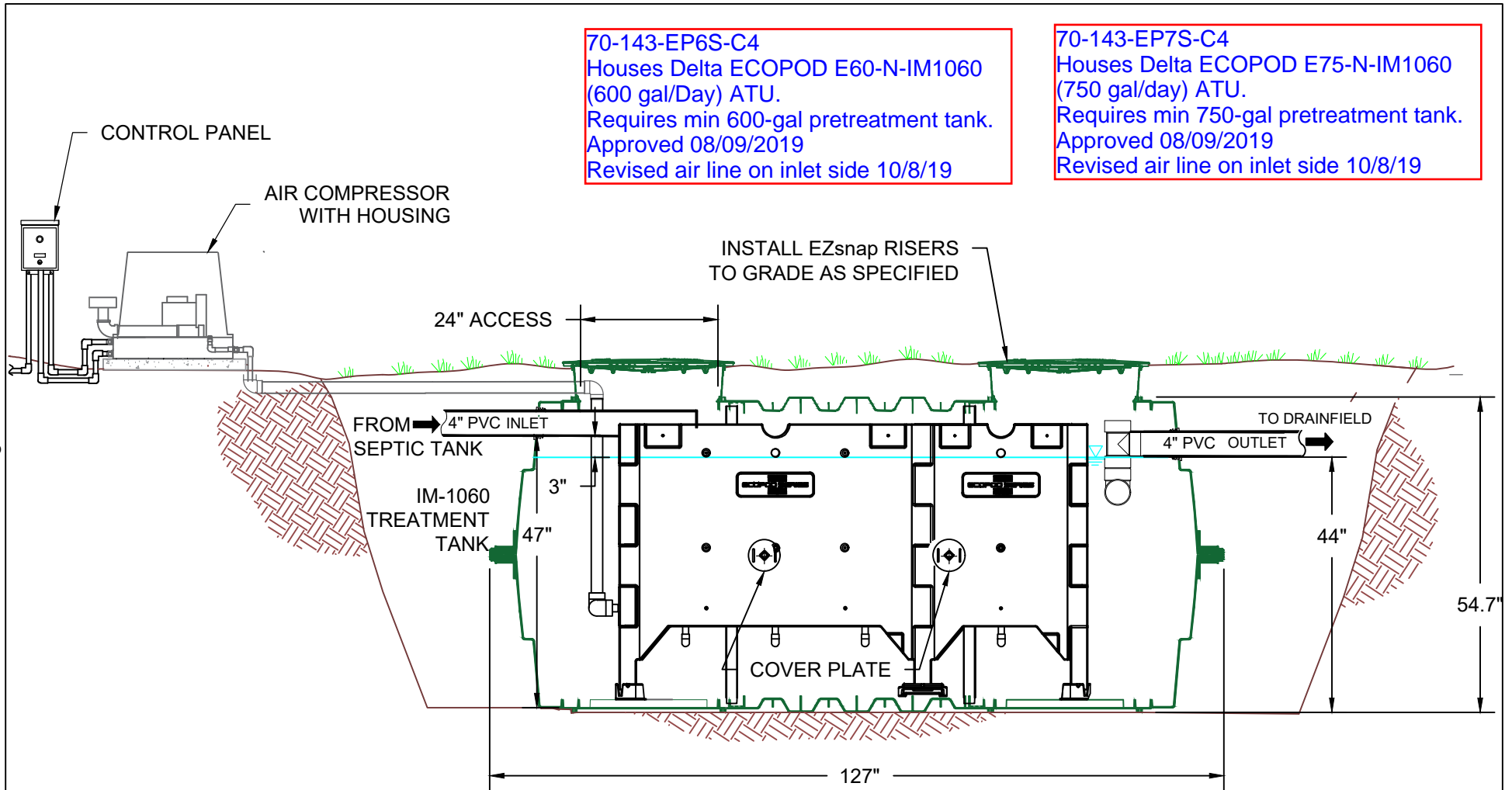
**NOTES:**

1. INSTALL TANK PER INSTALLATION INSTRUCTIONS
2. AIR COMPRESSOR INSTALLED WITHIN 100 FT OF THE TANK.
3. AIR PIPING INSTALLED ON INLET END OF TANK FOR ECOPOD E50-N
4. FLORIDA CATEGORY 4 BRACING INCLUDES TWO (2) HORIZONTAL STIFFENERS AND FOUR (4) DIAGONAL STIFFENERS.
5. ONE (1) OF TWO (2) HORIZONTAL STIFFENERS NOT SHOWN
6. DIAGONAL STIFFENERS NOT SHOWN



