

Layered Analysis of Irregular Facades via Symmetry Maximization

Submission ID: 0084

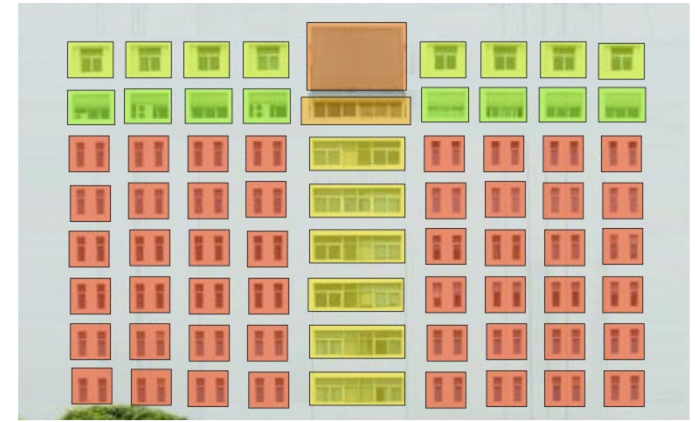
Supplemental Material

Full results (hierarchy, editing, and retargeting) on 20 façades and hierarchies of additional 30 façades.

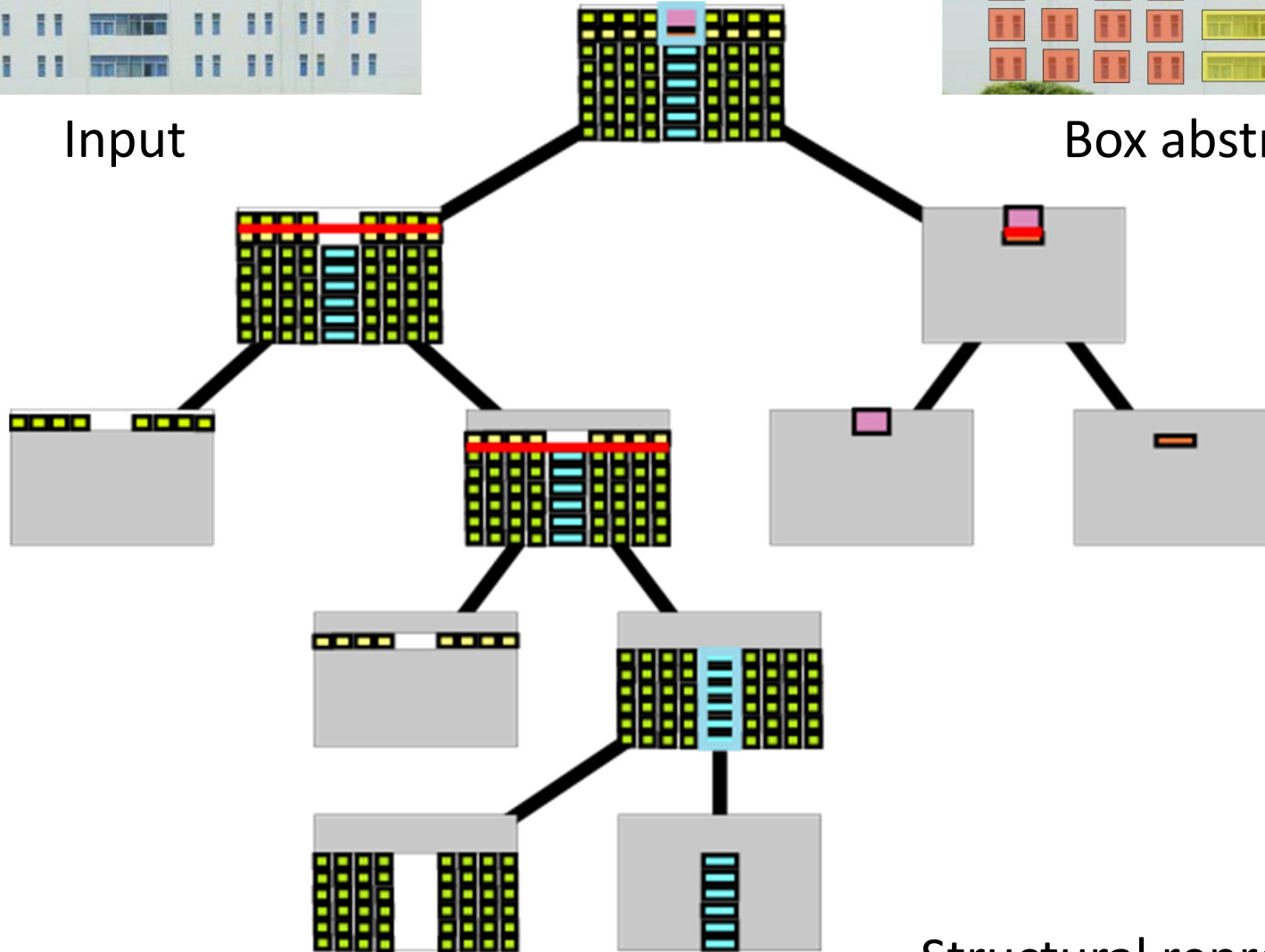
Façade 1



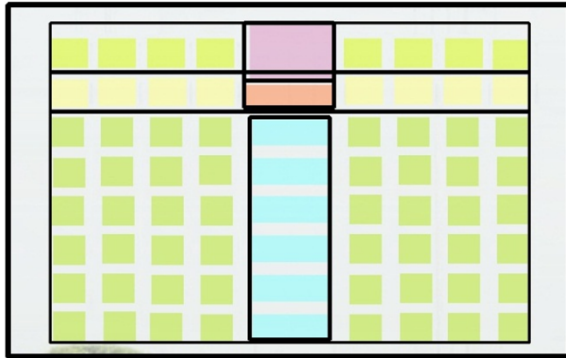
Input



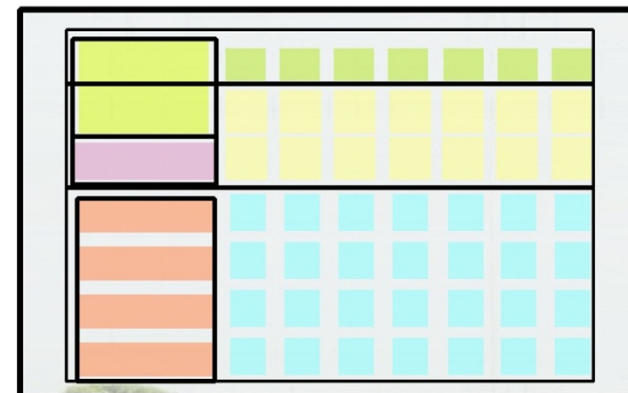
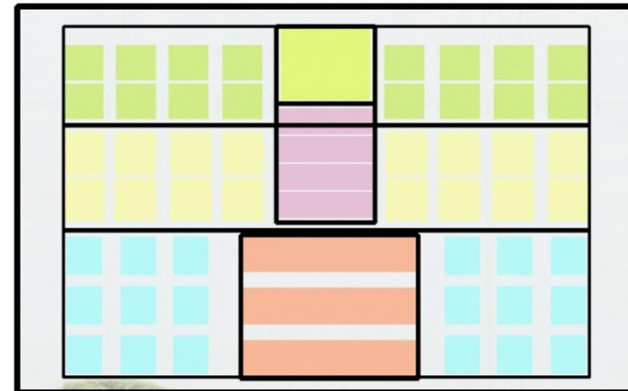
Box abstraction

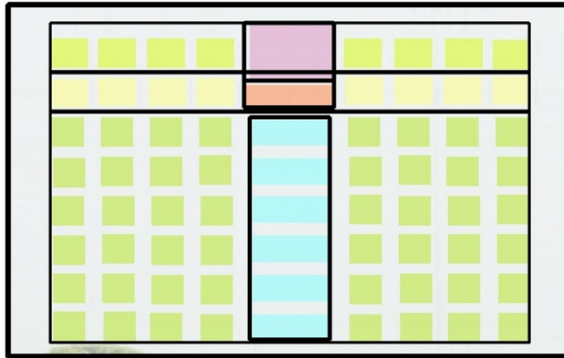


Structural representation

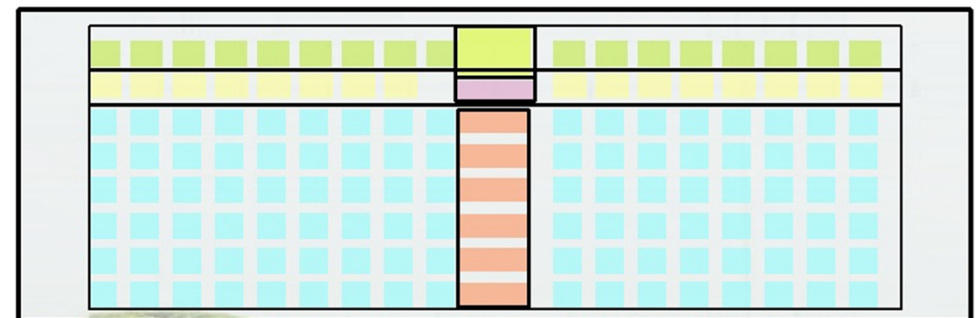
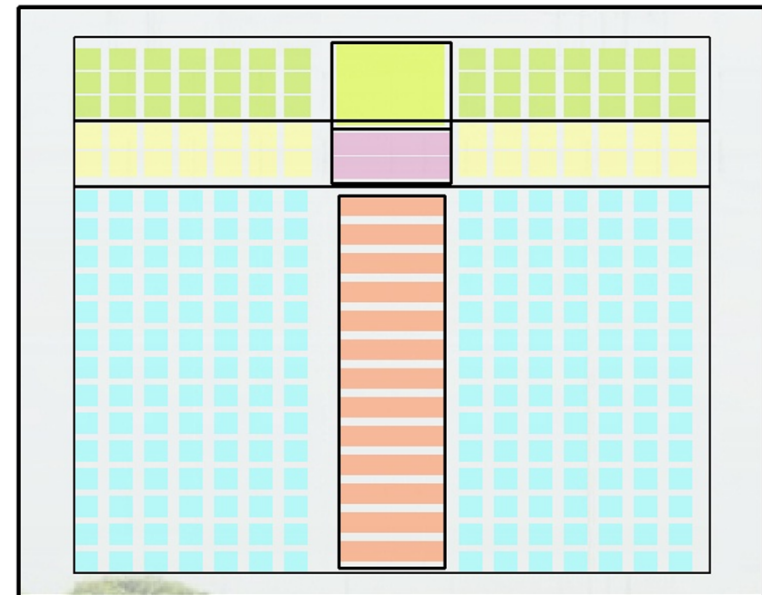


Editing results





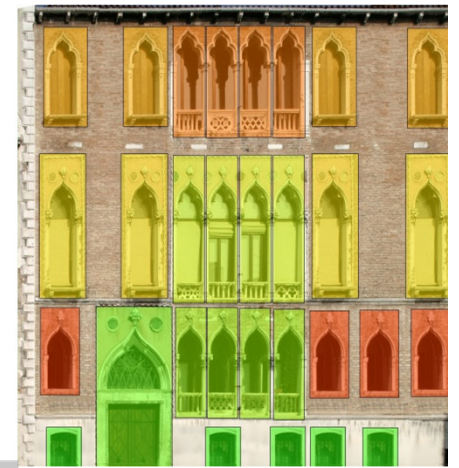
Retargeting results



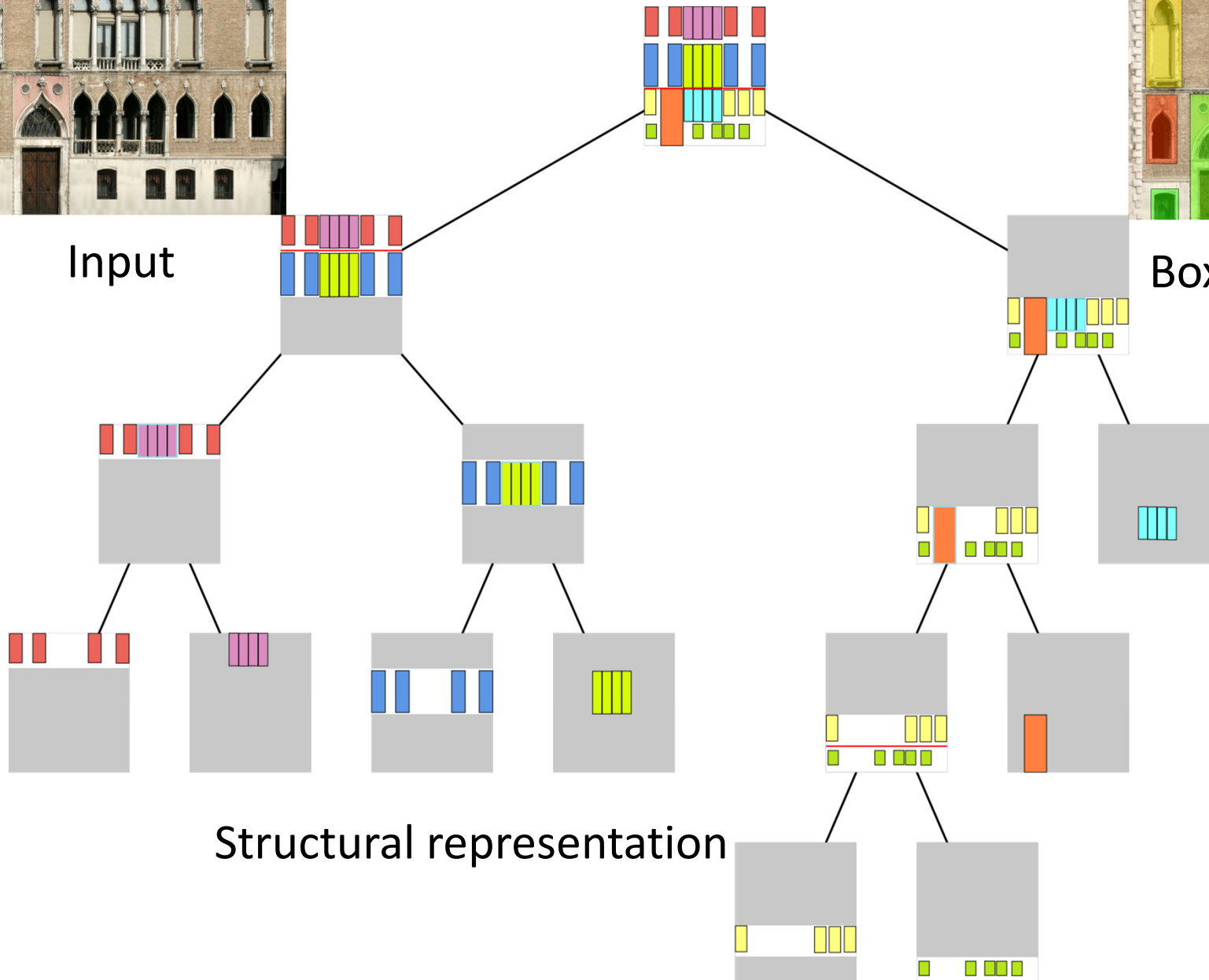
Façade 2



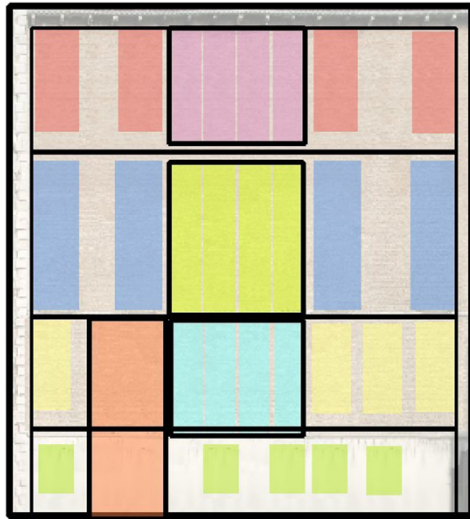
Input



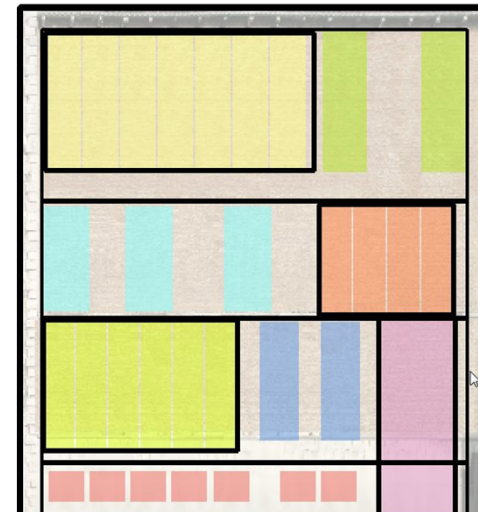
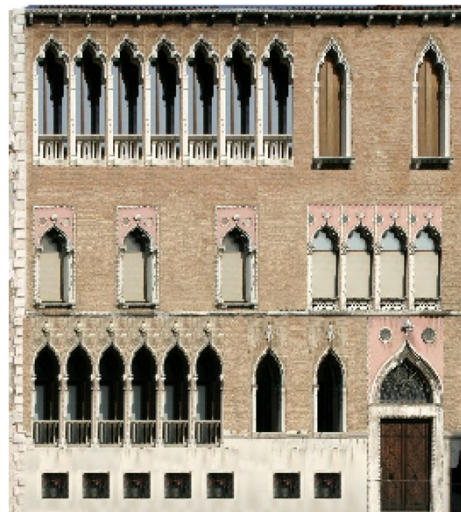
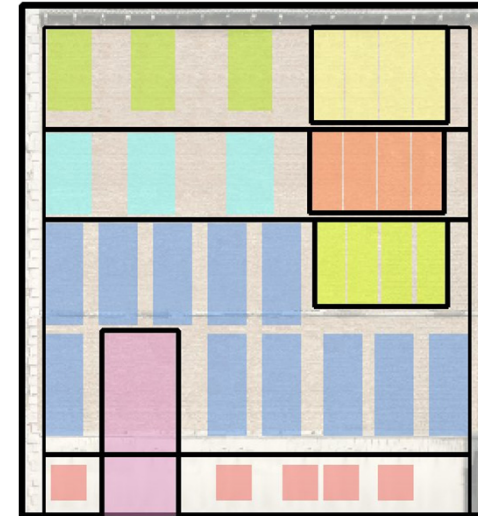
Box abstraction

