

GOOD CONNECTIONS®



FALL 2026

10 Model Grouping Delivers Large-Layout Performance Improvements

14 Key Structural Changes in Florida's New Building Code

19 Boosting Small Component Production Efficiency



BCMC 2026
Preview
Booth #845

7



CALENDAR OF EVENTS

2026 UPCOMING HOLIDAY OFFICE CLOSURES

U.S.

Labor Day

Monday, September 7

Thanksgiving Day

Thursday, November 26

Day after Thanksgiving

Friday, November 27

Christmas Eve Day

Thursday, December 24

Christmas Day

Friday, December 25

CANADA

Labour Day

Monday, September 7

Day after Thanksgiving

Friday, November 27

Thanksgiving Day

Monday, October 12

Remembrance Day

Wednesday, November 11

Christmas Eve Day

Thursday, December 24

Christmas Day

Friday, December 25



SIGN UP HERE

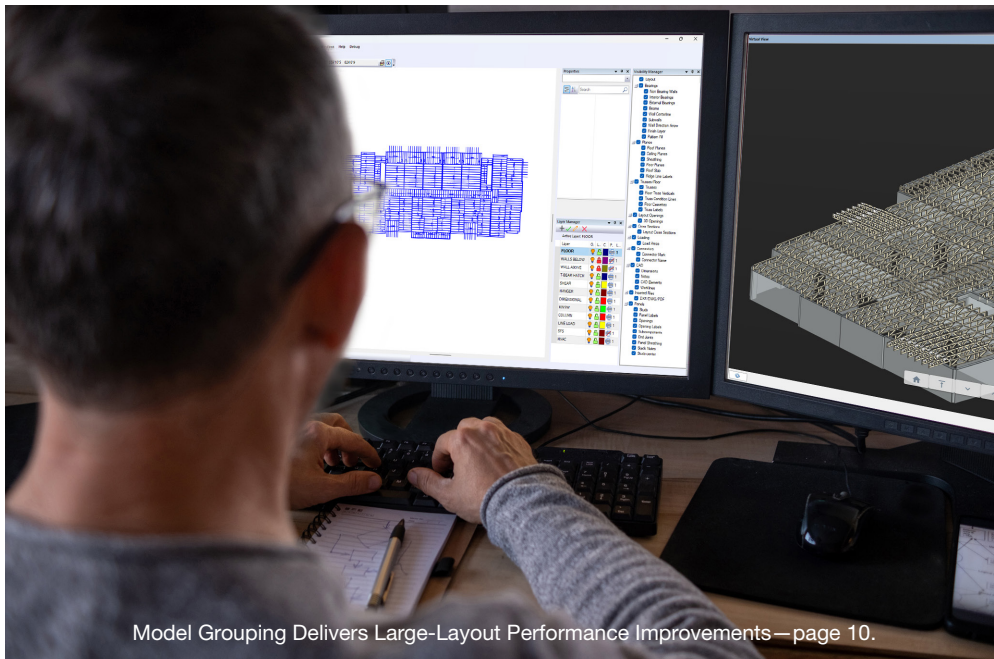
2026 ALPINE® ACADEMY UPCOMING EVENTS & WEBINARS

- Plan Comparison | September 25
- Organize Complex Projects using Sub-Jobs and Linked Sub-Jobs | October 30
- New Features in IntelliVIEW® Suite Recent Releases Fall | November 20
- Engineering Truss Repair Tools | December 18

2026 REGIONAL CLASS SCHEDULE

- New Designer Training | October 19-22 | Earth City, MO
- Intermediate Designer Training | December 7-10 | Orlando, FL

For additional information please contact training@alpineitw.com
Regional Class seating is limited.



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Publishers Note:

Good Connections® is published by Alpine® for its customers, associates, builders, architects, building officials, and other professionals interested in the building components industry.

At Alpine, "Good Connections" refers to the quality products and services we offer as well as the connections we have with our customers and the components they provide to the building industry.

We appreciate story ideas, project photos, and other suggestions that you have to make this an even better publication. For more information, contact marketing@alpineitw.com.

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Matt Davis
Group President

Matt Davis is the Group President of the Global Offsite Construction Platform and responsible for overseeing Alpine®, Offsite Europe, and Offsite Asia Pacific businesses. Since his tenure at ITW in 2000, Matt has held various operational and commercial roles across multiple divisions. He has previously served as the Vice President and General Manager for Commercial Construction of North America as well as ITW Medical.

“If you can dodge a wrench, you can dodge a ball.” — Dodgeball

Resilience is often described as the ability to bounce back. In our industry, it may be more accurate to call it the ability to keep building—even when plans change, schedules move, and the weather refuses to cooperate.

The past several years have thrown numerous wrenches our way. Interest rates, affordability pressures, labor constraints, shifting demand, and economic uncertainty have tested nearly every part of the housing industry. Progress has sometimes felt slower—and less predictable—than any of us would like.

But adversity reveals what is built to last. Companies adapt, teams find new solutions, and relationships grow stronger. We learn when to adjust, when to invest, and—most importantly—when to lean on one another.

That spirit feels especially meaningful as Alpine® celebrates its 60th anniversary. For six decades, Alpine has worked alongside component manufacturers and industry partners through changing markets, new technologies, and countless business cycles. The challenges have evolved, but the foundation of our success remains consistent: strong partnerships, shared problem-solving, and a commitment to helping our customers succeed.

Our customers and partners have played an essential role in Alpine®’s first 60 years. Your trust, feedback, and willingness to innovate together have made us better. As we begin our next chapter, we remain committed to developing solutions that help turn uncertainty into opportunity.

Resilience does not mean pretending challenges are easy. It means facing them with perspective, preparation, and the right people beside you. After 60 years, we know strong connections are not simply how we weather adversity—they are how we emerge stronger.

The upcoming BCMC show in Columbus provides another opportunity to strengthen those connections and celebrate our industry’s future. Please join us for our annual Customer Appreciation Event on Wednesday evening at The Stack—an evening to reconnect, enjoy some well-earned fun, and raise a glass to 60 years of partnership.

Let’s dodge some wrenches, together.

Stay Classy, Columbus!

A handwritten signature in blue ink, appearing to read 'Matt Davis'. The signature is fluid and stylized, with a large initial 'M' and 'D'.



