

JACK ERDOZAIN, P.E.

PROFESSIONAL REGISTRATION:

Professional Engineer licensed in the State of Florida.

EDUCATION:

Bachelors of Science in Civil Engineering from Florida International University.

PROFESSIONAL EXPERIENCE:

Mr. Erdozain has been involved in numerous condition surveys and structural mitigation and restoration projects. Such projects have included major concrete restoration to balconies, parking garages and residential units and repair / replacement of waterproofing to plaza decks. He has created roofing, waterproofing, painting and concrete restoration specifications for several condominiums and provided contract administration and site visits. He has been involved in hurricane evaluations of existing buildings, 40-year recertification, investigation and resolution of moisture intrusion problems and investigation of the damage caused by Hurricane Andrew. Mr. Erdozain was the lead engineer on the Puerto Rico - Humberto Vidal Building collapse. He assisted local officials in emergency building hazard mitigation as part of the FEMA response team. Mr. Erdozain also responded to the World Trade Center collapse and was one of the engineers, which assisted in rescue efforts for Florida Task Force 2 Urban Search and Rescue Team. He has been the Project Engineer on structural design projects ranging from single family residences to commercial facilities to multistory buildings. He is also retired from the City of Miami Fire Rescue where he served for 34 years and reached the rank of Fire Captain.

Mr. Erdozain has provided specifications and in responsible charge of various projects that include:

- *1000 Venetian Paint and Window Replacement Project*
- *Bristol Tower Painting and Restoration Project*
- *Mosaic Condominium Painting and Restoration Project*
- *Three Tequesta Painting and Restoration Project*
- *Towers of Key Biscayne Window Replacement Project*
- *Williams Island 3000 Pool Restoration Project*
- *Williams Island 4000 Pool Restoration Project*
- *Carbonel Painting and Restoration Project*
- *The Courts Painting and Restoration Project*
- *Ocean II Condominium Pool Deck Waterproofing Replacement*
- *Ocean II Condominium Railing Replacement Project*
- *Williams Island 2600 Expansion Joint Replacement Project.*
- *Williams Island 1000 Pool Waterproofing Project*
- *Two Tequesta Point Condominium Stucco Repair and Painting Project.*
- *Balcony railing replacement at Williams Island 4000.*
- *Williams Island 4000 Roofing Project*
- *Williams Island 2800 Expansion Joint and Planter Waterproofing Project*
- *Biltmore II Parking Garage Deck Waterproofing and Post-Tension Replacement*
- *1000 Venetian Roof Replacement Project*
- *Coral Way Village Condominium Roofing Project*
- *Leeward Point Condominium Roofing Project.*
- *REM Learning Center, Miami, and U-Haul Warehouse, Miami with Mateu Carreno Rizo & Partners.*
- *Wachovia Bank Expansion – Miami Lakes*
- *Re-roofing of Metro Rail Train Stations with Dade County.*
- *Wachovia 167 Street Bank Expansion Project*
- *Faith Church of the Redlands with Mateu Architecture*

OTHER ACTIVITIES:

Member, Florida Structural Engineers Association

List of Projects for Jack Erdozain, P.E.

(Listed from oldest to latest)

1. Southern Bell Airport S.O.C., Dade County, Florida.
Project Engineer. Completed.
Performed structural design and observations of single story office facility with concrete tie beam/ tie column construction and steel bar joist, metal deck roof structure.
2. REM Learning Center, Dade County, Florida.
Project Engineer. Completed.
Performed structural design and observations of single story 10,000 square foot day care facility with concrete tie beam/ tie column construction and steel bar joist, metal deck roof structure.
3. Southern Bell South Florida Training Center, Dade County, Florida
Project Engineer. Completed.
Performed analysis of existing structure to determine resistance to hurricane conditions. Design of retrofit to meet new SFBC wind loads according to ASCE 7-88.
4. Luminaire Warehouse, West Dade, Dade County, Florida
Project Engineer. Completed.
Performed structural design of 40,000 square foot warehouse facilities consisting of tilt-up walls and steel bar joist roof framing and 4,000 square foot 2 story office building consisting of steel braced frame construction.
5. U-Haul Warehouse, Dade County, Florida
Project Engineer. Completed.
Performed structural design and site observations of two-story storage warehouse type facility.
6. World Savings Bank, Naples, Florida
Project Engineer. Completed.
Performed structural design of 4,000 square foot single story bank with a 29' vertical concrete masonry wall used as signage.
7. Leeward Point Condominium, Dade County, Florida
Project Engineer. Completed.