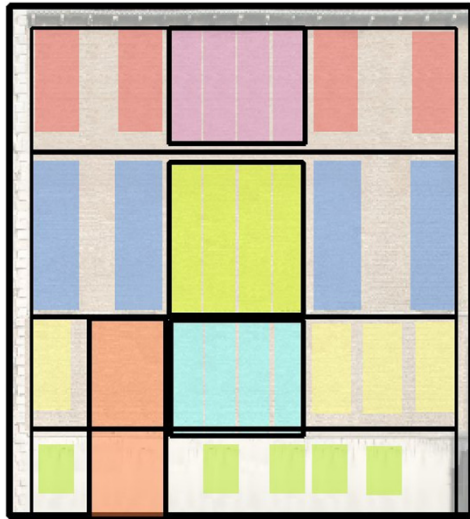


Structural representation

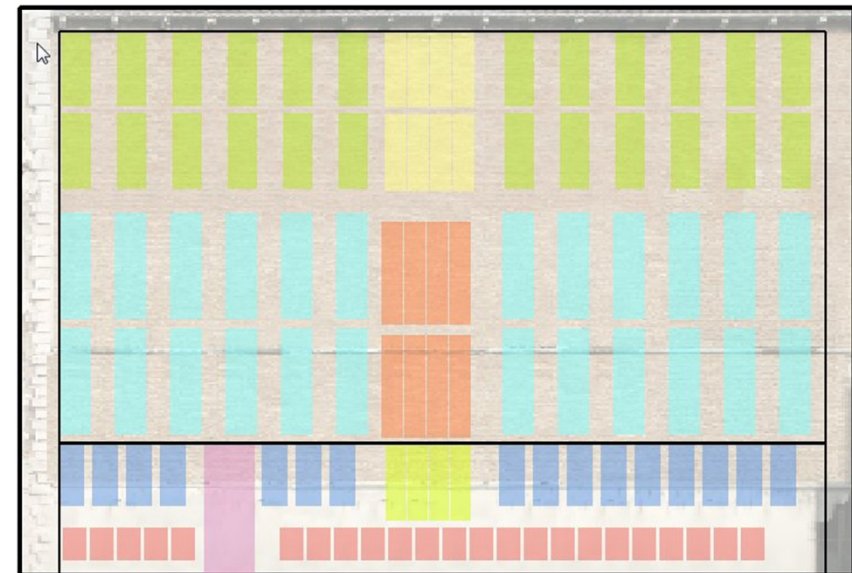
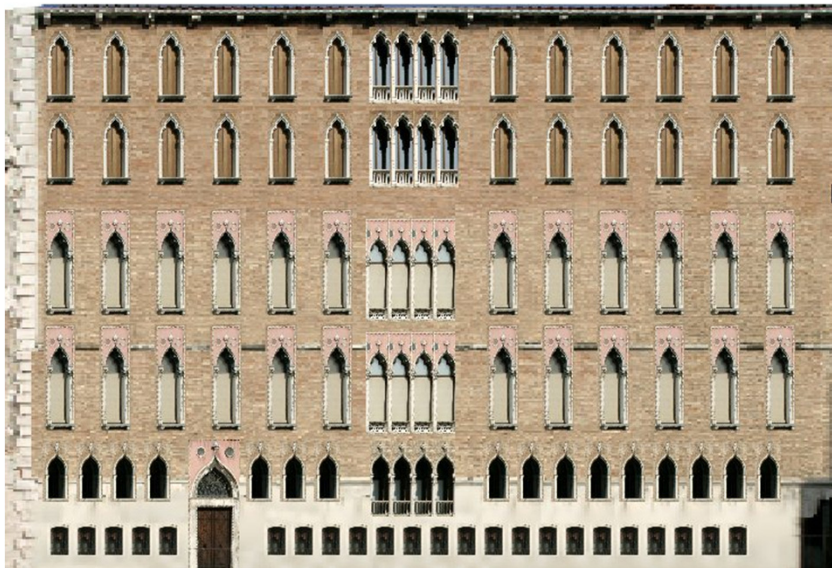
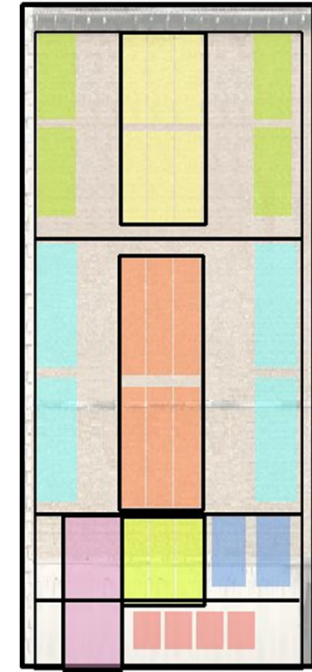


Editing results





Retargeting results



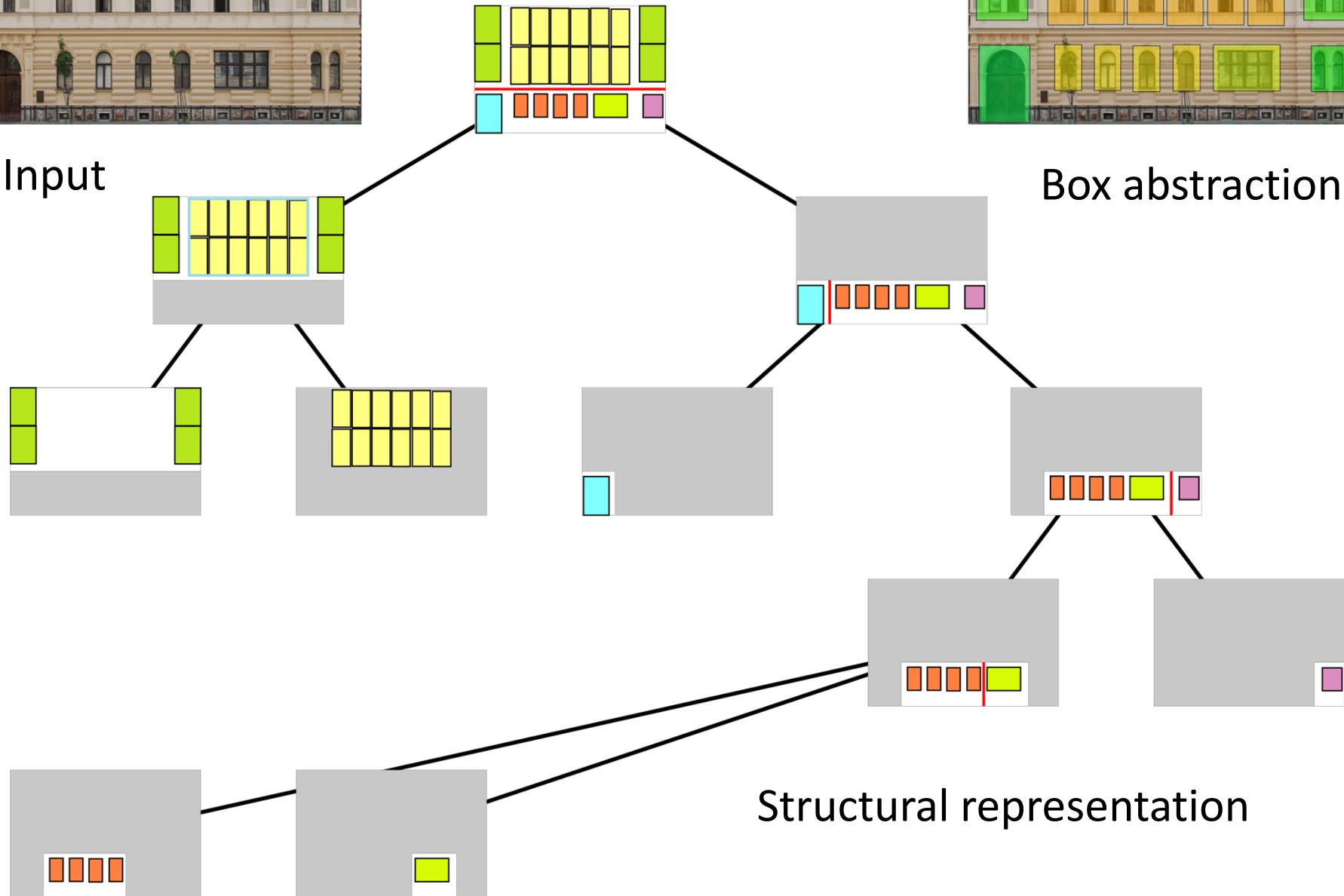
Façade 3



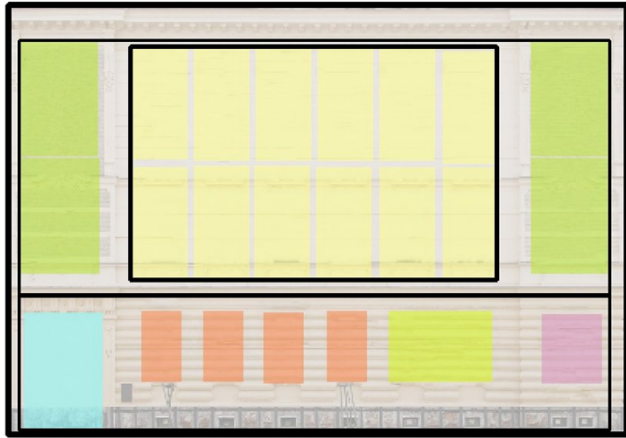
Input



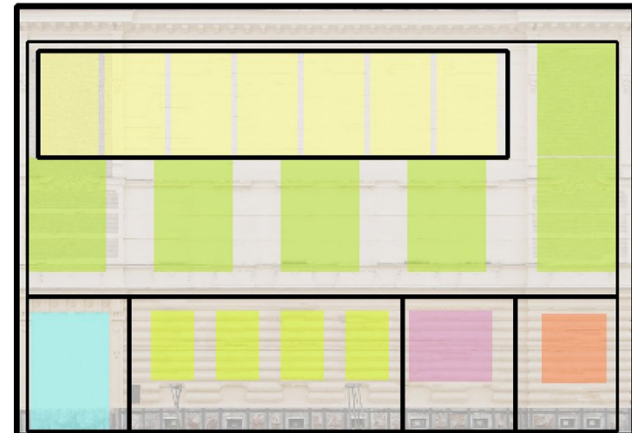
Box abstraction



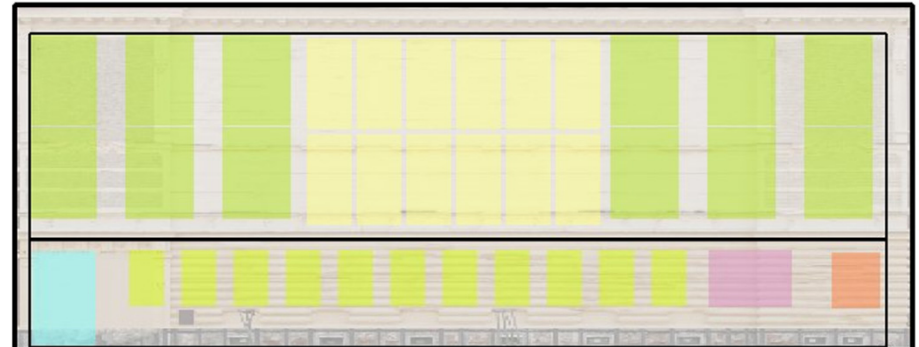
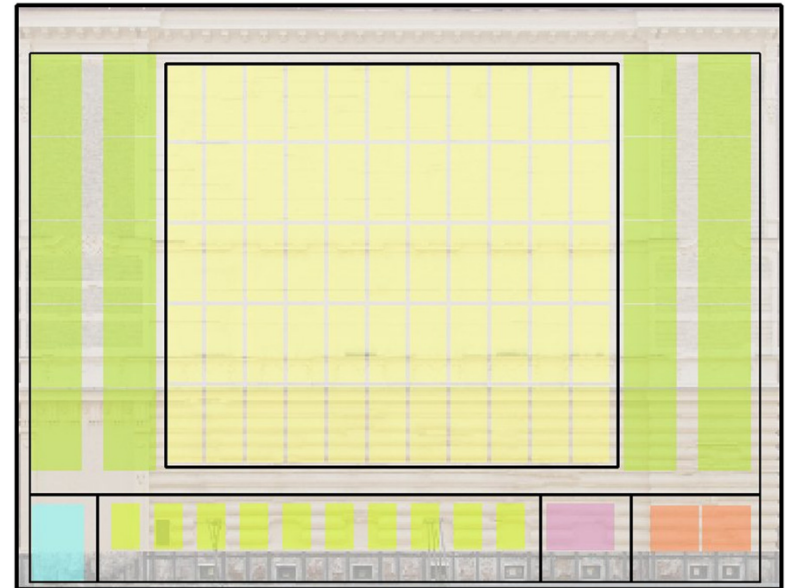
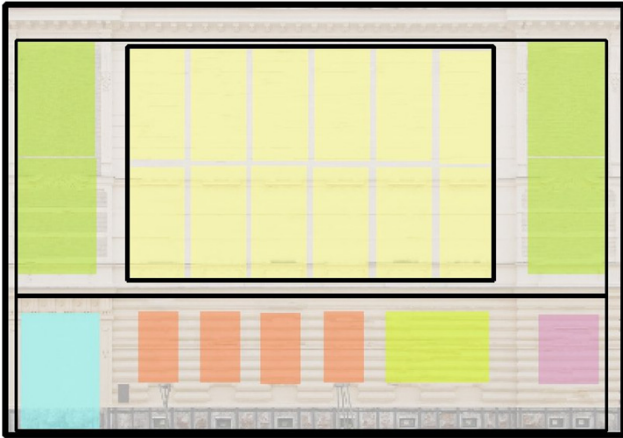
Structural representation



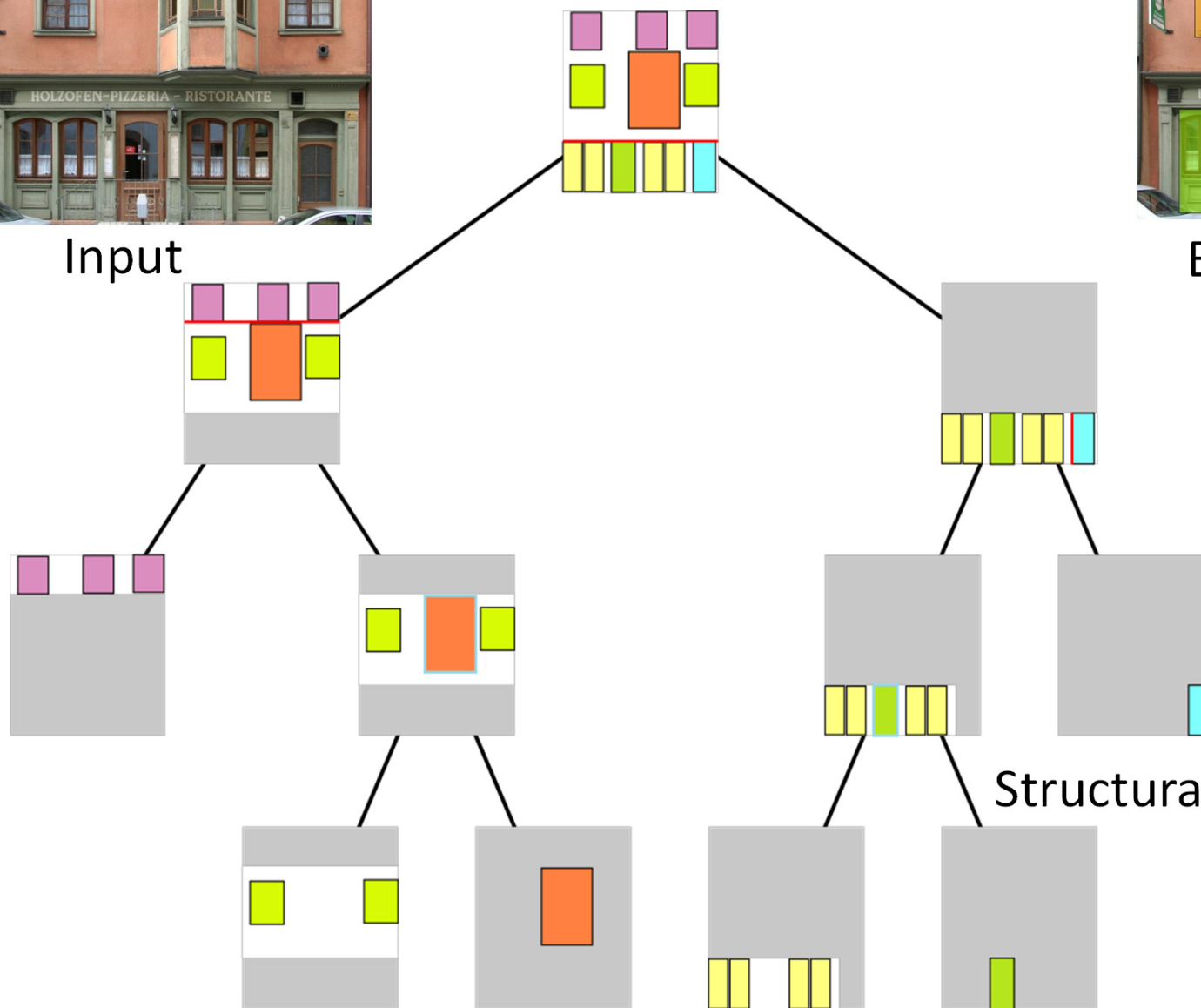
Editing results

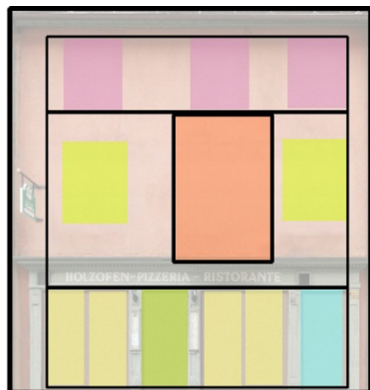


Retargeting results

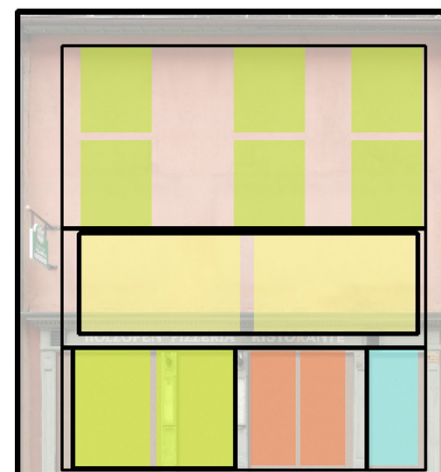
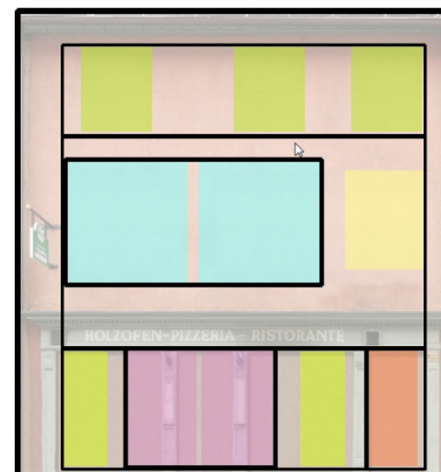


