COMPLIMENTARY SHUTTLE BUSES: Registered
Registered 2020 IBS attendees can tour The New
American Remodel® (TNAR) show home daily
during the show via complimentary shuttle buses
departing every half hour from the Las Vegas
Convention Center. Shuttle bus tickets are available
on a first-come, first-served basis. For the best
opportunity to secure tickets, visit the TNAH/
TNAR booth early (opens daily at 7:30 a.m.) on
the day you want to take the tour. (Shuttle buses
depart every 30 minutes from 8:00 a.m. – 3:00 p.m.).

IF YOU DECIDE TO DRIVE, THE ADDRESS IS:
7345 S. Ullom Drive, Las Vegas, NV 89139

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A THANK YOU TO OUR SUPPLIERS

PLATINUM
- LG Electronics
- LG Hausys
- LG HVAC
- LG Signature Kitchen Suites
- LG Solar
- LG Laundry Appliances

GOLD
- Kohler

SILVER
- Eaton Corporation
- Environmental StoneWorks
- MiTek USA, Inc.
- Sharkbite Plumbing Solutions

BRONZE
- AGS Stainless
- Air King
- Danver Outdoor Kitchens
- Emtek Products
- Fi-Foil Company
- Garaventa Lift
- Kidde Fire Safety
- Liftmaster
- Omega Flex

LSC CONTRIBUTORS
- Broan-NuTone
- Demilec USA, Inc.
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- James Hardie Building Products
- Kingspan Insulation
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- AeroBarrier
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- ESG Gallery
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- Emser
- Environmental Water Systems
- Four Hands
- H2O Protection Solutions
- Home Team Pest Defense
- HY-C/Fire Genie
- Infratech
- Jensen Precast
- MAC Roofing
- Nourison
- Red Rock Insulation
- Savant
- Solas Fire
- The Outdoor Great Room Company
- Wendover Art

M = Leading Suppliers Council Member
TNAR 2020 BUILD TEAM

Team Photo Names
On Staircase (Left to Right)

Drew Smith
COO, Green Building Consultant /Performance Verifier
Two Trials, Inc.

Tucker Bernard
Executive Director
NAHB-LSC/TNAH/TNAR

Jamahl Gibbons
Manager, LSC-IBS
Show Homes

On Floor (Left to Right)

Ted Mahoney
TNAH 2020 Chairman

Kelly Palos
Director of Operations
Element Building Company

Dale Beck
Superintendent
Element Building Company

Tony Mancini
Principal
SGC Horizon LLC

Tucker Bernard
Executive Director
NAHB-LSC/TNAH/TNAR

Carl Lopez
Field Manager
Element Building Company

Josh Anderson
Owner
Element Building Company

Josh Moser
Lead Interior Designer
Element Building Company

Judy Brociek
Director of Events
SGC Horizon LLC

Erin Sommers
Project Coordinator
Element Building Company

Christine Schwab
CFO
Element Building Company

Paul Sullivan
TNAR 2019 Chair

Not available for team picture

Photos courtesy of Jeff Davis Photography
The New American Remodel® 2020 is a 42-year-old Las Vegas home that is part of a charming, well-established equestrian community comprised of custom homes of various styles and sizes. The original 2,170 sq. ft., one-level home has been transformed into a sustainable exhibition home by showcasing innovation, exceptional design and current trends in the housing industry. The New American Remodel program highlights the significant role the remodeling market has within the overall housing industry. The home reflects new housing and lifestyle trends, demonstrating how remodeling professionals have embraced green building, aging in place, sustainability and energy efficiencies.

Phil Kean, the architect, wanted to make the design different than a typical Las Vegas home, and drew on Palm Springs as an inspiration. The home became a two-story property to take advantage of an unobstructed view of the Las Vegas Strip. However, this also presented one of the largest challenges: creating an experience on the property itself. The views immediately surrounding the home consisted of a street and an area beyond the backyard with an industrial appearance. In order to limit those views, a Lanai and Summer Kitchen were designed to create a courtyard that contains a pool. Another challenge was working around an existing tree, centered in the courtyard. The tree was one of the major reasons that the property was selected, and the entire home was designed around it.

Once the design was finalized and demolition began, the team encountered another challenge. The original perimeter walls of the home, that was designed to remain, had termites. Since the structural integrity of the existing property, Element had to demolish everything and start from an existing concrete slab. In order to stay true to the remodel aspect, it was important to keep the walls in the same location. The only aspect of the property that changed included building a second story with new walls instead of the compromised walls.

Another challenge the design team faced in this project included the new elevator. In the preliminary designs and planning, a glass elevator was selected in order to create a unique experience. Custom, back-lit, architectural panels were intended to be hung on two of the walls, from floor to ceiling. During an inspection, the team learned that it would violate a Las Vegas code to hang the panels in the elevator shaft. This required reevaluating the elevator design so that people wouldn’t be looking through a glass box at an empty wall.

Even with the various challenges faced, the New American Remodel was completed in less than six months, using original construction methods and innovative construction techniques. The newly remodeled home is 7,523 square feet of indoor and outdoor living space. It is a showcase of sustainability by implementing the latest in construction science, with a focus on design and energy efficiency. Propane was introduced to the residence to reduce the electrical draw, and LG solar panels were added to further reduce the electrical needs. Fi-Foil installed their cutting-edge hybrid insulation product, Hy-Fi. This product provides a very cost-effective approach to creating high R-value walls. The remodel also utilized a high-tech home automation system, which provides the owner of the home with capabilities to control the lighting, climate, entertainment, and security all from one app.

