BRAD – SIGNED COPY FOR FILES

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 #: 30008885 GWS File #: 2676B

**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.
- This type of repair system requires the installation of a pump tank and all associated components. This type of system will require routine inspections by our office. The system owner is responsible for all fees associated with these inspections.
- This type of repair system requires the property owner to obtain a contract with a Certified Operator to perform routine inspections and maintenance on the system.
- This type of repair system requires periodic inspections by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- 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.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- 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.
- The supply pipe shall be installed with a minimum of 30" of compacted cover over the pipe or properly sleeved under areas that are subject to vehicular traffic.
- 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.
- 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: Brad Hallman

Owner/Legal Agent: Joseph J. Guentert, III
Print Name

Glenn T. Graham, III

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

Permit #: 30008885 GWS File #: 2676B Tax Parcel #: 217-143-11

- 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:** Not Expire with Plat Provided **Expiration Date (If Applicable):** N/A

Type of Installation: Residential - New System Lot Number: 58

Structure Type: HOUSE Size ($ft^2$): 2500 # Bedrooms: 4 Max. Occup.: 8

Building Foundation: Crawl Space Water Supply: Private Well

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

Initial System Specifications:

Design Flow (gpd): 480 LTAR (gpd/$ft^2$): 0.25 Septic Tank Size (gal): 1000 Pump Tank Size (gal): 1000

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area ($ft^2$): 1440 Total Trench Length (ft): 480

Maximum Trench Depth (in): 20 Depth of Media (in): 12 Distribution Device: Pressure Manifold

**III. Repair System Type:** Drip Irrigation **System Classification:** IVa

Repair System Specifications:

Design Flow (gpd): 480 LTAR (gpd/$ft^2$): 0.1 Septic Tank Size (gal): 1000 Pump Tank Size (gal): 1000

Trench Width (ft): 1 Trench Spacing (ft): 2 Absorption Area ($ft^2$): 4800 Total Trench Length (ft): 4800

Maximum Trench Depth (in): 12 Depth of Media (in): N/A Distribution Device: Headworks (Drip Irr.

**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:

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Authorized Agent: Brad Hallman

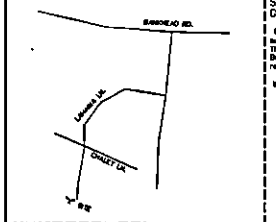
Signature: _____

Date Issued: 5/23/2017

Owner/Legal Agent: Joseph J. Guentert, III
Print Name

Signature: Joseph J. Guentert

Joseph V. Clarkson, Jr.



