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CH - 1207 Genève

## SECHERON | ROOFTOP EXTENSION IN GENEVA





A rooftop extension on a residential building dating from the 1950's completes the irregular contour of a city block consisting mostly of early 20th century buildings

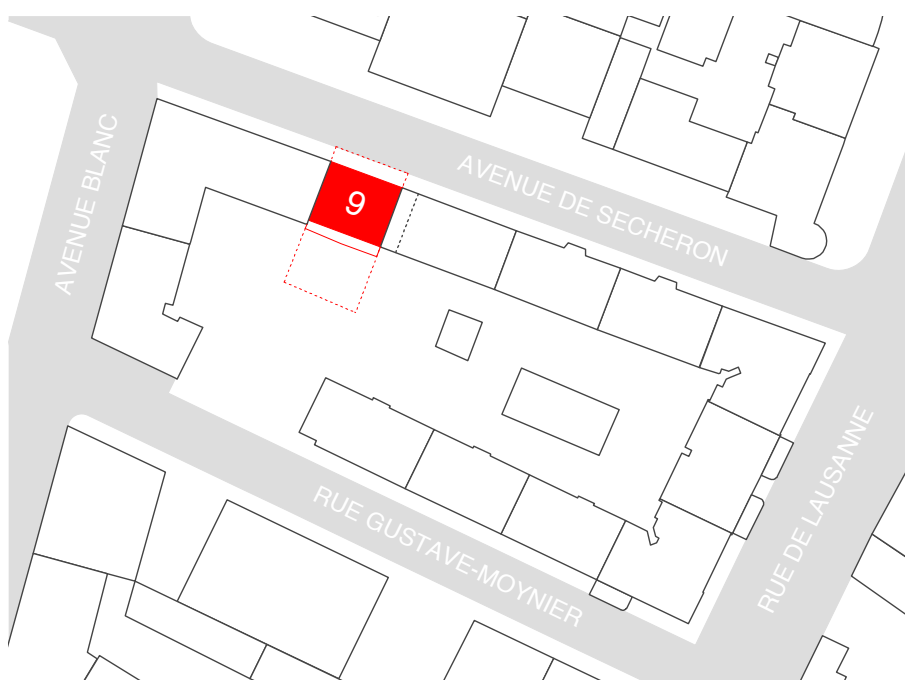
Intentionally autonomous, the building's façade doesn't seek to create a common language with the two neighbouring constructions which each represent a different architectural style and era.

We saw this project as an occasion to give a second life to what was essentially a banal post-war construction. In general, we sought to create generous interior spaces while taking full advantage of the building's southern exposure and courtyard vista.

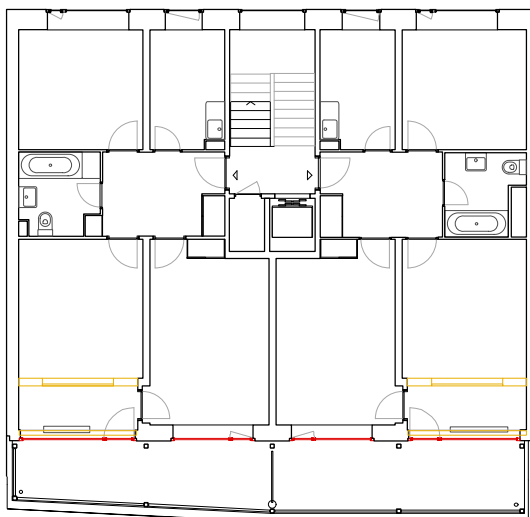
The three added stories consist of interlocking spaces and apartment types which allows for a greater flexibility. We sought not only to create very diverse apartment typologies on the three added floors, but also to enrich the modest spatial conditions of the apartments on the five existing floors below. By adding a volume of glazed balconies on the entire courtyard façade of the building, all the apartments are given an extra room that serves as a zone of transition between interior and exterior.

