

**Project:** UTSW Medical Center, William P. Clements Jr. University Hospital, Dallas, TX  
**Architect:** RTKL Associates Inc. Dallas, TX  
**Products:** C/S MetalWrap MW-7315 Louvers



The Construction Specialties (C/S) MW-7315 Louver was designed as a solution to a problem that came up during the design of a very a large hospital in Texas. The University of Texas South West Medical Center building façade is made up of precast, window, louver and a minimal amount of exterior metal panel. There is over 40,000<sup>ft2</sup> of total louver area on the project. 14,000<sup>ft2</sup> are active performance louver. Approximately 23,000<sup>ft2</sup> are inactive with 7,000<sup>ft2</sup> only temporarily inactive, meaning they will someday remove the blank off and make them active. This leaves 16,000<sup>ft2</sup> of louver permanently inactive, 40% that serve only as an architectural feature. The development of the MW-7315 was a great opportunity for the installer, especially because it helps them enter a new market where exterior metal panel is not the building facade.



While assisting the in the project design, C/S learns that the area behind the 16,000<sup>ft2</sup> of inactive louver is conditioned occupied space. There are laboratories in this area; therefore true wall performance is required. Meaning they need high R-value and thermal performance. Performance that our traditional blank off could not provide. C/S blank

off sits within the louver frame and is not mean to act as a fully sealed, thermal wall system. First an ACM panel with a louver blade was considered. Then the design shifted to a weatherproof wall with louvers. This would necessitate coordination between the louver manufacturer and whoever provides the wall. Finally the design was changed to a C/S Louver over CENTRIA's MetalWrap back up insulated panel system. They would get true wall performance without compromising aesthetics. The result is another innovative product, MetalWrap Louvers and Wall System, from the coordinated partnership between C/S and CENTRIA.

Dedicated to its largest ever benefactor former Texas Governor William P. Clements Jr. the medical center is now William P. Clements Jr University Hospital. The hospital opened December 6, 2014.

## At a Glance

- Project has over 40,000<sup>ft2</sup> total louver area
- 60% active louvers, the rest an architectural feature
- Inactive area needs thermal performance
- New MetalWrap System provides solution
- Cradle to Cradle Certified™ Silver\*

\*Clear anodized and C/S Powder Coat Finishes

**CS**™ Louvers

<http://wwwwc-sgroup.com/louvers>  
800.631.7379