

Rebar on 'The Strip'

Century Steel puts aSa to work in busy Nevada and Southern California markets

Chances are, if you've vacationed in Las Vegas in the last 30 years, you've been surrounded by rebar fabricated and installed by Century Steel, Inc. The company's projects include most of the big resort casinos on Las Vegas Boulevard: "The Strip." Las Vegas, site of the 2003 World of Concrete (see front page story), is home to Century Steel's fabricating shop and home office.



Century Steel has fabricated and installed rebar at most of Las Vegas' famous casino hotels. One of the company's current projects is a 42-story tower addition to Mandalay Bay, top. Bottom, Century ironworkers place slab steel at a mega-resort construction site.

Photos courtesy of Century Steel, Inc.

"We do everything with rebar," says Century President Todd Leany. "We estimate it, detail it, fabricate it, deliver it, and install it," he continues. Century also provides structural steel and concrete accessories.

Century Steel serves Southern Nevada and Southern California markets with offices in both locations. "We're gearing up for a pretty good year in Vegas, while work in California has been slow but steady," says Todd. Century Steel employs 390 office, shop, and field employees. The company logged 488,000 union man-hours in 2002.

He notes that the construction industry in Vegas "moves very fast." One example, currently in progress, is the 42-story Mandalay Bay Tower addition in which the contractor is pouring five floors every three weeks. Todd points out that this is a very demanding schedule.

Century is also currently providing reinforcing steel for Le Reve, a \$1.8 billion casino mega-resort set for a 2005 opening. Marnell-Carrao Associates is the contractor for the project. Todd notes that Century Steel has contracted more than 16,000 tons of reinforcing steel and post-tension cable so far for the project.

In addition to reinforcing many of Vegas' famous casinos — including Caesar's Palace, the Venetian, the Mirage, the Bellagio, Treasure Island, Mandalay Bay, New York New York, and Excalibur — Century has also provided steel for high-rise condominium towers, hospitals, stores, water treatment plants, and highways. And since 1996, aSa has helped them do it. Century currently uses

aSa Estimating, CAD/Detailing e^x, Bar List e^x, and Production e^x software.

The company has also taken advantage of on-site installation and training services from aSa, most recently in September, 2002, when Robert Diana, aSa Senior Applications Consultant, upgraded their system to the most recent version of aSa e^x and provided CAD/Detailing training. Todd says on-site training works well for Century. "We have 21 estimators and detailers," he says, "so rather than paying travel expenses for eight or ten people, we can have one member of aSa come here and teach. Plus, I think they learn better in their own environment."

John Homewood, who has worked for Century for more than 20 years, explains how aSa CAD/Detailing helps the company accommodate the needs of ironworkers in the field, "We don't have to sequence our detailing ... we can detail the entire project. As the job progresses in stages, we simply fence off the areas we need to ship. The program automatically creates the bar lists and tracks what has been taken off and what remains."

aSa Software helps Century Steel meet the demands of fast-paced mega-resort construction projects.

Another advantage to CAD, says John, is the fact that the drawings are to scale, providing an "apples to apples" comparison between the engineer's plans and the detailer's placing drawings. He also notes that the program helps in making decisions about when to ship stock and mill length bars. He adds, "It's a sweet deal." □