



Case Study #1 – Linstroth Residence/CableRail

Savannah Residence Achieves Sustainability without Sacrificing Beauty *Home Blends Contemporary Design into Iconic Historic District*

Challenged by restrictions imposed by the local Victorian Historic District and a personal goal of building a sustainable home within a strict budget, sustainability expert Tommy Linstroth and his team achieved sustainability without sacrificing beauty. Linstroth selected CableRail by Feeney railing infill for his new home located in the historic district of Savannah, Georgia; widely known as one of the most picturesque old-style residential districts in the southeast.

Designing for Sustainability

A principal of Trident Sustainability Group in Savannah, Georgia, Linstroth designed and built his new family home in partnership with architect Paul McKeever and contractor R Peacock Construction. Regularly advising companies on such subjects as organizational sustainability and Leadership in Energy and Environmental Design (LEED) certification, Linstroth carefully designed his own home to economically and effectively achieve a high sustainability rating. The home built for \$150/SF is the first LEED Platinum–certified single-family home in Savannah, GA.



Linstroth comments, “In coastal communities like Savannah, building products must be highly resilient to withstand the elements. CableRail is made from high-strength, weather-tough, 316-grade stainless steel which has both the durability to resist the coastal elements in our area and the sleek horizontal design we were looking for to match the contemporary architectural styling of the home.”

Of the five key elements in the LEED Green Building Rating System™, Feeney’s CableRail product contributed to LEED points primarily in the area of sustainable material specification. As a sustainable building product, the CableRail by Feeney cabling is manufactured from stainless steel that has a very high recycled content. It is also extremely durable and long lasting, and requires no chemical treatments, stains, varnishes or preservatives, unlike many railing infill products. Linstroth notes that this was one of his primary reasons for choosing CableRail, saying, “Sustainability was at the forefront in our selection of CableRail railing infill. As a low maintenance recyclable material made from 70 percent pre-consumer reclaimed content, CableRail offers durability and a long use cycle.”

Designing with Stylistic Versatility

Stylistically versatile, the innovative CableRail design aesthetic complements and enhances homes designed in a myriad of architectural styles. Lindstroth said, “The CableRail aesthetic was a decisive factor



in our selection process. I believe that a new building should look new, and my personal style preference in home design is contemporary. Because this block contains century-old houses clad in brick to siding to stucco, in spite of the historic district constraints, we weren’t required to rigidly follow an aesthetic. But in terms of height, mass, and window alignment, it had to fit in. The CableRail aesthetic fit in perfectly.” CableRail was used on the interior stairs as well, in order to enjoy an unobstructed view and to maintain a cohesive design from interior to exterior.

About Trident Sustainability Group

Tommy Lindstroth is principal of Trident Sustainability Group, a sustainability and green building consulting firm located in Savannah, Georgia. Trident provides green building design and construction expertise, and institutional sustainability services including LEED certification advice to organizations. Lindstroth has been involved with over 60 LEED certified projects, and is the past-chairman of the Georgia chapter of the U. S. Green Building Council (USGBC) and founder and past-chairman of the USGBC (Savannah Chapter). He is co-author of the book, Local Action: The New Paradigm in Climate Change Policy, and speaks nationwide on sustainability-related issues. (Photo credit: Angela Hopper Photography)

About Feeney

Feeney, Inc. is a leading manufacturer of high quality stainless steel and aluminum railing systems. Their products for exterior, interior, residential and commercial applications include CableRail stainless steel railing assemblies, Quick-Connect® self-locking cable fittings, and DesignRail® aluminum railing systems, as well as Sta-Lok® stainless steel rods and Lightline® door canopies. For 66 years, the Oakland, California-based company has been committed to building innovative, high quality, easy-to-use products that offer simplified solutions. To find a dealer near you or for more information, please visit www.feeneyinc.com.



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