INFILTRATOR WATER TECHNOLOGIES 4 Business Park Rd. Old Saybrook, CT 06475 (800) 221-4436		
CATEGORY 4 IM-1060 WITH ECOPOD E50-N TYPICAL CROSS SECTION DETAIL		
Drawn by: RCA		Date: 06/04/2019
Scale: NOT TO SCALE	Checked by: DFH	Sheet: 1 OF 1

Q:\Technical Resources New\01--STATES\FLORIDA\CAT4\CAD Drawings

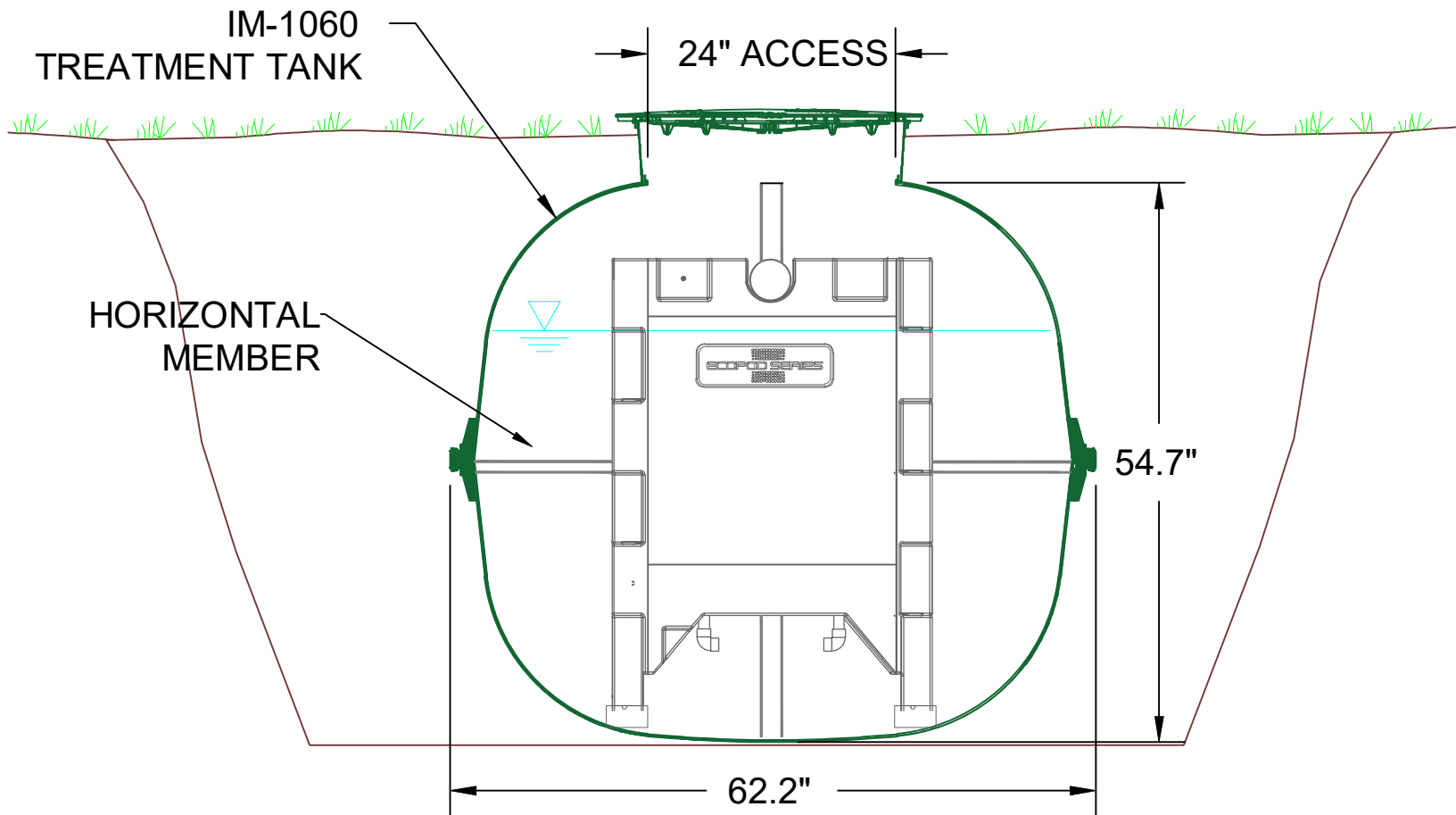


NOTES:

1. INSTALL TANK PER INSTALLATION INSTRUCTIONS
2. AIR COMPRESSOR INSTALLED WITHIN 100 FT OF THE TANK.
3. AIR PIPING INSTALLED ON INLET END OF TANK FOR ECOPOD E60-N AND E75-N
4. FLORIDA CATEGORY 4 BRACING INCLUDES TWO (2) HORIZONTAL STIFFENERS AND FOUR (4) DIAGONAL STIFFENERS.
5. DIAGONAL STIFFENERS NOT SHOWN



INFILTRATOR WATER TECHNOLOGIES 4 Business Park Rd. Old Saybrook, CT 06475 (800) 221-4436		
