"STITCHING THE CITY BACK TO CANAL, NEW LIFE UNDER THE RAILWAY ARCHES"



LOCATION STATISTICS

22.7% 15.2%

62.1%

MUNUCIPALITIES OF MILAN



CLIMATE ANALYSIS

Solar Energy

This section discusses the total daily incident shortways sular energy reaching the surface of the ground over a wide area, taking full account of anomals variations in the length of the day, the elevation of the Sun above the horizon, and absorption by clouds and other atmospheric constituents. Shortways radiation includes visible light and ultraviolet radiation.

The average delly incident shortwave color energy experiences extreme seasonal variation over the course of the year.

The brighter period of the year lasts for 3.2 months, from thay 12 to August 18, with an average dully inclided shirtways energy per squark mater above 6.0 kWh. The brightest day of the year is July 5, with an average of 7.1 kWh.

The darker period of the year lasts for 3.6 months, from October 26 to February 13, with an everage daily incident shortwave energy per equipment below 2.5 kWh. The darkest day of the year is December 10, with an everage of 1.4 kWh.

Hours of Daylight and Twiligh

The langit of the day in Milan varies significantly over the course of the year. In 2016, the shortest day to December 22, with 8 hours, 42 minutes of daylight, the longest day is June 21, with 15 hours, 41 minutes of daylight.

The earliest source is at 5:34 AM on June 16, and the latest source is hours, 29 minutes later at ILO3 AM on January 7. The earliest source is at 4:39 PM on December 11, and the latest sunset is 4 hours, 35 minutes later at 9:15 PM on June 26.

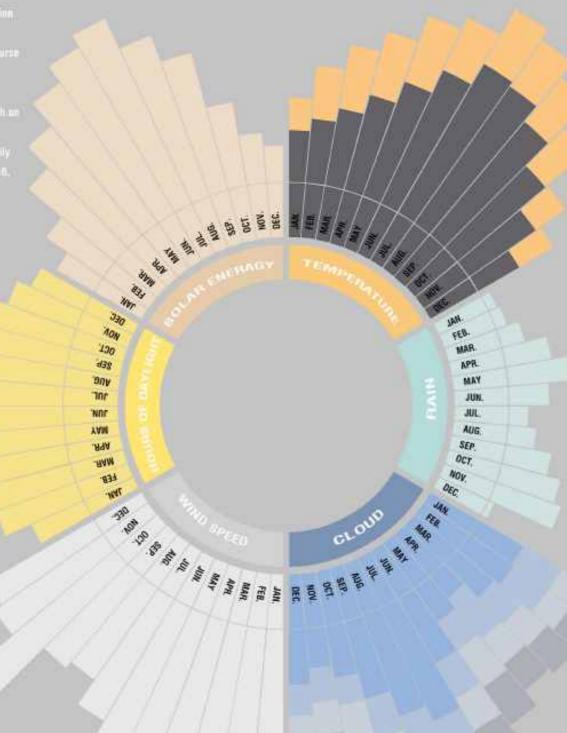
Daylight saving time (BST) is observed in Milon during 2019, starting the spring on March 31, lasting 6.5 receibs, and enting in the fall on October 27.

WIND SPEED

This section discusses the wide-area hourly average wind vector (appeal and direction) at 10 meters above the pround. The wind experienced at any given location is highly dependent on local topography and after factors, and instantaneous wind appeal and direction vary more widely than hourly averages.

The prerage hourly wind speed in Milan experiences mild reasonal variation over the

The windier part of the year lasts for 4 months, from February 2 to June 1, with average wind speeds of more than 7.2 Xilumeters per hour. The windiest day of the year is April 13, with an average hourly wind speed of 8.7 Kilometers per hour. The salmer time of your lasts for 8 marchs, from June 1 to February 2. The salmest day of the year is August 5, with an average hourly wind speed of 5.9 Kilometers per bour.



Average High and Low Temperature

The hat season looks for 0.4 months, from June 1 to Soplember 13, with an average daily high temperature shove 25°C. The hottest season of the year is July, with an average high at 30°C and low a 20°C.

The cold season lasts for him months, from November 19 to February 25, with an average daily high temperature below 10°C. The coldect day of the year is January 12, with an average law of -1°C and high of 5°C.

BAINFAL

To show variation within the months and not just the monthly totals, we show the rainful accumulate over a sliding 31-day period centered around each day of the year, Milan experiences significant seasonal variation in monthly rainfall.

Rain halls throughout the year to Milan. The most rain tails during the 31 days centered around the number 5, with an average total accomplation of 95 MM.

The least rain talls around January 25, with an average total accumulation of 35MM.

01 011

in Milan, the average percentage of the sky covered by clouds experiences significant seasonal variation over the course of the year.

The clearer part of the year in Milan Segina around June 17 and lests for 3.1 mostles, ending around September 28. On July 22, the clearest day of the year, the sky is clear, mostly clear, or partly cleady 15% of the tune, and exercise or mostly clearly 25% at the time.

The clumber part of the year begins around September 20 and lasts for 8.9 mostles, ending around June 17. On November 12, the cloudiest day of the year, the sky is overcost or mostly cloudy 52% of the time, not clear, mostly clear, or partly cloudy 46% of the time.