Element Building Company and Architecture by Phil Kean were tasked to demonstrate the advantages of today’s building products and techniques compared to past methods. They surpassed this goal with teamwork and comradery. The importance of educating the housing industry of challenges within remodeling is paramount for the program. These challenges were revealed during demolition since termite damage interfered with the structural integrity of the existing property. The builder team skillfully maneuvered through the obstacles surrounding this unforeseen condition to construct a masterpiece.
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Before

During demolition of this property, Element Building Company was exposed to a variety of unforeseen conditions that impacted the project plan and construction schedule. Subterranean termites caused significant damage to the exterior walls of the home. Though the remodeler initially intended to incorporate the original walls into the remodel, they ultimately decided to remove them, as the termites have compromised the property’s structural integrity. Subsequently, the project was delayed by more than two months!
After

In just five months, the masterpiece was completed successfully and on schedule. Element Building Company and Architecture by Phil Kean worked tirelessly to achieve aggressive project milestones without compromising on quality or design. The remodel features five bedrooms, four bathrooms, indoor-outdoor living features in the courtyard, an elegant wine room, and a rooftop terrace with a unobstructed view of the Las Vegas strip.
Architecture Design

The New American Remodel exhibits a consistent sense of symmetry and balance, magnified by an open floor plan with striking focal points. The character of the home’s exterior was enhanced with Lyra Ripiano stone from Environmental StoneWorks. The grand courtyard displays a beautiful mulberry tree with a magnificent pool, a lustrous summer kitchen with stainless cabinetry from Danver, and a luxurious louvered structure from Struxure to create shade and shelter from the Las Vegas elements. The addition of a second story produces scenic views of the Las Vegas Strip. The roof terrace over the lanai is the most ideal location to relax in peace and enjoy an open environment.

The 4,802 sq. ft., two-story masterpiece has been designed to integrate multi-generational living combining an inviting layout with elegant style and unconventional interiors that blur the lines between indoor-outdoor living styles. The great room was designed to provide a common gathering space centered among private living areas with a unique wine racking system from VintageView. Aging-in-place features throughout allow for unlimited movement within the space for family and guests. The remodel incorporates the latest green and sustainable building materials, products and construction methods in order to reduce its impact on the environment and provide high-quality living for its occupants.
Outdoor Living

The remodel home’s outdoor living area is well equipped for modern lifestyles of those who enjoy spending time with family and entertaining guests. Home owners can custom design an outdoor cooking area to meet their needs including an elegant outdoor kitchen to prepare simple or gourmet meals. A seamless transition between indoor and outdoor environments is made possible with integrated walls that completely open to the alluring pool and courtyard.

The innovative, motorized screens from Phantom Screens add a contemporary flare to the interior and exterior of the home. This solar mesh material increases privacy while protecting the indoor environment from UV rays in a controlled space.

The outdoor kitchen is an extension of the living space in any home, expanding outdoor amenities and enhancing social occasions. The dazzling outdoor kitchen cabinetry from Danver Stainless Outdoor Kitchens offers a sleek design to accommodate even the most unique kitchen layouts.

The MaxView sliding doors from Ply Gem Industries provide superior views, blurring the lines between the interior and exterior living environments to create a true open-concept experience. The unhindered perspective provides a panoramic view for everyone to enjoy.
Interior Design

The New American Remodel exhibits a consistent sense of symmetry and balance, magnified by an open floor plan with striking focal points. The great room exhibits a radiant fireplace, providing an eco-friendly heating environment with enhanced energy efficiency. The Clearview® Railing Systems from AGS Stainless features a modern, linear appearance allowing for unobstructed views while beautifying the home with its simple elegance. The Elvoron Home Elevators from Garaventa Lift are designed to be smooth with premium 3-speed sliding doors and fixtures for style, safety, convenience and quality. Intuition and creativity influenced this two-story masterpiece.

Emtek’s unique door hardware demonstrates high-quality finishes that are resistant to weather, ensuring the lustrous appearance is everlasting. This hardware brings warmth and comfort to the room.

The TM Series from TruStile offers a unique stacked rail design and modern interpretations of panel doors. These original custom-stain grade doors display innovative patterns that exhibit flexibility and endless options for creativity.
Professional Kitchen

This once-cramped kitchen has been transformed into a spacious addition connected to the adjacent great room. The remodel home features state-of-the-art appliances from LG Signature Kitchen Suites presents a collection of luxury appliances with leading-edge technology. The Dual-Fuel Pro Range, integrate column refrigerator and freezer demonstrate advanced engineering with unrivaled versatility and efficiency. The combination CO2/Smoke fire alarm devices from Kidde Fire Safety exhibit home safety.

The Purist® semiprofessional kitchen sink faucet from Kohler demonstrates a strong architecture with a three-function pull-down spray head that cycles through a range from rinsing to cleaning. The matte black finish blends well with the unique custom-made cabinetry fixed below the sink. The Cayce Collection from Progress Lighting allows for elegant illumination throughout the kitchen area.

