



TRINITAS

January 18, 2019

Mr. Ray Burger
Town of Dryden
93 East Main Street
Dryden, NY 13053

Re: Village at Varna – Tompkins County Energy Recommendations for New Construction (2018)

Dear Mr. Burger:

On behalf of Trinitas Development, LLC (“Trinitas”), I would like to take the opportunity to provide specific details on how the Village at Varna will address the goals illustrated in the Tompkins County Energy Recommendations for New Construction 2018 (“Recommendations”). Recently, Trinitas voluntarily participated in the Business Energy Advisors program offered by the Tompkins County Department of Planning & Sustainability. This program helped Trinitas set goals for energy performance. After analysis of County Recommendations and participating in an Energy Charette with the Advisors program, Trinitas is committed to designing and constructing the Village at Varna to meet many of the County’s energy goals.

As recommended by the Advisors, The Village at Varna will be designed to comply with the ENERGY STAR 3.1 Certified Homes program. This will include: high efficiency air source heat pumps, high efficiency hot water heaters, high efficacy lighting, ENERGY STAR appliances, and low flow water fixtures. Although on-site solar generation is not a financially feasible option for this community, care is being taken to ensure energy efficient building design is used with relation to the building envelope, lighting technology, and HVAC systems. Trinitas is committed to using best practices with respect to advanced framing methods, air tightness detailing, insulation, LED lighting design, and energy recovery ventilators. Lastly, in order to optimize energy performance, Trinitas will be completing whole building energy modeling to achieve a community average HERS score of 60 on all buildings. This translates to an average of 24 points under LEED v4 Home’s Annual Energy Use credit. On-site testing, inspecting, and verification (including blower door and duct tightness testing) will be performed by a certified HERS Rater to ensure that all design elements are installed and operating as intended.



TRINITAS

Thank you again for your consideration of the Village at Varna. We appreciate the services provided by the Tompkins County Energy Advisors team, and we look forward to completing the design of an energy efficient community. If you have any additional questions, please email me at khansen@trinitas.ventures.

Sincerely,

Kimberly L. Hansen

Kimberly L. Hansen
Manager, Design & Development
Trinitas Ventures