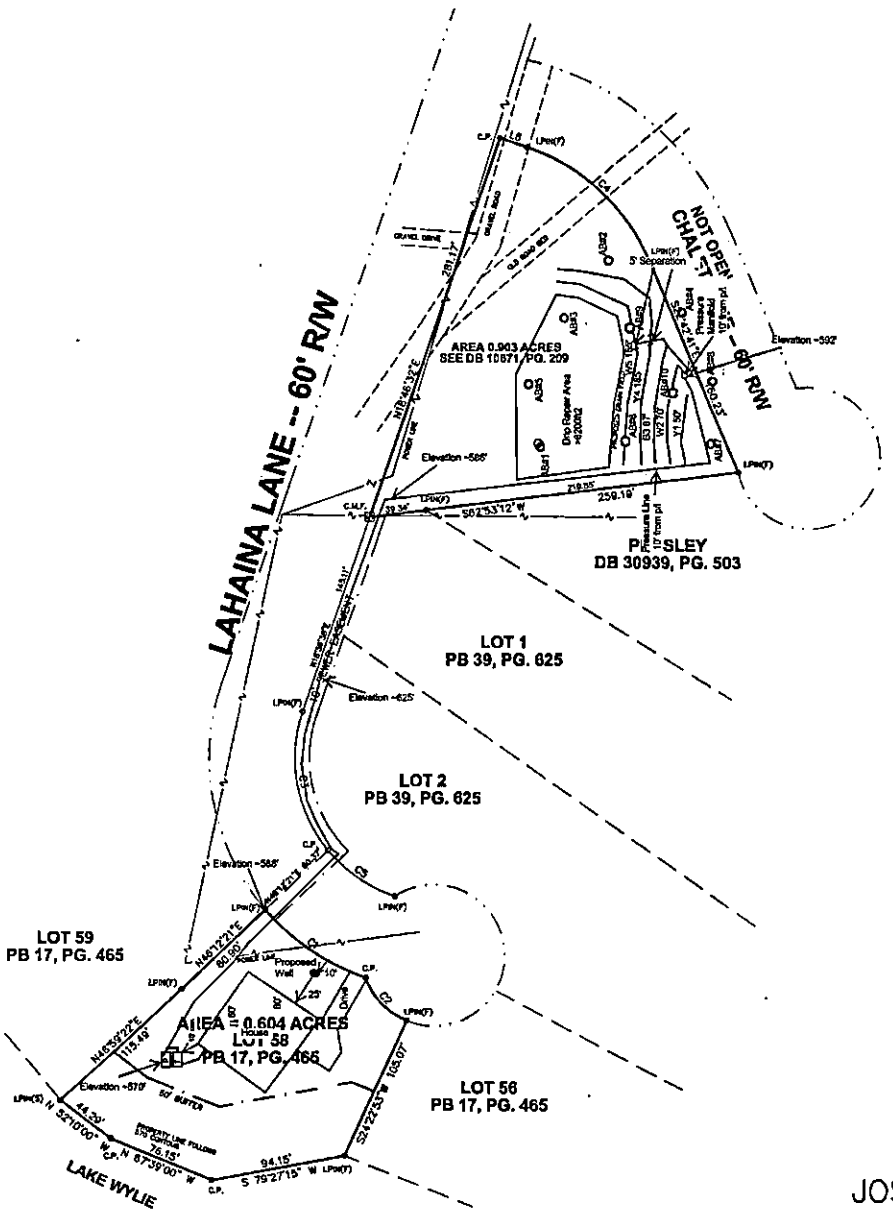

LOCATION MAP–NOT TO SCALE

STATE OF NORTH CAROLINA
GASTON COUNTY

I certify that this map was drawn from an actual survey made under my supervision.
The undistorted error of closure as calculated is (1: 10,000+)
Boundaries not surveyed, if any, are noted. Deed description(s) are recorded in Book AS, Page SHOWN.

Witness my hand and seal this ___ day of _____, 20___.

_____
Professional Land Surveyor




LEGEND

LINES SURVEYED
LINES NOT SURVEYED
ALL CORNERS ARE AS NOTED ○
N.T.S. NOT TO SCALE
C.P. CALCULATED POINT
OVERHEAD UTILITY LINES
UTILITY POLE
METAL FENCE
WOODEN FENCE
SEWER MANHOLE
MBSL – MINIMUM BUILDING SETBACK LINE
LPIN(S) – IRON PIN SET
LPIN(F) – IRON PIN FOUND
I – IRON CMF – CONCRETE MONUMENT(F)
(F) FOUND
(S) SET

NOTES: SURVEY MADE USING EXISTING PHYSICAL EVIDENCE FOUND AT TIME OF SURVEY.

SUBJECT PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED EASEMENTS, RIGHT-OF-WAYS, SETBACKS AND/OR RESTRICTIVE COVENANTS NOT SHOWN HEREON.

| LINE TABLE | | |
|---|---|---|
| LINE | LENGTH | BEARING |
| L6 | 20.00 | N21°59'41"W |

| CURVE TABLE | | | | |
|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | CHORD | DIST. |
| C1 | 85.61 | 163.20 | S55°28'33"E | 84.63 |
| C2 | 42.06 | 50.00 | S43°48'45"E | 41.56 |
| C3 | 104.11 | 103.20 | S10°12'49"E | 99.75 |
| C4 | 120.89 | 142.75 | N47°04'04"W | 117.31 |
| C5 | 57.23 | 103.20 | S33°09'27"E | 56.52 |