DIACHRONIC HISTRORY MAP



SYNCHRONIC HISTRORY MAP



DIACHRONIC HISTRORY MAP

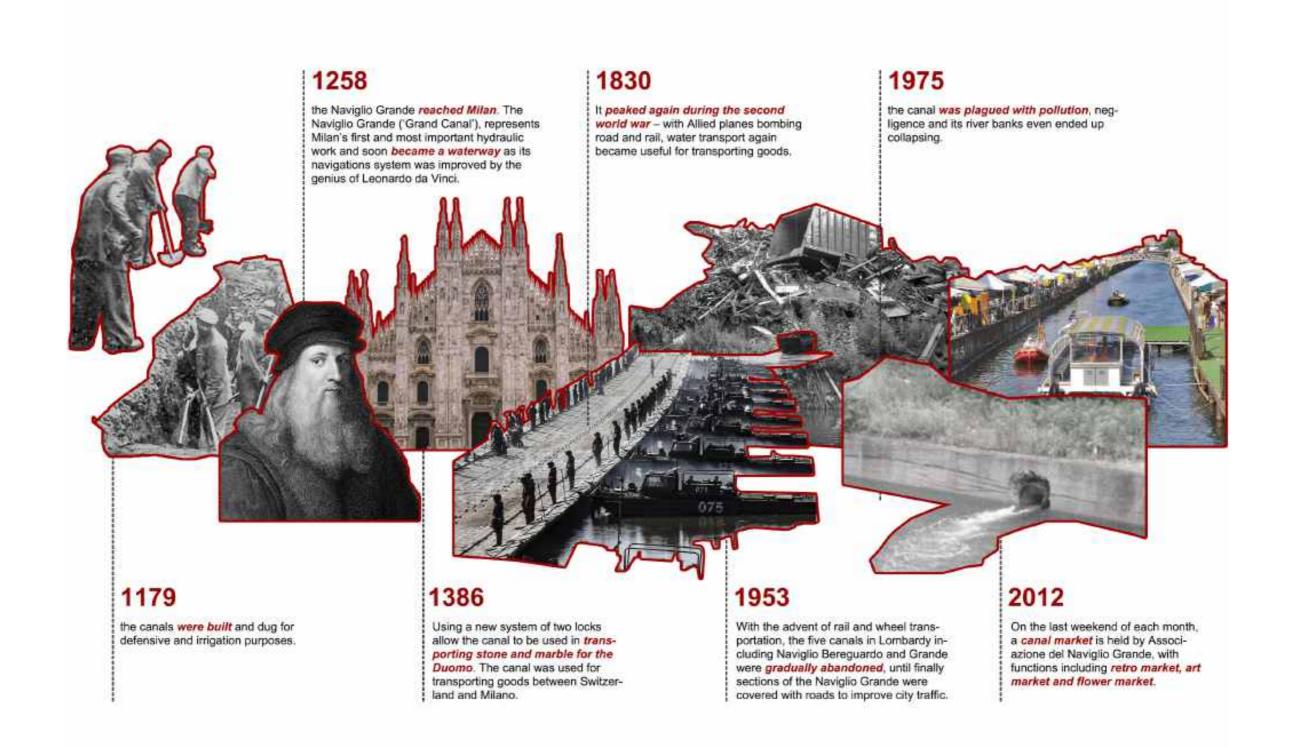
RAILWAY SYSTEM





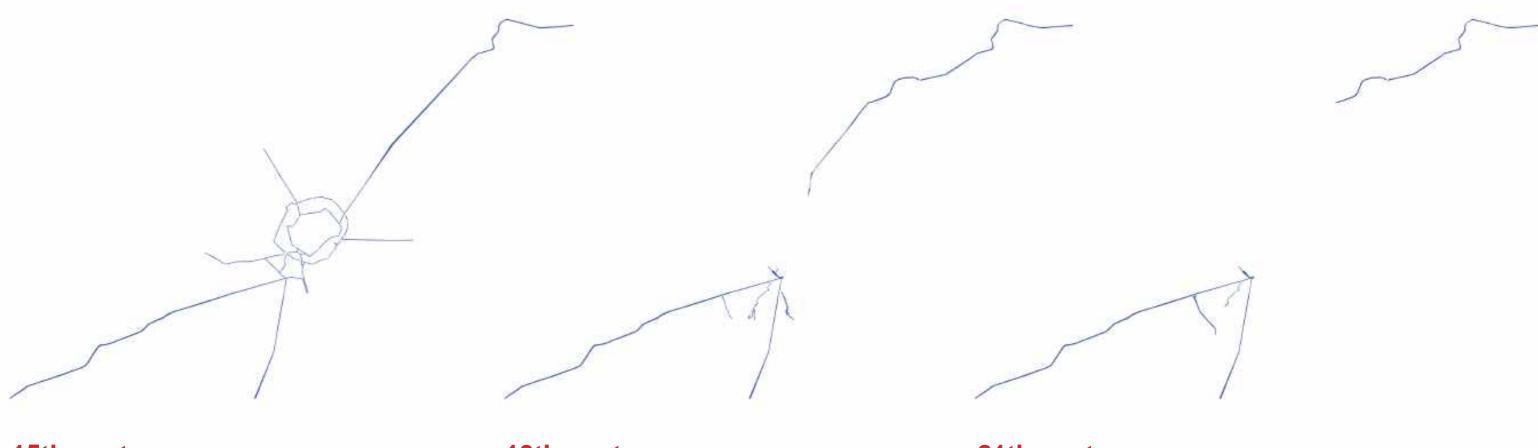
HISTORY TIMELINE

NAVIGLIO GRANDE CANAL



