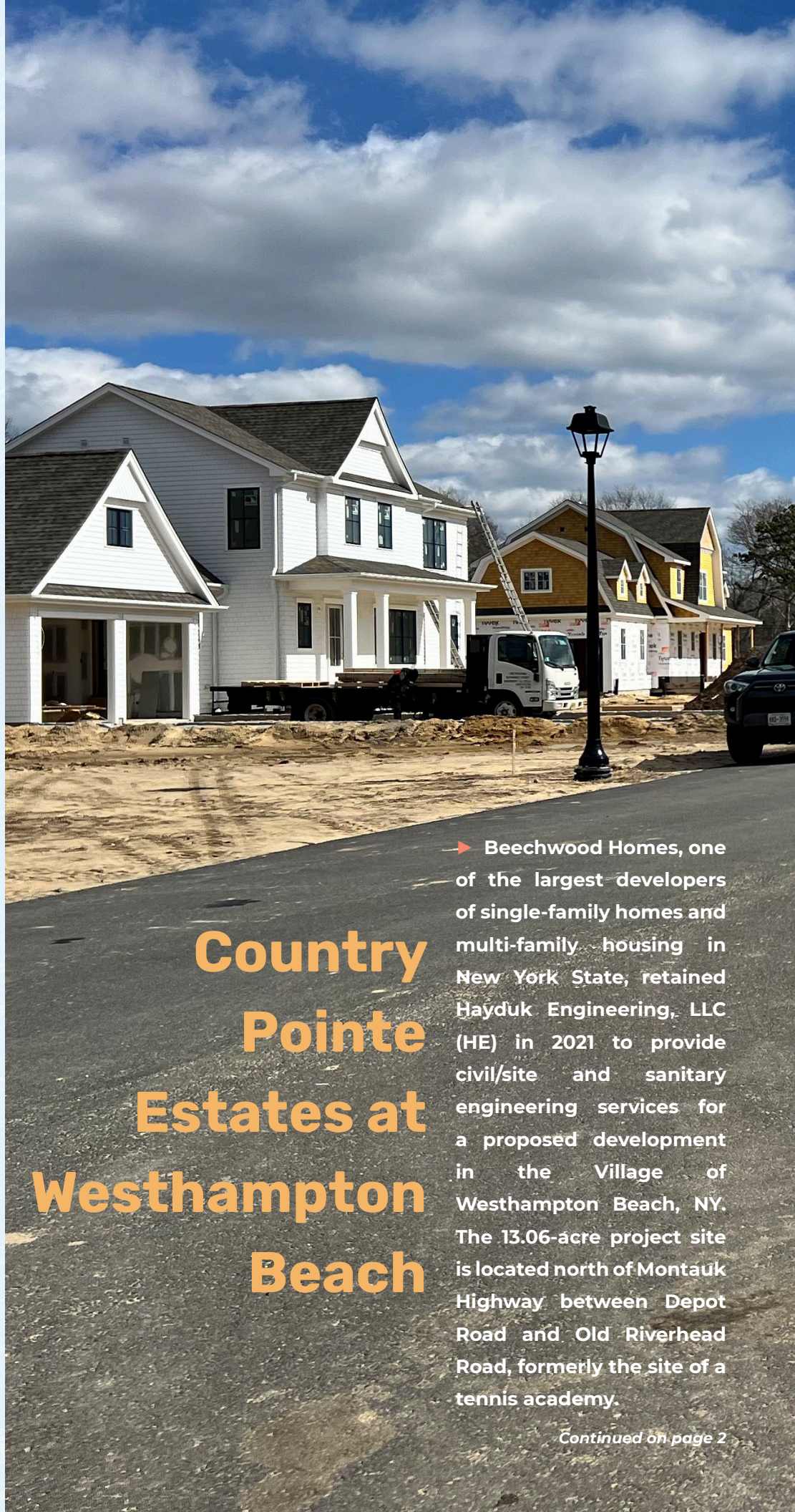


Summer 2024 NEWSLETTER

- ▶ *Country Pointe Estates at Westhampton Beach*
- ▶ *Fairfield Tudor at North Babylon Sewer Connection*



New York State Certified
Service-Disabled Veteran-Owned Business



Country Pointe Estates at Westhampton Beach

▶ Beechwood Homes, one of the largest developers of single-family homes and multi-family housing in New York State, retained Hayduk Engineering, LLC (HE) in 2021 to provide civil/site and sanitary engineering services for a proposed development in the Village of Westhampton Beach, NY. The 13.06-acre project site is located north of Montauk Highway between Depot Road and Old Riverhead Road, formerly the site of a tennis academy.

