



Case study

# PROVIDENCE CEDARS-SINAI TARZANA MEDICAL CENTER PARKING





## PROJECT DETAILS

### Owner

Providence Cedars-Sinai Tarzana Medical Center

### Architect

Perkins + Will

### Mesh Type

Omega Divergence



## METAL MESH WRAPS AND DEFINES BUILDING WHILE MAINTAINING VISIBILITY

Providence Cedars-Sinai Tarzana Medical Center has provided care to residents of California's San Fernando Valley since 1973. In addition to heart, vascular, orthopedic, cancer and women's services, the facility boasts the largest Level III Neonatal Intensive Care Unit (NICU) in the area. As the community's needs grew, a new patient wing emerged as a necessity and brought with it the need for an accompanying parking structure.

"A new parking garage would not only provide replacement for the surface parking lot being displaced by the patient wing, but it would also substantially expand the campus's parking capacity and provide electric vehicle charging stations," says Eric Brossy de Dios, associate principal and senior project manager at Perkins + Will, the architect of the Tarzana Medical Center Parking project.

The height of the garage would make it visible from surrounding streets, so the city of Los Angeles required screening of the parking garage façade on all four sides.



**"Metal mesh enabled us to design a single planar surface that could wrap and define the overall shape of the building while allowing details of the structure behind to remain discernable,"** explains

Brossy de Dios. "The openness of the mesh provided ample natural ventilation, avoiding the need for mechanical ventilation systems, and the availability of mesh patterns and differing weave densities gave us the ability to vary the visual patterning of the façade."

"This project utilized 33 panels of GKD Omega Divergence," says Andy Franks, GKD regional territory sales manager.

"Following the Omega pattern, this modern variation features intermittent density of varying spaced rods that give way to transitioning opacity. This creates a spectacular visual striation within one panel."

"Installation of the metal mesh system was relatively smooth and efficient," Brossy de Dios says. "There were some initial challenges with the tensioning of the installed product that led to some rippling in the mesh material, but that was soon adjusted, resulting in the taut, flat screen seen today."

For the new parking structure, metal mesh solved the required visibility objective while bringing a modern, sophisticated accent to the building.

"The application of this metal mesh system was an effective solution for this design, and we will happily use it again," Brossy de Dios says. "We're very happy with the project and the long-lasting façade that the stainless-steel mesh system will provide for the Tarzana Medical Center."

### Contact Information

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