

PROJECT PROFILE:

PRESS FOUNDATION

When a Chicago utility hardware manufacturer was in the process of putting together a budget to purchase and install a previously owned 1600 ton forge press, they came to Raffin Construction to handle the foundation work.

The foundation was approximately 30' x 15' by 8' deep. This press foundation required an access and containment pit below the press. The embedded steel included two W12 x 84 beams to receive the press' large anchor assemblies



The existing soil conditions required us to over excavate the foundation and install 3 inch diameter stone over a geo-textile stabilization mat to allow the existing soil to accept the dynamic press loading. By



being involved in the budgeting process, Raffin was able to supply all the necessary pre-engineering required to ensure a quality finished product as well as providing value engineering to meet the required budget and schedule.