# **NAHB** The New American **Remodel**® 2022

TNAR® NAHB The New American Remodel | PRO REMODELER PROFESSIONAL REMODELER

THE OFFICIAL MEDIA PARTNER OF NAHB

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**SHUTTLE BUS INFORMATION**

Registered 2022 IBS and KBIS attendees can tour The New American Remodel (TNAR) exhibition home daily during the show via complimentary shuttle buses departing every half hour from the Orange County Convention Center. The shuttle bus tickets will be distributed on a first-come, first-served basis. For the best opportunity of securing tickets, visit the TNAH/TNAR booth early located in the Hall C lobby (opens at 7:30am) on the day you want to take the tour and pick up your ticket for the time that day you want to go. Shuttle buses depart every 30 minutes from the OCCC back, of the West Hall beginning at 8:30 a.m. until 3:00 p.m. daily Tuesday through Thursday. In an effort to keep our attendees and staff safe, attendees will be required to follow the published health and safety protocols. (Masks will be available at the OCCC if needed.)

**SHUTTLE BUSES RECOMMENDED AND IF YOU DECIDE TO DRIVE, THE ADDRESS IS:**
2672 Lakeshore Drive, Orlando, FL 32803

# A THANK YOU TO OUR SUPPLIERS

## PLATINUM

- M Eaton
- M Ferguson Enterprises, LLC
- M Mitsubishi Electric

## GOLD

- M Kohler Co.
- M KOHLER Generators
- NordicTrack/iFit

## SILVER

- M Bosch Home Appliances /Thermador
- M Environmental StoneWorks
- M SharkBite Plumbing Solutions
- M Wellborn Cabinet, Inc.

## BRONZE

Clopay
Crestron Electronics
M Danver Stainless Outdoor Kitchens
M Fi-Foil Company, Inc.
M JELD-WEN, Inc.
M LiftMaster
M Omega Flex, Inc./TracPipeCounterStrike
M Phantom Screens
M Propane Education & Research Council
M Sherwin-Williams
Sol-Ark
M StruXure
VintageView

### LSC CONTRIBUTORS

M Broan-NuTone
M Cambria
M DuraVent/Hart & Cooley
M Huntsman Building Products
M InSinkErator
M L&W Supply
M Mr. Steam
M Somfy Systems

### PARTICIPATING COMPANIES

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Andover Audio
Architectural Drywall Systems
AutoHot
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Beaver Door & Trim
Bedrock Wireless
CDG Closets
Cellar Pro
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Maiden Steel
Millenia Bath
Napoleon
NDR Electric
Northwest Door and Hardware
PowerSync Energy Solutions
ProTech AC
Rachio
Resysta
Santa Fe Dehumidifiers
ScenaVR
Signature Landscape
Solaria
Solar Source
Total Home Interiors
Two Trails
WORX

M = Leading Suppliers Council Member

# TNAR 2022 BUILD TEAM

*Left to Right Standing:*

**Jamahl Gibbons**
Manager
IBS Show Homes

**Sam Ewing**
Interior Designer
Ewing Noble &
Winn Interiors

**Eric Gray**
Owner
Designer Trade
Services

**Robert Hanbury**
TNAR 2022 Chairman

*Left to Right Sitting:*

**Tucker Bernard**
Executive Director
NAHB-LSC/TNAH/TNAR

**Lonnie Rodriguez**
Project Manager
– Vendor Relations

**Phil Kean**
Architect, Architecture
by Phil Kean

**Jeff Bankert**
VP, Executive Producer,
NAHB Media/Structure
Productions

**Darren DiPatri**
Manager, Production,
NAHB Media/Structure
Productions

**Bob Hanbury**
TNAR 2021 Chairman

**Drew Smith**
COO
Two Trails, Inc., Energy
Verifier and Consultant

**Erika Mosse**
Director of Content
SGC Horizon LLC

**Bill Black**
Director of Sales
SGC Horizon LLC

**Judy Brociek**
Director of Events
SGC Horizon LLC

Photos courtesy of Jeffrey A. Davis Photography, Inc.

### Design Techniques

The task force team was focused on upholding the architectural integrity of the mid-century modern by preserving some design concepts present during that time period. This modernist movement of the period focused on simplicity, flat planes, large glass windows and open spaces. These aspects of the mid-century modern design theme are exhibited in this fully renovated home.

# THE NEW AMERICAN REMODEL 2022

On the banks of Lake Sue, this year's New American Remodel is a showcase of innovation, preservation and integration. When designing for the New American Remodel, the team wanted to keep the homes initial design concept intact. This mid-century modern home displayed a focus on clean lines and functionality. From the mahogany walls to the minimal ornamentation, the existing home represents a time period of simplicity. This one-story, 2,500 square-foot mid-century modern home was expanded and repurposed to a state-of-the-art home, while still retaining its original architectural charm.

There were several design and construction challenges that were present in the original build. Eric Gray, the builder of The New American Remodel, coordinated with Two Trails, Phil Kean Designs and Mitsubishi Electric to design a mechanical plan that would conceal the HVAC equipment while serving all rooms in the home efficiently. The existing property didn't have an attic, so a mechanical closet had to be constructed to house the equipment. The new electrical requirements presented a challenge for Eric when it came to remodeling the property. The existing electrical components throughout the home were repurposed to increase the maximum current capacity.

In addition to these challenges, the building envelope had a variety of energy inefficiencies. During the initial testing phase performed by Two Trails, Inc., it was determined the home had a HERS Index of 115. This means the home was 15% less efficient than the average new code-built home.  Upon completion, the 2022 New American Remodel will exceed the requirements of the National Green Building Standards and has a preliminary HERS index of -22. In addition, to being EPA ENERGY STAR and Indoor airPLUS rated The home will incorporate 12.8 KW of high-efficient Solara 400-watt solar panels to power its electrical systems, which is projected to provide 100% of the annual electric energy needs for the home.

In an effort to reduce water consumption, low flow plumbing fixtures from Kohler, on-demand hot water recirculation by AutoHot and Bosch water heaters were incorporated into the design. Also, natural, indigenous landscaping with minimal usage of turf grass reduces landscaping watering requirements. The high-efficient micro spray, driplines and irrigation controller contributed to the outdoor water use reduction.

The 2022 New American Remodel boasts over 6,693 square feet of living space, including a 1,000 sq. ft. separate guest house with a powder room, kitchenette and a bathroom. The main home features four bedrooms, four bathrooms, a private office, two electrical fireplaces, seamless indoor and outdoor living environments separated by large LaCANTINA sliding glass doors, a lanai with a luxurious summer kitchen, a uniquely customized chimney cap from Chimney King and a large pool with a spa.

The combination of supply chain and labor issues affected the building and remodeling industry during the past couple years. This project was impacted with delays which made it difficult to manage the strict, condensed construction schedule. However, with help from Greater Orlando Builder Association, the city of Orlando and the participating suppliers the project was completed on time for the International Builders Show. The goal of the build was to keep the integrity of the home intact, while enhancing the views of the lake, opening up the floor plan and integrating new technology into an existing structure.

The New American Remodel is a perfect representation of the remodeling industry today. Despite all of the hardships and challenges this project faced, the goals of this complete renovation have been met. Additional living space has been designed and constructed within the existing mid-century home. The period architecture was maintained while incorporating a current at-home lifestyle. This showcase of innovation exhibits innovation with preservation while achieving high performance in green building standards and efficiency.

# BEFORE

This mid-century modern, 2,500-square-foot property was originally built in 1963. It was important to Designer Trade Services and Architecture by Phil Kean to design and build a unique living space while maintaining the period architecture. Complete interior and exterior renovations were required to exhibit a remodeled home that achieves high performance in green building standards  and energy efficiency.