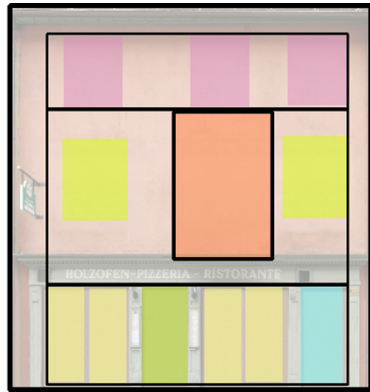
Façade 4



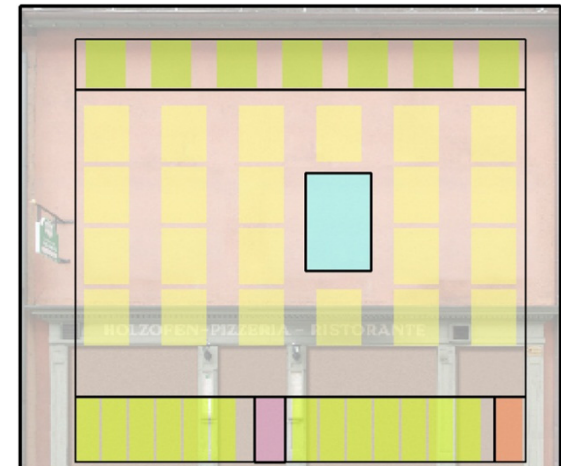
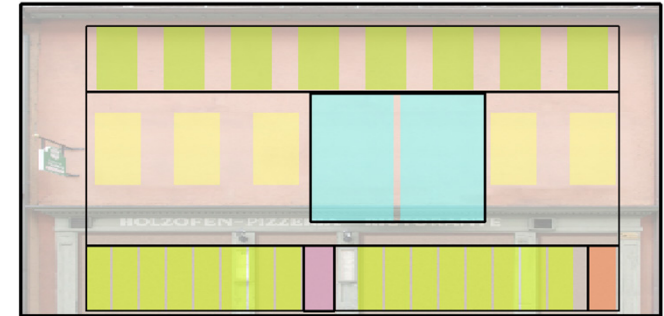


Editing results

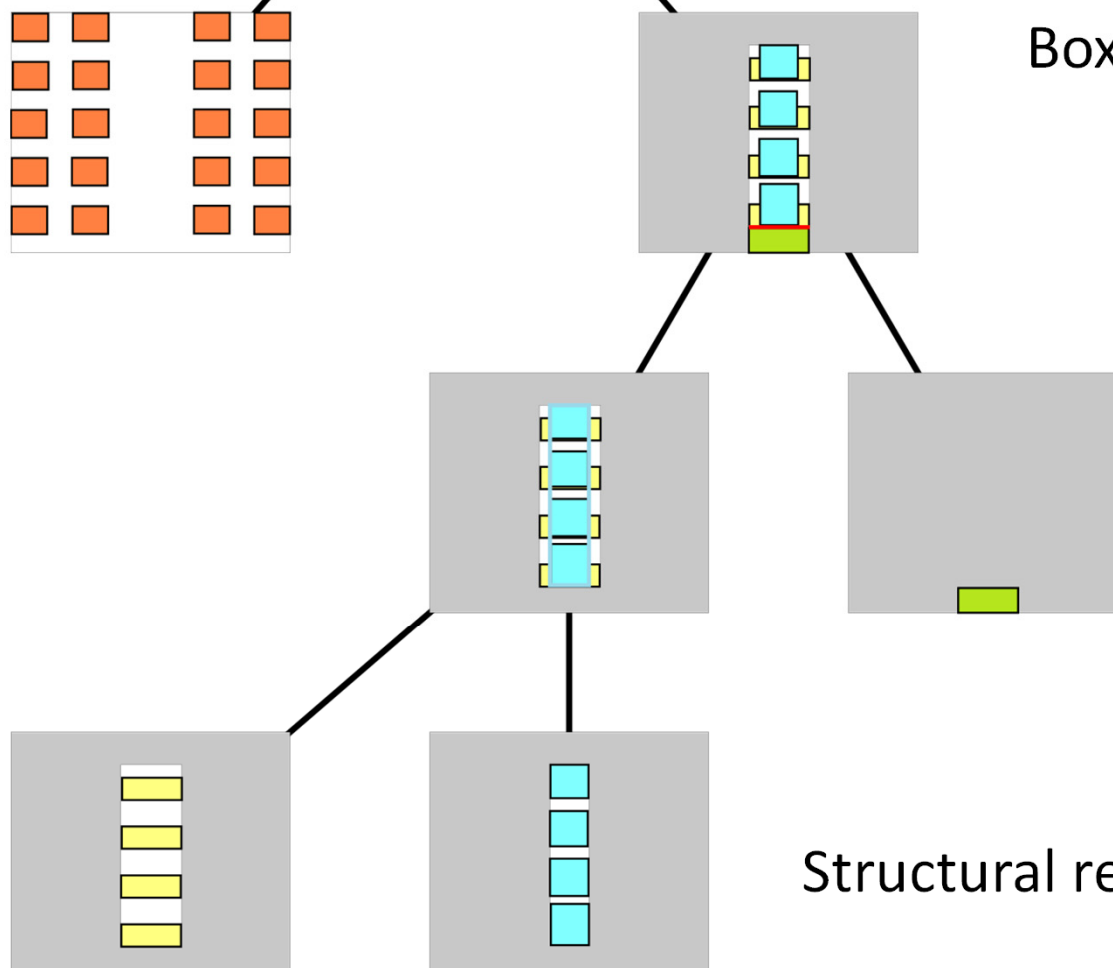
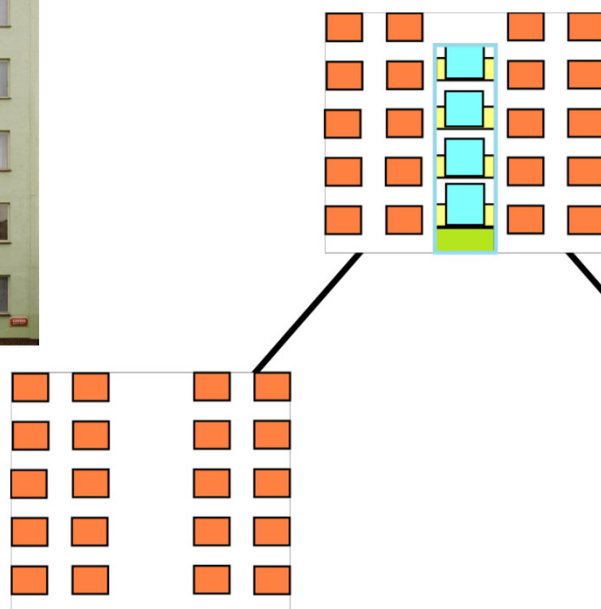


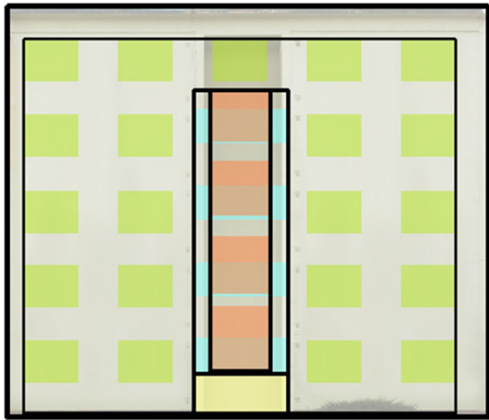


Retargeting results

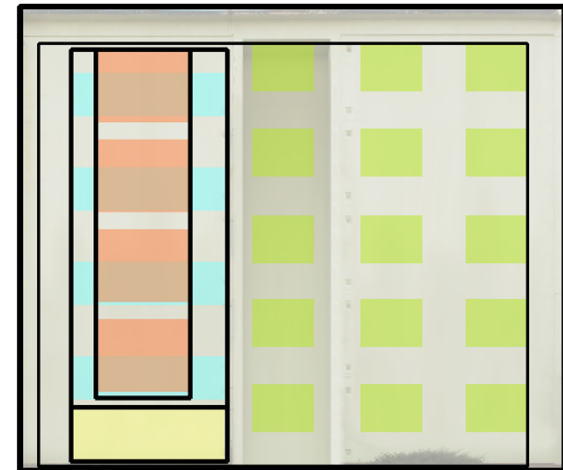
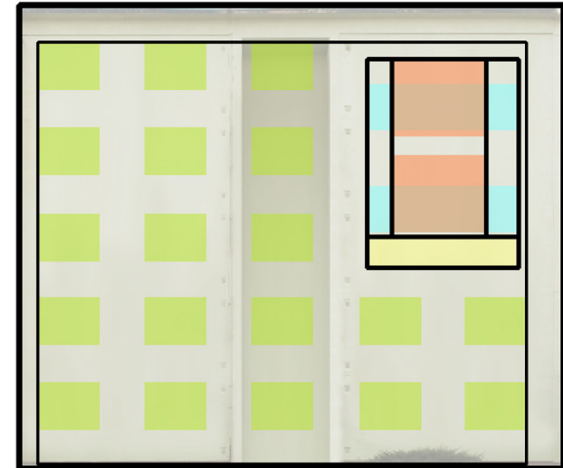


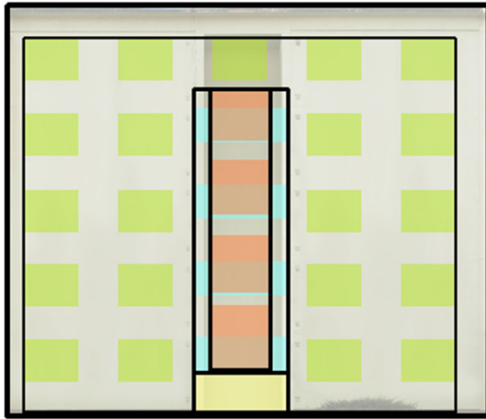
Façade 5



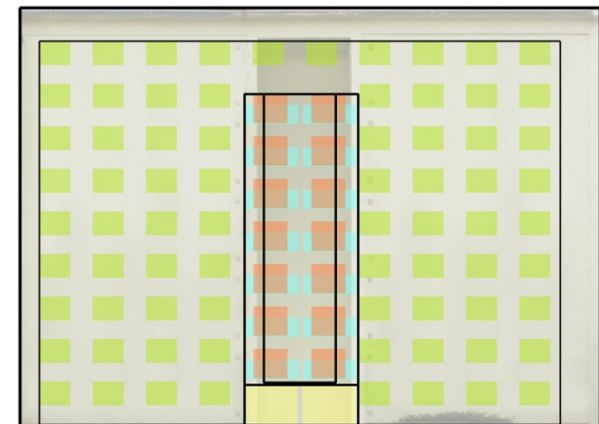
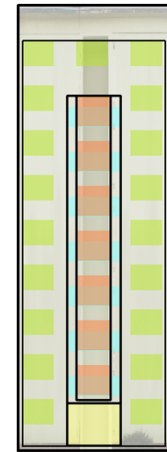


Editing results





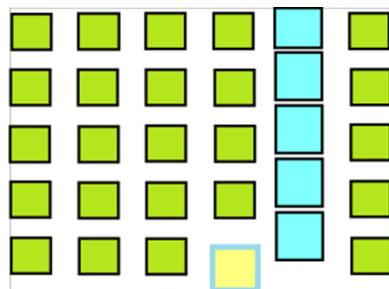
Retargeting results



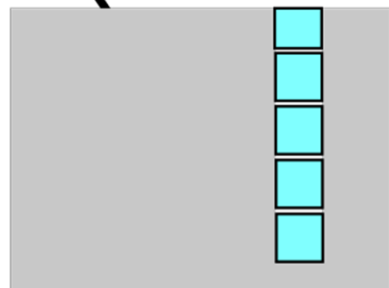
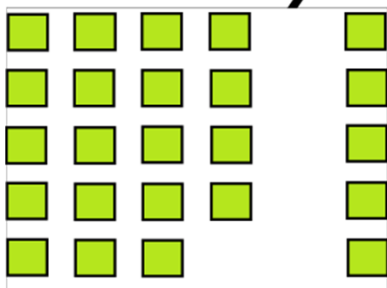
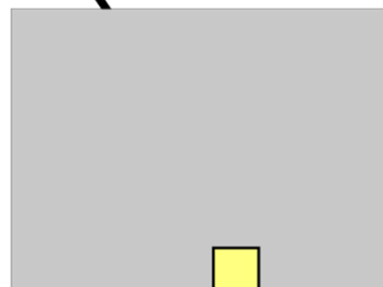
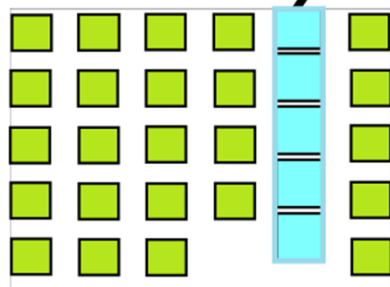
Façade 6



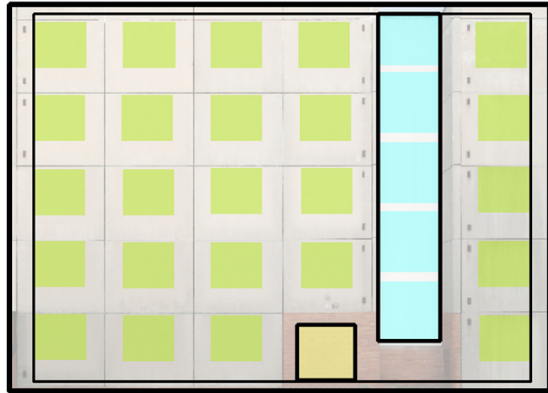
Input



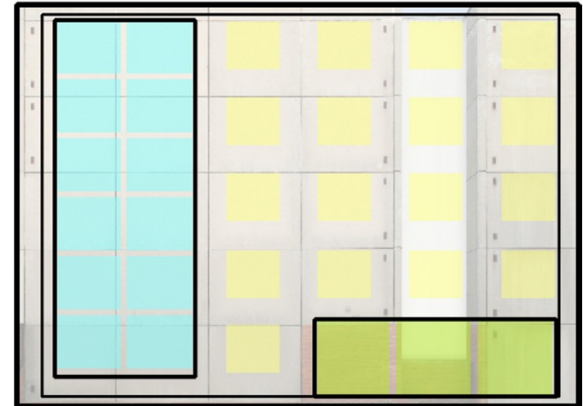
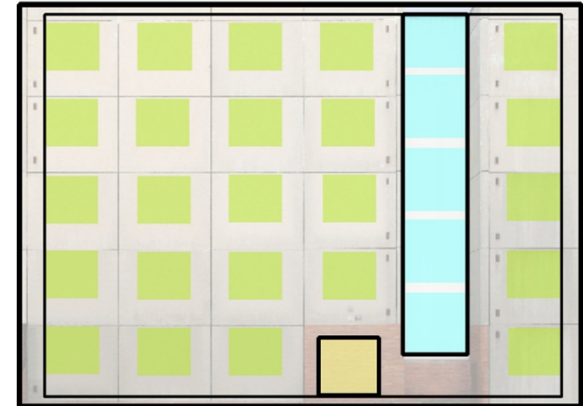
Box abstraction



