

Kent County Water Authority

May 17, 2023

William Lavery, Jr P.E.
Joe Casali Engineering, Inc
300 Post Road
Warwick, RI 02888

Re: Briarwood Estates New London Ave Cranston

Dear Mr. Lavery

We have reviewed your revised submission received in our office on May 16, 2023. Based on your professional engineer certification that the design complies with the Kent County Water Authority Regulations and will properly support future water service to this development, the technical review portion of the infrastructure design is acceptable to the staff and we, herewith, provide our approval for the installation. You must provide a PDF copy of the approved design plans to our office within 10 business days of the date of this letter. Any change in the design or property ownership made after this date requires a complete revised submission and review process prior to commencing construction on the water infrastructure.

All requirements of the Kent County Water Authority Regulations must be adhered to during construction. A copy of the plans and the Kent County Water Authority Regulations must be kept onsite while work is in progress. A letter from the property owner's attorney identifying the legal entity and/or property owner including point of contact and billing address must be provided to the Kent County Water Authority billing department prior to water service activation.

A complete set of as-built drawings must be received and approved by this office prior to final water service activation to the site. The owner and/or the developer is responsible for maintaining all installation information and tie measurements necessary to produce finalized as-built drawings meeting the requirements of the Kent County Water Authority Regulations. Kent County Water Authority Regulations require that as-built drawings be prepared under the direct supervision of a professional engineer or professional land surveyor registered in the State of Rhode Island. As-built drawings will not be accepted with any disclaimers regarding measurements or location of appurtenances.

We require your construction contractor to notify us five days prior to construction commencement so that a field representative may be made available to observe work in progress. A \$5.00 per linear foot inspection fee must be paid in full prior to construction commencement. Measurements from the drawing show approximately 1190 feet of infrastructure subject to the inspection fee resulting in a total fee of \$5950. On state roads we must also collect a \$5,000 deposit associated with RIDOT inspection services and any unused portion of the deposit will be returned after the bills from RIDOT have been paid. We must emphasize that the owner is solely responsible to control their contractor in the progression of work to ensure the water infrastructure installation is accomplished in accordance

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with the requirements contained in the Kent County Water Authority Regulations and the accepted design.

A one-year warranty on all water lines and appurtenances is required upon completion acceptance by the Kent County Water Authority. All problems during the warranty period must be corrected at the developer's cost to the satisfaction of the Kent County Water Authority.

Compliance with the State Plumbing Code in reference to backflow prevention and service line disinfection must be verified by the plumbing inspector prior to water service activation to the building. Kent County Water Authority requires reduced pressure zone style backflow preventers for commercial installations of this nature. A copy of the bacteria sample test results and inspection confirmation letter from the plumbing inspector must be provided upon request for water service activation. Please be advised it is solely the responsibility of the owner or owner's representative to obtain the proper permits and coordinate with the plumbing inspector to complete all inspection requirements of the Rhode Island Plumbing Code.

Compliance with National Fire Protection Agency (NFPA) testing requirements for fire service is solely the responsibility of the owner or owner's representative to coordinate with the municipal fire authority or state fire marshal's office. NFPA pressure test may be accomplished in coordination with KCWA required testing, but KCWA shall not be responsible for conducting, verifying or documenting NFPA testing requirements.


If work has not begun construction on the water line within the six (6) months from the date of this letter a complete resubmission and/or request for an extension of this technical review consideration will be necessary prior to construction commencement. The owner and/or developer must request an extension prior to the six-month expiration date of this letter.

Nothing in this letter relieves the responsible party from compliance with all applicable local, state, and federal regulations in association with this water infrastructure installation. Any deficiency or requirement that may have been inadvertently overlooked during this review is also subject to correction under the provision of the applicable code, regulation or law.

To continue to keep this file active we require written confirmation of receipt of this technical review letter along with tentative dates for construction commencement within ten (10) working days of receipt of this letter.

Please feel free to call us if you have any questions regarding this matter.

Very truly yours,
Kent County Water Authority


John Duchesneau
Director of Construction