CATEGORY 4 IM-1060 WITH ECOPOD E60-N/E75-N TYPICAL CROSS SECTION DETAIL		
Drawn by: CGK		Date: 08/19/2019
Scale: NOT TO SCALE	Checked by: DFH	Sheet: 1 OF 1



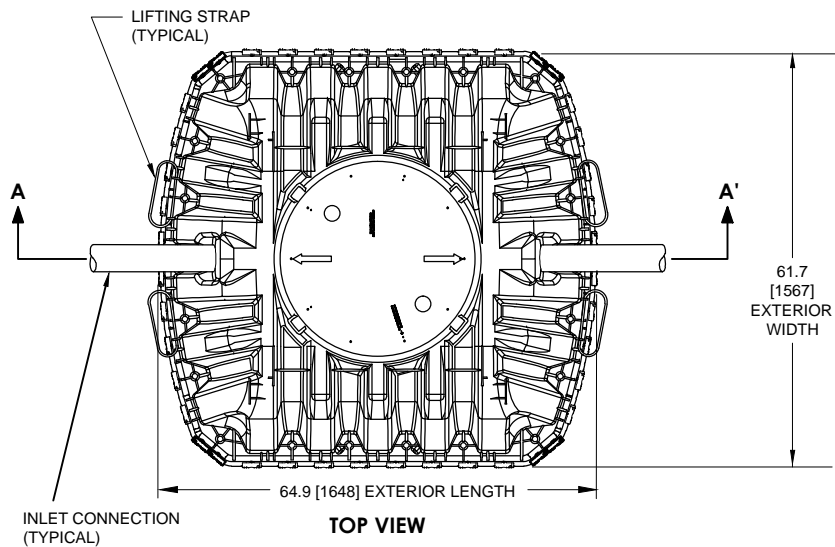
NOTES:

1. FLORIDA CATEGORY 4 BRACING INCLUDES TWO (2) HORIZONTAL STIFFENERS AND FOUR (4) DIAGONAL STIFFENERS.
2. DIAGONAL STIFFENERS NOT SHOWN
3. INLET AIR PIPING NOT SHOWN (ECOPOD E50-N INLET END)

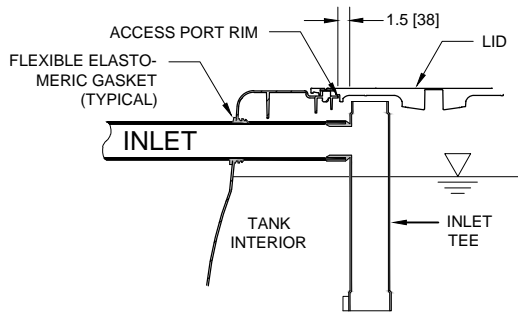


INFILTRATOR WATER TECHNOLOGIES 4 Business Park Rd. Old Saybrook, CT 06475 (800) 221-4436		
CATEGORY 4 IM-1060 WITH ECOPOD E50-N, E60-N/E75-N END VIEW DETAIL		
Drawn by: RCA		Date: 06/04/2019
Scale: NOT TO SCALE	Checked by: DFH	Sheet: 1 OF 1

