



Picture courtesy of Outokumpu

## 3 World Trade Center

### New York, United States of America

The initial brief issued by Silverstein Properties was to develop an overall commercial development of 2.8 million sq ft with an above grade area of approximately 2.5 million sq ft. The brief demanded the building to be integrated with the infrastructure below grade forming the entire “Eastern Bath Tub” that connected Tower 3 with the PATH terminal and Towers 2 and 4.

The areas below grade include retail and public concourses serving the Transportation Hub located between Towers 2 and 3. Additional basements below accommodate truck loading docks for each tower, a port bus parking area and associated car parking

Environment:	urban
Use:	panels façade
Material:	316L with a Deco Linen M25 finish
Weight:	550 tons
Fabricator:	Permasteelisa
Manufacturer:	Outokumpu
Architects:	Rogers Stirk Harbour + Partners
Photographs:	Outokumpu
More information:	outokumpu.com

provision with the lowest basement level primarily allocated for mechanical and support functions. The siting of Tower 3 commands a central position within the ensemble of the five towers as they cascade down in height towards the south away from Tower 1.

Tower 3 is defined by its stainless steel-clad exterior frame and unique load-sharing system of k-shaped bracing in the corners. Through their location on the outside of the structure, the bracing accentuates the central volume of the building and provides human scale of grain and texture to the external façade. The use of these external steel load sharing “K” brace allows all corners of the tower to be column free which provides wider, unimpeded panoramic views for the occupants of the office levels.

The main lobby is located along the full length of the Greenwich Street elevation and encloses the lobby along three sides by a 60ft high cable-net glazed façade.

The tower features three outdoor terraces located Levels 17, 60 and 76. Located 935ft above street level, the 76 floor terrace is the tallest outdoor office terrace in Manhattan. The 60th floor terrace is positioned 718ft above street level, and the 17th floor at 205ft above street level. In total there is 11,000 sq ft of outdoor, fully-landscaped space with a lush garden environment for its tenants.



*Picture courtesy of Outokumpu*