WHEN IS A BUILDING more than just a building? For residents of Maplewood, New Jersey, their new Maplewood Police & Court Building is both a literal and symbolic anchor for their community and its promising future, and one in which masonry played a starring role.

Replacing a nondescript one-story industrial building, the handsome new structure sitting at a major crossroads brought a much-needed improvement to the town’s streetscape, and now welcomes people to the business district. Using traditional masonry materials in creative new ways allowed the designers to pay respect to the town’s collection of distinctive brick-clad buildings while adding a fresh new look.

MAPLEWOOD POLICE & COURT BUILDING

MAPLEWOOD, NEW JERSEY

Architects: The Goldstein Partnership
Structural Engineer: Severud Associates
General/Masonry Contractor: Seacoast Builders Corp.
Craftworkers: BAC Administrative District Council of New Jersey Local 4
New Construction: 42,000 square feet

The new facility also brings the town the distinction of having the first LEED-certified municipal building in the State of New Jersey (LEED Silver). Masonry contributed...
To reference the town’s earlier buildings but also give the new building a distinctive identity, designers at The Goldstein Partnership developed a unique interpretation of Flemish bond that incorporated Roman bricks on every sixth course. A bright white mortar makes the pattern strikingly visible. Echoing the handsome arches at the windows of nearby Town Hall is a grand entrance vault, while smaller brick cross-vaults mark the emergency exits. The curve of the revolving door is echoed in the plaza’s custom concrete pavers and stairs, “like the waves which radiate when a stone is dropped into water,” says Goldstein, and descend to a multicolor streetscape of decorative concrete pavers.

To meet the stringent seismic requirements for emergency dispatch centers, the building’s structural system has a diagonally-braced structural steel frame with composite floor slabs and concrete foundations. The masonry vault, which had to accommodate stress reversals, was reinforced by threading galvanized steel pencil rods through the cores of the voussoirs and through holes in the steel plates suspended from the overhead steel structure.

“Masonry was the obvious choice for our security concerns, but it played an important role in achieving our sustainability goals as well,” says Eli Goldstein of The Goldstein Partnership in Maplewood.

Justifiably proud of his firm’s design, Goldstein saves his highest praise for the craftworkers who brought it to life. “The beauty of the finished building is a testament to the superior workmanship of the project’s highly skilled masons,” he says. He is not alone in that opinion: In 2009, the Maplewood Police & Court Building won New Jersey’s IMI Golden Trowel Award/Green Category.

The Maplewood building illustrates how many vital design roles masonry can play, offering both strength and beauty. Outside, brick veneer is the dominant exterior cladding material, chosen to visually unify the neighborhood. Inside, cast stone, multiple colors of ground-face block, and custom pilaster block impart style and substance to this important civic building.