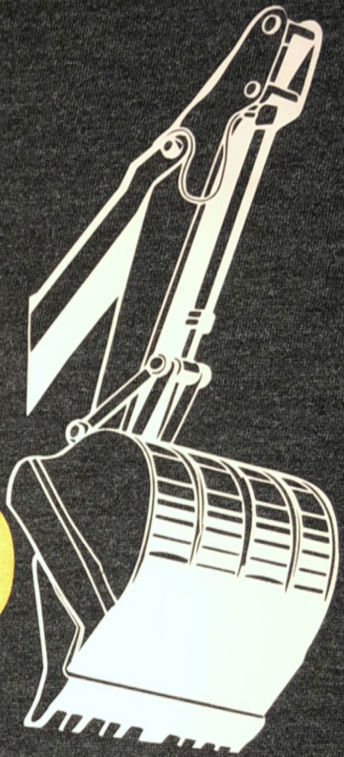RIBEIRO TP