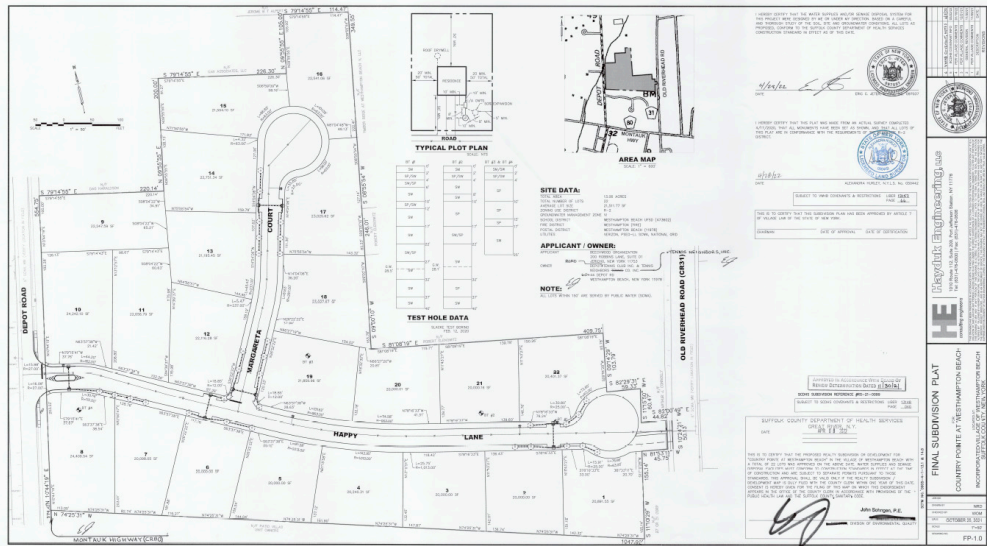
Continued on page 2

Beechwood initially proposed to develop the site for as many as 78 condominiums, but ultimately proposed a 22-lot subdivision of luxury homes. HE was responsible for the preparation of the subdivision plat, the roadway plans, including grading, drainage, utilities, lighting, and landscaping, and is currently working on the individual plot plans for each lot.

Developing the property at the proposed density required the HE team to develop a yield map to prove that 22 lots could

be constructed and meet all Village Code criteria, as well as the use of Pine Barrens Credits, to offset the exceedance of the allowable sanitary density of

the property. Each property is approximately 0.5 acres and is serviced by an individual Innovative/Alternative On-Site Wastewater Treatment System.



Construction of the project is well underway, and half of the homes had been sold by May, 2024. Several different home models range in size from 2,666 to 3,987 square feet, and are priced from \$2.27 million to \$3.47 million. ■





Welcome
Stephen Cluff, P.E.,
Director of Wastewater!

Hayduk Engineering, LLC is pleased to announce that Stephen Cluff, P.E. has joined the management team at Hayduk Engineering, LLC as Director of Wastewater Engineering.

“With more than 25 years of experience in the planning, design, project management, construction inspection and administration of stormwater and wastewater treatment systems, pump stations, and treatment facilities on Long Island, in New York City, and throughout the northeast, Stephen Cluff is a well-respected engineering professional who brings new strength to the team at Hayduk Engineering,” said firm principal and founder Stephen G. Hayduk, P.E. “His expertise includes wastewater membrane treatment, disinfection, reuse, sludge thickening, resiliency, odor control, process control, and trouble shooting. The addition of Stephen Cluff to the Hayduk team is a significant step forward and positions our firm well for additional growth in all areas related to wastewater engineering.”

Over the course of his career, Mr. Cluff has served as lead designer or project manager for numerous wastewater and coastal resiliency projects, including the rehabilitation of wastewater pump stations and treatment facilities operated by New York City DEP and planning and design for the conversion of the Town of Riverhead’s wastewater treatment plant to a membrane system that led to the first municipal wastewater reuse project in New York State.

A veteran of both the U.S. Army and Air National Guard, Mr. Cluff earned an MS in Biomedical Engineering from Stony Brook University, a BS in Bioresource/ Bioenvironmental Engineering from Rutgers College of Engineering, and an AAS in Survival and Rescue Operations from the Community College of the Air Force. He is a LEED Accredited Professional and licensed to practice engineering in New York, New Jersey, Massachusetts and Maine, and is affiliated with the New York Water Environment Association (NYWEA). He is also a licensed pilot and Certified Flight Instructor.