INDUSTRY NEWS

Quarterly Meetings, OQM

Industry leaders, component manufacturers, suppliers, and framers gathered in Bellevue, WA, for SBCA's second Open Quarterly Meeting of 2026, focusing on the trends, challenges, and opportunities shaping the industry. The event combined educational sessions, facility tours, and peer-to-peer collaboration, providing attendees with fresh perspectives and actionable ideas to take back to their organizations. [LEARN MORE](#)

BCMC 2026

Building Component Manufacturers Conference (BCMC) 2026 will be held September 14–18, 2026, at the Greater Columbus Convention Center in Columbus, OH. Visit Alpine at booth #845 to learn more about the latest innovations in component manufacturing technology. [LEARN MORE](#)

Alpine Supplier-Led Education Session at BCMC 2026

Join Alpine Engineers Bill Krick, P.E., and David Rothweiler, P.E., on Tuesday, September 15, at 12:30 pm. Gain practical insights into the latest building code updates and referenced standards to support compliant, efficient, and high-performing component design.

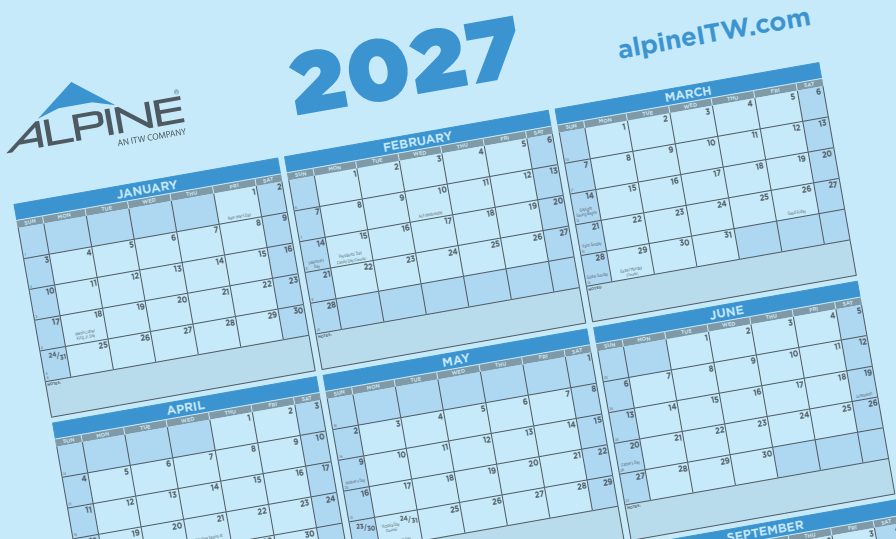
Overall Housing Starts

In the U.S., overall housing starts reached an annualized rate of 1.43 million units in June 2026, as multifamily growth offset slower single-family construction. [LEARN MORE](#)

NAHB IBS 2027

Visit Alpine® at booth #C4115 during the International Builders' Show (IBS) 2027, taking place February 2–4 at the Las Vegas Convention Center in Las Vegas, NV. Stop by to learn about the latest innovations in component manufacturing technology and solutions.

[LEARN MORE](#)



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NEW ORGANIZATIONAL APPOINTMENTS



Annie Kao, P.E. **Engineering Director**

Annie Kao has joined Alpine® as Engineering Director. Based near San Francisco, she will lead the Structural Engineering team, bringing over 20 years of building design, field engineering, product innovation, testing, and leadership experience.



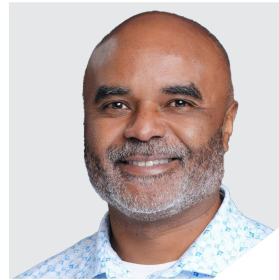
Ty Thompson **Equipment Business Development Manager**

Ty Thompson has joined Alpine as Equipment Business Development Manager. Based in Houston, he will support National Accounts, bringing strong sales experience and a focus on driving growth.



Amy Hutchison **Key Account Manager**

Amy Hutchison has joined Alpine as Key Account Manager for National Accounts. She will support National Accounts by delivering strategic value and driving long-term growth.

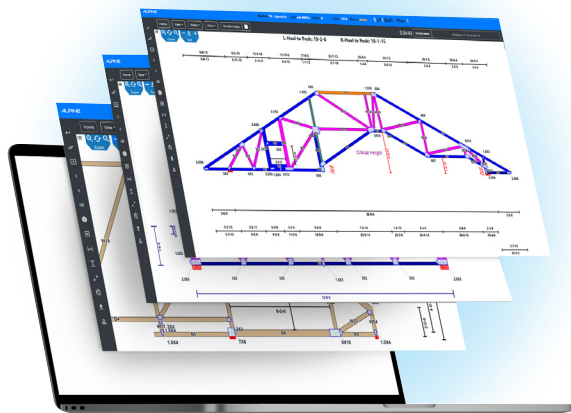


Lorenzo Gonzalez **Software Consultant**

Lorenzo Gonzalez has joined Alpine as a Software Consultant. In this role, he supports customers by providing software demonstrations, technical assistance and guidance.

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Please enter through FYR Short North and take the elevators to the 28th floor.

IntelliVIEW® SOFTWARE 26 SERIES, Fall



iPanel Improvements

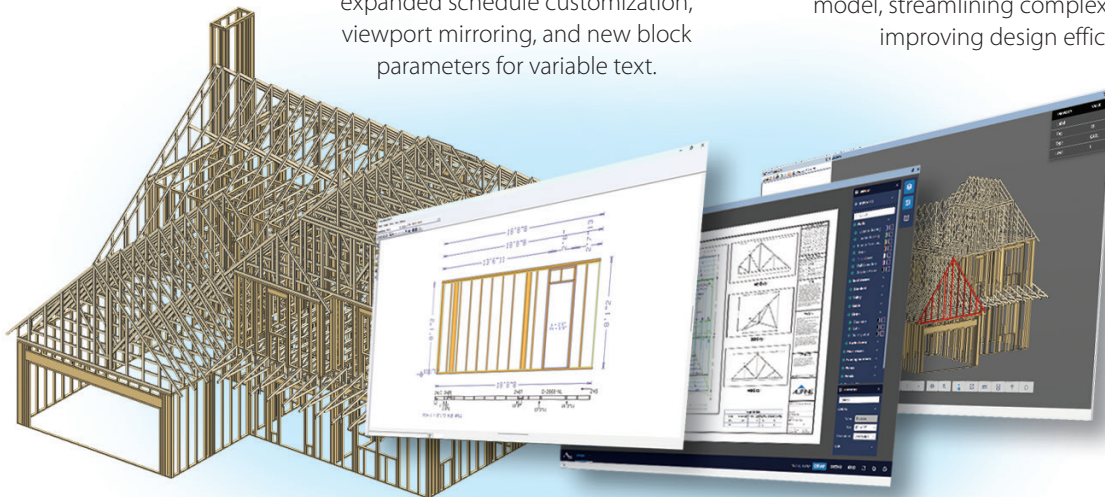
Simplify panel editing, preserve data during revisions, and automatically create panels to reduce manual work.