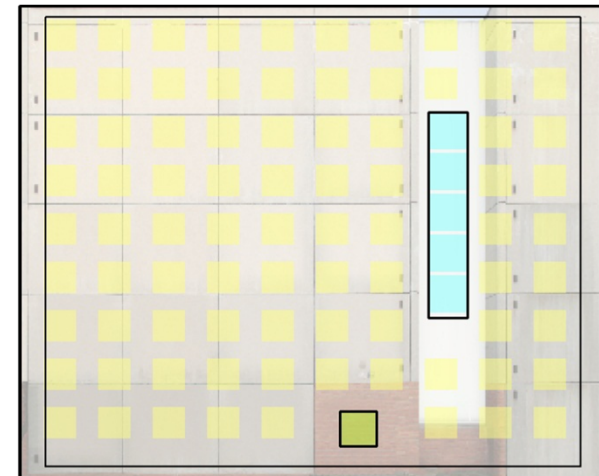
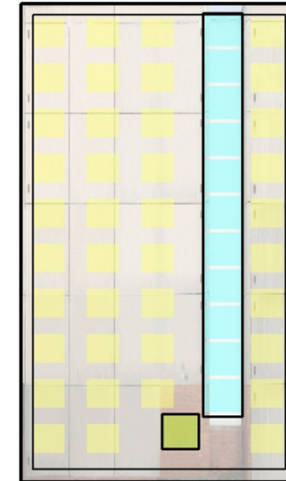
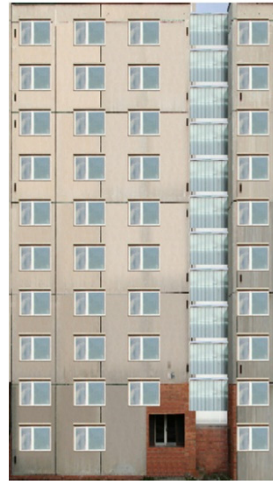
Structural representation



Editing results



Retargeting results



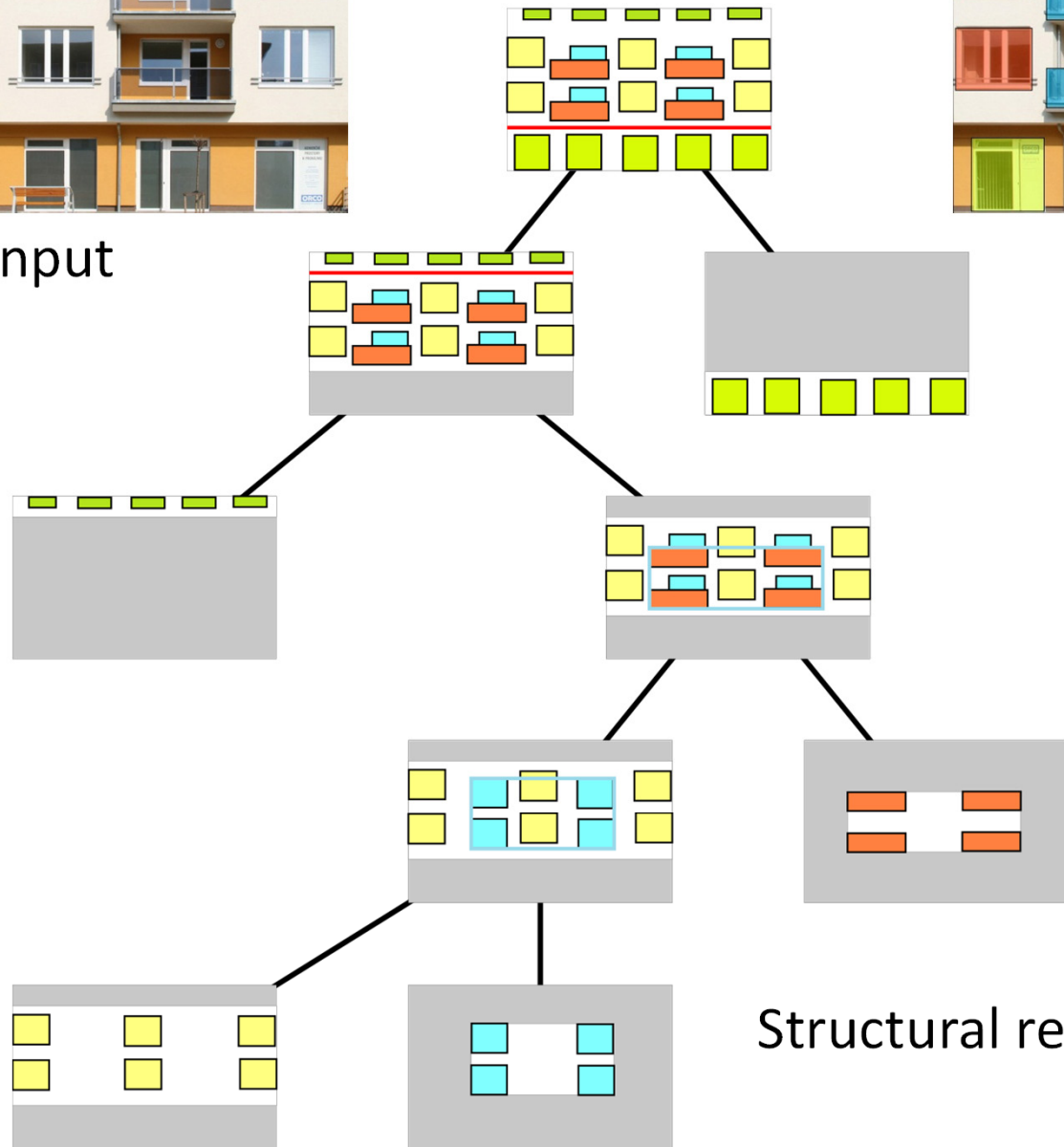
Façade 7



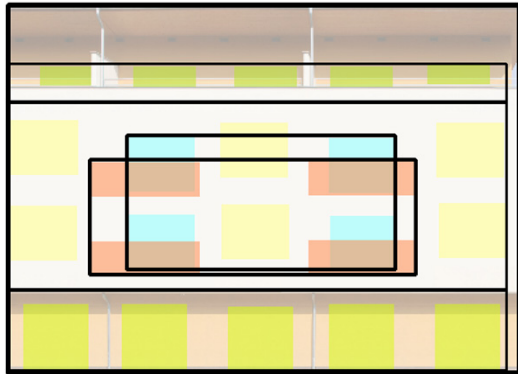
Input



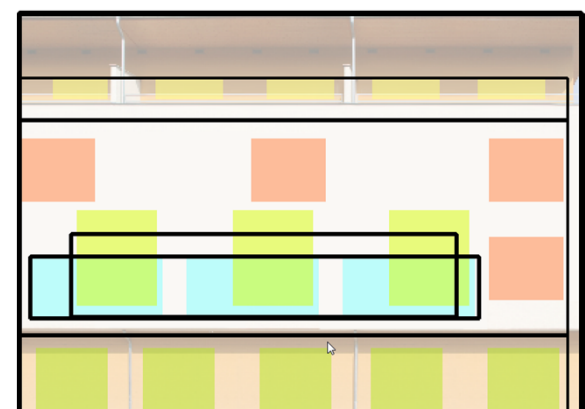
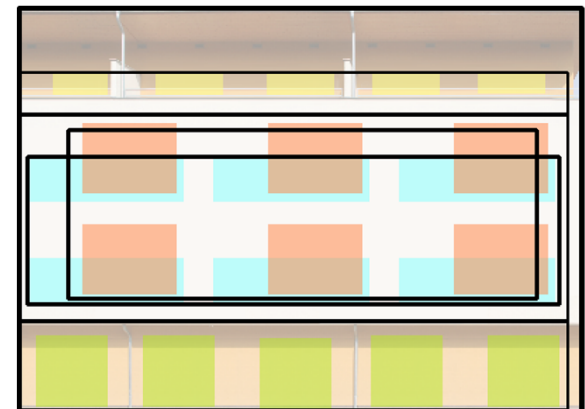
Box abstraction

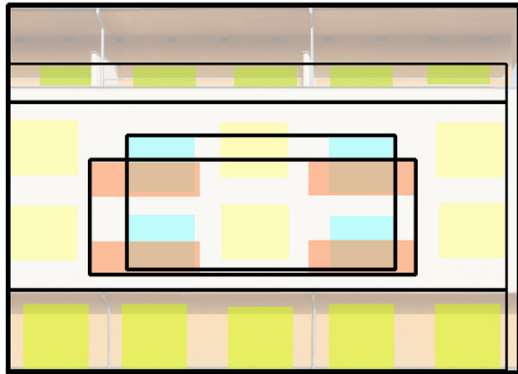


Structural representation

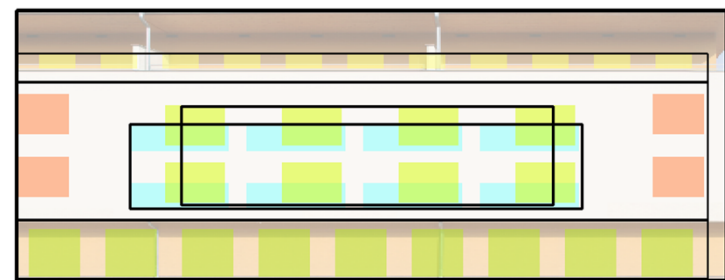
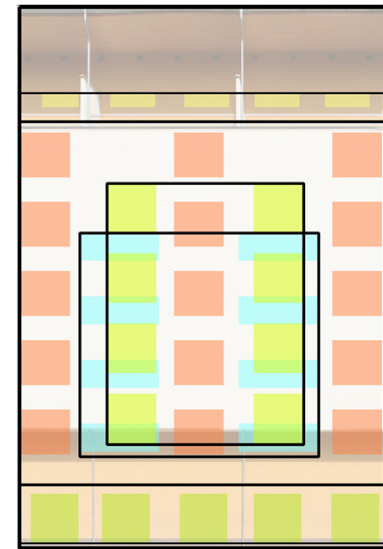


Editing results





Retargeting results



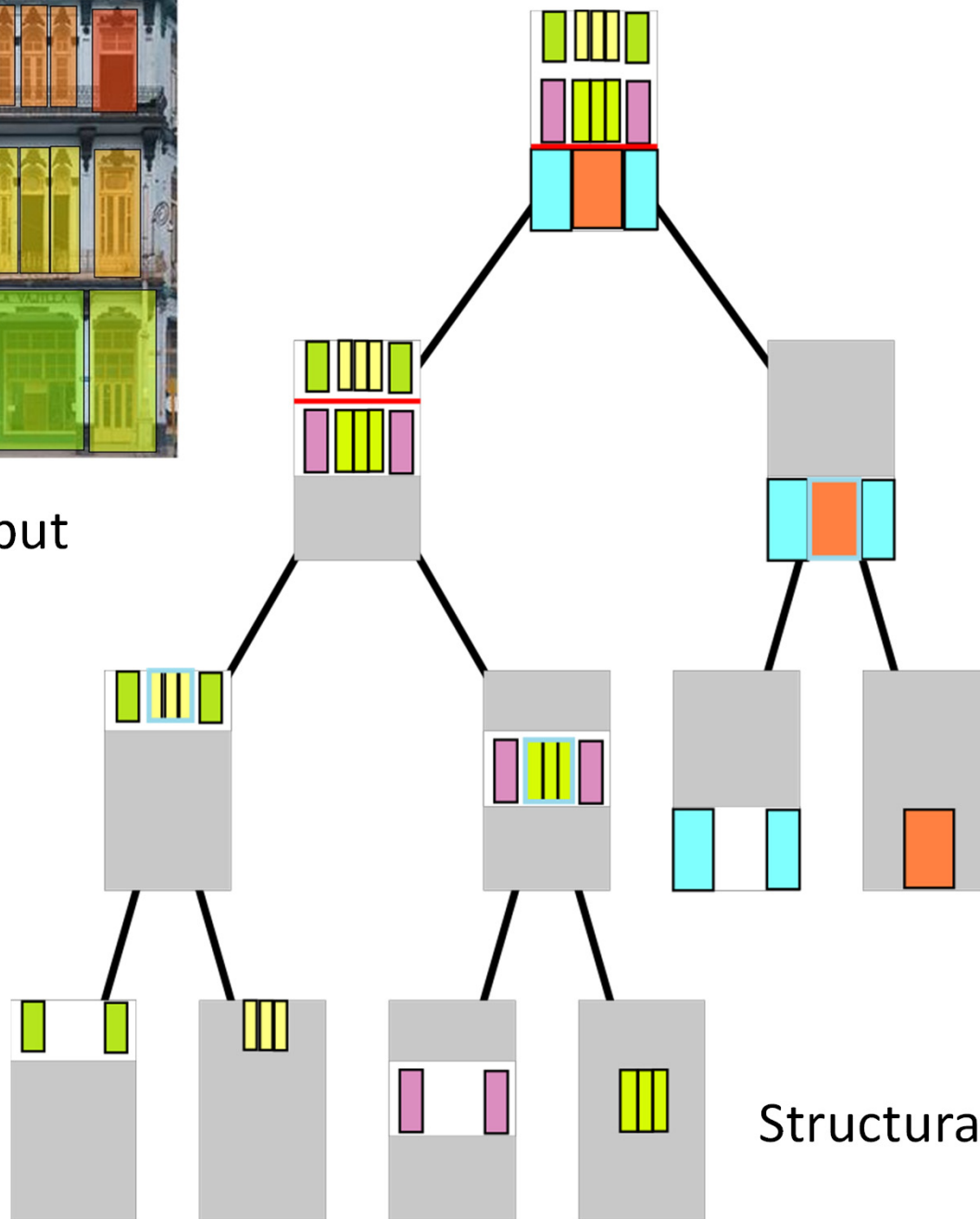
Façade 8



Input



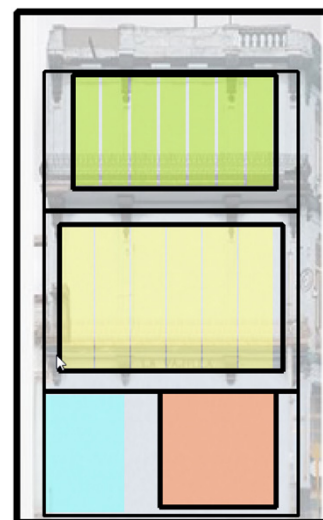
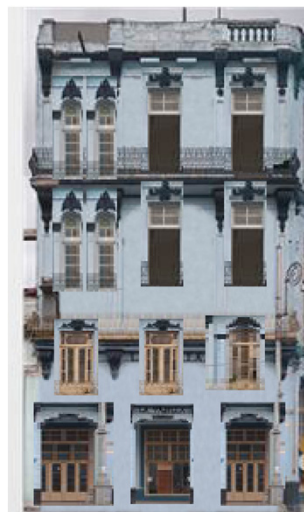
Box abstraction



Structural representation

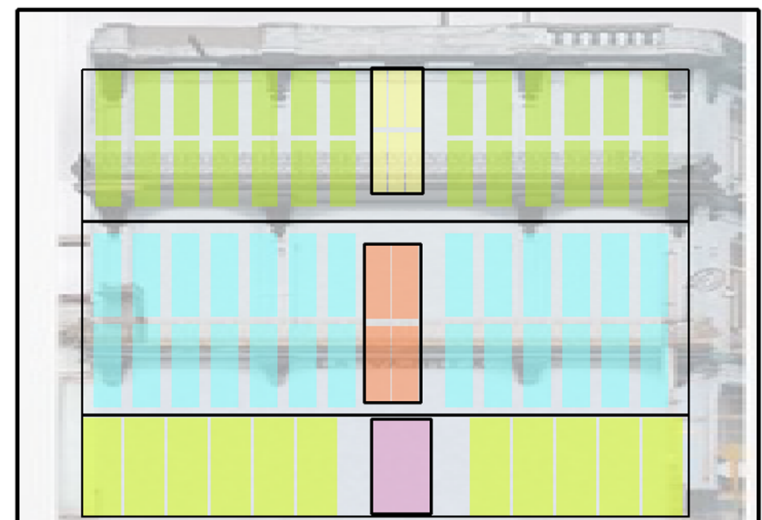
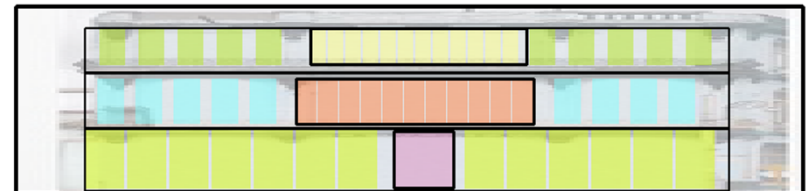


