



Key West International Airport
Key West, FL
305-296-5439

URS Corporation
7650 West Courtney Campbell
Causeway
Tampa, FL 33607-1462

Ms. Deborah Murphy
Senior Project Manager
(813) 286-1711

Construction Costs:
\$1.4 million (including window
and door replacements, air
conditioning upgrades, as well as
ceiling and wall treatments.)

Project Completion:
2000-2003 (44 Dwelling Units,
Phase 1 & Phase 2)



Key West International Airport Residential Sound Insulation Program

Key West, FL

Summary of scope of work:

The Jones Payne Group served as the Program Architects and Construction Administrators / Inspectors for the Key West Residential Sound Insulation Program. Initially retained by URS Corporation, The Jones Payne Group provided architectural and engineering services for the 22-house pilot phase of the program. Jones Payne assisted in the development of a Sound Insulation Program Manual, including program objectives, design and construction process, acoustical treatment protocols, project administration and reporting. Jones Payne was retained to provide Design and Construction Administration services for an additional 22 houses, the first phase of a 350-house long-range program.

Services Included:

- Policy and Procedure Manual creation
- Product and Code research
- Architectural and Engineering services from Design through Construction Administration
- Existing Conditions / Assessment Visits
- Homeowner Concept Packets
- Acoustical Treatment Recommendations
- Specifications, Details
- Bid Documents and
- Construction Observation
- Resident Inspection

Responding to the unique conditions of Key West, such as the architectural character of the area's housing, severe hurricane impact zone requirements, and complicated construction logistics; The Jones Payne Group worked with manufacturers to develop acoustically rated treatments that also met the Hurricane Code for wind and storm impact. Special dual aluminum windows, steel doors and hurricane shutters were a key part of project specifications, becoming one of the first sound insulation programs in the country integrating acoustic products with products designed to withstand hurricane force wind loads. The Key West RSIP is an example of Jones Payne creating the policies, procedures, methods, treatment protocol, selection of specified materials, and contracting methods that are best-suited for a program requiring specialized procedures or products that will perform acoustically while meeting stringent building code requirements.
