

The Florida Department of Health has granted approval for the use of Infiltrator Systems Inc. EZflow brand 1003H, 1003H-GEO, 1003T, 1006H, 1203H, and 1203H-GEO. EZflow systems shall be installed in the following applications:

1. Gravity Distribution
2. Low-Pressure Distribution
3. Lift Dosing
4. Drain Trenches and Absorption Beds

EZflow systems shall be installed to meet sections 381.0065-381.0067, Florida Statutes, and all rules in Chapter 64E-6, Florida Administrative Code. EZflow system installations shall meet the same code requirements as a standard subsurface drainfield.

EZflow products are labeled with the manufacturer name and model number on each 10' section of the GEO fabric (as shown in the photo to the right).

Infiltrator Systems Inc. shall certify all installers during or prior to their first installation through EZflow Certification Training. Only certified installers are permitted to install EZflow product.

Materials & Equipment Needed

- EZflow Bundles
- EZflow Internal Pipe Couplers
- Pipe for Header and Inlet
- Backhoe
- Laser, Transit or Level
- Shovel & Rake

Installation Instructions

The instructions for EZflow products are given below. This product must be installed in accordance with the appropriate state regulations and codes.

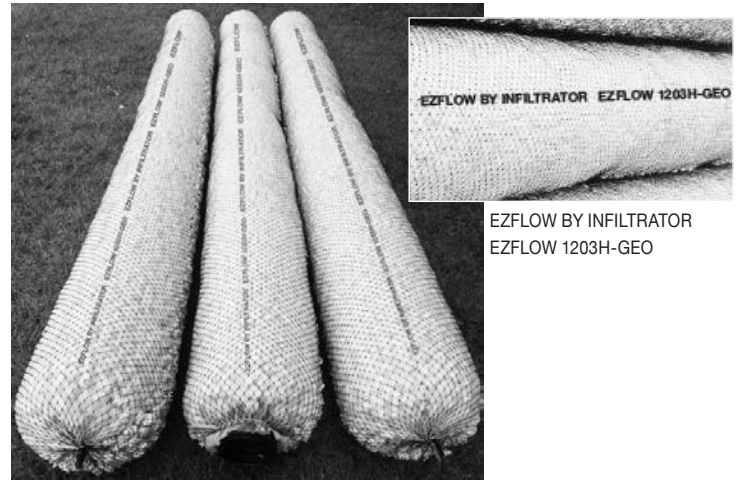
In cases where linear footage required is not in multiples of 10, the installer may (a) reduce the product to needed length and refasten netting to the pipe or, (b) use an additional 5 or 10 feet of product to exceed the required trench length.

1. After the local health department has issued a permit, stake or mark the location of the trenches and lines. Then, set the tank, invert pipe, headerline/distribution box, and trench elevations. Care should be taken to maintain the required vertical separation of at least 24-inches to the seasonal groundwater table.
2. To prevent smearing or compaction of soil, drainfields are not to be installed in soils with textures finer than sand, loamy sand or sandy loam, or where the soil moisture content is above the point at which the soil changes from semi-solid to plastic. If smearing or glazing of trench sidewalls and bottom has occurred in clay soils, it is recommended that these soil surfaces be raked or scarified.
3. The proper elevation of each trench's header pipe should be determined to ensure compliance with the trench bottom depth shown on the approved permit.
4. The drainfield shall receive effluent from a distribution box or header pipe as specified in 64E-6.014, Construction Standards for Drainfield Systems.
5. The minimum distance between trench sidewalls shall be 24-inches, per 64E-6.014(5)(a), FAC. In bed systems, EZflow configurations shall be placed side by side, with no space between bundles.
6. Remove the plastic stretch wrap from the EZflow bundles prior to placing them in the trench(es). Remove any stretch wrap in the trench or bed before the system is covered.
7. Place the EZflow bundle(s) in the approved configuration. The center-most bundles containing pipe are joined end to end with



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Installation Instructions for EZflow Systems in Florida



an internal pipe coupler. The aggregate-only bundles should be butted against the other aggregate-only bundles and do not require any type of connection.