Special attention was paid to create a continuity between the existing building and the extension. The façades of the extension are flush with those of the existing building which were also entirely renovated, thus creating a unity in surface, texture and colour. On the street-side façade, a painting by a contemporary artist highlights the window grid while the structure of winter gardens on the courtyard façade are animated by a subtle play of colour.

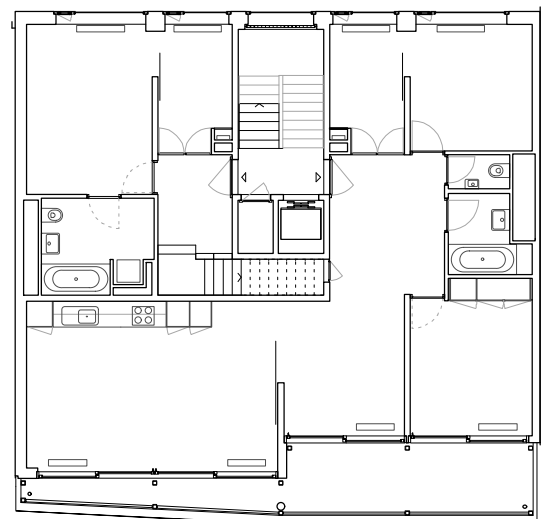
The rooftop extension is built on a metallic structure supported by the building's existing masonry structure. The winter gardens are built on a second, autonomous metallic structure that is anchored into the façade.



