

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: D031868

PIN #: 1812774687

OP DATE: 0410812005

SYSTEM USE:

- ☒ House
☐ Mobile Home
☐ Business
☐ Other

SEWAGE TYPE:

- ☒ Domestic
☐ Industrial

PUMP/SIPHON?:

- ☐ Yes
☒ No

PRESSURE MANIFOLD:

- ☐ Yes
☒ No

SYSTEM TYPE:

- ☐ I
☐ II
☒ III
☐ IV
☐ V
☐ VI
☐ Other

SUB TYPE:

- ☐ A
☐ B
☐ C
☐ D
☐ E
☐ F
☒ G

NBR BEDROOMS:

- ☐ 1
☐ 2
☐ 3
☒ 4
☐ 5
☐ 6
☐ Other

MAINT. SCHEDULE:

- ☐ Yes
☒ No

CERT. OPERATOR

- ☐ Yes
☒ No

GT ST PT SIZE

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|------------------|
| ☐ | ☐ | | 750 |
| ☐ | ☐ | ☐ | 900 |
| ☐ | ☐ | ☐ | 1,000 |
| ☐ | ☒ | ☐ | 1,200 |
| ☐ | ☐ | ☐ | 1,500 |
| ☐ | ☐ | ☐ | 1,800 |
| ☐ | ☐ | ☐ | 2,100 |
| ☐ | ☐ | ☐ | 2,500 |
| ☐ | ☐ | ☐ | 3,000 |
| ☐ | ☐ | ☐ | 4,000 |
| ☐ | ☐ | ☐ | 5,000 |
| ☐ | ☐ | ☐ | 8,000 |
| ☐ | ☐ | ☐ | 10,000 |
| ☐ | ☐ | ☐ | Other |
| ☒ | | ☒ | None/NA GT or PT |

DRAINFIELD SIZE(SQ. FT.)

01320

DRAIN TYPE:

- ☐ Stone
☒ EZ Flow
☐ Infiltrator
☐ Biodiffuser
☐ Cultec
☐ Drip
☐ Hancor
☐ Large Dia. Pipe
☐ Multi-Pipe
☐ Other

MAX DEPTH (IN.):

- ☐ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ 26 in. or less
☐ 28 in. or less
☐ 30 in. or less
☐ 32 in. or less
☒ 36 in. or less
☐ Other

STONE DEPTH (IN.):

- ☐ 8 in. or less
☒ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ Other

TRENCHES:

- ☒ Individual
☐ Bed

TRENCH WIDTH (IN.):

- ☐ 12 in. or less
☐ 18 in.
☐ 24 in.
☒ 36 in.
☐ 6 ft. or less
☐ 9 ft. or less
☐ Other

DH213

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT
NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED
UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: D031868 STATUS: A APP. DATE: 10/25/2004 BLDG. PERMIT#: 0051354
PIN: 1812.02 77 4687 000 TAX MAP: 0172 0000 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 14 NEW LIGHT JURISDICTION: WC ZONING: 80W
APPLICANT: RANDALL SHIRLEY BUILDERS
12212 RAVEN RIDGE RD
RALEIGH, NC 27614
(919) 847 - 7556
USE: HD USE: 101 ONE-FAMILY HOUSE
EXIST USE:
DISPOSAL: BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0
SITE: ADDRESS: 8688 BARRETT RIDGE RD
SUBDIVISION: COVINGTON RIDGE LOT: 16 ACRES: 1.28
DIRECTION: US1N L PURNELL RD GO 5MI R INTO COVINGTON RIDGE
L BARRETT RIDGE LOT ON R

Well System: WATER: COMMUNITY - TYPE: EXISTING

WELL LOG INFORMATION: DEPTH: _____ CASING DEPTH: _____ YIELD: _____ STATIC LEVEL: _____
WELLI CONTRACTOR: _____ REG.# _____ PUMP CONTRACTOR: _____ REG.# _____
Construction Compliance GROUT APPROVED ☐ DATE _____ EHS _____
WELLHEAD APPROVED ☐ DATE _____ EHS _____
SYSTEM FINALIZED ☐ DATE _____ EHS _____

COMMENTS:

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ INNOVATIVE LETTER: Y

INSTALLED BY: QUALITY LANDSCAPE
PROPRIETARY SYSTEM: E-EZ LAY PIPE
COMMENTS:

INSTALLATION APPROVED BY: [Signature]
FILTER NO: POLY LOK

OPERATIONS PERMIT ISSUED? ☒

OP DATE: 4-8-05 BY: [Signature]

This permit is based in part on information provided by the homeowner or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The Environmental Health Specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

As Built Information:

