

**PROJECT: EMPIRE DISTRICT ELECTRIC HEADQUARTERS
 ARCHITECT: BLACK & VEATCH
 JOPLIN, MO - PLATE #23**

The architect's objective was to design a masonry office building as economically as possible with a brick and stone veneer and metal stud wall backup.

The manufacturer provided Cast Stone belt courses, sills, watertable, keystone and a massive entry arch (not shown) in a special grey color to contrast with the common red and orange brick, resulting in a 25% cost savings over other materials while creating the maximum design look.

All trim pieces were anchored with 1/4" stainless steel rods (see page 81 for anchor details). The massive arches contained 1-1/4" sleeves precast into the stone to receive 1" rebar. The sleeves were then epoxy injected.

Continuous anchor slots cast in the sides of the stone allow for anchoring without the need to pinpoint locations in the field or on the shop drawings.

