## HISTORIC PUBLIC PARK DESIGN <br> - A CASE STUDY ON COMPLEX <br> LANDSCAPE HISTORY EDUCATION

SÜDPARK KLEINBURG BRESLAU

> EGY KÖZPARKPÁLYÁZAT A MÚLTBÓL, mint EseTtanulmány a KERTTÖRTÉNET OKTATÁSÁHOZ

## südpark kleinburg breslau

SZERZÖ/BY: ANNA EPLENYI, NAWARAH $=$ HTTPS://DOIT.ORG/
AL BASHA, NEBRAS KHADOUR
explain complex sequence of interactive activity for garden-history classes with landscape architecture students (part I). The second goal is analytic: to get deeper understanding of the style and taste (composition, function, form, fabric, planting, details) of the turn of the century park design and the typical planning solutions of the time (part II.)
I. COMPLEX EDUCATIONAL SERIES ON A PUBLIC PARK (ACTIVITY 1-7.)

In this chapter, the structure of activ ities will be explained and illustrated with original sources. The aim of this series is to advert student's attention to solving functional problems, to design issues regarding forms and planting, and secondly, to develop skills in usin historical sources and improve crit ical evaluation, based on the analytical comparison. "Garden and Landscape History" is a key module in the education curriculum of the MLA (Master of Landscape Art) Program of the Szent István University. ${ }^{2}$ This case study was fitted into the frame of this course. To ground the basic knowledge of students, they heard a 3 hours-long lecture on urban planning of the 1gth century as well as about the establishment and development of public parks all over Europe and the USA. A lecture was also introduced on Margaret Island, one of the best-known parks in Buda pest, where we also had a field walk on the following day. The complex series of activities discussed below, were done on the 17 th of February $^{3}$ as a long afternoon session ( 3,5 hours) with additional homework to prepare.

1st activity: The public park design competition - A comparative analysis of 6 winning projects in small groups
In the first phase, the teacher explains ( 15 min .) the general circumstances
the 'Sudpark-competition.' The ity of Breslau made the call for planing a new public park on the southern outskirts called Kleinburg/Borek, on o hectare, in order the increase the future development of public utility services and a new villa-housing. On he south side was the embankment of he railway, and three private grounds were also included (A- long parcel for future housing, B- private plot, C-small emetery of Kleinburg). Other requirements from the city included: $8000 \mathrm{~m}^{2}$ f restaurant and concert area, 2000 $\mathrm{m}^{2}$ of parking for carriages max. 250 m far from the restaurant, 1 ha Playground, a pond area; a head-gardener's house with garden. The designers had free hand, except for the following requests: to place the pond close to the restaurant as well as the playground so that the "parents could keep an ye on their lovely kids, while drinking eer", ${ }^{5}$ the main-hall not to be located lose to the train - because of the noise nd stream of trains, the audience of he open-air concerts should not face the sun, the gardener's plot must be from the villa-zones because that ould disturb the wealthy owners. 7 lans were handed in for the competibon but the Möller's Magazine intre duced only six tenders in its' issues.
The students formulated small group The students form groun (each of 3 -5 students) and received he proposas, each prired $\mathrm{A}_{3}$ follow hato conpar erlowing study questions. What
 -logic and the por logic and system of zoning, circu What are the characchy of pathways? What are the characteristics of planting? How can we describe the style - manner f each proposal? How are the visual nks organised in the greater space? How much space is given for deco-rative- formal, Gardenesque details? The student groups discussed the questions and noted their remarks,