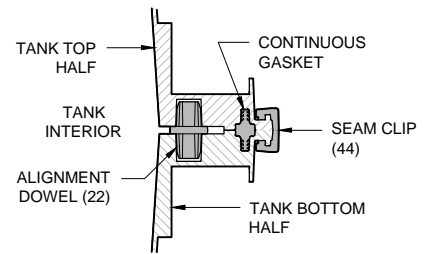
Q:\Technical Resources New\02-Isi\_Products\Tanks\Injection-Molded Tank\IM-540\State Specific Drawings\FL\IM-540-FL\_07162013



**TOP VIEW**



**(P) PIPE PENETRATION SECTION DETAIL**

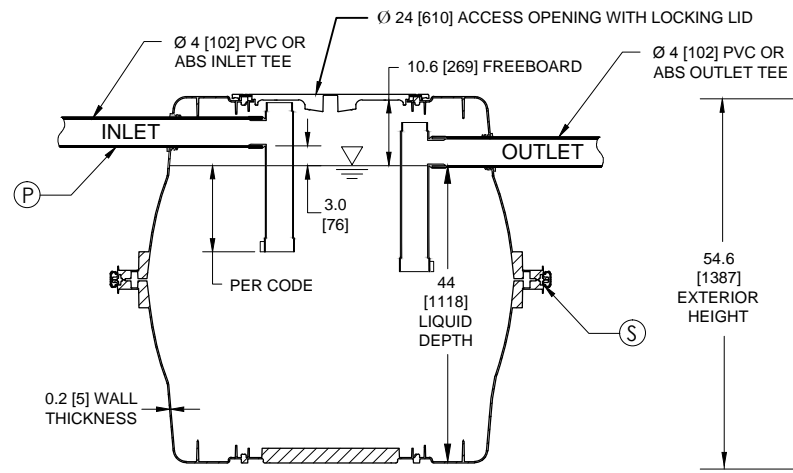


**(S) MID-HEIGHT SEAM SECTION DETAIL**

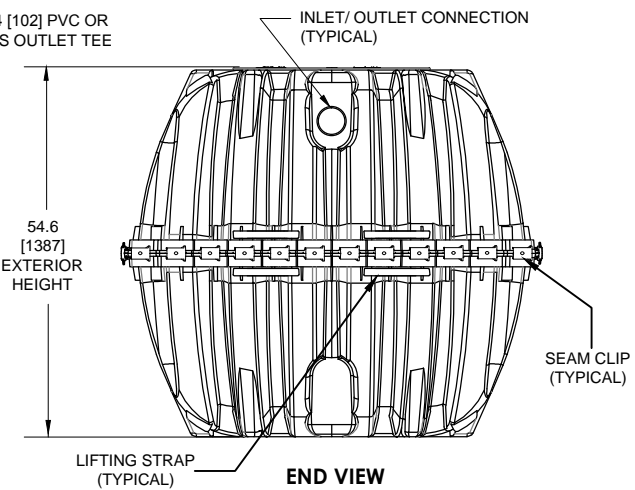
TANK EXTERIOR	
LENGTH	64.9 [1,648]
WIDTH	61.7 [1,567]
HEIGHT	54.6 [1,387]

LIQUID DEPTH	44.0 [1,118]
INVERT DROP	6.0 [152]
FREEBOARD	10.6 [269]

