

MOSCONE CENTER EXPANSION SAN FRANCISCO, CALIFORNIA

The Moscone Expansion project is a 770,000 square foot structural steel building supported by a 4-5 foot thick concrete mat slab. The foundation is three floors underground and the structural steel framework extends through all four levels above ground. Many unique elements are incorporated in the structure interior and exterior to facilitate movable partitions for facility uses. A specially designed window wall is utilized to incorporate a video sign board on the exterior of the building.

Consolidated Engineering Laboratories (CEL) is proud to have been selected as part of the Moscone Expansion Design Build project team. As a team member, CEL provided a staff of special inspectors that provide the onsite engineers with daily information of construction activities and quality of the work. CEL provided supplemental staffing to the City of San Francisco for concrete testing and inspection. During the foundation mat pours, CEL provided inspection staff for more than 25,000 cubic yards of concrete in the field and batch plants. The foundation elements of the structure were completely waterproofed with CEL providing full time inspection. CEL provided all structural steel shop fabrication inspection as well as field erection, welding inspection and fireproofing.

The structural steel fabrication was performed in five locations throughout the U.S. as well as two facilities located in Thailand. CEL provided personnel to each fabrication location for all shifts required on this project.

Client: Moscone Associates LLC (Moscone Associates LLC now dissolved)
John Esposito – (510) 879-8149
(Currently with the Oakland Unified School District)

Architect: Gensler
Clonia Cautis – (415) 433-3700

Structural Engineer: Structural Design Engineers
Rajendra Sahai – (415) 781-1505

General Contractor: Hunt Construction
Tim Smith – (602) 529-9000

Duration: February 2000 – February 2003

Construction Costs: \$191 Million

CEL Fees: \$2.4 Million