2 The teacher of the module is Anna
Eplényi PhD, associate professor since Eplényi PhD, associate professor since
2013. The module contains 48 lectures tests, oral exam, A2-posters and designsketchbook activity in order to develop various skills in historic knowledge.
3 The exercises were done with Eras3 The exercises were done with Eras-
mus LA-Students in the spring semester of zozo - Szent István Univeristy, Fac. of Landscape Architecture and Urbanism
within the frame of the couse ${ }^{2}$ Pbubic within the frame of the course "Public park of Vienna (teacher: Anna Epleny
PhD): Akin Yesim, Dogan Zehra Betül, Dotto Coralie, Goldenberg Ezequiel IJàn
Itak Deniz Itak Deniz, Kurasa Kristina, Le Da Evan Piccinin Chloé Jacqueline, Janusz Filipia
4 lau I-VII': in: Möller's Deutsche Gärtner Zeitung, Erfurt, 1892. (VII. Jahrgang), pp. 99-100., 118-121., 154-156., 177-180.
209-210., $221-222 .$, and 45-454 online 209-210.,. 221 -222., and 452-454
https://digitalub.tu-berin.de 5 "Da muss der Spielplatz unbedingt nahe der Restauration liegen, damit die
biertrinkenden Eltern die spielenden lie ber Kleinen stets unter Augen halten ber Kleinen stets unter Augen
können." in: Möller's, $p .100$.
ideas on the plans, marking things as views, roads, functional zones etc They came up with plenty of conclusions in 45 minutes. In the following part, the authors will describe the 6 plan briefly based on the Möllers Maga zin's text and our personal comments.
© The design proposal by Ed. Hoppe landscape gardener from Berlin A main driveway with slender curves runs through the park, allowing easy access to the park from all sides along with many other pedestrian entrances. The restaurant and the concert squar are situated along a long axis at the northern part of the park with direct connection to Parkstrasse and the wagon parking area. This focus point is kept far away from the disturbance of the railway on the south, providing a clear view to the rest of the park. The lake has a natural appearance with smaller bays increasing the length of shoreline. The connection to the main water body is accentuated with pedes trian bridges. A Belvedere is located the highest point in the southern part, making it visible from different parts of the park. Dense, forest-like plantation is used to screen all the built up features and the surroundings in orde to create the atmosphere of a truly tural dscape The otruly is especially conder with tre mitigate the disturbance of the close by railway. There are only $3-4$ great vistas stretching through vas, for and sudden openings. Longish, exedr and hippodrome forms are used.
(2) The design proposal by Edw. Gläse landscape gardener from Copenhagen A main driveway is planned to allow good access and smooth movement throughout the park. It leads by the cemetery along the western belt to the south, where the park's hall is proposed
be. The building and the concert square are on a round-arched square, surrounded by fast-growing (conifer) orest to protect it from the train, eeping an unobstructed view of the whole area. The square is designed with central, rectangular carpet bedding urrounded by a grove planted in fan orm. The playground and sports field ( $10000 \mathrm{~m}^{2}$ ) is laid out at the northern end of the complex, filled up to a height f 123 m , which means that the visitor of the park can sit at the end of the square and enjoy a nice view over the middle part of the park. The pond ( $9600 \mathrm{~m}^{2}$ ) as a water depth of 2 m , and a large part of the excavated soil is intended to fill Parkstrasse. The intersection on the main road is a strong central focus point, with an outer oval route or riding, and carriage joyride. Additional shorter vistas are provided, separated with clumps - while the inner reas are kept almost empty. Suggested lants are native trees: Fagus, Quercus, Acer, Aesculus; Conifers: Abies, Pinus, arix and some special conifers etc, Pa and shrubs, Finer shrubs: Rhodo enron Roses and perenials, and Trees and shrubs: Alnus, Salix, Betula, Prunus, Padus, Cornus, Spirae etc ${ }^{6}$
© The design proposal by A. Menzel, garden architect from Cologne: The esign principle applied in this proposal dual and simple: the southern part is more natural, while the northern art is rather eclectic and formal. This especially true for the design of the oncert square, lacking any exagger ted formal luxury. Except for the two usic pavilions, there are no other larg heltered halls, since the proposed all is large enough and designed to e intact during the summer months and in a way that provides a clear view ver the park from every aspects. The ame principle of simplicity prevails in he elliptic rose gardens. Cosy sitting areas located at various eye-catcher