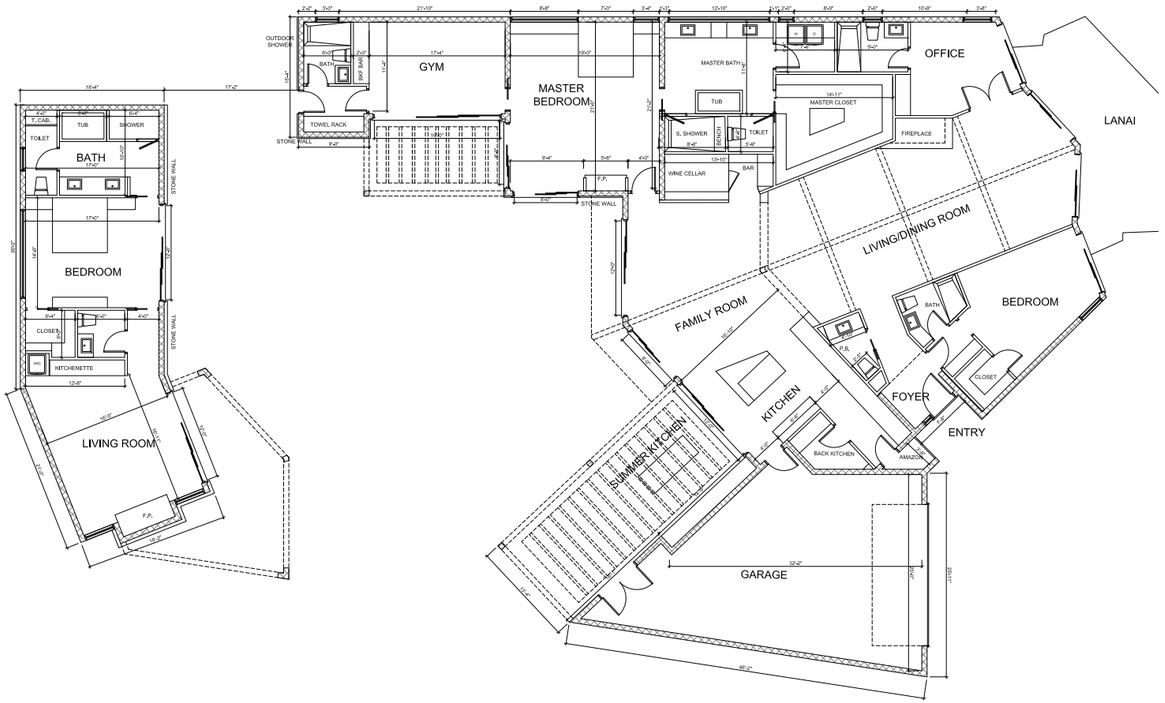
# AFTER

This innovative masterpiece achieved the rigid milestones of set during a strenuous time in the remodeling industry, while staying true to the original design of the property. The comprehensive renovations transformed the modest lake view property into a luxurious 6,993-square-foot exhibition home. While staying true to its original character, the property more than doubled in size and now boasts four bedrooms, four bathrooms, a three-car garage, a detached guest house, and abundant outdoor living space with an expansive pool and a summer kitchen.

# ARCHITECTURE DESIGN

The goal for The New American Remodel was to ensure the design of the home captured the essence of a mid-century modern property while integrating new technology, current trends and housing concepts. The intention of the design was to make sure they modernized the entire property while keeping the structure of the home intact. The new additions exhibit architecture that compliments the original design and maintains a subtle profile to match the core structure.

The home now boasts 6,993 square footage of living space with a courtyard space that is ideal for entertaining outdoors and a guest house that offers high-end, private accommodations. The elaborate outdoor pool design creates a sophisticated swimming experience that compliments the surrounding landscape. The cathedral ceiling design features symmetrical sloping angles that provide a balance between both sides of the home.



# OUTDOOR LIVING

Enhancing the outdoor living areas of The New American Remodel required expanding the footprint of the existing home and to integrate current trends and technology to reflect industry changes. The Pergola X from Struxure provides incomparable functionality and protection with from sunlight with operable louvers that can pivot and tilt to match the desire of the homeowner. The outdoor kitchen contributes to the pool courtyard, exhibiting well-crafted outdoor kitchen cabinetry from Danver Stainless Outdoor Kitchens. The stainless-steel outdoor appliances from Ferguson provide a quality cooking experience, perfect for entertaining guests regardless of the weather conditions.

**Danver**

OUTDOOR KITCHENS

Danver Stainless Outdoor Kitchens manufactures stainless steel cabinetry in an array of designer colors and unique door styles. Danver's modular cabinets allow for flexible design and easy construction.

**Ferguson**

OUTDOOR APPLIANCES

Ferguson's outdoor appliances help to create an outdoor culinary experience that is durable enough to withstand the elements.

**StruXure**

PERGOLA X

Pergola X adds a luxurious look with superior quality and state-of-the-art technology built into the innovative system. This completely customizable system can include lighting, LED's and ceiling fans.



The New American Remodel 2022 coupled preservation with innovation, including innovative technology, current trends and unique energy efficiency concepts. This completely renovated mid-century property is located on the beautiful banks of Lake Sue in the charming neighborhood of Rose Isle. Designer Trade Services collaborated with Architecture by Phil Kean and Ewing Noble & Winn Interiors to create an innovative masterpiece that remains true to the period architecture. A variety of unique concepts make this one of the most original projects in the history of The New American Remodel program.

Here are some of the most unique concepts featured in this year's New American Remodel:

**Air Distribution with Cathedral Ceilings** – Distributing air throughout a property that has a cathedral ceiling running through the middle of the home can be very challenging. However, Mitsubishi Electric's wall mounted mini split units, used for multi-zone systems, helped to create a comfortable indoor environment while utilizing multiple operating modes, multiple fan speeds and airflow directions.

**Interactive Fitness Experience at Home** – This global pandemic has changed the way we approach healthy living in the industry. With the increase of teleworking opportunities, more people are focused with enhancing their health from their home. NordicTrack/iFit allows you to experience interactive personal training from the comfort of your home. The digital personal trainers are integrated with the exercise equipment to adjust the speed, incline and resistance of the machine based on the workout.

**A Smart Remodel** – Integrating new technologies into an existing property can be very labor intensive and complicated. However, the Crestron smart home experience contains an extensive collection of intuitive control options. This system is fully customizable was integrated with Ferguson's lighting fixtures and the home entertainment system to produce a whole home smart experience.

**Efficiency Behind The Walls** – The humidity and moisture in Florida's air create mold and mildew issues for homes. Fi-Foil M-Shield solution is a paperless masonry wall insulation that contains no cellulose, eliminating the food source for mold growth. Their Hy-Fi Hybrid adds a minimum R 7.0 based on 2" of spray foam and 1 ½" of cavity air space while eliminating the need to shave excess spray foam.

**Fully Automated, Whole Home Fresh Air System** - Broan-NuTone's OvertureTM fully automated air quality system features sensors and smart plugs throughout the home, detecting changes in CO2 and other air quality measures and automatically activating fan-driven filtration for cleaner, contaminant-free air. When the system detects a rise in indoor air pollution caused by an increase in particles or contaminants, the system will turn on the nearest ventilation fan to remove the pollutant while simultaneously pulling in fresh, clean air from outside.

**Superior Protection from the Elements** – The high-performance products in The New American Remodel provide the highest standard of quality and stability both inside and outside the home. JELD-WEN's Siteline® wood and clad-wood windows are built with chambered composite interior sills for additional strength and enhanced thermal efficiency. StruXure's Pergola X are constructed with from fully-extruded aluminum and stainless-steel components with a premium powder coat that is important when protecting against adverse environmental conditions. Danver's outdoor kitchen assembly offers 100% stainless steel for maximum durability and strength as well as a maintenance-free powder coat finish to protect and enhance the longevity of the outdoor product.

**Harnessing Solar Energy** – The 12K Hybrid Inverter from Sol-Ark allows the end user to utilize power from various sources including solar, wind, hydro, as well as the electrical grid and batteries. The Smart Loads 14 product is a load management solution with learning capabilities and remote control that can help run more loads in the home with a smaller inverter size. This works in tandem with Solaria's 400-watt solar panels that has a patented Pure Black™ technology that eliminates dead spots and enhances shade performance.

**Frameless Cabinetry & Wine Storage** – The Aspire frameless cabinetry line from Wellborn Cabinet, Inc., is defined by its clean lines and modern European style. The sleek and minimalistic features blend perfectly with the mid-century modern design theme. The low-profile aspect of the Evolution Wine Rack System and the Perch from VintageView displays slim and simple floor-to-ceiling wine racks that are ideal for premium wine bottles.

The importance of The New American Remodel program is to highlight the significant role the remodeling market has within the overall housing industry. It demonstrates how remolding professionals are embracing green building, aging in place, sustainability and energy efficiencies. This program is recognized among the nation's most prestigious remodel home exhibits and is one of NAHB's most successful and visible programs.

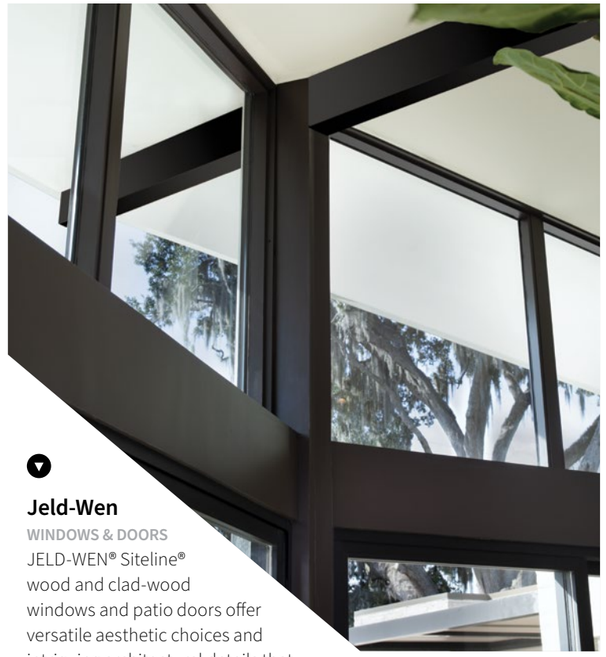
# INTERIOR DESIGN

The New American Remodel incorporates a mid-century modern style with clean lines and gentle organic curves throughout the home. The goal of the interior design is to keep the integrity of this period while implementing new concept to match innovative product selections. This design concept, which was popular in the 1950's and 1960's, is defined by large windows, simple architectural lines and a lack of decorative flourishes. Because of the emphasis on architectural preservation, the home will be an authentic example of that period by exhibiting minimal ornamentation and a vast range of hues.

