

## MIXED USE COMMERCIAL/ RESIDENTIAL REDEVELOPMENT

Dartmouth, MA

This expansive commercial building in the heart of Dartmouth village, a stone's throw from the waterfront, sat vacant for years. With the goal of revitalizing the village, the site was redeveloped for mixed commercial/residential use to include a restaurant, market and second-floor condos, along with a new parking lot. Coastal Engineering co. worked together with Dewing Schmid Kearns Architects+Planners to provide structural design and construction services. An emerging technology at the time, 3D printing was used as one of the modeling techniques for the project.

### SERVICES

- Structural engineering design and plans for improvements to existing structure per Massachusetts Building Code requirements for construction in FEMA Coastal Flood Zone
- Construction administration services, including a protocol for testing of engineering materials, shop drawing reviews and construction inspections