VintageView Wine Storage Systems displays their unique racking system that brings innovation to the industry with their patented label-forward wine rack. The Viatera® collection from LG Hausys exhibits a rich variety of colors and patterns, allowing for a design freedom and non-porous surface provides protection against harmful bacteria.
Master Suite

The calming ambiance of the master suite and bathroom present an ideal place to unwind, refresh, and rejuvenate in the evening. The Veil® freestanding bath from Kohler displays immaculately balanced curves that evoke a sculpted simplicity in tune with contemporary style. The Composed® sink faucets and Real Rain® shower panel redefine efficiency and innovative design. The EvoPEX system from SharkBite provides efficiency, flexibility and strength for plumbing systems in the home.

The solid, quartz countertops from LG Hausys display a unique appearance that blend perfectly with the adjacent cabinetry and sinks. The TM Series from TruStile doors offers unique stacked rail designs and modern interpretations including clean, crisp lines that contrast the flat black, faceted-grip levers from Emtek. The Blakely collection from Progress Lighting presents geometric interplay with clean, straight lines and a graphite finish with satin brass accents.
Ply Gem  
WINDOWS AND DOORS  

Progress Lighting  
LIGHTING  

Air King  
VENTILATION
Solar Panels
Element Building Company and Architecture by Phil Kean collaborated to establish an innovative method to harness the power of the sun. The solar panels from LG allow the occupants to maximize solar output through their reliable NeON® R modules. This allows for a guaranteed initial power output of at least 88.4%! The reinforced frame design can endure a front load of up to 6,000 Pa and rear load of up to 5,400 Pa.

Insulation
The Hy-Fi Hybrid Reflective Insulation from Fi-Foil eliminates the need to shave excess spray foam and adds a minimum of R7 to the foam insulation when enclosing 1-1/2" of cavity air space.

Gas Piping
The TracPipe® CounterStrike CSST system from OmegaFlex includes a vented containment system for added safety with a black jacket material that has energy-dissipating properties to protect the stainless-steel pressure liner and other fuel gas system components.

Efficient Means & Methods
Energy-efficiency provides both environmental and economic benefits for the housing industry. Innovation in design, technology and engineering produced The New American Remodel. The EvoPEX plumbing system from SharkBite allows installers to plumb an entire potable water installation without the need for soldering, crimping, glue or any special tools. SteelCrest’s Pro-Linear Series with the ventilation fan from Air King and the efficient Home Comfort System from LG provides individualized comfort by incorporating integrated, innovative technologies to create a smart comfort solution for the home.
PERFORMANCE

Thermal Shell
- Unvented and air-sealed attic with Installed Building Products insulation continuous exterior insulation system in addition to Fi-Foil M-Shield on the bottom cord of the roof trusses
- Ply Gem Windows and patio doors with low-e coating and argon gas fill to limit solar heat gain and optimize air tightness.
- Elite Spray Foam and Demilec USA (through Installed Building Products) spray foam insulation and Fi-Foil M-Shield insulation on exterior walls with James Hardie HardieWrap Weather Barrier.
- Large overhangs to aid in protecting the home from the harsh Nevada sun

HVAC
- LG mini-split units with variable speed controls for space conditioning
- Multiple air handling units provide individual room climate control
- Mechanical ventilation provided by Air King
- Space conditioning system located entirely indoors

Electrical
- 100% energy-efficient LED lighting for all interior and exterior lighting
- LG Signatures’ ENERGY STAR®-rated appliances
- ENERGY STAR®-rated variable speed pool pumps

Hot Water
- ENERGY STAR®-rated propane tankless water heaters with an efficiency (EF) of 0.82
- Insulated hot water lines to reduce heat loss

Designed Energy Efficiency and Innovation
As one of the NAHB’s official show homes, The New American Remodel (TNAR) 2020 is a symbol of energy efficiency and innovation. The home exhibits cutting-edge products from manufacturers all over the world.

TNAR 2020 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 homes in a hot climate at any price point with similar energy savings. The home is also targeted to be

Two Trails, Inc. worked closely with Element Building Company to ensure energy efficiency and innovation in The New American Remodel. The HERS Index, without the use of solar power, is 57. When factoring in the 19.72 kW solar system, the HERS Index reaches -20!
certified EPA Energy Star program as well as the Indoor airPLUS program.

Two Trails, Inc. worked closely with Element Building Company to ensure the home achieved optimal energy efficiency. This home has a preliminary HERS Index of 57, which is 43% more efficient than the average new code-built home and designed to have a 41% reduction of energy usage from pre-remodel levels. At this level of energy efficiency, the home is designed to provide over $1,863 in annual energy savings to the homeowner.

**Designed Water Efficiency Features**
In addition to energy savings, this home is designed to achieve approximately a 51% reduction in water use from pre-remodel levels. This remarkable water use reduction is made possible using low-flow water fixtures and a high-efficient 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, along with turf grass to reduce landscaping watering requirements
- Efficient micro spray, drip-lines and an irrigation controller contribute to the outdoor water use reduction

**Designed Indoor Environment**
The home incorporates innovative designs and build strategies, creating an indoor environmental quality that enhances the home owners’ quality of life. Some of these 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 certified by the Forest Stewardship Council
- Eco-friendly flooring – Carpet and Rug Institute’s Green Label certified flooring products

**Systems Engineering**
The systems-engineering approach unites segments of the building industry that have previously worked independently of one another. The concept is simple: systems-engineering can make America’s homes cost effective to build or retrofit, and energy efficient to live in. Energy consumption of new houses can be reduced by as much as 40% with little or no impact on the cost of construction. Similar performance can be achieved in existing homes.

