

SALA Architects Preserves Historic Aesthetic Using LP® SmartSide® Lap Siding



Historic Victorian Home in Minneapolis Undergoes Complete Remodel to Achieve Net-Zero Status While Preserving Traditional Look

SUMMARY

SALA Architects, a Minneapolis-based architectural design firm, began developing artfully crafted, energy-efficient designs in 1983. Since then, they've built their reputation on translating their clients' dreams into uniquely designed structures that sit lightly on the land upon which they are built.

In Fall 2014, they started the design of a net-zero Victorian era home remodeling project in Minneapolis. Homeowners Stewart and Linda Herman purchased the 1907 home with the intent to remodel it in a way that would maintain its original, historic beauty while conserving energy through a net-zero build.

To build the home with zero net energy consumption, the team needed to rip off the existing siding and replace the insulation with a more efficient system of materials. The resulting re-side needed to be both durable in harsh Minnesota winters and match the look of the home's original siding. SALA Architects chose LP® SmartSide® Smooth Texture Lap Siding to preserve the home's historic aesthetic, while assuring the durability needed to resist extreme weather conditions.

OBJECTIVES

The Hermans purchased the Victorian to build a net-zero home that would preserve the exterior beauty and serve as a place to comfortably spend their retirement. Stewart says, "We are fully invested in tradition. We wanted the traditional look and feel, but we didn't want to have to pay the price that comes with older homes, like poor circulation, cold spots and high energy bills." With this, the Hermans looked to SALA Architects Senior Associate Marc Sloom for guidance.

Prior to using LP SmartSide siding products, Sloom used fiber cement siding. But with the Hermans' goal in mind, Sloom sought an alternative. He says, "I looked around to find a good way to preserve the traditional look that would be both durable and economical." Then, at a local Home & Gardener Show, Sloom says, "I

In Brief

LOCATION

Minneapolis, MN

PROJECT SUMMARY

Marc Sloom, Senior Associate at SALA Architects, used LP® SmartSide® Smooth Texture Lap Siding, Trim and Fascia on a Minneapolis Victorian era traditional home that was remodeled to preserve the traditional look of the original 1907 home while achieving zero net energy consumption.

WEBSITE

www.salaarc.com

PROJECT OBJECTIVES

Sloom needed a product that would embrace and enhance the timeless, historic aesthetic of the beautiful Minneapolis Net-Zero Victorian and be durable to meet the homeowners' wishes to comfortably spend their retirement years at home.

LP SmartSide Smooth Texture Lap Siding, Trim and Fascia were used to achieve a traditional look with durability.

"By using SmartSide, we could embrace and enhance the beauty that was already there."

Marc Sloom, SALA Architects



saw LP SmartSide siding, asked the industry professionals' opinions on it, and were all really positive in the things they had to say about LP SmartSide."

After proposing LP SmartSide siding and ensuring the Hermans that he had confidence in the products' aesthetics and durability, Sloat decided to use the LP SmartSide Smooth Texture Lap Siding, Trim and Fascia for the project.

IMPLEMENTATION

SALA Architects started designing the remodel of the 1907 Minneapolis Victorian in Fall 2014 with two primary goals in mind—achieve net-zero energy consumption and maintain a traditional aesthetic. One way to help achieve net-zero energy would be to increase the insulation, so the entire outer "skin" of the home was removed at the start of construction. Once they increased the insulation in the home, SALA needed to re-side the entire home.

It was important that LP SmartSide products embraced the historical look of the home. SALA selected LP SmartSide Smooth Texture Lap Siding as well as LP SmartSide Trim and Fascia for the corner boards.

According to Sloat, they designed the home so that the "high performance aspects wouldn't jump out," but be incorporated in a seamless way to "embrace and enhance the beauty that was already there."

OUTCOME

The home was completed in Spring 2017. The Hermans say their remodeled home has gone beyond their expectations in reviving the

original beauty and increasing its livability, in part through the use of LP SmartSide products. Stewart says, "What we achieved is a 100 percent traditional look. It looks like a brand new 1907 house."

Likewise, Sloat says, "LP SmartSide products are nice to work with, look great, are durable, and hold the paint well."

In the end, Sloat summed it up: "The Minneapolis Net-Zero Victorian is an incredibly beautiful house and contribution to the neighborhood with phenomenal performance."

