



## San Jose Public Library - Cambrian Branch

San Jose, California

*clever. creative. comfort.*

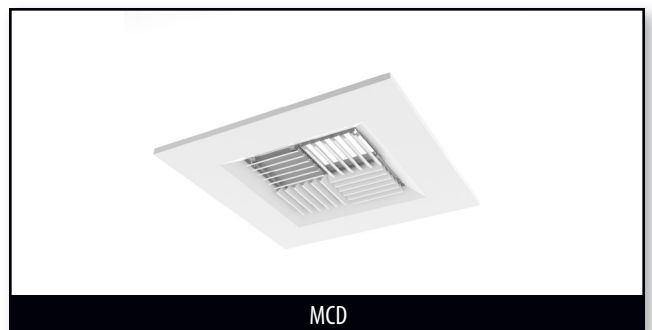
Client - San Jose Public Library System  
Representative Office - Norman Wright Co.  
Architect - Anderson Brulé Architects  
LEED Certification - LEED Certified



### ABOUT THE PROJECT

The new Cambrian Branch of the San Jose Public Library system is a great facility to champion learning, growth and development for many generations. This 28,000 square-foot LEED Certified building was designed by the local architectural firm of Anderson Brulé Architects. These local architects knew their Cambrian community greatly needed a new learning environment for its growing area. What they received in return was a stunning building that is twice the size of their previous one that is not only eco-friendly, but offers several amenities they didn't have before.

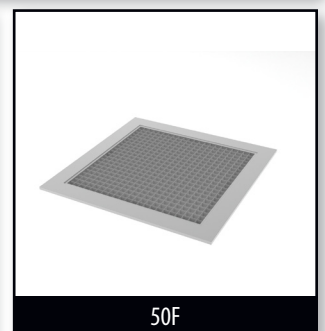
The new library has over three times the computers than the previous had with free WiFi access! The Cambrian Branch also offers several areas it didn't have in its previous facility. New areas that guests can use are a story telling area for 30 people, a community room that can hold up to 100 people, and study areas for several people to utilize. The Cambrian Branch is also has an Internet café, which currently is stocked with vending machines. Parking spaces have also increased as well.



MCD



DESV



50F



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Being a LEED Certified building meant that several Green elements were used during the construction. The building was constructed with low-E glazing as well as wall and roof insulation. An Energy Star-rated cool roof was installed to reduce energy as well. The fins at the curved glass, louvered shading devices and awnings help reduce air conditioning in the summer.

Materials used during the construction process are also green. Some of the pieces contain recycled material such as the aluminum panels, the steel structure and the carpeting. Other materials used reduce volatile organic compounds including sealants, interior and exterior paints, carpeting and cabinetry substrates. At the end of construction, almost 100 percent of the construction material and demolition waste was recycled.

## THE TITUS SOLUTION

The air outlets featured in the new library were selected for their superior performance and aesthetics. The main diffuser Titus supplied to the Cambrian Branch is the MCD ceiling diffuser. This square diffuser is extremely flexible. The Titus MCD is a modular core diffuser that can have its air pattern





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adjusted for a 1-, 2-, 3-, or 4-way pattern after it has been installed. The MCD maintains a horizontal flow pattern from maximum to minimum cfm, making it an excellent choice for variable air volume systems.

Other Titus products featured in the library are the 50F Eggcrate grille and the DESV Single Duct Terminal. The 50F is offered in  $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ -inch,  $\frac{1}{2} \times \frac{1}{2} \times 1$ -inch, or  $1 \times 1$ -inch core sizes. The DESV is unique as it incorporates many design features that increase performance, decrease service and installation costs, and offer increased value, over and above this basic function.

## THE END RESULT


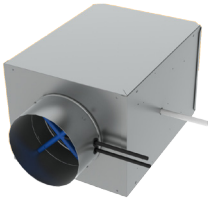
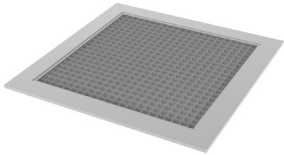
The new Cambrian Branch Library brings a new element to the San Jose area. It drastically improves their ability to offer new services to the area for their guests to utilize while transforming the local landscape for future generations.



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## Titus Products List

		
<b>MCD</b>	<b>DESV</b>	<b>50F</b>
Titus Model MCD modular core diffuser is extremely flexible; it can be adjusted for a 1, 2, 3, or 4-way pattern after it has been installed.	The Titus DESV is unique as it incorporates many design features that increase performance, decrease service and installation costs, and offer increased value, over and above this basic function.	Titus 50F Eggcrate grilles have the highest free area of any return grille. These grilles are available with aluminum border and aluminum grid; steel border and aluminum grid; or entirely stainless steel construction.

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