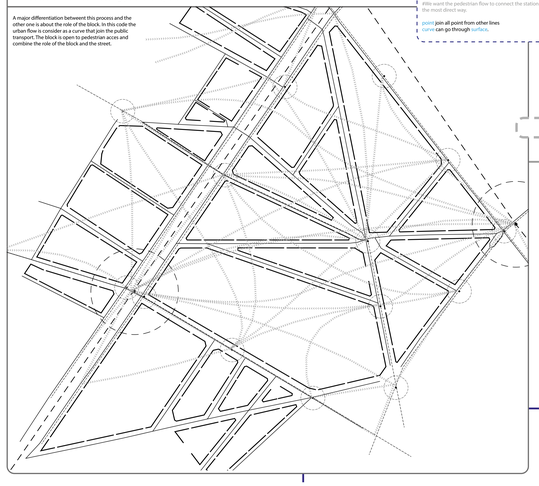
Process

This code is using the same process as the Haussmannian Code. If there are similarities with the decoupage of the parcels or the relation between the width of the street and the height of the volume, the context has a major role here.
The urban flow, the wind or the solar acces are different parameter that define the shape of this new block.

F1 Pedestrian flow connecting public tansport

A major differentiation between this process and the other one is about the role of the block. In this code the urban flow is consider as a curve that join the public transport. The block is open to pedestrian acces and combine the role of the block and the street.



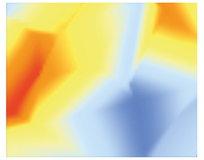
Data input
Pedestrian Flow as curve
Public Transport station as point
Block as surface

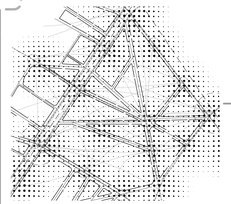
#We want the pedestrian flow to connect the station the most direct way.

point join all point from other lines
curve can go through surface.

Urban Flow Analyze

B1 Porosity of the parcel with urban flow





Porosity inside the block is gave by the analyze of the different urban flow. The block reacted to the need of the public space or acces to the outside. Each parcel got its own porosity.

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class oEnvelop(ut.IN.New(oEnvelopTYP.HY()))
class oPlot(ut.IN.New(oPlotTYP.HY()))
class oEnv_id(ut.IN.New(oEnvelopTYP.HY()))
class oPlot_id(ut.IN.New(bool).HY())
class oEnv(ut.IN.New(bool).HY())
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class oLevel_from(ut.IN.New(int).HY())
class oEnv_id(ut.IN.New(int).HY())
class oPlot_id(ut.IN.New(int).HY())
class oEnv_id_list(ut.IN.New(clr.System.Collections.Generic.List(int)).HY())
class oEnv(ut.IN.New(bool).HY())
class oEnv_id(ut.IN.New(bool).HY())
class oEnv_id_list(ut.IN.New(bool).HY())
```