Public Health
HEALTH AND HUMAN SERVICES

RICHARD O. BRAJER
Secretary

DANIEL STALEY
Director, Division of Public Health

Onsite Water Protection Branch
May 9, 2016

James and Kathy Covington
188 Presbyterian Rd
Mooresville, NC 28115

Re: Approval No. JMB792
Private Well Located Less than 25' from Building Perimeter [Rule 15A NCAC 2C .0107(a)(2)(M)]

Property location:
188 Presbyterian Rd
Mooresville, NC 28115

Dear Mr. and Mrs. Covington;

On May 5, 2016 the On-site Water Protection Branch received your request for a variance from the Well Construction standards, Title 15A North Carolina Administrative Code Subchapter 2C .0100. The request for the variance concerns a water supply well on the referenced property that is proposed to serve a single family dwelling. A structure planned for the property will be within twenty-five feet of the well.

Specifically, the variance request grants you permission to use a water supply well at a distance closer than the twenty five foot setback to a building perimeter. Achieving the twenty five foot setback would be difficult given the challenges of the property.

Based upon information provided by you and the Iredell County Health Department, it is my finding that based upon current conditions as the site exist today (as well as the current proposal for use of the structure) you meet the conditions necessary for approval of a variance as specified by 15A NCAC .0118 (a) (1) and (2). On that basis and if the following conditions are met, the requested variance is approved:

1) The well shall be sampled for the same parameters required of a newly constructed well. If samples indicate contamination, further repairs or treatment will be necessary.
2) No potential sources of groundwater contamination shall be stored near the well-head.
3) No termite treatment shall be applied within twenty-five feet of the well unless alternative methods are approved by the Iredell County Health Department.

The granting of this variance is for the well location only. It in no way relieves the owner or agent from other requirements of the North Carolina Well Construction Standards including, but not limited to the requirements in 15A NCAC 2C .0113(b) to repair or to abandon any well which acts as a source or channel for the migration of contamination. This approval does not imply sufficient water quality. Further, the approval does not relieve your responsibility to comply with any other applicable Federal, State, or local laws or regulations.

If you have any questions regarding this variance, please contact me at (828) 713-3335.

Sincerely,

John Brooks

John M. Brooks R.E.H.S, MS

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

VARIANCE APPLICATION FOR 2C .0100 WELL CONSTRUCTION STANDARDS:

PRIVATE DRINKING WATER WELLS UNDER 15A NCAC 02C .0300

WATER SUPPLY WELLS UNDER 15A NCAC 02C .0107
All water supply wells not considered "Private Drinking Water Wells" and including irrigation, industrial, and commercial wells.

WELLS OTHER THAN WATER SUPPLY UNDER 15A NCAC 02C .0108
Including monitoring and recovery wells.

Print clearly or type information. Illegible submittals will be returned as incomplete.

DATE: April 29, 2016 PERMIT NO.: _____ (to be completed by DWQ/DPH)

A. **WELL OWNER** – For single family residences list the property owner(s). For all others, list name of the business, organization, or government agency and person delegated signature authority:

James M. Jr. & Kathy L. Covington

Mailing Address: 188 Presbyterian Rd
City: Mooresville State: NC Zip Code: 28115 County: Iredell
Day Tele No.: 704-892-3442 Cell No.: 704-575-9069
EMAIL Address: bucovington@davidson.edu Fax No.: _____

B. **PHYSICAL LOCATION OF WELL SITE**

(1) Parcel Identification Number (PIN) of well site: 4654-48-2032
County: Iredell

(2) Physical Address (if different than mailing address): Same as above

City: _____ State: NC Zip Code: _____

C. **WELL DRILLER INFORMATION** (if known)
Well Drilling Contractor's Name: Curtis Sharrill
NC Well Drilling Contractor Certification No.: _____
Company Name: Rogers Well & Pump Repair Contact Person: Curtis Sharrill
City: Troutman State: NC Zip Code: 28166 County: Iredell
Day Tele No.: 704-657-0225 Cell No.: _____
EMAIL Address: _____ Fax No.: _____

D. **REASON FOR VARIANCE REQUEST** – Include type of well(s) to be constructed; rule for which the variance is being requested; description of how the alternate construction will not endanger human health and welfare and the environment; and reason why construction and/or operation in accordance with the standards is not technically feasible and/or provides equal or better protection of the groundwater.

Existing well is approx. 23 feet from existing house and new addition. Existing well was installed prior to 1966. Existing well is 2" well with steel casing that extends to bedrock to my knowledge. Lot is a narrow lot which allows addition to be added to rear of existing house

E. **ATTACHMENTS** – Provide the following information as attachments to this application:

Attached (1) A map showing general location of the property (including road names, NC State Route Number, distances, any key landmarks, etc.) sufficient for finding the well location.

Attached (2) Detailed site map with scale showing location of proposed well relevant to septic system(s), building foundations, property lines, water bodies, potential sources of contamination, other wells, etc.

N/A (3) Submit a copy of the local well permit application and site evaluation map (if applicable).

(4) Any other information relevant to the variance request such as a well construction diagram showing proposed well liner or atypical construction materials/methods.

