

ZAGROS

CONSTRUCTION

TWO CORPORATE DRIVE, SUITE 234
SHELTON, CONNECTICUT USA 06484

D. IMPACT LOAD TESTS

Impact load tests are reported in Series D-1 below.

Description of Apparatus.

Apparatus consisted of one course of masonry units surmounted by a 2 x 4 bearing plate supporting each end of a horizontal specimen approximately 9" clear of the floor, and a vinyl bag containing 60 pounds of sand, taped with duct tape to maintain the presenting face of the sandbag at 10" diameter.

Procedures.

The specimen was placed on the supports, described above, and the sandbag was dropped on the specimen's midpoint from a height of 48" above the specimen's top surface. The specimen was then examined for evidence of damage.

Results.

Series D-1:

Three specimens were tested. The specimens were unclad, 48" wide x 96" long, with channel reinforcement at both third-points of its width. There was no interior pipe column reinforcement.

None of the three specimens tested showed evidence of damage.