



Project Description

Upscale 203-unit mixed-use complex with 280,000 SF total area.

- Two 4-Story Apartment Buildings
- One 11-Story Apartment Buildings
- 2-Level underground parking garage

Design Features:

- 12" PT podium Flat plate to support 5- levels of wood with spans up to 33ft.
- 7" PT flat plate for parking level with spans up to 30ft and cantilevers up to 6ft.
- 12-story concrete building with 8" PT flat plates with spans up to 30ft.
- Hybrid foundation system: 18" thick PT mat foundation for podium and auger cast piles for concrete tower
- Transfer PT slab at level 11
- Steel frame at roof



Wilmington, DE.

CAPABILITIES

- Structural Design (EOR)
- Specialized PT Design

Developer:

The Buccini/Pollin Group, Inc

Architect:

Niles Bolton Associates

General Contractor:

BPGS Construction

Project completion:

2022

Industry

Mixed-Use

Project type:

NEW CONSTRUCTION

Full Project Description

Crosby Hill is an upscale 203-unit complex located at 517 Shipley St. in downtown Wilmington, DE. This \$62 million mixed-use development was designed by Niles Bolton Associates, and it includes two four-story buildings, one 11-story building, and a private two levels of underground parking garage with 124 parking spots for residents. Crosby Hill, a 280,000 SF total area project is set to open in late 2022.

This new multi-family community features an innovative hybrid post-tensioned mat foundation, deep foundations, podium, wood low-rise, and Post-tensioning flat plate mid-rise.

Kline Engineering is the engineering of record and was retained to design the underground parking garage and residential structures and is partnering with BPGS Construction.

Crosby Hill's name pays tribute to the Crosby and Hill department store that prominently served Wilmington for nearly a century from 1878 to 1960.

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