Editing results





Retargeting results



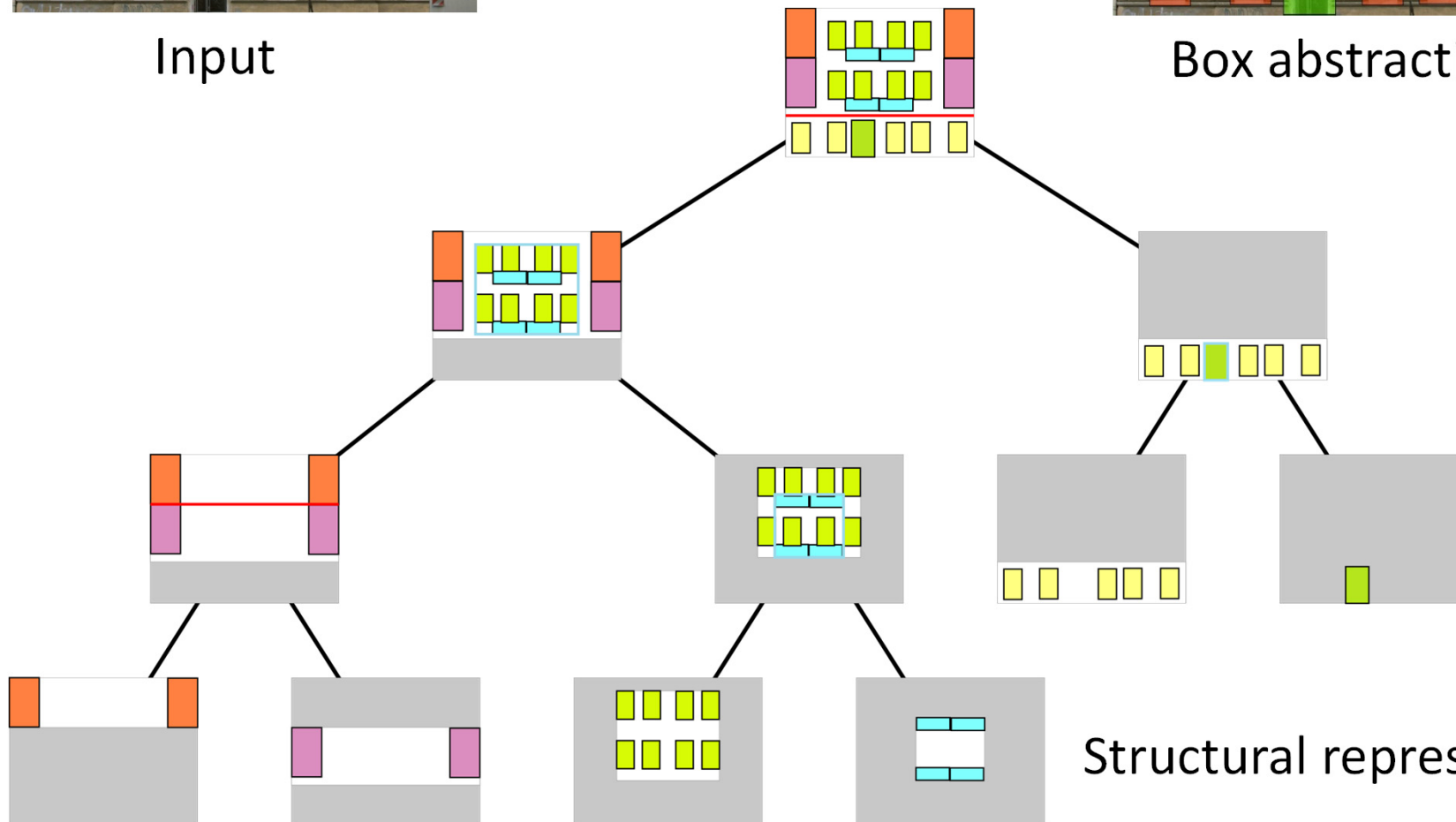
Façade 9



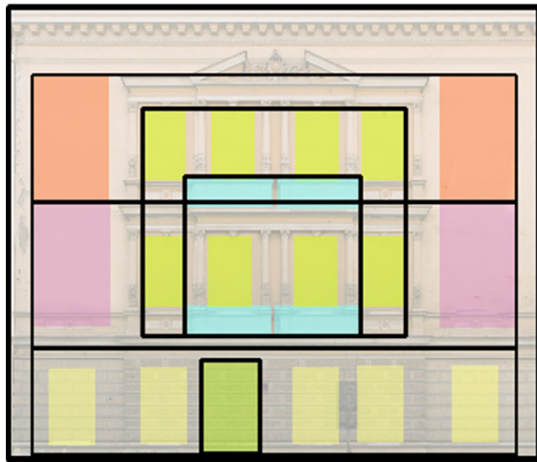
Input



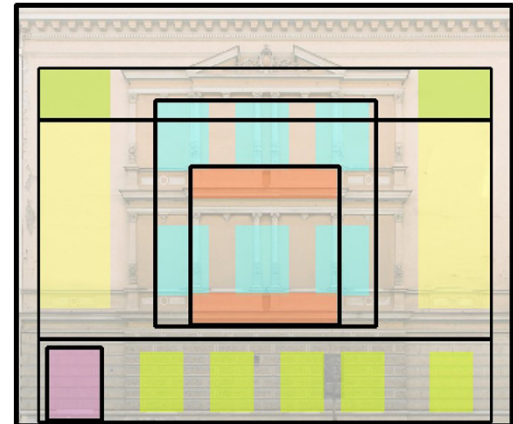
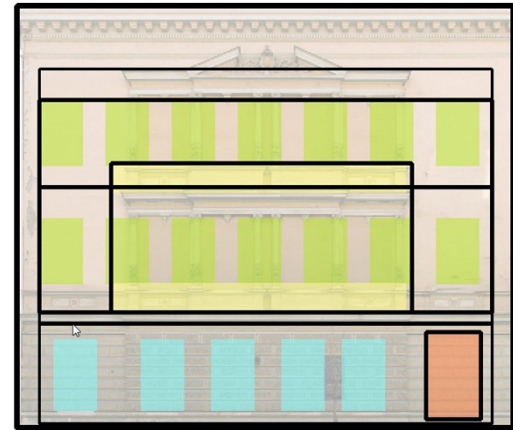
Box abstraction



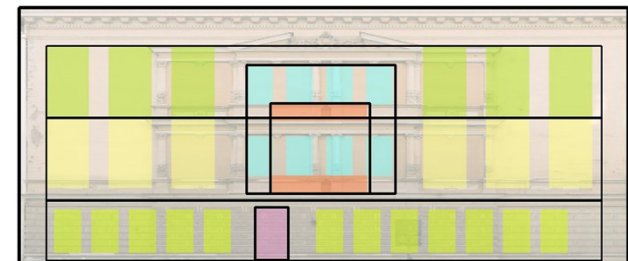
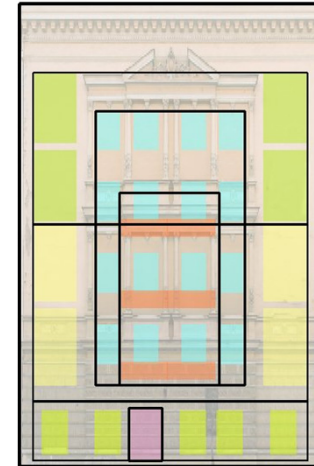
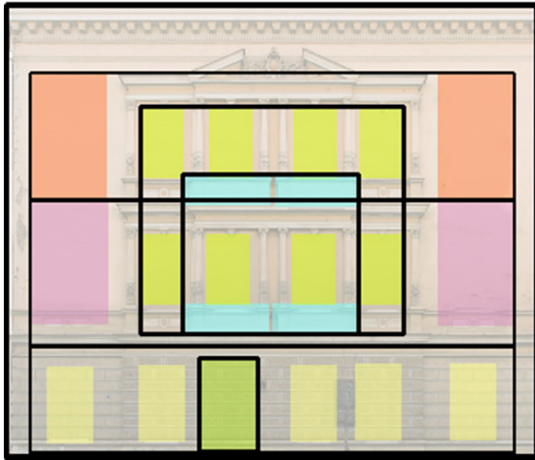
Structural representation



Editing results



Retargeting results



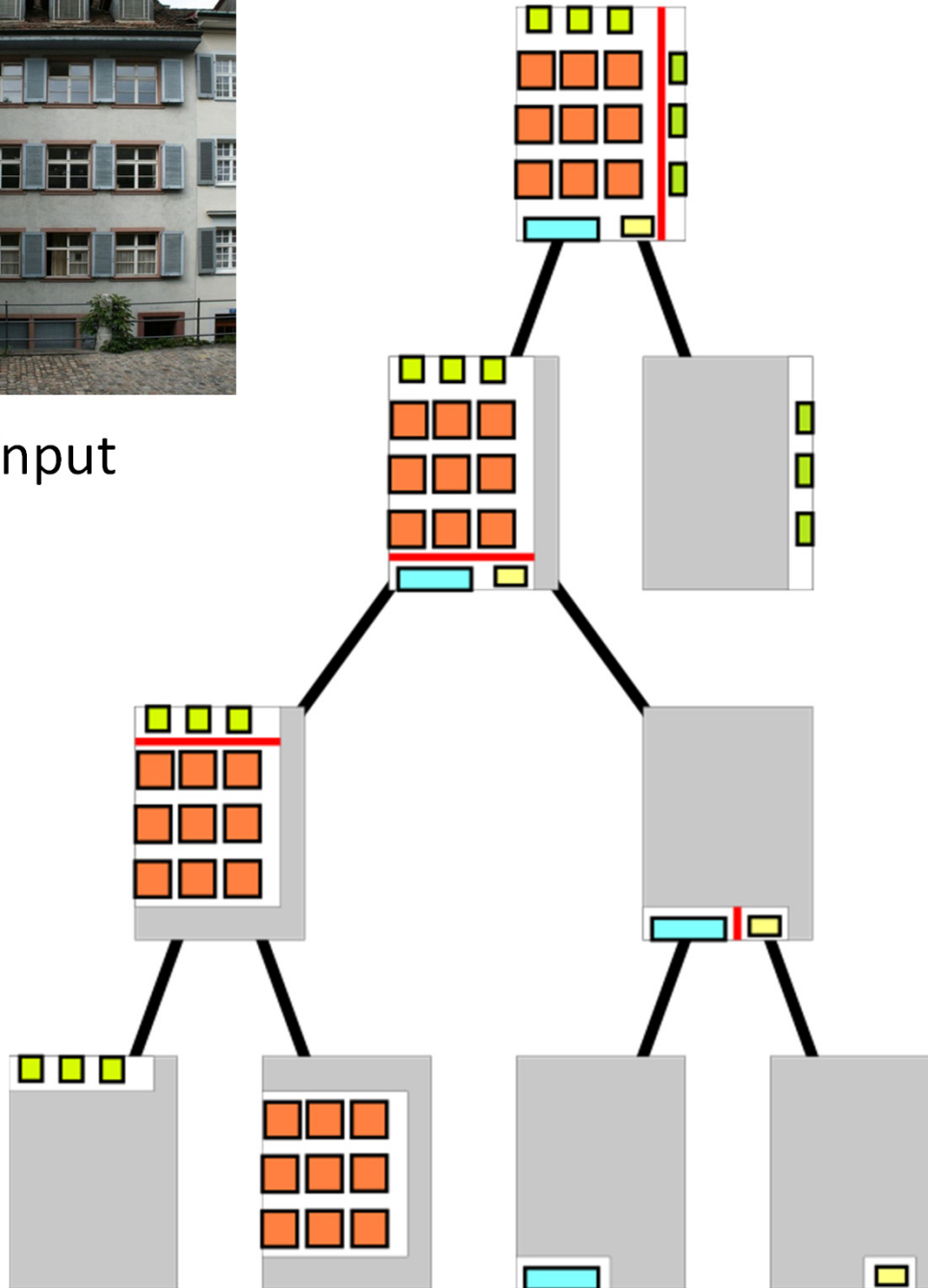
Façade 10



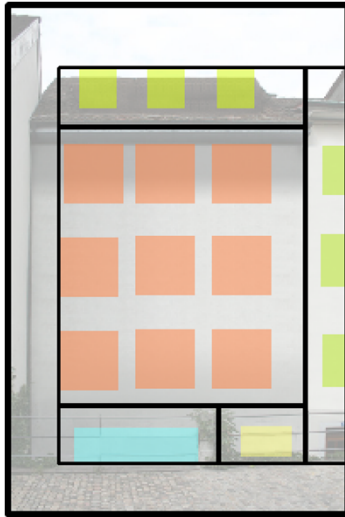
Input



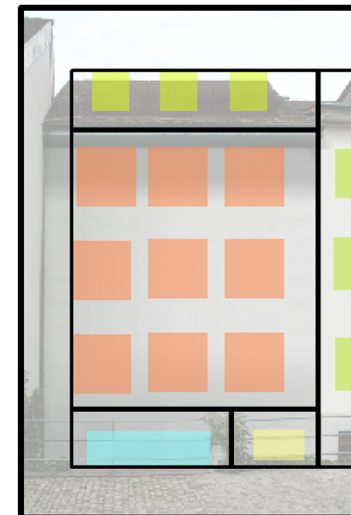
Box abstraction

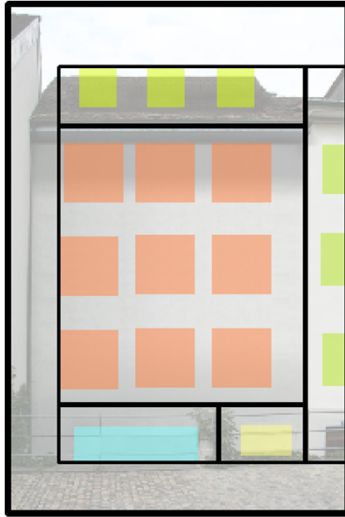


Structural representation

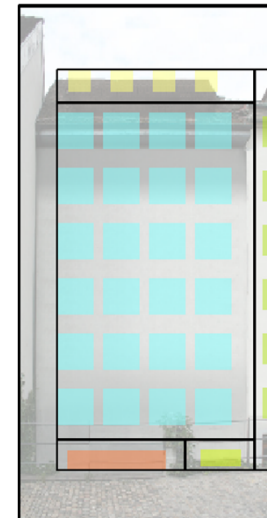


Editing results





Retargeting results



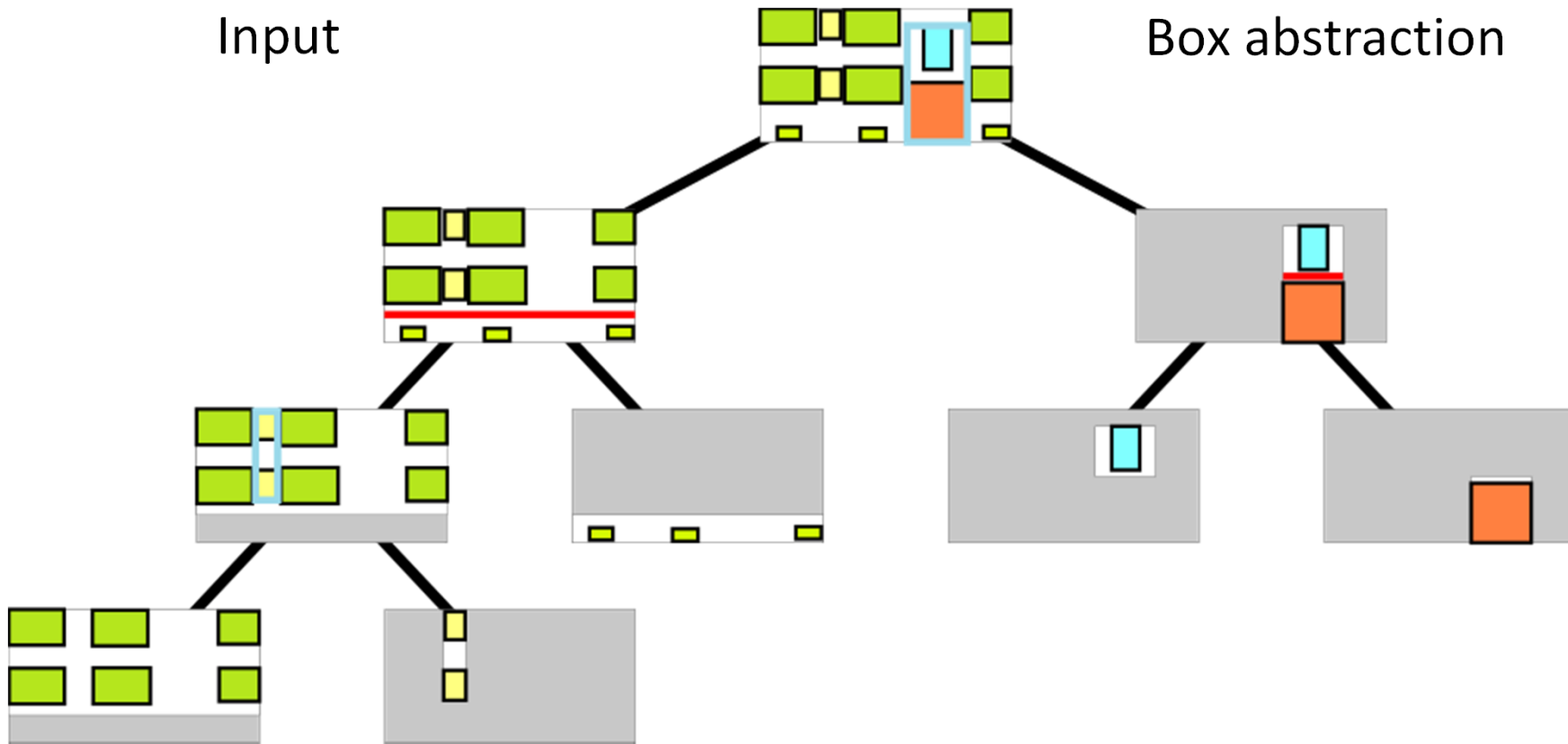
Façade 11



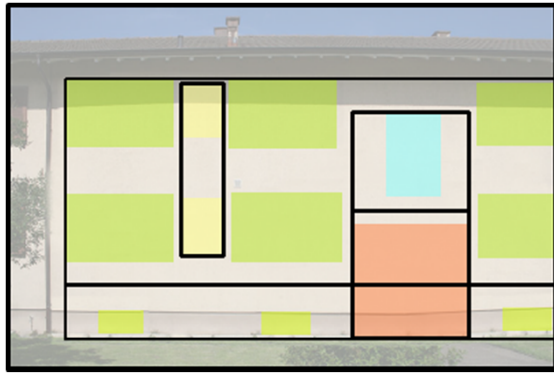
Input



Box abstraction

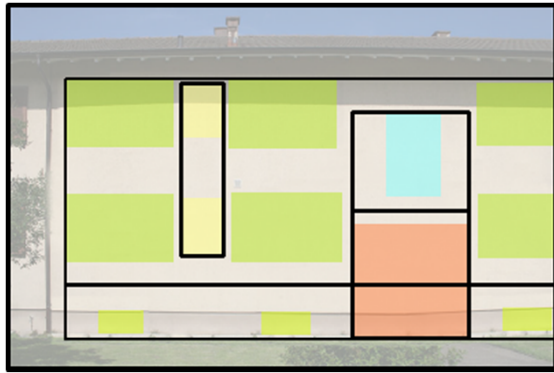


Structural representation

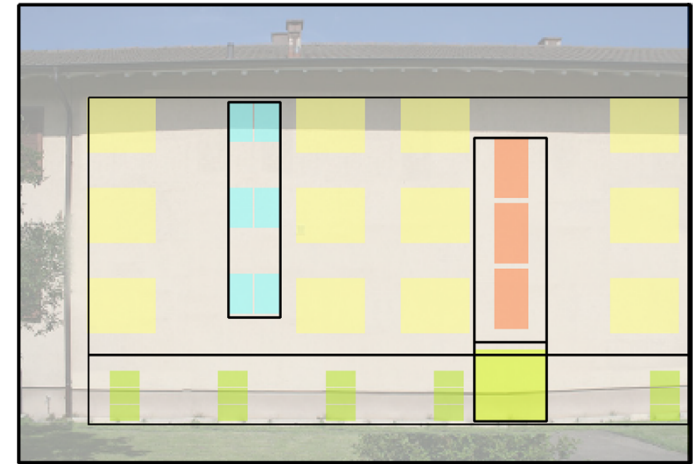
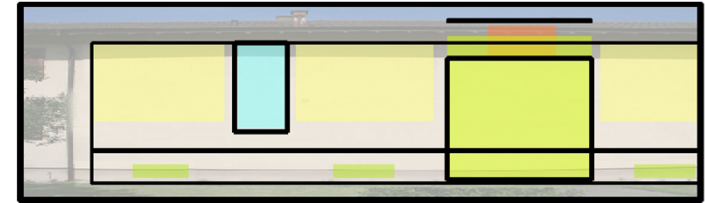