IntelliVIEW® Paperspace Tool

Enhanced large layout rendering, expanded schedule customization, viewport mirroring, and new block parameters for variable text.

Model Groups

Enables users to group, manage, edit, and report on multiple layout elements as a single intelligent model, streamlining complex layouts and improving design efficiency.



Flip and Mirror Enhancements

Retained subcomponent edits and opening label placement when flipping or mirroring panels, reducing manual rework, improving design accuracy, and efficiency in iPanel.

Efficient Data Exchange

Streamline coordination with new audit capabilities that automatically detect and resolve wall conflicts, transforming generic IFC data into production-ready components.

ASCE 7-22 and TPI 1-2022 Engineering Enhancements

Supports resilient and efficient designs with full IRC/IBS 2024 and FBC 2026 compliance.

CELEBRATING 60 YEARS OF INNOVATION AT BCMC 2026

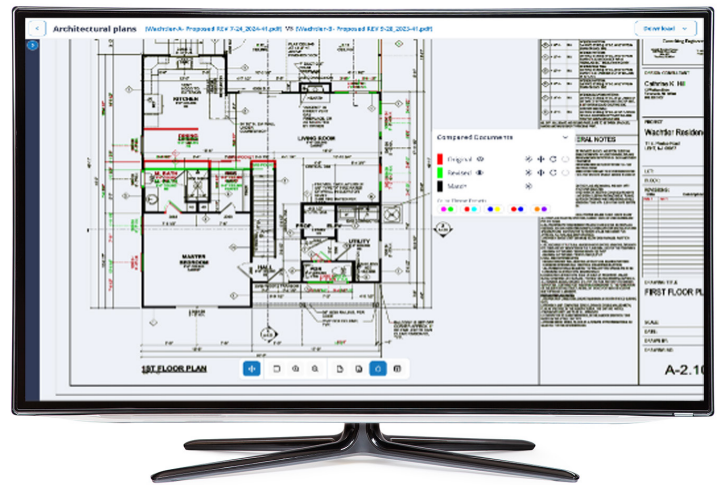
Alpine® will present an engineering session with live equipment and software demonstrations taking place in **booth #845**.

We are excited to exhibit at the Building Component Manufacturers Conference (BCMC) and Framers Summit (FS) in Columbus, OH, September 14–18, 2026. As Alpine celebrates its 60th anniversary, we will be highlighting solutions designed to help component manufacturers (CMs) become more productive, efficient, and competitive. The exhibit will feature live equipment and software demonstrations showcasing the latest advancements in technology, automation, and collaboration.

ALPINE SOFTWARE

“Listening to our customers is the foundation of everything we build. This year, that commitment comes to life through meaningful advancements in model grouping, panel design, and the continued evolution of cloud-based, AI-powered customer solutions. At Alpine, innovation isn’t something we create in isolation; it’s something we develop in partnership with the component manufacturers who depend on us every day. We look forward to sharing what that partnership has made possible,” said Matt Blue, Director of Strategic Marketing.

Cloud-based tools continue to expand project management and collaboration capabilities, helping teams communicate more effectively and make informed decisions faster. Attendees will have the opportunity to see the AI-powered Plan Comparison Tool, which quickly identifies differences between plans to reduce review time, minimize errors, and improve collaboration across teams.



Quickly identify changes between plans with the Plan Comparison Tool.

The Alpine team is also excited to showcase the latest **IntelliVIEW® Suite** enhancements, including **Paperspace**, **Model Groups**, and continued **iPanel** advancements. These new capabilities are designed to improve project organization, streamline workflows, and enhance design efficiency for component manufacturers.

ALPINE EQUIPMENT

This year Alpine is showcasing innovations focused on enhancing equipment performance, reliability, and operational insight through data management. From next-generation diagnostics tools to expanded automated material handling solutions and a hands-on learning experience in Grand Prairie, TX, Alpine is showcasing its latest innovations. These solutions are engineered to deliver better visibility into equipment health, streamline maintenance, and maximize productivity on the plant floor.

“Partnering with Vekta USA will expand our material handling solutions to enhance overall operations for our customers, increasing efficiency and labor utilization.” —Jenai Alexis, Equipment Business Unit Manager

“Alpine’s new table diagnostics tool will give us the ability to gather and analyze data to inform our customers about the health and condition of their AutoSet Plus tables, with the ultimate goal of driving operational efficiency,” said Jenai Alexis, Equipment Business Unit Manager. Attendees will see the latest AutoSet Plus Table advancements, including new diagnostics capabilities designed to simplify maintenance, improve uptime, and provide greater visibility into equipment performance.

Alpine remains dedicated to providing solutions that optimize plant operations and improve efficiency for component manufacturers. Live demonstrations will feature the Alpine Linear Saw (ALS) 5.0, showcasing automated double-stacking infeed capabilities, improved small-component handling, enhanced printing functionality, cut optimization, waste reduction features, and increased throughput.

Attendees will also see the latest AutoSet Plus Table advancements, including new diagnostics capabilities designed to simplify maintenance, improve uptime, and provide greater visibility into equipment performance.

Additional innovations highlighted at the booth include the Packfeeder, developed in partnership with Vekta USA as an optional enhancement for the Alpine Linear Saw (ALS). Attendees will also learn more about the Alpine Training & Innovation Lab, which provides hands-on training and opportunities to explore emerging technologies and manufacturing best practices.