DIACHRONIC HISTRORY MAP

NAVIGLIO GRANDE CANAL



15th century

Built for transportation and defense

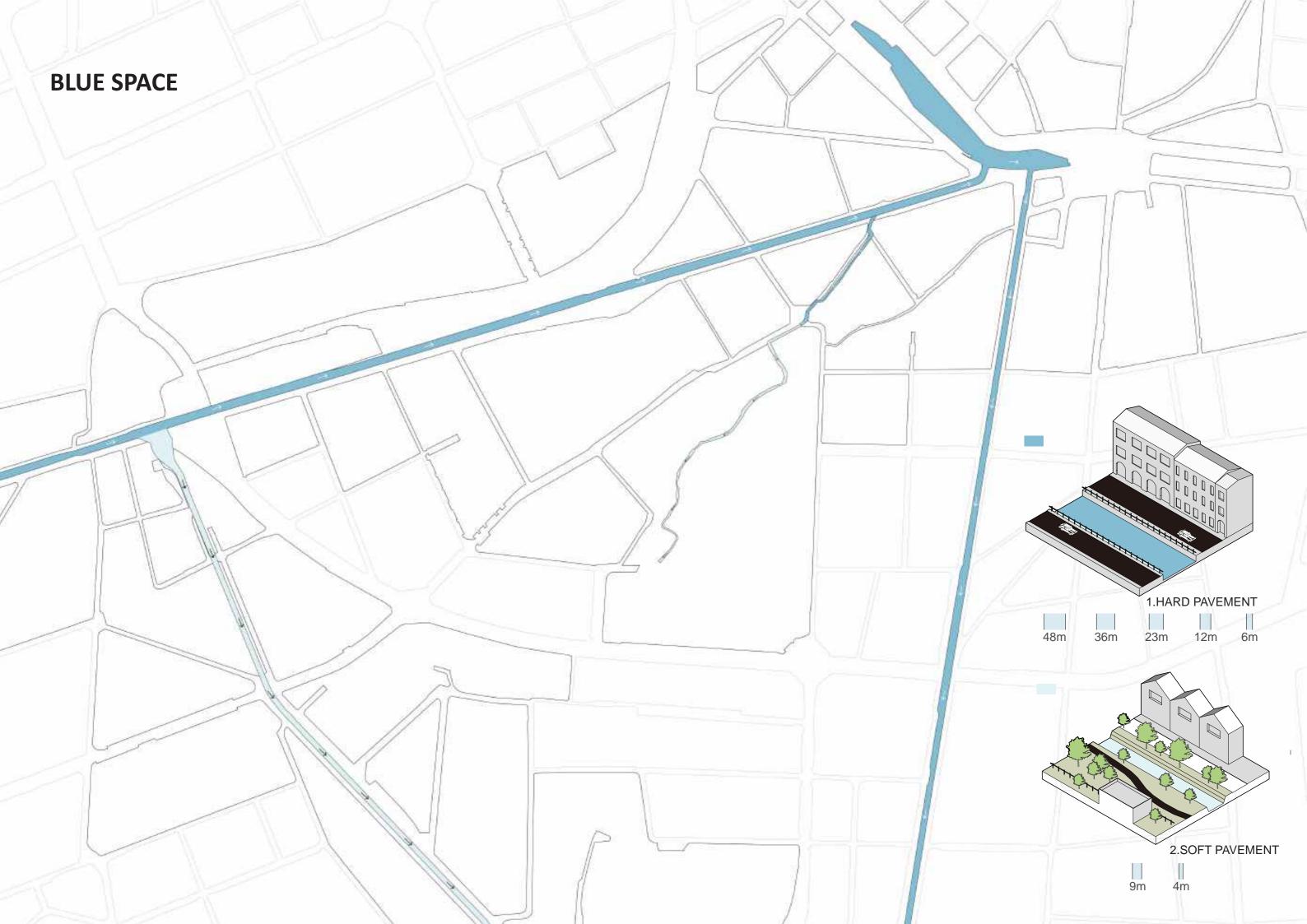
19th century

Replaced by roadways and railways

21th century

