

At-A-Glance

Architects combined louvers with metal vision barrier screens to create elegance & glamour at Rose Hill.

CASE STORY

Rose Hill
New York City, NY

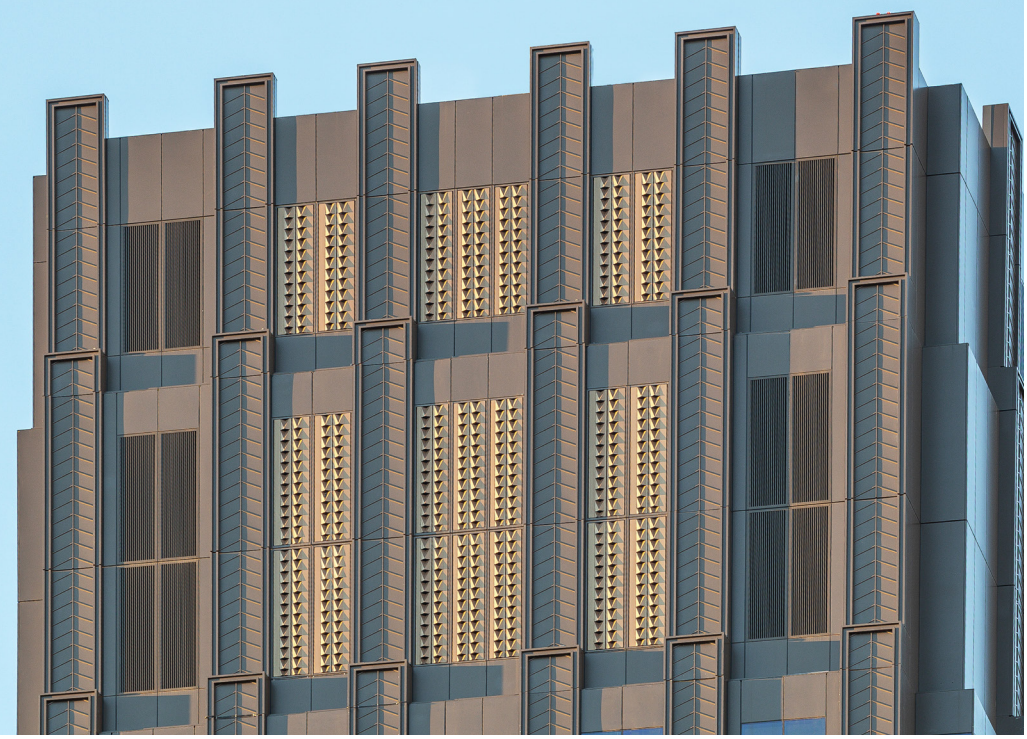
About the Project

Rose Hill is a high-rise residential building in Manhattan, named for the historic Rose Hill area in the NoMad neighborhood where it is located. The building's owner, The Rockefeller Group, has a strong legacy of creating prominent architecture in New York City—the iconic Rockefeller Center is just one of many— and wanted this project to be a nod to old New York, but modernized.

Challenge

Located mid-block with neighbors on both sides, Rose Hill is a tall, thin building. For its design, the structure required louvers to be at the entry level near the residents' entrance. The close proximity of the neighboring buildings limited the locations where those louvers could be placed, and the architecture and design team wanted mechanical components out of sight. Also impacting louver placement and design was the fact that residential buildings typically allocate extra space for windows, and the architecture firm, CentraRuddy, pushed for highly curated custom details on the facade. Rose Hill's project designer, Charles Thompson, AIA, LEED AP, is an Associate Principal at CentraRuddy. His design needed to ensure the mechanical components would be hidden to even the most discerning eye while maintaining the aesthetic integrity of the owner's vision.

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Solution

A chevron pattern is the leading theme on Rose Hill, extending from the railings to the louvers that adorn the building's crown, giving it character. Thompson chose the base of the 45-story building to highlight fine details and integrate the mechanical louvers into the design.

To achieve this, CS' BetterBuilt Studio™ collaborated on mechanical louvers hidden behind custom perforated panels and decorative chevron grilles that coordinate with the crown design. The louvers blend into the glass and metal facade perfectly, adding to its stylish, contemporary exterior.

It is common for certain floors of skyscrapers to be dedicated to mechanical spaces. Rose Hill has one at the top and one at the bottom, allowing air to flow in a circular manner and keeping the building and its occupants healthy while supporting the Rockefeller Group's architectural legacy.

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