Supervisor/Administrative Professional Checklist

New Septic ☐ New Well ☐ Use Existing ☒ Alteration ☐ Modified Plot Plan ☐

New Septic Fees Paid

IP ($250.00) _____ Initials/Date

CA ($200.00) _____ Initials/Date

OP ($200.00) _____ Initials/Date

(CA and OP fees need to be paid before a building permit can be issued)

New Well Fee Paid: $550.00 _____ Initials/Date

Use Existing Fee Paid: $100.00 2/12/18 LE Initials/Date

Alteration Fee Paid: $300.00 (Total) $200 (If use existing was paid) _____ Initials/Date

Modified Plot Plan Fee Paid: $100.00 _____ Initials/Date

Floor plans need to be submitted and reviewed before CA can be issued. ☐ Reviewed ☐ ____

This site is served by septic and well. Verify each is complete before final hold is released. ☐

Septic file completed. ☐ _____ Well file completed. ☐ _____

Send permit for signature. ☐ Signature received. ☐ _____

This septic system requires a certified operator contract before final hold is released. ☐

Certified operator contract is on file. ☐ _____

21601 #9419

12 FEB '18 AM 8:12

MECKLENBURG COUNTY
HEALTH DEPARTMENT

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM / WATER SUPPLY WELL

APPLICATION TYPE: ○ SEPTIC ONLY ○ WELL ONLY ● SEPTIC & WELL
○ ADDITION OR RENOVATION WITH OCCUPANCY INCREASE
● ADDITION OR RENOVATION WITH NO OCCUPANCY INCREASE
○ EXCHANGE MOBILE HOME (SAME # BEDROOMS)
○ COMMERCIAL OR INDUSTRIAL

PERSON FILING APPLICATION:
NAME: Eric Squire
ADDRESS: 11104 Raptor Court
CITY: Charlotte
STATE: NC ZIP: 28278
PHONE: 704 705 0455
ALTERNATE PHONE:
E-MAIL: TSQUARE@Gmail.COM

PROPERTY OWNER: ☑ SAME AS PERSON FILING APPLICATION
NAME:
ADDRESS:
CITY:
STATE: ZIP:
PHONE:
ALTERNATE PHONE:
E-MAIL:

JOB LOCATION INFORMATION
TAX PARCEL #: 1133 8117
STREET ADDRESS: 11109 Mount Olive church
CITY: Charlotte
STATE: NC ZIP: 28278

SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #:

WATER SUPPLY:
○ MUNICIPAL ● PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER

RESIDENTIAL PROPERTY TYPE: ○ N/A
● HOUSE ○ MODULAR HOME ○ MULTIPLE FAMILY
○ SINGLE MOBILE HOME ○ DOUBLE WIDE
○ OTHER

OCCUPANCY (both fields are required):
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 3

COMMERCIAL / INDUSTRIAL PROPERTY TYPE: ☐ N/A
TYPE OF BUSINESS:
EMPLOYEES PER SHIFT:
OF SHIFTS:
INDUSTRIAL WASTES? ○ YES ○ NO
UNDERGROUND STORAGE TANKS? ○ YES ○ NO

ADDITION/RENOVATION TYPE ATTACHED TO EXISTING STRUCTURE:
☐ BEDROOM ☐ BATHROOM ☐ KITCHEN ☐ DINING ROOM ☐ LIVING ROOM ☐ DEN
☐ GARAGE ☐ SUNROOM ☐ PORCH ☒ DECK ☐ OTHER

ADDITION/RENOVATION TYPE DETACHED FROM EXISTING STRUCTURE:
☐ DETACHED GARAGE ☐ DETACHED GARAGE WITH PLUMBING ☐ POOL HOUSE ☐ SHOP ☐ BARN
☒ STORAGE SHED ☐ DETACHED PORCH / DECK ☐ OTHER

*The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature

2.9.18
Date

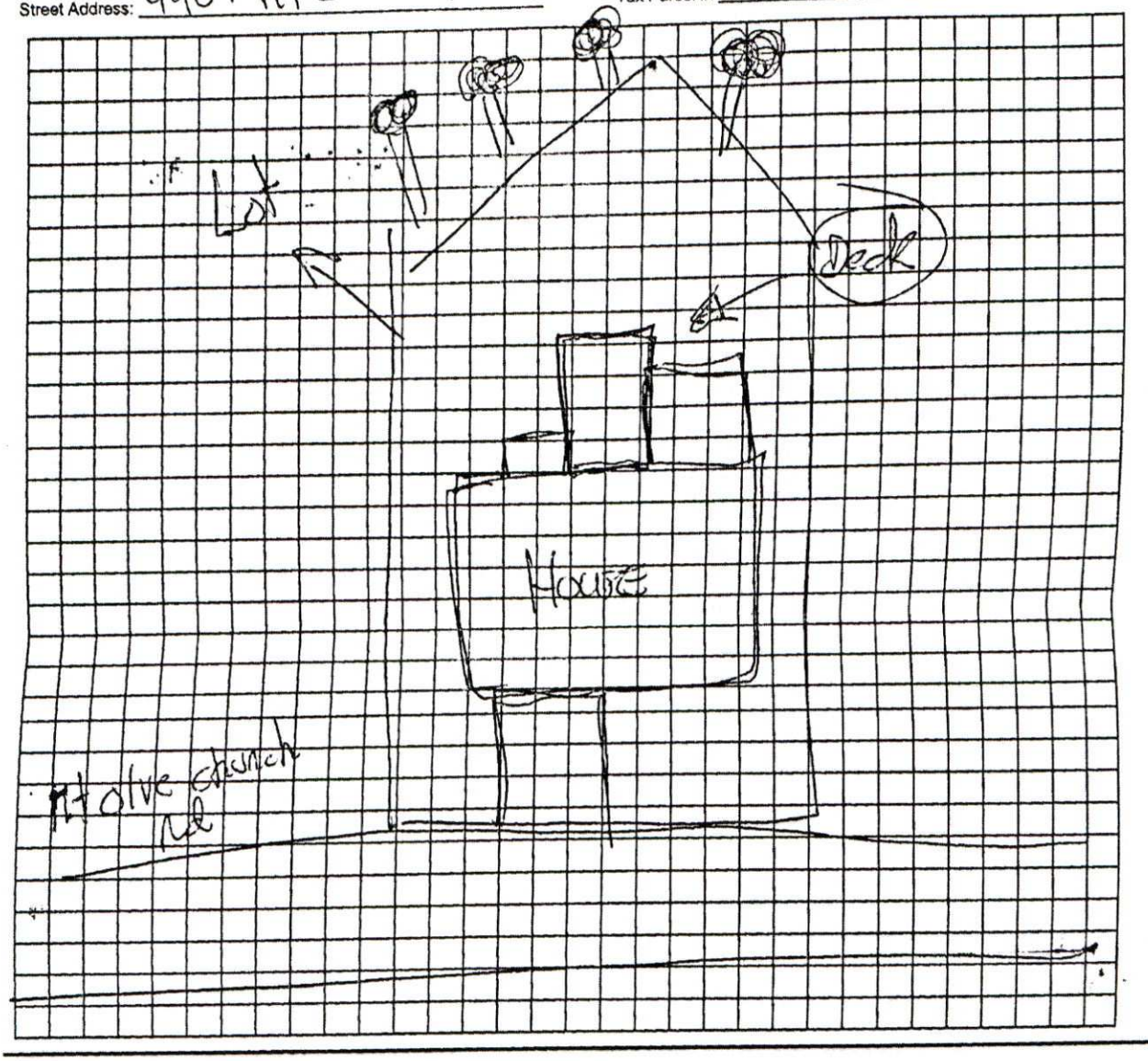
A PROPOSED PLOT PLAN (see page 2) is required to be submitted with each application.

File #: _____

PROPOSED PLOT PLAN

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: 4409 Mt olive church rd Tax Parcel #: 1338117



*The undersigned, an authorized agent of the Mecklenburg County Health Department, certifies that the Department has approved the Request for the "Job Location" contained in this document. This approval is granted in accordance with the provisions of Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal and Water Supply Wells in effect at the time of issuance of the permit and is subject to the following provisions:

- No work shall be conducted on the septic tank system until an installation, construction, alteration and/or repair approval is granted by this Department.
- This permit is not transferable.
- Addition/Renovation approval valid 1 year from issuance date
- Mobile home exchange approval valid 6 months from issuance date

New construction meets required setbacks.

REHS Signature 2/19/18 Date

Bradley W. Hallman

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 01/03/11

Easwe Storage building is 5ft min of system

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	02/12/18	**Amount:**	100.00
Receipt #:	109354	**Tendered:**	100.00
Check / Auth #:	VISA 012648	**Returned:**	0.00
Received By:	ELLISLW		

Account Information

Account #: 200000
Contractor: ~~SOURCE~~, ERIC
Attn: Souar, ERIC
Address: 16104 RAPTOR CT
Address:
City/State/Zip: CHARLOTTE, NC 28278

Item	Description	Permit#	Quantity	Unit Price	Total Price
0705	Use Existing System 4409 MOUNT OLIVE CHURCH RD		1	100.00	100.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

Payment Receipt

Mecklenburg County POS

Environmental Health
700 N. Tryon Street
Charlotte, NC 28202
Phone: 704-336-5100

Enter Account # or Customer Name Here: ERIC SOURCE

Bill To:

ERIC SOURCE
16104 RAPTOR CT

Charlotte, NC 28278

Single Payment

Transaction Date: 02/12/2018 7:15 AM Pacific Time
Pay Method: VISA **********4093
Approval #: 012648
Trace Number: 934b7167-6e54-45a6-9299-006eb9dc20bd
Amount: $100.00

Payment Amount: $100.00

Total: $100.00

Thank you for your payment.

21601
#9309

MECKLENBURG COUNTY
HEALTH DEPARTMENT

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION
FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. SEPTIC / TYPE APPLICATION: ○ N/A ○ NEW SYSTEM ○ ALTERATION ○ REPAIR ✓ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ○ N/A ○ NEW WELL ○ MAJOR REPAIR ○ ABANDONMENT

3. JOB LOCATION INFORMATION:
TAX PARCEL NUMBER: 113 381 17
STREET ADDRESS: 6409 Mt olive Church Rd
CITY: Charlotte
STATE: NC ZIP: 28273
SUBDIVISION NAME: _____
LOT #: _____ LOT SIZE (acres): .49
TOWNSHIP:
✓ MECKLENBURG ○ CORNELIUS ○ HUNTERSVILLE
○ DAVIDSON ○ CHARLOTTE ○ PINEVILLE
○ MATTHEWS ○ MINT HILL

4. BUILDING INFORMATION:
BUILDING TYPE:
○ SINGLE MOBILE HOME ○ MODULAR HOME
○ DOUBLE WIDE ○ MULTIPLE FAMILY
✓ HOUSE ○ OTHER _____
HEATED SQUARE FOOTAGE: _____
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 4
FOUNDATION TYPE:
○ CONCRETE SLAB ○ BASEMENT WITH PLUMBING
✓ CRAWL SPACE ○ BASEMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ☑ N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ○ MUNICIPAL ○ PRIVATE WELL ○ OTHER _____

7. PROPOSED USE OF WELL: ○ N/A ○ IRRIGATION ○ OTHER _____

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYST -MOST DESIRED 5-LEAST DESIRED):
☐ N/A ☑ ANY TYPE ☐ CONVENTIONAL ☐ AC VE ☐ OTHER _____

8A. RANK: ___ ___ ___

File

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPE CH SUPPORTING DOCUMENTATION,

BURIED CABLES, LANDFILLS, STUMPHOLES	○ YES	RMED	○ YES ✓ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	○ YES ✓ NO	JURISDICTIONAL WETLANDS	○ YES ✓ NO
WELLS, SPRINGS, OR WATER LINES	○ YES ✓ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	○ YES ✓ NO
EASEMENTS OR RIGHT-OF-WAYS	○ YES ✓ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	○ YES ✓ NO
CHEMICAL/PETROLEUM STORAGE TANKS	○ YES ✓ NO	KNOWN UNDERGROUND CONTAMINATION	○ YES ✓ NO
WASTE STORAGE	○ YES ✓ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	○ YES ✓ NO

10. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 9/10/1979 ☑ UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? Dec 15, 2010 ☐ N/A

12. PROPERTY OWNER:
NAME: Eric Square
ADDRESS: 16104 Rapton ct
CITY: Charlotte
STATE: NC ZIP: 28278
WORK PHONE: _____
MOBILE PHONE: 704 705 0455
FAX: _____
E-MAIL: tsquare@gmail.com

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:
NAME: _____
ADDRESS: _____
CITY: _____
STATE: _____ ZIP: _____
WORK PHONE: _____
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 12/15/10

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

_____ (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of twelve (12) months from the date of issuance.

_____ (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below. A PROPOSED PLOT PLAN is required to be submitted with each application.

