



PROJECT PROFILE

Ambassador's Residence

Dublin, Ireland

Client:
U.S. Department of State
Overseas Building Operations
Arlington, VA

Approximate Construction Cost:
\$1,792,470.00

Year Completed:
June 2009

Services Provided:
Technical Consulting & QAI Services

Contractor:
Competition Roofing, Inc.
Houston, Texas



The U.S. Ambassador for Ireland resides in a residence located in Phoenix Park in Dublin on 62 acres with 3 cottages and gardens. The residence was built in 1776 and the U.S. began occupying in 1927. The residence is 2-stories with masonry load bearing walls, wood framed steep-sloped roofs, and low-sloped roofs on concrete decks encompassing approximately 10,000 square feet. OBO employed PCI to provide technical consultation and quality assurance inspections during the roof replacement.

The existing construction consisted of natural slate on wood battens and felt over wood plank deck on steep-sloped areas and asphalt mastic membrane over concrete/wood decks on the low-sloped areas. The scope of work consisted of removing and salvaging slate; removing battens and felts; repairing/replacing existing wood deck; installing new self-adhering underlayment and wood battens; and installing salvaged or new slates. New copper sheet metal flashings, tin-coated copper coping, gutters, collector heads, and downspouts were also installed. Tin-coated copper batten-seam metal panel roofs were installed to replace sheet lead roof coverings. Tapered insulation and a 2-ply modified bitumen roof membrane was installed on low-sloped roof areas. Work also included repairing masonry chimneys and installing a new roof hatch/ladder.