

Roof Start Date: 07/06/2020  
Roof Complete Date: 04/30/2021



**COREY**  
CONSTRUCTION

Commercial and Multi-family Roofing

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### High Level Scope

- ✓ Scope 1 - Wall Panels - NORTHCLAD® AL SERIES - .080 Aluminum Panels in Dark Bronze Finish
- ✓ Scope 2 - Roofing - Mule-Hide 60 mil polyester reinforced mechanically attached TPO
- ✓ Scope 3 - Sheetmetal and Accessories - 24-gauge Dark Bronze Quality Metal Coping, Gutters, and Downspouts

The project consists of the construction of a new high-rise multi-use development comprised of 12 stories and houses 152 units located in Houston, Texas.

### Aluminum Wall Panel System

- Manufacturer - NorthClad Rain Screen Solutions
- 12,000 square feet

### Single Ply Roof System

- Manufacturer - MuleHide
- 60 mil mechanically attached TPO
- 27,500 square feet

### CASE STUDY : CHASE HEIGHTS 1

510 West 20th Street, Houston, TX 77008  
Greystar Development

### Project Highlights

Greystar defined the true meaning of living a lavish, sophisticated lifestyle in one of Houston's most exciting neighborhoods - The Heights. Amenities include a 12th level sky deck which is perfect for a boutique high-rise in the Heights and ideal for the band of wall panels that accentuate this gem.

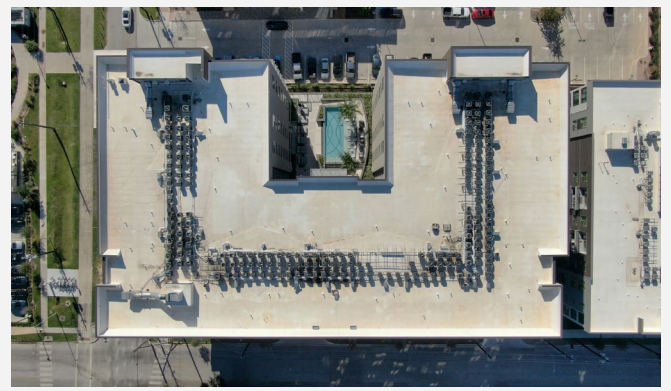
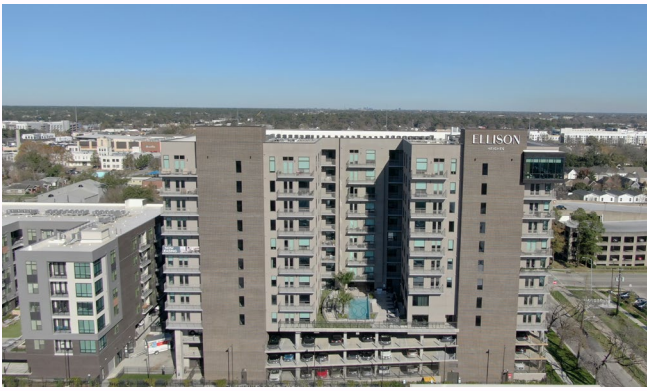
Challenges were presented from day one. Meeting the construction schedule deadline and safety were at the forefront of this project due to the tight project schedule and space restrictions of the neighborhood along with the constant pedestrian traffic on the streets below.

Corey crews installed 27,500 square feet of roofing material over a two-week period. The initial days were spent planning the logistics of how to get out material on the 12-story roof level.

All Corey employees were a minimum OSHA 10 certified and were all trained on Qualified Rigging/Signal Person training.

The general contractor obtained street closure permits and our crew had to set safety markers in loading areas each morning that material was being loaded.





## Other Safety Precautions

- Safety markers and signage on the street to alert but not impede traffic
- 100% fall restraint systems while on the roof
- Spotter/Flagger required during all forklift operation
- Weekly toolbox safety talks
- Weekly Quality Control/Quality Assurance and Safety Audits

This roofing project was also challenging due to the drainage design. The drains were offset from the concrete corridors that run down the hallways. Our roof vendor and manufacturer helped with the design of the tapered system and crickets. The overall taper system had to be designed specifically to clear the mechanical equipment, davits, and other curbs that could not be relocated due to structural design.

Bump Out roofs on Level 12 had to be installed on the Sky Lounge Center with only a 2' clearance for our crews to work from. Safety requirements and understanding of all OSHA requirements gave us the forefront and allowed us to complete all the scope in a safety and timely manner.

The aluminum panels installed at all elevations were fabricated to match the widths of all the adjoining storefront and glazing systems. The main highlight is the overhanging sky lounge on the southwest corner of level 12. The breathtaking views of the city skyline is something you don't get tired of seeing.

Aluminum panels attached to 16-gauge metal sub-framing were also installed at all building corner units from Level 5 to level 10. All these panels were installed using swing stage platforms. Our entire team became certified as operators and ensured that safety was our #1 priority.