“Over the course of my professional career, I have been lucky to have had many opportunities to design complex projects, and to manage them to a successful conclusion,” said Mr. Cluff. “I look forward to using my training and experience to take the growing wastewater practice at Hayduk Engineering to the next level.”



Sara Sciotto, P.E.,
Director of
Transportation was
 featured in **New York**
Real Estate Journal
2024 Women in
Construction!



Hayduk Engineering has been named to **2024 Zweig Hot Firm List** rankings based on growth rate in gross revenues!



Hayduk Engineering was listed as one of the Engineering News Record **Top 100 Design Firms in NY/ NJ** for the **4th year in a row!** And one of the **top 100 engineering firms in New York.**

Fairfield Tudor at North Babylon - Connection to Suffolk County Sewer District 3

► The 271-unit Fairfield Tudor at North Babylon (formerly Somerset Village) garden apartment complex located on August Road in North Babylon had faced longstanding

challenges related to an under-performing on-site sewage treatment plant, and resulting enforcement actions. Hayduk Engineering, LLC completed a feasibility analysis to examine

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alternative approaches to replace the existing plant, which concluded that connection to Suffolk County Sewer District 3 – Southwest

would be a more cost-effective solution than constructing a new, on-site treatment facility at the apartment complex.



Hayduk Engineering designed an on-site pump station and force main to connect the Somerset Village complex to the Sewer District 3 collection system, completed an Engineering Design Report, and secured all necessary regulatory approvals for the project from the Suffolk County Department of Health Services and Department of Public Works. Hayduk also provided construction inspection services for the project, which required directional drilling of the newly installed sewer main beneath Southern State Parkway. The construction is also complicated by the presence of high groundwater conditions, requiring a dewatering system consisting of well points, to provide dry conditions for construction. Construction of the project is ongoing with completion of the connection anticipated this fall.

The successful completion of the project will eliminate the longstanding issues with sewage treatment that has been a problem for the housing complex, provide a stable and predictable financial future for the landowner, and will reduce nitrogen discharge in the Carlls River watershed, enhancing the protection of groundwater and surface water resources in the Great South Bay. ■



► We've Moved!

Due to the firm's continuing growth, Hayduk Engineering has relocated to larger offices in a more centrally located site to better serve our clients and staff. Our new address is

**2150 Smithtown Avenue, Suite 8
Ronkonkoma, NY 11779**

► We're Hiring!

Hayduk Engineering is seeking to fill a limited number of key management-level and senior engineering positions in our Civil/Site, Transportation, Wastewater Engineering Divisions, as well as several bridge and tunnel inspection and construction inspection positions. Please contact Stephen A. Hayduk, P.E. at sah@haydukengineering.com for more information.

► Announcements

Congratulations to **Christopher R. Butkos, P.E.** on passing his NCEES Professional Engineering exam!

► Promotions

Christopher R. Butkos, P.E. promoted to Project Engineer II

► New Hires

Stephen Cluff, PE, LEED, AP
Director of Wastewater Engineering

Jamal Ahmed
Bridge Inspector

Alex Haipu
Construction Inspector

Adnan Anwar
Staff Engineer

Uhmer Ahmed
Staff Engineer

► Recent Contract Designations

Prime

Beechwood Organization – Neighborhood Road Redevelopment Area

civil/site engineering, wastewater engineering, transportation engineering services

Crest Group – Highland Multi-Family Development

civil/site engineering services

880 Grand Blvd Commercial Site Development

civil/site engineering services

LA Fitness Port Jeff Station Sewage Treatment Plant Engineer of Record

wastewater engineering services

Fox Meadow Condominiums Sewage Treatment Plant Engineer of Record

wastewater engineering services

Town of Smithtown – Kings Park Bluff Restoration

civil/site engineering services

Sub

Battery Park City Authority – North-West Resiliency Project Design-Build

civil/site, transportation, wastewater engineering and construction inspection services

NYS Thruway Authority I-95 Highway Construction

construction inspection services

MTA C&D/LIRR – Four East End Bridges Replacement

civil/site engineering services

PANYNJ Newark Airtrain Reconstruction

civil/site and transportation engineering services

NYS Thruway Authority Biennial Inspection of the Mario Cuomo Bridge

transportation engineering services

MTA C&D/Metro North – Brewster Yard Improvements Design-Build

civil/site and transportation engineering services



HaydukEngineering.com 631-476-0600