Date: 4-7-05 Benchmark: _____ Rod reading: _____ Distance to Structure: _____
ST: 1200 gals ID#: STB 857 D.O.M.: 1-10-05 Elev.: 5' ABOVE D-BOX Distance to Well: N/A
PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____
D-box/FD/PM elev.: 3-9 Supply Line: _____ ft. Pump/Control Panel: _____
Line 1: 5-8 5-8 5-9 Date: 4-7-05
Line 2: 6-4 6-11 6-11 Date: 4-7-05
Line 3: 7-11 8-0 8-1 Date: 4-7-05
Line 4: 8-10 8-10 1/2 8-11 Date: 4-7-05
Line 5: _____ Date: _____
Distance to P/L: 11' Notes: 4 LINES @ 110' EZ LAY

4th LINE HAS FLOW DIVIDER INSTALLED (55' EQ. SIDE OF DIVIDER)

LINE WAS MOVED BY ERIC GREEN AND CONTRACTOR DUE TO WATER SUPPLY LINE LOCATION

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L BARRETT RIDGE LOT ON R

IMPROVEMENT PERMIT

TANK SIZE: 1200 gal. PUMP Tank: ____ gal. SQ FT: 1320 INNOVATIVE MAX DEPTH LINE: 36 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: III G PUMP: N P/M: N
DAILY FLOW: 480 gal/day DESIGN FEE REQ?: N PAID?: WATER: COMMUNITY

COMMENTS:

IP ISSUED? Y DATE: 12/14/2004 BY: (EFG)  PHONE#: _____

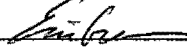
AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION

VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

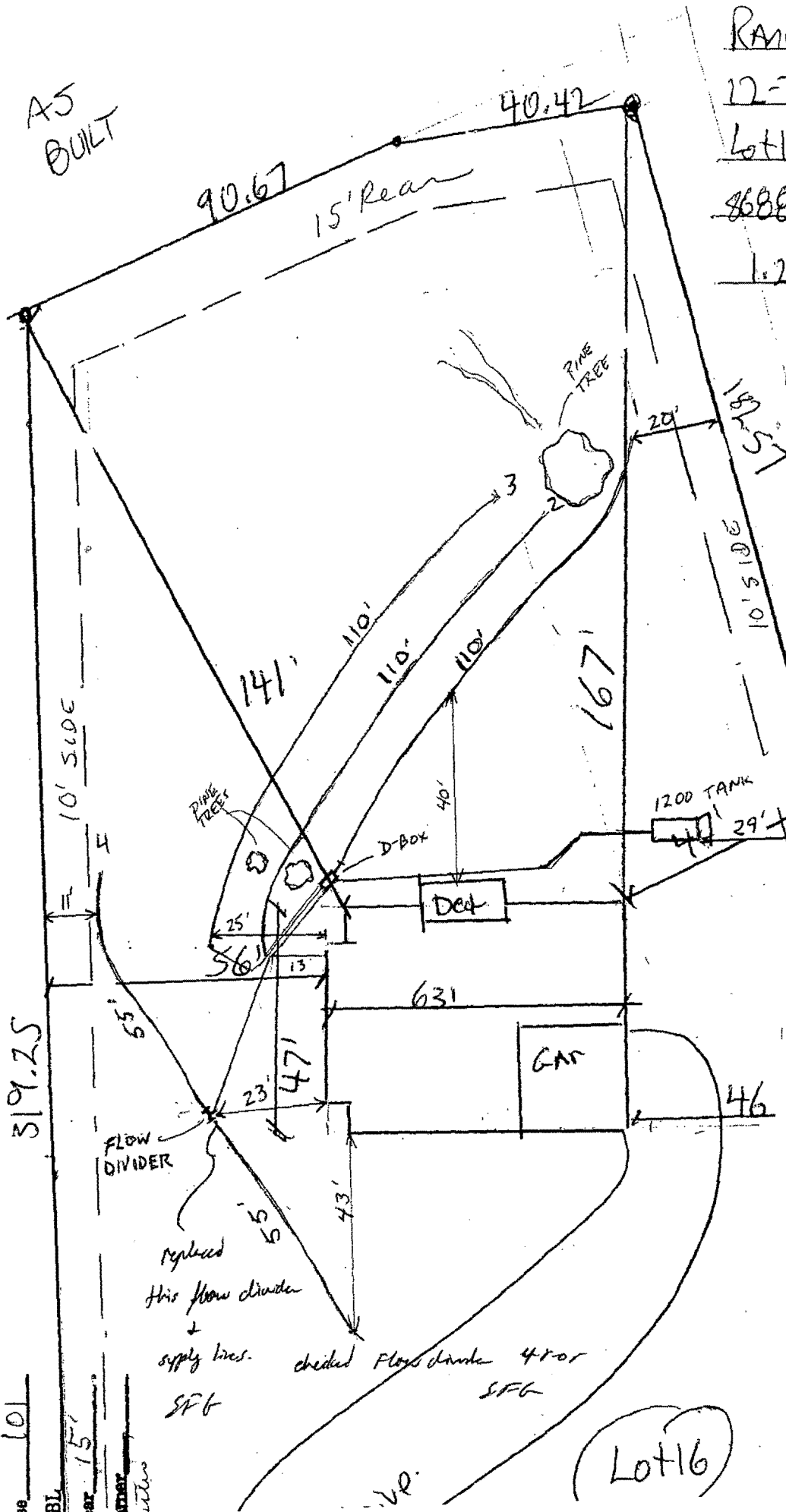
AUTHORIZATION CONDITIONS:

Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and an Operation Permit issued. **OTHER CONDITIONS:**
INSTALL SYSTEM ON CONTOUR FOLLOWING CA SITE PLAN, AND ALL STATE AND LOCAL REGULATIONS. NO STEP DOWNS SHALL BE USED. TRENCH WALLS SHALL BE SCARIFIED. SYSTEM/REPAIR AREAS SHALL BE FENCED OFF DURING CONSTRUCTION OF THE HOUSE. NO GRADING SHALL BE DONE WITHIN 15' OF THE SYSTEM OR REPAIR AREA. NO FILLING SHALL BE DONE IN SYSTEM/REPAIR AREA. NO UTILITIES/IRRIGATION SHALL CROSS SYSTEM/REPAIR AREA. NO GARBAGE DISPOSAL SHALL BE INSTALLED ON SEPTIC SYSTEM. SYSTEM AND REPAIR SHALL BE FLAGGED BY INSTALLER PRIOR TO INSTALLATION OF SYSTEM. IT IS RECOMMENDED THAT NO WATER SOFTENER BE INSTALLED ON THE SEPTIC SYSTEM. CALL WITH ANY QUESTIONS

TANK SIZE: 1200 gal. PUMP TANK: ____ gal. SQ FT: 1320 INNOVATIVE MAX DEPTH LINE: 36 in.
MAINT: N OPER: N L/O: Y TRENCH#: 4 LENGTH: 110 ft. WIDTH: 36 in. DESIGNER: WCEHS
SUBFIELDS: ____ DESIGN HEAD PRESSURE: ____ DESIGN FLOW: ____ gal/min DOSE VOLUME: ____ gal.

CA ISSUED? Y DATE: 12/14/2004 BY: (EFG)  PHONE#: _____

A5
BUILT



Randall Shielg
12-7-04 1:30
Lot 16 Cowan on Ridge
8688 Barrett Ridge Rd.
1.280 AC.

House - 2831
Artwalk Drive 2981
sidewalk 256
Total 6068

TOTAL Lot 55,765
to Imp 10.87%

90 MAX -
Imp #11,726

→ Revises for
ERIC GREEN

Permit #
0051354
D031868

SBC
ate 12-8-04
101
BL
15'
192.47

CA

- 4(110'x7') Innovation
- 1200 gallon ST
- 36" m. T.O.
- Security Fence Walls
- Call w/ questions

