

Structural Steel Project Profile

Institutional Building Frames



Museum of Fine Arts Boston • Massachusetts • USA

This project was a 3-building expansion to the existing Boston Museum of Fine Arts (MFA). Said to be the largest extension undertaken in the Museum's history, the addition added 28% more space, or 133,500 square feet, which is roughly the size of two and a half football fields. Most of the new space was consumed by a spectacular new wing for Art of the Americas, but the project also included: renovations to the European and Ancient World galleries; generous new space for Contemporary and Modern art; redesigned and expanded Museum Learning facilities; the dramatic glass-enclosed Ruth and Carl J. Shapiro Family Courtyard; a larger and more centrally located Sharf Visitor Center; a new central location for the Graham Gund Gallery for special exhibitions; state-of-the-art conservation equipment and work spaces; and newly redesigned main entrances at both Huntington and Fenway.

OSCO supplied and erected over 2500 tons of steel, including 350 tons of painted Architecturally-Exposed Structural Steel (AESS). The AESS consisted of 10 major trusses constructed from plate, which were painted and then welded together end-to-end on site. The complete truss span was 282 feet. There were also many other box beams and box columns all fully assembled from plate. The design featured exposed trusses and boxed columns. Erection required both a tower crane and a mobile crane.

Tonnage: 2500

Customer: John Moriarty and Associates

Owner: Boston Museum of Fine Arts

Structural Engineer: Weidlinger & Associates

Year: 2007

OSCO Ocean Steel

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