The contemporary design concepts will be introduced in this remodel, originally built in 1963. The expansive culinary showcase, spacious bathrooms and closets as well as aging-in-place features will be incorporated into the design to demonstrate living styles in the remodeling industry. Post-pandemic elements, such as the home office space and the home gym, have been designed to exhibit how the world has adapted to a global change. However, these new spaces have been designed to respect the integrity of a mid-century modern home, paying homage to the original style.

The bedrooms will have 8-foot ceilings while the cathedral ceiling in the living room will have a carpeted floor. The existing mahogany panels on the walls in the living room will be replaced with a walnut finish. The new cabinets in the kitchen will display simple, smooth finishes to compliment the home's furnishings that will remain true to the period architecture. The task of embracing green building, sustainability and energy efficiencies is always a challenge with remodeled homes due to the current technological trends and concepts. However, Ewing Noble & Winn Interiors accomplished the goal of "innovation with preservation" in The New American Remodel 2022.





**Jeld-Wen**

WINDOWS & DOORS

JELD-WEN® Siteline® wood and clad-wood windows and patio doors offer versatile aesthetic choices and intriguing architectural details that complement the home. The clad exterior protects the life of the wood window, promoting longevity and decreasing maintenance.

**Sherwin-Williams**

PAINT

Sherwin-Williams SuperPaint® with Sanitizing Technology, part of Sherwin-Williams Living Well™ collection, delivers continuous and ongoing antibacterial action.

This EPA-registered paint has been vigorously tested and is proven to kill 99.9% of staph and E. coli on painted surfaces within two hours of exposure on painted surfaces. The effectiveness lasts for up to four years as long as the integrity of the surface is maintained.

**Environmental StoneWorks**

RIPIANO PANELS

The high quality Sabbie Nere Grezzo stone veneer from Environmental StoneWorks presents simplicity, clean lines a tactile design fit for a mid-century modern masterpiece.

**VintageView**

MODERN WINE RACKING

The Perch system from VintageView elevates premium wine bottles by placing them on the side of W Series Frames or floating them in abstract layouts on the wall.

# CULINARY SHOWCASE

This modern kitchen was repurposed and restored to become the centerpiece of the home. The open layout conveniently connects the kitchen to other parts of the home and the eat-in area opens into the summer kitchen through the sliding glass doors from JELD-WEN Windows and Doors. The cutting-edge appliances from BSH Home Appliances Corporation deliver a bold design, unmatched performance and exceptional innovation that blend seamlessly with Aspire Cabinetry™ from Wellborn Cabinet, Inc. The quartz countertops display a uniform, non-porous surface that is durable and stylish.

## BSH Appliances

APPLIANCES

Thermador's remarkable collection of professional appliances displays an innovative presentation that can be incorporated into any modern kitchen.

## Kohler

SINKS AND FAUCETS

The Graze smart faucet by Kohler uses voice-activated technology to dispense measured amounts of water through spoken commands. The faucet functions with the Kohler Konnect app to monitor water usage and flow alerts.

## Wellborn

CABINETS

The Aspire Cabinetry from Wellborn Cabinet® is a full access frameless brand that includes wood, decorative laminate textured veneers and high and matte gloss acrylic doors to support an increasing trend of modern design.

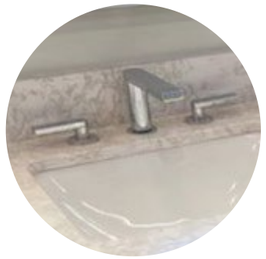
## Omega Flex

GAS PIPING

The CounterStrike® CSST from OmegaFlex utilizes a black jacket material that has energy dissipating properties that will help the stainless-steel pressure liner as well as other fuel gas system components if the gas piping becomes energized due to lightning in inclement weather.

# MASTER SUITE

The expansive master suite was completely redesigned to display today's standards in design concepts and current trends. This master bedroom serves as a spacious and elegant retreat with an all-purpose home gym outfitted with interactive fitness products from iFit. Lake Sue is visible through the sliding glass doors from JELD-WEN Windows and Doors, filling the entire suite with ambient sunlight.



**Kohler**

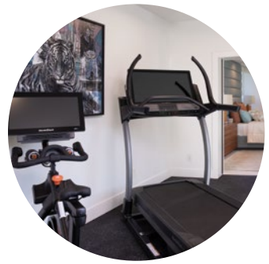
BATH PLUMBING

The brilliant faucets and sinks from Kohler display excellence in design, craftsmanship and innovation.

**Eaton**

OUTLETS

These receptacles from Eaton Electric provide branch circuit surge protection to help protect the home from electrical issues while providing power for personal devices."



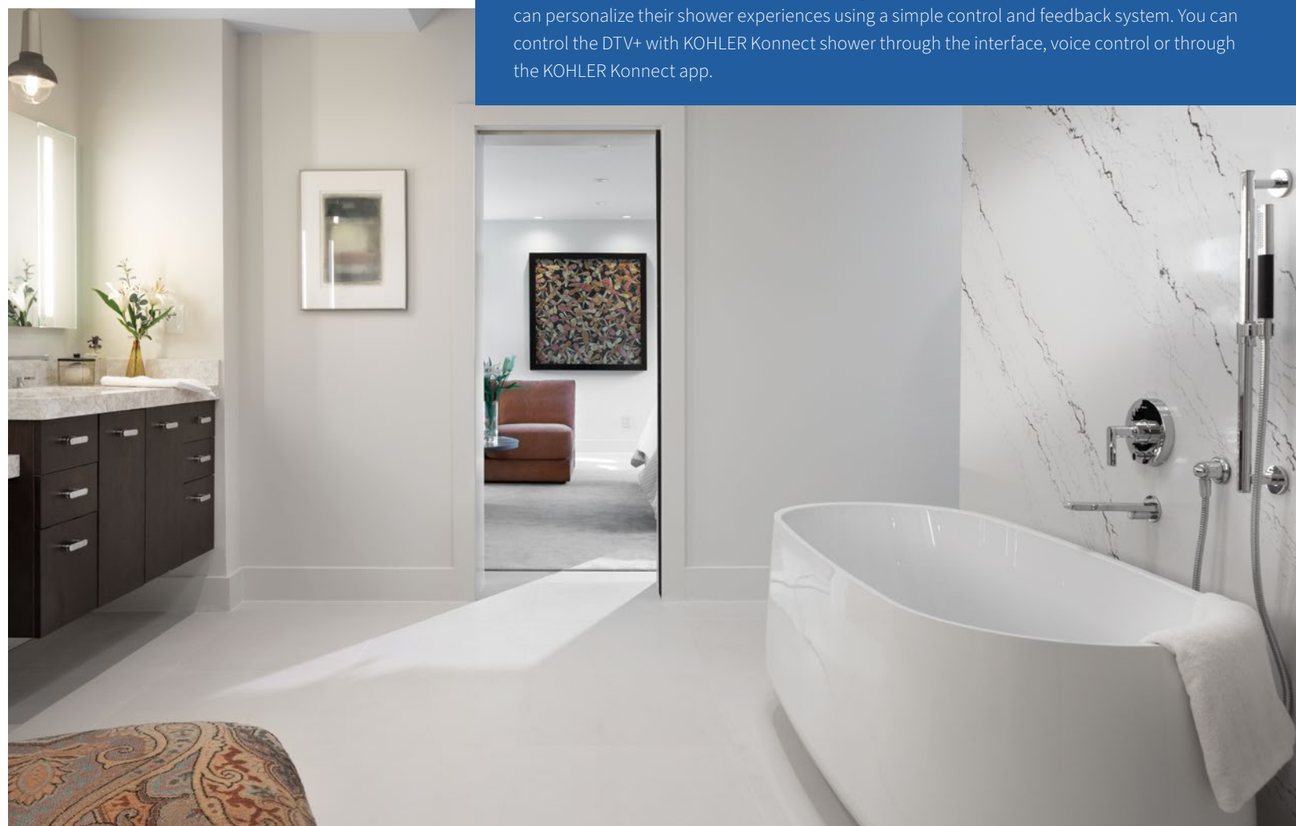
**NordicTrack/iFit**

EXERCISE EQUIPMENT

This interactive, personal training system comes with an app that has a large library of classes led by knowledgeable virtual instructors with hundreds of workouts and exercise plans

**Digital Shower Experience**

The KOHLER Konnect platform has been integrated into the Remodel home. The end user can personalize their shower experiences using a simple control and feedback system. You can control the DTV+ with KOHLER Konnect shower through the interface, voice control or through the KOHLER Konnect app.



# EFFICIENT MEANS & METHODS

The Home Energy Rating System (HERS) Index is the nationally recognized system for inspecting and calculating a home's energy performance, with a 100 rating being standard. The original property displayed 115 on the index, which is 15% less efficient than the average new home. The New American Remodel is expected to achieve a -22 on the HERS Index, meaning it will be 122% more energy efficient than the average new home.

**Windows and Doors**

The AuraLast® pine windows and doors from JELD-WEN enhanced the energy efficiency in the home by providing an element of natural lighting while decreasing the U-value. The home incorporates 400-watt solar panels to power its electrical systems, with the help of Sol-Ark's all-in-one solar battery system, which is projected to provide 100% of the home's electric needs.