Performed study to determine necessity for new roofing and produced specification for new roofing system of approximately 26,000 square feet. Performed subsequent observations.

8. Metrorail Reroofing and Lightning Protection, Metro-Dade Transit Authority, Dade County, Florida. Project Engineer. Completed.
Design of drawings and specifications for the installation of a new roofing system for 19 Metrorail station canopies and ancillary facilities.
9. 41 Casaurina Concourse, Coral Gables, Florida
Project Engineer.
Design of reconstruction of roof frame structure of 12,000 square foot residence heavily damaged by hurricane Andrew. Provided expert witness testimony for arbitration hearing due to construction defects found.
10. HARP Projects for Dade County Aviation Department, Dade County, Florida.
Project Engineer.
Performed structural design of steel aircraft hangers at Tamiami Airport and Homestead General Aviation. Project consisted of development and design of structural drawings and specifications showing minimum design requirements for metal building manufacturers to bid. Foundation consisted of monolithic type slab. Steel framing was designed to withstand 150 mph. wind loads.
11. Heatherwalk Condominium, Miami, Florida.
Project Engineer
Association's representative during reconstruction of condominium consisting of 9 two story buildings after damaged by hurricane Andrew. Duties consisted of determining the extent of repairs required, design of repairs, report on damages, repair inspections, truss repairs, and contract administration. Provided expert witness testimony with regards to repairs performed and contract administration.
12. Sonoma Lakes Condominium, Miami, Florida. Project Engineer
Association's representative during reconstruction of condominium consisting of multiple two-story buildings damaged by hurricane Andrew. Duties consisted of determining the extent of repairs required, design of repairs, report on damages, repair inspections, and contract administration.
13. Lennar 3 Lakes Residential Project, Dade County, Florida.
Project Engineer. Completed.
Performed structural design of 6 single family residences and models.
14. La Estancia HUD Project, Hillsboro County, Florida
Project Engineer. Currently under construction.
Performed structural design for low cost single story residential facility.
15. Puerto Rico / Humberto Vidal Building Explosion
FEMA - Incident Support Team Structures Specialist
6 story structure which exploded apparently due to gas buildup. First Structural Engineer

from FEMA on the scene. Assisted on site officials in mitigating hazardous structural conditions so rescue team could attempt to rescue trapped victims.

16. McMillen Residence, 6830 Cartee Road, Miami, Florida
Inspected and designed retrofit repairs for 5,500 square foot luxury residence which had not been constructed in accordance with contract documents. Provided expert witness testimony at arbitration hearing.
17. Bond Residence, 265 Toll Gate Road, Islamorada, Florida
Inspected and identified code violations on tile roof installation. Provided expert witness testimony in depositions and trial.
18. Bonner Residence, 10201 SW 55 Avenue, Miami, Florida.
Inspected and identified code violations on flat roof installation for 10,000 square foot residence. Currently under negotiation with contractor and possibly heading to trial.
19. High Rise Luxury Condominium Engineering Turnover Reports

Villa Calabria Condominium, Coral Gables
Williams Island 1000, Aventura, Florida
Williams Island 3000, Aventura, Florida
Williams Island 4000, Aventura, Florida
Williams Island Mediterranean Village, Aventura, Florida
Mystic Point 200, Aventura, Florida
Jockey Club, Miami, Florida
Park Beach Condominium, Miami Beach, Florida
Carriage Club Condominium, Miami Beach, Florida
The Hamptons, Aventura, Florida
20. Commercial Center Buildings C & D Roof Replacement. North Miami, Florida
Project Engineer. Completed
Developed roofing specifications for 110,000 square foot warehouses and subsequent observations.
21. Coral Way Village Condominium Association, Miami, Florida
Project Engineer. Completed.
Developed roofing specifications and structural repairs for 40,000 square foot condominium complex and subsequent observations.
22. Williams Island 1000 Roof Deck Design
Project Engineer. Completed.
Design and development of roof decking for high-rise luxury condominium.
23. Coral Way Village Structural Repairs

