CINTEC
REINFORCEMENT SYSTEMS

Case Study

Maintaining a building's structural integrity:



110 Horatio Street

Manhattan, NY

Project Highlights

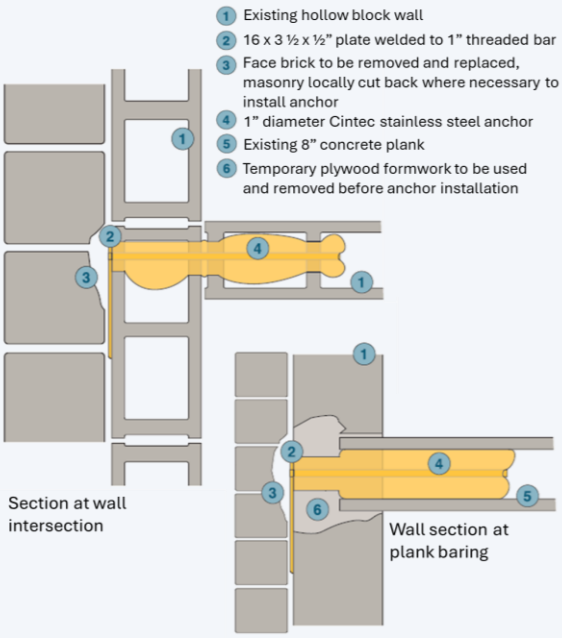
8 stories / 33 units

The outcome:

Reattachment of vertical walls and concrete flooring to prevent further separation

Completion date: 1998

About 700 Cintec anchors



This luxury condominium had only recently been completed when **gradual separation between the concrete plank flooring and the vertical walls was discovered**. The issue posed a serious risk to the structural integrity of the building, raising the real possibility of demolition.

To address this, approximately 700 **Cintec anchors** were used to resecure the concrete flooring to the supporting walls. These anchors were drilled into the concrete plank and equipped with 16 x 3.3-inch front plate attachments that **acted as a strong locking mechanism**. These attachments effectively bridged the gap between the floor and the walls, **ensuring stability and preventing any further separation.**

The intervention was designed to be discreet. To ensure the repairs remained invisible, meticulous care was taken to match and reinstall the outer brickwork, leaving no visible trace of the anchoring work.



The implementation of the Cintec solution not only **saved the building** from potential demolition but also allowed the condominium to **maintain its durability and aesthetics,** by combining structural reinforcement with architectural sensitivity into a creative solution.