**Generators**

Designer Trade Services incorporated this innovative generator from Kohler Generators that connects to the electrical system for an instant restoration of power. The 20-kW model helps to keep appliances and HVAC systems functional.

**All-in-One Solar Inverter**

The Sol-Ark 12K is a high-quality hybrid inverter with up to 13kW of solar panels, 9kW of continuous power, a huge 16kW peak, and 4ms (no-glitch) transfer time if the power goes out. Hybrid inverters allow you to use power from various sources; solar, wind, and hydro, as well as the electrical grid and batteries.

**Insulation**

The M-Shield™ wall insulation from Fi-Foil is an innovative solution for mold and mildew mitigation, especially in humid climates. This compact and high-performance product not only improves indoor air quality, but it also helps to lower the HERS rating as well as other energy rating indices.

**Eaton**

LOADCENTER

This loadcenter by Eaton Electrical utilizes the electricity supplied to the home and distributes the power throughout the home to feed lights, receptacles and other equipment. Eaton's electrical equipment provides reliable power breaking and circuit protection.

**Mitsubishi Electric**

HVAC

The ceiling mounted cassette indoor unit from Mitsubishi Electric has a low-profile design that is paired with quiet operations with multiple operating modes and fan speeds to accommodate any room in the home.

**Fi-Foil**

INSULATION

Fi-Foil's Flex Foam is a continuous insulation solution that reduces radiant heat transfer throughout the home. The Low-e aluminum reinforced facing reduces up to 96% of radiant heat transfer. The insulation is perforated to allow vapor transmission and coated for long term performance and corrosion resistance.

**PERC**

PROPANE

Propane provides jobsite flexibility by providing gas energy for portable generators and construction heaters during the project. Propane Education & Research Council used their connections and services to help provide water heaters, outdoor fire features and appliances within the home.

**SharkBite**

EVOPEX

The SharkBite EvoPEX system is an evolutionary push fit plumbing system for residential and the only plumbing system that allows installers to plumb an entire potable water installation without needing special tools, optimizing install efficiency and reducing installation errors.

# PERFORMANCE

**Thermal Shell**

- Unvented and air-sealed attic with Huntsman open-cell polyurethane spray-foam insulation (R-21).
- High-efficient Jeld-Wen Windows and La Cantina sliding glass doors with low-e coating, argon gas fill, and U-Values of 0.3 and SHGC of 0.2 to limit solar heat gain and optimize air tightness
- Exterior CMU walls insulated using injected core-fill foam insulation and Fi-Foil reflective wall insulation (R-12.1).
- AeroSeal's AeroBarrier aerosol thermal envelope sealer utilized to further reduce envelope leakage
- Large overhangs to aid in protecting the home from the harsh Florida sun
- Light colored exterior to assist in reflecting the sun

**HVAC**

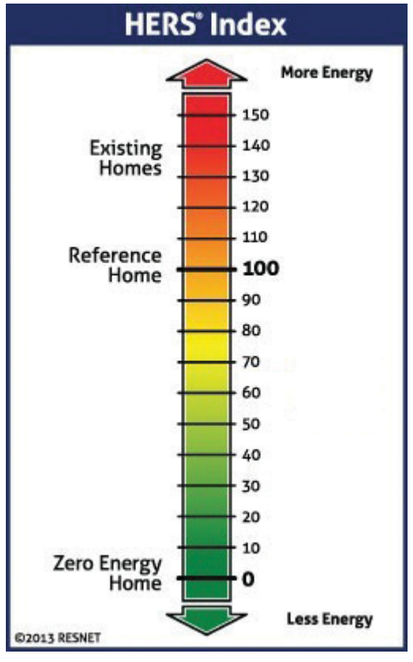
- Mitsubishi's Horizontal-Ducted Heat Pump system provides space conditioning
- Multiple Air Handling Units provide individual room climate control
- Mechanical ventilation provided by Broan NuTone
- Dehumidification by Ultra Aire
- Space conditioning system located entirely within the conditioned space

**Water Heaters**

- Bosch ENERGY STAR®-rated tankless water heaters with insulated hot water lines utilized throughout the project to reduce heat loss and increase efficiency.

**Electrical**

- 100% energy-efficient LED lighting for all interior and exterior lighting
- Bosch and Thermador ENERGY STAR®-rated appliances
- ENERGY STAR®-rated variable speed pool pumps




Two Trails worked closely with E2 Homes to ensure energy efficiency and innovation in The New American Remodel. During pre-remodel testing, the HERS Index was calculated as 147, which is 47% less-efficient than the average new code-built home. With the solar array the HERS Index is -11, setting the record for the largest improvement of efficiency in program history!

**Solar Array**

- 32 Solaria 400-watt solar panels with a 12 kW Sol-Arc Inverter and battery backup system.

**Energy Efficiency and Innovation**

The New American Remodel (TNAR) 2022 exhibits cutting-edge products from manufacturers all over the world. TNAR 2022 is designed to exceed the requirements for certification to the Emerald level of the National Green Building Standard™. Its energy-efficient features can be used in any hot-climate home at any price point and still achieve similar energy savings. TNAR 2022 is also targeted to be certified LEED Platinum, EPA ENERGY STAR® program as well as the Indoor airPLUS program and the DOE Zero Energy Ready Home certifications.

Two Trails, Inc. worked closely with Designer Trade Services to ensure energy efficiency and innovation in TNAR 2022. Pre-remodel, the home had a HERS Index of 115, which is 15% less efficient than the average new home. After the remodel, the home will achieve a HERS Index of -22. The home incorporates 12.8 KW of high-efficient Solara 400-watt solar panels which provide 100% of the home's electric energy needs.

**Water Efficiency Features**

In addition to energy savings, this home is designed to achieve approximately a 52% reduction in water use from pre-remodel levels. This remarkable water use reduction is made possible using low-flow water fixtures and a high-efficiency irrigation system. Water saving features include:

- Kohler low-flow, EPA WaterSense certified 1.2 GPM lavatory faucets and 1.28 GPF toilets
- Natural, indigenous landscaping, with a minimum of turf grass reduces landscaping watering requirements
- High-efficiency micro spray, driplines and irrigation controller contributed to the outdoor water use reduction

**Indoor Environmental Quality Features**

The designs and products used within The New American Remodel 2022 created an indoor environmental quality that enhances the health and safety of its occupants. Indoor Environmental Quality strategies include:

- Low-VOC paints and finishes and low-VOC interior adhesives and sealants
- MERV 13 space conditioning air filters
- HVAC ducts sealed during construction to prevent pollutants from construction activities from entering the system
- Whole Building ventilation system configured to allow the correct amount of fresh air into the home
- Eco-Friendly cabinets – Formaldehyde free and material certified by the Forest Stewardship Council
- Eco-Friendly flooring – Carpet and Rug Institute's Green Label certified flooring products

# TECHNOLOGY

**Overview**
The New American Remodel features a Crestron Home system designed to support the full spectrum of home automation products and solutions, ensuring unparalleled performance and reliability. These elements are designed to perform a set of programmed tasks that make usage simpler. From lighting controls to audio systems and climate control solutions, this home system has seamlessly connected several solutions to feature an expansive automated experience. Different technological components, like the amplifiers and surround sound processors, are centrally located in an equipment closet for ease of use.

**Motorized Shades**
The motorized shades from Phantom Screens provide subtle enhancements to the home's overall ambiance. This seamless operation has been integrated into the remodel to enhance usability. Crestron's shade motors feature exclusive Digital Quiet Motor Technology (QMT™) for virtually silent operation.

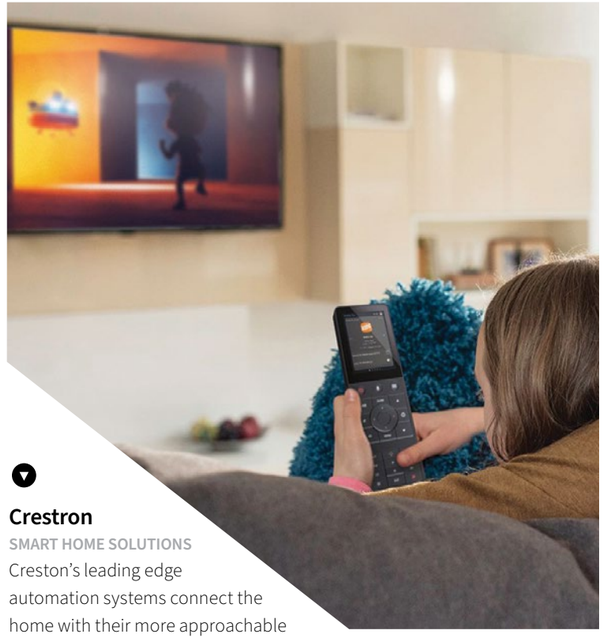
**Touch Screens**
Touch screens throughout the home feature agile processors, native Sonos integration, optional cameras and microphones, backlit capacitive buttons, ambient light sensors and secure mounting options. This responsive user interface communicates directly with all smarts systems in the home including the lighting panels, the audio system and the HVAC system. The ability to control these aspects of the home encourages an ease of use for the owner.