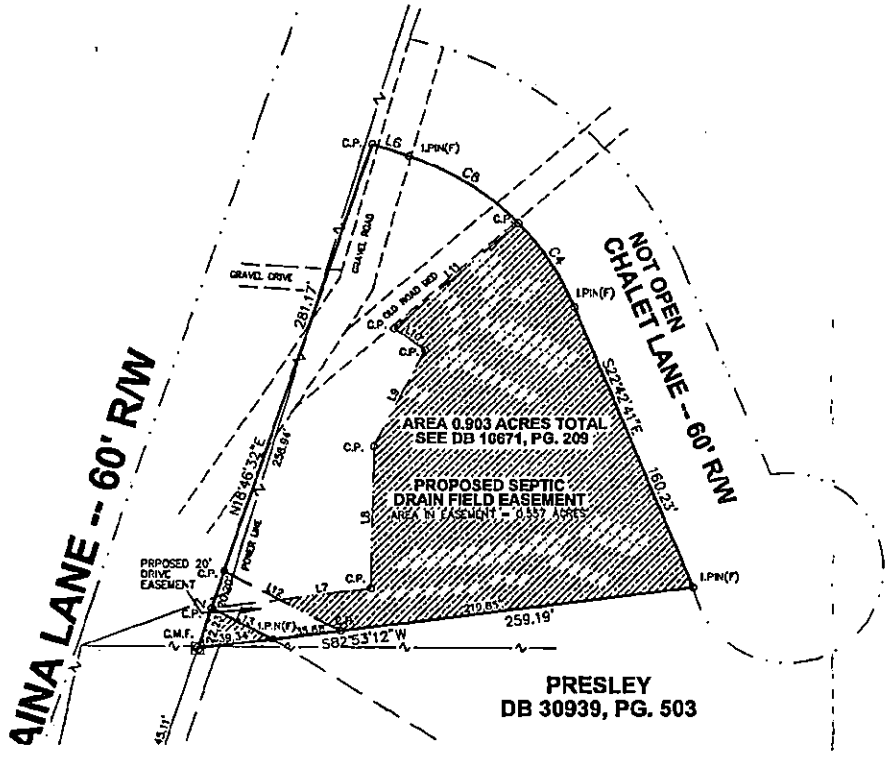
CAROLINAS DESIGN GROUP, PLLC
★LAND SURVEYING★LAND PLANNING
201 West Second Avenue Gastonia, NC 28052
Phone: 704-854-9328 ★ 704-864-9007 ★ Fax 704-854-9328

BOUNDARY SURVEY
FOR
# JOSEPH J. GUENTERT III
STEELE CREEK TOWNSHIP
MECKLNENBURG COUNTY, N.C.