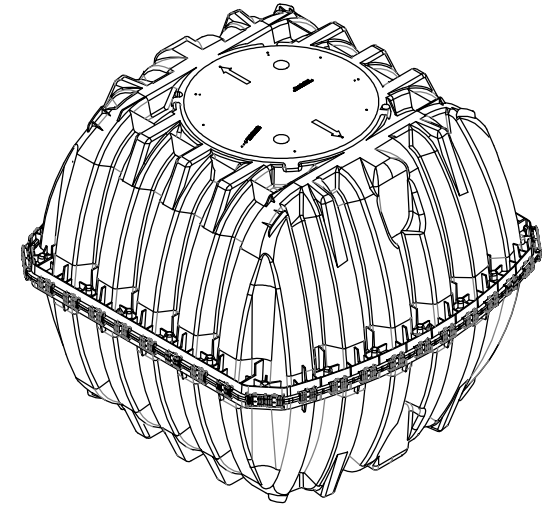
TOTAL CAPACITY	552 GAL [2,089 L]
WORKING VOLUME	475 GAL [1,798 L]



**SECTION A - A'**



**END VIEW**



**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 CODE, 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. MAXIMUM VEHICLE LOAD IS 4,500-lb [20-kN] AXLE LOAD.
7. TANK IS FOR NON-TRAFFIC APPLICATIONS.
8. AIRSPACE IS 16.2%.
9. OUTLET TEE IS COMPATIBLE WITH AN EFFLUENT FILTER.
10. INLET TEE IS SHOWN, BUT ONLY IF REQUIRED BY REGULATION..

70-143-54S-C4 approved 8/21/2013  
Approved for use as a pretreatment tank for  
70-143-EP5S-C4 08/09/2019



Infiltrator Systems Inc.  
4 Business Park Rd. Old Saybrook, CT 06475  
(800) 221-4436

**Florida IM-540 Tank Configuration**

Drawn by: GCS	Checked by: DJL	Date: 07-16-13
Scale: Not to scale	Drawing: IM-540-FL	Sheet: 1 of 1

# Infiltrator Water Technologies, LLC

4 Business Park Road; P.O. Box 768  
Old Saybrook, CT 06475

TOTAL run date: 10/2/2019

TANK NUMBER	CATEGORY	WALL THICKNESS	LIQUID DEPTH	(TOP) EXTERIOR WIDTH	IN-OUT LENGTH	EFFECTIVE DROP	GALLONS (Pump Tanks)	TOTAL GALLONS	APPROVAL USE	DATE	FAMILY:
70-143-03S-C3	C3	0.50	38.00	47	50		250	310	D, L	10/12/2010	
REMARKS: Graywater, laundry, or pump tank, or part of a septic tank in series. Pump tank may be manufactured without outlet hole. TW-300											
70-143-04S-C3	C3	0.70	40.00	59.6	59.6		375	417	D	3/3/2009	
REMARKS: Can be used as a pump tank only. Insufficient airspace to be used as septic tank or laundry tank. Pump tank may be manufactured without outlet hole. TW-375											
70-143-05S-C3	C3	0.50	40.00	60.4	62.5		425	500	D, L	7/26/2010	
REMARKS: Graywater, laundry, or pump tank, or part of a septic tank in series. Pump tank may be manufactured without outlet hole. TW-500											
70-143-09D-C3	C3	0.70	40.00	66	96.2	2.75	900	1060	B	12/19/2008	
REMARKS: Dual compartment polyethylene tank with two internal stiffeners and baffle. baffle supported by two horizontal beams. TW-900											
70-143-09S-C3	C3	0.70	40.00	66	96.2	2.75	900	1060	B	7/29/2008	
REMARKS: Single compartment polyethylene tank with two internal stiffeners. TW-900											
70-143-10D-C3	C3	0.70	40.00	66	109.5	2.75	1050	1217	B	7/29/2008	
REMARKS: Dual compartment polyethylene tank with two internal stiffeners and baffle attached to stiffener. TW-1050											
70-143-10S-C3	C3	0.70	40.00	66	109.5	2.75	1050	1217	B	7/29/2008	
REMARKS: Single compartment polyethylene tank with two internal stiffeners. TW-1050											
70-143-11D-C4	C4	0.20	44.00	62.2	127	3	1090	1280	B	7/8/2011	
REMARKS: dual compartment polypropylene tank with internal two vertical stiffeners and six horizontal stiffeners, and baffle attached to stiffener. Approximate top length and width. IM-1060											
70-143-11D-C3	C3	0.20	44.00	62.2	127	3	1090	1280	B	7/8/2011	
REMARKS: dual compartment polypropylene tank with internal two vertical stiffeners and baffle attached to stiffener. Approximate top length and width. IM-1060											
70-143-11S-C4	C4	0.20	44.00	62.2	127	3	1090	1280	B	7/8/2011	
REMARKS: single compartment polypropylene tank with internal two vertical stiffeners and six horizontal stiffeners. Approximate top length and width. IM-1060											
70-143-11S-C3	C3	0.20	44.00	62.2	127	3	1090	1280	B	7/8/2011	
REMARKS: single compartment polypropylene tank with internal two vertical stiffeners. Approximate top length and width. IM-1060											
70-143-13D-C3	C3	0.70	40.00	66	129.5	2.75	1250	1451	B	7/29/2008	
REMARKS: Dual compartment polyethylene tank with three internal stiffeners and baffle attached to stiffener. TW-1250											
70-143-13S-C3	C3	0.70	40.00	66	129.5	2.75	1250	1451	B	7/29/2008	
REMARKS: Single compartment polyethylene tank with three internal stiffeners. TW-1250											
70-143-15D-C3	C3	0.70	40.00	66	155.9	2.75	1500	1766	B	7/29/2008	
REMARKS: Dual compartment polyethylene tank with three internal stiffeners and baffle attached to stiffener. TW-1500											
70-143-15S-C3	C3	0.70	40.00	66	155.9	2.75	1500	1766	B	7/29/2008	
REMARKS: Single compartment polyethylene tank with three internal stiffeners. TW-1500											

