

# MASONRY & HISTORICAL RESTORATION

**Project:** SEALY – HUTCHINS BUILDING  
Galveston, Texas

**System:** Master Builder's R-350  
Galvanized Plates

**Completed:** 1999 and 2001




Constructed in the 1800's, the Sealy – Hutchins Building sits on the corner of The Strand and 23rd Street in Galveston.

Subjected to salt laden air and moisture over the last 100 years, micro cracks in the red sandstone allowed expansion / contraction leading to spalls of the architectural facade.

Mobile's crew matched the color of surrounding sandstone and rebuilt the spalled areas to match the original surface contours, texture and color.

At a later date, the brick arch supporting the overhead of the door had fallen, cracking the sandstone soffit, molding and façade panels. Mobile crews removed 4 four hundred pound façade stones, drilling and pinning members, and installed a 1" thick angle. We then replaced all façade stones which were removed and patched all work areas to match the original color and texture of the 1800's materials. The photos show the exact match and no evidence or repair work.

The most aggressive work performed on this structure involved reinforcing the corner entry of the building. Mobile crews cut a 1 1/2" wide x 2'0" deep x 10'0" long "slot" into the red sandstone stones from the bottom up. An 8'6" x 14" x 1" thick galvanized steel plate was then inserted into the slot and doweled into place with SS all threads. Voids were filled and repaired. Other existing spalls and damages were repaired and all surfaces were restored to match the original red sandstone texture and color. Again, no evidence of the major structural repairs are evident.

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