SEPTIC ADDED APRIL 28, 2017
MARCH 28, 2017
DRAWN BY: MLC
SCALE: 1" = 60'
TAX ID. NO.
CADD #8110MONA

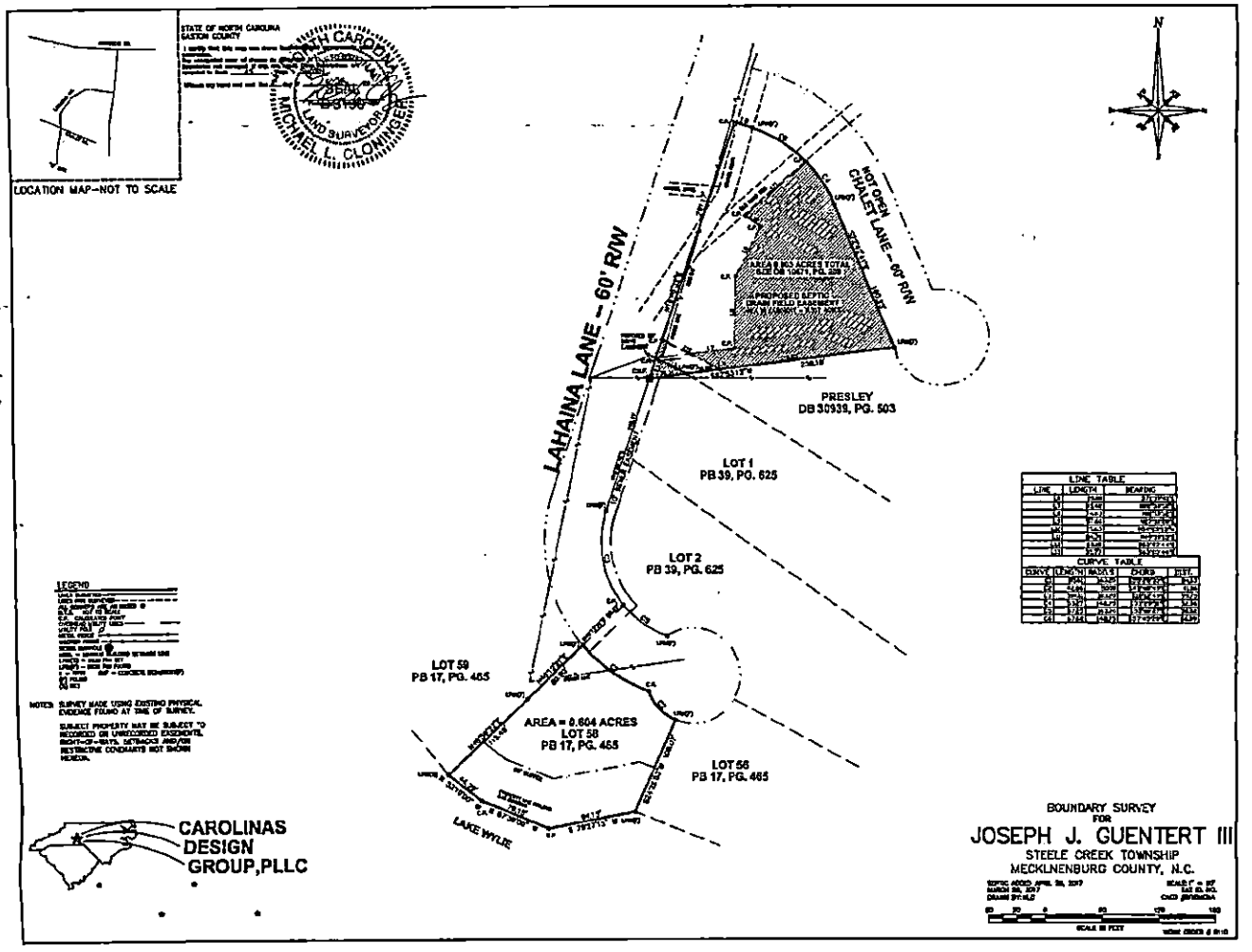
60 30 0 60 120 180
SCALE IN FEET

WORK ORDER # 8110


4INA LANE -- 60' R/W
NOT OPEN
CHALET LANE -- 60' R/W
GRAVEL DRIVE
GRAVEL ROAD
281.17'
N18°46'32"E
256.94'
POWER LINE
C.P. OLD ROAD BED
AREA 0.903 ACRES TOTAL
SEE DB 10671, PG. 209
PROPOSED SEPTIC
DRAIN FIELD EASEMENT
AREA IN EASEMENT = 0.557 ACRES
S22°42'41"E
180.23'
PROPOSED 20'
DRIVE
EASEMENT
C.M.F.
I.P.N(F)
S82°53'12"W
259.19'
PRESLEY
DB 30939, PG. 503

| LINE TABLE | | |
|---|---|---|
| LINE | LENGTH | BEARING |
| L6 | 20.00 | S71°19'41"E |
| L7 | 83.42 | N82°53'12"E |
| L8 | 74.83 | N01°13'12"E |
| L9 | 57.60 | N27°10'20"E |
| L10 | 19.63 | N54°25'15"W |
| L11 | 84.70 | N49°19'15"E |
| L12 | 68.18 | S63°03'44"E |
| L13 | 35.77 | S63°03'44"E |

| CURVE TABLE | | | | |
|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | CHORD | DIST. |
| C1 | 85.61 | 163.20 | S55°28'33"E | 84.63 |
| C2 | 42.86 | 50.00 | S43°48'45"E | 41.56 |
| C3 | 104.11 | 103.20 | S10°12'49"E | 99.75 |
| C4 | 53.27 | 142.75 | S33°29'51"E | 52.96 |
| C5 | 57.25 | 103.20 | S55°00'27"E | 56.52 |
| C6 | 67.62 | 142.75 | S57°45'28"E | 66.99 |


LOCATION MAP–NOT TO SCALE
STATE OF NORTH CAROLINA
GASTON COUNTY
NORTH CAROLINA
L-4136
MICHAEL L. CLONINGER
LAND SURVEYOR
N
LAHAINA LANE – 60' RW
NOT OPEN
CHALET LANE – 60' RW
PRESLEY
DB 30939, PG. 503
LOT 1
PB 39, PG. 625
LOT 2
PB 39, PG. 625
LOT 59
PB 17, PG. 465
AREA = 0.604 ACRES
LOT 58
PB 17, PG. 465
LOT 56
PB 17, PG. 465
LAKE WYLIE
LINE TABLE
CURVE TABLE
LEGEND
NOTES: SURVEY MADE USING EXISTING PHYSICAL EVIDENCE FOUND AT TIME OF SURVEY.
SUBJECT PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED EASEMENTS, RIGHT-OF-WAYS, SETBACKS AND/OR RESTRICTIVE COVENANTS NOT SHOWN HEREON.
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DESIGN
GROUP,PLLC
BOUNDARY SURVEY
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MECKLENBURG COUNTY, N.C.