Randall Shierly

12-7-04 1:30

Lot 16 Colington Ridge

8688 Barrett Ridge Rd.

1.280 Ac.

House - 2831

Actual Drive 2981

Side Walk 256

Total 6068

Total Lot 55,765

% Imp 10.87%

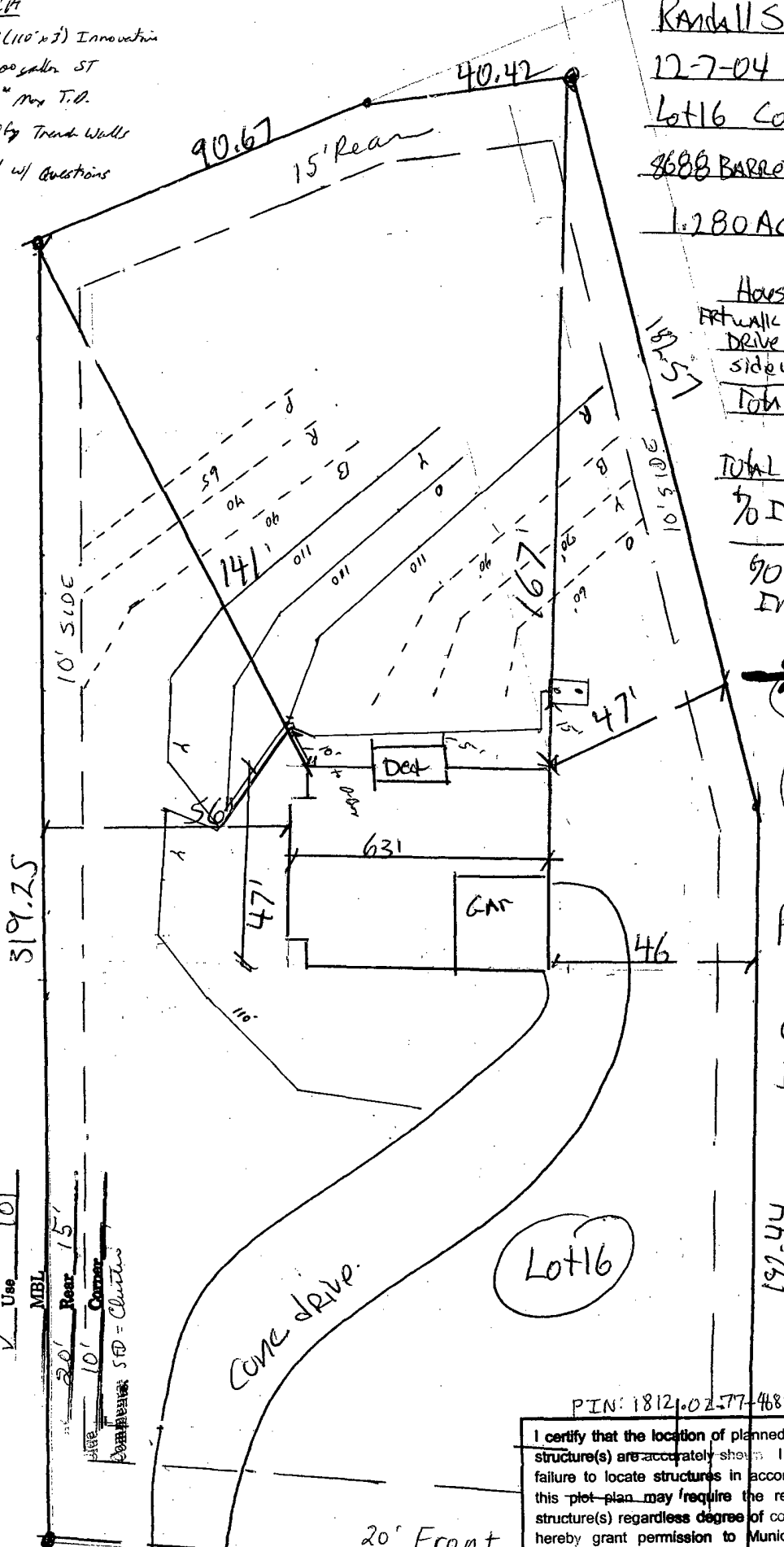
90 MAX -
Imp. 11,726

Revised for
ERIC
Green

Permit #
0051354
D031868

Zoning R80W By SBC
Date 12-8-04
Use 101

MBL
20' Rear 15'
10' Corner
Compliance SFD = Clinton



PIN: 1812102577-4687

I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to locate structures in accordance with this plot plan may require the relocation of structure(s) regardless degree of completion. I hereby grant permission to Municipal/City Representative the right of entry to make evaluations and actions upon this property.

RANDALL SHIERLY
Signature of Owner or Authorized Agent SBC



Environmental
Services

tel. 919 8367400
fax 919 8367407

Water, Wastewater & Development Services
336 Fayetteville St. • P.O. Box 550 • Raleigh, NC 27602

ATT. ERIC GREEN

I, Randall Shiel hereby request the chamber system or
polystyrene aggregate system called innovative to
be used in my sewage disposal system. I understand that I will be
granted a 25% reduction in the amount of required drainfield for my
property. My property is located at 6116 Covington Ridge
8688 Barrett Ridge Rd.

Randall Shiel Owner
12-14-04 Date

D#
Biding Permit # 0051354
PIN:

Generic Name

Proprietary Name

- | | |
|---|--|
| ☐ Drip System | "Perco-Rite" Subsurface |
| ☐ Chamber Trench Sys. | "Infiltrator" Chambered |
| ☐ Brunswick Bed/Fill Sys. | "Brunswick" Bed/Fill |
| ☐ Chamber Trench Sys. | "Hancor EnviroChamber" |
| ☐ Polystyrene Aggregate Tr | Houck Drainage Sys. |
| ☐ Chamber Trench | "Contractor Model 75, 100, 125, and field drain" |
| ☐ Polyethylene | Norwesco P.E. Tanks |
| ☐ Sand Filter Pretreatment | Pressure Dosed Sand |
| ☐ Chamber Trench | "Bio Diffuser" Low Profile |
| ☐ Peat Filter Pret. Sys. | Puraflo Peat Biofilter Sys. |
| ☐ Fibermesh Reinforced Tanks | Fibermesh Reinforced Tank |