INTRODUCTION

The 86,000-square-foot Asplundh Cancer Pavilion on the campus of Abington-Jefferson Health in Willow Grove, Pa., provides comprehensive, advanced outpatient cancer treatments. The facility personalizes patient treatment via collaborative teams of oncology physicians and nurses, researchers, and other health professionals. Architecture by EwingCole helps ease patient stress and augment healing in part through its expansive use of glass. Walls of windows flood the interiors with natural light and views into the surrounding healing gardens.

UNIQUE GEOMETRY

AGI glazing contractor R.A. Kennedy & Sons, Inc. performed all of the exterior glazing. The company's scope included two- and four-sided structural glazed curtain wall, traditional curtain wall, aluminum entrances, and custom aluminum trims. The building's unique geometry – actually two buildings connected by a link – features façades that curve horizontally and vertically. The project was highly challenging from a glazing engineering standpoint.

Kennedy Senior Project Manager John Hermansen performed all of the complex engineering. He worked closely with Owner Tom Kennedy, Office Project Manager Bob Kennedy, Field Project Manager Tim Petriccione, Site Superintendent Kevin Kearney, and the teams from EwingCole and construction manager, LF Driscoll.

According to LF Driscoll Project Manager Tom Anderson, the Asplundh Pavilion envelope is comprised of multiple systems including three types of masonry (full-bed natural stone, thin stone, and ground-face CMU), metal panels, and the curtain wall systems. Each assembly had a different depth. Each system and its corresponding substrate had to be properly located at the correct depth and placed along the horizontal and vertical radii so that transitions between systems were smooth and clean.

"Kennedy was integral in that process, not only with the other envelope contractors, but they also spent a great deal of time working with the structural steel contractor reviewing the 3D
In order to gain client approval of the selected frit patterns and panel widths, Kennedy hosted the project team at its shop where a crane hoisted sample glass into the air for real-time review.

“It was a good process,” Tom Kennedy described. “Everyone cooperated and worked together. We couldn’t have gotten through this project and managed all of the different finishes and complex geometry without the collaboration.”