_____ 11·21·17

Property Owner's or Owner's Legal Representative Signature — Date

---

OFFICE USE ONLY

○ SURVEY PLAT TO SCALE SUBMITTED ○ SCALED SITE PLAN SUBMITTED ○ UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

WELL APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

21601
#9309

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30009309 GWS File #: 21601 Tax Parcel #: 113-381-17

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is NOT transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 11/22/2022

Type of Installation: Residential - Modified Plot Plan Lot Number: 0

Structure Type: HOUSE Size (ft^2): 0 # Bedrooms: 4 Max. Occup.: 8

Building Foundation: Crawl Space Water Supply: Private Well

II. Initial System Type: Pump to Approved **System Classification:** IIIb

Initial System Specifications:

Design Flow (gpd): 480 LTAR (gpd/ft^2): 0.3 Septic Tank Size (gal): 1000 Pump Tank Size (gal): 1000

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 1200 Total Trench Length (ft): 400

Maximum Trench Depth (in): 36 Depth of Media (in): 12 Distribution Device: Drop Boxes

III. Repair System Type: N/A **System Classification:** N/A

Repair System Specifications:

Design Flow (gpd): 0 LTAR (gpd/ft^2): 0.3 Septic Tank Size (gal): 0 Pump Tank Size (gal): 0

Trench Width (ft): 0 Trench Spacing (ft): 0 Absorption Area (ft^2): 0 Total Trench Length (ft): 0

Maximum Trench Depth (in): 0 Depth of Media (in): 0 Distribution Device: N/A

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Philo Walker

Signature: Philo Walker REHS

Date Issued: 11/22/2017

Owner/Legal Agent: ERIC SQUARE
Print Name

Signature:

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (980) 314-1950 Fax: (704) 336-5364

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30009309 GWS File #: 21601

IV. Permit Conditions/Comments:

- This type of septic system requires an inspection once every 5 years by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- 100% repair area is not required for this property. However, the maximum feasible area shall be allocated for a repair area.
- The septic system shall be installed in accordance with the plans submitted by the wastewater system design consultant.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.
- Upon completion of the project the system designer shall provide Groundwater & Wastewater Services with a letter certifying that the system was installed in accordance with the approved design.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 10 feet from any foundation drain.

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
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- The permitted system shall be installed in accordance with the included PLOT PLAN.
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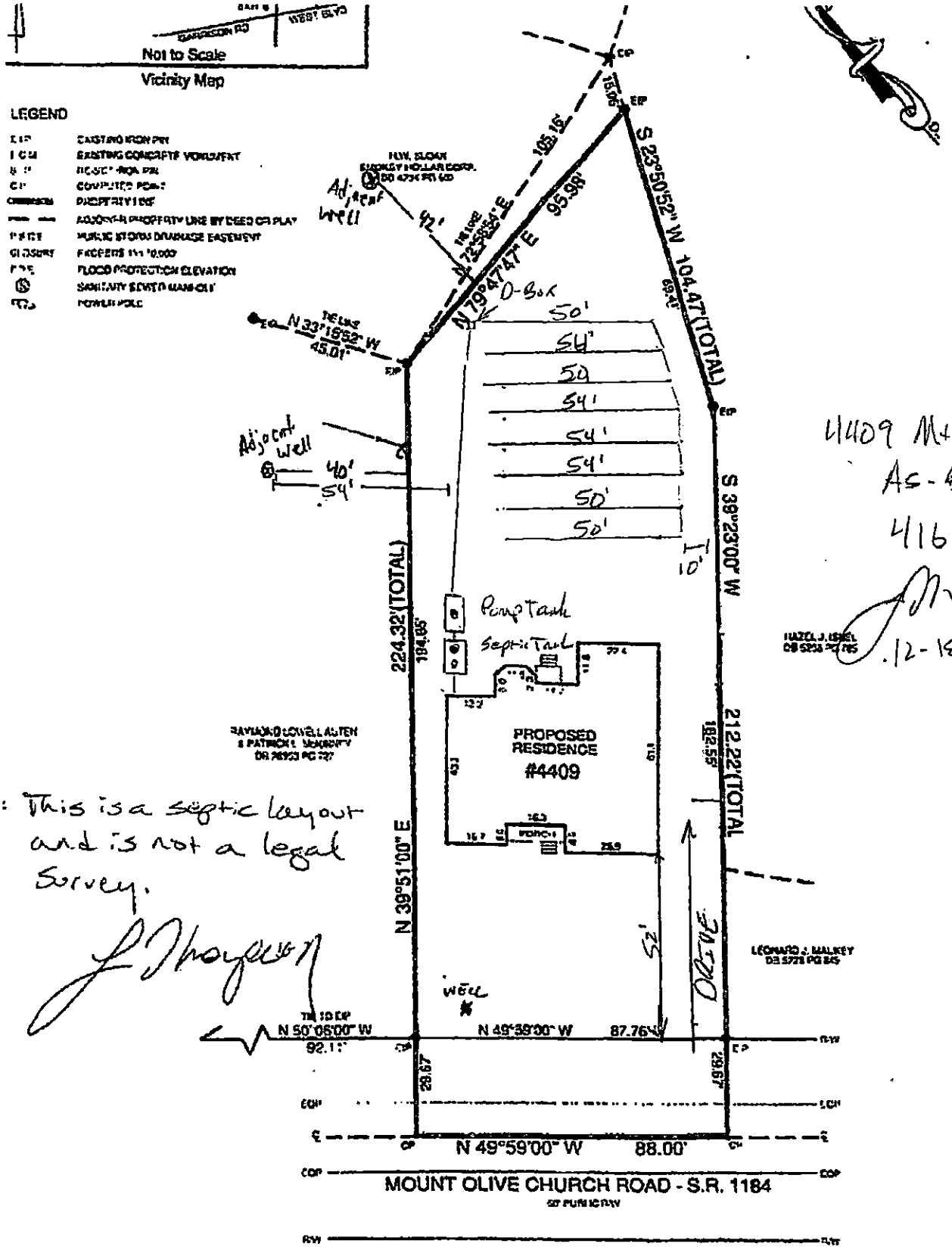
Authorized Agent: Philo Walker

Signature: Philo Walker REHS

Date Issued: 11/22/2017

Owner/Legal Agent: Chris Swartz

Signature: Chris Swartz



4409 Mt. Olive Road
As-Built
416 LF

12-18-17

This is a septic layout and is not a legal survey.

Plot Plan SURVEY

OF

0.518 Acres @ 4409 Mount Olive Church Road (S.R. 1184) - Tax Parcel #: 113-3

SCALE 1"= 40' Charlotte, Mecklenburg County, N.C.

THE PROPERTY OF Eric Hamed Souare and Ana Aguilar

MECKLENBURG COUNTY
Health Department

Gibbie Harris, MSPH, BSN
Health Director

(704) 336-4700

November 21, 2017

Eric Souare
16104 Raptor Ct.
Charlotte NC 28278

RE: **Notice of Intent to Revoke Improvement Permit**

Dear Eric Souare:

The Mecklenburg County Health Department inspected the site for the on-site wastewater system located at 4409 Mt Olive Church Rd., File # 21601, Tax # 113-381-17, Application # 6860 for compliance with the Laws (Article 11 of Chapter 130A of the North Carolina General Statutes), Rules (15A NCAC 18A .1900 et seq.), and Improvement Permit # **6860** conditions. As a result of this inspection, the Department has determined the following violations:

.1945 AVAILABLE SPACE
(a) Sites shall have sufficient available space to permit the installation and proper functioning of ground absorption sewage treatment and disposal systems, based upon the square footage of nitrification field required for the long-term acceptance rate determined in accordance with these Rules.
(b) Sites shall have sufficient available space for a repair area separate from the area determined in Paragraph (a) of this Rule. The repair area shall be based upon the area of nitrification field required to accommodate the installation of a replacement system as specified in Rule .1955, .1956, or .1957 of this Section. Prior to issuance of the initial Improvement Permit for a site, the local health department shall designate on the permit the original system layout, the repair area, and the type of replacement system

This is to notify you that based on these violations, the Department intends to revoke your Improvement Permit 30 days from the date of this notice.

If the health department determines that all of the violations have been corrected before thirty (30) days expire, the revocation will not go into effect. If the permit is revoked, you must apply for a new Improvement Permit and meet the current laws and rules necessary to obtain a new permit.

You have a right to an informal review of this decision. You may request an informal review by the environmental health supervisor at the local health department. You may also request an informal review by the N. C. Department of Health and Human Services Regional Soil Scientist. A request for informal review must be made in writing to the local health department.

You have the right to a formal appeal of this decision by filing a petition for a contested case hearing with the Office of Administration Hearings, 6714 Mail Service Center, Raleigh, NC, 27699-6714. To obtain a petition form (H-06), you may write the Office of Administrative Hearings, call that office at (919) 431-3000 or get a copy of the petition form from their web site at www.ncoah.com/forms.html. The petition for a contested case hearing must be filed in

MECKLENBURG COUNTY
Health Department

Gibbie Harris,MSPH, BSN
Health Director

(704) 336-4700

Voluntary Relinquishment of Administrative Appeal Rights
(Completion of Form by Property Owner)

November 21, 2017_____(Date)

Owner: Eric Souare_____
Address: 4409 Mt Olive Church Rd._____
Charlotte, NC 28278_____

Subject: Voluntary Relinquishment of Administrative Appeal Rights

(specify Permit ID/owner's name/property location/site legal description): Eric Souare, 4409 Mt Olive Church Rd, Charlotte, NC 28278, Permit ID 6860 ,PID 113-381-17 , File # 21601_____

I, Eric Souare, voluntarily relinquish my rights to pursue a formal appeal through the Office of
(print full name)

Administrative Hearings pursuant to NC General Statute 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B for the above referenced permit in order for the authorized agent/local health department to issue the applicable permit (new IP and/or CA) for the site. I understand by completing this form the previous permit issued on 5/5/2014_____ for a system
(date)
ID 6860,_____
(system name)

for the site will be "revoked" immediately by the authorized agent/local health department.

_____
Signature of Property Owner

MECKLENBURG COUNTY
Health Department

Gibbie Harris, MSPH, BSN
Health Director

(704) 336-4700

November 21, 2017

Eric Souare
16104 Raptor Ct.
Charlotte NC 28278

RE: **Notice of Intent to Revoke Improvement Permit**

Dear Eric Souare:

The Mecklenburg County Health Department inspected the site for the on-site wastewater system located at 4409 Mt Olive Church Rd., File # 21601, Tax # 113-381-17, Application # 6860 for compliance with the Laws (Article 11 of Chapter 130A of the North Carolina General Statutes), Rules (15A NCAC 18A .1900 et seq.), and Improvement Permit # 6860 conditions. As a result of this inspection, the Department has determined the following violations:

.1945 AVAILABLE SPACE
(a) Sites shall have sufficient available space to permit the installation and proper functioning of ground absorption sewage treatment and disposal systems, based upon the square footage of nitrification field required for the long-term acceptance rate determined in accordance with these Rules.
(b) Sites shall have sufficient available space for a repair area separate from the area determined in Paragraph (a) of this Rule. The repair area shall be based upon the area of nitrification field required to accommodate the installation of a replacement system as specified in Rule .1955, .1956, or .1957 of this Section. Prior to issuance of the initial Improvement Permit for a site, the local health department shall designate on the permit the original system layout, the repair area, and the type of replacement system

This is to notify you that based on these violations, the Department intends to revoke your Improvement Permit 30 days from the date of this notice.

