

PRZESTRZEŃ PUBLICZNA / PUBLIC SPACE – NAZWA / NAME Lokalizacja / location BIBLIOTECA DEGLI ALBERI GROUP 12			
Lokalizacja / location	Lokalizacja na mapce / location on the map  North Est area of the metropolitan city between the two main train station, well connected with the city centre and the main important hub.		
Funkcja obszaru z MPZP lub studium, ew. obserwacji/ function in the area taken from Local Development Plan or Study of the Conditions and Directions of the City's Spatial Development or observation	The area is public park and in the PGT (Piano di Governo del Territorio) of Milan municipality it is considered as a green urban area already established.		
Informacje ogólne / General information	The Biblioteca degli Alberi is a new public park located in the upper part of the city. The park stands in the middle of the neighborhood, that includes business area, residential and facilities areas, connecting and giving life to this space.		
Projektant (projektanci) przestrzeni i otaczających budynków oraz krajobrazu, rok powstania, ogólna charakterystyka – wielkość etc. / Designer (designers) of this space, surrounding buildings and landscape, year of construction, general characteristics - size, etc.	Designed by: Petra Blaisse, Piet Oudolf, Inside outside studio  Constructed in 2018 Surface area: 90 000m <sup>2</sup> Surroundings: - Bosco Verticale by Stefano Boeri - Piazza Gae Aulenti – Cesar Pelli - Torre Unicredit by Cesar Pelli - IBM Studios by Michele de Lucchi		
			Kryteria analizy (Opis i ilustracje) / Criteria of analysis (Description and pictures)
<b>ASPEKTY FIZYCZNE PRZESTRZENI / PHYSICAL ASPECTS OF SPACE</b>	<b>ARCHITEKTURA / ARCHITECTURE</b>	KOMPOZYCJA (el. kompozycji – osie, dominanty, akcenty, konkretność wnętrza urbanistycznego, krawędzie, otwarcia, zamknięcia widokowe) / COMPOSITION (elements of composition - axes, dominants, accents, specificity of the urban interior, edges, openings, view closures)	The Park stands in the middle of two main access as Piazza Garibaldi and the entrance of the metro “Gioia”, surrounded by some important buildings such as the Bosco Verticale and regional government headquarters. The Park is cut by paths that goes straight from a side to the other, reducing it in small pieces that has different functions.
		FUNKCJA	

	(funkcje w przestrzeni, funkcje otaczających budynków) / <b>FUNCTION</b> (functions in space, functions of surrounding buildings)	The park acts as urban connector, as it has paths that are drawn from different areas (residential, commercial, governmental) around the site, creating a grid of connections that overlap and cross with one another. Also there is a series of cultural, educational, social and commercial buildings that are placed in the park and along its edges, their program is triggering interest and income for the area and thus it's securing a high-level of maintenance program for the park.
	GABARYTY (proporcje wielkości pomiędzy przestrzenią a pow. Zabudowy, skala wnętrze, wysokość) / <b>SIZE</b> (proportions of THE size between the space and the built-up area, scale, interior, height)	The whole space was designed as a public park with the size of 90,000m <sup>2</sup> with no built-up space in it.
<b>CHARAKTER ŚCIAN WNĘTRZA / CHARACTER OF THE INTERIOR WALLS</b>	MATERIAŁY ELEWACYJNE / <b>FACADE MATERIALS</b>	The whole space is open air with no facades.
	RYTM ELEWACJI, OKNA, PODZIAŁY / <b>RHYTHM OF THE FACADE, WINDOWS, PARTITIONS</b>	The whole space is open air with no facades.
	POSADZKA (wielopoziomowość , nachylenie, materiały wykończeniowe) / <b>FLOORING</b> (levels, slope, finishing materials)	The maximum slope is always contained within 5%. The network of linear paths that connect the park with the parts of adjacent cities are hierarchically divided into: main paths wich is 5 meters wide, secondary paths that are 2.5 meters wide, with gray and black concrete pavements. The fields are the areas identified by the intersections of the linear paths which, depending on the size and position, will be organized according to a specific character: flower gardens, lawns, hard squares, free spaces, in order to ensure maximum flexibility of use.
	ZADASZENIE (jest, jeśli tak to jakie?) / <b>ROOF</b> (if so, what is it?)	There are no roofs in the plot
<b>KOMUNIKACJA / TRANSPORT</b>	DOJAZD (typ dostępu, miejsca postojowe, droga pożarowa, alternatywne pojazdy) / <b>DRIVE ACCESS</b> (access type, parking spaces, fire road, alternative vehicles)	The park doesn't have public parkings beside it; however, right next to the park is a place made specially for fire trucks to park.
	DOSTĘP	

