



The first tire at the base of the pier is placed on gravel below the level of frost. The straps tie the pier together.

The first tire is carefully leveled to ensure a straight column



A gravel/earth mixture is pounded into the rim of each tire by sledgehammer. Gravel is tamped into the centre and we backfill around each course of tires to stabilize the pier.

A concrete cap is poured on the top  
tire of the pier, and a metal knife plate  
will accept a wooden post.

The first tire pier awaits the curing of the concrete cap.

The last pier in the row gets a concrete cap and metal plate





A wooden post  
is raised on the  
tire pier



The wooden post  
is bolted through  
the metal knife  
plate, completing  
the pier  
foundation





The tire piers  
bear the  
weight of a  
timber frame  
and a living  
roof

The entire green roof and timber framed outdoor stage sits on tire piers

