



RAFFIN
CONSTRUCTION CO.

QUALITY CONSTRUCTION
SINCE 1916

PROJECT PROFILE:

PRESS PIT

A steel processing company was looking to install a 3,800 ton press which it had purchased and was in the process of reconditioning. Raffin Construction was chosen to install the foundation, trenches and floor slab for the press. The base of the press foundation was located 18' below grade along the building and crane columns. Raffin installed a soldier pile sheet system to protect the existing foundations to allow for the excavation of the foundation.



The pit base was 3' thick with 3 layers of rebar. The press was secured to the piers in the pit with 2.5" diameter anchor bolts. The tolerances for the anchor bolts were 1/8". The pit walls, trenches and slabs were cast within a tight schedule to allow proper cure time prior for the installation of the press.