Zahner Factory Expansion

Location: Kansas City, Missouri, USA

Architect: Crawford Architects
Owner: N/A
Building Type: Industrial
Year of completion: 2011
Climate: Humid Subtropical Climate
Material of interest: woven metal
Application: Exterior Façade

Properties of material: The final graphite concept sketch drew inspiration from multiple patterns to create a form that was specific to the proportions and context of the expansion. Once the sketch was complete, a computer based algorithm converted the sketch’s tonal values into a 3-dimensional digital surface model of the façade. The resulting form grows out of the rigid, solid geometry of the existing building’s east façade with a single sweeping motion, and increases in complexity as it moves around the corner to the west, paying tribute to both Zahner’s past and future.

Sources:
http://www.archdaily.com/169206/