If the health department determines that all of the violations have been corrected before thirty (30) days expire, the revocation will not go into effect. If the permit is revoked, you must apply for a new Improvement Permit and meet the current laws and rules necessary to obtain a new permit.

You have a right to an informal review of this decision. You may request an informal review by the environmental health supervisor at the local health department. You may also request an informal review by the N. C. Department of Health and Human Services Regional Soil Scientist. A request for informal review must be made in writing to the local health department.

You have the right to a formal appeal of this decision by filing a petition for a contested case hearing with the Office of Administration Hearings, 6714 Mail Service Center, Raleigh, NC, 27699-6714. To obtain a petition form (H-06), you may write the Office of Administrative Hearings, call that office at (919) 431-3000 or get a copy of the petition form from their web site at www.ncoah.com/forms.html. The petition for a contested case hearing must be filed in

MECKLENBURG COUNTY

Gibbie Harris, MSPH, BSN
Health Director

Health Department

(704) 336-4700

accordance with the provisions of North Carolina General Statutes 130A-24, 150B-23, and all other applicable provisions of Chapter 150B. N.C. General Statute 130A-335(g) provides that your hearing would be held in the county where your property is located.

If you wish to pursue a formal appeal, you must file the petition form with the Office of Administrative Hearings **WITHIN 30 DAYS OF THE DATE OF THIS LETTER.** The date of this letter is November 21 ,2017. Meeting the 30 day deadline is critical to your right to a formal appeal. Beginning a formal appeal within 30 days will not interfere with any informal review that you may request.

If you file a petition for a contested case with the Office of Administrative Hearings, you are required by law (NCGS 150B-23) to serve a copy of your petition on the Office of General Counsel, NC Department of Health and Human Services, 2001 Mail Service Center, Raleigh, NC 27699-2001.

Do not serve the petition on your local health department. Sending a copy of your petition to the local health department will not satisfy the legal requirement in NC General Statute 150B-23 that you send a copy to the Office of General Counsel, 2001 Mail Service Center, NC Department of Health and Human Services.

You may call or write the local health department if you need additional information or assistance.

Sincerely,

Philo Walker REHS

Philo Walker, REHS
Senior Environmental Specialist
704-201-7673 cell
704-336-5570 office
philo.walker@mecklenburgcountync.gov email

GWS Septic System Design Review

GWS File #: 21601

Design Review:

"APPROVED" until both sections above

APPROVED status.

Residential Subsurface Wastewater Treatment and Disposal System Proposal

for

4409 Mount Olive Church Road
Charlotte, North Carolina

Tax Parcel # 113-381-17
MCGWS File # 21601
November 15, 2017

Prepared for:

Eric Souare
8027 Whitehall Eve Center Drive
Charlotte, NC 28273
704-705-0455

LICENSED SOIL SCIENTIST
LARRY B. THOMPSON JR.
1287
STATE OF NORTH CAROLINA

Prepared by:

Larry Thompson, REHS, PWS, LSS
John Roberts, LSS
Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107-0541
Phone: 704-301-4881
Fax: 704-888-6066
larry@thompsonenv.com

NORTH CAROLINA REGISTERED ENVIRONMENTAL HEALTH SPECIALIST SEAL 1208 LARRY B. THOMPSON JR.

cc: Mr. Philo Walker, REHS
Mecklenburg County Environmental Health

The property owner and builder must assure that the driveway and all utilities are routed around the proposed septic drainfield and septic drainfield repair area. These areas must be protected from traffic and any form of encroachment.

Details

Mr. Souare has contracted with Thompson Environmental Consulting, Inc. (TEC) to develop a revised proposal for an on-site wastewater treatment and disposal system that would allow for the construction of a 4-bedroom single family residence served by a private water supply to be located at 4409 Mount Olive Chapel Road, Charlotte, North Carolina.

Based upon an investigation performed by TEC it was determined that a sufficient amount of "Suitable" Group IV soils are available on this property for the installation of a Pump-To Accepted System with a state-approved 25% reduction in required drainline length. The lot appears to be a lot of record that may not require a 100% repair area, however, there is sufficient area to install a conservative minimum of 225 linear feet of Pre-Fabricated Porous Block Panel (PPBPS) lines.

Mr. Souare requests that Mecklenburg County Groundwater and Wastewater Services (MCGWS) consider re-issuing an Improvement Permit and Construction Authorization for a 4-bedroom residence to be located at the above address based upon the following revised proposal.

Location

The subject property is located at 4409 Mount Olive Church Road, Charlotte, NC. From Charlotte, travel west on US 74 approximately 5.7 miles and turn left onto Marshall Drive. Turn right onto Old Dowd Road and continue on Wallace Neel Road. Turn right onto Walkers Ferry Road and left onto Mount Olive Church Road. The subject property is approximately 0.1 mile on the left.

References

Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A, Section .1900, Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, July 2016.

Innovative Wastewater System No. IWWS-1993-2-R13; North Carolina Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, May 1, 2015.

Design, Installation and Maintenance of the T & J Panel Wastewater Treatment System; Sixth Edition, published by T & J Panel.

Primary Investigator's Credentials

NC Registered Sanitarian No. 1208
NC Licensed Soil Scientist No. 1287
NC Subsurface Septic System Operator No. 22199
NC Grade IV Wastewater System Installer No. 1762
NC Certified Wastewater System Inspector No. 17621

Plans and Specifications

A. Septic Tank

1. The septic tank shall be State approved (Section .1953 of 15A NCAC 18A), watertight, structurally sound, and 1000 gallons in capacity.
2. The septic tank will be fitted with an approved effluent filter and riser for easy access and periodic maintenance.
3. It is the responsibility of the septic contractor to thoroughly inspect the septic tank prior to accepting delivery to assure that the tank has had time to properly cure and is free of cracks or other structural deficiencies.

B. Pump Tank

1. The pump tank shall be State approved, of one-piece construction, watertight, structurally sound and 1000 gallons in capacity. Again, it is the responsibility of the septic tank contractor to thoroughly inspect each pump tank prior to accepting delivery.
2. All pipe penetrations into the tank shall be booted (i.e., C-293 boot with a stainless steel strap).
3. The pump tank shall have access risers that extend, at a minimum, 6 inches above finished grade and must have less than 36 inches of fill over its top once finished grade has been established (a reinforced concrete tank will be required if finished soil cover is 36 inches or greater in depth).
4. Floats, pump and control circuits, and the control panel shall meet the requirements of Rule .1952(c). Panel and control equipment shall include lightning protection, be protected from unauthorized access, and remain accessible at all times to the system operator.
5. The pump and alarm controls shall be provided with manual circuit disconnects within a watertight, corrosion resistant, Nema 4x rated control panel. The control panel must be securely mounted outside, adjacent to the pump tank riser and at a minimum of 12 inches above finished grade. Pump and float control wiring should be long enough to reach from the tank to the control panel without splicing, routed through wire conduit, and sealed at the openings within the pump tank as well as the control panel enclosure. It is paramount that the conduit is properly sealed to prevent the escape of flammable gases from the pump tank. Furthermore, there must be two electrical circuits for the pump tank controls: one for the pump and one for the alarm controls.

6. Float switch tie downs must be made of a corrosion resistant material (per OWPS, all metal in the tanks shall be stainless steel). Floats should be mounted on a separate "float tree" rather than the pump supply line (see pump tank detail).
7. The pump removal system will be via a pump tether made of nylon rope or its equivalent. The tether material should be resistant to mildew and rot.

C. Pipes and Fittings

1. All discharge piping, connectors and supply lines should be made of SCH 40 PVC.
2. All joints must be properly "welded" utilizing the appropriate PVC cement for each application.
3. The supply line will be approximately 195 feet long.

D. Distribution Method

1. The drainlines will be fed by serial distribution.

E. Drainfield Installation

1. The drainfield has been previously laid out on-site utilizing metal stemmed flags. Once this area has been approved by the MCGWS the property owner/builder should mark this area and isolate it as much as possible from construction traffic. Prior to the system installation, the septic contractor shall contact the MCGWS and the system designer for a preconstruction conference at which time the drainfield area will be re-verified.
2. Under no circumstances shall any construction take place within the drainfield area while the soil is in a wet condition. If the installer has doubts as to whether or not the drainfield area is dry enough to begin construction, the MCGWS should be contacted for permission to proceed with the installation.
3. The specified system the shallow placed innovative wastewater system "Biodiffuser" ARC 36 or other systems with a 25% reduction approval granted by the state.
4. The drainfield consists of seven (7) lateral trenches to be constructed 3-foot wide by various lengths: (1 at 40 feet, 1 at 55 feet, 1 at 60 feet and 4 at 65 feet).
5. The maximum trench depth for this system shall be **36 inches**.
6. The laterals are to be installed on contour with the land, keeping the individual trench bottoms level from beginning to end.
7. The trenches should be left open for the final inspection by the MCGWS.

F. Final Landscaping

1. Final cover over the drainfield shall be at least 6 inches deep (additional soil cover may be required to achieve the **6-inch requirement**).
2. The drainfield shall be shaped to shed rainwater and be free from low spots.
3. The drainfield area should be planted with grass as soon as possible to prevent erosion. The soil should be properly tilled, limed (if necessary) and fertilized prior

to planting. After applying grass seed, the area should be heavily mulched with straw or other suitable material.

G. Utility Conflicts

1. The builder and property owner must take special care in planning for water, power, gas, telephone and cable lines. These utilities shall be kept clear of all parts of the septic system and its proposed repair area. Improper planning for underground utilities can negatively impact the installation and, in some cases, cause irreparable damage and permit revocation. If there are any questions regarding preferred routes, contact the MCGWS as soon as possible.
2. Lawn irrigation should not be placed over the drainfield area.

Maintenance

H. In General

1. The homeowner must maintain the drainfield area through periodic mowing. The drainfield must not be allowed to become overgrown.
2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation that is equivalent to 25 percent of the volume of the tank. In some situations, the tanks may need to be pumped more frequently. If using a garbage disposal, it is recommended that the homeowner has the septic and pump tanks cleaned out annually.
3. When it becomes necessary to clean the effluent filter, the filter should be removed and the accumulated debris washed back into the septic tank – not onto the lawn.
4. Any damp areas, leakages or malfunctions in the drainfield area should be addressed immediately.
5. Divert gutter downspouts and surface water runoff away from the septic and pump tanks.

Design Specifics

Daily Design Flow:	480 GPD – 4 bedroom house
Septic Tank Size:	1,000 Gallons (minimum)
Pump Tank Size:	1,000 Gallons (minimum)
Effluent Loading Rate:	0.3 GPD per sq. ft.
Drainfield Type:	Accepted 25% Reduction
Distribution Method:	Serial Distribution
Number of Drainlines:	7
Drain Lines:	(1) 3' Wide x 40' Long

	(1) 3' Wide x 55' Long (1) 3' Wide x 60' Long (1) 3' Wide x 65' Long
Total Trench Length:	415 Linear Feet
Maximum Trench Depth:	36 Inches
Final Cover Requirement:	6 Inches

Repair Option

System Type:	Pressure-Dosed PPBPS
Total Length of Drainline:	225 Feet
Individual Drainline Lengths:	(1) 3' Wide x 40' Long (3) 3' Wide x 65' Long
Total Panels:	51
Head Pressure:	2 Feet
System Dose Volume:	183.60 Gallons
Pump Run Time:	8.78 Minutes
Pump Requirements:	20.91 GPM at 15 Feet TDH

**See attached PPBPS worksheet for more details*

*** See attached septic layout for more details*

PPBPS Design Worksheet							File #:	21601		
							Tax #:	113-381-17		
System Requirements							Address:	4409 Mt. Olive Church Road		
Design Flow	480	gpd						Charlotte, NC		
LTAR	0.355	gpd/ft.^2					Consultant:	Larry Thompson		
Linear footage	451	ft. (conventional)					Phone:	704-301-4881		
Linear footage	225	ft. (50% Reduction)								
							Reviewed By:			
Design Layout							Date:			
Laterals	Length (ft)	# Panels								
Line # 1	30	6								
Line # 2	65	15								
Line # 3	65	15								
Line # 4	65	15								
Totals	225	51								
Absorption Area										
Length (ft)	Width (ft)	Area (ft^2)								
225	3	675								
System Pressure Head	2	ft.	Value selected by system designer (must be between 2-5 ft.)							
Orifice Diameter	5/32	in.	Size selected by system designer (1/8 in. minimum)							
Flow Rate per Orifice	0.41	gpm	Determined from orifice flow design table (value dependent on pressure head & orifice diameter)							
Total System Flow Rate	20.91	gpm	Total number of panels required multiplied by the orifice flow rate							
System Dose Volume	183.60	gal.	Total number of panels required multiplied by 3.6 gal./panel							
Pump Run Time	8.78	min.	System dose volume divided by the total system flow rate							
Pump Tank Drawdown	9.18	in.								
Comments:										
1. Install system using 3 ft. wide trenches.										
2. Install drainlines on 9 ft. centers, level, and on contour.										
3. System design requires effluent pump for distribution.										
4. 100% repair area required for property.										