- Project Engineer. Completed.
Designed and developed repairs of an unsafe structural condition (failing slab supports) in 3 story condominium.
24. Greentree Condominium Roofing Project
Project Engineer. Completed.
Performed duties as Association Representative during \$620,000.00 roofing project.
 25. Williams Island 2800 Waterproofing and Expansion Joint Project
Project Engineer. Completed.
Performed duties as Association Representative during waterproofing and replacement of expansion joints of high-rise luxury condominium. Project cost \$250,000.00
 26. Collins Manor Condominium
Project Engineer. Completed.
Designed repair criteria for spalled areas of concrete and replacement of concrete railings. Project cost \$60,000.00
 27. Dupont Plaza Apartment Concrete Restoration
Project Engineer. In progress.
Design of concrete restoration throughout parking garage.
Project cost \$350,000.00.
 28. Williams Island 2800 Expansion Joint and Planter Waterproofing Project
Project Engineer. Completed.
Designed expansion joints and planter lining and performed in progress site visits during the project. Project Cost \$300,000.00
 29. Williams Island 1000 Fountain Expansion Joint Repair
Project Engineer. Completed
Designed repair of complex expansion joint configuration.
Project Cost: \$70,000.00
 30. World Trade Center Collapse Search and Rescue
Structure Specialist
Performed structural assessment of collapsed structures and assisted on scene in the removal structural members and performed search and rescue. Spent 10 days on the site.
 31. Admiral Tower Balcony Repair
Project Engineer. In Progress
Design repair of spalled concrete railings and slabs.
Estimated cost: \$100,000.00
Completed.

32. Hernandez Torano Residence
Structural design of one story 6,000 square foot residence and guest house.
Estimated cost: \$700,000.00
Completed.
33. Diaz Residence
Structural design of two story 9,000 square foot residence and guest house.
Estimated cost: \$2,000,000.00
Completed.
33. Gomberg Residence
Structural design of two story 9,000 square foot residence and guest house.
Estimated cost: \$5,000,000.00
Completed.
34. Wachovia Miami Lakes Bank Expansion
Structural design of expansion of one story bank building.
Estimated cost: \$500,000.00
Completed.
35. Wachovia 167 Street Bank Expansion
Structural design of expansion of one story bank building.
Estimated cost: \$500,000.00
Completed.
36. Faith Church of the Redlands
Structural design of church sanctuary and classrooms.
Estimated cost: \$1,200,000.00
Completed.
37. Quayside Expansion Joint and Concrete Restoration Project
Specification for the replacement of expansion joints and concrete restoration.
Estimated Cost: \$300,000.00
Completed.
38. Boston Plaza Concrete Restoration Project
Concrete restoration to balconies at high-rise condominium in Miami Beach
Estimated cost: \$200,000.00
Completed
39. Wachovia – Key Biscayne
Structural design of new 2 story bank structure.
Estimated Cost: \$1,500,000.00
Completed.

40. Two Tequesta Point Stucco Repair and Painting Project
Performed observation services for repair of delaminating stucco and painting of structure.
Estimated Cost: \$300,000.00
Completed
41. Williams Island 1000 Pool Waterproofing
Designed waterproofing repairs large pool over parking garage.
Estimated Cost: \$180,000.00
Completed.
42. Williams Island 2600 Expansion Joint Replacement
Designed expansion joint replacement for parking garage at high-rise condominium.
Estimated Cost: \$180,000.00
Completed.
43. Biltmore II Deck Waterproofing and Post-Tension Repairs
Designed waterproofing and post tension cable repairs for large concrete deck over parking garage and expansion joint replacement.
Estimated Cost: \$3,000,000.00
Completed.
44. 1000 Venetian Re-roofing Project
Re-roofing of 2 towers and 4 lower roofs at high-rise condominium.
Estimated Cost: \$400,000.00
Completed.
45. Seacoast 5700 Balcony Repairs
Design and observation services for balcony repairs due to corrosion.
Estimated Cost: \$1,000,000.00
Completed.
46. Dadeland Grove Roofing Replacement
Design of roofing and bid specifications for roof replacement.
Estimated Cost: \$800,000.00
Completed.
47. 1000 Venetian Pool Deck Waterproofing
Replace waterproofing on pool deck..
Estimated Cost: \$1,000,000.00
Project on hold.