**Digital Media & Audio Presentation**
Crestron reference speakers and streaming audio system is precision-engineered for optimal listening experiences in every room throughout the home. The Crestron Home system helps to amplify and adjust the sound quality throughout the home through mobile devices and other remote capabilities. Since all major components of this system are in a centralized location, it has eliminated the need for cables resulting in a clean space for an unobtrusive entertainment experience.

**Centralized Lighting Solutions**
Automated lighting solutions allow for recall with smart scene selections to provide an accommodation for different preferences in different spaces. The centralized lighting control system can set the mood for entertaining, create the perfect atmosphere for family movie night, or ensure the optimal setting for a professional conference call. Lights can be set to automatically turn on when you walk into a room and turn off shortly after you leave.

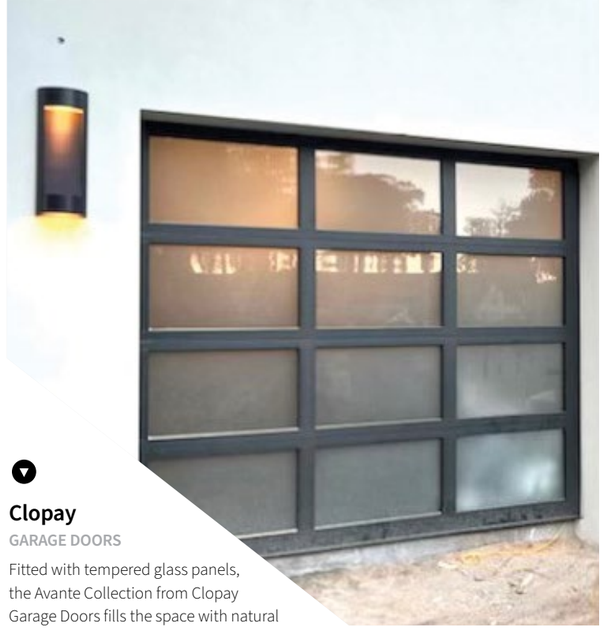
**Climate Control Solutions**
The sleek, modern Horizon Thermostats complement the home's contemporary décor. The home owner can personalize a schedule, ensuring the perfect temperature is maintained throughout the day and night. The mini-split configuration in the home accommodates a unique space that requires air flow in difficult spaces. The outdoor condensing unit connects with the indoor units to help provide more temperature control throughout the entire home. Crestron's automation system provides the ease of use to control these various zones for a more comfortable living space.

**Phantom Screens**
MOTORIZED SCREENS
Phantom's retractable solar shades reduce building heat gain, manage daylight and help to retain climatized air in covered outdoor spaces. These screens integrate seamlessly with doors, windows and covered outdoor spaces.



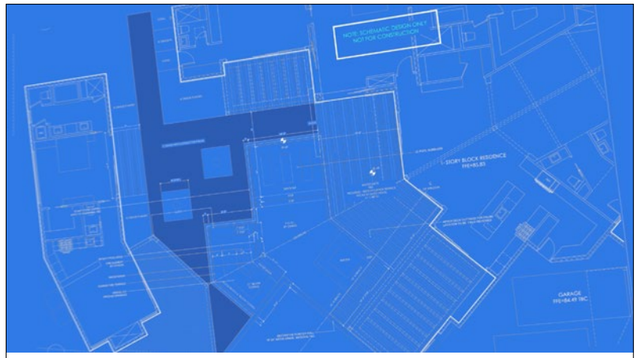
**Crestron**
SMART HOME SOLUTIONS
Creston's leading edge automation systems connect the home with their more approachable plug-and-play system installed throughout TNAH. Selected to show the power and potential of the more affordable, scalable system, it is fully wired for future upgrades and advancements in technology.

**Liftmaster**
GARAGE DOOR OPENER
The Secure View™ Garage Door Opener has integrated video camera that enables the user to see the garage through a live feed. The battery backup allows you to open/close the garage door even during a power outage.



**Clopay**
GARAGE DOORS
Fitted with tempered glass panels, the Avante Collection from Clopay Garage Doors fills the space with natural light during the day and delivers a dramatic effect at night when lights are on inside the garage. The door's 2-1/8-inch-thick commercial-grade aluminum frame is designed for long-term resilience and strength.

# VIDEOS FROM THE BUILD



THE NEW AMERICAN REMODEL 2022 - PHASE 1

THE NEW AMERICAN REMODEL 2022 - PHASE 2

THE NEW AMERICAN REMODEL 2022 - PHASE 3

PRO REMODELER
PROFESSIONAL REMODELER

THE OFFICIAL MEDIA PARTNER OF NAHB

## WOULD LIKE TO THANK THEIR PARTNERS

### PLATINUM

EATON
Powering Business Worldwide

FERGUSON

MITSUBISHI ELECTRIC
HEATING & AIR CONDITIONING

### GOLD

KOHLER

KOHLER Generators

NordicTrack
FROM iFIT

### SILVER

ENVIRONMENTAL STONEWORKS

SharkBite

Thermador

WELLBORN CABINET

### BRONZE

Clopay
America's Favorite Garage Doors®

CRESTRON

DANVER STAINLESS OUTDOOR KITCHENS

Fi-FOIL

JELD-WEN

LiftMaster
POWERED BY myQ

PHANTOM SCREENS

ENERGY FOR EVERYONE propane

SHERWIN WILLIAMS

Sol-Ark
LIMITLESS POWER

STRUXURE

VINTAGEVIEW
MOVING WINE STORAGE FORWARD

TracPipe CounterStrike
Flexible Gas Piping by OmegaFlex



# HVAC & GENERATORS

## HVAC

**MITSUBISHI ELECTRIC**
MXZ M-Series Outdoor Unit - MXZ-4C36NA2

MITSUBISHI ELECTRIC
HEATING & AIR CONDITIONING

The MXZ M-Series Heat Pump Outdoor Units range from 20,000 to 60,000 BTU/H. They are compatible with various styles of ductless and ducted M- and P-Series indoor units. One MXZ Outdoor Unit can connect with up to 8 indoor units. Because of their compact size and ultra quiet operation, the MXZ is design flexible and ideal for a variety of applications.

**MITSUBISHI ELECTRIC**
PEAD Horizontal-ducted Indoor Unit - PEAD-A15AA7

This compact horizontal-ducted indoor unit is the perfect heating and cooling solution when space is a concern. With a mere height of only 9-7/8" for all sizes of this model, which range from 12 to 42 KBTU/H, the PEAD provides comfort and a discrete aesthetic for any home. The PEAD Horizontal-ducted Indoor Unit can serve several rooms or a whole home, while taking up less space than a traditional air handler.

**MITSUBISHI ELECTRIC**
MSZ-GL Wall-mounted Indoor Unit - MSZ-GL

With sleek designs and a wide-range of available sizes, the MSZ-GL Wall-mounted Indoor Unit keeps rooms of nearly any size comfortable. The GL model pairs with the MUZ Outdoor Unit, available as a single-zone or multi-zone system. With ultra-quiet operation and a multi-year, washable filter, the MSZ-GL is an efficient and stylish indoor unit for any home.

**MITSUBISHI ELECTRIC**
SUZ Universal Outdoor Unit - SUZ-KA24NAHZ

The SUZ Universal Outdoor Unit is compatible with a diverse range of indoor unit styles. Ideal for single-zone applications to efficiently condition one room or zone of a home. The SUZ Outdoor Unit is available in 9,000, 12,000, 15,000, 18,000, 24,000, 30,000 and 36,000 BTU/H capacities.

## GENERATORS

**KOHLER GENERATORS**
20 kW Generator - 20RCA

KOHLER Generators

Our most popular generator for backup power provides award-winning reliability and performance. When you lose power during an outage or storm, a hard-working 20 kW KOHLER® generator keeps your appliances working, the heat or AC running and your security system on.

**KOHLER GENERATORS**
20 kW Generator - 20RESC

Reliable. Every KOHLER® generator is equipped with a heavy-duty, commercial-grade engine that stands up to extreme weather. Powerful. In just 10 seconds, your KOHLER generator automatically restores power to a 5-ton (60,000 BTU) air conditioner, major appliances and electronics. Premium warranty. We've got you covered with 5-year, 2,000-hour protection, and a corrosion-proof enclosure that's built to last.

**KOHLER GENERATORS**
24 kW Generator - 24RCLA

Reliable power for large residential or small business needs. When the power goes out during a bad storm or power failure, your 24 kW KOHLER® generator with industrial-grade engine keeps your home or business – from central air to sump pump to personal computers – up and running.

# BEHIND THE WALLS

## EVOPEX PLUMBING SYSTEM

**SHARKBITE PLUMBING SOLUTIONS**
EvoPEX Plumbing System

The SharkBite EvoPEX plumbing system is an evolutionary push fit plumbing system for residential and commercial construction. It is the only plumbing system that allows installers to plumb an entire potable water installation without needing special tools, optimizing install efficiency and reducing installation errors. No soldering, crimping, glue or special tools are required, which means cleaner installations, better schedule compliance and less potential leak points.

