

## New England Patriots Pro Shop Facility

### Background

The New England Patriots were in need of a new Pro Shop facility to compliment Gillette Stadium in Foxborough, Massachusetts. Tight timelines and confined working conditions were among several obstacles overcoming the project. With all these parameters it was clear that Signature Structures LLC was the only choice.

### Solution

The Kraft Group entered into a contract with Signature to engineer, fabricate and install a 12,000 sq. ft. custom designed structure. With aesthetics playing a major role in the overall design, it was extremely important that the building take on the appearance of the existing infrastructure. The solution was to incorporate the many aspects of traditional construction into the fabric structure. The inclusions of steel sidewalls, a brick façade, store front glass and custom signage required the integration of specialty side walls. The end result is a building that fits seamlessly into the overall design, an important detail for professional teams and universities.

### Details

The 80' x 150' structure with 20' interior sidewalls was engineered to meet harsh elements of the Northeast. Box steel and 28 ounce PVC membrane ensured compliance to the demanding requirements of a 50 lb snow-load and 100 mph wind-load. Signature designed the foundation to support a custom vertical I-beam truss system that eliminated the need for cables and horizontal purlins, creating a complete unobstructed view. Because it was important that the foundation for the ancillary buildings tie into fabric structure foundation, Signature was also contracted to design the ancillary building foundation. An Interior Liner System complete with R-31 insulation fulfilled the strict Massachusetts Energy Code and an HVAC System ensured an energy-efficient, climate controlled environment. It is evident that the Patriot's structure represents the finest in fabric structure technology.

### Customer Appreciation

Because of the tight construction schedule and extensive event schedule...it was critical that Signature Structures meet our deadlines and have the building completed to meet a June Opening Date. Throughout this process, Signature Structures has met or exceeded the expectations of this organization including receipt of materials on site by May 1, 2007, and building erection completion by May 15, 2007 [7days ahead of schedule]. We would look forward to working with Signature's team again in the future as a result of this experience and would certainly recommend their product and services to other organizations.

- Kevin Luczkow, Construction Manager -