T & J Panels	
Linear Feet	# Panels
50	11
60	14
70	16
80	18
90	21
100	23

Thompson Environmental Consulting, Inc.
114 Orchard Ridge Road
Locust, NC 28097-8748
704-301-4881

COUNTY: Mecklenburg
TAX ID: 113-381-17

OWNER: Eric Souare
LOCATION: 4409 Mount Olive Church Road

DATE: June 13, 2014

PROFILES		SB-1	SB-2	SB-3	SB-4						
LANDSCAPE POSITION	.1940	I	I	I	I						
SLOPE (%)	.1940	5%	5%	5%	5%						
HORIZON 1 DEPTH	.1943	0-40	0-34	0-4	0-6						
TEXTURE	.1941 (a)(1)	c	c	sl	sl						
CONSISTENCE	.1941	fi	fi	fr	fr						
STRUCTURE	.1941 (a)(2)	sbk	sbk	gr	gr						
CLAY MINERALOGY	.1941 (a)(3)	se	se	-	-						
HORIZON 2 DEPTH	.1943	40-50+	34-50+	4-32	6-24						
TEXTURE	.1941 (a)(1)	c	c	c	c						
CONSISTENCE	.1941	fi	fi	fi	fi						
STRUCTURE	.1941 (a)(2)	sbk	sbk	sbk	sbk						
CLAY MINERALOGY	.1941 (a)(3)	se	se	se	se						
HORIZON 3 DEPTH	.1943			32-50+	24-50+						
TEXTURE	.1941 (a)(1)			c	c						
CONSISTENCE	.1941			fi	fi						
STRUCTURE	.1941 (a)(2)			sbk	sbk						
CLAY MINERALOGY	.1941 (a)(3)			se	se						
HORIZON 4 DEPTH	.1943										
TEXTURE	.1941 (a)(1)										
CONSISTENCE	.1941										
STRUCTURE	.1941 (a)(2)										
CLAY MINERALOGY	.1941 (a)(3)										
SOIL WETNESS	.1942										
RESTRICTIVE HORIZON	.1944										
SAPROLITE	.1943/.1956										
CLASSIFICATION	.1948	s	s	s	s						
L.T.A.R. (gpd/ft^2)	.1955	0.3	0.3	0.3	0.3						

OTHER FACTORS (.1946):		**SITE LTAR (gpd/ft^2):**	**0.3**
AVAILABLE SPACE (.1945):	provisionally suitable		
SITE CLASSIFICATION (.1948):	provisionally suitable	SYSTEM TYPE:	
EVALUATED BY:	John Roberts, LSS	OTHERS PRESENT:	

COMMENTS:

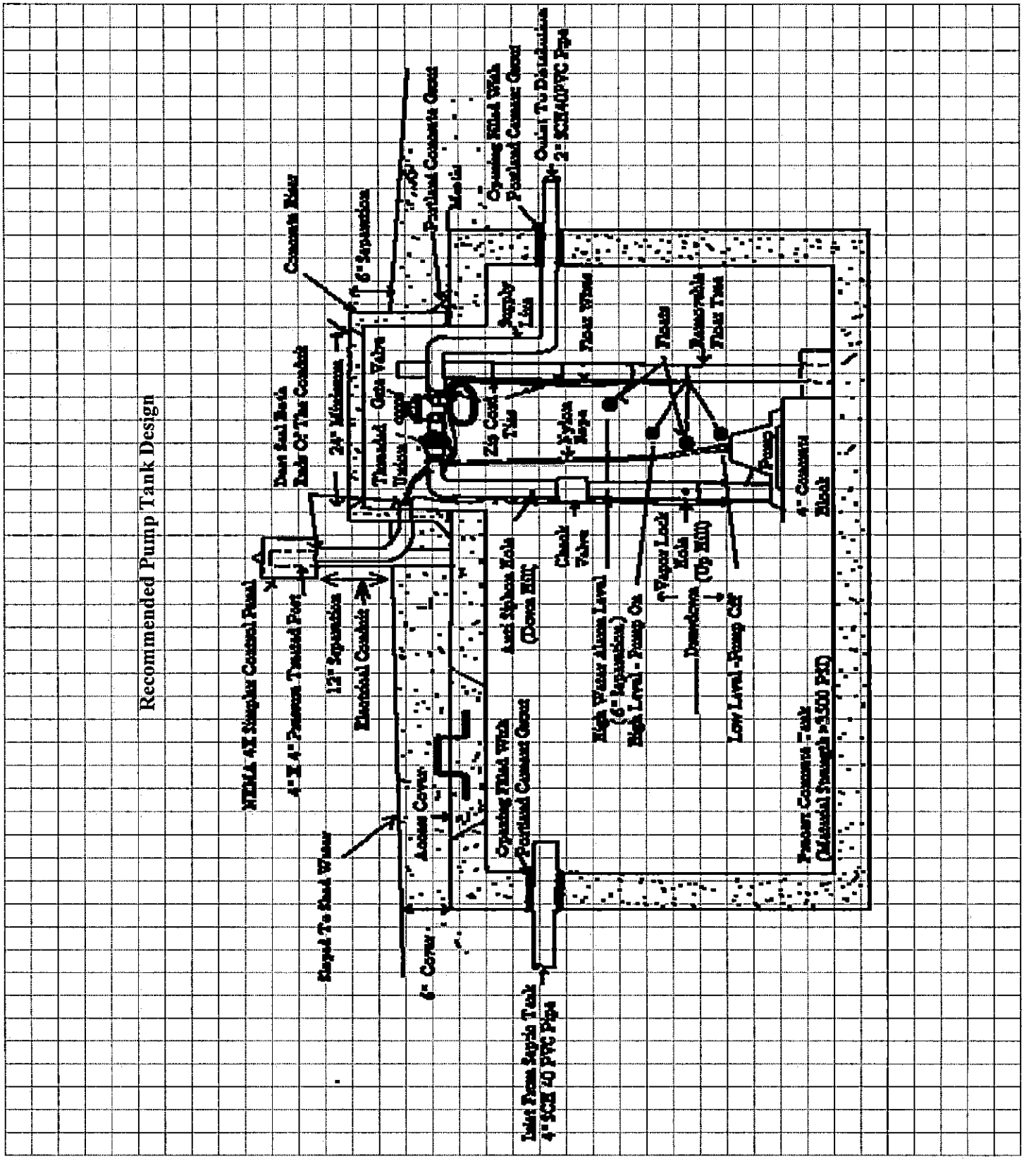
Thompson Environmental Consulting
PO Box 541
Midland, NC 28107-0541

Tax ID Number: 113-381-17

Location: 4409 Mount Olive Church Road

Date: November 15, 2017

Recommended Pump Tank Design



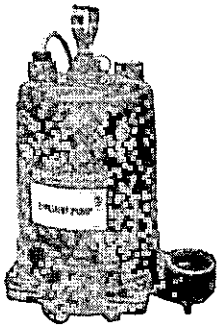
GOULDS PUMPS

Submersible Effluent Pump

MODEL 3885

WE Series

PROSURANCE AVAILABLE FOR RESIDENTIAL APPLICATIONS.



APPLICATIONS

Specifically designed for the following uses:

- Homes
- Farms
- Trailer courts
- Motels
- Schools
- Hospitals
- Industry
- Effluent systems

SPECIFICATIONS

Pump

- Solids handling capabilities: ¾" maximum.
- Discharge size: 2" NPT.
- Capacities: up to 140 GPM.
- Total heads: up to 128 feet TDH.
- Temperature: 104°F (40°C) continuous 140°F (60°C) intermittent.
- See order numbers on reverse side for specific HP, voltage, phase and RPM's available.

FEATURES

■ **Impeller:** Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.

■ **Casing:** Cast iron volute type for maximum efficiency. 2" NPT discharge.

■ **Mechanical Seal: SILICON CARBIDE VS. SILICON CARBIDE** sealing faces. Stainless steel metal parts, BUNA-N elastomers.

■ **Shaft:** Corrosion-resistant, stainless steel. Threaded design. Locknut on all models to guard against component damage on accidental reverse rotation.

■ **Fasteners:** 300 series stainless steel.

■ Capable of running dry without damage to components.

■ Designed for continuous operation when fully submerged.

MOTORS

■ Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.

■ Class B insulation on ⅓-1½ HP models.

■ Class F insulation on 2 HP models.

Single phase (60 Hz):

- Capacitor start motors for maximum starting torque.
- Built-in overload with automatic reset.
- SJTOW or STOW severe duty oil and water resistant power cords.
- ⅓ and ½ HP models have NEMA three prong grounding plugs.
- ¾ HP and larger units have bare lead cord ends.

Three phase (60 Hz):

- Class 10 overload protection must be provided in separately ordered starter unit.
- STOW power cords all have bare lead cord ends.

■ **Designed for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits, can be operated continuously without damage when fully submerged.

■ **Bearings:** Upper and lower heavy duty ball bearing construction.

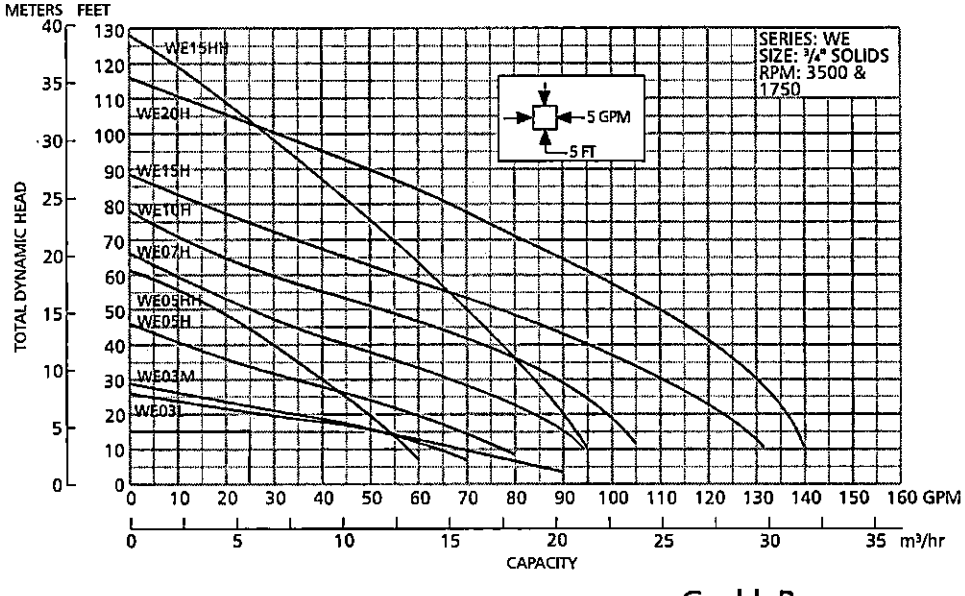
■ **Power Cable:** Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking. Standard cord is 20'. Optional lengths are available.

■ **O-ring:** Assures positive sealing against contaminants and oil leakage.

AGENCY LISTINGS

Tested to UL 778 and CSA 22.2 108 Standards By Canadian Standards Association File #LR38549

Goulds Pumps is ISO 9001 Registered.