To reach this goal, the Element Building Company’s team works with its building partners to produce a home that incorporates energy and material saving strategies from design through construction. First, the team analyzed and selected cost-effective strategies for improving home performance. Next, the team evaluated design, business and construction practices within individual partnerships to identify cost savings.

Cost savings could then be reinvested to improve energy performance and product quality. For example, a design that incorporates new techniques for tightening the building envelope enabled Element Building Company to install smaller, less expensive heating and cooling systems. The savings generated in this process can then be reinvested in other high-performance features to further reduce energy use. Proving the efficiency of the system-engineering approach to construction, this home’s preliminary HERS Index, without the use of a Photovoltaic system is 57, which is 43% more efficient than the construction of the average new home.

The “pilot” or “test” home is the field application of solution design. The team assisted Element Building Company in designing TNAR 2020 in accordance to strategic design, modeling to maximize building efficiency of each system and directed the team to increase efficiency through cost-effective decisions. Before additional houses are built, these changes are incorporated into the design. This process of analysis, field implementation, reanalysis, and design alteration facilitate ultimate home performance once a design or retrofit strategy is ready for use in production or community-scale housing.

Understanding the interaction between each component in the home is paramount to the systems-engineering approach. Throughout design and construction, the relationship between building site, envelope, mechanical systems and other factors is carefully considered. Recognizing that features of one component can dramatically affect the performance of others enables the Element Building Company’s building team to engineer energy-saving strategies at little or no extra cost.
Overview
The New American Remodel 2020 features a universal and fully integrated control system from Savant designed to support a variety of components and devices for many innovative products. A strong network encourages great performance and reliability. Everything from lighting controls, garage doors, house music/surround sound as well as automated blinds are available using personal phones, tablets as well as strategically placed in-wall touch panels. Common components typically needed to be throughout the house are now centrally located in a single equipment closet for ease of use. The interface has been designed with primary user and guest user types in mind. Some items are user customizable after installation for a full custom experience.
Lighting Control
The interior and exterior lighting featured in the home utilize both paddle and keypad-style dimmers. The occupants have the ability to adjust the energy-efficient LED light fixtures for optimal dimming throughout. The built-in astronomical clock provides the end user with limitless programmability. The lighting keypads are installed throughout the home to provide lighting control of both individual lights as well as user-configurable scenes. Savant’s home automation service will provide the occupants with the ability to create lighting scenes and connect them to a physical button on a keypad or in-wall touch panels, allowing a virtually unlimited lighting experience.

Phantom Screens - Shade Control
The unique motorized window shades boast an intelligent and seamless operation, while allowing for an indoor/outdoor living experience. The motorized shades operate in virtual silence and can be programmed to operate automatically based on time of day for energy-efficiency optimization. Savant’s home automation technology allows the end-user to create shading scenes and connect them to a physical button on a keypad or in-wall touch panels and personal devices with remote control capabilities. This integrate system helps to provide the perfect amount of light into the home to present comfort in every room.

Audio Presentation
The robust, whole-house audio system operates throughout the home allowing each room to enjoy its own customized music and volume settings. For example, the system can incorporate spa music in the master bathroom, modern hits in the private office or single source throughout the whole home at the same time during private events. Content can originate from multiple media sources as well as most streaming internet devices. This audio presentation, coupled with home automation, will allow the end-user to create a well-crafted musical experience and enable simplistic control with this highly intuitive user interface.

Digital Media
CAT6 cabling system is used to distribute both network and future video throughout the home, which enhances the end-user’s experience. The allowance for higher data transfer rates provides a quick response time from the integrated system. The source components can be centrally located in the equipment room as a dedicated space for voice and data equipment. This allows for efficiency and sufficient workspace to troubleshoot or repair any components of the system. The TVs are controlled using an in-wall touch panel or could be sync for the occupant’s personal devices. The integration between the media and Savant’s home automation system will allow the end-user to create preferred channels lists and connect them to a physical button on a keypad.

Video Surveillance
The assurance of safety provided in a home that has video surveillance cannot be understated. Thanks to the seamless integration through home automation, these digital cameras capture and store more video than analog systems while providing a superior video feed as well. The entire perimeter is protected with multiple 4 megapixel, high-definition network cameras with improved video resolution and coverage angles. Since these cameras are housed in waterproof domes, they are able to capture high-quality footage regardless of the time. The enabled remote monitoring allows the end-user to view live streams or access archived footage from anywhere in the world.
PROFESSIONAL REMODELER
WOULD LIKE TO THANK THEIR PARTNERS

PLATINUM SPONSOR

LG
Life's Good

LG Air Conditioning Technologies

LG Hausys

LG Solar

SIGNATURE
KITCHEN SUITE

GOLD SPONSOR

SILVER SPONSORS

KOHLER

EATON

STONEWORKS

MiTek

SharkBite

BRONZE SPONSORS
**EXTERIOR/GARAGE/FIRE SAFETY**

**DANVER STAINLESS OUTDOOR KITCHENS**
Danver Stainless Outdoor Kitchens offers a number of advantages including the same design flexibility found in a semi-custom wood line, a wide selection of powder coat finishes (even realistic wood grains), fast and easy on-site installation, compatibility with any manufacturer’s grill and other outdoor kitchen appliances – plus the fact that they are manufactured-to-order in the USA.