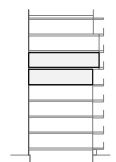


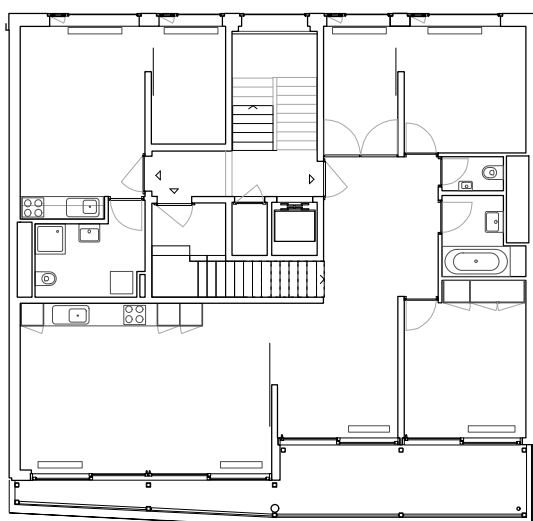


Plan type existing 4°

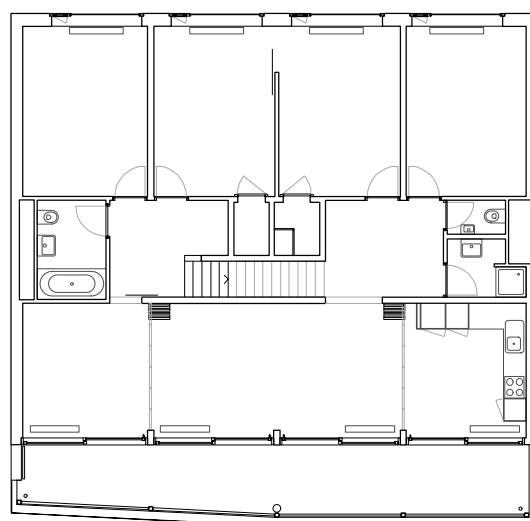


Plan 5° floor

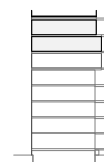




Plan 6° floor



Plan 7° floor





toiture  
410.02  
+23.31 ▾

7ème  
406.73  
+20.00 ▾

6ème  
403.82  
+17.09 ▾

5ème  
400.87  
+14.143 ▾

4ème  
397.90  
+11.17 ▾

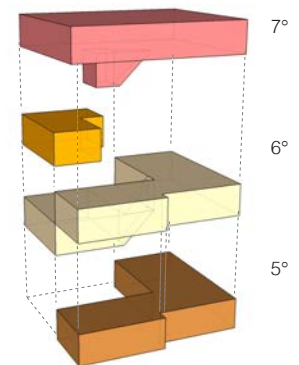
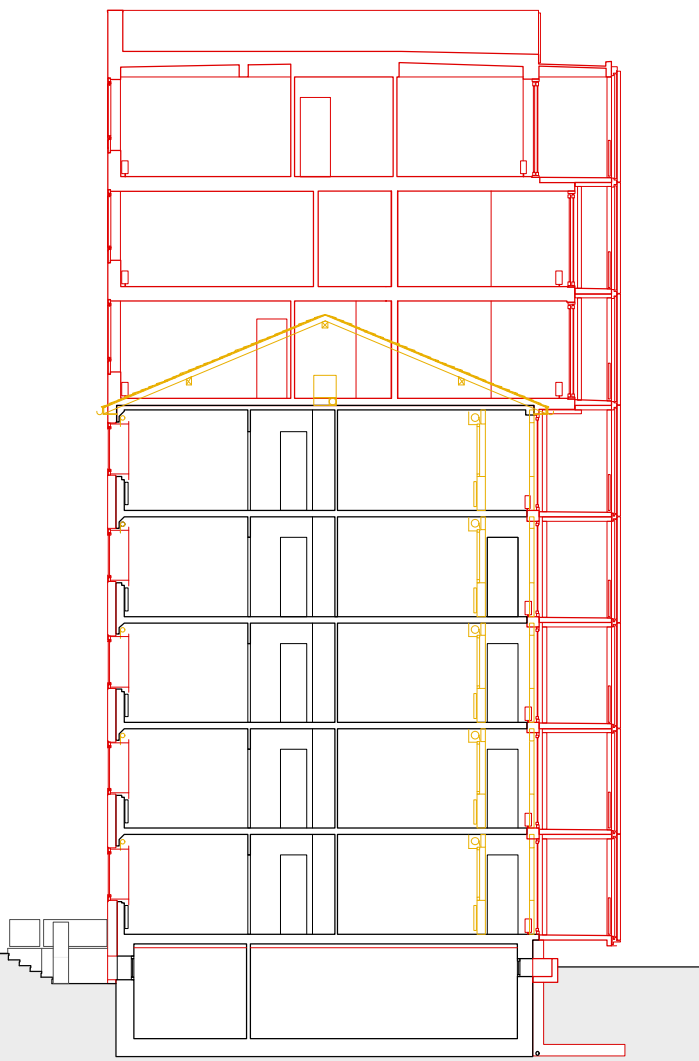
3ème  
395.10  
+8.37 ▾