The Small Parts Handler seamlessly transfers the component directly to the outfeed.

“Partnering with Vekta USA will expand our material handling solutions to enhance overall operations for our customers, increasing efficiency and labor utilization,” said Alexis.

“The Alpine Training & Innovation Lab was created to provide an engaging, hands-on learning experience designed to give customers a deeper understanding of Alpine equipment, innovation, and technology. We look forward to welcoming both familiar and new faces to the Alpine Equipment Training & Innovation Lab,” said Alexis.

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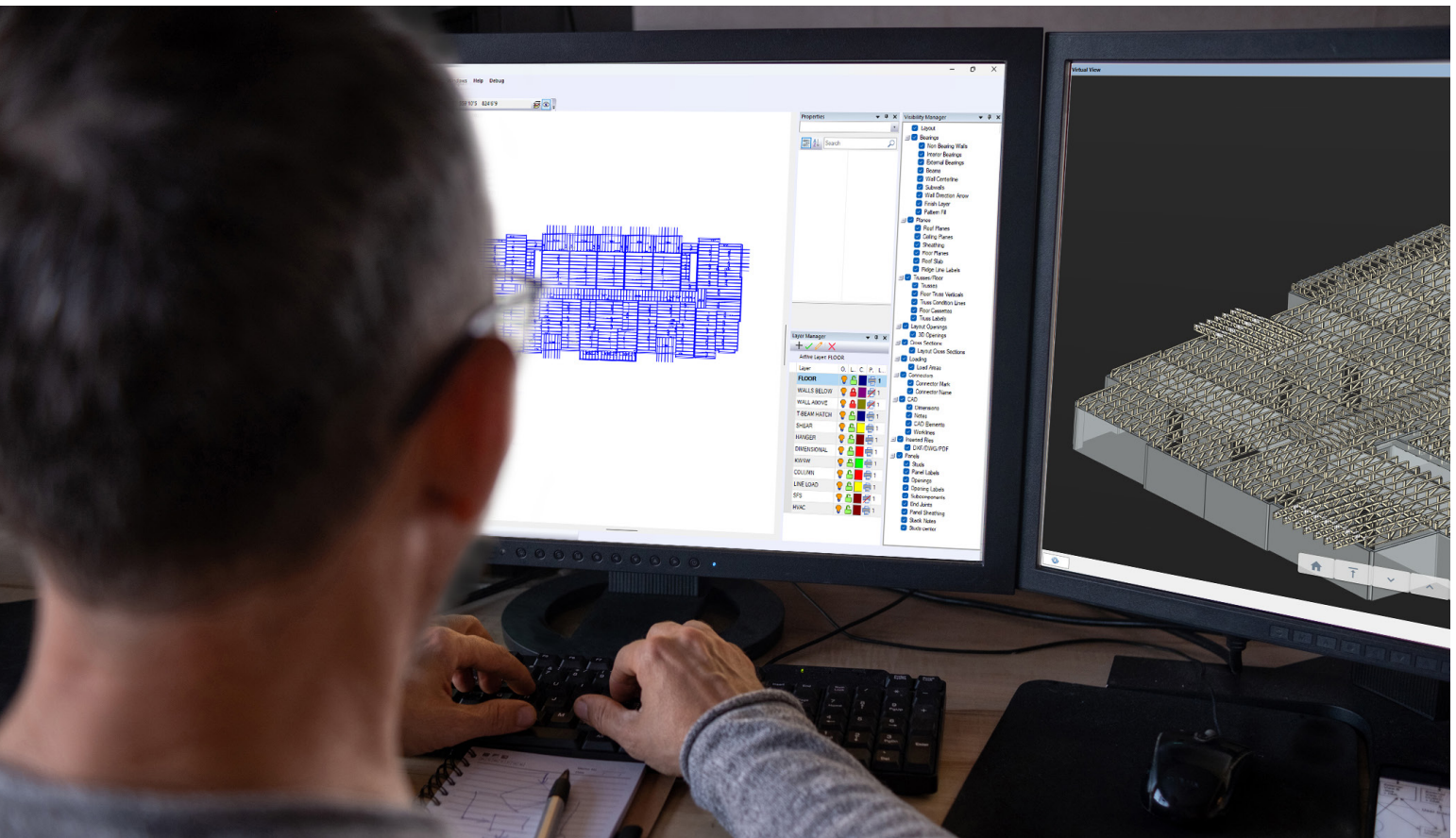
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MODEL GROUPING DELIVERS LARGE-LAYOUT PERFORMANCE IMPROVEMENTS

New IntelliVIEW® Suite functionality improves efficiency and simplifies multifamily design.



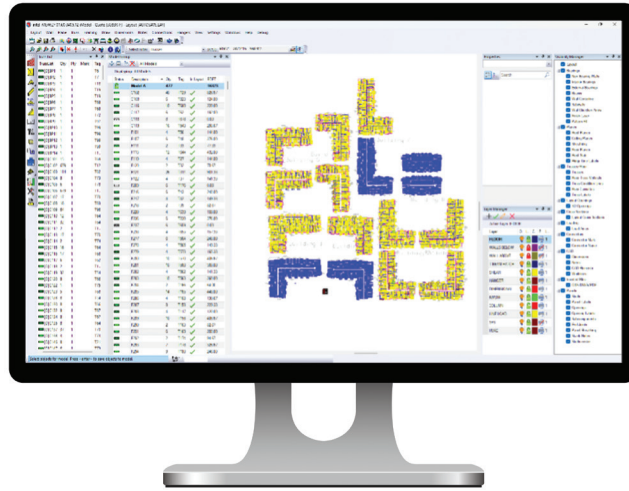
Many regions of the U.S. continue to experience demand for multifamily housing such as apartments, condominiums, tract homes, and hotels. The large scale of these projects often involves complex structural and technical design challenges.

Large spans and shared structural systems often require engineered trusses capable of handling higher loads, HVAC units, snow loads, and concentrated mechanical equipment. Prefabricating these trusses and elements in bulk maximizes efficiency, consistency, and cost savings. Designing

roofing elements for these types of structures can also involve repetitive layout work.

