

## PROJECT PROFILE:

### PRESS PIT



A steel processor chose Raffin Construction to construct the 40' x 20' x 15' deep press pit foundation for their new 1500 ton stamping press. The press pit foundation was constructed inside an existing building within 5 feet of the existing building column foundations.

Raffin Construction fully designed the required 18' deep earth retention shoring system and utilized specialized equipment in order to install the shoring inside the existing building.



The foundation was constructed of heavily reinforced concrete with a three foot thick base, 2 feet thick walls and concrete pedestals on which the press sits. Press foundation work included a foundation for an automatic die changing system.



All work was completed to meet a tight delivery schedule for the press installation.