

Kindred UC Davis Healthcare Rehabilitation Hospital Location: Corner of Broadway and 49th Street, Sacramento

Project: UC Davis Rehabilitation Hospital, Sacramento, CA
Architect: Taylor Design
Main Contractor: McCarthy
Ceiling Contractor: Nevell Group
Ceiling Manufacturer: USG®
Product Featured: Donn® Brand AdvanceSpan™
Seismic Bracing Product: GRIDLOK® from www.bracelok.com

Press announcement on this project: https://health.ucdavis.edu/news/headlines/new-rehabilitation-hospital-project-begins/2021/04

Ceiling project description

USG Grid was selected for conventional grid, and for the corridors USG Advancespan™ was used.

Advancespan™ is specifically designed for crowded corridors and has an HCAI (OSHPD) OPM preapproval.

Advancespan[™] was developed for the crowded interstitial space in corridors as it is often impossible to get wires installed. The main beam across the corridor is significantly heavier than conventional heavy-duty grid.

Advancespan™ requires no wires, if installed at 24" O.C. in Corridors less than 8'6" wide.

If mains are installed @ 48" O.C. in Corridors less than 8'-6" wide, a single wire is required every 7'-6" anywhere on the main runner at least 12" from either wall.

Advancespan[™] grid uses 1" C mold which eliminates the 2" wall angle shown in HCAI's OPD detail CL2.50. It also eliminates pop rivets using the US44C clips. It requires just a compression post and a single brace on the main runner.

For seismic bracing, GRIDLOK® was used. It is the only product that has an HCAI OPM for use with Advancespan®.



HCAI's OPD detail CL3.10 only allows compression post placement centered on the cross tee, which does not allow for the 2 (ea.) ¼" DIA machine bolts where light fixtures occur. This leads to a requirement for additional compression posts or light fixtures being relocated.

At this site, GRIDLOK® was used for both the corridors and the remainder of the building where conventional grid was installed. More details about GRIDLOK® can be found at **www.bracelok.com**



Following are some photos of GRIDLOK® installed with Advancespan™ and in with conventional grid at the Kindred/UC Davis site:



Advancespan™ installed in corridor at Kindred/UC Davis Sacramento.





 ${\it GRIDLOK} {\scriptstyle \textcircled{\tiny \ensuremath{\$}}} installed with {\it Advancespan} {\scriptstyle \ensuremath{^{\rm TM}}} showing the compression post and one brace.$





When used with conventional grid GRIDLOK® can be placed **anywhere along the main grid and rotates 360 degrees**, for maximum flexibility in choosing the landing location of braces. GRIDLOK® has just three connections to the deck as opposed to the five wires and post in HCAI's OPD detail. No more trapezes! No more broken ceiling tiles caused by bolts protruding through the post.

Consistent, quality installs reduce interstitial clutter at a lower cost, and assists other trades to complete their work on time and provides easier access for the end user and building maintenance. GRIDLOK® when used with Advancespan™ **requires only two connections** to the grid, a post and a single brace.

GRIDLOK® is a rigid bracing solution, originally developed in highly seismic New Zealand. It's OPM preapproval is for all Armstrong®, CertainTeed® and USC® heavy duty grid and is now used extensively in both HCAI and California DSA projects.





GRIDLOK® installed with conventional grid at Kindred/UC Davis using a post and two braces.