Goulds Pumps

ITT Industries

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GOULDS PUMPS

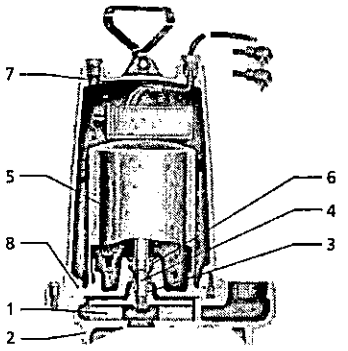
Submersible Effluent Pump

MODEL 3885

WE Series

COMPONENTS

Item No.	Description
1	Impeller
2	Casing
3	Mechanical Seal
4	Motor Shaft
5	Motor
6	Ball Bearings
7	Power Cable
8	Casing O-Ring



MODELS

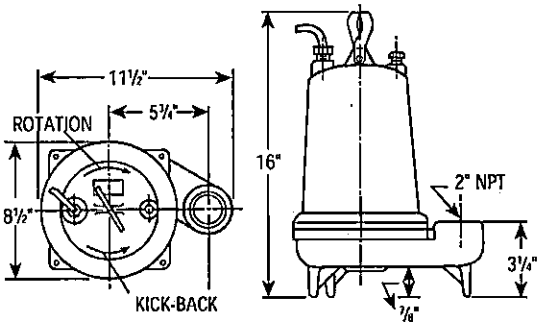
Order No.	HP	Volts	Phase	Max. Amp.	RPM	Solids	Wt. (lbs.)
WE0311L	⅓	115	1	10.7	1750	¾"	56
WE0318L		208		6.8			
WE0312L		230		4.9			
WE0311M		115		10.7			
WE0318M		208		6.8			
WE0312M		230		4.9			
WE0511H	½	115	1	14.5	3500		60
WE0518H		208		8.1			
WE0512H		230		7.3			
WE0538H		200	3	4.9			
WE0532H		230		3.3			
WE0534H		460		1.7			
WE0537H		575		1.4			
WE0511HH		115	1	14.5			
WE0518HH		208		8.1			
WE0512HH		230		7.3			
WE0538HH		200	3	4.9			
WE0532HH		230		3.6			
WE0534HH		460		1.8			
WE0537HH		575		1.5			
WE0718H	¾	208	1	11.0			70
WE0712H		230		10.0			
WE0738H		200	3	6.2			
WE0732H		230		5.4			
WE0734H		460		2.7			
WE0737H		575		2.2			
WE1018H	1	208	1	14.0			
WE1012H		230		12.5			
WE1038H		200	3	8.1			
WE1032H		230		7.0			
WE1034H		460		3.5			
WE1037H		575		2.8			
WE1518H	1½	208	1	17.5			80
WE1512H		230		15.7			
WE1538H		200	3	10.6			
WE1532H		230		9.2			
WE1534H		460		4.6			
WE1537H		575		3.7			
WE1518HH		208	1	17.5			
WE1512HH		230		15.7			
WE1538HH		200	3	10.6			
WE1532HH		230		9.2			
WE1534HH		460		4.6			
WE1537HH		575		3.7			
WE2012H	2	230	1	18.0			83
WE2038H		200	3	12.0			
WE2032H		230		11.6			
WE2034H		460		5.8			
WE2037H		575		4.7			

PERFORMANCE RATINGS (gallons per minute)

Order No.		WE03L	WE03M	WE05H	WE07H	WE10H	WE15H	WE05HH	WE15HH	WE20H
Total Head Feet of Water	HP	⅓	⅓	½	¾	1	1½	½	1½	2
	RPM	1750	1750	3500	3500	3500	3500	3500	3500	3500
	5	86	–	–	–	–	–	–	–	–
	10	70	63	78	–	–	–	58	–	–
	15	52	50	70	90	–	–	53	–	–
	20	27	35	60	83	98	123	49	90	136
	25	–	–	48	76	94	117	45	87	133
	30	–	–	35	67	88	110	40	83	130
	35	–	–	20	57	82	103	35	80	126
	40	–	–	–	45	74	95	30	77	121
	45	–	–	–	35	64	86	25	74	116
	50	–	–	–	25	53	77	–	70	110
	55	–	–	–	–	40	67	–	66	103
	60	–	–	–	–	30	56	–	63	96
	65	–	–	–	–	20	45	–	58	89
	70	–	–	–	–	–	35	–	55	81
	75	–	–	–	–	–	25	–	51	74
	80	–	–	–	–	–	–	–	47	66
	90	–	–	–	–	–	–	–	37	49
	100	–	–	–	–	–	–	–	28	30

DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)



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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

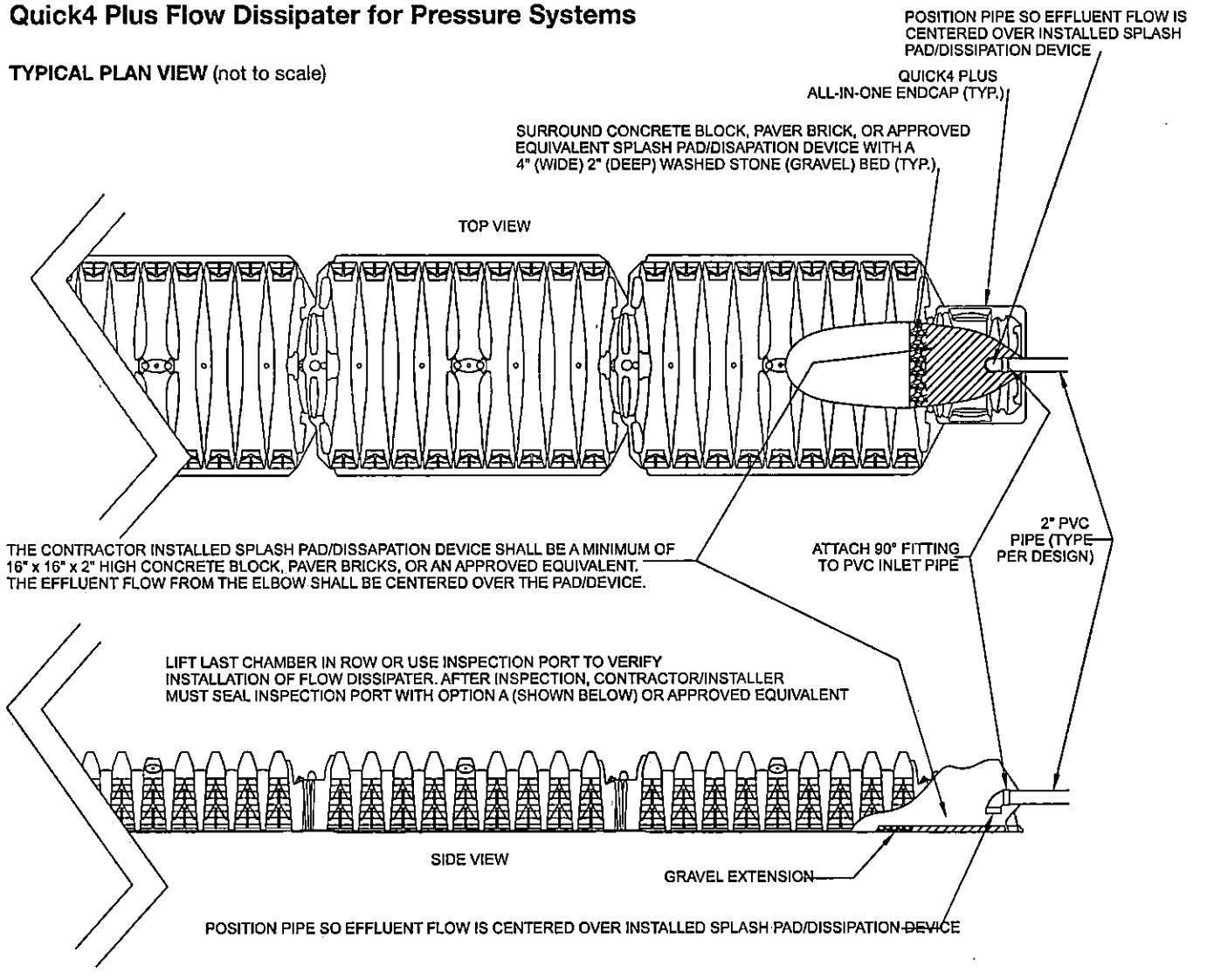
Goulds Pumps

ITT Industries

CHAMBER CONFIGURATIONS

Quick4 Plus Flow Dissipater for Pressure Systems

TYPICAL PLAN VIEW (not to scale)



NOTES:

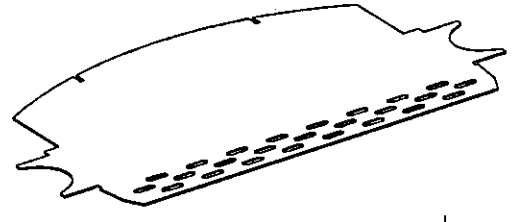
1. See endcap sizing chart to determine endcap linear foot credit.
2. Minimum 3" elevation drop required from d-box to endcap inlet invert.
3. Design can be substituted for any Infiltrator Water Technologies product.
4. Infiltrator Water Technologies supplies chambers and endcaps only. Additional products and materials to be supplied by contractor/installer.
5. These are schematic drawings only; pipe size, type and layout per design.
6. The Quick4 Plus Standard chamber is compatible with the Quick4 Plus All-in-One 12 Endcap. The Quick4 Plus Standard LP chamber is compatible with the Quick4 Plus All-in-One 8 Endcap and the Quick4 Plus 8 Endcap.

High Flow Splash Plate

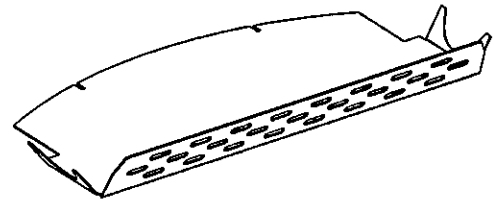
Infiltrator's high flow splash plates prevent soil erosion below the endcap invert, and can be used in conjunction with any gravity flow, pump or pressure system. However, it is only required for pump or pressure systems. No special tools or adhesives are needed for installation. A typical endcap and high flow splash plate assembly is shown.

NOTE: Install a 90-degree elbow inside the endcap to direct effluent onto the High Flow Splash Plate.

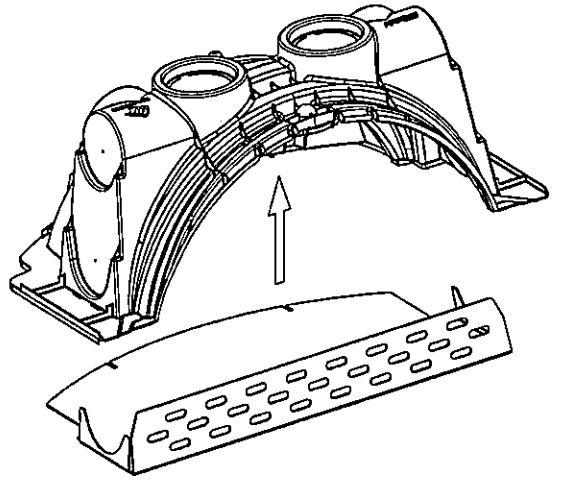
TYPICAL HIGH FLOW SPLASH PLATE AND ENDCAP ASSEMBLY



1



2



3

Quick4 Plus Chamber Systems

Before You Begin

These installation instructions are for Quick4 Plus chambers in North Carolina. These chambers may only be installed according to state and/or local regulations. If unsure of the installation requirements for a site, contact the local health department.

Similar to conventional systems, the soil and site conditions must be approved prior to installation. Conduct a thorough site evaluation to determine the proper size and location of the system before installation.

Materials and Equipment Needed

- ☐ Quick4 Plus Standard Chambers
- ☐ Quick4 Plus All-in-One 12 Endcaps
- ☐ Quick4 Plus LP Chambers
- ☐ Quick4 Plus 8 Endcaps
- ☐ Quick4 Plus All-in-One 8 Endcaps
- ☐ 1 1/4-inch Drywall Screws*
- ☐ Drill
- ☐ Hole Saw
- ☐ Screw Gun*
- ☐ Small Valve-cover Box*
- ☐ 4" Cap for Inspection Port
- ☐ Utility Knife
- ☐ Laser, Transit or Level
- ☐ Tape Measure
- ☐ Shovel and Rake

*Optional.

