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## Southwest's Fastest Growing Steel Tech Firm Expands To Las Vegas

Next Level Steel of Arizona partners with Alston Construction and Phelan Development to construct Las Vegas' first commercial warehouse crafted with high-tech, innovative castellated steel

(Las Vegas, NV) – Already the fastest-growing steel fabrication company in the Southwest, [Next Level Steel](#) (NLS) of Mesa, AZ is expanding to Nevada with the construction of a 6-building, 500,000+ square foot light industrial project coming to greater Las Vegas. Kicking off construction in Q1 of 2024, the [Badura & Cimarron Project](#) in Spring Valley will also be the first in the state to incorporate NLS' innovative castellated steel beam technology, which allows commercial construction to span further, faster and for less than traditional wood-steel joist systems. The first fabricator in the Southwest specializing in high-tech castellated steel beams, NLS recently launched a dedicated [Castellated Structural Group](#) (CSG) and opened a second state-of-the-art steelyard to more than double capacity up to 1M sq. ft. per month to keep up with the booming demand.

Led by Phelan Development of Las Vegas, in partnership with Alston Construction, the Badura & Cimarron team decided to incorporate this high-tech new steel beam after Phalen's designers saw the technology being incorporated into similar projects Alston is currently building in Arizona. But according to Next Level Steel owner, Brandon Bell, it was the COVID pandemic that led his company to launch this innovative new construction technology.

“During COVID there was a surge in warehouse building, but NLS previously didn't focus on that business because traditionally most commercial warehouses/light industrial spaces in the Western US are built with wooden roofs and use little structural steel except for the steel joists.” Bell says. “But because of COVID the price for roof-building joists tripled as manufacturers struggled with supply chain issues and could not keep up with demand.”

To meet this ever-growing demand for castellated structural steel as an alternative roofing support material, NLS launched Castellated Structural Group and constructed a dedicated twin-line fabrication facility using proprietary technology. Now running 24/7 to help keep up with demand, CSG starts by slicing and splitting apart traditional steel I-beams, before they are precisely welded back together. The 'teeth' carved in the beams are offset, creating a series of precise hexagonal holes that help make the steel beam stronger, faster to erect, and delivered with less lead time than traditional roofing structures. Plus, “with the refinements in our manufacturing processes and the new facility's higher volumes, we can compete with traditional roof joist companies even as prices and lead times stabilize,” Bell says.

Founded in 2020 by second-generation steel fabricator, Brandon Bell, Next Level Steel/Castellated Structural Group has grown from six employees to a planned 100+ following the opening of its second steelyard. Providing design, fabrication and steel erection services for clients ranging from Intel and TSMC to the new dining hall at the Marine Corps Air Station Yuma, AZ, the two companies are projected to have completed 8M sq ft in projects by the end of 2023. With clients ranging from Whiting Turner, Layton, and AR Mays, NLS/CSG has also hired a new VP Business Development, Lauren Fisher, as the company expands across the Western US.