

2004 AWARDS COMPETITION WINNERS



Most Innovative Move



Northeast Building Movers, Inc.
North Hampton, New Hampshire



Eddy N. Couturier

Northeast (NBMI) was contacted to raise a 740 tons brick mill building 28' to allow for construction of a new three story steel frame structure upon which the building would set. The amount of cribbing and bracing required to perform the lift seemed excessive, so NBMI devised a simpler method in order to minimize crib heights.

A plan was developed that would allow the structure to be raised in a modular fashion. A new floor would be constructed under the building, one level at a time. The building would then be raised another level to allow construction of the next floor. This was accomplished three times.

Essentially the structure was raised on traditional main beams and cross beams. The brick walls were supported on screw jacks and needles, thereby allowing installation of a new permanent steel perimeter support. After the initial lift of the building....

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The building prior to beginning of construction. Note stairs leading to the first floor. The ground level is used as a basement.



After raising one floor