

CASE STUDY TENNIS

ABIGAIL HOUSE NEW ALBANY, OH



APPLICATION:..... TENNIS DOME
SIZE:..... 65' W x 118' L (7,670 sq. ft.)
FEATURES:..... DESIGNED TO FIT OVER EXISTING TENNIS COURT
TRANSLUCENT FABRIC PROVIDES NATURAL LIGHT
SEASONAL DOME FOR WINTER ONLY

CHALLENGE

- Cover an existing tennis court at a private residence with an air-supported building.
- Needed to be removed during the summer months for outdoor play.

SOLUTION

- Arizon designed and installed a 7,670 sq. ft. structure over the single tennis court at Abigail House in New Albany, OH.
- The single court dome features translucent fabric, a hang light system for night-time play and energy efficient mechanical equipment to inflate and heat the dome.
- The building is intended for use as a seasonal dome, and is removed each spring so that the court can be used as an outdoor surface in summer.

RESULT

- This resident has a cost-effective, energy-efficient space to play indoor tennis during the winter, which is climate-controlled for maximum comfort.
- The flexibility of the air supported structure design enables the homeowner and family to enjoy indoor tennis in winter without sacrificing outdoor play in spring and summer.



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BUILDING SYSTEMS

(800) 325-1303
11880 Dorsett Road,
St. Louis, MO 63043
ArizonBuildingSystems.com