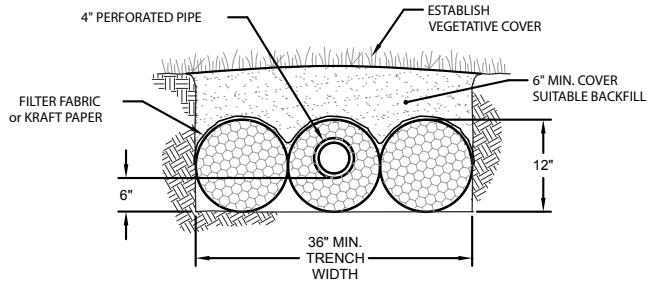
8. The top of each 1203H-GEO cylinder contains a pre-manufactured filter fabric between the netting and aggregate. The installer shall ensure that the fabric is on top and is in contact with the fabric contained in the adjacent cylinder before backfilling. The span of fabric at each sidewall shall not exceed 180 degree reach (i.e. 9 o'clock to 3 o'clock).
9. Header/effluent lines from the distribution box or device will be connected to the center-most pipe bundle in each trench or each line in a bed.
10. In beds or mounds, pipes shall be "looped" (connected) with an end manifold. For trench systems, looping ends are not required. If looping ends are not in the design, then the end lines shall be capped.
11. The trench bottom shall be level or with a downward slope not exceeding one (1) inch per ten (10) feet.
12. EZflow EPS bundles are flexible and can fit in curved trenches, as needed, to avoid trees or other obstacles.
13. Soil material excavated from trenches, if suitable per code, should be used in backfilling and should be left mounded over the trenches until initial settling has taken place. Soil within 6" of the EPS bundles shall be loosely placed and not compacted.

Inspection

Before covering the system, it shall be inspected by the department, per 64E-6.003(2). The area of the disposal field shall not be used for vehicular traffic, parking, or underground utilities (i.e. water lines). Dozers, trucks, and other heavy vehicles shall not be allowed to run over the septic tank, drainfield or other parts of the system.

Sod, hay, seed, or approved alternative vegetative cover should be utilized over the drainfield area to control erosion, as may be required by Permit or local policy.

EZflow 1203H-GEO TRENCH SYSTEM

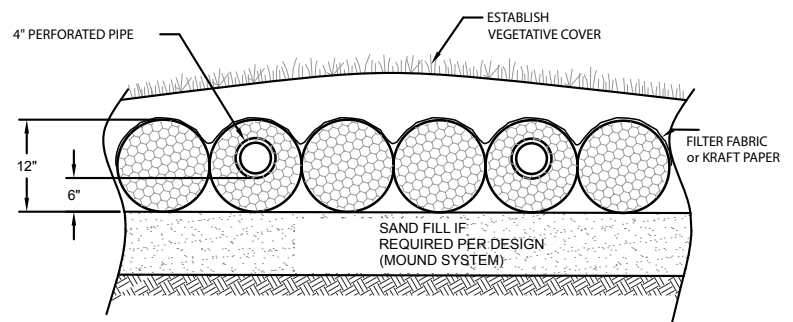


Sizing: 4 sf/lf (25% modification)

TRENCH

EXAMPLE: 300 sq ft. required
 $300 \text{ sf} \div 4 \text{ sf/lf} = 75 \text{ lf}$ required