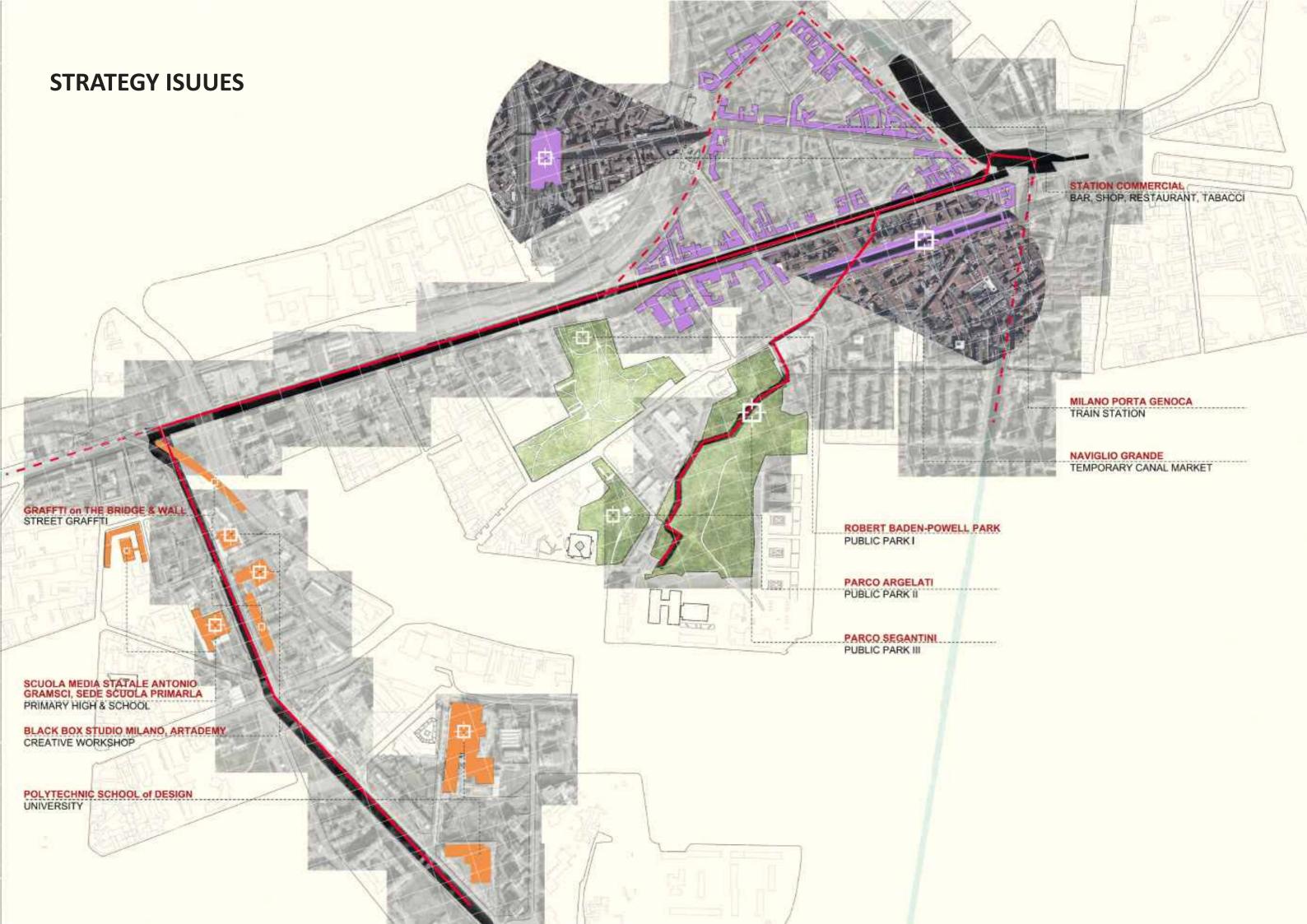
Use as canal market







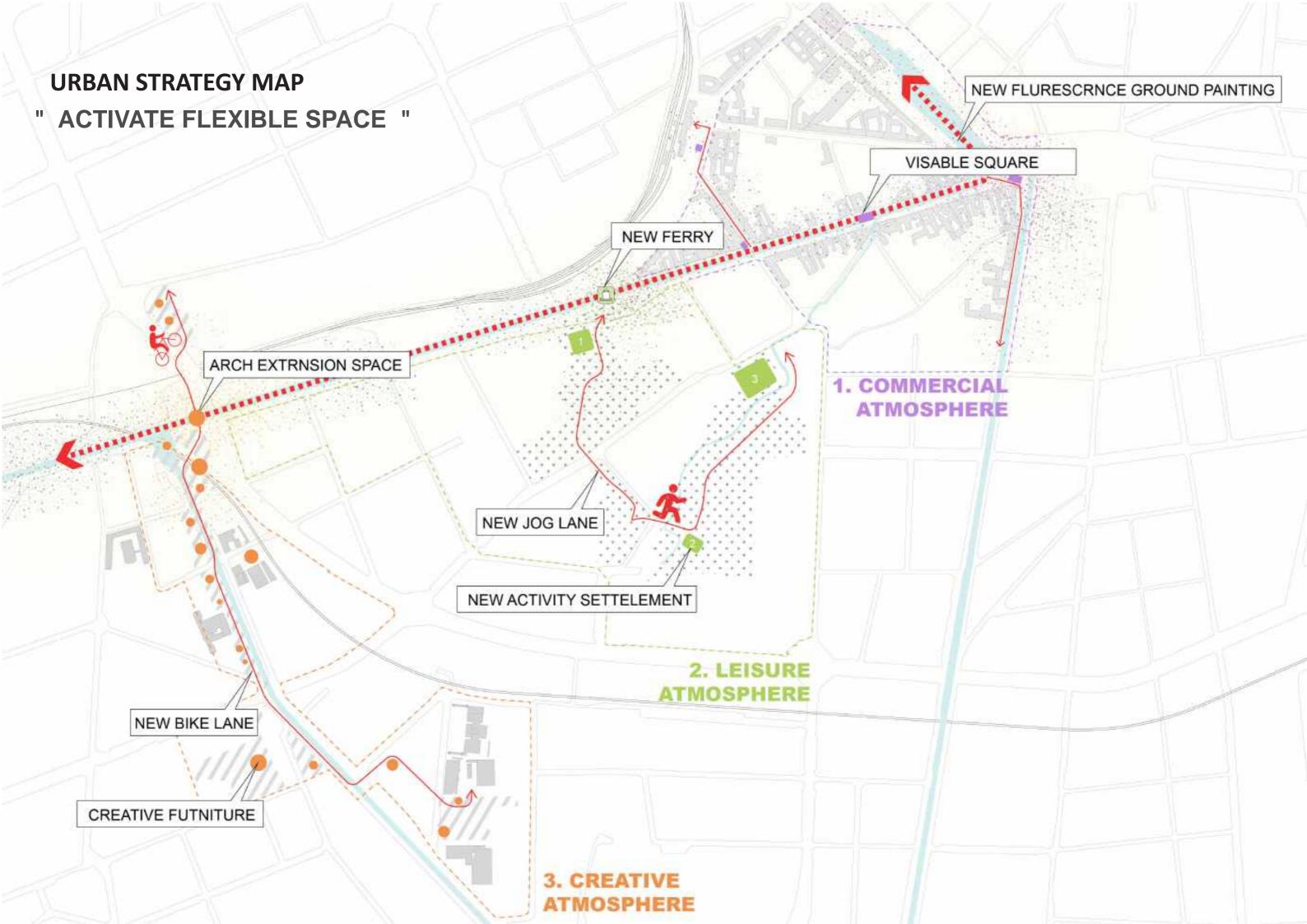




CONCEPT

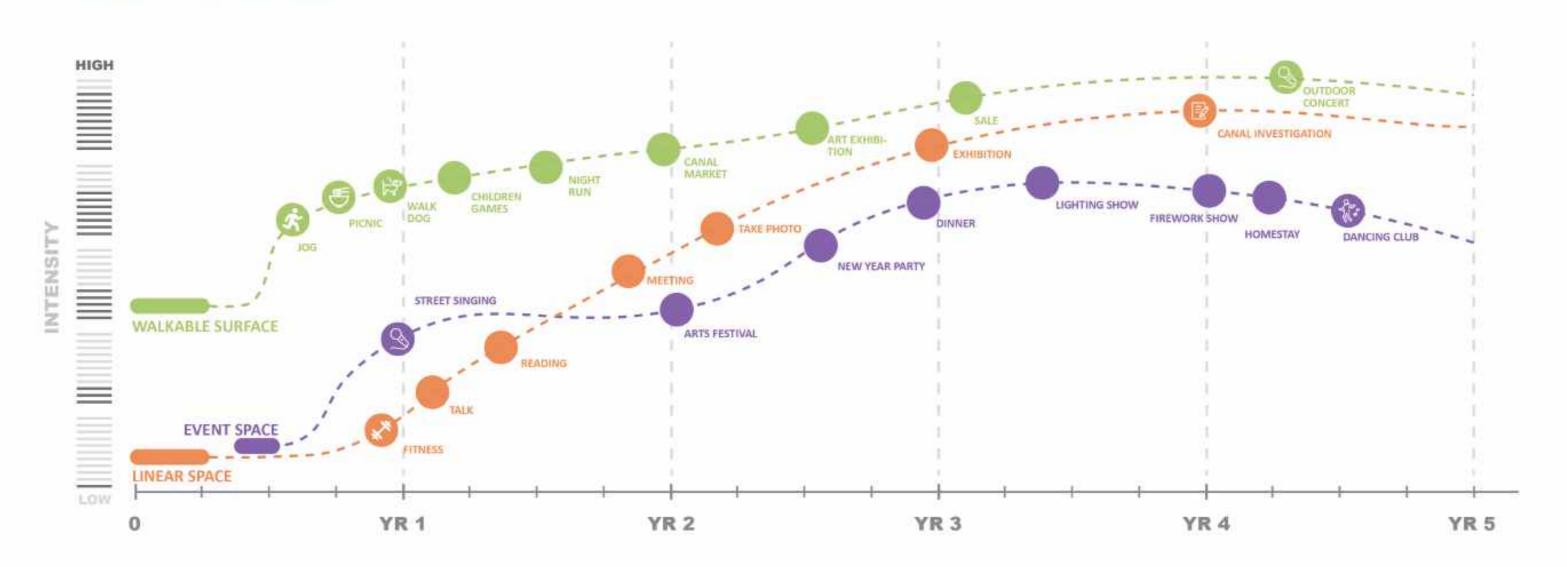
" FUXION, IN CHARGE OF FLEXIBLE AND CRATIVE SPACE "

