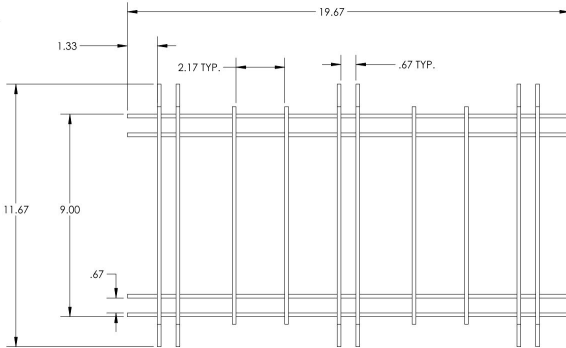
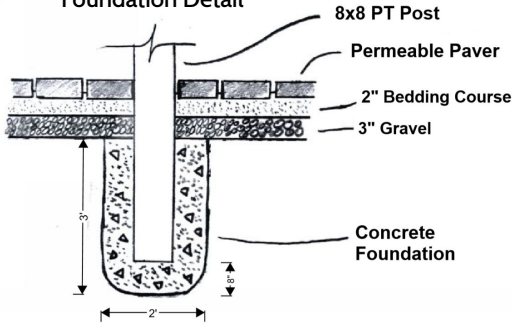


# Design and Pre-Construction Services for an Outdoor Patio and Pergola

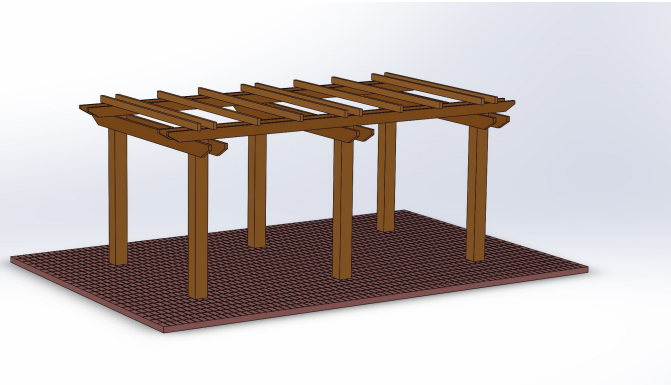
**Key Words:** Outdoor Pergola, Preconstruction, Design, Permeable Pavers, Shade Structure

Planning a project in any industry is one of the most important steps of the process. In the construction industry, the quality of work completed during the preconstruction phase of a project can be the difference between a successful and unsuccessful project. As construction shifts towards an industry of specialization this becomes more and more clear. No one step is more important than the other. This project outlines the steps of designing an outdoor pergola with a permeable paver system as well as providing pre-construction services. Allowing for another student to pick up the guide and build the structure in the future.

Foundation Detail



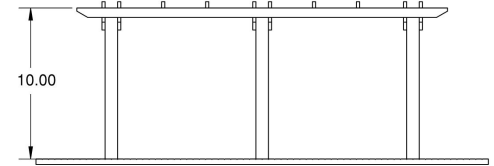
Plan View



Cost Breakdown



North Elevation



West Elevation