**SHARKBITE PLUMBING SOLUTIONS**
PEX Pipe

SharkBite PEX pipe is a cross-linked polyethylene pipe for residential and commercial plumbing systems. It has the flexibility to bend around corners, reducing the number of connectiton points needed, saves installation time and is freeze resistant since the pipe can expand and contract as water freezes and thaws within the pipe.

**SHARKBITE PLUMBING SOLUTIONS**
Valves

SharkBite offers a complete range of valves for connecting the entire potable water plumbing system from meter to fixture. They feature innovative push-to-connect ends for quick installation, do not require special tools for installation and can be installed on wet or dry pipe without needing to wait for lines to drain.

**SHARKBITE PLUMBING SOLUTIONS**
Water Heater Accessories

SharkBite provides a wide range of water heater accessories that can be used when installing in confined spaces that are difficult to access. They provide the flexibility for completing almost any type of job with clean, leak-free connections, regardless of the space.

## CIRCUIT PROTECTION AND WIRING DEVICES

**EATON**
Loadcenter - BRP08B200RF

Eaton plug on neutral loadcenters and breakers offer enhanced safety, easier installation and a clean, contemporary look while featuring innovative platforms and industry-leading diagnostic technology.

**EATON**
Emergency Disconnect - DG222NRB

Focused heavily on safety, Eaton's switching device product line brings state-of-the-art designs that can even be customized to fit your unique needs.

**EATON**
Air Conditioning Disconnects (ACD) - ACD60R

Eaton air conditioning disconnects (ACD) simplify installation and maintenance of air conditioning units. They provide multiple mounting options and enclosures with ample wiring space.



# BEHIND THE WALLS

## HYBRID INVERTER

**SOL-ARK**
Sol-Ark 12K Hybrid Inverter - SA-12K

The Sol-Ark 12K is one of the best hybrid inverters available today, with up to 13kW of solar panels, 9kW of continuous power, a huge 16kW peak, and 4ms (no-glitch) transfer time if the power goes out. Hybrid inverters allow you to use power from various sources; solar, wind, and hydro, as well as the electrical grid and batteries. Sol-Ark specializes in making hybrid inverters that are efficient, powerful, affordable, and battery-agnostic. We don't require costly proprietary parts - Our inverters allow you the flexibility to use the best products and components involved in a power system, regardless of manufacturer.

**SOL-ARK**
Smart Loads 14 - SL-14

The Smart Loads 14 allows you to simply do more with less. This load management solution with learning capabilities and remote control through our app allows you to run more loads in your home with a smaller inverter size, and it also allows you to shift certain loads to different times for things like peak shaving and peak load shifting. It can handle and control 14 circuits at 100 amps each. This product works with or without a solar inverter, so it can start saving you money with a simple install.

## REFLECTIVE INSULATION

**FI-FOIL COMPANY, INC.**
Fi-Foil HY-Fi - F-HYFI16500 - Frame wall hybrid systems throughout the home

HY-Fi Hybrid Insulation eliminates the need to shave excess spray foam and adds performance to frame wall systems. A green building product, HY-Fi adds a minimum R 7.0 based on 2" of spray foam and 1 1/2" of cavity air space utilized to gain performance. Hy-Fi helps builders meet the code while saving waste and adding flexibility for last minute wiring changes. Learn more at Fifoil.com/hyfi

**FI-FOIL COMPANY, INC.**
Fi-Foil Silver Shield - F-B316500RBHP - In the Attic

Silver Shield is the highest performing attic radiant barrier on the market designed with multiple Low-e layers which expand when installed to form a reflective air space along the top cord. Silver Shield provides superior performance lowering attic temperatures by up to 30° F during summer months. Reducing the amount of heat transfer lessens the load on HVAC systems for greater efficiency and savings on monthly utility costs. Learn more at Fifoil.com/silvershield

**FI-FOIL COMPANY, INC.**
Fi-Foil Flex Foam - F-FLEXFOAM48250RWP - Part of Building Envelope Wall System, Ideal for use with Masonry Block Construction

Our Flex Foam is a continuous insulation solution that reduces radiant heat transfer for superior performance and a better alternative to traditional foam board, especially in hot-humid climates. Perforated to allow vapor transmission and coated for long term performance and corrosion resistance, Flex Foam's Low-e aluminum reinforced facing reduces up to 95% of radiant heat transfer.

**FI-FOIL COMPANY, INC.**
Fi-Foil M-Shield - F-MShield16500HP - Part of Building Envelope Wall System, Ideal for use with Masonry Block Construction

Fi-Foil M-Shield is an insulation solution for mold & mildew sensitive projects. An Industry leading paperless masonry wall insulation, M-Shield contains no cellulose eliminating the food source for mold growth. Learn why more architects and builders are using M-Shield to improve air quality and performance. Visit fifoil.com/mshield.

# BEHIND THE WALLS

## PROPANE APPLIANCES

**PROPANE EDUCATION AND RESEARCH COUNCIL**
Propane Fireplaces

Propane fireplaces are a smart choice to complement a home's heating system. They offer cost-effective installation with the ability to direct-vent (no chimney needed) which means propane fireplaces can safely fit in any room of the house. They can also have efficiency levels of more than 90% vs the 15% efficiency of traditional wood-burning open fireplaces. Propane fireplaces are an effective complement to a home's main heating system with the added bonus of fireplace ambience.

**PROPANE EDUCATION AND RESEARCH COUNCIL**
Propane Water Heating

By choosing energy-efficient propane storage tank or tankless water heating systems over standard electric water heaters, homeowners can significantly reduce their energy costs. Propane tankless water heaters eliminate standby energy losses that occur in storage tank systems. They are compact and wall-mounted to free up floor space, provide superior energy efficiency, and deliver an endless supply of hot water.

**PROPANE EDUCATION AND RESEARCH COUNCIL**
Propane Power Generation

Micro combined heat and power (micro-CHP) systems push past the efficiency boundaries of traditional heating or water-heating systems. These cogeneration systems produce both heat and power simultaneously, allowing them to surpass the energy savings of even the most efficient boilers.

**PROPANE EDUCATION AND RESEARCH COUNCIL**
Propane Home Appliances

Propane cooking equipment provides convenience, sharp design, and excellent performance in any kitchen. Propane also offers commercial-grade ranges, indoor grill and cooktops, in-wall double ovens, and other gas cooking applications in luxurious custom kitchens.

## NATURAL GAS AND PROPANE

**OMEGA FLEX INC.**
CounterStrike CSST - FGP-CS-size

There are no additional bonding requirements for CounterStrike® CSST imposed by the manufacture's installation instructions. Lays straighter and pulls easier, dramatically decreasing installation times. Unlike competitive brands, CounterStrike® is non-annealed making it more crush resistant, and easier to cut.

**OMEGA FLEX INC.**
Natural Gas and Propane Installations

CounterStrike® CSST introduced to the market in 2004 is used for natural gas and propane installations. Over 150 million feet of CounterStrike® has been installed in residential as well as commercial and industrial buildings.



# GARAGE

## GARAGE DOORS

**CLOPAY**
Clopay Modern Glass Garage Door - Avante

Fitted with tempered glass panels, the Avante fills the space with natural light during the day and delivers a dramatic effect at night when lights are on inside the garage. The door's 2-1/8-inch-thick commercial-grade aluminum frame is designed for long-term resilience. Choose from 12 glazing options and several anodized or powder-coat finishes.

## GARAGE AND GATE OPENER SYSTEMS

**LIFTMASTER**
Ultra-Quiet Smart Opener with Dual LED Lighting- 84501

LiftMaster Next Gen Ultra-Quiet Belt Drive Smart Opener with Dual LED Lighting elevates the garage into a notable and more functional extension of the smart home. Control, secure and monitor the garage with the myQ app - anytime, from anywhere. Integrated LED lighting system brightens high traffic areas of the garage with 1500 lumens of light. The Ultra-quiet DC motor and strong belt drive system ensure for comfortable living spaces near the garage. Amazon Key In-Garage Delivery works with compatible LiftMaster garage door openers to allow Prime members convenient and secure package delivery inside the garage.

**LIFTMASTER**
Secure View™ Smart Opener with Camera - 87504-267

Secure View™ Ultra-Quiet Belt Drive Smart Opener with Camera, LED Corner to Corner Lighting™ and Battery Backup. Built-in camera adds video and 2-way audio communication to the myQ® app. Control, secure and monitor the garage with the myQ app- anytime, from anywhere. 360° light ring uniformly brightens every corner of the garage with 2,000 lumens of long-lasting LED light. Battery backup lets you get in and out when the power is down. Ultra-quiet DC motor and strong belt drive system ensures for comfortable living spaces near the garage.

**LIFTMASTER**
Wall Mount Wi-Fi Garage Door Opener - 8500W

DC Battery Backup Wall Mount Wi-Fi Garage Door Opener. Wall mount design frees up ceiling space in your garage, reduces noise and vibration. Built-in Wi-Fi® allows for smartphone control with the myQ® app. Battery Backup allows you to open/close your door even when the power is out. Includes myQ Remote LED Light featuring 1,500 lumens. Automatic Garage Door Lock deadbolts your door after closing.

