

## Franklin Delano Roosevelt Memorial

Technical Design Consulting

Washington, D.C.



### CLIENT

Lawrence Halprin, Landscape Architect

### STRUCTURE

The Franklin Delano Roosevelt Memorial, designed by landscape architect Lawrence Halprin for the Franklin Delano Roosevelt Memorial Design Commission, was constructed in 1997. The memorial is located along the Tidal Basin between the Lincoln and Jefferson Memorials. The Roosevelt Memorial consists of a series of outdoor “rooms” commemorating the four terms of Roosevelt's presidency. These outdoor rooms incorporate stone walls, plazas, waterfalls, pools, and planting to integrate with the Tidal Basin landscape features.

### CHALLENGE

WJE was engaged by Lawrence Halprin to provide peer review and technical consulting services for the design and construction of the memorial.

### SCOPE OF SERVICE

Provided technical review, developed details, and prepared technical specifications for a variety of materials including:

- Granite
- Concrete paving and waterproofing
- Flashing
- Drainage systems

### SOLUTION

- Reviewed design documents
- Conducted technical research on construction materials
- Tested proposed construction materials and systems in the laboratory
- Designed and evaluated field mock-ups
- Provided technical consulting services during construction