The scenario:
When the native Red Cliff Band of Lake Superior Chippewas first settled on the banks of Lake Superior, they had to endure the extreme climate, particularly in the winter. So when the town needed to invest in new lighting poles along the main highway and roads, durability to handle the elements was just as important as proper aesthetics of the Chippewa reservation.

The solution:
With a new casino in development as the main town structure, the lighting poles needed to blend well with the Northwoods Native American architectural style as well as stand up to the extreme weather conditions found in northern Wisconsin. After considering numerous tropical woods, the designer, SAS + Associates from nearby Duluth, Minnesota, specified Structura’s Sine series of poles featuring Accoya® wood in a pre-weathered grey finish.

“The benefit of using a wood like Accoya is its ability to withstand the demanding roadway conditions and extreme temperatures, along with its ability to naturally weather without structural detriment”

Dan Kohnen, president of Structura
The scarf-jointed, square-tapered glulam poles provided the visual architectural consistency to accent the all-natural Northwoods styling, and offered the added durability requirements needed for the exposed weather conditions. “The lighting poles needed to blend with the natural architecture and surrounding, yet be durable and easy-to-maintain,” said Luke Sydow, owner of SAS + Associates. “We decided to go with the weathered gray finish so the patina matched the surrounding buildings. This was my first time specifying Structura poles and I am extremely happy with the outcome.”

The Structura light poles, made from Accoya wood, offer a durable and all-natural material with minimal need for maintenance. Structura uses Accoya wood due to its strength, durability and aesthetic impact. Accoya wood is able to endure harsh weather conditions, holds up against rot and decay, and is readily available.

**The result:**
Investing in a lighting pole system with consideration given to both the historical past and long-lasting future has paid off already. “The benefit of using a wood like Accoya is its ability to withstand the demanding roadway conditions and extreme temperatures, along with its ability to naturally weather without structural detriment,” said Dan Kohnen, president of Structura. “Not only will the Red Cliff Band’s appreciation of these high-quality and attractive Accoya wood poles provide benefit today, but far into the future.”

To learn more about Accoya wood, visit [www.accoya.com](http://www.accoya.com)
The scenario:
In the upscale area of Biltmore, Arizona, the new concept Hillstone Restaurant by the Hillstone Restaurant Group was designed to intentionally blend the indoor and outdoor experience. The design is purposely casual yet high-end with moveable glass walls that open views from the restaurant through to the natural southwestern surroundings. A mix of natural materials was carried through from the interior to the exterior including stone, copper and wood.

The solution:
Transitioning between the indoors and the outdoors was done through the meticulous selection of design and materials. Particular emphasis was placed on using sustainable materials and obtaining LEED certification. The design combined unique interior elements, such as moveable walls and energy-efficient window systems, with natural exterior materials such as Accoya wood.

For the exterior lighting, the design team selected Structura’s Bol Series featuring Accoya wood with Cumaru exterior stain and finish. The glulam Bol poles are round at the base and slowly taper to a square top profile, emulating design features within the restaurant. Each pole’s interior aperture conceals powerlines and camera cabling for exterior lighting and security monitoring, resulting in a clean appearance. The Structura poles utilize Accoya wood selected for its natural beauty, sustainability and durability. From certified sources, including FSC forests, Accoya wood offers exceptional dimensional stability and resistance to UV degradation in the harsh desert environment.

“We count on Accoya wood to provide long-lasting protection, stability and distinctive aesthetic appeal.”
Dan Kohnen, president of Structura
The result:
The use of Accoya wood in this often overlooked application offered the design team a thorough natural look and feel throughout the restaurant setting. Accoya wood is a durable, long-lasting and aesthetically pleasing material that blended the interior elegance with the exterior southwest environment. “Not once have I seen lighting poles this elegant,” said Rakesh Patel, senior project architect for Hillstone Restaurant Group.

“Not once have I seen lighting poles this elegant.”
Rakesh Patel, senior project architect for Hillstone Restaurant Group
Velodrome Track, Georgia

Track surface made from Accoya® wood for a new velodrome in Georgia’s capital, Tbilisi

Architect
Sander Douma Architecten BNA, Stompetoren

Principal
Local Georgian investors

Date
Installed during spring/summer 2009

Material & Finish
Approximately 80 m Accoya® wood 50 x 125 mm machined to 45 x 35 mm pieces. The total length of these pieces is 39,000 m.