

PROJECT PROFILE

Newington Town Hall, Newington, CT

Newington Town Hall Gets Facelift After 10 Years of Debate

After nearly 10 years of public debate, voters from the town of Newington, Connecticut, approved a bond for a new town hall and community center. The long-anticipated \$32.2-million-dollar project provides 75,000 square feet of space for human services, board of education, and town council offices, as well as storage space and two full-sized basketball courts. The new facility began construction in April 2019; the project is expected to last about 22 months.

Newington's existing space was deteriorating, and the roof of the old town hall leaked. So QA+M Architecture turned to the waterproofing experts at Carvahlo and McDowell Construction, Inc., to ensure the new space would be watertight.

"They turned the specs over to us and gave us two or three different system choices," said Dan Carvahlo. "We've installed MiraPLY for 7 years and have been certified installers for the past 11 years. We always recommend MiraPLY and seldom get push-back because the product performs so well."

Carvahlo also said his crew spent four days installing 5,000 square feet of MiraPLY-H over a pea stone substrate in a basement area. Then they installed MiraDRI 860 on the foundation wall, using CCW LM-800XL for detailing small substrate voids under the MiraDRI.

"The Town Hall is on an embankment," Carvahlo said. "One side is really high and sits against a retaining wall. The other is low, almost like a walk-out basement. After putting down the MiraPLY-H inside the basement, we applied MiraDRI 860 around the outside perimeter on the exposed side. Then we used the 800 XL to fill in any gaps and control cracking."

Carvahlo said all three products were easily installed around multiple protrusions, including concrete columns, a sump pit, and radon pipe.

Newington Town Hall at a glance

Location:

Newington, CT

Architect:

QA+M Architecture

Carlisle Coatings & Waterproofing Contractor:

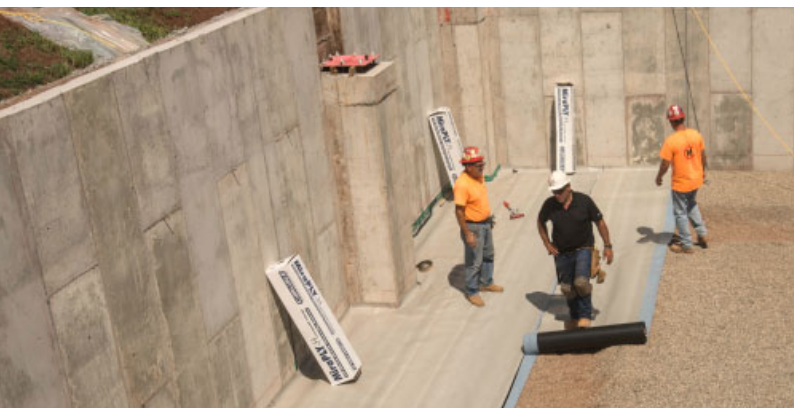
Carvahlo and McDowell Construction, Inc.

Carlisle Coatings & Waterproofing Products:

- MiraPLY™-H with SeamLOCK™ Technology
- MiraDRI® 860/861
- CCW LM-800XL

Year Completed:

2020



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"We call MiraPLY and MiraDRI our meat and potatoes because we've installed them so many times," he said. "MiraPLY is so easy to work with. It's malleable and not brittle in winter like similar products. We also really like that the 800 XL is so user-friendly. It really holds its form better than previous products we've used."

Carvahlo said the technical support provided by Carlisle Coatings & Waterproofing is another reason jobs like this run smoothly.

"The technical service we get from Carlisle certainly makes our job easier and saves us time," he said. "People like Don Varnum from Pace Representatives are very knowledgeable, and him being on site makes the owner and the inspector very comfortable. We're always pleased."



MiraPLY-H with SeamLOCK Technology

is a nominal 70-mil, horizontal-grade, self-adhering blindside waterproofing membrane that consists of a 45-mil-thick reinforced TPO sheet fused to a 25-mil butyl adhesive coating. SeamLOCK pre-primed strips make installation quick and easy.

MiraDRI 860/861 is a 56-mil-thick self-adhered sheet consisting of cross-laminated HDPE facer laminated with rubberized asphalt adhesive.

CCW LM-800XL used as a filler and reinforcement under CCW MiraDRI 860/861 membranes. Other applications include terminations and flashing to protrusions from horizontal and vertical surfaces, terminations at drains, and detailing of the substrate prior to application of CCW MiraDRI 860/861.