$\boldsymbol{6}$ in: Möller's, $p .118$.
points invite the visitor for a quie moment of contemplation. This atmos phere of silence and grandeur harmo nizes well with the nearby cemetery, and thus, the solemn silence of the ceme tery is not disturbed due to excessive traffic or children playing in the playground. The playground is rather small, ad the plan omits the big exedra-law for riding, for croquet-playing; so th natural circulation-network appear uninterrupted and fluent, while th pond have relative simple shoreline
© The design proposal by Karl Gerling head gardener in Bockenheim-Frankfurt am Main: The restaurant hall occupies a dominant position on the highe point in the south. A wide advantageous view of the park is provided from
he great formal terraced area: more han 100 trees in a grid-layout offering a leasant sheltered place at any time of he day; while no bedding appear here. he very meandrous shape of the pond ( 1.20 m deep ) is adapted to the natural errain, immediately next to the concert square - as requested. Two main pedes rian entrances to the park are designed with small eclectic parterres decorated ith flowers and leafy plants. A main curved road ( 6 m ) connects the 2 side ads with a crescent (it's function is nclear); other secondary paths running hrough the terrain with slender sinuspretzel curves offering a full panorama to the relatively generous spatial system. he designer considered that the playgrounds, sportsgrounds and gardeningplots do not fit into the framework

```
Fig 1.: 6 proposa
for Südpark
Kleinburg, Breslau
introduced in the
Möller's Magazine
(1892)
```


of a natural main parkscape, so they located them on the separated triangular part, hidden by planting. Tall and strong trees are planted in large quantities along the rail traffic to screen the view of the steep embankment. Comparing the 6 proposals, we can state, that the ratio of the woody plants is the lowest in this case, and the groups of trees and scrublands are strictly located eny a the in located and on the belt-border of the park
© The design proposal by E. Clemens, stadt - Obergärtner in Berlin: The proposed arrangement of the whole park was to offer an effective distribution of bright / shady spaces by the means of planting, supported by gentle changes in elevation and a system of paths with smooth continuity. Lawns have smooth, sunken, bowl-like terrain modification offering directed inner views. At the two entrance zones, axial, symmetric ace are to see with alleys, flowe beds, surrounded by high-stemmed rose trees. One should note the unique form of a "small bite" into the circular forms which orientate the visitor's eye to the park vistas. Pretty flowering shrubs like Philadelphus, Syringa, Weigela, Prunus, Cytisus etc. are planted along
the paths and some rare and special rees are to be near the regular flowerbeds and near the restaurant. This entral zone has an elevated, simple val shape with a relatively narrow errace around, linked with a smaller pond (compared to the other proposals). The hippodrome ( 1 ha) is placed in the triangular area here as well
© The design proposal by A. Fintel mann, städtisher Garteninspektor Berlin: The pond is located in the bwest point of the park - not linked with the main attraction point which ts on the highest point of the terrais. Of the six plans, the ele nt with its forma ies the largest area with a dominant esign here The terrace is 10 times arger than the hall with $1+2$ focal foun ains, 1 music pavilion, symmetric exedra-pergolas, grid-planted trees and arpet bedding. Note that the whole unit densely wrapped around with wood and providing views only to the N an The playfield stretches also axial, long the road. The gardening area is joint with the private plot - saving space he little brook leading to the pond gets ittle more attention here, than on other proposals. The circulation system is not


Fig. 2: The finalised
plan of 'sidpark P. 452, a Detall of
THE NW ENTRANE, AROUND 1900 HTTPS://POLSKA-ORC
PL/672817,Foto. L/672817, Foтo.

So8994, AND THE
 poLska-org.
PL///778B9, Foto.
HTMLL Fig. 3: A Postcard Montage of Südpark

- Klieinburg around 1900-10,

ORIINAL PICTURES: PL//5org994,WROCLIAW,
PAFK__OLUDNIOWY. PARK_Poluon IOWY.
HTML, MONTACE BY A. HTML, MON
EPLENYI)

pretzel shaped here, but provides dens connections in a variety of directions with many crossroads. A direct accessi bility is provided for the residents of the private residential area on the west (A)

## and activity: Students'

Evaluation - Oral discussion within the class
After the given 45 minutes, the whole class gave responses on the plans with their remarks. For each plan, $5-10$ minutes of group time was avail able. For each plan, a different group
started the evaluation: how much the equested goals were achieved in the proposals, what is the main character nd style of the design, etc. - and other groups could add extra comments.