IMPROVED WORKFLOW AND SPEED

The new Model Groups feature is designed to improve workflow specifically for these types of projects. Model Groups, available with IntelliVIEW Suite version 26.01, allows users to organize, isolate, and manage sections of a structure within a single layout, enabling more efficient design, production planning, shipping, and job execution.



Designers working with large layouts using the new Model Groups feature will experience enhanced performance and ease when zooming in, panning/dragging, and plotting.

Rather than working within one large, fully visible layout, users can segment a project into logical groups, such as individual building sections, elevations, assemblies, or production phases, allowing truss designers to isolate only what is needed at any given time.

The size of these types of layouts can present processing challenges and slow down workflow. Evolving organically from Alpine®'s commitment to next-level productivity and inspired by the IntelliVIEW Suite layer manager feature, Model Groups delivers the ability to isolate sections, or elevations, of a building design for more streamlined work.

MODEL COLOR CODING

Color coding the elements, similar to the Linked Sub Jobs feature, allows the user to see which elements are within that Model Group. Designers can also easily access quantities of items, like the board footage of an entire Model Group and more.

If a user needs to limit production based on board footage, for example, due to limits on how many board feet of trusses can fit on a truck, they can create Model Groups and Linked Sub Jobs to produce these trusses based on board footage.

With this new functionality, the designer can create a new Model Group and isolate it for additional design work, adding elements such as notes while keeping everything tied to that specific Model Group.

ENHANCED VISIBILITY

Model Groups delivers greatly enhanced visibility, allowing users to toggle between Model Groups quickly and easily. It works seamlessly with the same copy-and-paste functionality available in all IntelliVIEW® Suite layout tools. It also functions in iPanel and in the 3D viewer, helping users extract insights and data from grouped elements with greater clarity and control.

Designers working with large layouts will notice increased speed and ease when zooming in, panning/dragging, and plotting. Model Groups lets users quickly choose and edit needed elements while hiding unnecessary ones.

As design complexity grows, tools must evolve to support the way users work. Model Groups reflects Alpine's commitment to delivering innovative features that increase accuracy and unlock new levels of performance.

For more information about Model Groups, contact your local Alpine® Sales Representative.



Build Confidence & Operational Team Excellence.

The Alpine Equipment Training & Innovation Lab provides hands-on training in equipment operation, calibration and system setup, mechanical and electrical maintenance, preventive maintenance, and advanced troubleshooting. Designed for new operators, maintenance teams, plant managers, and production leaders, the program builds confidence through real-world experience and expert instruction.

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TPI 1-2022 provides a clearer, more consistent method for checking plate capacity. When metal connector plates are installed on both faces of a joint and meet minimum size and tooth-holding requirements, they may be taken as resisting 65 pounds per inch of plate length for out-of-plane loading. This removes past ambiguity and aligns with updated wind provisions in ASCE 7-22.

Attention to restraint remains critical. Blocking, bracing, and support at heel joints and bearing locations help control movement and reduce risk.

Design takeaway: Use the 65 pounds per inch value for quick plate-capacity checks, but do not rely on plate capacity alone when lateral restraint is limited.



CODE CHANGE AHEAD: KEY STRUCTURAL CHANGES IN FLORIDA'S NEW BUILDING CODE

AUTHORS

Bill Krick, P.E. | Chief Engineer

Abdur Khan | Engineer

It's that time – again.

The 2026 Florida Building Code 9th Edition will take effect on December 31, 2026, bringing with it updates that could affect how structural components are designed, analyzed, and documented throughout the state. For engineers, truss designers, and component manufacturers, understanding these changes is essential to ensure compliance to avoid costly project disruptions while preparing design workflows for the code cycle.

Released late June of 2026, the final PDF of the code publication adopts several updates to standards that will impact the structural building and truss industry, including:

- National Design Specification for Wood Construction ANSI/AWC NDS 2024
- Building Component Safety Information (BCSI) 2018, Updated March 2020
- Minimum Design Loads and Associated Criteria for Buildings and Other Structures ASCE/SEI 7-2022
- National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2022

CATEGORY	Plating	Web Reinforcement	Multi-Ply Girders	300# Person Load
IMPACT	Small Increase	Benefit	Big Increase	Small Increase

Figure 1. Highlights the four key topics along with the types of changes impacting component designs with the ANSI/TPI 1-2022 design criteria.

NDS 2024 includes notable updates to shear design for bending members, changes to the connections between multi-ply members, and new fire design provisions.

The state of Florida's adoption of ASCE/SEI 7-2022 in the previous code cycle, positioned the state to address significant wind load changes in the standard. As a result, the code already accounts for the revisions to components and cladding wind pressures for shallower pitched roofs, as well as the simplification of zones for the external pressure coefficient. ASCE/SEI 7-2022 also introduces a new Chapter 32, which establishes tornado wind load requirements for Risk Category III and IV structures to enhance resilience.

This article focuses on the changes introduced in ANSI/TPI 1-2022. While the updated standard includes numerous revisions, several are expected to have a more direct impact on truss design and engineering workflows during the transition from previous editions. To better understand the revisions, this article examines the four key areas: plating, web reinforcement, multi-ply girders, and person load requirements. Together, these topics represent some of the most consequential revisions designers and engineers should understand as they prepare to adopt the new standard. Figure 1 illustrates the projected impact of these changes on truss design.

PLATING

Joint Modeling and Structural Behavior. TPI 1-2022 allows most truss plate joints to be treated as rigid but requires flexibility to be considered for floor trusses with narrow-face plating. These revisions improve the alignment between analytical predictions and actual in-service performance, resulting in more reliable and consistent truss designs.

Effective Depth of Chord Member. While NDS focuses on wood member stresses, TPI expands the design framework by incorporating plate/joint checks that account for tension perpendicular to grain.

Rolling Shear. TPI addresses shear stress perpendicular to grain by creating a horizontal shear volume factor, CV. This will mostly affect top chord bearings.

Steel Thickness Reduction. The plate thickness is being reduced by 0.0003 inches. Out-of-plane plate capacity of truss plate – 65 pounds/inch per pair. Under TPI 1-2022, when metal plates are installed on both faces of a joint and meet minimum tooth and size requirements, they can be assumed to resist 65 pounds per inch along the plate's length for loads acting perpendicular to the plate. This update removes ambiguity and provides a consistent, standardized method for evaluating out-of-plane loading conditions such as wind, bracing, and construction loads.