These guidelines for construction machinery must be followed during installation.

- ☐ Avoid direct contact with chambers when using construction equipment. Chambers require a 12-inch minimum of compacted cover to support a wheel load rating of 16,000 lbs/axle or equivalent to an H-10 AASHTO load rating.
- ☐ When installing in sandy soil conditions, wheeled construction equipment is prohibited over top of system. Tracked equipment can be used over top of system with a minimum of 6" of soil cover.
- ☐ Avoid stones larger than 3 inches in diameter in backfill. Remove stones this size or larger that are in contact with chambers.

Excavating and Preparing the Site

NOTE: As is the case with conventional systems, do not install the systems in wet conditions or in overly moist soils, as this causes machinery to smear the soil.

1. Stake out location of all trenches and lines. Set elevations of the tank, pipe, and trench bottom.

2. Install sedimentation and erosion control measures. Temporary drainage swales/berms may be installed to protect the site during rainfall events.

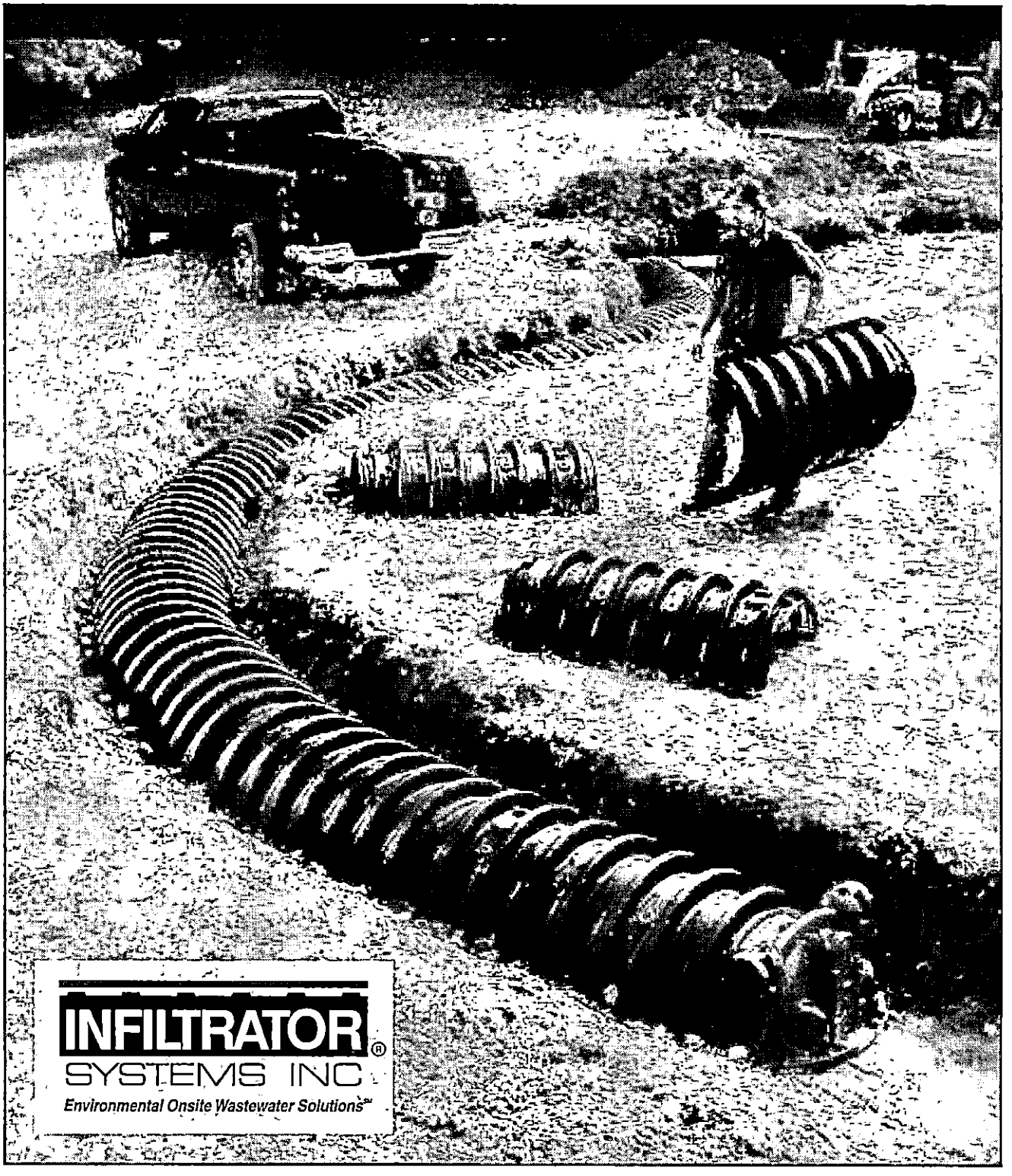
3. Excavate and level 36" wide trenches with proper center-to-center separation. Verify that trenches are level or have the prescribed slope. Chamber trenches shall be constructed level in all directions with a plus or minus one-half-inch tolerance from side-to-side and maximum fall in a single trench bottom not exceeding one-fourth inch in 10 feet end-to-end for any continuous contoured segment. Trenches shall follow the contour of the ground surface elevation.

NOTE: Over excavate the trench width in areas where you are planning to contour.

4. Rake the bottom and sides if smearing has occurred while excavating. Remove any large stones and other debris. Do not use the bucket teeth to rake the trench bottom.

The Next Generation in Onsite Chambers

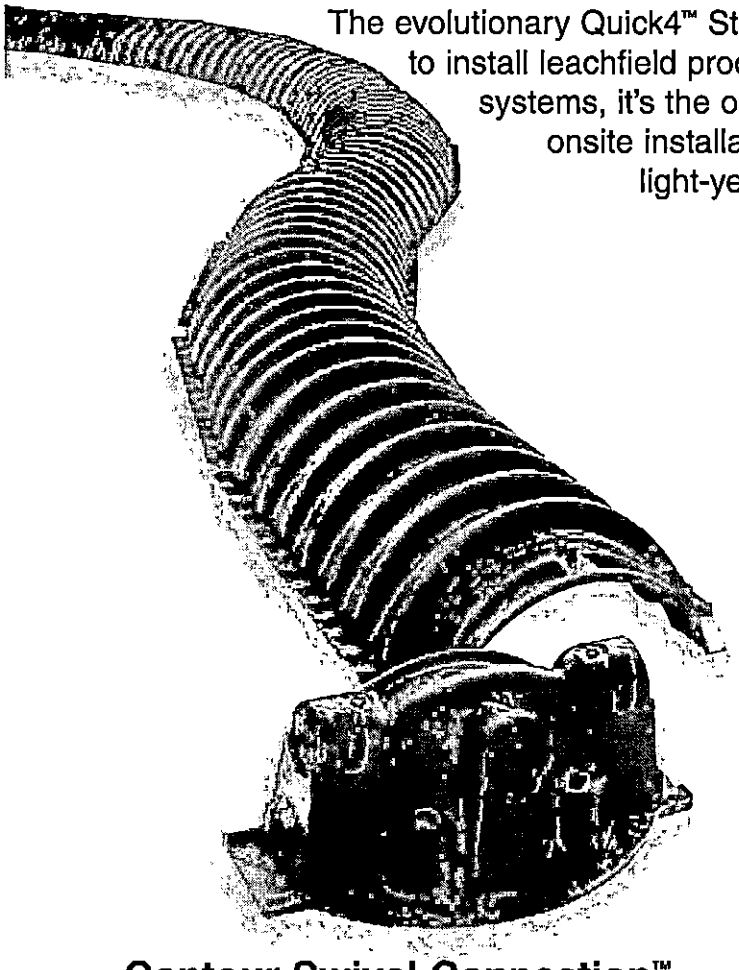
Quick4™
STANDARD CHAMBER

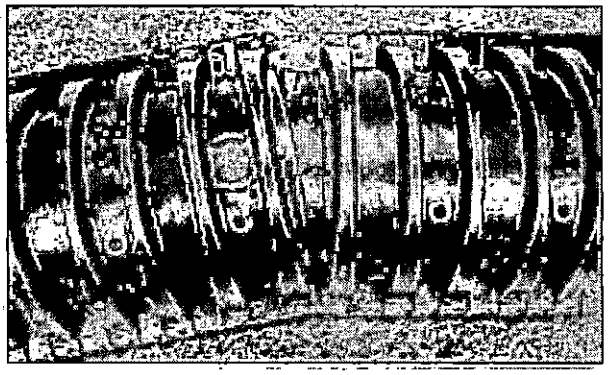


The Quickest Chamber

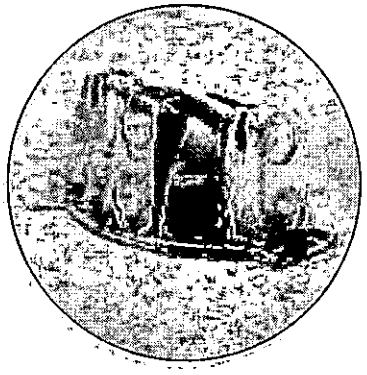
Optimal installation flexibility. Ideal for curved

The evolutionary Quick4™ Standard Chamber is the most advanced, quickest to install leachfield product available today. Ideal for curved and straight systems, it's the only leachfield product installers will ever need for onsite installations. See why the Quick4 Standard Chamber is light-years ahead of all other onsite leachfield products.





Contour Swivel Connection

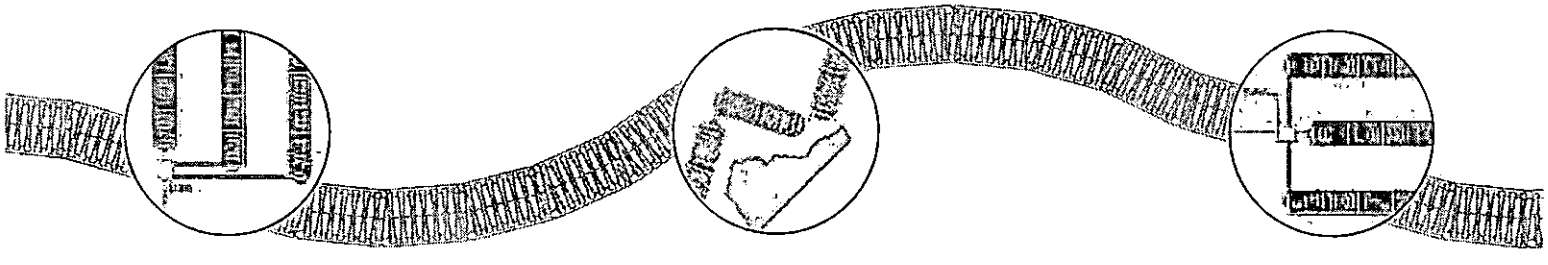


MultiPort End Cap

Contour Swivel Connection™

Advanced Contouring Capability

- Chamber easily follows contours or an "S" curve
- Each connection swivels 10-degrees right or left
- Contouring capability easily avoids obstacles without additional parts or accessories
- Latching mechanism allows for quick installation



in the Onsite Industry

and straight systems. Multiple piping options.

Four-Foot Length

Optimal Installation Flexibility

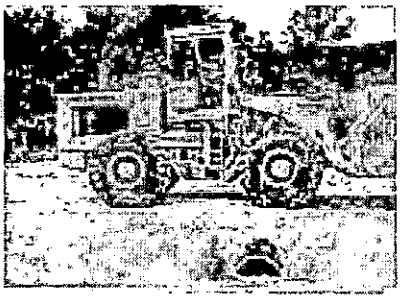
- Lightweight chambers are easy to handle and install
- Compact nesting provides more trench length in an equivalent stack height
- Shorter length allows more installation flexibility
- Ideal for curved and straight systems and all leachfield applications



Four-Foot Chamber

Structural Strength

Structural tests, as certified by independent professional engineers, show that Quick4 Standard Chambers are stronger than all other Infiltrator Standard Chambers.