**LIFTMASTER**
Gate Operators and Access Control Systems

To efficiently manage the flow of people and vehicles in and out of your community, combine our industry-leading gate operators with our cloud-based access control systems and safety accessories. When you incorporate LiftMaster Access Control Systems powered by myQ®, you get a scalable smart access management solution that enhances security and reduces liability, while giving your residents the ability to safely identify guests and confidently grant/deny access from anywhere with the Community.

## CAR CHARGER

**EATON**
Green Motion Electrical Vehicle (EV) Charging Solutions - GMEV32BR-DC, GMEV32BR-WB

Recharge your electric vehicle faster and smarter with Eaton's Green Motion EV charging smart breaker. This innovation in EV charging allows maximum flexibility with multiple installation options.

# INSIDE LIVING AREA

## LUXURY BUILT-IN KITCHEN APPLIANCES

**BSH THERMADOR**
Thermador Pro Ranges

Discover a wide variety of WiFi-enabled Professional Ranges from 30”, 36”, 48” and 60” all expertly engineered with handcrafted stainless steel. Complete with the patented Pedestal Star® Burner, offering 56% more even flame distribution than standard round burners, plus Oven options including Steam and Convection.

**BSH THERMADOR**
Thermador Freedom® Refrigeration

Take a closer look at preservation that breaks every mold. Refrigerators and freezers with iconic stainless steel interiors join with award-winning theater-style lighting to create an undeniable radiance. TFT Display and WiFi-enabled with Home Connect™ combine for intuitive control of temperatures, humidity and more from home or away. And the Freedom® Refrigeration collection - with frigerators, freezers, and wine options - configure flawlessly to deliver the personalization options that perfectly match the way you live.

**BSH THERMADOR**
Thermador Cooktops & Rangetops

Thermador high-end Cooktops and Rangetops feature the unparalleled professional performance of the Star® Burner with ExtraLow® technology. Choose from multiple configurations, including four or six burners and 30”, 36”, and 48” widths, featuring premium stainless steel. Browse Thermador Gas Rangetops if you’re looking for a lower profile cooking surface, or learn more about Thermador award-winning Induction Cooktops.

**BSH THERMADOR**
Thermador Leap Into Luxury

Thermador Leap Into Luxury Appliance Packages - where impeccable craftsmanship and performance unite to provide full kitchen solutions that are built to last and designed specifically for first-time homeowners, newlyweds, and builder projects. Collections feature all-new 72” Freestanding French Door Refrigeration and exclusive Masterpiece® Oven with Professional handle. Discover a new model of affordable luxury starting at just under $10k.

## WINE STORAGE

**VINTAGEVIEW**
The Perch - W Series

A simple, vertical wine rack, the Perch elevates premium wine bottles in a cellar by placing them on the side of W Series Frames or floating them in abstract layouts on the wall. Options for 750ml, Champagne, and 1.5L magnum wine bottles. Available in three finishes.

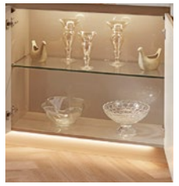
**VINTAGEVIEW**
Evolution Wine Tower - Evolution

The product for those seeking a near invisible visual footprint, the Evolution Wine Tower offers beautiful minimalism with a combination of premium acrylic and steel that can hold both 750ml or 1.5L wine bottles in the same row. The Wine Tower not only looks pretty but is an easy-to-work with freestanding unit that can expand to the side with Extension Units that share a wall.



# INSIDE LIVING AREA

## WHOLE HOME CABINETRY

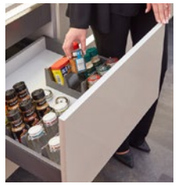


**WELLBORN CABINET, INC.**
Aspire Cabinetry - Soft Close and LED Strip Lighting

Remodeling a home can bring great character to a room. Wellborn Cabinet provides a soft close. The front-facing cabinetry has LED Strip Lighting around the edges of the cabinets as well as puck lighting installed on the top of the cabinets for displaying items.

**WELLBORN CABINET, INC.**
Aspire Cabinetry - Drawer Base with Hidden Drawer

Expand the space you have for any bathroom or kitchen necessities. Layer it up with Wellborn’s tiered cutlery drawer. It fits two drawer’s worth of utensils or bathroom items into one organized space.



**WELLBORN CABINET, INC.**
Aspire Cabinetry - Superior Spice Tray Inserts

Wellborn Cabinet offers our Superior Spice Tray Inserts for all your spices and ingredients. This insert contained within this Superior Metal Drawer keeps ingredients visible and readily accessible.

## PLUMBING

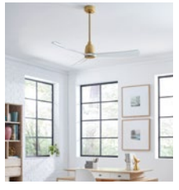
**KOHLER CO.**
Graze kitchen sink faucet with KOHLER® Konnect™ and voice-activated technology - K-22068-WB-VS

Turn my faucet on. Pour two cups. The Graze smart faucet with voice-activated technology dispenses measured amounts of water at your spoken command. Just say the words to turn the water on, fill containers to a preset level or dispense a specific quantity. In addition to voice control, this touchless faucet includes a motion sensor that turns water on and off with a wave of your hand. Graze provides three sprays to make daily kitchen tasks easier. The faucet works with the KOHLER Konnect app so you can monitor water usage and be notified of unusual flow.

## LIGHTING

**FERGUSON BATH KITCHEN AND LIGHTING GALLERY**
Kichler Armand Linear Chandalier

With a wide selection of favorite products and trusted brands, Ferguson Bath, Kitchen & Lighting Gallery offers the best selection for every space. Bring Your Vision to Us.



**FERGUSON BATH KITCHEN AND LIGHTING GALLERY**
Generation Lighting

Generation Lighting is a trusted manufacturer offering a portfolio of trend-conscious, residential indoor and outdoor lighting at an outstanding value.Generation Lighting combines generations of design experience with an aesthetic relevant to today, remaining strongly connected to interior designers and homeowners who desire a broad range of classic, tasteful and elegant lighting.

# MASTER BEDROOM/BATH

## KITCHEN & BATH PLUMBING

**KOHLER CO.**
Eir Intelligent Toilet - 77795-0 - Powder Room 1st Floor

Kohler's Eir Intelligent Toilet affords builders the ability to not only match trim to all bathroom fixtures but also provides several innovative features, such as heated seats, touchless close and LED lighting.

**KOHLER CO.**
DTV+ Digital Showering System - 99693-P-NA - Master Bathroom

DTV+ with Kohler Konnect utilizes a completely digital thermostatic valve and is compatible with Kohler Konnect for consolidated control.

**KOHLER CO.**
Ceric Freestanding Bath - K-25984-0- Master Bathroom

Clean, elegant, and contained, Ceric expresses contemporary warmth and simplicity. This Ceric freestanding bath lets your customer indulge in a deep, immersive soak as they relax against the sloped lumbar support. KOHLER Lithocast® cast resin material allows for geometries with dynamic style and crisp, hand-finished detail rich with character. KOHLER Lithocast® Gloss cast resin is lightweight and easy to clean, with a high-gloss finish.

## CABINETS

**WELLBORN CABINET, INC.**
Deep Storage Pullout with Customizable Drawer Divider - Series: Aspire

Organization helps us in our everyday schedule. By adding, Wellborn's Deep Storage Pullout with Customizable Tray Dividers, will give you that nice and tidy look that you desire. The dividers can be moved to fit your need.

## CIRCUIT PROTECTION AND WIRING DEVICES

**EATON**
Patrol Nightlights - TR7735W

Eaton's nightlight receptacles combine a convenient LED nightlight with a variety of receptacles. Best of all, they're dimmable, allowing you to set the perfect level of desired light for your needs.

**EATON**
USB Charging Receptacle - TRUSBAC15W

Eaton's USB Duplex Receptacle features both Type A and C USB charging ports and a duplex receptacle to allow for maximum flexibility for the charging needs of today's smart devices.

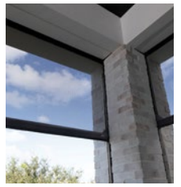


# INSIDE LIVING AREA

## RETRACTABLE SCREENS

**PHANTOM SCREENS**
Retractable Insect Screens

Phantom retractable insect screens let in fresh air without insects, allow passive cooling to reduce energy costs, connect indoor/outdoor spaces, and extend the time that homeowners can enjoy their outdoor spaces. The screens remain hidden out-of-sight until needed to preserve views and curb appeal. Phantom Screens provides a variety of product formats to blend our solutions seamlessly with doors, opening glass walls, windows, and covered outdoor spaces.



**PHANTOM SCREENS**
Retractable Solar Shades

Phantom retractable solar shades reduce building heat gain, manage daylight/UV, and help retain climatized air (cool or warm) in covered outdoor spaces. The shades are concealed out-of-sight in subtle housings or ceiling cavities until needed, preserving views and aesthetics. These exterior-mounted solutions are 7X more effective at reducing heat gain than interior shades. Perfect for large windows, glass wall openings and covered outdoor spaces – Phantom retractable shades maximize energy efficiency and homeowner comfort.

**PHANTOM SCREENS**
Retractable Clear Vinyl

Phantom retractable clear vinyl helps control temperature, moisture, wind, and UV exposure in covered outdoor spaces for optimum comfort. The vinyl panels are hidden out-of-sight, in subtle housings or ceiling cavities, until needed to preserve views and aesthetics. Homeowners have the option of choosing a dual roller system to add insect screens or solar shades to their outdoor space. Phantom Screens lets your clients use their outdoor spaces comfortably in all seasons.