WEB REINFORCEMENT

Web Member Reinforcement to Increase Buckling Capacity. TPI 1-2022 expands and clarifies the design of web member reinforcement for buckling, providing more guidance than TPI 1-2014. The updated standard now applies to both webs (or studs) with and without lateral loads and includes changes in how reinforcement is considered in structural analysis.

A key update is the introduction of three new reinforcement types; I-Reinforcement, U-Reinforcement, and Double Scab (DBL) Reinforcement (see Figure 2). These new reinforcements provide designers with more options to efficiently address buckling. In addition, TPI 1-2022 standardizes fastening requirements,

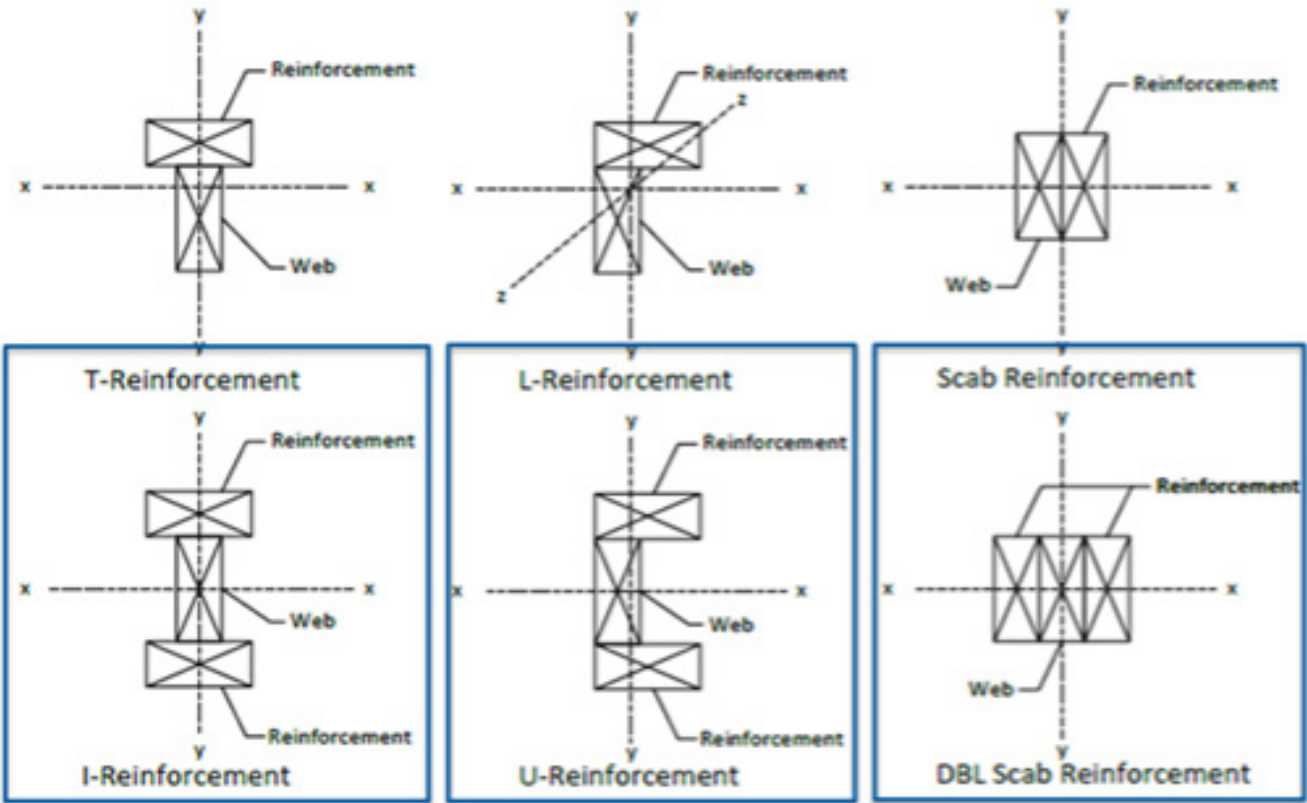


Figure 2. Highlighting a key update from TPI 1-2022 Web Reinforcements (Source Figure 7.3-1).

including minimum nail size and spacing, improving consistency and reliability in the field (see Figure 3).

MULTI-PLY GIRDERS

TPI 1-2022 introduces clearer and more structured guidance for multi-ply truss behavior, particularly for side-loaded girder trusses. Section 7.5.2.4 refines limits on the number of plies and load distribution across them.

For member design, TPI 1-2022 moves away from equal load distribution and requires higher load assignment to individual plies to better capture real behavior (see Figure 3). However, for fastener (ply-to-ply connection) design, the traditional 1/n load distribution assumption remains as a practical and conservative approach.

% of face-mounted load carried by each ply (Face-mounted hanger on 1st ply)						
2x_ plies:	Ply 1	Ply 2	Ply 3	Ply 4	Ply 5	Ply 6
2-ply girder	50	50				
3-ply girder	37	32	31			
4-ply girder	29	25	24	22		
5-ply girder	28	19	18	18	17	
6-ply girder	25	16	15	15	15	14
> 2x_ and < 4x_ plies:						
2-ply girder	55	45				
3-ply girder	41	30	29			

Figure 3. Highlighting another key update from TPI 1-2022 Load Not Continuous Across All Plies. (Source Figure 7.5.2.4 ANSI/TPI 1-2022 Commentary) Percentage of face-mounted load carried by each ply (Page 65).

Additionally, new Section 7.5.3.7 introduces an allowable bending stress increase for multi-ply trusses, recognizing improved performance due to load sharing. This increase varies by chord type

and number of plies, providing a more realistic and efficient design approach for multi-ply systems.

Reducing 3-ply girders to 2-ply serves as an allowable cost benefit consideration. Obviously, this will increase lumber and plate quantities, but compared to the 3-ply design, this could be beneficial.