## rd activity: Student

'Jury' voting
fter the parallel comparison each group voted for the 1st, and, 3rd prize, results were summarized on the board. The real winners of the past were only disclosed to the students now: No 1st prize was awarded, and prize:


Ed. Hoppe ( 1 ), 3rd prizes: Clemens (5), Fintelmann (6), Gläsel (2), Menzel (3). Comparing to the student result, their finalist was also Hoppe's plan, the 2nd Menzel's and the 3rd Gerling's.

4th activity: The realised final plan of the Südpark Kleinburg - joint discussion ( 20 min ) Months after the award ceremony, H . Richter, the head gardener of Breslau and other jury members decided to develop a new plan combining the best solutions from all the proposals. They came up with a final solution described in detailed on the columns of Möller's Magazine. ${ }^{7}$ This plan was set according to the original goals mentioned above, but some more objectives were raised by the Magistrate:
(a) To place the Restaurant on an
elevated platform, far away from the railway, guests to be placed on the silent side with nice landscape to see (b) To locate the pond near the errace.
(c) To move wagon-parking close to the road and to the restaurant as well. (d) To place the small kid's playground so that no traffic should be in-between and that the children's hubbub cannot disturb visitors.
(e) To place the school kids's sports field (roman circus form, ca. 1 ha), the circular riding track and the gardening service on the separated part. (f) To place the connecting inner roads so that they would not reduce the useful areas of the park.
(g) To establish a viewpoint by the embankment as a look-out point. The connecting road through the park as a lane of 7 m , alongside a riding path
 main footpaths are 5 m , the others $3-4 \mathrm{~m}$ wide The elongated paths and serve the isitor as a silent driver, showing them - mat A most outstandng spots in the park. powerul view or wide lawns opens nd dar ere The dar gren fore. The are with features by the pond. a terrace he water, allowis for lo ewate, alows for boat trips and ce skating, and a ltle garden-hut on a nall peninsula whergreens on the pposte. All the three entrances are laid out axialy win smaller redar sular forms, and short alleys of trees. The major longitudinal axis starts from southwest leading to the restaurant and concert area, which can accommodate about 10,000 people. A colon-nade-pergola on the two exedra serve
shelter in sudden rainfalls, while the music pavilion and the carpet bedding is in the middle of a grid of plane trees. There are $3-4$ longer, great vistas and $4-5$ shorter ones all around the park. The woody planting is more close to the 18th century natural planting style, than in the other proposals: solitaire and small clumps are also planted into the lawn, while the dense, dark green foliage-belt is planned on the south and west border A future desire was to create an under passing tunnel across the train embank ment for better urban connections.
Finally, it can be concluded that this plan fits to the design style of the other proposals, choosing the best zoning and functional arrangement out of them. The attractive form of the lakeshore, islands and the small brook with style while reals the classical landscape mood only appears around the mainbuilding and at the entrance zones.

5th activity: Creating a postcard montage - discussing the historical development ( 30 min )
After the discussion of the design, the students received plenty of old postcards (1900-1910) of the park realised Using the historical images they could analyse the changes of open spaces, the visual dynamics in space and time They had to rank them by time. The 'postcard montage' is a useful (digital) graphic exercise to re-create the atmosphere and character of a place: selecting -12 pictures and cutting out the most significant, typical features; mixin and collating them into a single image Regarding historical development, let us quote just an example here. The aerial photo shows all the discussed items. Note the realised tunnel under the railway, the nice dense conifers along the embankment, the canopy-grid with the round colonnade on the terrace. We can observe little parcelled allotments in the lawn, most probably a consequence of
he First World War, while the projected villa-housing area (left) is still unsold. The length of the article does not allow to discuss the park's present in details. Observing the layout of today we can emphasise that $90 \%$ of the riginal layout of pathways, lake-form nd features are still in their original tate: the forecourt of the Hall and the ther 2 entrance zones are in their ormal-circular layout, the terrace is in its original size, unfortunately without the trees, and the Restaurant of Georg hasse (1859-1931), well-know brewer nterpriser, and the Lookout-pavilion by the lake was demolished in WW II. The balustrade terrace and the iron bridge over the brook is still there, and the woody and decorative planting is also accordance with its authentic character of turn of the century parks
oo focus student's attention to planning principles and deeper aims and goals of andscape architecture, written activies are also useful. Within this exercise hey were asked to articulate 10 stateent sentence on public park design of time. What are the important func
 and design principles? Formulating ey-principles with a short pas as a suideline for tur serve as a guideline for one's besign copts, because these rivities arical a

