

EQUIPMENT PROTECTION

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ENCLOSURES IN ACTION

Easi-Set Buildings Prove to be an Optimal Choice at Telegraph Pass

For those in certain industries, choosing easily accessible equipment sites is not always an option. Sometimes equipment has to be placed at remote locations, regardless of how inconvenient, inhospitable and inaccessible they are.

For those in the telecommunications industry, this is frequently the case. When Communication Services, Inc. (CSI), of Tempe, Ariz., needed to house customer communications equipment in the desert at a high-elevation site, there was really only one consideration: who could get a building out there?

An Easi-Set precast concrete building was the logical choice to meet this customer's needs, and officials at Rockway Precast were able to accommodate even this relatively austere site located at Telegraph Pass, near Yuma. Some other structures built at the site, made of steel or composite materials, had not held up well under the severe conditions found

at the site, particularly high winds and extreme temperatures. Additionally, the owner wanted the buildings to be secure from both nature and unwanted guests.

Rockway Outside Sales Associate Scott Mensing immediately recognized as a solution: transport the building panel by panel to the site directly from the company's Las Vegas, Nevada, plant, then assemble the building at Telegraph Pass.

"Easi-Set precast concrete buildings are modular," explained Moffette Tharpe, managing director of Easi-Set Industries. "This is advantageous because they can then be customized efficiently."

After checking with an outside contractor who assured him the 8,000 to 11,000 lbs. panels could

make it up to the site, Mensing began customizing a panelized 8 by 10 by 8 foot Easi-Set building with a broom finish, then planned for the building's erection and installation.



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"The day of the delivery was the first time any of the Rockway Precast crew or myself had actually seen the site," said Mensing. "Looking up the hill, I was not sure that we were going to be able to do it."

Over the course of two days, the Rockway crew was able to deliver and assemble the floor, roof and four walls on the concrete pad that had been previously installed at the site by CSI. According to Mensing, the customer was very pleased with the final outcome of the project. In fact, other wireless providers have since inquired about the building when the customer's crews have visited the site, prompting additional queries at Rockway.

In addition to the advantage of efficient customization, Easi-Set buildings offer cost savings as well. The buildings cost significantly less than comparable built-in-place construction and can be continuously relocated as requirements change. Although not a requirement for this particular application, additional cost savings are added over built-in-place construction in cases where buildings need to be frequently relocated as requirements change.

The company's buildings can be tailored to meet any need. Custom sizes are available, and can range from 10 by 12 feet to 40 by 200 feet (clear span). Also available are a variety of custom-finished exteriors so the buildings can aesthetically blend in with existing structures, specific to the customer's requirement.

The installation of an Easi-Set building can also save

time, allowing the site to become operational more quickly. With a built-in floor, no foundations or footings are required, unless by local code. A level six-inch layer of sand or crushed stone on an approved sub-grade is all the preparation required. They are produced by local manufacturers throughout North America, and can be transported to the site and installed in as little as a few hours.

In addition to the cost and customization advantages, Easi-Set buildings also provide durability. A special post-

tensioned roof and floor design provides water-tight construction. Buildings will not warp, rust, corrode, rot or burn and retain their finish without maintenance. Because of the extreme environmental conditions present at the Telegraph Pass site, this was a key concern for Rockway's customer, CSI. Heavy-duty construction features galvanized insulated doors, vandal-resistant steel reinforced precast concrete construction, tamper-proof hinges and dead-bolt locks. Buildings are bullet resistant, fire resistant, petrochemical blast resistant and earthquake

resistant, with a seismic zone 4 rating. They are able to withstand wind loads of up to 150 mph. Buildings can be located in remote areas, are durable, secure and do not require attendants.

Recently, officials at Easi-Set introduced a two-piece, post-tensioned, pitched roof design for their buildings. A number of local producers have already produced and delivered pitched roof buildings to better serve their customers' diverse needs.



Precast concrete building panels manufactured at Rockway Precast's Las Vegas, Nev., plant had to be transported individually up the remote access road and assembled at the site.