



Style M417 XL

Architect: ikon 5 Architects
Engineer: Bard, Rao + Athanas
Consulting Engineers

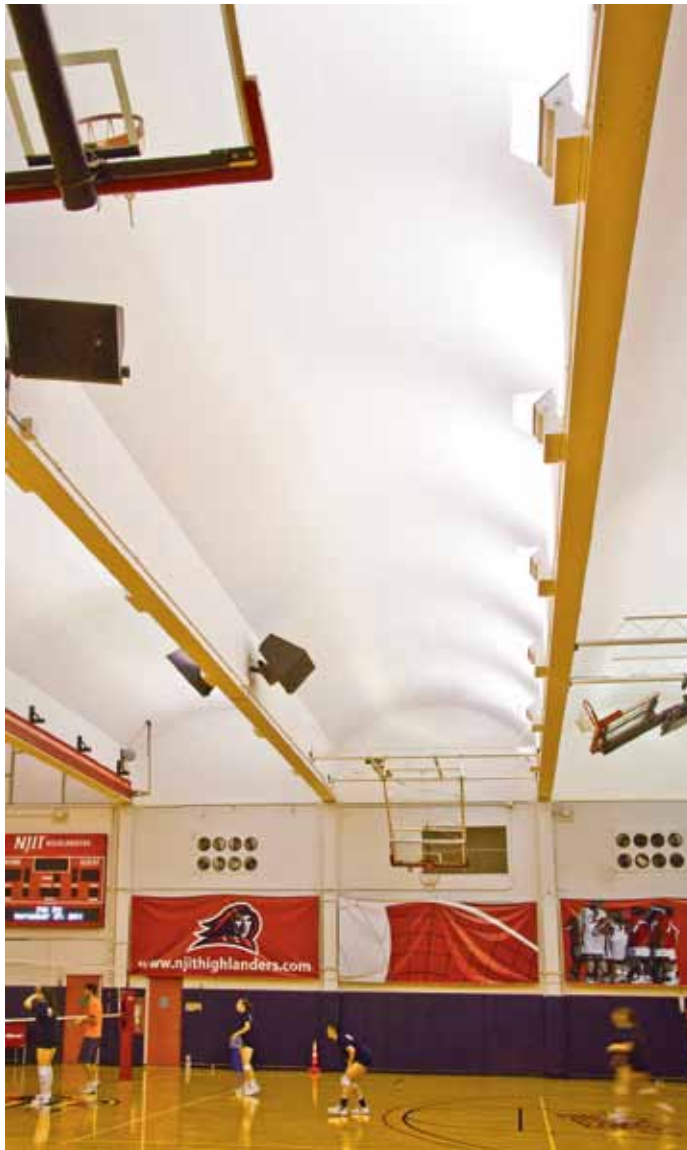
Gymnasium:
Plan: 103' wide x 165' long
Ceiling: Bottom of beams = 22' a.f.f; barrel vaults = 26' to 30' a.f.f.
Lighting: (53) M417-240P-1-P2-A-VX-0 with surface splice box
(10) M417-240P-1-P2-A-VX,VR-0 with halogen restrike
Mounting: 3' below low edge of vault, spaced 13'-6" o.c.
Estimated illuminance: 175 fc/ai on ceiling vaults; 60 fc/ai on court floor
Estimated power density: 3.4 W/sf

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The New Jersey Institute of Technology is a 130 year old university offering its 8200 students 92 undergraduate and graduate degrees from six different schools and colleges. NJIT is also New Jersey's public technological research university, grouping its research under four topical themes: applied sciences and bio-engineering, information and communication technology, materials and material process engineering, and sustainable systems and infrastructure.

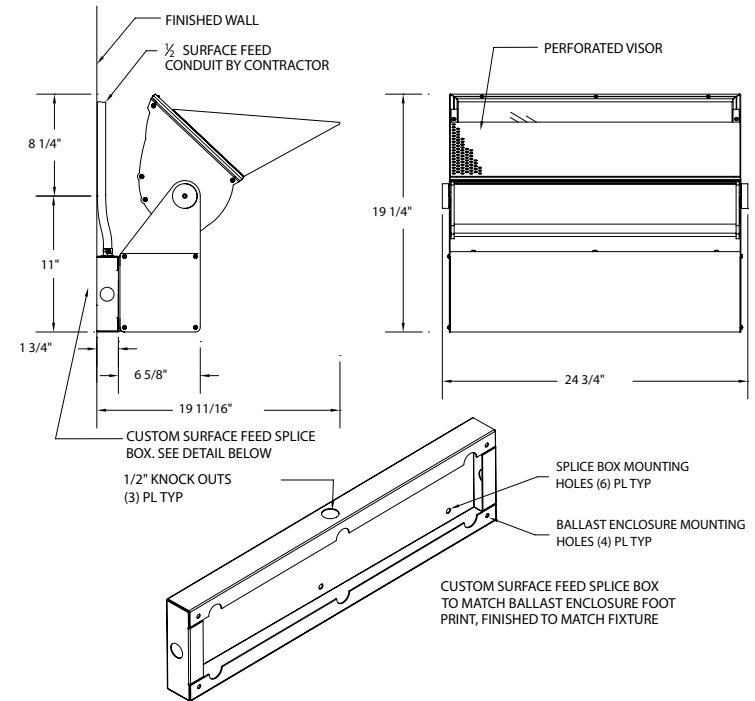
The Fleisher Athletic Center houses NJIT's facilities for basketball, volleyball, swimming, racquetball and fencing, and also offers weight rooms, a fitness center, sauna, training room, and jogging track. Renovations to the basketball court include a new floor, which repositioned the playing area within the gymnasium, plus new lighting, sound system, scoreboards, and baskets. The new arrangement accommodates over a thousand additional seats for spectators.

elliptipar Style M417 XLs illuminate the nine barrel vaults high above the basketball court. Custom mounting brackets were provided to receive direct conduit feeds running along the bottom edge of each crossbeam. The light washes across each white vault from one side, onto the court below, reflecting indirect illumination.



Perforated visors with a translucent liner provide an accent glow to each uplight.

The Lighting Quotient's Customs Department can assist with adapting standard fixture mountings to specific project needs.



Fixtures mounted on crossbeams below nine ceiling vaults.