VISUAL VOCABULARY OF PARK DESIGN ON THE TURN OF THE 2OTH EENTURY (7TH ACTIVITY)
fter the complex set of the students had to continue the individual work at home. The goal of thi xercise was to get insight into park esign principles: styles, forms, func tion, planting issues etc. to conclude

8 Plan of the park today: htpps. old.orienteering.org.p//in
php? $w=$ mapu 9 Examples from Student C. Dotto: (5) Public parks also enable economic deve lopment: they make the surroundings
more noble and offer new services The more noble and offer new services.
creation of public parks allows for the development of properties in the surro unding area. This adds value and makes them more noble. Also, new services are offered inside the parks: cafes, restau-
rants to serve the special needs of visit ors. In addition to this, public parks offer a space for relaxation and recreation for
the working classes who work in difficult industrial conditions and need motivation. (6) Public parks of 19th century are made up of a variety of shapes: a mix of find a hierarchical system with sepa rate roads according to the uses: wide and strict "avenue-like" alleys, with lines
of trees, for the a arival on horsebeck or carriage. But it is also the beginning of informal lines with curvy and serpentine paths, minor ones for pedestrians. There are ofich many o nem, which
leaves various opportunities for pedes rians. Layouts include geometrical elements: circles, crescents, rounds etc. (7)
The public parks of the 10th century The public parks of the 19th century were
inspired bu several historical styles: We find the influence of Renaissance and Baroque gardens: use of complex, very picturesaue and representative forms. rical in some places, especially at mee ting places, road junctions and near buildings. The general objective is to make the space useful, convenient, orde
red, simple and graceful. In many public parks of this period we find the influence of Art Nouveau with polychrome orna dings of the cities.
a "visual-design vocabulary"; an "icon collection" or in other words a "drawing repository ${ }^{" 10}$ on a simple $A_{4}$ sheet. This should conclude main park-features in a systematic order: small details or stampsize images with titles or short texts. The other aspects of selecting features was the nomenclature by C. Dee. Task: What are the typical functional elements? - circulation issues? - design solutions? - planting forms? - details of the proposals? Crop 16-20 details of the plans or postcards, group them into logical units and give short title and interpretative text to the stamps size image! On Figure 5 one can compare some of the students' works, while in the following part authors will list 16 visual vocabulary expressions relevant to the public park design on the turn of the century.

Stretching axial symmetry - based on the facades of the main building (people's hall) a long axis is stretching through he space which creates symmetrical composition on both sides; the symmetrical features are smaller o larger vanishing finally into the natural vistas.
Formal entrances - At the entrances or arrival zones the design is formal with smaller round/oval shaped spaces, or rectangular planting forms; this reates a transitional zone betwee the built rhythms of the city and th natural planting of the park.
Formal intersections - "Like a pendent on necklet" - At the junction points of the pretzel-shaped pathway network ittle formal spaces appear with oval, ound shape; they create a one-min ute-rest point while deciding which way to go on.
wroy lakeshore - The forms of the lakes are rather compact (not longish, serpentine), but the shoreline is very varied creating various bays and peninsulas, the grouped planting increases this effect.
isual vocabulary: functional solution Nursery areas needed - Nursery areas are always designed as an integral part of the park, usually on outskirts of the park, or on other locations, which were hard to integrate.
Border planting against noise - Attention was paid on urban conflicts, such as noise pollution or visual screening here a dense woodland with conifers and raised terrain were designed to reduce the unpleasant effects of the bypassing trains. Also dense planting can be seen around the A, B, C
restricted private areas.
Hippodrome gym grounds - For sport activities (which was mainly horse riding, croquet, running, gym or othe athletics) simple, tree-framed hippodrome grass areas were designed originating from P. J. Lenné's and G. Meyer's Neo-Roman garden designs; rondos or little curvy cropped rectangular spaces were also combined along the two axes.
Lookout points by the water - Following landscape garden traditions, the viewpoints (pavilions or circular seats) are very close to the lakeshore, on little peninsulas or rock formation; this water feature will become one of the most significant visual element of the parkscape from both perspectives: as a pathway destination and a focus point of the lake panorama.