**PHANTOM SCREENS**
Phantom’s motorized wall screen
North America's leading provider of retractable screens, Phantom Screens® offers insect protection, solar shading, temperature control and enhanced privacy for doorways, windows, and large openings. Phantom motorized wall screens can be recessed into almost any structure - completely disappearing when not in use.

**LG SOLAR**
NeON® R - LG365Q1C-A5
Enhanced Performance Warranty (product, performance, labor - up to $450, High Power Output, Roof Aesthetics.

**ENVIRONMENTAL STONEWORKS**
Modern Perspectives’ Ripiano Panels - 11.11087.110898.10
Ripiano offers a fresh new look to ledgestone by incorporating smaller, thinner pieces into a modular panel with a unique stair-edged profile designed to eliminate seams, often seen with single stone applications.

**LIFTMASTER**
85503
The new garage door opener provides full-spectrum security via a wide-angle 1080p camera and two-way audio. Homeowners can use their phone to open and close the door, to see who’s coming and going, and to talk with people in the garage. The unit also comes with a battery backup and a belt-drive for quiet operation.

**LIFTMASTER**
LiftMaster® DC Battery Backup Wall Mount Wi-Fi® Garage Door Opener - 8500W
The LiftMaster 8500W is the most advanced residential garage door opener. Integrated Battery Backup allows you to open/close your door even when the power is out. Built-in Wi-Fi® allows for smartphone control with the myQ® App. Enables secure in-garage delivery for Amazon Prime packages (available in select areas).

**LIFTMASTER**
LiftMaster® DC Battery Backup Belt Drive Wi-Fi® Garage Door Opener - LiftMaster® WLED
LiftMaster® High Capacity Connected Access Portal - CAPXL

**KIDDE - Outside sleeping areas**
Kidde TruSense Combination Smoke and Carbon Monoxide 21028502
Kidde’s TruSense Technology meets the latest industry standards by using a Multi Criteria Optical Sensor to detect more types of fires and reduce nuisance alarms. This will reduce callbacks for the builder and will create a better homeowner experience.

**KIDDE - Kitchen**
Kidde 711A Fire Extinguisher - 21008173MTL
Kidde’s Kitchen Fire Extinguisher has a unique, specially designed nozzle that minimizes the chance of oil splashing by gently dispersing the dry chemical agent in an arc. Its non-toxic agent is similar to baking soda, so it won't damage your stove and makes clean up easy.
BEHIND THE WALLS

**FI-FOIL COMPANY, INC.**
Fi-Foil HY-Fi Reflective Insulation - F-HYFi16500
HY-Fi eliminates the need to shave excess spray foam and adds performance to hybrid frame wall systems. Adds a minimum R7 to the spray foam when enclosing 1-1/2” of cavity air space. HY-Fi hybrid systems with spray foam provide a cost effective path for any last minute plumbing or electrical alterations.

**FI-FOIL COMPANY, INC.**
Fi-Foil HY-Fi Hybrid Reflective Insulation - F-HYFi16500HP
HY-Fi eliminates the need to shave excess spray foam and adds performance to hybrid wall & ceiling systems for the same cost. Adds a minimum R7 to the spray foam when enclosing 1-1/2” of cavity air space. HY-Fi hybrid systems with spray foam provide a cost-effective path for any last minute plumbing or electrical alterations.

**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.

**SHARKBITE PLUMBING SOLUTIONS**
SharkBite EvoPEX Plumbing System
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**
SharkBite 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 connection 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**
SharkBite 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**
SharkBite 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.
**MITEK**
MiTek Specifier
Provide a better spec in just a series of clicks with MiTek Specifier™. Import your current spec list for a quick, auto-generated dual spec with MiTek USP Structural Connectors. Now you can give your customers variety and better hardware options with this free and fast software.

**MITEK**
MiTek Structural Connectors
From foundation to ridge, using MiTek USP Structural Connectors will ensure your structure is safe, reliable, and code compliant. Many products are available in multiple configurations, even customizable to your spec, while still maintaining higher load values than the competition. Build (and retrofit) stronger, safer, more resilient homes with MiTek USP.

**MITEK**
MiTek Hardy Frame Shear Panel
The MiTek Hardy Frame Shear Panel allows for higher loads and more desirable design options for your shear wall needs - with panels as small as 9 inches wide. Engineered to your exact spec, Hardy Frame Shear Panels install right off the truck with no trimming ever needed.

**EATON**
House panel
HP404040SHA
Eaton’s House Panel’s are ideal for larger homes that require a meter breaker at the service entrance of the home. These devices have been redesigned with a focus on flexibility, simplified wiring, and an overall ease of installation.

**EATON**
- Service entrance panel
  CH arc fault circuit interrupters
Eaton’s AFCI breakers use advanced electronic technology to help reduce fire hazards in electrical circuits, including connected cords. They meet the requirements of the UL Standard for Safety, UL 1699 for devices that reduce the effects of persistent arcing faults that may pose a risk of fire under certain conditions.

**EATON**
- Service entrance
  CH load center
Eaton’s CH load centers safely and reliably distribute power throughout the home. CH load centers offer a copper bus for superior conductivity, unique sandalwood finish, and a limited lifetime product warranty.