		(komunikacja pionowa i pozioma) / ACCESS (vertical and horizontal transport)	The park has no vertical access, it only has horizontal access from the streets where pedestrians can pass from one side to another.
		WEJŚCIA / ENTRANCES	The park provides access for pedestrians and cyclists to surrounding neighborhoods. It has many paths that are intersecting, hence creating various entries to the park.
<b>ELEMENTY NATURALNE / NATURAL ELEMENTS</b>	ZIELEŃ (rola kompozycyjna) / GREEN (compositional role)	Greenery is the most important aspect in the space, as it is basically how the whole space is designed.	
	WODA / WATER	There are water fountains and a bio pond.	
	NASŁONECZNIENIE / INSOLATION	There is no insulation available	
	UKSZTAŁTOWANIE TERENU, MASY ZIEMNE / TERRAIN SHAPE, GROUND WEIGHTS	The paths going in different directions create some geometrical shapes for the ground such as different triangular forms and circles.	
	<b>HAŁAS / NOISE</b>	WYTWARZANIE HAŁASU, OCHRONA / GENERATING NOISE, PROTECTION	The Park generates no noise.
	HAŁAS Z ZEWNĄTRZ, OCHRONA / NOISE FROM OUTSIDE, PROTECTION	The variety of different intersecting paths, together with the irregular plots that are created in-between, somehow creates sound walls that protects the area from the outside noise.	
<b>KONTEKST KULTUROWY / CULTURAL CONTEXT</b>	<b>PRZESTRZEŃ / SPACE</b>	dobro wspólne, dzielona na części, prywatna space / common good, divided into parts, private space	The space is divided into different parts, each of a different function such as kids space, dogs area, fitness area, picnic area, etc..
	<b>ASOCJACJE / ASSOCIATIONS</b>	relacje międzyludzkie, identyfikacja z innymi, struktura społeczna / interpersonal relations, identification with others, social structure	The park is within the same area as the Bosco Verticale building, in which it provides the idea that the building is not only moving on the ground, but also moving vertically.
	<b>ELEMENTY TOŻSAMOŚCI / IDENTITY ELEMENTS</b>	negatywne, pozytywne, miejsce, obiekt, budynek, człowiek/grupa ludzi / negative, positive, place, object, building,	The Piazza is located in the center of the city; however, being there just doesn't feel like being in the center, it rather feels as if in a residential area, which is really nice because this provides the people a getaway from the crowd and the noise of the city center while still being in it.