EZflow 1203H-GEO BED SYSTEM



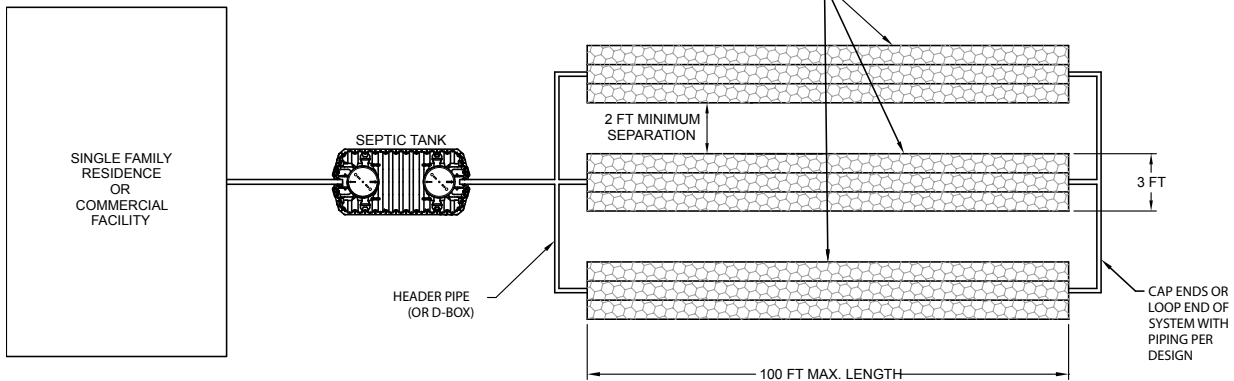
Sizing: 4 sf/lf (25% modification)

BED

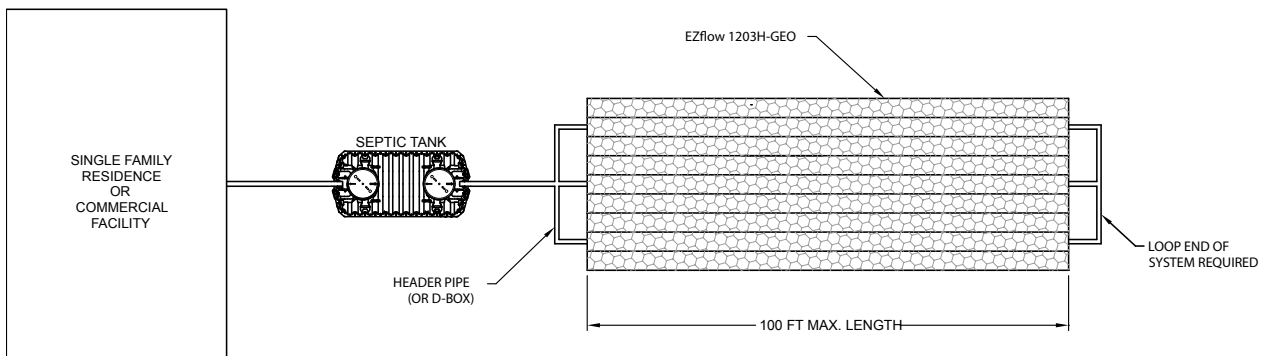
EXAMPLE: 300 sq ft. required
 $300 \text{ sf} \div 4 \text{ sf/lf} = 75 \text{ lf}$ required

FLORIDA STANDARD SITE PLAN MODELS

TYPICAL SITE PLAN
 NOT TO SCALE
 TOP VIEW



TYPICAL SITE PLAN
 NOT TO SCALE
 TOP VIEW



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Please contact Infiltrator Systems directly for any other details, such as mounds, beds, pressure dosing, pump and septic tanks.

U.S. Patents: 4,759,661; 5,017,041; 5,156,488; 5,336,017; 5,401,116; 5,401,459; 5,511,903; 5,716,163; 5,588,778; 5,839,844 Canadian Patents: 1,329,959; 2,004,564 Other patents pending. Infiltrator, Equalizer, Quick4, and SideWinder are registered trademarks of Infiltrator Systems Inc. Infiltrator is a registered trademark in France. Infiltrator Systems Inc. is a registered trademark in Mexico. Contour, MicroLeaching, PolyTuff, ChamberSpacer, MultiPort, PosiLock, QuickCut, QuickPlay, SnapLock and StraightLock are trademarks of Infiltrator Systems Inc. PolyLok is a trademark of PolyLok, Inc. TUF-TITE is a registered trademark of TUF-TITE, INC. Ultra-Rib is a trademark of IPEX Inc.

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Contact Infiltrator Systems' Technical Services Department for assistance at 1-800-221-4436