



Precast Concrete Foundation & Slabs for Four-Unit Condominium Building

10 STATE ST. Portsmouth, NH Project

10 State Street Condominiums is a 10,000-SF, three-story, four unit condominium building built on a precast concrete pier constructed of precast pile caps, beams and pre-stressed panels located over water at pier II/10 State St. in Portsmouth, NH.

The four units range in size from 3,542SF to 4,791SF. There is also a deck lounge area and garden rooftop area that can be used by all of the homeowners. Each unit with also comes with two garage spaces and offers one-floor living with elevator access.

CONSTRUCTION CHALLENGE

Located over water, this project was challenged with fast moving currents, construction phasing to accommodate a small site, and coordination with concurrent abutting construction projects.

PRECAST SOLUTION

Precast concrete beams, pile caps, and pre-stressed slabs were selected for the construction method due to their structural strength and durability.

Oldcastle Infrastructure Provided:

- (61) Precast Beams with (53) Unique Types
- (44) Precast Pile Caps with (15) Unique Types
- (50) Pre-stressed slabs with (34) Unique Types
- The Project incorporated over 20 different beam to pile cap connection details.



DESIGN & CONSTRUCTION TEAM

Owner

Paul McInnis, Inc

PA DOT Contract Amount:

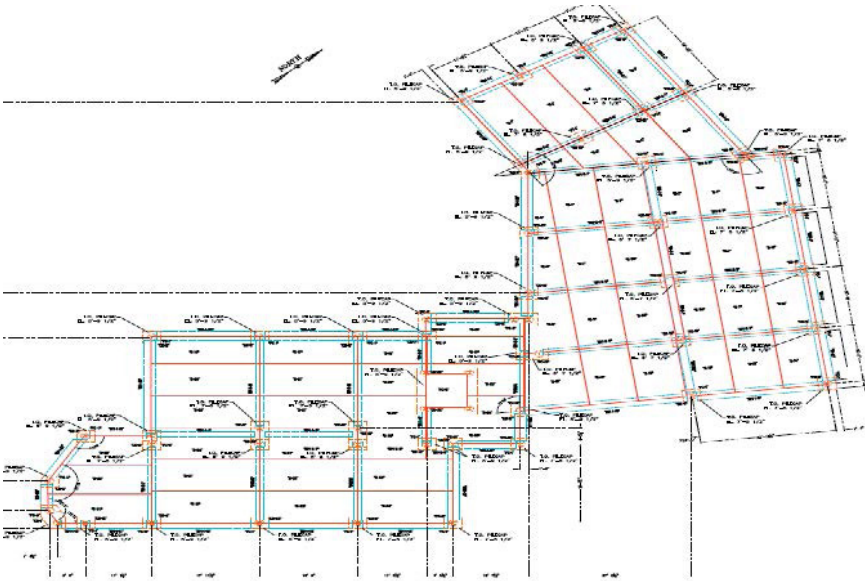
Stoltz & Ehre LLC/Summit Engineering

Precaster

Oldcastle Infrastructure

Manufacturing Facility

Oldcastle Infrastructure
Auburn, ME &
Rehoboth, MA



About Oldcastle Infrastructure

Oldcastle Infrastructure, A CRH Company, is the leading provider of building materials, products and services for infrastructure projects to several market sectors nationwide, including: Building Structures, Communications, Energy, Transportation and Water.

For More Information Contact:

Oldcastle Infrastructure

Phone: 508.336.7600
Address: 41 Almeida Road, Rehoboth, MA 02769
oldcastleinfrastructure.com