1.MUTI-FUNCTIONAL
2.MOVABLE FURNITURE/FACILITIES
3.FLEXIBLE



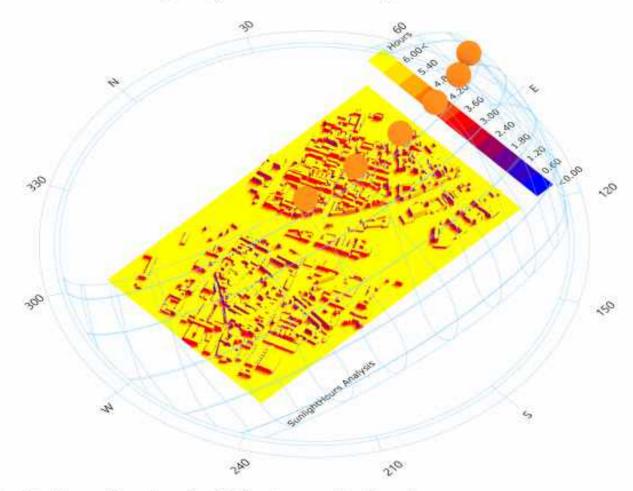
ACTIVITIES EFFECT

COMMERCIAL ASPECT LEISURE ASPECT CREATIVE ASPECT

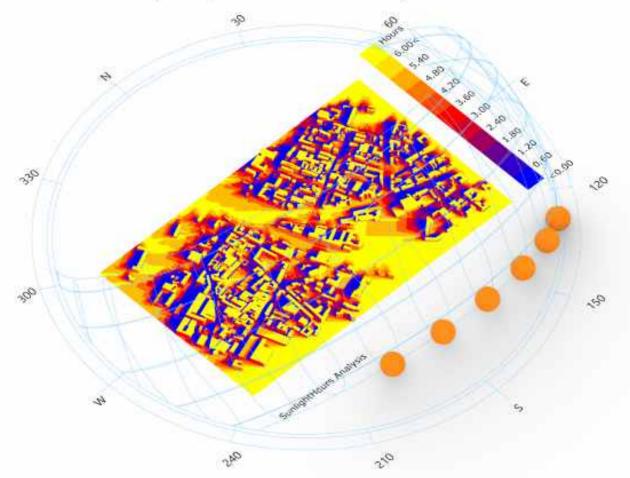


DICERSIFICATION IN TIME (DIVERSIFIED PERFORMANCE / INCREASED POTENTIAL)

Solar Radiation Analysis(June solstice)



Solar Radiation Analysis(Winter solstice)





Hours 16.00< 15.00 14.00 13.00 12.00 11.00 10.00

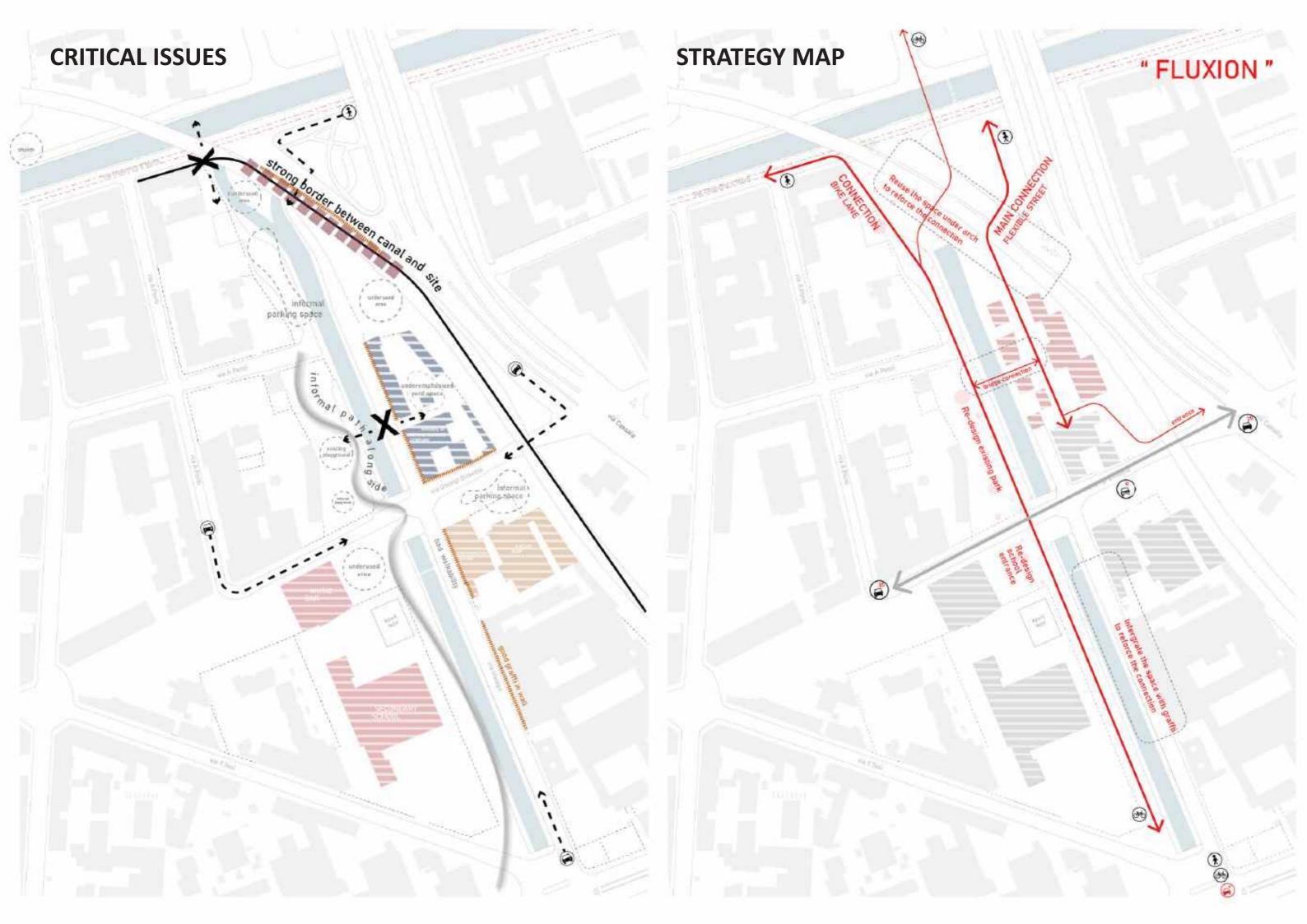
9.00 8.00 7.00 6.00 5.00 4.00 3.00 2.00 1.00

