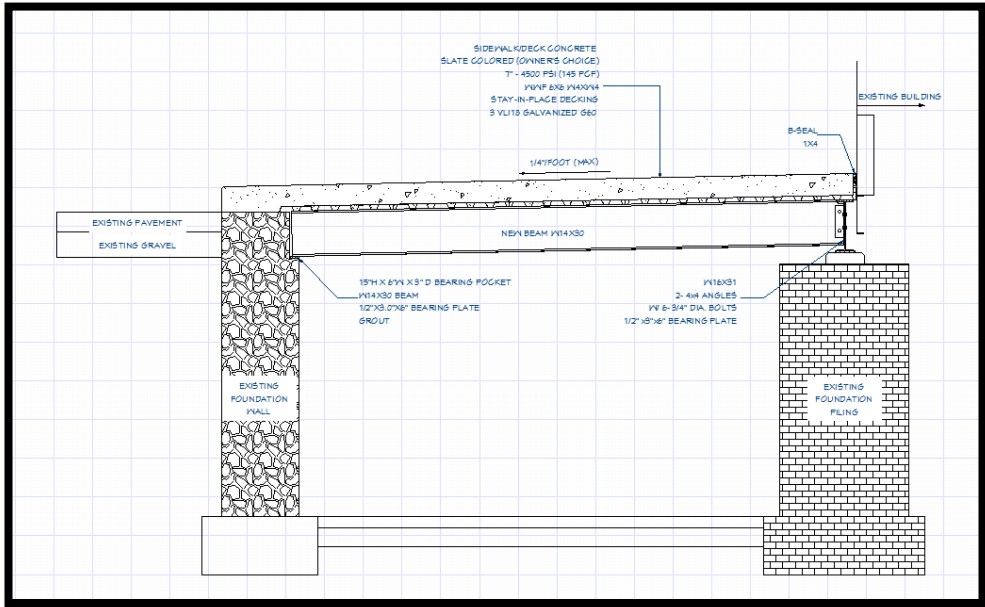


# CHENANGO STREET SIDEWALK



**PROJECT LOCATION**  
BINGHAMTON, NY

**CLIENT:**  
MR. CHIP HUNT

**CONTACT:**  
MR. CHIP HUNT  
607-771-6026

**YEAR COMPLETED:**  
2014

**ESTIMATED COST:**  
\$.100 M

Beset by warnings from the City, and worried about the potential for collapse, Mr. Hunt called Doak Engineering design, PC to design the replacement of his severely deteriorated roof/sidewalk in front of his business.

Mr. Hunt's basement extends to the curb-line while the main building sets back 16' with the Cities sidewalk crossing over the top of it, apparently the result of a ROW dispute of long ago. Regardless, Mr. Hunt faced the challenge and cost of replacing the roof/sidewalk while maintaining sidewalk and business traffic during construction.

We placed a new fiber-reinforced seven (7) inch concrete roof/sidewalk supported by stay-in-place forms and new structural steel framing. During construction, we designed a temporary bridge to maintain traffic to the business while we designed a Maintenance & Protection Plan to maintain sidewalk through-traffic. We placed temporary concrete barriers around the sidewalk opening to prevent errant vehicles from falling into the basement and protective railings to prevent falls from the curious on-lookers. We also constructed a temporary basement security wall to thwart would-be thieves.