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4 Business Park Road; P.O. Box 768  
Old Saybrook, CT 06475

TOTAL run date: 10/2/2019

TANK NUMBER	CATEGORY	WALL THICKNESS	LIQUID DEPTH	(TOP) EXTERIOR WIDTH	IN-OUT LENGTH	EFFECTIVE DROP	GALLONS (Pump Tanks)	TOTAL GALLONS	APPROVAL USE	DATE	FAMILY:
70-143-16D-C4	C4	0.20	44.00	61.7	175.6	3	1537	1750	B,D,L	3/31/2014	5
REMARKS: polypropylene tank with four vertical stiffeners and baffle attached to stiffener. Midseam length and width. IM-1530.											
70-143-16S-C4	C4	0.20	44.00	61.7	175.6	3	1537	1750	B,D,L	3/31/2014	5
REMARKS: polypropylene tank with four vertical stiffeners. Midseam length and width. IM-1530.											
70-143-54S-C4	C4	0.20	44.00	61.7	64.9	3	483	557	B, G, D,	8/21/2013	
REMARKS: polypropylene laundry, or pump tank, or part of a septic tank in series. The tank can have the usual 4-inch diameter outlet hole. It also may have no outlet hole; or two 1.5-inch diameter holes, one centered on the center of the usual outlet hole, the second centered four inches above the center of the first. As with all Infiltrator tanks, any holes have to be installed by the manufacturer or certified assembler. Approved as a pretreatment tank for the 70-143-EP5S-C3 or 70-143-EP5S-C4 ECOPOD/IM 1060 combination. IM-540											
70-143-BM5D-C3	C3	0.20	44.00	62.2	127	3	1090	1280	ATU	11/28/2017	
REMARKS: dual compartment PP tank, two vertical stiffeners. Houses BioMicrobics MF 0.5 ATU. IM-1060											
70-143-BM5S-C3	C3	0.20	44.00	62.2	127	3	1090	1280	ATU	1/7/2016	
REMARKS: single compartment PP tank, two vertical stiffeners. Houses MF 0.5 ATU. Requires at least 350 gal pretreatment tank. IM-1060											
70-143-BM6S-C3	C3	0.20	44.00	62.2	127	3	1090	1280	ATU	1/7/2016	
REMARKS: single compartment PP tank, two vertical stiffeners. Houses MF 0.625 ATU. Requires at least 375 gal pretreatment tank. IM-1060											
70-143-BM7S-C3	C3	0.20	44.00	62.2	127	3	1090	1280	ATU	1/7/2016	
REMARKS: single compartment PP tank, two vertical stiffeners. Houses MF 0.75 ATU. Requires at least 375 gal pretreatment tank. IM-1060											
70-143-EP5S-C3	C3	0.20	44.00	62.2	127	3	1090	1280	ATU	1/9/2019	
REMARKS: Single compartment PP tank, two vertical stiffeners. Houses Delta ECOPOD E50-N-IM1060 (500 gal/day). Requires min 500-gal or 70-143-54S-C4 pretreatment tank; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta ECOPOD ATU is NSF 245-certified.											
70-143-EP5S-C4	C4	0.20	44.00	62.2	127	3	1090	1280	ATU	8/9/2019	
REMARKS: Single compartment PP tank, two vertical and six horizontal stiffeners. Houses Delta ECOPOD E50-N-IM1060 (500 gal/day). Requires min 500-gal or 70-143-54S-C4 pretreatment tank; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta ECOPOD ATU is NSF 245-certified.											
70-143-EP6S-C3	C3	0.20	44.00	62.2	127	3	1090	1280	ATU	1/9/2019	
REMARKS: Single compartment PP tank, two vertical stiffeners. Houses Delta ECOPOD E60-N-IM1060 (600 gal/day). Requires min 600-gal pretreatment tank; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta ECOPOD ATU is NSF 245-certified.											
70-143-EP6S-C4	C4	0.20	44.00	62.2	127	3	1090	1280	ATU	8/9/2019	
REMARKS: Single compartment PP tank, two vertical and six horizontal stiffeners. Houses Delta ECOPOD E60-N-IM1060 (600 gal/day). Requires min 600-gal pretreatment tank; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta ECOPOD ATU is NSF 245-certified.											
70-143-EP7S-C3	C3	0.20	44.00	62.2	127	3	1090	1280	ATU	1/9/2019	
REMARKS: Single compartment PP tank, two vertical stiffeners. Houses Delta ECOPOD E75-N-IM1060 (750 gal/day). Requires min 750-gal pretreatment tank; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta ECOPOD ATU is NSF 245-certified.											