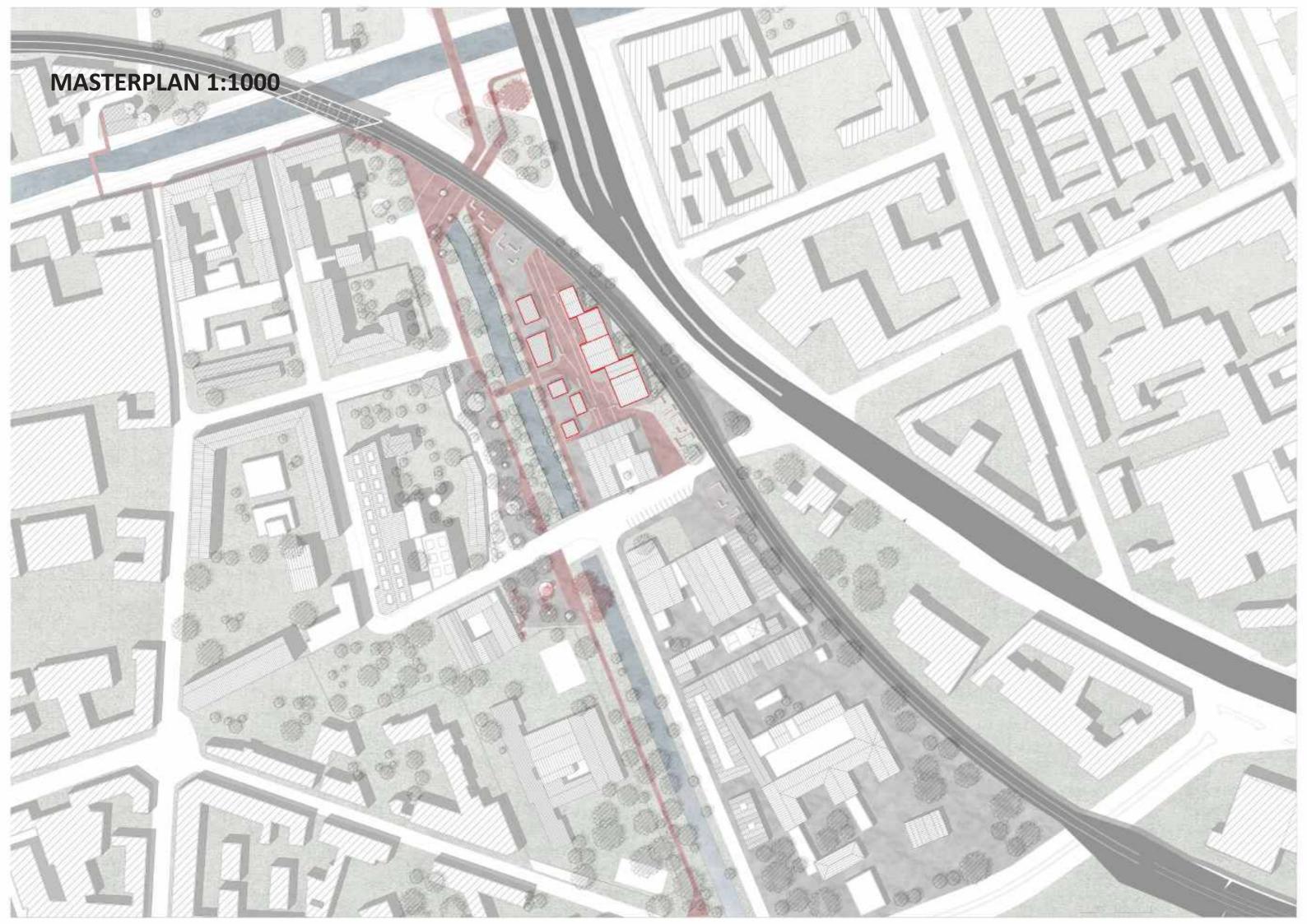
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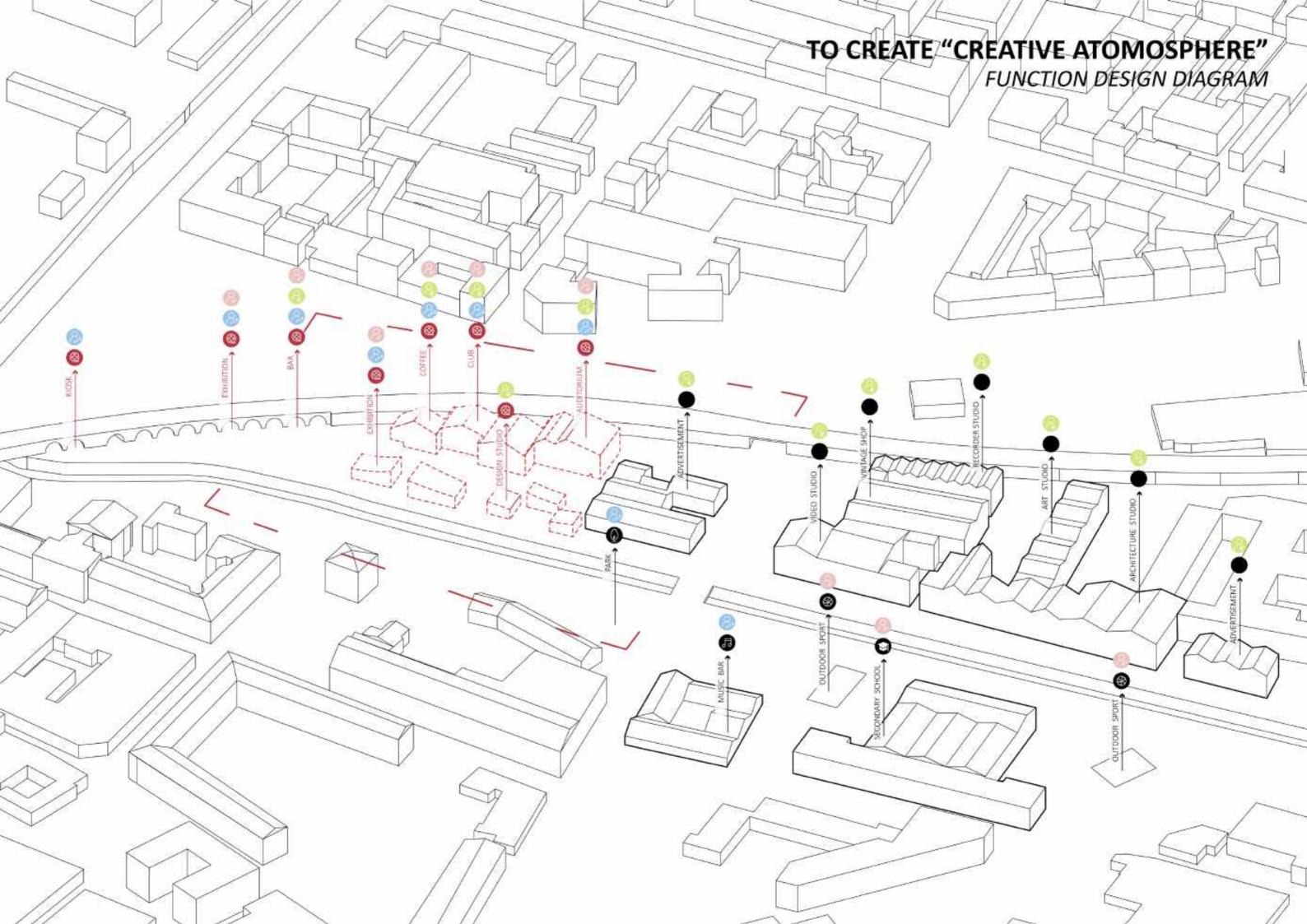
SunlightHours Analysis