PERSON LOADING

Section 6.2.2.5 now requires a 300 pound (lbs) person load applied to trusses with these conditions:

- Trusses spanning 18' or more
- Load applied to chords with no structural wood sheathing
- 300 lbs mid panel point load
- 300 lbs point load to be run concurrently with all dead loads
- Load case can be run with a duration factor of 1.6 or less

This raised many questions that required clarification from TPI. Here are some of the questions posed by Alpine® and the truss industry:

- Is this load post construction?
- What is meant by spanning?
- Is this point load supported by one truss?
- What about panels that are not accessible?
- What consideration should be taken for sloping chords?
- Where do purlins fall regarding structural wood sheathing?

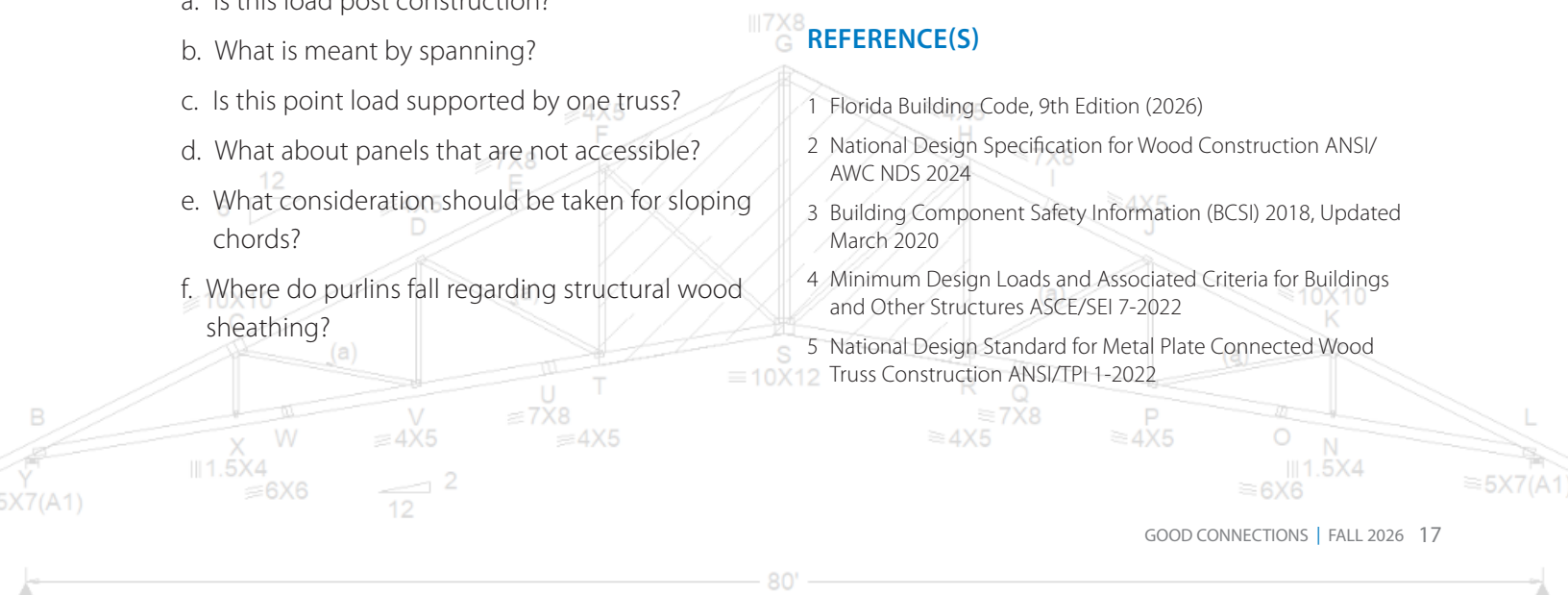
The TPI Technical Advisory Committee (TAC) issued a technical interpretation on February 6, 2026. Here are some of the clarifications TPI provided:

- If the trusses are spaced 30" or less, the 300 lbs point load would be supported by 2 trusses.
- If the panel can accommodate a 42"x24" rectangular space, then the person load needs to be applied.
- If the slope on the bottom chord is less than 2/12, the person load is required.
- Spanning is defined as being between bearings, not the overall truss span.
- If purlins are spaced greater than 24" on-center or there is no structural wood sheathing, the person load is required.

The 2026 Florida Building Code represents another step in an ongoing effort to improve structural performance, safety, and consistency across projects. Although many of the changes discussed are technical in nature, their impact on design, engineering, and compliance can be significant. With each code cycle, preparation and education remain key to successful adoption. For questions or additional information, please contact the Alpine® Engineering team.

REFERENCE(S)

- Florida Building Code, 9th Edition (2026)
- National Design Specification for Wood Construction ANSI/AWC NDS 2024
- Building Component Safety Information (BCSI) 2018, Updated March 2020
- Minimum Design Loads and Associated Criteria for Buildings and Other Structures ASCE/SEI 7-2022
- National Design Standard for Metal Plate Connected Wood Truss Construction ANSI/TPI 1-2022





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BOOSTING SMALL COMPONENT PRODUCTION EFFICIENCY

Delivering insight, accuracy, and increased throughput for small but crucial assemblies.



As offsite construction advances in efficiency, data visibility, and precision, component manufacturers (CMs) are reassessing each production stage's impact on throughput. And small truss and hip roof manufacturing represents an area primed for improvement.

While small components are an essential part of every job, when CMs use their longer span tables or makeshift tables profitability, typically suffers. The introduction of the Alpine Small Component Table (SCT) with SpeedSet Automation is a purpose-built solution designed to optimize the production of small components.

The SCT enables operators to accurately position the pucks to assemble components, reducing variability and improving overall build quality.

A MORE STRATEGIC APPROACH

While essential to many roof systems, small components (trusses under 20 feet), can disrupt production flow, tying up labor and equipment necessary for building larger trusses. The SCT offers a more strategic approach, allowing CMs to redirect this work to a dedicated, compact platform while keeping primary production tables focused on high-value, large-span trusses. It also facilitates the use of automation to deliver quality and repeatability that's not achievable with makeshift tables.

At the core of the SCT is SpeedSet Automation, which delivers automated jigging for rapid and repeatable setup. The SCT enables operators to accurately position the pucks to assemble components, reducing variability and improving overall build quality. It replaces manual layout methods with automated positioning to achieve consistent results across every job.

