

Stadthöfe Hamburg – Innovative Structural Design between Water, Heritage and Modern Lifestyle

Markus Wetzel

Dr.-Ing.

Wetzel & von Seht

Hamburg, Germany

mw@wvs.eu

Partner in the engineering firm Wetzel & von Seht, since 2001 review engineer, former president of the German association of review engineers (bvpi, 2012-2018), member of the board of directors of the bvpi, DBV (German Concrete Society) and DAfStb (German Committee for Reinforced Concrete)



Francisco Vazquez

Dipl.-Ing.

Wetzel & von Seht

Hamburg, Germany

fva@wvs.eu

has worked as a civil engineer with Wetzel & von Seht since 2000



Contact: mw@wvs.eu

1 Abstract

Along the Stadthausbrücke between the roads of Neuer Wall and Grosse Bleichen, behind historic facades, a new quarter with a gross floor space of approx. 45.000 m² has been put under construction for retail, office and residential use. The high complexity of the planning and construction task results from the many constraints caused by the tight inner-city situation. In particular, the small scale and nested courtyard-like arrangement of the objects, the boundary development and development of the Alsterfleet, a former waterbody, as well as the demanding requirements of heritage protection were especially challenging.

Keywords: innovative structural design, heritage protection, historic facades / buildings, constructions for retail, office and residential use, tight inner-city building situations, small-scale arrangements of different objects.