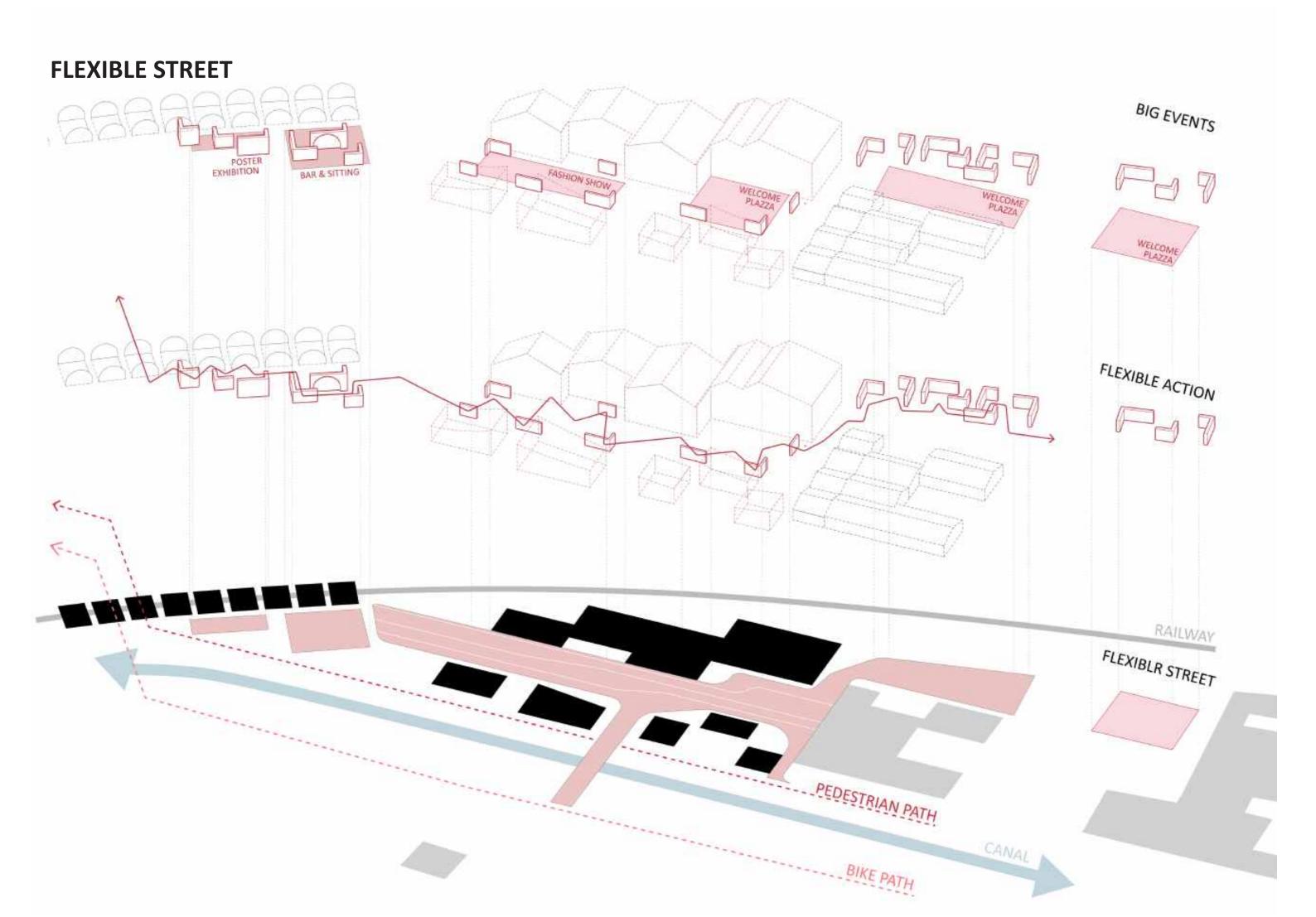


SunlightHours Analysis

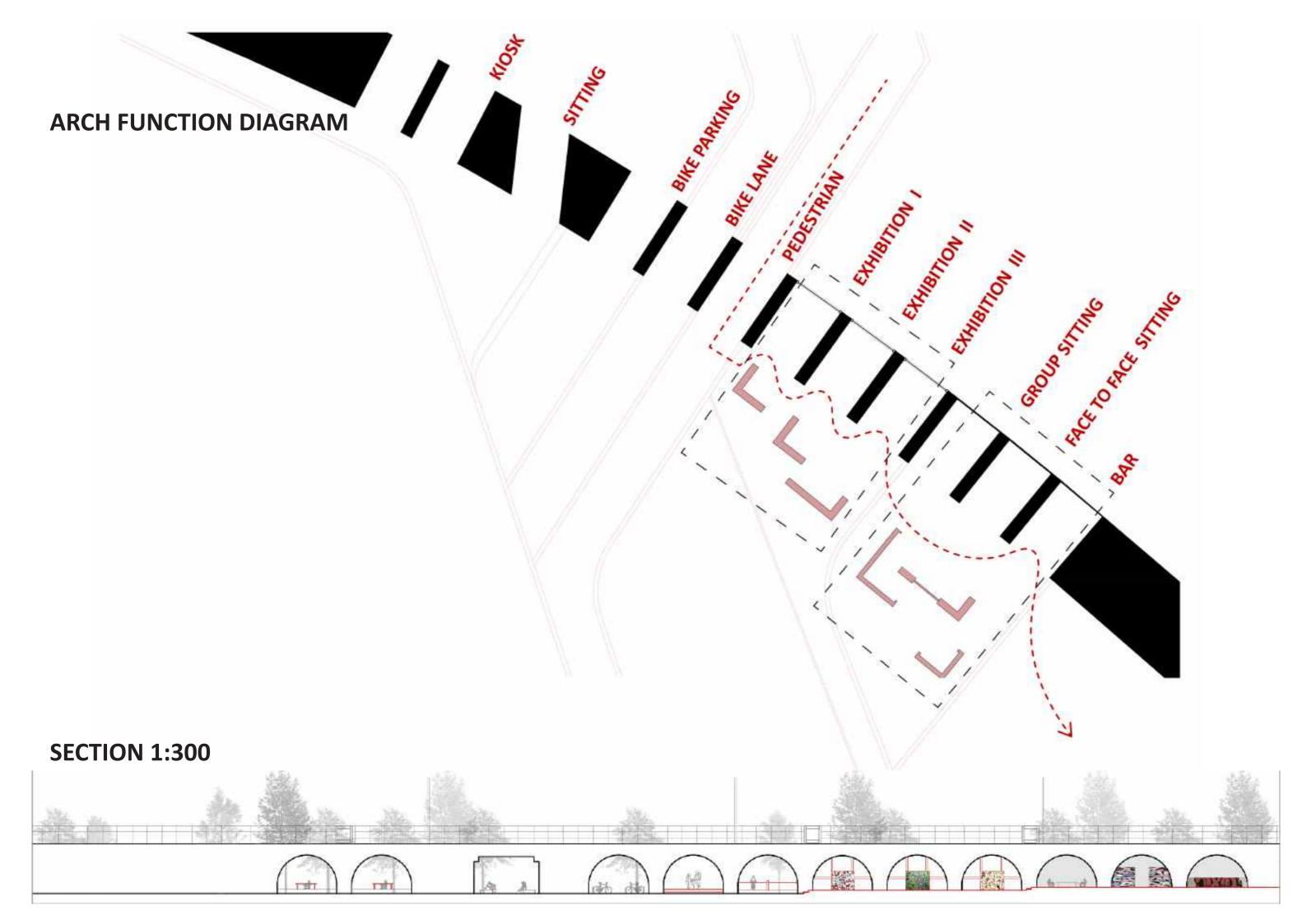