2ème  
392.30  
+5.57 ▾

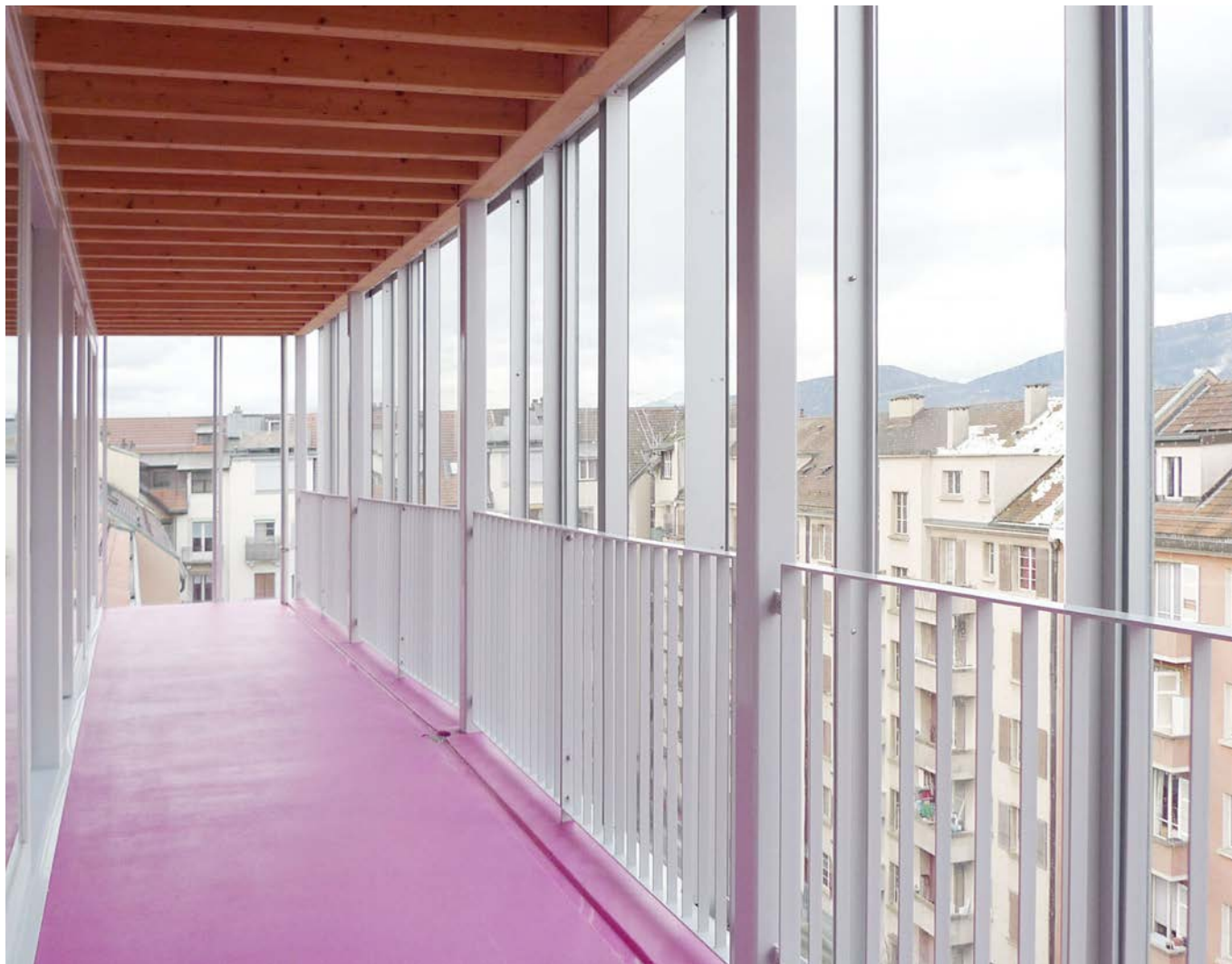
1er  
389.50  
+2.77 ▾

rez  
386.70  
-00.03 ▾

sous-sol  
383.93  
-2.80 ▾



Cross section



Location  
Avenue de Sécheron 9, CH-1202 Genève

Programme  
Housing  
Three-storey roof top extension  
Modification of the five-storey existing building

Planning  
2009-2012

Construction  
2013-2014

Client  
Private client

Gross floor area  
Existing : 1'068 m<sup>2</sup>  
Extension : 727 m<sup>2</sup>

Volume SIA  
Existing : 3'039 m<sup>3</sup>  
Extension : 1'857 m<sup>3</sup>





Architectes  
Raphaël Nussbaumer Architectes, Genève

Project Team  
Laurence Aeberhard  
Karim Chami  
Frédéric Perone  
Ana Rodriguez

Construction Management  
AML Immoconseils SA, Genève

Civil Engineer  
Ingeni SA, Carouge

HVAC Engineer  
Amstein + Walthert Genève SA

Fire Safety Engineer  
Ecoservices SA, Carouge

Building Physics  
AAB – J.Stryjenski & H.Monti SA, Acacias

Façade Engineering  
Arteco SA, Chexbres

Surveyor  
Bureau d'étude Christian Haller, Acacias

Artist  
Karim Noureldin, Lausanne

Photographer  
Raphaël Nussbaumer Architectes /  
Joël Tettamanti