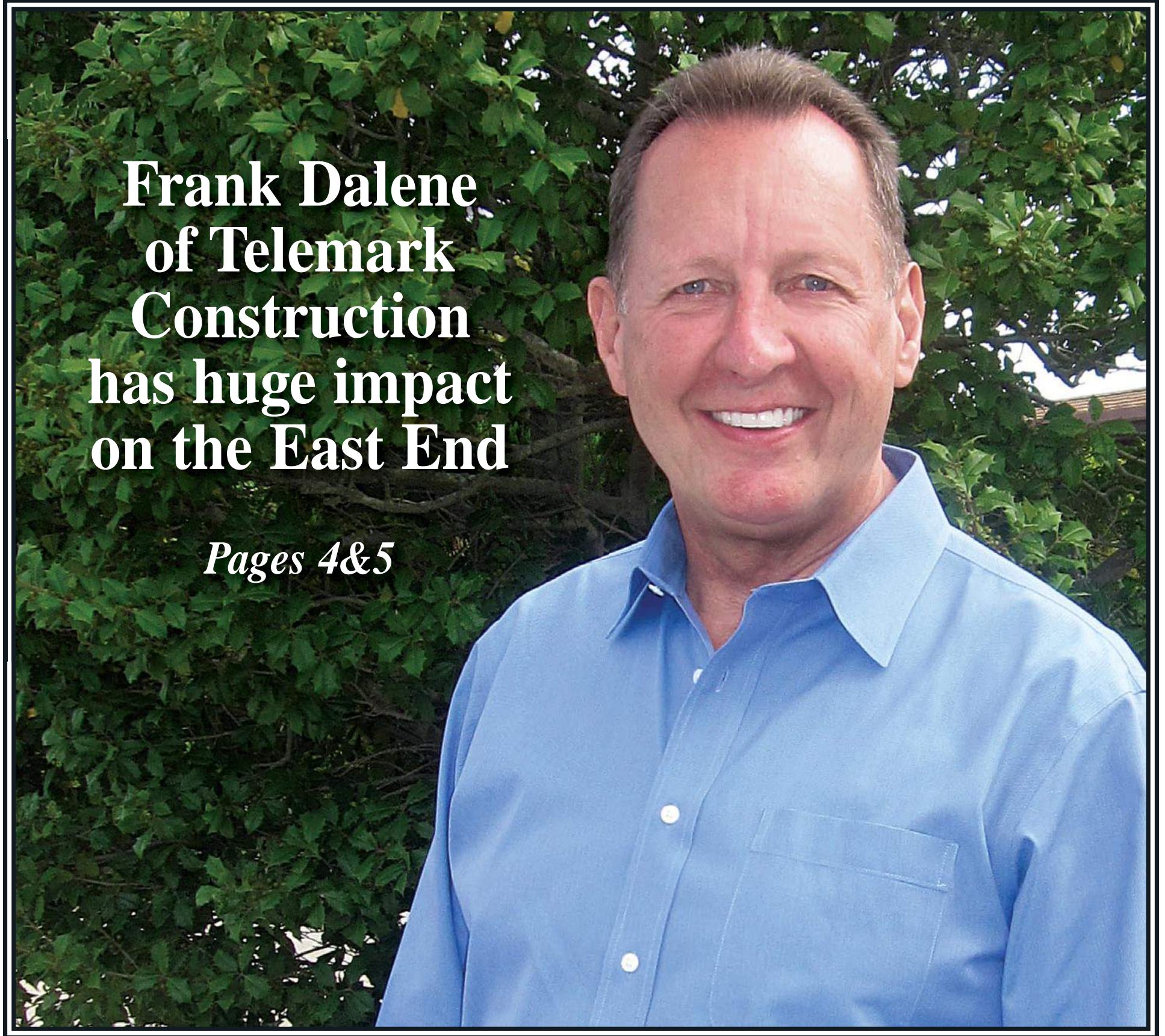


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Frank Dalene of Telemark pushes building into science

By DENIS SHEAHAN



Gwen and Frank Dalene

Frank Dalene, president of Telemark, is a man of many parts.

Not only is Dalene a builder with a highly regarded East End reputation, but he is an advocate for many initiatives.

“My mission is now to bring building into science,” Dalene said. “I want to push the envelope on sustainable and resilient building.”

In order to accomplish his goals, Dalene has embarked on an incredible personal agenda of joining and working with organizations from East Hampton to Asia and Europe.

He has been married to Gwen for 39 years and they have a daughter, Kat, who is an architect and works for the architectural firm of Bates & Masi.