		person / group of people	
	<b>HISTORIA MIEJSCA / HISTORY OF THE PLACE</b>	poza elementami tożsamości?, "miękka" historia? / beyond the elements of identity? "a soft" story?	The park represents the final element of Porta Nuova's development, one of the largest urban regeneration projects in Europe
<b>ZAGADNIENIA ETYCZNE / ETHICAL ISSUES</b>	<b>DOSTĘPNOŚĆ PRZESTRZENI/ AVAILABILITY OF THE SPACE</b>	przeciwdziałanie wykluczeniom, dostępność dla użytkowników z różnymi potrzebami / preventing exclusions, accessibility for users with different needs	Everything in the park is made of one level, it only has some small ramps with no high slopes, which basically means that it is accessible for all users of different needs.
	<b>POCZUCIE BEZPIECZEŃSTWA / SENSE OF SECURITY</b>	komunikacja (ruch, kolizje, oświetlenie, nieprawidłowe używanie przestrzeni – zagrożenia, gradacja intymności przestrzeni, dystans społeczny / transport (movement, collisions, lighting, incorrect use of space - threats, gradation of intimacy of space, social distance	The square is in the middle of the city close to all of the transport facilities, and the paths within the park are wide enough for people to move freely without having any collisions or being stopped by one another. The dimension of the park is wide enough for maintaining social distancing. The system of paths is illuminated in an 'official way': with lampposts placed at regular distances along the path. Some fields or circles have additional lighting to emphasize their evening activity: some have a pylon with a series of spotlights pointed in various directions, others more subdued lighting.
	<b>INTEGRACYJNA ROLA PRZESTRZENI / INTEGRATING ROLE OF SPACE</b>	miejsca kontaktów społecznych dla różnych grup użytkowników, miejsca inicjacji kontaktów, powiązania przestrzeni wirtualnej z fizyczną / places of social contacts for various groups of users, places of contact initiation, connection of virtual and physical space	There was some kind of spots to socialise and workout outdoor in the park.
	<b>PROCESY PARTYCYPACYJNE / PARTICIPATION PROCESSES</b>	Czy przestrzeń była projektowana w ramach partycypacji? Czy można ją adaptować do potrzeb? Czy istnieje w sieci społeczność związana z	Yes, the space was designed as part of participation and can adapt to different needs as the place is divided into smaller parts in which different activities take place. There is no community related to the space on the web.

		przestrzenią? / Was the space designed as part of participation? Can it be adapted to the needs? Is there a community related to space on the web?	
<b>ZAGADNIENIA ŚRODOWISKOWE W KONTEKŚCIE PROJEKTOWANIA ZRÓWNOWAŻONEGO / ENVIRONMENTAL ISSUES IN THE CONTEXT OF SUSTAINABLE DESIGN</b>	<b>GOSPODARKA WODĄ OPADOWĄ / RAINWATER MANAGEMENT</b>	zrównoważona – lokalna, ogólnomiejska, wykorzystanie wody opadowej w terenie, retencja, filtracja, odzysk, chłodzenie / sustainable - local, citywide, use of rainwater in the field, retention, filtration, recovery, cooling	A drainage solution was preferred thanks to i.idro DRAIN. The natural characteristics and performance of the park is that it has a draining capacity 100 times higher than that of natural soil, which allows to respect the natural water cycle by recharging the aquifer.
	<b>GOSPODARKA ENERGIĄ ELETRYCZNĄ / ELECTRICITY MANAGEMENT</b>	zasilanie urządzeń, stacje ładowania urządzeń, pojazdów, obwody administracyjne, energia odnawialna czy z sieci, technologie pozyskiwania energii / powering devices, charging stations for devices, vehicles, administrative circuits, renewable energy or energy from the grid, energy generation technologies	There is a device installed Engie Fit called The Platform, it is a project made that transform steps taken by people into usable energy. The aim of the installation is to promote virtuous behavior for the environment to accelerate the transition to a zero-emission world and, at the same time, keep fit by exercising
	<b>ZIELEŃ / GREEN</b>	ochrona przed hałasem, ochrona przed przegrzewaniem UHI, ochrona przed zanieczyszczeniami, redukcja emisji CO2, produkcja – urban farming / protection against noise, protection against overheating UHI, protection against pollution, reduction of CO2 emissions, production - urban farming	The variety of different intersecting paths, together with the irregular plots that are created in-between, somehow creates sound walls that protects the area from the outside noise.
	<b>EDUKACJA ŚRODOWISKOWA / ENVIRONMENTAL EDUCATION</b>	elementy edukacyjne, zabawki, wyniki pomiarów, dane	The project also included in this area educational vegetable gardens (approximately 260 sqm.), in which there will be a program of urban horticulture laboratories opened to the public that will be continuously hosted.

		dotyczące czystości powietrza / educational elements, toys, measurement results, air purity data	
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