48. 1000 Venetian Seawall Repair Project
Repair approx. 1000 feet of seawall spalling and failed piles and tie backs.
Estimated Cost: \$1,000,000.00
Project on hold.
49. Ocean II Balcony Railing Replacement
Replacement of existing balcony railings to aluminum – glass railings.
Estimated Cost: \$3,000,000.00
Completed.
50. Williams Island 4000 Balcony Replacement Project
Replacement of concrete balcony railing with aluminum / glass railings.
Estimated Cost: \$2,000,000.00
Project under construction.
51. Villa Calabria Turnover Report
Turnover Report for new 6 story condominium in Coral Gables.
52. Town and Country Mall Re-roofing Project
Design of replacement of roofing at Section 4 of mall.
Estimated Cost: \$150,000.00
Completed.
53. Venetia Cooling Tower Framing
Design of cooling tower support for high-rise condominium.
Estimated Cost: \$200,000.00
Completed
54. Grand Bay Residences Cooling Tower Replacement
Design of cooling tower support for high-rise condominium.
Estimated Cost: \$200,000.00
Bidding Phase
55. St. Louis Condominium Cooling Tower Replacement
Design of cooling tower support for high-rise condominium.
Estimated Cost: \$200,000.00
Completed
56. Brickell Key II Cooling Tower Replacement
Design of cooling tower support for high-rise condominium.
Estimated Cost: \$200,000.00
Completed

57. One Island Place Re-roofing Project
Perform roofing observations during roofing replacement.
Estimated Cost: \$470,000.00
Completed.
58. Bristol Tower Deck Waterproofing Project - Phase 1
Partial replacement of waterproofing and expansion joint on plaza deck.
Estimated Cost: \$500,000.00
Completed. Robert Samuel - Property Manager - (305) 856-2200
59. Quayside Tower II Pool Pump Room Replacement Project
Replacement of pump room concrete deck and concrete spall repairs to adjacent structural elements.
Cost: \$165,000.00.
Completed.
60. Ocean II Deck Waterproofing Replacement Project
Replacement of plaza deck waterproofing.
Estimated Cost: \$2,500,000.00
Completed. Mr. Ron Singer - Property Manager - 305-466-4133
61. Olympus Condominium Painting and Balcony Waterproofing
Painting of 1000 unit condominium structures and balcony waterproofing.
Estimated Cost: 1,500,000.00
Completed.
62. Seacoast 5700 Marina Repairs
Repair of spalls at sundeck over the water. Repair included deck and columns in the water.
Estimated Cost: \$25,000.00
Completed.
63. Del Vista Towers Pool Restoration
Repair of spalled pool structure over FPL vault.
Estimated Cost: \$480,000.00
Completed.
64. Marina Towers Concrete Restoration
Inspection and design of repairs of spalled concrete on balcony decks.
Estimated Cost: \$750,000.00
Completed.
65. Marina Towers Balcony Railing Replacement Inspections
Inspection of the installation of new aluminum / glass balcony railings.

Estimated Cost: \$1,600,000.00

Completed.

66. Williams Island 2800 Pool Deck Waterproofing Replacement and Restoration
Design of replacement of waterproofing of 32,000 sq. ft. pool deck and restoration.
Estimated Cost: \$4,000,000.00
Completed. Diane Matus - Property Manager - (305) 937-1091
67. Williams Island 2600 Pool and Trellis Restoration
Restoration of pool shell including waterproofing and replacement of wood trellis.
Estimated Cost: \$350,000.00
Completed.
68. Williams Island 7000 Expansion Joint Replacement
Design and inspection of the replacement of expansion joint at pool deck.
Estimated Cost: \$100,000.00
Completed. Pat Pisano - Property Manager - (305) 931-7716
69. Bristol Tower Parking Garage Waterproofing Replacement and Restoration Phase II
Design and inspection of the replacement of the waterproofing over the garage. at the driveways and pool deck.
Estimated Cost \$1,500,000.00
Postponed. Robert Samuel - Property Manager - (305) 856-2200
70. Williams Island 2000 Garage Concrete Restoration
Resign of repairs to the parking garage due to spalling.
Estimated Cost \$400,000.00.
Completed.
71. Courts at Brickell Key Painting Project
Contract administration services for painting project at 40 story condominium.
Estimated Cost: \$350,000.00
Completed.
72. Two Tequesta at Brickell Key Courts at Brickell Key Painting Project
Contract administration services for painting project at 40 story condominium.
Estimated Cost: \$350,000.00
Completed.
73. Carbonell Condominium at Brickell Key Painting Project
Contract administration services for painting project at 40 story condominium.
Estimated Cost: \$350,000.00
Completed.

74. Williams Island 2000 Painting Project
Contract administration services for painting project at 30 story condominium.
Estimated Cost: \$500,000.00

75. 1000 Venetian Window Replacement and Painting Project
Drawings and specifications for the replacement of windows in the common area and painting of the structure.
Estimated Cost: \$1,800,000.00
Completed.