Editing results

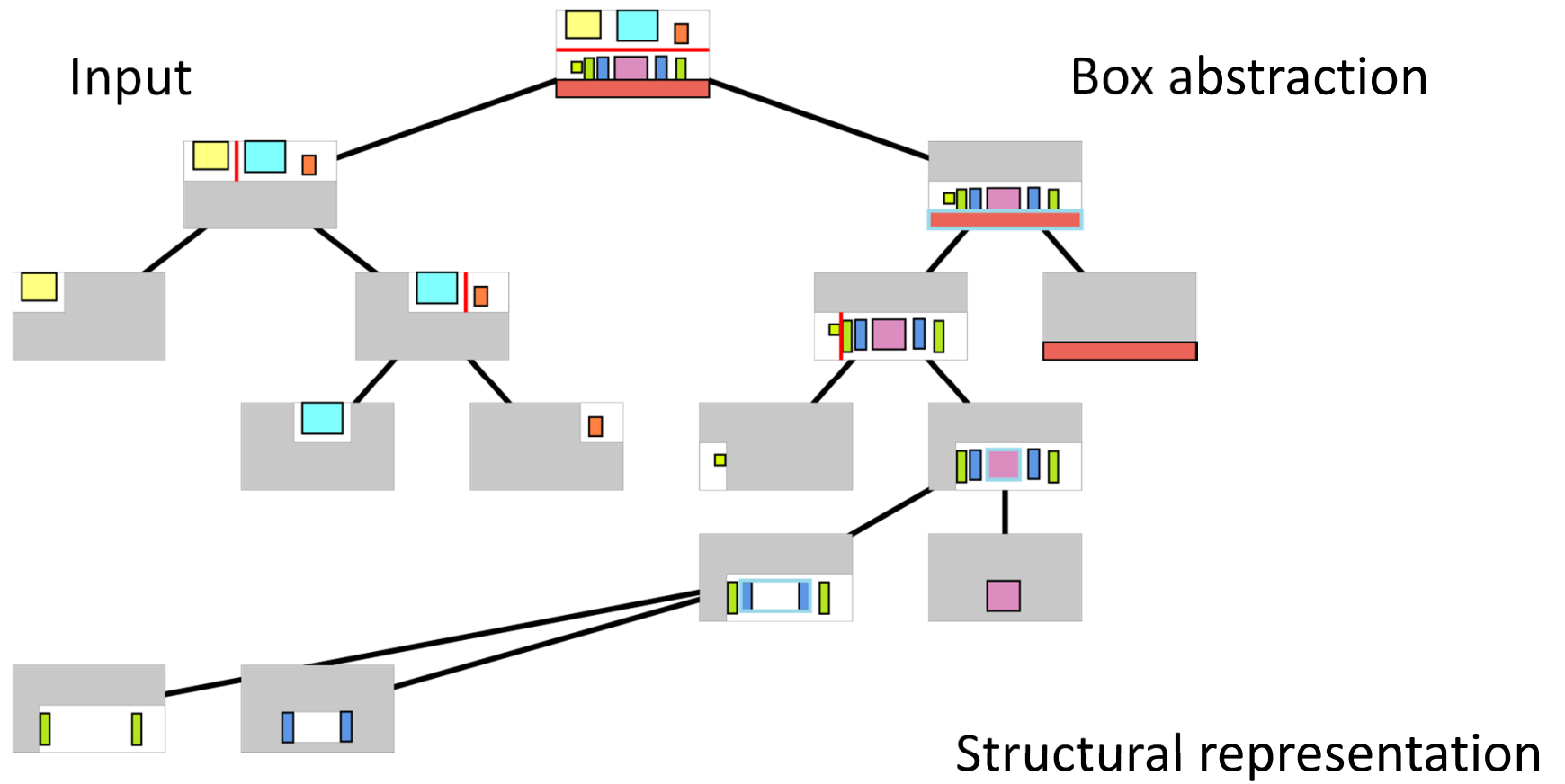


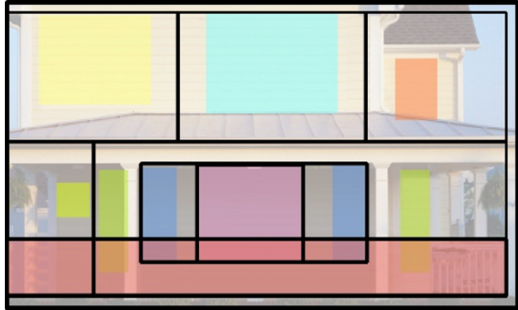


Retargeting results

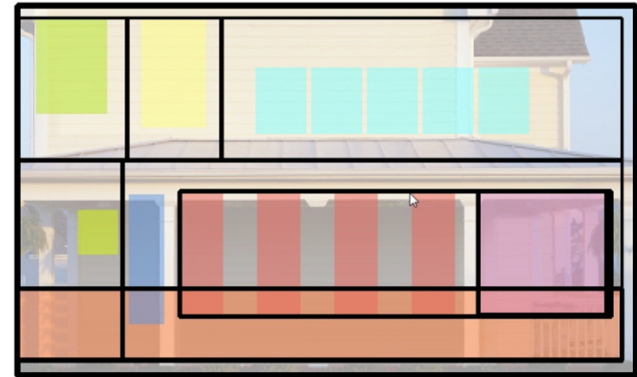
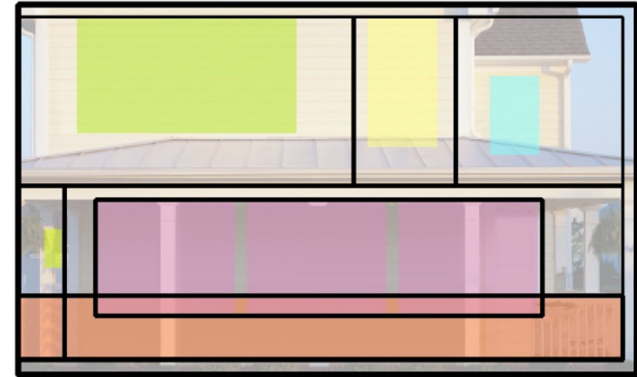


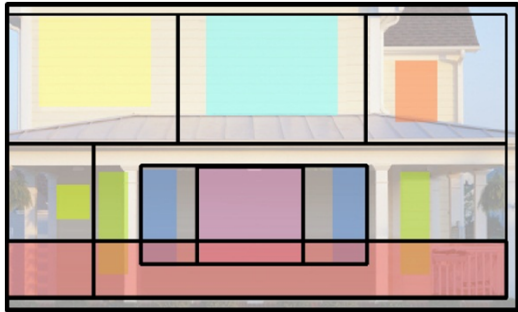
Façade 12



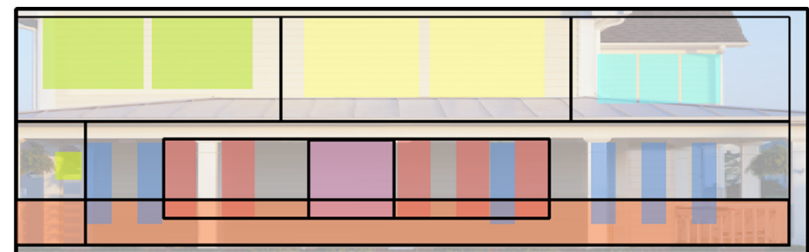
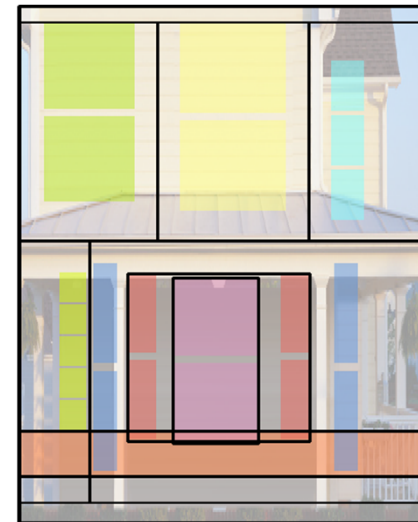


Editing results





Retargeting results



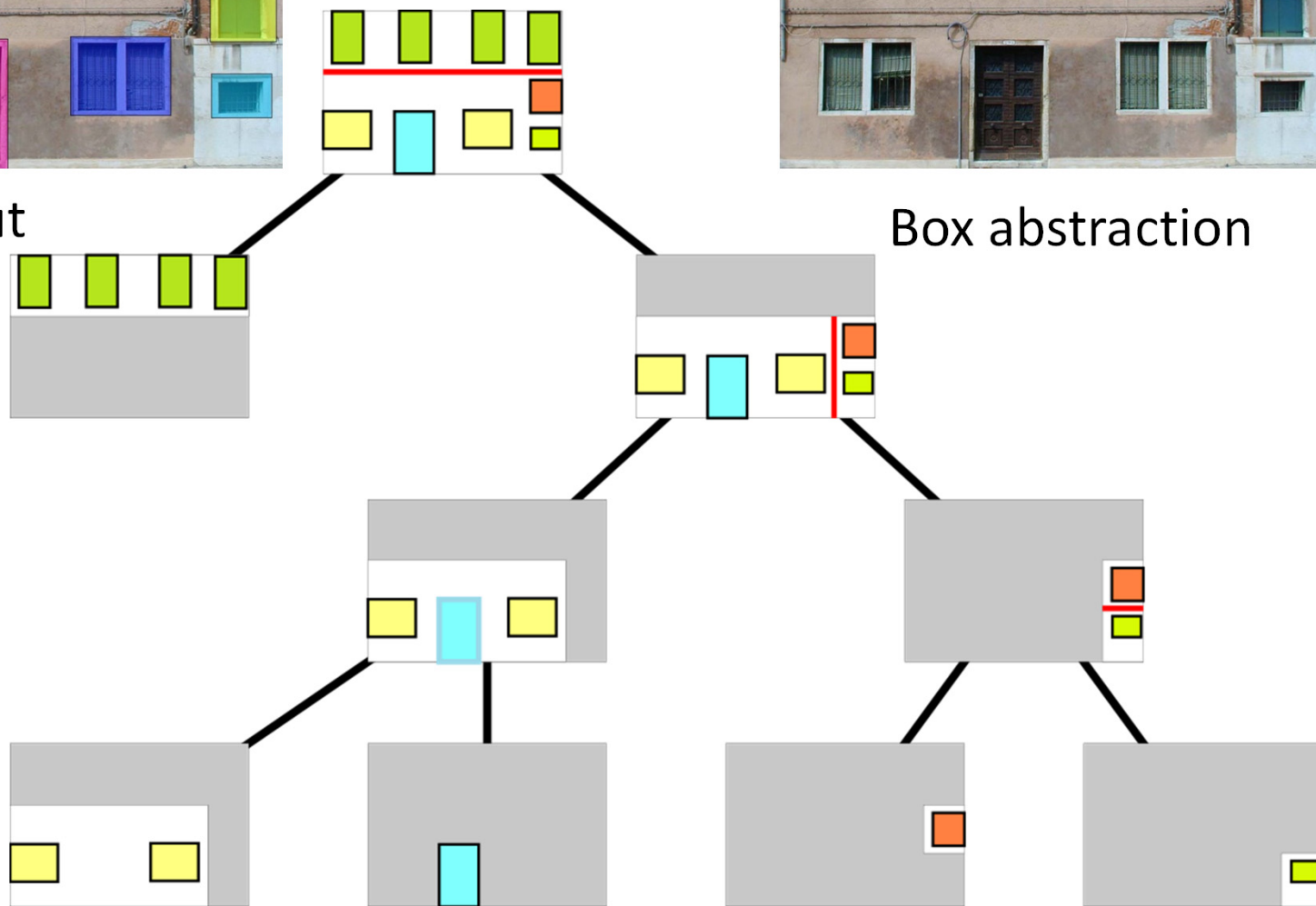
Façade 13



Input



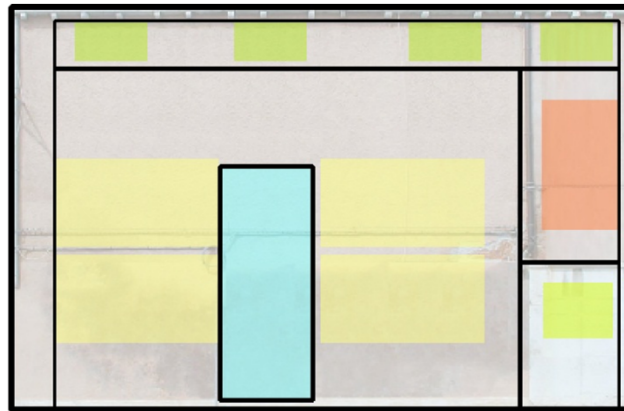
Box abstraction



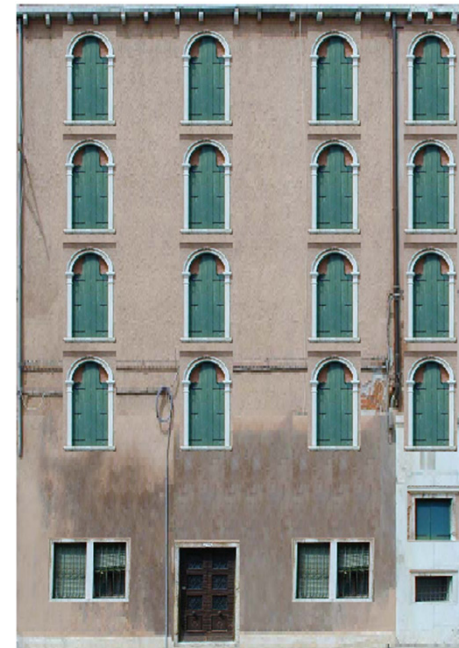
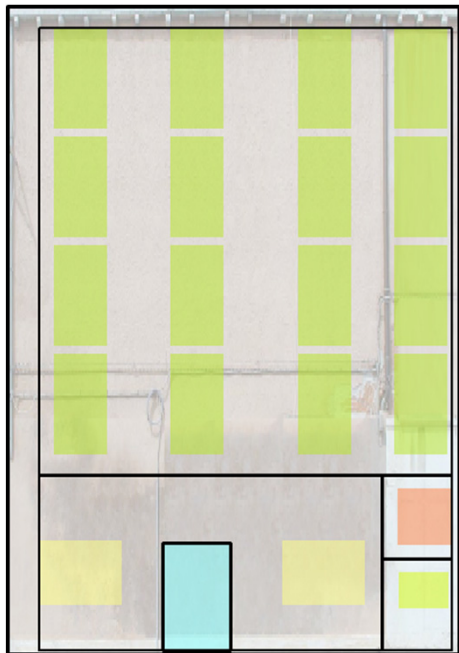
Structural representation



