



## BALCONY REPAIRS

### DR. NORMAN COTTON HOMES & REV. WILLIAM GRIFFIN HOMES Paterson, New Jersey

**OWNER:**

Housing Authority of the City of Paterson

**COMPLETION DATE:**

2009

**REFERENCE:**

Mr. Wilfredo Vazquez  
Director of Modernization & Development  
(973) 345-5340

Aparri Engineering, LLC provided design services, contract administration and construction inspections for the repair of two hundred and eight (208) balconies at NJ21-7, Dr. Normal Cotton Homes and NJ21-8, Rev. William Griffin Homes.

The scope of services included the following :

- Measurements and surveys.
- Preparation of construction contract documents.
- Detailed cost estimating.
- Assistance during the bid process.
- Construction inspections to ensure compliance with contract documents.
- Preparation of punch list.
- Project close-out.

The repair and rehabilitation addressed the following items:

- Broken concrete corners
- Moderate to severe concrete spalling
- Exposed and corroded reinforcements
- Concrete dusting, scaling and other delaminations
- Corroded railing posts
- Deteriorated posts, rails and infills
- Popping out of unsuitable patching material
- Water staining

