

SAN FRANCISCO BUSINESS TIMES

December 7, 2018

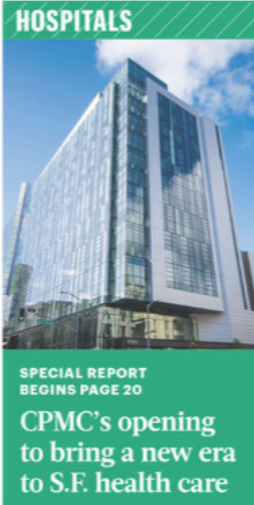
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SAN FRANCISCO BUSINESS TIMES

Thinking inside the Box

Aaron Levie wants to build not just a company, but a new future for work.

HANNAH NORMAN, 43



HOSPITALS HEALTH CARE FACILITIES INNOVATION

SPECIAL REPORT | DECEMBER 7, 2018

CONSTRUCTION



Sutter Health's California Pacific Medical Center campus at Van Ness and Geary is an 11-story, 274 bed hospital.

A GLEAMING NEW HOSPITAL RISES

Has CPMC successfully future-proofed its \$2.1 billion Van Ness hospital?

BY RACHEL SANDLER
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One of the most expensive medical projects in San Francisco history will open to patients in March 2019 – and it will open with cutting-edge earthquake-proofing technology and improved patient tech.

Sutter Health's 11-story, \$2.1 billion California Pacific Medical Center occupies the entire 1100 block of Van Ness St. Construction started in 2014 and came in on budget and ahead of schedule.

*Large complex projects run significantly late and significantly over bud-

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HOSPITALS

CPMC finished ahead of schedule, on budget

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get," said Digby Christian, a manager on the project. "We didn't do that on this project, and that's extremely unusual in the industry."

In the original plans, the 1-million-square-foot Van Ness campus was supposed to open in summer 2019.

The building itself is the first in North America to be outfitted with a particular anti-shaking technology meant to prevent damage in an earthquake. The so-called "viscous wall dampers" are floor-to-ceiling plates submerged in a viscous goo inside the walls of the building. The gel acts as a shock absorber if the building were to start shaking.

"The dampers are groundbreaking for a building in the United States," said Christian. "It was a huge technical achievement for us to get those in the building. It allows to have a safer building using much less steel and more clear open spaces to build in because there aren't as many cross beams in the structure."

The new hospital also includes a series of pneumatic tubes, like those you might find at a bank, to transport items through the building. Whereas other Sutter Health hospitals use a similar system to transport documents and sup-



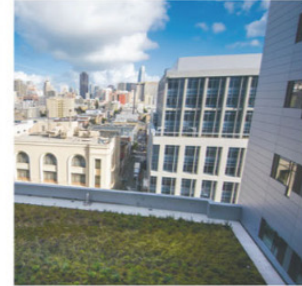
PHOTOS / TODD JOHNSON

'Large complex projects run significantly late and significantly over budget. We didn't do that on this project.'

DIGBY CHRISTIAN,
director of integrated lean project delivery, Sutter Health

plies, the Van Ness campus has installed extra security, so now blood and tissue samples, narcotics and other sensitive items can be sent via tube as well.

Hospital-wide, the Van Ness campus will be the only Sutter Health facility to use trackers on every piece of equipment, so staff can easily locate items if another department uses it. Nurses, too, are tracked. A central computer system can detect if a nurse enters a room and



Above: The building's living roof helps with energy conservation.

Left: The new hospital has amenities like a children's playroom where they can relax before, after and between appointments.

doesn't wash their hands or use hand sanitizer.

The California Pacific Medical Center Van Ness Campus – along with Sutter's recently completed Mission Bernal Campus – have absorbed the functions of Sutter's St. Luke's facility, which was shut down in 2017. Dean Fryer, a Sutter Health communications manager, said the health system would not be hiring additional staff for the new hospital.