**EATON**
- Throughout
  Tamper Resistant Decorator Receptacle
TR1107W
Ensure code compliance with Eaton’s tamper resistant receptacles that feature a UL Listed safety shutter that prevents the insertion of foreign objects into a receptacle. The safety shutter will only open upon simultaneous insertion of two plug blades.

**MITEK**
MiTek Ornamental Wood Ties
MiTek Anchoring Epoxies
MiTek ProSeries Fasteners

Patrol Nightlights - TR773SW
TRUSBAC15W
Universal Load Occupancy & Vacancy Sensors - OSUL06D - W
Self Test GFCI with Nighlight - TRSGFN15W
INTERIOR PRODUCTS

PROGRESS LIGHTING - BEDROOM/OFFICE
Glandon - P2586-7130K
The 60” Glandon ceiling fan features a 3000K LED module with a shatterproof white opal shade. With a sophisticated and modern design, Glandon has a dual mount system, includes a hand held 3-speed remote control and comes with reversible blades in driftwood and toasted oak.

PROGRESS LIGHTING - MASTER BEDROOM
Blakely - P400179-143
The Blakely collection four-light chandelier is a fashion-forward design style. A rectangular frame celebrates geometric interplay with clean, straight lines. Finished in Graphite with satin brass accents, the Blakely collection is ideal for Modern and Traditional interiors.

Vast - P2550-0930K and Yerba - P350140-134

STEELCREST - Indoors, Outdoors, Screen Wall, or Decoration
Laser Cut Panels
SteelCrest custom designed, laser-cut architectural panels go beyond the traditional and ordinary punched, or perforated, panels. Whether using the panels for privacy screens, shade panels, or simply inspiring indoor or outdoor architectural features, each product is manufactured in our US facility to our stringent quality control procedures.

STEELCREST - HVAC Supply Registers and Returns
Pro-Linear Series
This series is a significant step up from standard linear bar registers. Rugged enough to be recommended for floor use, our Pro-Linear Series brings considerable refinement, and conveys a clear sense of style. Constructed from 1/8-inch thick steel, all supplies come standard with an attached air control damper.

AGS STAINLESS
Clearview® Railing Systems
Rainier Cable Railing System with Flat Top Rail
The Rainier stainless cable railing system allows for unobstructed views while beautifying any home or commercial space with its simple elegance. These all stainless railing systems are manufactured to meet your project’s unique conditions and delivered to you ready to be installed with just a few simple hand tools.

AGS STAINLESS
Clearview® Railing Systems
Olympus Bar Railing System with Wood Top Rail
The Olympus bar system combines sleek, tailored design with cutting edge fabrication processes for a component-based system shipped ready-to-install. Olympus can be paired with a wide array of top rail options, as well as multiple Powder Coat color choices for individualized design results.

AGS STAINLESS
Clearview® Railing Systems
Rainier Cable Railing System with Flat Top Rail

GARAVENTA LIFT
Home Elevator - Elvoron
Elvoron Home Elevators are designed to be smooth, quiet, and reliable. Customizable with a variety of colors, finishes, and materials to suit any style, budget or project. Compared to traditional manual accordion gates and swinging doors, Premium 3-speed Sliding Doors & Fixtures offer ultimate style, safety, convenience, and quality.

GARAVENTA LIFT
LULA Elevator - Elvoron LULA
Elvoron LULA Elevators provide affordable simple high quality elevator access to commercial spaces and small businesses with limited requirements.
HVAC AND VENTILATION

LG ELECTRONICS AIR CONDITIONING TECHNOLOGIES
LG Art Cool - ARNU0093SFA4
The LG Art Cool™ Gallery offers users the opportunity to express their individual sense of style with a customizable frame while cooling or heating their space. From its easy installation to auto operation modes, the Art Cool™ Gallery provides both personalized comfort and a stylish aesthetic for all-season comfort.

LG ELECTRONICS AIR CONDITIONING TECHNOLOGIES
LG Art Cool - ARNU0093SJR4
With its sleek, charcoal mirror finish the Art Cool Mirror™ is a modern, stylish design option that complements almost all interior aesthetics. The Art Cool™ Mirror packs more punch with built-in Wi-Fi smartphone system control capability and Smart Diagnosis™ for easy control and maintenance.

LG ELECTRONICS AIR CONDITIONING TECHNOLOGIES
LG 5-ton Heat Recovery - ARUB060GSS4
The LG Multi V™ S is a single phase, 5 ton heat recovery, VRF unit. The unit offers simultaneous heating and cooling while providing the user the ability to precisely control each room's temperature while maximizing the systems energy utilization. Connectable to 12 indoor units, the Multi V™ S systems bring efficiency and comfort even in extreme weather conditions.

LG ELECTRONICS AIR CONDITIONING TECHNOLOGIES
LG Vertical Air Handler Unit - ARNU0093SFA4
LG Vertical Air Handling Units (VAHUs) provide a ducted solution for those residential and light commercial applications looking to take advantage of inverter technology. With four-way installation, the new LG VAHUs can be installed vertically, horizontally from the left and right or inverted with a down flow conversion kit, affording contractors flexible installation options for virtually any project.

AIR KING AMERICA
Air King BFQ Series
BFQ75
The Air King BFQ series provides builders a low price ENERGY STAR® certified exhaust fan option that can be installed in a snap. The BFQ series features a SNAP-IN mounting system that reducing installation time, saving effort and money.