F. **OTHER MINIMUM CONSTRUCTION REQUIREMENTS**

For water supply wells, approval of a variance will require that additional construction requirements beyond those specified in 15A NCAC 02C .0107 be met. Minimum additional construction requirements for Coastal Plain and Piedmont and Mountain region wells are referenced on Attachments A and B on pages 4 and 5 of this application. Approval of a variance will not be considered in cases where the specified minimum additional construction requirements cannot be met.

G. **SIGNATURES**

X _____

Signature of Person Responsible for Well Construction (typically the well driller)

Curtis Shavrill

Print or Type Full Name of Person Responsible for Well Construction (typically the well driller)

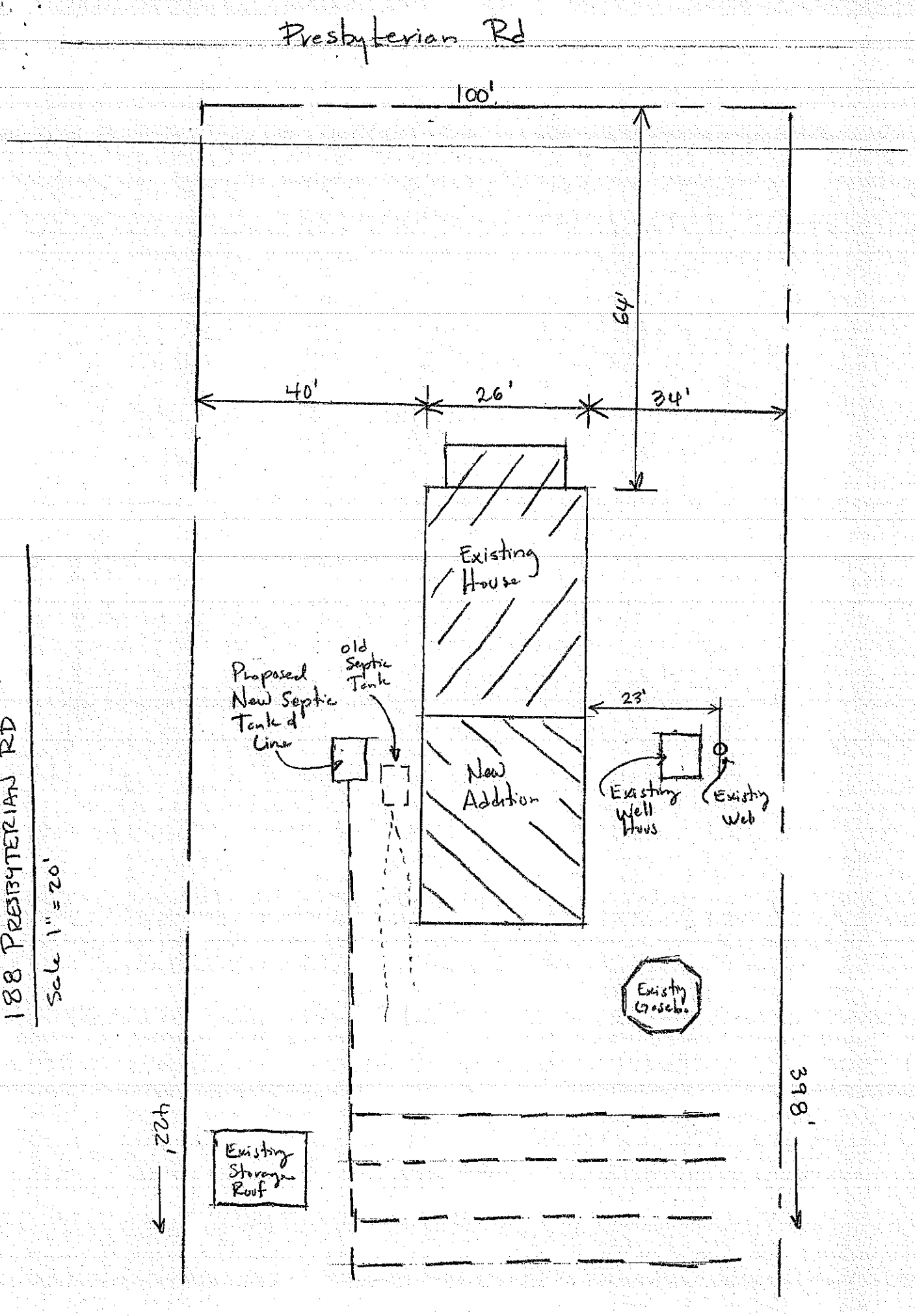
_____

Signature of County Environmental Health Specialist

_____

Print or Type Full Name of County Environmental Health Specialist

Per 15A NCAC 02C .0118 the Secretary of the Division of Water Quality or the Division of Public Health may require submittal of information deemed necessary to make a decision on the variance, may impose conditions as part of the decision, and shall respond in writing to the request within 30 days of receipt of the variance request. A variance applicant who is dissatisfied with the decision of the Director may commence a contested case by filing a petition as described in G.S. 150B-23 within 60 days after receipt of the decision.


Presbyterian Rd
100'
64'
40'
26'
34'
Existing House
old Septic Tank
Proposed New Septic Tank & Line
23'
New Addition
Existing Well House
Existing Well
Existing Gazebo
398'
122'
Existing Storage Roof
James M. Jr. & Kathy L Covington
188 PRESBYTERIAN RD
Scale 1" = 20'