Certified Structural Strength

MultiPort™ End Cap

Infinite Piping Options

- Molded-in tear-out tabs on inlet ports provide a tight seal to the pipe
- Eight molded-in inlets allow you to pipe from any direction in a 180-degree radius
- Multiple ports eliminate pipe fittings
- End cap fits on either end of chamber

Save time, labor and material cost.

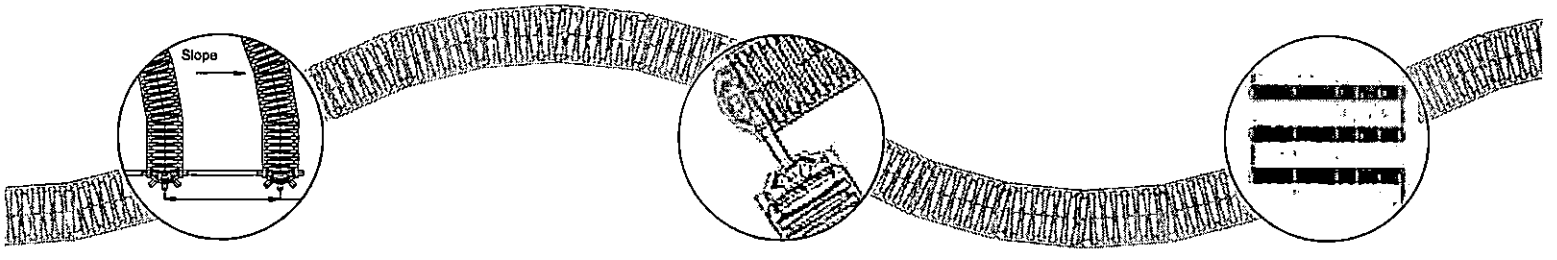
The enhanced features of the Quick4 Standard Chamber and the proven performance of Infiltrator products add up to cost savings on labor and material, time savings on the job, and optimal design solutions.

Leave it to Infiltrator Systems to produce the next generation in onsite chambers.

1-866-4Quick4

1-866-478-4254

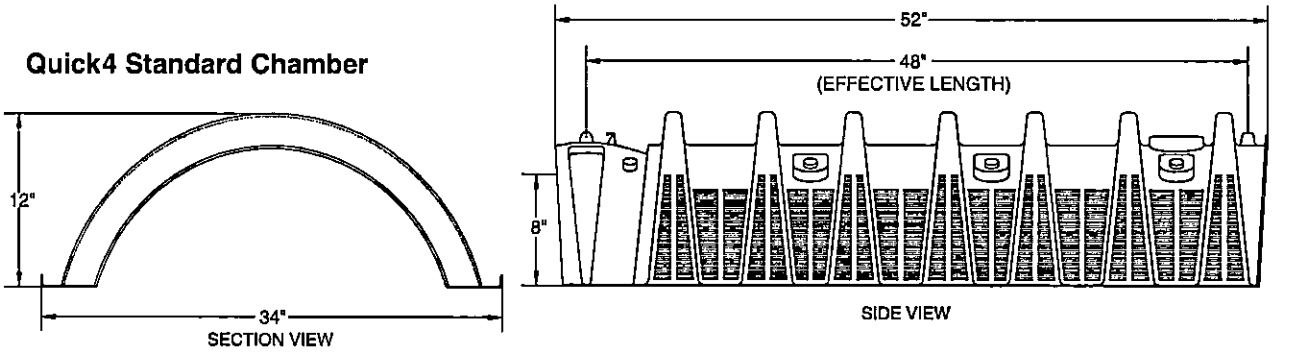
INFILTRATOR® SYSTEMS INC



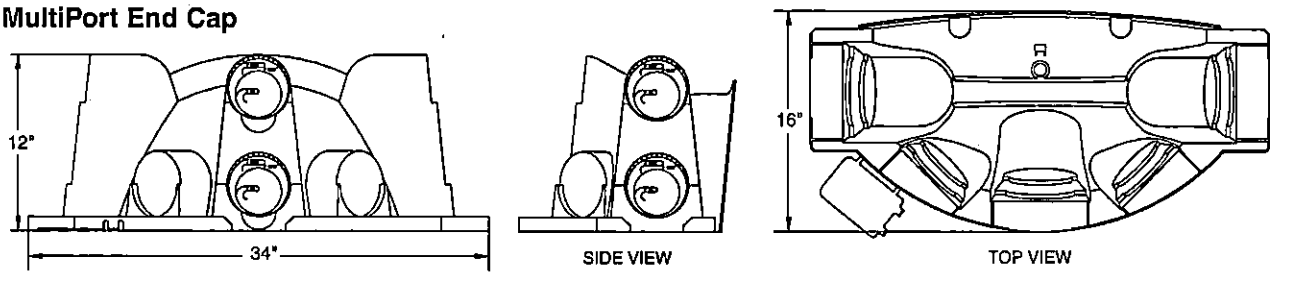
Quick4™

STANDARD CHAMBER

Quick4 Standard Chamber



MultiPort End Cap



Quick4 Standard Chamber Nominal Specifications	
Size (W x L x H)	34" x 52" x 12"
Effective Length	48"
Invert Height	8"

MultiPort End Cap Nominal Specifications	
Size (W x L x H)	34" x 16" x 12"
Invert Height	8" or 1.25"

INFILTRATOR SYSTEMS, INC. STANDARD LIMITED WARRANTY

(a) The structural integrity of each chamber, end plate, wedge and other accessory manufactured by Infiltrator ("Units"), when installed and operated in a leachfield of an onsite septic system in accordance with Infiltrator's instructions, is warranted to the original purchaser ("Holder") against defective materials and workmanship for one year from the date that the septic permit is issued for the septic system containing the Units; provided, however, that if a septic permit is not required by applicable law, the warranty period will begin upon the date that installation of the septic system commences. To exercise its warranty rights, Holder must notify Infiltrator in writing at its Corporate Headquarters in Old Saybrook, Connecticut within fifteen (15) days of the alleged defect. Infiltrator will supply replacement Units for Units determined by Infiltrator to be covered by this Limited Warranty. Infiltrator's liability specifically excludes the cost of removal and/or installation of the Units.

(b) THE LIMITED WARRANTY AND REMEDIES IN SUBPARAGRAPH (a) ARE EXCLUSIVE. THERE ARE NO OTHER WARRANTIES WITH RESPECT TO THE UNITS, INCLUDING NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

(c) This Limited Warranty shall be void if any part of the chamber system is manufactured by anyone other than Infiltrator. The Limited Warranty does not extend to incidental, consequential, special or indirect damages. Infiltrator shall not be liable for penalties or liquidated damages, including loss of production and profits, labor and materials, overhead costs, or other losses or expenses incurred by the Holder or any third party. Specifically excluded from Limited Warranty coverage are damage to the Units due to ordinary wear and tear, alteration, accident, misuse, abuse or neglect of the Units; the Units being subjected to vehicle traffic or other conditions which are not permitted by the installation instructions; failure to maintain the minimum ground covers set forth in the installation instructions; the placement of improper materials into the system containing the Units; failure of the Units or the septic system due to improper siting or improper sizing, excessive water usage, improper grease disposal, or improper operation; or any other event not caused by Infiltrator. This Limited Warranty shall be void if the Holder fails to comply with all of the terms set forth in this Limited Warranty.

Further, in no event shall Infiltrator be responsible for any loss or damage to the Holder, the Units, or any third party resulting from installation or shipment, or from any product liability claims of Holder or any third party. For this Limited Warranty to apply, the Units must be installed in accordance with all site conditions required by state and local codes; all other applicable laws; and Infiltrator's installation instructions.

(d) No representative of Infiltrator has the authority to change or extend this Limited Warranty. No warranty applies to any party other than the original Holder.

* * * * * * *

The above represents the Standard Limited Warranty offered by Infiltrator. A limited number of states and counties have different warranty requirements. Any purchaser of Units should contact Infiltrator's Corporate Headquarters in Old Saybrook, Connecticut, prior to such purchase, to obtain a copy of the applicable warranty, and should carefully read that warranty prior to the purchase of Units.

INFILTRATOR® SYSTEMS INC

Environmental Onsite Wastewater Solutions℠

6 Business Park Road • P.O. Box 768
Old Saybrook, CT 06475
860-577-7000 • FAX 860-577-7001

800-221-4436

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 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, Contour Swivel Connection, MicroLeaching, PolyTuff, SnapLock, ChamberSpacer, PosiLock, QuickCut, QuickPlay and Quick4 are trademarks of Infiltrator Systems Inc. © 2003 Infiltrator Systems Inc. Printed in U.S.A.

RECYCLED PAPER

Q011203HP-0

21601
4409 Mt Olive Church Rd

BEED BOOK PAGE
4234 0501

STATE OF NORTH CAROLINA
County of MECKLENBURG
ss.

I, Henrietta Faris a Notary Public for said County and state do hereby certify that Forrest H. Sloan and wife, Joyce R. Sloan, Mangum W. Sloan and wife, Lois H. Sloan, H. Watson Sloan and wife, Alpha G. Sloan and ~~XX~~, personally appeared before me this day and acknowledged the due execution of the foregoing (or annexed) instrument;

~~XXXX

DEED BOOK PAGE

4234 0502

PRESENTED FOR REGISTRATION

Printed and Sold by Pound & Moore Co., Charlotte, N. C.
FORM R. D. 1

Sep 21 3 53 PM '79

CHARLES L. GROWDER
REGISTER OF DEEDS
MECKLENBURG CO N.C.

STATE OF NORTH CAROLINA

MECKLENBURG County.

This Deed

Made this 10th day of SEPTEMBER, A. D. 19 79 by and between

FORREST H. SLOAN, and wife, JOYCE R. SLOAN, MANGUM W. SLOAN and wife, LOIS H. SLOAN, ANNE S. THOMAS and husband, HOWARD E. THOMAS, H. WATSON SLOAN and wife, ALPHA G. SLOAN and SARAH S. BARNES and husband, JACK BARNES

of the County of MECKLENBURG and State of NORTH CAROLINA

Parties of the first part, and SMOKEY HOLLAR CORPORATION

Sep 21 3 53 PM '79
CHARLES L. GROWDER
REGISTER OF DEEDS
MECKLENBURG CO N.C.
PRESENTED FOR REGISTRATION

of the County of MECKLENBURG and State of NORTH CAROLINA

party of the second part:

WITNESSETH, that the said parties of the first part, in consideration of ONE HUNDRED DOLLARS ($100.00) and other valuable consideration

to them paid by the party of the second part, the receipt of which is hereby acknowledged, have bargained and sold, and by these present does grant, bargain, sell and convey unto the said party of the second part and successors and assigns its/their heirs, all those certain tracts and parcels of land, situate, lying and being in BERRYHILL Township, MECKLENBURG County, State of North Carolina, and more particularly described and defined as follows:

TRACT I: BEGINNING at a nail located in the intersection of Walkers Ferry Road and Mount Olive Church Road, thence from said beginning point with a line in Walker's Ferry Road, N. 49-50 E. 254.85' to a nail, thence N. 56-20 E. 100' to a nail, thence N. 65-10 E. 98.15' to a nail, thence a new line with the line of E. L. Reep, Jr., as described in Deed recorded in Book 3022, Page 107 of the Mecklenburg Public Registry, S. 33-21 E. 435.31' to an old iron, thence N. 59-24-30 E. 388.44' to an old iron, thence N. 33-20 W. passing an old iron located in the southerly right-of-way of Walker's Perry Road 419.65' to a nail located in said Walker's Perry Road, thence continuing with a line located in Walker's Perry Road N. 59-23 E. 181.35' to a nail, a corner of the property of the Boy Scouts of America, thence continuing with a line in Walker's Perry Road N. 69-16 E. 378.62' to a nail, thence N. 63-39 E. 110.72' to a nail, thence a new line with the property conveyed to R. J. Barnes by Deed recorded in Book 2092, Page 419 of the Mecklenburg Public Registry, S. 46-28 E. 435.49' to an old iron, thence N. 39-22 E. 329.89' to an old iron, thence N. 35-43 E. 231.34' to an old iron, thence N. 49-56 W. passing an old iron near the southerly right-of-way of Walker's Perry Road a distance of 378.67' to a nail in Walker's Perry Road, thence continuing with a line in Walker's Perry Road N. 33-19 E. 88.57' to a nail, thence N. 25-45 E. 50' to a nail, thence N. 19-24 E. 50' to a nail in Walker's Perry Road, thence a new line S. 60-59 E. 855.67' to an old iron in the line of the property of the Davie Tree Expert Co., thence with the Davie line S. 23-44 E. 243.60' to an old Oak, thence S. 5-18 E. 1296.31' to an

old iron, thence S. 55-20 W. 323.22' to an old stone and pointers, a corner of Alson L. Goode, Jr., thence N. 79-58-20 W. 1447.27' to an old iron, a corner of the Leonard Mauney property, thence with the Mauney property two lines as follows: (1) N. 18-37 W. 266.66' to an old iron, (2) S. 70-49 W. 377.45' to a nail located in Mount Olive Chruch Road, thence with Mount Olive Church Road, N. 34-8 W. 60.47' to a nail, thence N. 44-10 W. 100' to a nail, thence N. 49-42 W. 100' to a nail, thence N. 5024 W. 406.92' to a nail, thence N. 48-21 W. 100' to a nail in the intersection of Mount Olive Church Road and Walker's Ferry Road, the point and place of BEGINNING, and containing 69.95 acres as shown on survey by Preston R. Taylor, Jr., Registered Surveyor dated December, 1974, excepting prior conveyances.

