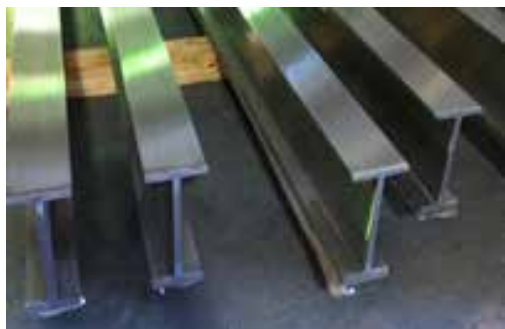




## Fassade for University dairy plant



<b>Profile:</b>	<i>Special Custom Beams</i>
<b>Material grade:</b>	<i>304 / 304L</i>
<b>Execution:</b>	<i>Laser fused &amp; polished</i>
<b>Industry served:</b>	<i>Architecture, Building &amp; Construction</i>
<b>Destination:</b>	<i>Cornell University, NY, USA</i>



Cornell University's College of Agriculture and Life Sciences broke ground on the renovation of the 88 year-old home of its Department of Food Science building, Stocking Hall, in September 2010. Included in the \$105 million renovation of the state-of-the-art research facility was a new dairy plant and a new home for the landmark Cornell Dairy Bar.



The 1130 square meter dairy plant is a centerpiece for undergraduate and graduate instruction in food science and it is utilized in dairy foods research and production. According to the University, the dairy produces roughly 530'000lt. of milk, 75'000lt. of ice cream, and 15'000lt. of yogurt and pudding a year. With this amount of food research and production taking place in the dairy plant, it was important to choose a material that would be durable, sanitary, and easy to clean. Stainless was the right material to choose.

The project features over 13.2 ton of custom laser fused stainless steel beams produced with custom flange widths and thicknesses. The stainless structural sections support a glass facade and are polished with a grit

240 finish as required by the building specification. The structure consists of 42 beams, 9120mm long.

The team of consultants worked together to ensure that the custom stainless beams were produced, polished and delivered to Cornell in the allotted 10-week production schedule required to meet the project deadline.

