



PABCO® Creates a Healthy, Quiet Environment for MultiCare Hospital

QuietRock selected for expansion of one of the Northwest's largest emergency center.

MultiCare in Tacoma, Washington

MultiCare is a leading-edge, integrated health organization made up of four hospitals. A not-for-profit organization since 1882 and based in Tacoma, Washington, MultiCare is the area's largest provider of health care services, serving patients at 93 locations in Pierce, South King, Kitsap and Thurston counties.

MultiCare partnered with architectural firm Giffin Bolte Jurgens on a substantial new 200,000 sq. ft., five floor addition to their campus in Tacoma, Washington. The project is slated to be four occupied floors, with a fifth mechanical floor. The addition will make MultiCare one of the biggest emergency departments in the Northwest including a new cancer center.

Diagnosis: Hospitals Are Noisy

Hospitals are noisy. High noise levels can not only negatively impact patient quality of sleep, blood pressure levels, and patient recovery time, but can also seriously compromise patient confidentiality if conversations are inadvertently overheard. When it comes to patient health, comfort, and privacy, effective sound control is a design requirement that should not be compromised in any healthcare environment. Designing with high Sound Transmission Class (STC) performance and implementing standards is essential to any healthcare environment.

Project:

MultiCare, Tacoma General Hospital

www.multicare.org/tacoma-general-hospital

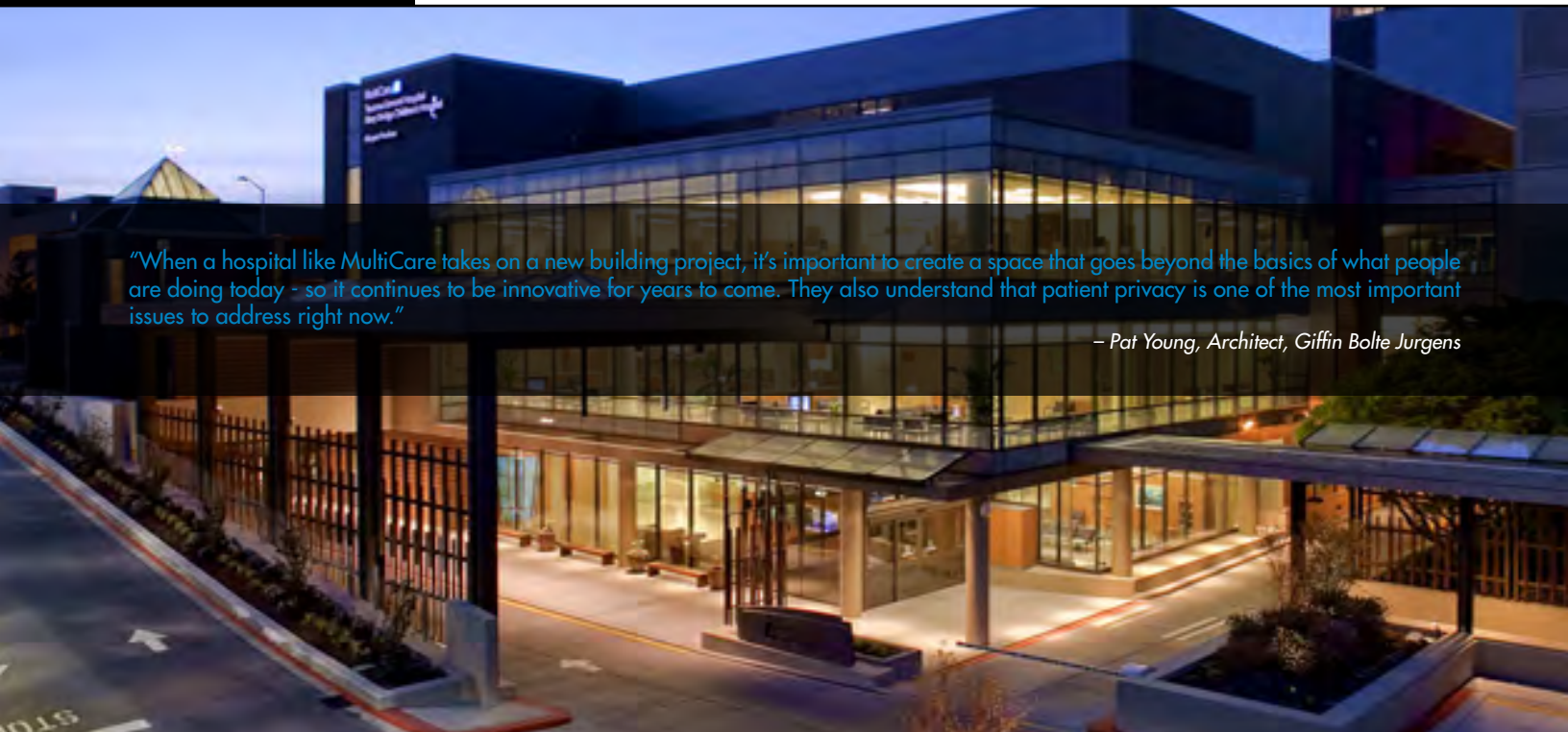
Location:

Tacoma, Washington

Architectural Firm:

Giffin Bolte Jurgens

www.gbjarch.com



"When a hospital like MultiCare takes on a new building project, it's important to create a space that goes beyond the basics of what people are doing today - so it continues to be innovative for years to come. They also understand that patient privacy is one of the most important issues to address right now."

- Pat Young, Architect, Giffin Bolte Jurgens



"The time savings using QuietRock mitigated the cost of the product. It also reduced construction time. Now we're not quite as tight in our deadline."

– Pat Young, Architect,
Giffin Bolte Jurgens

"We looked at Washington State regulatory codes and AIA guidelines and decided to use the AIA guidelines since they are the more stringent. We want to be sure to build to the highest performing acoustical standards," said Pat Young, architect with Giffin Bolte Jurgens.

The Quiet® Solution

Giffin Bolte Jurgens specified QuietRock for use in a variety of applications throughout the building to meet high STC ratings and maximize construction space.

"We knew we had a requirement to keep an 8 ft. space in certain hallways and quickly realized that you burn through an extra inch with a traditional 5/8" double hung design. That adds up over the course of the building," said Pat Young, architect for Giffin Bolte Jurgens.

Poorly designed acoustic healthcare environments prevent effective communication between patients and staff and between staff members which may compromise patient safety and maximum health. For MultiCare's patients, Giffin Bolte Jurgens' acoustic design quality will also yield a more attractive and serene environment to reduce patient recovery time and maximize overall comfort.

Results Beyond Quiet

"We understood QuietRock is a premium product and would save us a lot of headache and hassle. A single layer installation's one-step process also means there's less labor involved, which makes quite a difference. We saved space, got the high sound requirement we needed, and cut down the labor and construction time involved."

MediCare project benefits from using QuietRock include:

- **Noise Damping** – Expects to meet stringent AIA acoustic requirement guidelines and Washington State regulations.
- **Reduced Construction Time, Labor, Materials and Cost** – Single layer installation vs. a double layer or other noise reducing designs saved overall construction time, materials, labor, and costs.
- **Saves Space** – The project required 8 foot hallways. Traditional multilayer noise reducing design options take up precious additional floor space.
- **Mold Resistance** – It was necessary to put up some of the drywall before the building was sealed. In the Pacific Northwest, moisture is always an issue. Vulnerable patients cannot be exposed to mold.
- **Durability** – QuietRock 528 with fiberglass is perfect for use in hallways where heavy gurneys wreak havoc on walls.

About QuietRock®

QuietRock replaces older techniques such as resilient channels, clips, sound board and mass loaded vinyl and offers lower cost solutions than other methods for equivalent STC ratings. From 1/2" entry level to 1-3/8" professional products, there is a model for any project. QuietRock hangs and finishes just like standard drywall and is fully lab and field-tested to STC 80, depending on model and assembly. PABCO Gypsum has shipped millions of QuietRock-brand panels for use in thousands of residential and commercial construction projects.

About PABCO® Gypsum

PABCO Gypsum, a division of Pacific Coast Building Supply, owns and operates sustainable gypsum wallboard operations in Las Vegas, NV and Newark, CA. Family owned and operated since 1972, PABCO Gypsum has been providing gypsum wallboard products and superior customer service throughout the Northwestern hemisphere of the United States. PABCO Gypsum began manufacturing and shipping gypsum board from its Newark, California facility in 1972. Five years later, PABCO Gypsum expanded with the acquisition of a combined manufacturing and gypsum quarry facilities north of Las Vegas, Nevada. In 1998 and again in 2005, the Las Vegas plant was expanded and modernized. In 2009 the Newark, California plant was also expanded and modernized. Today, the two facilities supply over 1.67 billion annual square feet of gypsum board, making PABCO Gypsum one of the largest producers in the western United States.

In August 2013, PABCO Gypsum acquired the QuietRock product line and manufacturing operations from Serious Energy, Inc; further strengthening company brand and product portfolio. PABCO's complete line of gypsum products is used in virtually all types of construction from single-family residential to commercial high-rise structures.