BEING in all respects the same property conveyed to Forrest H. Sloan, et al, by deed dated December 23, 1974 from H. O. Sloan, Widower and duly recorded in the Office of the Register of Deeds for Mecklenburg County, North Carolina in Book 3729 at Page 617 of the Mecklenburg Public Registry.

TRACT II: BEGINNING at a point at the point of intersection of Walker's Ferry Road and Mt. Olive Chruch Road; said point being the Southwestern corner of that certain property conveyed by H. O. Sloan, Widower to Forrest H. Sloan, et al by deed dated December 23, 1974 and recorded in the Mecklenburg Public Registry in Book 3729 at Page 617, thence with the line of Mt. Olive Church Road, two calls as follows: (1) S. 48-21 E. 100' (2) S. 50-23 E. 376.75' to the point or place of BEGINNING; thence continuing with lines in Mt. Olive Church Road, S. 50-23 E. 39.17' to a point, thence S. 44-10 E. 100' to a point, thence S. 49-42 E. 100' to a point, thence S. 34-08 E. 120.90' to a railroad spike, thence a new line N.79-56 W. 486.50' to an old iron, thence N. 62-57 E. 36' to an old iron, thence N. 49-09 E. 184.40' to an old iron, thence N. 75-46 E. 74.04' to an old iron, thence N. 39-35 E. 29.70 to a nail in the Mt. Olive Church Road, the point or place of BEGINNING and containing 1.44 acres as shown on a survey by Preston R. Taylor, Jr., Registered Surveyor, dated December 17, 1974.

For back references, see Deed recorded in the Office of the Register of Deeds for Mecklenburg County, North Carolina in Book 18, Page 62, Book 168, at Page 185, Book 165 at Page 602, Book 349 at Page 332, Book 450 at Page 192 and Book 2110 at Page 511.

TO HAVE AND TO HOLD the aforesaid tracts or parcels of land and all privileges and appurtenances thereto belonging, to the said party of the second part, its successors and assigns, to their only use and behoof forever.

[redacted]

IN TESTIMONY WHEREOF, the said parties of the first part to these presents have hereunto set their hand & seals, the day and year above written.

SIGNED, SEALED AND DELIVERED
IN THE PRESENCE OF

[redacted]

Forrest H. Sloan (Seal)
Forrest H. Sloan

Joyce K. Sloan (Seal)
Joyce K. Sloan

Mangum W. Sloan (Seal)
Mangum W. Sloan

Lois H. Sloan (Seal)
Lois H. Sloan

Anne S. Thomas (SEAL)
Anne S. Thomas

Howard E. Thomas (SEAL)
Howard E. Thomas

H. Watson Sloan (SEAL)
H. Watson Sloan

Alpha G. Sloan (SEAL)
Alpha G. Sloan

Sarah S. Barnes (SEAL)
Sarah S. Barnes

[redacted] (SEAL)
[redacted] Barnes

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 21601 Permit #: 9309 Tax Parcel #: 113 381 17

Property Owner: Eric Sovare

Job Location Address: 4409 Mt Olive Church Rd

City: Charlotte State: NC Zip Code: 28278

Operation Permit Issuance Date: 12/6/17 Contractor Name: Largo Vista

Permitted Design Flow: 480 GPD Liquid Capacity of Dosing Tank: 1000 gallons

Liquid Capacity of Septic Tank: 1000 gallons Manufacture Dellinger Effluent Pump Model: Liberty 1/2 hp

Drainfield Installation ☐ N/A

Trench Depth: 36 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 400 feet

# of Lines: 8 @ various lengths feet

Depth of Media: 12 inches (Type) Chambers

Depth of Cover: 24 inches

Distribution Device: D box + serial distribution

Bed Installation *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☒ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10 feet

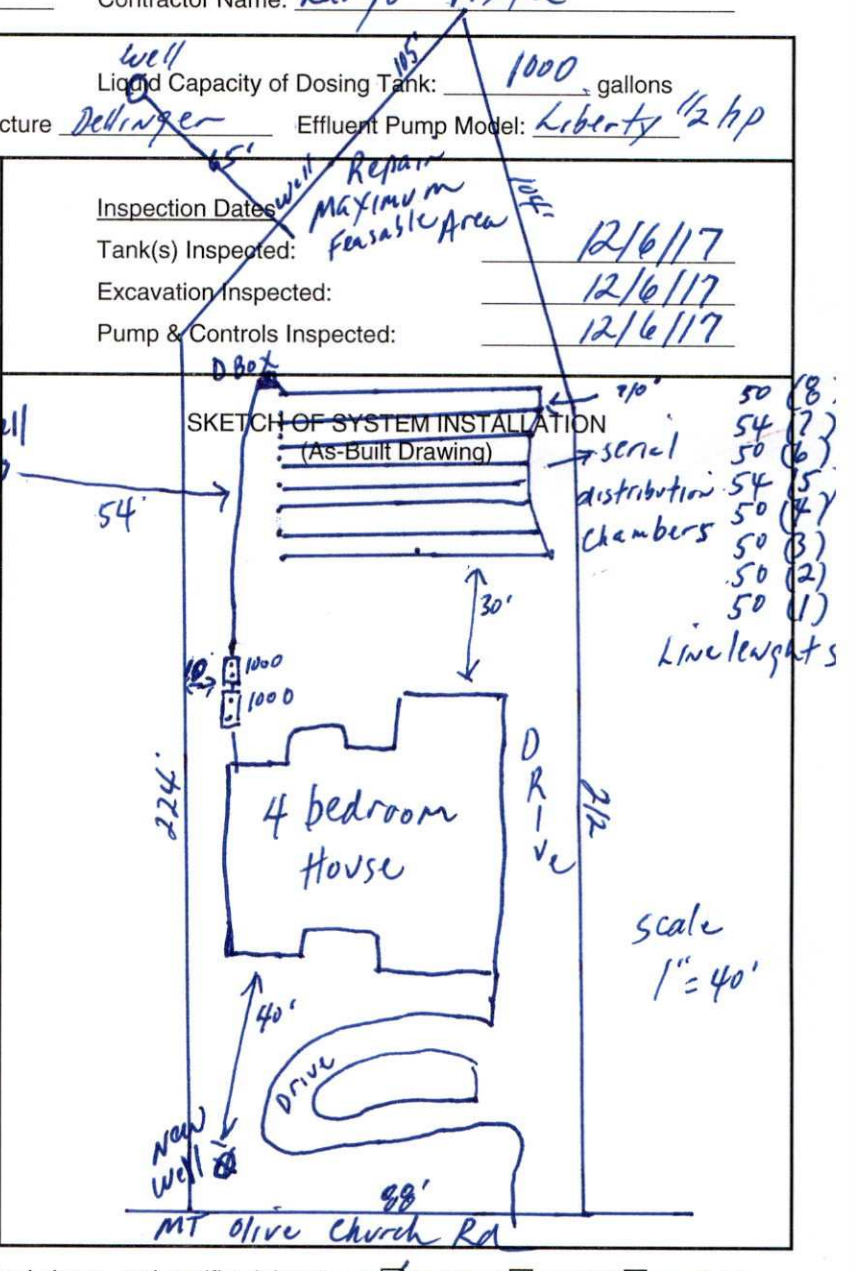
Distance from Water Supply Source: >50' feet

Inspection Dates

Tank(s) Inspected: 12/6/17

Excavation Inspected: 12/6/17

Pump & Controls Inspected: 12/6/17



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☒ installed ☐ altered ☐ repaired ☒ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: IIIb Pump to chambers IV 4, P, NA, NA

DHHS Authorized Agent: Philo Walker Signature: Philo Walker REHS



Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 21601 Permit #: 9309 Tax Parcel #: 113 381 17

Property Owner: Eric Square

Job Location Address: 4409 Mt. Olive Church Rd

City: Charlotte State: NC Zip Code: 28278

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: III

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☐ System does not require inspection by GWS on a routine frequency.

☒ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other: Pump to Chambers

DENR Authorized Agent: Philo Walker Date: 12/6/17

Signature: Philo Walker REHS

FEE: 100.00

DATE: 12/28/2017

CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

MECKLENBURG COUNTY

GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 21601

PERMIT NUMBER: 30009309

PARCEL NUMBER: 11338117

JOB LOCATION INFORMATION

ADDRESS: 4409 MT OLIVE CHURCH RD

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28278

ISSUED TO: ERIC SOURE

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 12/4/2017

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30009309, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. A PRE-CONSTRUCTION MEETING MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A LICENSED SEPTIC TANK CONTRACTOR WITH THE NORTH CAROLINA ONSITE WASTEWATER CONTRACTOR INSPECTOR CERTIFICATION BOARD.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, AND MAY BE ISSUED AT THE SAME TIME THE IMPROVEMENT PERMIT IS ISSUED.

Authorized Agent Signature _____

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

Septic System Pre-Construction Meeting Checklist

File # 21601 App # 4309 Tax Parcel # 113-381-17

Property Owner: Eric Souare

Job Location Address: 4409 Mt Olive Church Rd

City: Charlotte State: NC Zip Code: NC

1. **Does System design match facility, flow & wastewater characteristics?**

   ☒ YES ☐ NO

   Comments: _____

2. **Is there sufficient available space for the septic systems initial and repair areas?**

   ☒ YES ☐ NO

   Comments: _____

   _____

3. **Can the septic system be installed per the permit conditions and drawing on file?**

   ☒ YES ☐ NO

   Comments: _____

   _____

* If "NO" is checked for any of the above the existing permit may need to be revoked.

Permission is hereby given to ☒ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge meeting all of the construction requirements of 15A NCAC 18A .1900 which are in effect on the date of granting this approval. System shall not be installed while soils are in wet condition.

Phillip Walker REHS
Authorized Agent

12/4/2017
Date

Largo Vista Septic
Others Present

THOMPSON ENVIRONMENTAL CONSULTING, INC.
WATER ♦ WASTEWATER ♦ WETLANDS

December 18, 2017

Philo Walker, REHS
Mecklenburg County Groundwater and Wastewater Services
700 N. Tryon Street
Charlotte, NC 28202

Dear Mr. Walker,

The purpose of this letter is to inform you that I have performed an inspection of the wastewater treatment and disposal system installed for 4409 Mt. Olive Church Road and I am satisfied with the installation. The actually installation was modified due to the location of an underground utility. An as-built plan is attached to this approval.

Please feel free to call on me if you have any further questions or concerns regarding this project.

I also want to add that it has been a privilege to know and work with you over these many years and I wish you continued success in your endeavors. You are one of the last "old school" Environmental Health Specialists who was able to work through the various nuances of the profession and still be well thought of!

Sincerely,

Larry B. Thompson, Jr., NCEHS, LSS

Attachment (1)

PO BOX 541 • MIDLAND, NC • 28107-0541
PHONE: 704-301-4881 • FAX: 206-350-8895
E-MAIL: LARRY@THOMPSONENV.COM
WEB: WWW.THOMPSONENV.COM