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Tocci and S/L/A/M's Marlborough Hospital project receives high honors

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Tocci Building Companies, The S/L/A/M Collaborative (SLAM), and UMass Memorial Health Care, recently received High Honors at the Boston Society of Architects (BSA) "Healthcare Facilities Design Awards" for their work on the Marlborough Hospital Cancer Center. Notably, this is the first healthcare project completed in New England utilizing Integrated Project Delivery (IPD).

Under the IPD process, a single contract is signed by a project's owner, architect, builder, and major trade contractors. IPD enables all partners to work with increased levels of transparency, cooperation, and collaboration through the design and construction phases. Under an IPD agreement, shared goals drive project success tying the performance of all team partners to one another through shared risk and reward. Ultimately, this form of contract results in high overall levels of productivity, efficiency, and safety.

"We are proud to have been a part of this development, as it represents a milestone in New England's construction industry," said John Tocci, chief enabling officer at Tocci Building Cos. "The Marlborough Hospital Cancer Center is a state-of-the-art facility that offers top-level service, technology, and accommodations. By empowering all parties to work together for the benefit of the project, and supporting lean design and construction practices, we are able to deliver award winning results."

The Marlborough Hospital Cancer Center development had a total cost of \$12.7 million and included a new 14,000 s/f cancer treatment wing, linear accelerator (LINAC) for radiation oncology, CT Simulator for diagnostic imaging, and outpatient medical oncology services.

Installation of the Linear Accelerator and CT scanner required intense coordination and precise craftsmanship as the tolerances of sophisticated laser guided equipment are very low. To prevent any unintended radiation exposure, Tocci built a vault with 6' thick concrete walls and a 4.5 ton steel door to house the LINAC. The LINAC also had many accessory components with their own electrical needs. Tocci used advanced BIM techniques to coordinate the specialized mechanical and electrical systems to service the linear accelerator vault.

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