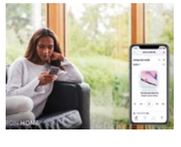
**PHANTOM SCREENS**
Retractable Privacy Shades

Phantom motorized privacy shades help keep peering eyes at bay with large windows and covered outdoor spaces. In addition to privacy, these retractable systems also provide solar shading and daylight/UV management. When privacy or shading isn't a concern, these retractable systems roll up out-of-sight (into their subtle housings or ceiling cavities) to preserve open views and design aesthetics.

## SMART HOME SOLUTIONS

**CRESTRON ELECTRONICS**
Crestron Home OS

The Crestron Home Operating System (OS), products and solutions are built from decades of experience in designing home automation technology. Creating solutions that are completely unique to each home, built to last and endure, providing an elegant smart home that delivers comfort, entertainment, security and improves the overall health and wellness of those who live there. Delivering an intuitive and easy to use user experience, an experience that synchronizes seamlessly across any control device, whether a touchscreen, keypad, iPhone, iPad or remote control.

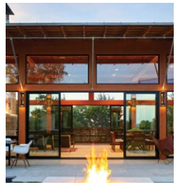


**CRESTRON ELECTRONICS**
Crestron Smart Home Control Options

With our extensive collection of intuitive control options, the Crestron smart home experience is always at your command. Between customizable designer keypads, sleek and brilliant touch screens, and ergonomic handheld remotes, you'll find an elegant Crestron control device to suit every space and need in your home. And of course with the Crestron Home user experience you get the same Crestron experience on your mobile devices as well as the Crestron products in your home.

# INSIDE/OUTSIDE LIVING AREA

## WINDOWS AND PATIO DOORS



**JELD-WEN, INC.**
LaCantina™ Aluminum Thermally Controlled Sliding Patio Door

LaCantina™ Aluminum Thermally Controlled Sliding Patio Doors feature a narrow, 2-15/16” stile and rail profile with thermal breaks throughout for a sleek, contemporary design and improved energy efficiency. The proprietary core and fascia design allows for split finish color options for the interior and exterior, for maximum design flexibility. These sliding doors effortlessly connect indoor outdoor living spaces while keeping extreme temperatures out and the ideal temperature in.

**JELD-WEN, INC.**
Siteline® Clad-Wood Windows & Patio Doors

For builders or homeowners who want high-performance windows with exceptional design flexibility, JELD-WEN® Siteline® wood and clad-wood windows and patio doors offer a suite of sizes and shapes with versatile aesthetic choices and
intriguing architectural details that complement the widest range of home styles.

**JELD-WEN, INC.**
Flush Wood Composite Interior Doors

With minimalistic design and durable construction, JELD-WEN® flush interior doors offer dependable performance at a significant value. Available with a solid core upgrade for reduced sound transmission.

## INTERIOR AND EXTERIOR PAINT

**SHERWIN-WILLIAMS**
SuperPaint® Interior Acrylic with Sanitizing Technology

The exceptionally durable latex paint offers builders an additional tool to help combat certain harmful bacteria on painted surfaces. SuperPaint with Sanitizing Technology goes on fast and provides ongoing antibacterial action day and night, perfect for high-traffic areas like hallways, bathrooms and kitchens.

**SHERWIN-WILLIAMS**
Emerald® Rain Refresh Exterior Acrylic Latex

Sherwin-Williams Emerald Rain Refresh Exterior Acrylic Latex is an ultra-durable exterior coating with Self-Cleaning Technology™. Rain Refresh is formulated so dirt washes away upon contact with rain or water for a clean, fresh look with minimal maintenance for professionals.

**SHERWIN-WILLIAMS**
SuperPaint® with Air Purifying Technology

SuperPaint® with Air Purifying Technology• helps improve indoor air quality by reducing VOC levels from potential sources like carpet, cabinets and fabrics, helping rooms stay fresh for longer periods of time. The innovative technology transforms airborne VOCs into water molecules and harmless inert gas while also deconstructing carbon molecules to reduce and neutralize common odors. In addition, the coating’s antimicrobial agents inhibit the growth of mold and mildew on the paint surface, therefore preventing bacterial odors.



# OUTSIDE LIVING AREA

## OUTDOOR KITCHENS

**DANVER STAINLESS OUTDOOR KITCHENS**
Hampton Door Style

Today’s homebuyer is looking for a distinctive outdoor kitchen with the beauty, style and colors that only Danver provides. Together, we build the latest trends and innovations in outdoor living for the backyard, rooftop or transition room.

**DANVER STAINLESS OUTDOOR KITCHENS**
Key West Door Style

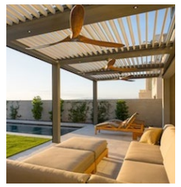
- Modular cabinets for flexible design and easy construction
- 100% stainless steel for maximum durability and strength
- Maintenance-free powder coat finishes protect & enhance
- Exclusive door styles & colors deliver unique, custom kitchens
- Sizes accommodate all outdoor appliances
- Each kitchen is made to order in the USA

## OUTDOOR APPLIANCES

**FERGUSON APPLIANCES**
Avallon Appliances

Avallon offers appliances to consumers who refuse to sacrifice quality for value. Collectively, our team strives to engineer appliances that make life simple implementing more than five decades of industry experience to place careful thought and attention to detail into the development of every product we sell. We’re driven by innovation, inspired by quality and proud to offer access to a wide selection of superior products.

## PERGOLA X



**STRUXURE**
Pergola X - Pivot 6

Our system is totally customizable, so it can be designed to fit any space. Our largest single zone is 12’ wide by 20’ long. We can connect as many zones as needed to cover the desired space. We can also incorporate our beam chases between each zone to provide access for extras like lights, fans, speakers, and heaters to offer a seamless, built-in look. We use CAD files to ensure that we provide builders what they need to design with StruXure. We have partnered with CADdetails to provide an easy-to-access library of our latest drawings and 3D models.

## STONEWORK

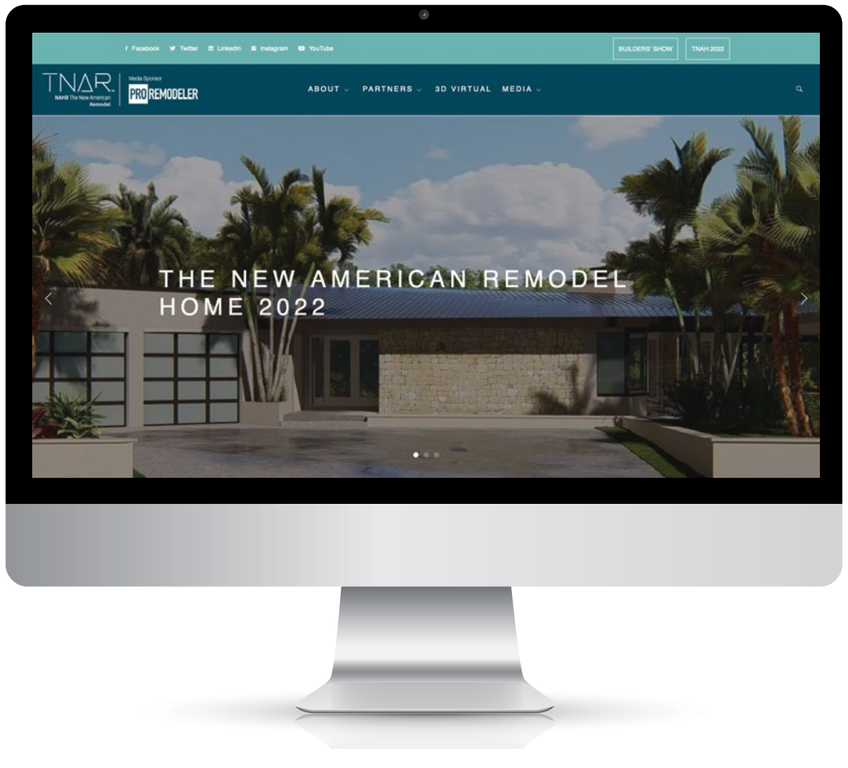
**CORNERSTONE BUILDING BRANDS**
Stone Veneer - Environmental StoneWorks

With over 40 years of experience, Environmental StoneWorks provides value as a trusted partner and single source for stone veneer manufacturing, installation, and warranty. In addition to offering high quality stone and brick veneers, our strict safety and installation procedures lead the industry. All products are IAPMO certified and conform to the latest ASTM C1670 specifications and our expertise and efficiency is built through the variety and volume of projects that we service nationwide.

**CORNERSTONE BUILDING BRANDS**
Sabbie Nere Grezzo

We are proud and active members of NCMA, NAHB, AIA and many other industry associations. Partner with Environmental StoneWorks and leverage a true turnkey advantage today.

# FOR MORE INFO AND VIDEOS ABOUT THE PRODUCTS AND OUR PARTNERS VISIT WWW.TNARH.COM



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NAHB The New American Remodel

Media Partner
PRO REMODELER

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