

Design Partnering

A unique "Design Partnering" philosophy was conceived, developed and implemented for the overall roof design of the Rose Garden Arena in the new Rose Quarter Complex in Portland Oregon. This "partnering" effort led to the successful completion of the extremely complex structural steel framing. This process started during conceptual design and continued through design development and detailing of the steel and cladding, steel erection, and cladding of the roof system itself. "Design Partnering" was an extraordinary cooperative venture among many parties to achieve a risky commitment made early in the design stage. The parties included the structural steel subcontractor and its detailing/engineering consultant; the roof edge cladding subcontractor and its engineering consultant; the general contractor; the architect/engineer; and the owner. Through many team brainstorming/work sessions, as well as daily informational transfers, the "Partners" jointly developed the geometric requirements, dimensions, details, etc. "Design Partnering" allowed joint problem resolution and achievement of the commitment goal on time and within budget. The Rose Garden Arena roof is a successful design, engineering, and construction effort that is a direct result of a truly dedicated "team" effort and partnering philosophy.

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