

Gilead Sciences, New Research Building 1

"The excellent teamwork and technical knowledge of the project team allowed them to proactively meet challenges and keep our fast-paced schedule on track."

**Bob Nungester, Associate Director
Gilead Sciences**



Gilead Sciences, New Research Building 1

With construction completed from the ground up in just 13 months, this is Gilead Sciences' first new construction on the Foster City campus. This chemistry and biology laboratory building with office space attaches to an annex building housing a lecture hall. A prototype building, NRB1 consolidates program areas and expands capacity for critical research activities. During construction, to avoid disturbing the scientists on the Gilead campus and other neighbors, over 100 auger cast piles, some as deep as 95 feet, were used to compensate for incompetent soil conditions. The building shell has a steel structure on a concrete foundation and Glass Fiber Reinforced Concrete (GFRC), metal panel, and glass skin systems with a foam roof.

851 Buckeye Court
Milpitas, CA 95035

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Permit 229
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Gilead Sciences
Foster City, CA

OVERVIEW:

60,000 s.f. chemistry and biology lab building with office space and lecture hall

Utilized five types of finishes, including curtain wall, metal panels, GFRC panels, architectural poured concrete, and wood panels

HIGHLIGHT:

Project completed in 13 months

UNIQUE CHALLENGES:

Building site located on incompetent soil requiring over 100 piles, some as deep as 95 feet, to compensate

Utilized Auger Cast piles to avoid disturbing research on the Gilead campus and other neighbors

First floor slab is a structural slab, all below slab utilities are suspended from the structural slab

Site utilities built with swing connection joint to accommodate 1 foot of differential settlement

Learn more about the Gilead project and other unique XL projects at www.xlconstruction.com.



Photos: Image Center, Marco Zechin