FASTER TRUSS ASSEMBLY

Complementing the hardware is the SmartView System, an optional overhead display that provides real-time guidance. Builders can view truss dimensions, plate information, location, and lumber size directly above their work surface, reducing guesswork and minimizing errors.



The SmartView system is an optional overhead display for real-time guidance.

The visual interface speeds up assembly and supports less experienced workers to achieve high-quality output. Unlike traditional manual workstations, which lack production tracking, the SCT integrates a real-time feedback loop, enabling managers to monitor job status, track completion rates, and gain insights into labor performance. This level of transparency supports better decision-making and keeps projects on schedule.

The system also features pneumatic lift-outs to simplify the ejection of completed trusses and improves material handling efficiencies, which helps reduce physical strain. The table's adaptable plastic surface allows for custom blocking that provides flexibility for a wide range of small components.

The overall improvement on small component assembly helps bring structure, consistency, and data integration to what has traditionally been a manual workflow. As CMs look to optimize margins, boosting small component productivity can significantly improve profitability and timeliness. With the SCT, Alpine® delivers a targeted solution that aligns with the broader shift toward smarter, more connected manufacturing environments – **Build More.**

BE ON YOUR GUARD

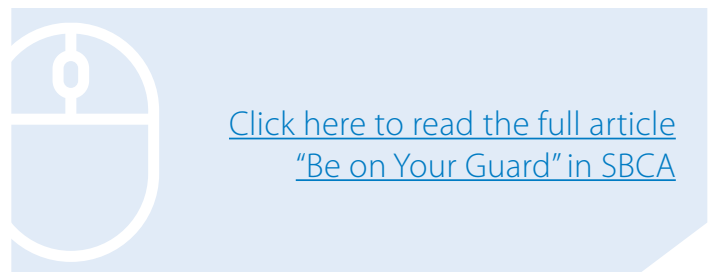
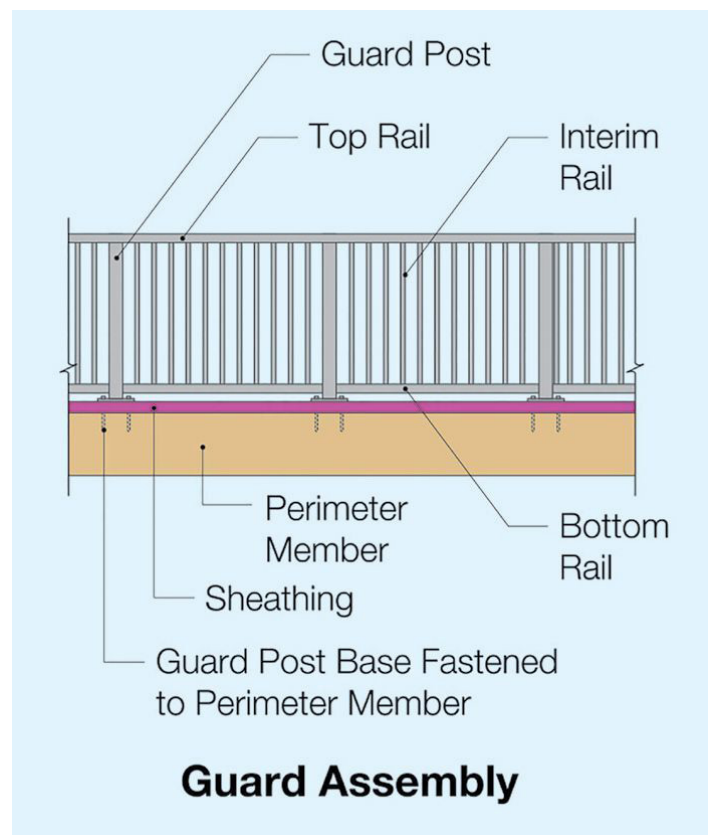
Article courtesy of SBCA – Structural Building Components Association

SBCA Provides Design Tips for Guard Support Assemblies in the 2024 IRC

AS ADOPTION OF THE 2024 INTERNATIONAL

Residential Code (IRC) spreads, component manufacturers (CMs) are facing an important new structural design consideration related to guard supports around stair openings, lofts, balconies, and other elevated walking surfaces (Figure 1). Section R502.11 of the 2024 IRC establishes new provisions for minimum framing, bracing, and reinforcement requirements for floor systems supporting guards, while also requiring that the effects of the guard loads be specifically considered in the design of the edge member when trusses or I-joists are used. These new provisions are intended to address long-standing concerns about the ability of floor systems to adequately resist the torsional and overturning forces created when guards are subjected to required code loads.

Recognizing the significant impact these code changes will have on CMs, the Structural Building Components Association (SBCA) has taken a proactive role in helping manufacturers understand and adapt to the new requirements. Through the development of its guidance document, [IRC Floor Framing Guard Assembly Support Recommendations](#), SBCA is providing practical design recommendations tailored for wood floor truss applications. The goal is to help all stakeholders better coordinate guard support details early in the design process, rather than relying on field modifications after construction has already begun.





“Find good
people and grow
old with them.”

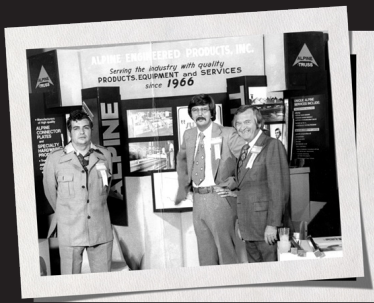
– Bill McAlpine, Co-founder of Alpine

Strong relationships. Trusted partners. Passionate teams.

Here's to six decades of innovative, solution-forward
component manufacturing—and the customers who inspire it.

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ALPINE
— EST. 1966 —



In 1966, we designed 200 trusses for three customers. Since then, our team has helped build millions of homes in North America through high-quality component manufacturing.

A lot has changed in 60 years, but our commitment to partnership has always been at the core of what we do.

At Alpine, our team fosters lasting relationships with customers and collaborates on solutions. Our industry innovations have been driven by challenges we've seen component manufacturers face. We truly want to see everyone succeed.

Like the plaque in our Orlando office reads, **"Find good people and grow old with them."** So here's to six decades of innovative, solution-forward component manufacturing—all thanks to our team members and customers who made it possible.

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