Editing results



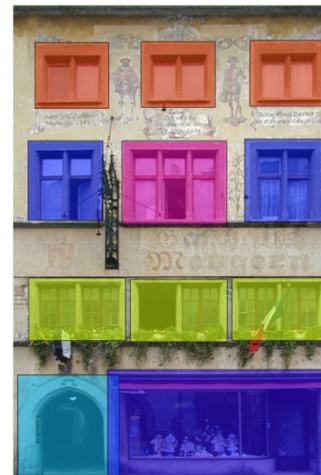
Retargeting results



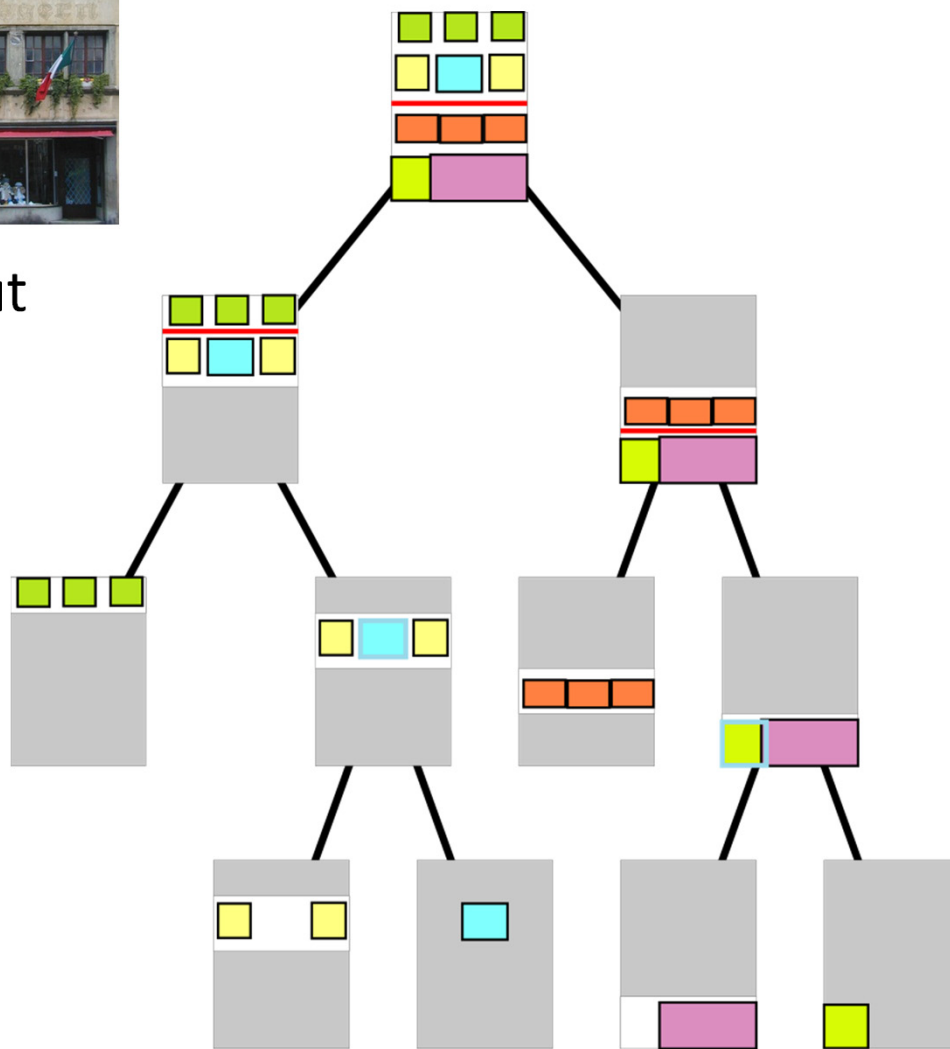
Façade 14



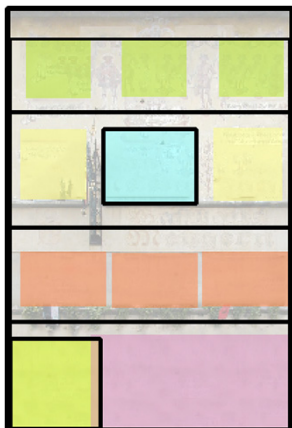
Input



Box abstraction



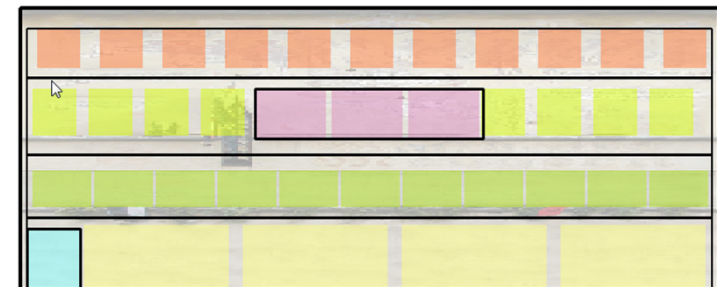
Structural representation



Editing results



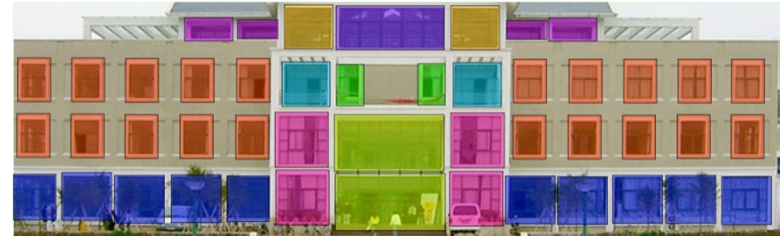
Retargeting results



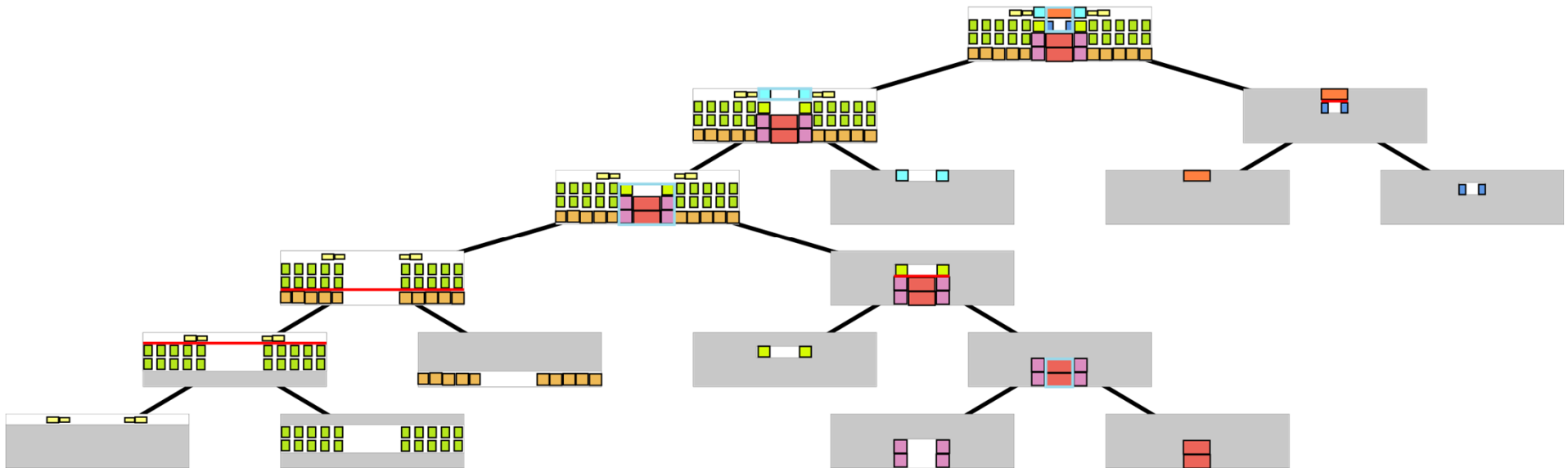
Façade 15



Input



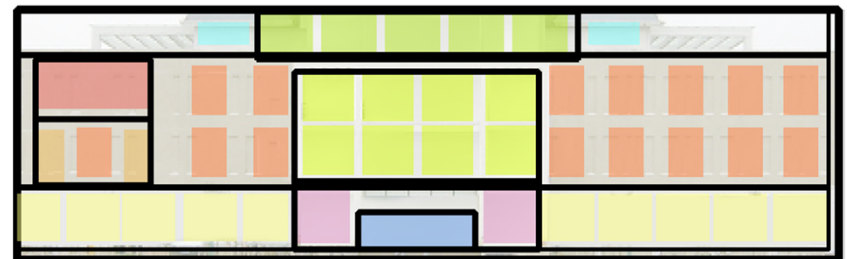
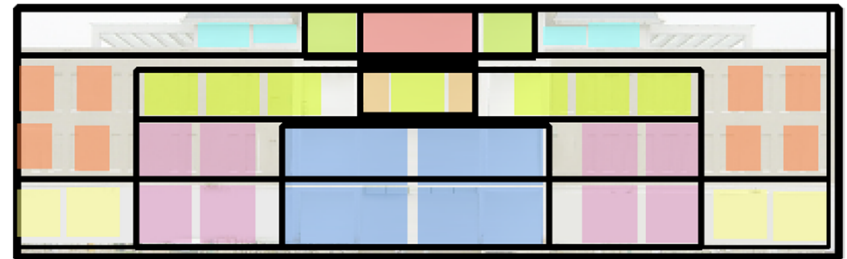
Box abstraction



Structural representation

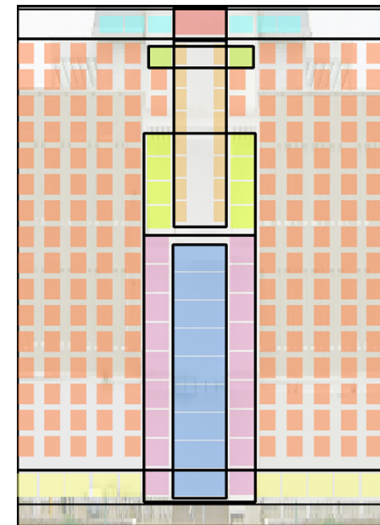
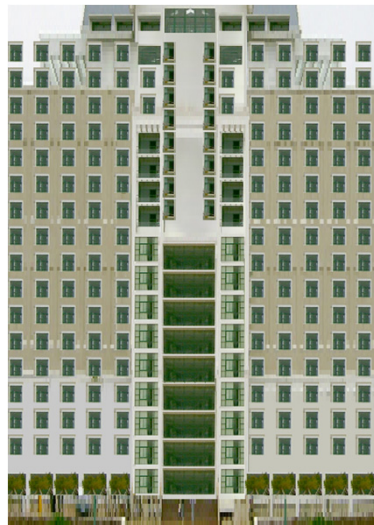
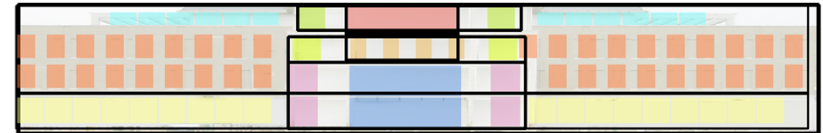


Editing results





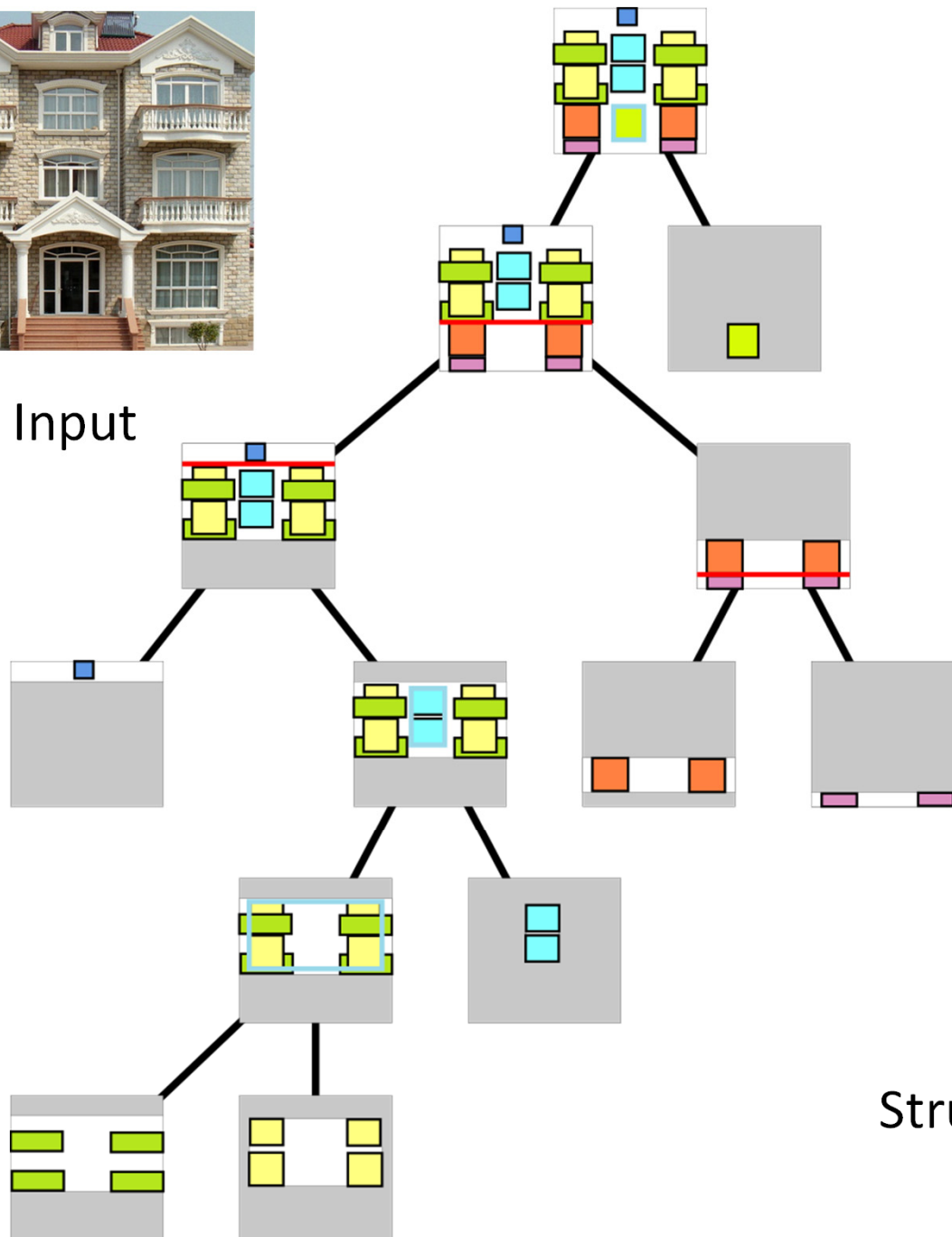
Retargeting results



Façade 16



Input

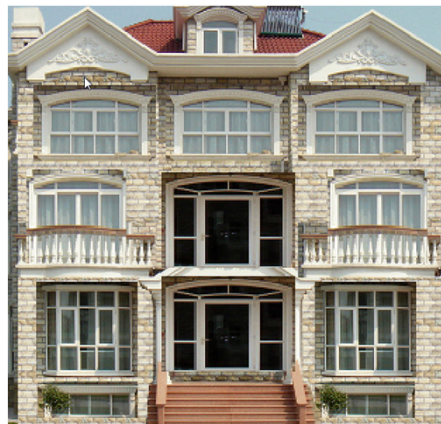
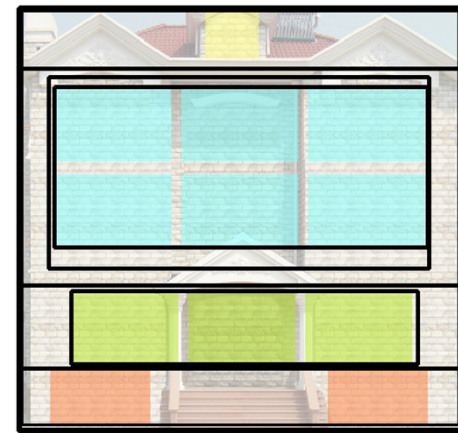


Box abstraction

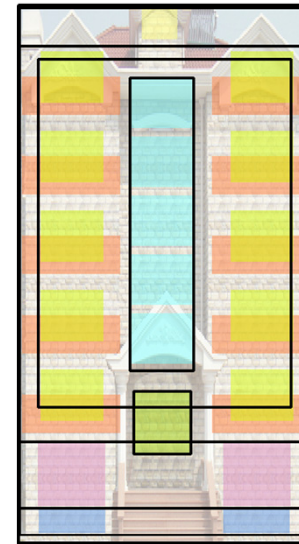
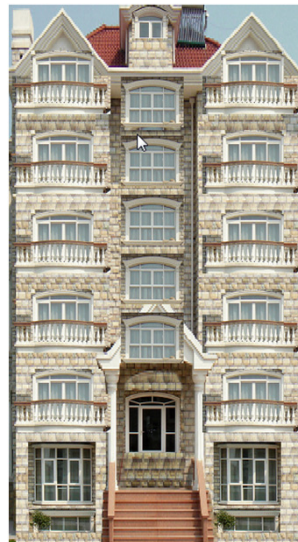
Structural representation