# Infiltrator Water Technologies, LLC

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Old Saybrook, CT 06475

TOTAL run date: 10/2/2019

TANK NUMBER	CATEGORY	WALL THICKNESS	LIQUID DEPTH	(TOP) EXTERIOR WIDTH	IN-OUT LENGTH	EFFECTIVE DROP	GALLONS (Pump Tanks)	TOTAL GALLONS	APPROVAL USE DATE	FAMILY:
70-143-EP7S-C4	C4	0.20	44.00	62.2	127	3	1090	1280	ATU 8/9/2019	

REMARKS: Single compartment PP tank, two vertical and six horizontal stiffeners. Houses Delta ECOPOD E75-N-IM1060 (750 gal/day). Requires min 750-gal pretreatment tank; max pretreatment volume is 2.5 times daily treatment capacity unless specified by the design engineer. The Delta ECOPOD ATU is NSF 245-certified.

## **NOTICE OF RIGHTS**

A party whose substantial interest is affected by this action may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. Chapter 28-106, Florida Administrative Code, governs such proceedings. A petition for hearing must be in writing and must be received by the Agency Clerk for the Department within twenty-one (21) days from receipt of this notice. The petition may be mailed to the Agency Clerk, Department of Health, 4052 Bald Cypress Way, BIN #A-02, Tallahassee, FL 32399-1703; hand delivered to the Agency Clerk, Department of Health, 2585 Merchants Row Blvd., Prather Building, Suite 110, Tallahassee, FL; or sent by facsimile to (850) 413-8743.

Mediation is not available as an alternative remedy.

The failure of any person to file a petition for hearing within 21 days from receipt of this notice will constitute a waiver of that person's right to an administrative hearing, and this notice shall become a "Final Order."

Should this notice become a "Final Order," a party who is adversely affected by it is entitled to judicial review pursuant to section 120.68, Florida Statutes. Review proceedings are governed by the Florida Rules of Appellate Procedure. Such Proceedings may be commenced by filing one copy of a Notice of Appeal with the Agency Clerk of the Department of Health and a second copy, accompanied by the filing fees required by law, with the Court of Appeal in the appropriate District Court. The notice must be filed within 30 days of the filing of the Final Order.