Dalene has come a long way since he and his father started Telemark, Inc., a nationally known construction services company, in 1979. Through Dalene’s leadership, the firm is a pioneer in the use of alternative energy sources such as passive and active solar, and geothermal, for residential construction.

He has led the effort to create the Hamptons Green Alliance, organized to promote green building and maintenance practices. In fact, Dalene developed a mathematical formula that determines the carbon footprint of any manufactured product. His “Carbon Factor Index” earned him a spot as a panelist with scientists from around the world at New York State’s premier 2009 Advanced Energy Conference.

Dalene is the past president of the East Hampton Lions Club, Co-Chaired the East Hampton Lions’ Health and Sight Committee. He served on the board of directors of the Lions Eye Bank for Long Island at the North Shore Long Island Jewish Center. Dalene

is the founder and chaired the Lions District 20-S Gift of Life Committee. He served on the East Hampton Town Energy Star Committee, East Hampton Town Large Homes on Small Lots Committee and currently is chairman of the East Hampton Town Energy Sustainability Advisory Committee. Dalene is the founder and chairman of the USGBC-LI Chapter East End committee. He serves on the board of directors and executive committee as treasurer of the Peconic Institute.

“My contribution in the Peconic Institute is to help provide the ‘how’ of implementing transformational technologies into green, sustainable, resilient and smart built systems,” he said.

“Building Science isn’t science per se, perhaps it’s engineering and perhaps it’s the application of sciences but it doesn’t rise to the level of scientific critical review.”

Dalene serves on the Wainscott Citizen’s Advisory Committee, East Hampton Town Airport Planning Advisory Com-

mittee; Airport Noise Sub-Committee and East Hampton Town Budget Finance Advisory Committee; Airport Sub-Committee. Dalene was invited to speak at the 2009 Advanced Energy Conference titled, “ICEMAN® – International Carbon Equivalent Mechanism Attributed to Neutrality” and the 2010 Advanced Energy Conference titled, Functional Net Zero, Carbon Neutral Technologies.”

He was invited to speak at Zero Emissions Conference, ZERO10 in Oslo, Norway titled, “Func-



Panel, “The Future of Green Building,” in the 2013 GEGG he chaired the session “Green, Sustainable, Resilient and Smart Built Systems.”

In 2012 Dalene spoke at the Net Zero, Low-Carbon Building, Design and Construction Seminar with two presentations, “Net Zero and Low-Carbon Building” and “Southampton’s HGA House – A Case Study.” In 2013 he also spoke at the Manhattan Community Board 10, Harlem Green Economy Forum, “Policy – Green Policy, Trends and Realities.” In 2014 Dalene was invited to speak in The Inaugural Dialogue and workgroup for the establishment of the Center of Excellence for Greening in Yangon, Myanmar.

The ground breaking HGA house brought



The HGA house, largest LEED Platinum home in country, First Carbon Neutral in Construction Stage and 70% reduction of total energy.

PHOTOGRAPHER: JOAN LARSEN WOZNIAK

building into science, culminating in Dalene’s peer-reviewed paper being published in the American Institute of Physics, Journal of Renewable and Sustainable Energy in July 2012.

“Even though I was honored and pleased with the results, this is just the beginning; I am seeking to build more projects that will push the envelope, attain higher goals than what we achieved at the HGA House, continuing to implement the scientific method and the process of critical review,” he said.

“Built Systems are significant participants in the Nexus of Energy – Water – Food. All buildings worldwide combined use 40% of global energy, 25% of global water, 40% of global resources and are responsible for one third of global energy related greenhouse gas emissions. As global temperatures increase, the critical integration of built and natural systems rely on the application of transformational science and technology for improving existing sustainability criteria to increase resilience and their inter-

connectedness with adaptation, mitigation and preparedness,” Dalene explained.

Dalene received the 2009 Entrepreneur of the Year Award from American Solution’s American Business Defense and Advisory Council. He was inducted into the 2010 Alumni Hall of Distinction of New York State’s Commission on Independent Colleges and Universities. In 2010 Dalene was selected by Custom Builder Magazine’s “20 After 20” in their 20th anniversary series, Focus on 20 builders Who’ve Survived and Thrived for 20 Years or More. Dalene received the Lions International President’s Certificate of Appreciation 2009-2010 and the Lions International President’s Letter of Commendation 2010-2011. He received the highest award given to a Lion in New York State, the 2010 Robert J. Uplinger Distinguished Service Award. In 2013 Dalene was selected as an Honoree for Cadillac’s debut of their electric vehicle in the Hamptons, the Cadillac ELR. ■