AIR KING AMERICA
QuFRESH by Air King
MOFAM
The MOFAM provides a way to bring air into the home without an expensive and complicated installation. The MOFAM includes a controller for temperature and humidity to ensure stress is not added to the HVAC system. An air filter can be added to filter out pollutants.

AIR KING AMERICA
Air King D4 Series
D4SH
The Air King D4DH provides an energy efficient and silent way to ventilate the home. The humidity sensor operates the fan while the DC motor maintains the CFM ratings across multiple static pressures ensuring the proper amount of ventilation is taking place and eliminating any CFM doubts.

AIR KING AMERICA
Air King BFQ Series
BFQ75
The Air King BFQ series provides builders a low price ENERGY STAR® certified exhaust fan option that can be installed in a snap. The BFQ series features a SNAP-IN mounting system that reducing installation time, saving effort and money.
APPLIANCES, SINKS AND FAUCETS

LG SIGNATURE
Signature Kitchen Suite - SKSDR480SIS
Our award-winning 48-inch Dual-Fuel Pro Range is one of the most versatile ranges ever built, featuring the industry’s first built-in sous vide alongside our Ultra-High™ and Ultra-Low™ gas burners and flex induction, True Combi-Steam™ oven, and ProHeat™ Convection oven.

KOHLER - KITCHEN
Prolific® kitchen sink - 23652-NA
Prolific® 44” x 18-1/4” x 11-1/16” under-mount single-bowl kitchen sink with included accessories features three graduated ledges in the basin, so you can place the bamboo cutting board, grated racks (two), colander, and washbin exactly where you want them.

LG SIGNATURE
Signature Kitchen Suite - SKSDR360GS
Our 36-inch Pro-Range features the industry’s largest-capacity, steam-assist oven combining steam and convection cooking for gourmet results. Beyond our versatile precision burners, we offer a scratch resistant, non-stick chromium griddle.

KOHLER - KITCHEN
Purist® semiprofessional kitchen sink faucet
This Purist® kitchen faucet combines a strong architectural form with features adapted from the busiest professional kitchens. The three-function pull-down sprayhead lets you cycle through a range of tasks at the touch of a button: an aerated stream for rinsing, Sweep® spray for cleaning, and Boost function for fast filling of pots and pitchers.

LG SIGNATURE
Signature Kitchen Suite - SKSCR3001P
Purposeful design and advanced engineering make our columns the market’s largest capacity integrated refrigerators or freezers. Adjustable shelving and unique lighting make it easier to optimize the space for party trays to pizza boxes.

KOHLER
Cairn bar sink
8223-CM1
Made of KOHLER Neoroc®, a matte-finish composite material designed for extreme durability and unmatched beauty. Richly colored to complement any countertop, Neoroc resists scratches, stains, and fading and is highly heat- and impact-resistant.

LG SIGNATURE
Dishwasher - SKSDW2401S
PowerSteam Technology offers maximum steam coverage for 60% less water spots,* resulting in the most sparkling clean dishes. Signature Kitchen Suite dishwashers are among the quietest on the market, so you can enjoy a powerful clean—without disrupting your day.

KOHLER
Purist® single-hole kitchen sink faucet with 8” pull-out spout
Purist kitchen faucet combines minimalist style and simple-to-use features. Featuring a single lever handle, the high-arch swing spout includes a pull-out sprayhead with two flow options and pause function to make kitchen tasks easier.

Microwave and 30” trim kit - SKSMC2401S
Ice Maker (by Ferguson) - Wet Bar
24” Wine Fridge - SKSCW241RP/SKSWK245RS - Wine Room
WINE RACKS + COUNTERTOPS

**VINTAGEVIEW**
Modern Wine Racking - W Series

The W Series is our patented wall mounted wine rack that features the original label-forward design trusted by interior design and building professionals. This metal wine rack started the modern wine storage movement and is an easy-to-install upgrade that creates in-demand wine walls and wine cellars in high-end real estate.

**VINTAGEVIEW**
Vino Series - VR

The Vino Series is our artistic, minimalist approach to bottle storage that can enhance wet bar and kitchen designs to improve a home’s appeal. This is the only peg system that can attach direct to any wall surface, even finished drywall. Great for adding into large scale wine cellars or as last-minute finish options in custom homes.

**VINTAGEVIEW**
Evolution Wine Wall

The Evolution Wine Wall offers a unique approach to label-forward, wall-mounted wine rack storage. Available in a variety of stackable heights and bottle depths, the Wine Wall can scale to any project requirement with a unique, industrial style. This rack holds magnum, Champagne, and standard wine bottle sizes so you don’t have to guess what your clients will store.

**VINTAGEVIEW**
Floating Wine Rack Framing Systems

Our versatile floor-to-ceiling framing systems create floating wine racks by taking VintageView’s innovative wall-mounted systems off the wall, creating beautiful room dividers and unique decor enhancements in wine cellars. These design-focused products are the perfect tool for designers, architects, and builders when wall space is at a premium or the plans call for storage in the middle of a room.

**LG HAUSYS**
- Kitchen Island/Bar Peninsula
  Viatera Basso
  Rich and resonant, this soulful symphony of deep, velvety hues lends an air of elegance and luxury to any composition. The warmth of this soothing surface envelopes you, evoking the sensation of sailing through a midnight, star-studded sky. This versatile surface brings a dramatic flair that catches — and pleases — the eye.