Editing results



Retargeting results



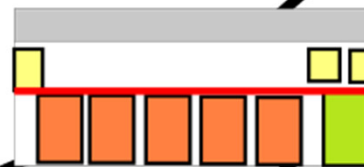
Façade 17



Input



Box abstraction



Structural representation



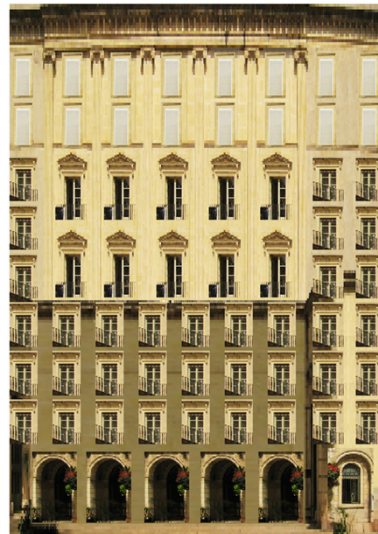


Editing results





Retargeting results



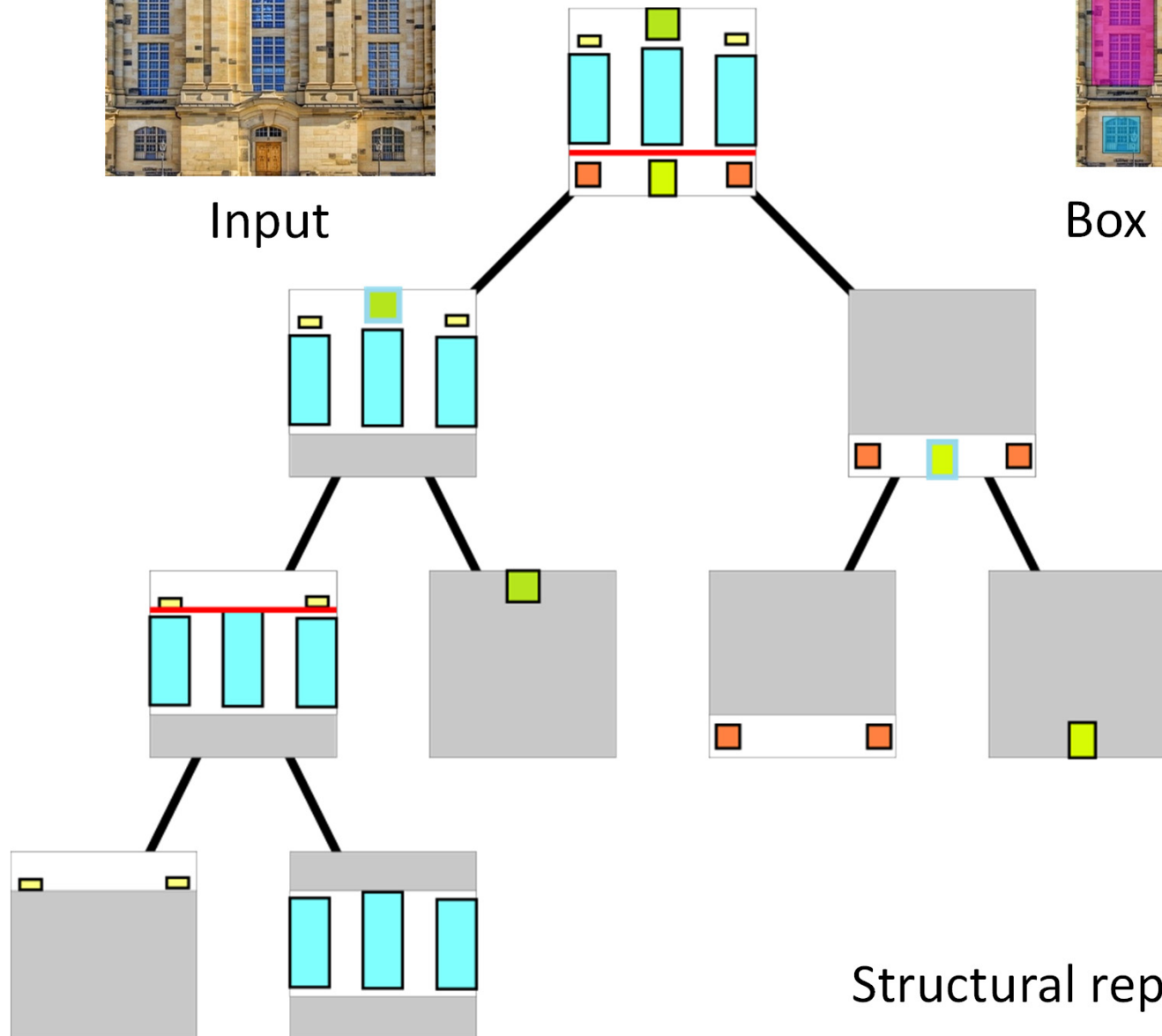
Façade 18



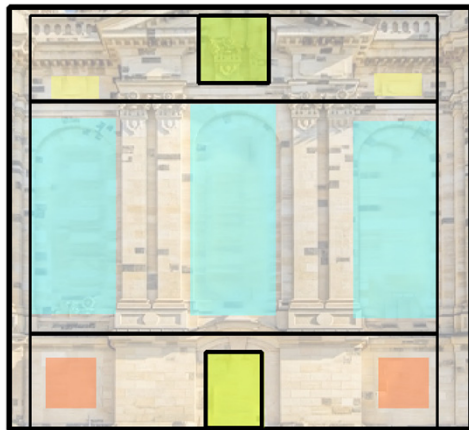
Input



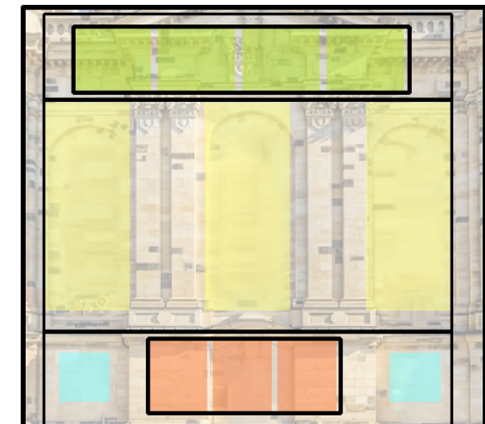
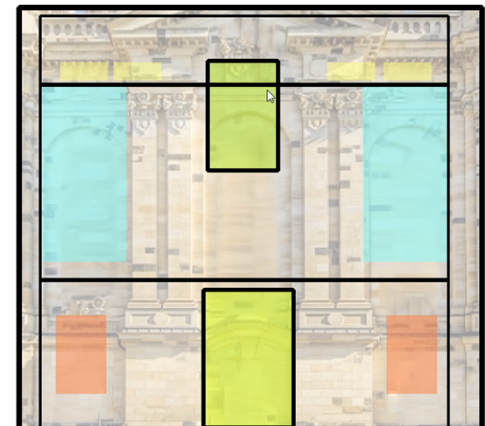
Box abstraction



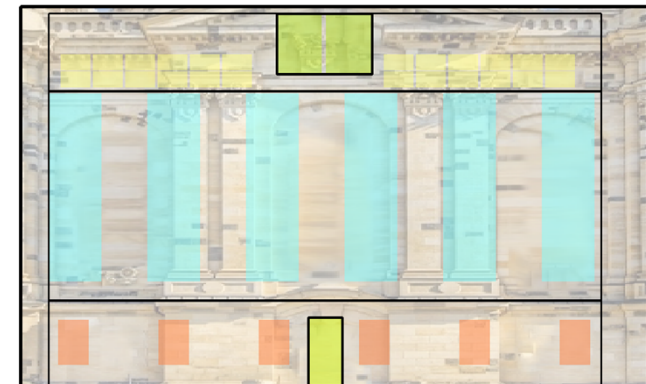
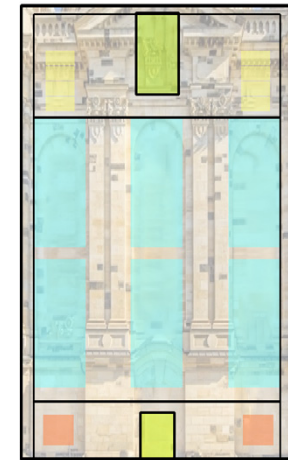
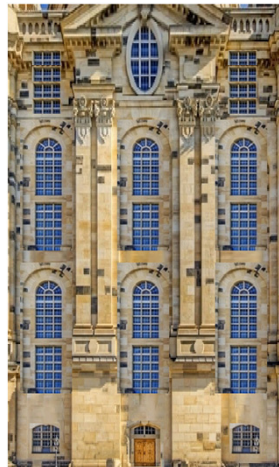
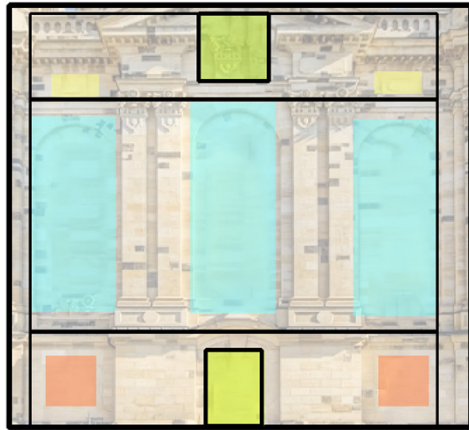
Structural representation



Editing results



Retargeting results



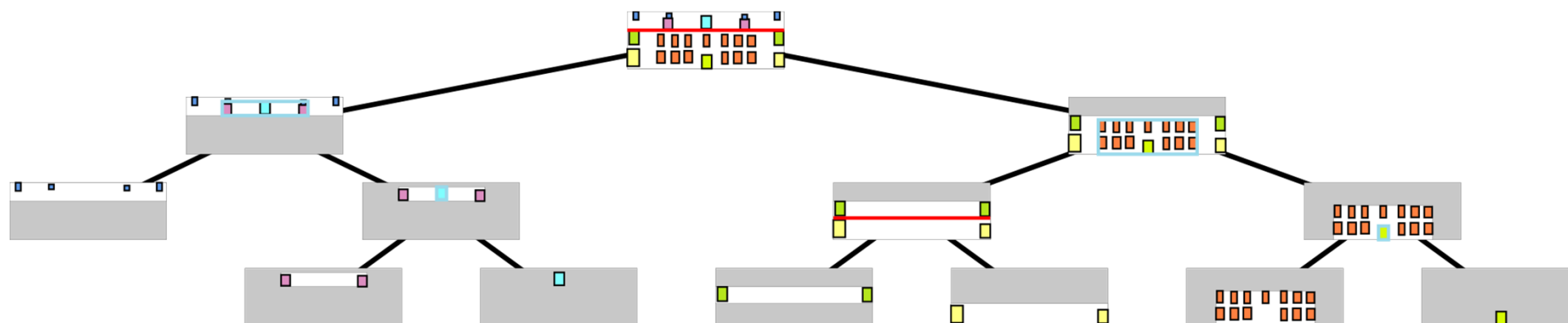
Façade 19



Input



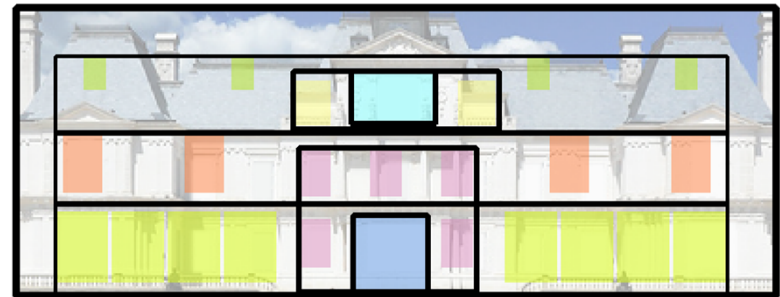
Box abstraction

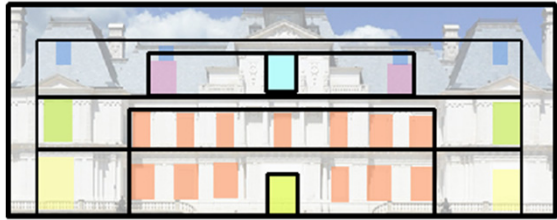


Structural representation

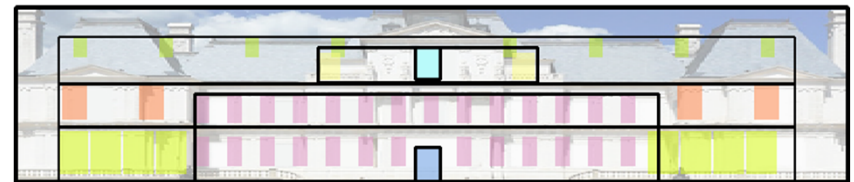


Editing results





Retargeting results



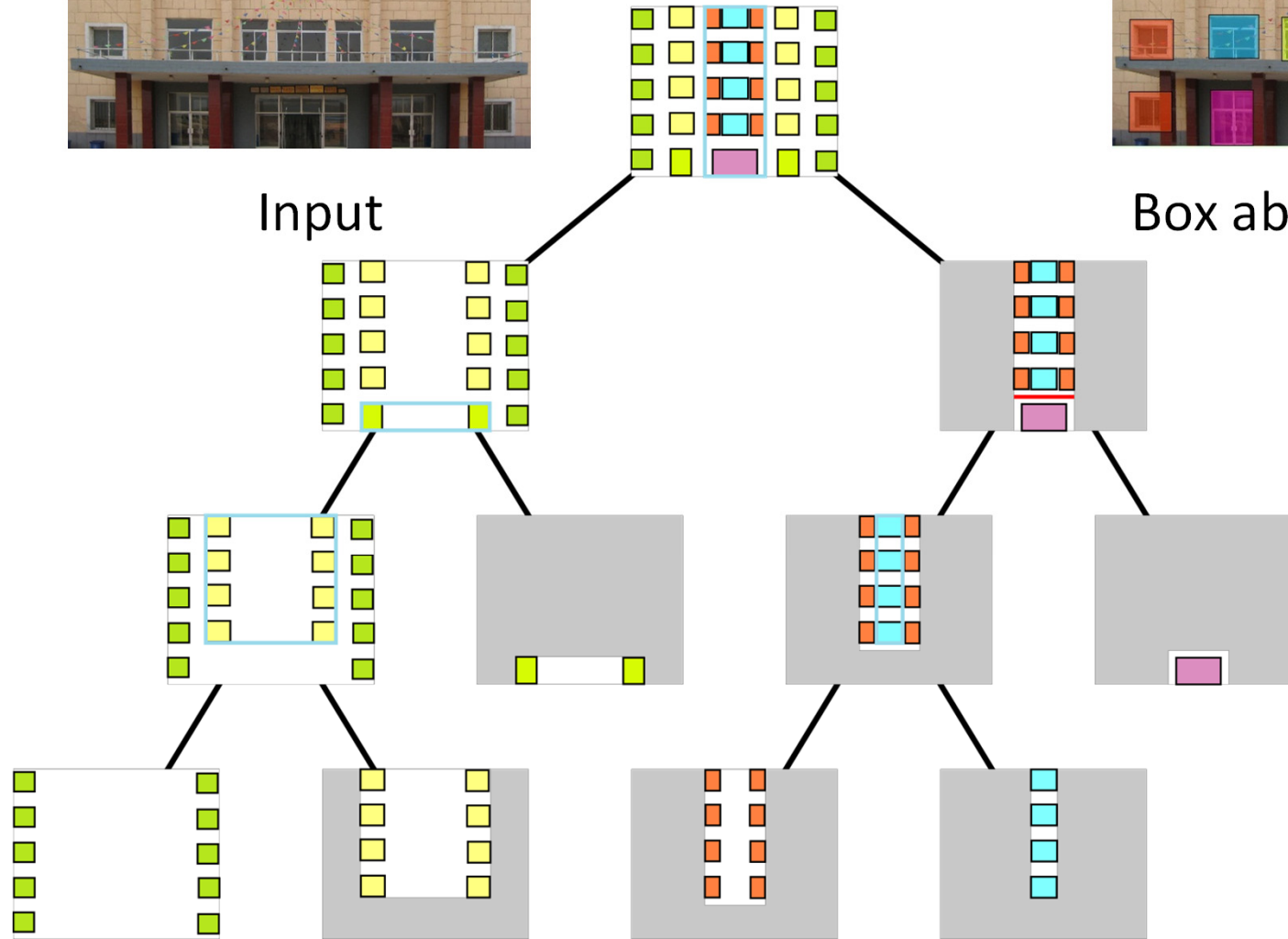
Façade 20



Input



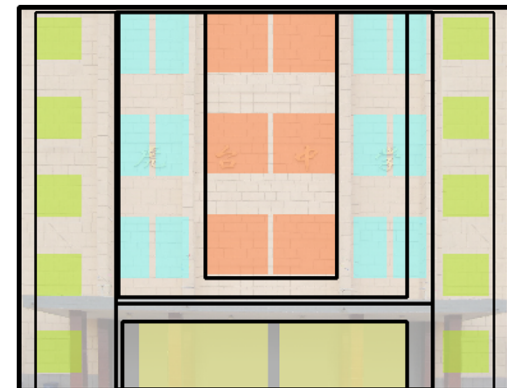
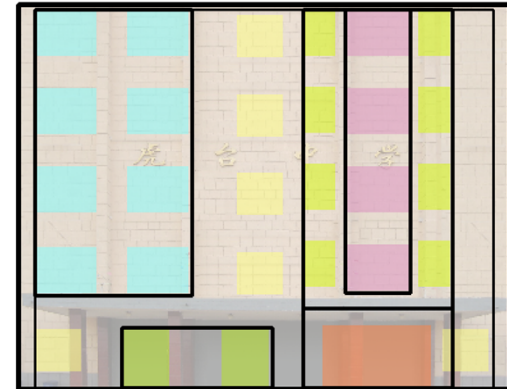
Box abstraction



Structural representation

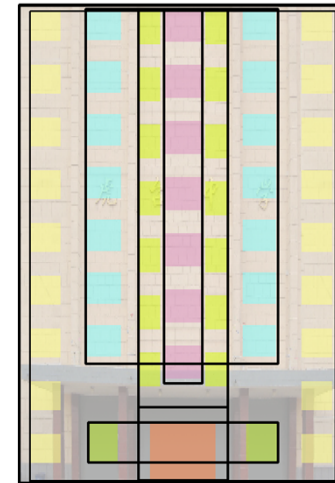
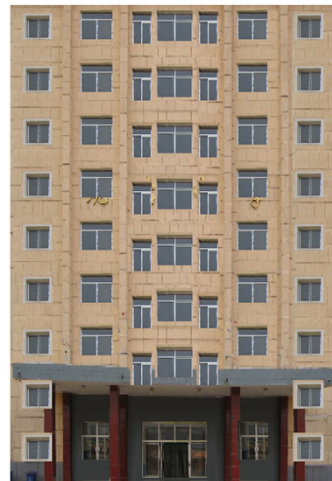
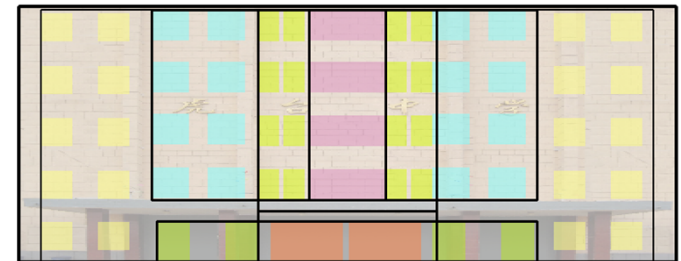


Editing results





Retargeting results



Hierarchies of additional 30 façades