Visual vocabulary: forms, fabric
Hierarchy of road network - For safety easons, the various means of traffic the park required a well-planned route network (carriageways: $7-12 \mathrm{~m}$, horse riding ways: $6-4 \mathrm{~m}$, pedestrian way 53 . The roads are mainly pretzel shaped with a waving, bypassing roa with lines of trees planted. The pathways are more undulating, providing opportunities for personal choice of ways.
Directed vistas - Formal planting (shrub bery or flowerbeds) was required next

to geometric elements of the park. In this case, the 3 fan-like views by the sportfield are determined by 4 deco rated forms and clumps of trees.
Formal, central design - As we can see, on all of the concepts there is a geometric, symmetrical design around the estaurants, cafés: the elevated terraces are round-arched, with fountains and carpet bedding in the middle, with 1-1/2-2 pavilions on the focal points, pergolas on the exedra. The pathways departing from this central areas are also symmetric for a while, then melting into the pretzel-naturalness.
eglected naturalness - The real, native natural scenarios (rocky creek banks) or picturesque views are not really articulated in the public park design
Fig. 5: Students'
works: Iconvocabulary of the vocabiary of the
turn of the e entury
park design: trak park design: Itak
Deniz, Janusz Deniz, Janusz
Filipiaiz, Dotto
as before. Brooks get less attention, sometime passing invisible, throug dense woodlands.

Visual vocabulary: planting
Dense, woody crossroads - The 6 proposals are very similar in the way of planting of bushes and trees: getting closer to the intersection of paths the vegetation is getting denser and thicker. $90 \%$ of these junctions are hidden by greenery. This created a -ial atmosphere of mysterious discovery, to find one's way by choosing the new pathway to the light. Loose open lawns - Unlike the solitaires and clumpy, semi-open fields of th 18th century landscape parks or arboretums, here almost all the public park proposals suggest absolute loose

## ÖSSZEFOGLALÓ



A Südparkot a breslaui városvezetés újratervezte a legjobb ötletek alapján, amelyet szintén bemutat az ujsag. A 4-6. feladatok már az ~1900 körüli meg valósuláshoz tartozó térképes elemzéseket, képeslap-montázsokat, 'köz park-10-parancsolatot' dolgozzák fel. Mivel az online adatbank igen gaz dag, es a park $90 \%$-ben ma is eredeti arculatat örzi, igy még virtuálisan is nagyon tanulságosan nyomon követ hetőek a kerttörténeti változások. A cikk második fele summázza a századforduló közpark-tervezésének formai, funkcionális, stiláris és ízlésbeli, valamint növényalkalmazási jellemzóit kis kép-ikonok, interpretációk segitségével, amelyen erősen tükröződik G Meyer féle tervezöi irányvonal. A diákmunkák alapján a szerzők szerkesztet ték a 6. összefoglaló ábrát, amely forma világát tekintve a Räde-féle közpark-stílusban nálunk ugyanígy visszaközzön. A közparkok éppúgy követik a tájépítészeti ílééváltozásokat, mint a kertek, utcabútorok, ugyanakkor számos funkcionális, térszerkezeti megoldás örökérvényú. A feladatsor segítségével a diákok maguk elemezték, figyelték meg, összegezték empirikus tapasztalataikat, és így követ keztetéseik is tartósabhak lettek, miközhen töbh grafikai képességfeilesztő tech nikát sajátítottak el.