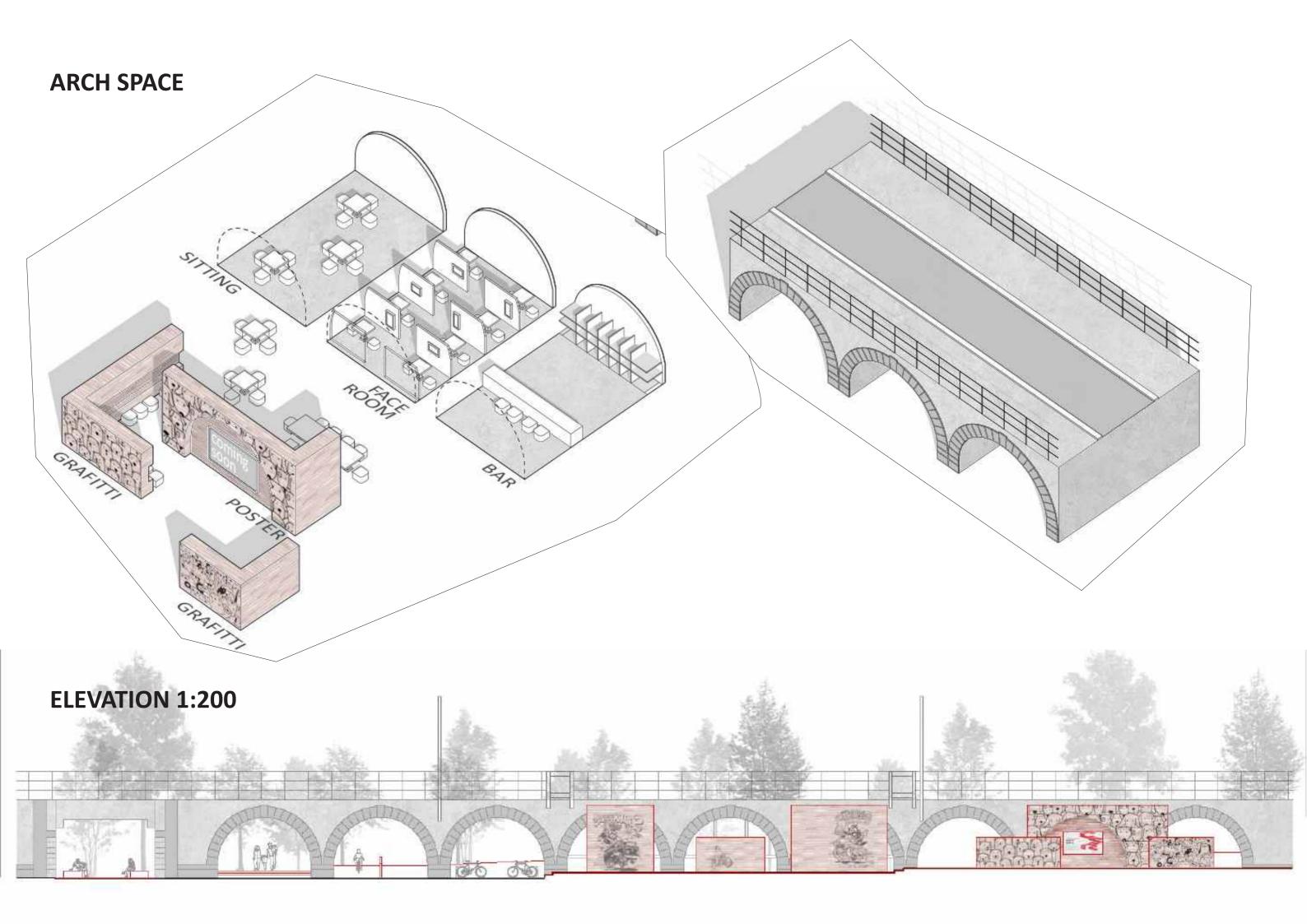




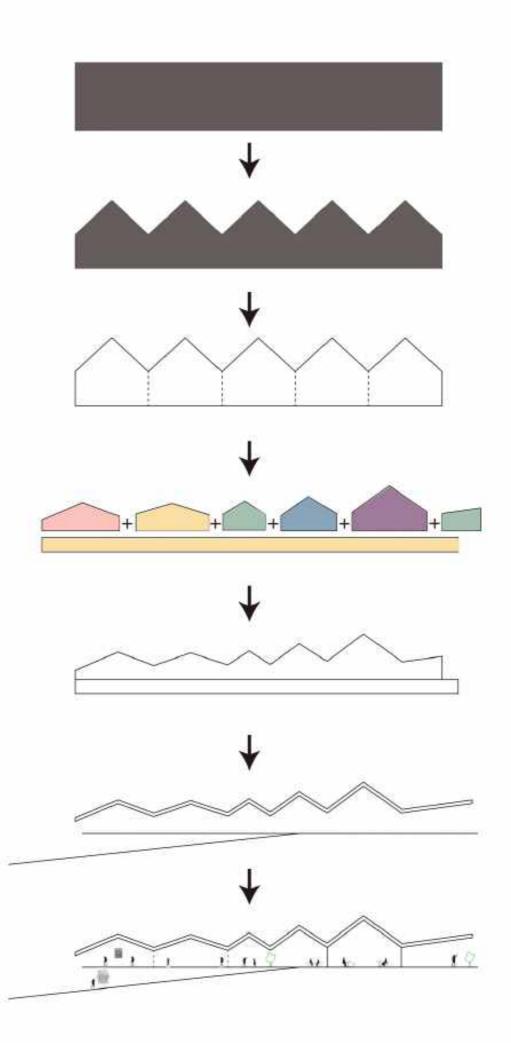


ARCH PLAN 1:300





ROOF CONCEPT DIAGRAM



ROOF PROGRASS