**LG HAUSYS**
- Kitchen/Bar/Laundry/Powder Bath 1 Pedestal
  Viatera Mica
  Evoking the layers found in this geological gem, vivid white streaks bolt across an understated pale sea, kissed with a touch of light shadow. The surface has a dimensional finish that rivals the naturally-occurring radiance found in the alluring mineral.

**LG HAUSYS**
- Study Bath Counter
  Viatera Melody
  A delicate combination of pitch and rhythm, a linear succession of tones brings unity to any project. Muted dark beige capillaries rise and fall across a refined cream-hued canvas, creating a sumptuous, musical texture and providing a perfect soundtrack for melodious days and mellow nights.

**LG HAUSYS**
- Laundry
  Viatera Dolce
  As music delights the ear, this soft and smooth surface delights the eye. Creamy threads gently play across a luminous backdrop, creating an immensely appealing arrangement. Surrounding yourself with these tender tones allows your imagination to take flight and bask in the glow that emanates from this sweet, lyrical palette of dazzling hues.

Master Bath - Quartet
Master Bath Shower Ceiling/Bath #3 - Igloo White
Powder Bath 2/Powder Bath 1 Shelves - Equinox
Wellness Spa - Muse
Bath #4 - Karis
Summer Kitchen - Strato Wind (HiMac)
DOORS AND WINDOWS

TRUSTILE DOORS - Interior doors
Tru&Modern Series
TM9160, TM9000, TM9330, TM3000, TM9000

The TM Series offers unique stacked rail designs and modern interpretations of panel doors. All styles have clean, crisp lines and are available in both paint-grade and stain-grade. Custom design options add unique accents to complete your modern interior.

EMTEK DOOR AND CABINET HARDWARE
Select Levers with L-Square Stem and Faceted Grip in Flat Black
5112US19.LSUS19.FAUS19

Door and cabinet hardware is more than a way to open, close, and secure a space. Door hardware should make a statement.

Ply Gem MIRA Aluminum-Clad Wood Windows

DMIRA Aluminum-Clad Wood windows blends the warmth and beauty of a wood window with the durability and weather resistance of aluminum. Designed with superior craftsmanship, one-of-a-kind details and color options ranging from dark bold hues to vibrant metallics, MIRA elevates your home designs.

PLY GEM - CORNERSTONE BUILDING BRANDS
Ply Gem MaxView Sliding Patio Door

The MaxView Sliding Patio Door blurs the lines between interior and exterior living areas to create a true open concept experience. Expansive glass panels with a minimalist ¾” stile design provide a virtually unhindered view without compromising energy efficiency, comfort or convenience.

PLY GEM - CORNERSTONE BUILDING BRANDS
Ply Gem 1500 Vinyl Collection

The Ply Gem 1500 Vinyl Collection offers features you’d expect to find in premium windows without the premium price tag. Traditional or contemporary frame profiles and grille options coupled with trending exterior colors like black, bronze and grey complement any style of home.

PLY GEM - CORNERSTONE BUILDING BRANDS
Ply Gem West ProSeries Collection

Make the most of your next project with Ply Gem West Pro Series vinyl windows and patio door. These low maintenance windows provide the choices you want and the custom solutions you need. Designed for Western energy-efficiency requirements, you’ll not only enhance the view, you’ll help bring a room to life.
KOHLER
Real Rain® shower panel - 31110-58
The Real Rain overhead panel features a water reservoir that shapes individual drops to replicate rainfall. Water then spills into over 775 nozzles and raindrops begin to fall softly and slowly then grow in strength and speed until the shower feels, sounds, and looks like a warm summer rain.

KOHLER
DTV+™ digital showering system - 99693-P-NA
DTV+ brings together four elements - water, steam, lighting, and music to give you a true multi-sensory showering experience. Design a dream shower by selecting the components you like, from rainheads, body sprays, and spa-like hydrotherapy to music speakers, steam, and chromatherapy.

KOHLER
Numi® intelligent toilet - 3901-NPR-0
Bathroom Kohler's most advanced toilet now offers personalized settings that fine-tune every option to exact user preferences, from ambient colored lighting to wireless Bluetooth® music capability to the heated seat and foot warmer. From its striking form to its exceptional water efficiency, the Numi toilet marks a new standard of excellence.

KOHLER
Veil trough vessel lavatory
K-20705-0
Veil's flowing and immaculately balanced curves evoke a sculpted simplicity in tune with contemporary style. This Veil trough-style vessel sink utilizes innovative Supramic technology to create a thin-edged, modern design without sacrificing durability. Enhanced by a high-gloss finish, the basin's sleek, organic shape is easy to clean.

LG APPLIANCES
Laundry S3WFBNStyler
Everything you dreamed of is now possible with the LG Styler, a personal steam clothes refresher designed to keep you always looking your very best with minimal effort on your part.

LG APPLIANCES
WM9500HKALG
Signature 5.8 Cu Ft Large Smart Wi-Fi Enabled Front Load Washer1Premium Black Stainless Steel
These washers and dryers combine mega capacity with LG SmartThinQ® technology so you can get more done, faster, plus control key features from your smartphone.
Learn more about our partners, see construction photos, interviews with the builder and more at TNARH.com