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

The Arts Centre Hastings in Madoc, Ontario