76. Bristol Tower Window and Door Replacement Specifications
Window replacement specifications for sliding glass doors, fixed windows and windows at residential units.
Estimated Cost: \$100,000.00 per unit.
Completed.

77. Bristol Tower Shutter Specifications
Developed performance specifications for new shutter installations.
Estimated Cost: Approximately \$50,000.00 per unit.
Completed.

78. Del Vista Paint Project
Performed observations during painting project of 2 high-rise condominium structures.
Estimated Cost: \$780,000.00
Completed

79. Williams Island 3000 Pool Restoration Project
Structural repairs and refinishing of pool structure
Estimated Cost: \$450,000.00
Completed.

80. Williams Island 3000 Bubble Window Replacement
Worked with Association on the contract and replacement of the bubble windows in the building.
Estimated Cost: \$80,000.00
Completed.

81. Bristol Tower Painting Project
Provided specifications, inspection services and contract administration services.
Estimated Cost: \$1,000,000.00
Completed.

82. Bristol Tower Unit 3901 Sliding Glass Door Replacement.
Provided consulting services to Owner and Contractor on the replacement of sliding glass doors for entire unit.
Estimated Cost: \$100,000.00.
Completed.
83. Bristol Tower Dome Roofing Project
Provided specifications, inspection services and contract administration services for reroofing of dome roof over 40 story condominium building.
Estimated Cost: \$500,000.00
Completed.
84. Mosaic Condominium Paint Project
Provided specifications, inspection services and contract administration services.
Estimated Cost: \$450,000.00
Completed.
85. Three Tequesta Condominium Paint Project
Provided specifications, inspection services and contract administration services.
Estimated Cost: \$725,000.00
Completed.
86. Williams Island 4000 Pool Restoration Project
Structural repairs and refinishing of pool structure
Estimated Cost: \$450,000.00
Completed.
87. Towers of Key Biscayne Window Replacement Project
Provide specifications and for the replacement of 4,300 windows throughout condo.
Estimated Cost: \$9,000,000.00
In construction phase.
88. Three Tequesta Unit 3502 Door and Window Replacement
Reviewed submittal for replacement of doors and windows to high-rise unit for Association and inspection of installation.
Estimated Cost; \$50,000.00
Completed.
89. Grove Isle Paint and Restoration Project
Provided specifications for painting and exterior restoration and performed inspections for three high-rise condominiums.
Estimated Cost; \$1,500,000.00
In construction phase.

90. Three Tequesta Unit 2701 Door and Window Replacement
Reviewed submittal for replacement of doors and windows to high-rise unit for Association and inspection of installation.
Estimated Cost; \$50,000.00
Completed.
91. Ocean Marine Yacht Club Paint and Restoration Project
Provided specifications for painting and exterior restoration and performed inspections for high-rise condominium.
Estimated Cost; \$400,000.00
Completed.
92. Williams Island 7000 Deck Restoration Project
Replace waterproofing and amenities over structural decks.
Estimated Cost: \$6,000,000.00
In construction phase.
93. Williams Island 2800 Railing Replacement Project
Replace concrete railings at balconies with glass railings.
Estimated Cost: \$3,000,000.00
In design phase.
94. Turnberry North Railing Replacement Project
Replace concrete railings at balconies with glass railings.
Estimated Cost: \$3,000,000.00
In design phase.
95. St. Louis Railing Replacement Project
Replace concrete railings at balconies.
Estimated Cost: \$2,500,000.00
In design phase.
96. Paramount Bay Paint Project
Specifications for painting and stucco repair of 49 story condominium structure and garage.
Estimated Cost: \$1,500,000.00
In construction phase.
97. Paramount Bay Pool Deck and Pool Restoration Project
Design of pool deck replacement due to deterioration and corrosion and restoration of both the east and west pools.
Estimated Cost: \$750,000.00
In construction phase.

98. 50 Biscayne Paint and Restoration Project
Specifications for painting and stucco repair of 50 story condominium structure and garage.
Estimated Cost: \$1,200,000.00
In bidding phase.

99. Solaris Condominium Paint and Restoration Project
Provided specifications for painting and exterior restoration and performed inspections for high-rise condominium.
Estimated Cost: \$250,000.00
In construction phase.

References:

Ms. Susan Delano
Williams Island 3000 Condominium
(305) 933-4301
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Ms. Monica Velasco, Property Manager
Two Tequesta Condominium
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Mr. Robert Samuel, Property Manager
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