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20-39 **DARKO KAHLE**

THE ARCHITECTURAL OFFICE
VLADIMIR ŠTERK IN THE PERIOD 1923-1941

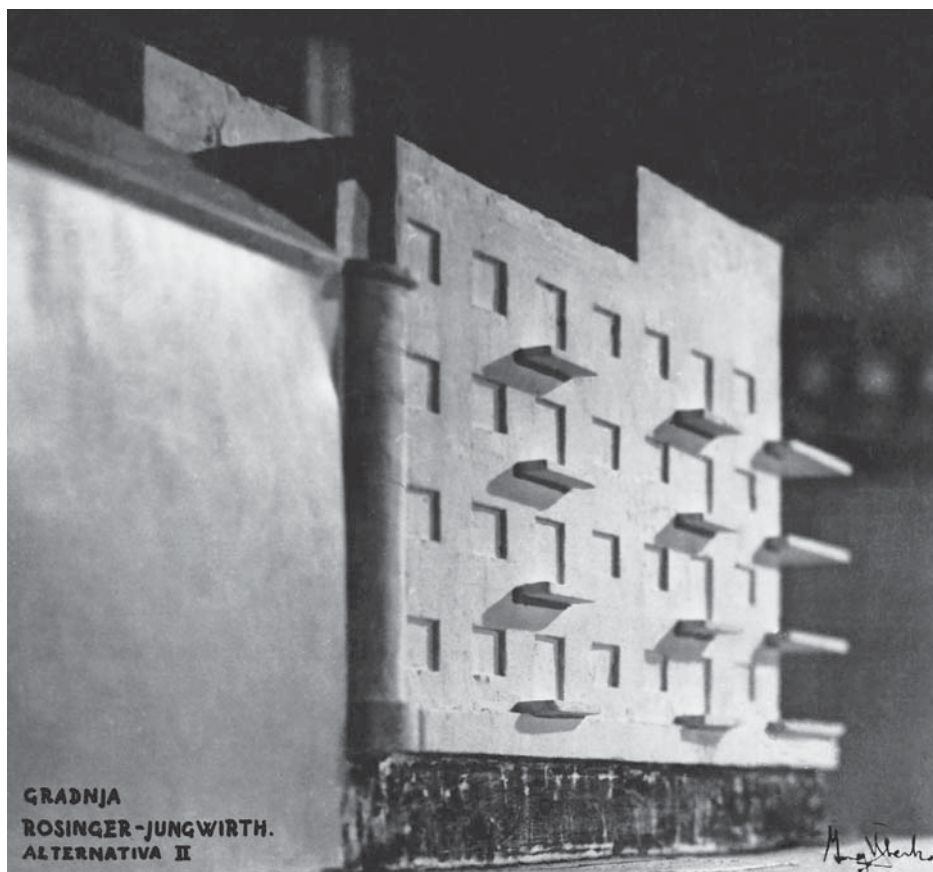
ORIGINAL SCIENTIFIC PAPER
UDC 72.008 V. ŠTERK "19"

ARHITEKTONSKI URED VLADIMIR ŠTERK
U RAZDOBLJU 1923.-1941.

IZVORNI ZNANSTVENI ČLANAK
UDK 72.008 V. ŠTERK "19"

FIG. 1 6S CAB ROSINGER & DR JUNGWIRTH,
30 DRASKOVICEVA ST. ZG, 1930-32, PHOTOGRAPHS
OF THE MODEL SHOWING VARIANT SOLUTIONS
FOR WESTERNMOST ORIEL IN ĐORĐICEVA ST.

SL. 1. ŠESTOETAŽNA UGLOVNA UGRADENA NAJAMNA
STAMBENA ZGRADA S DUCANIMA ROSINGER
& DR JUNGWIRTH, DRASKOVICEVA 30, ZG, 1930.-32.,
FOTOGRAFIJE MODELA S VARIJANTNIM RJEŠENJIMA
ZA ZAPADNI ERKER U ĐORĐICEVOJ ULICI



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THE ARCHITECTURAL OFFICE VLADIMIR ŠTERK IN THE PERIOD 1923-1941

ARHITEKTONSKI URED VLADIMIR ŠTERK U RAZDOBLJU 1923.-1941.

ARCHITECTURAL OFFICE
 KORKA, JOVAN
 ŠTERK, VLADIMIR
 ZAGREB
 1923-1941

ARHITEKTONSKI URED
 KORKA, JOVAN
 ŠTERK, VLADIMIR
 ZAGREB
 1923.-1941.

The article reconsiders the oeuvre of Architect Vladimir Šterk through his own Architectural Office and parallel joined office with Architect Jovan Korka in the period 1932-36. A thorough examination of circa 600 folders from various archives reveals 181 signed or attributed projects and realizations. Possibly, at least further 400 items were in some manner products made by employees or collaborators of Architectural Offices he effectively controlled.

Članak preispituje opus arhitekta Vladimira Šterka kroz djelovanje njegova arhitektonskog ureda i paralelnog zajedničkog ureda s arhitektom Jovanom Korkom u razdoblju 1932.-1936. Detaljan pregled oko 600 signatura iz različitih arhiva razotkriva 181 označen ili atribuiran projekt i izvedbu. Moguće je da je barem još 400 zahvata bilo u neku ruku produkcija arhitektonskih ureda koje je kontrolirao, odnosno različitih zaposlenika ili suradnika.

INTRODUCTION & BRIEF LITERATURE REVIEW

UVOD I SAŽETI PRIKAZ LITERATURE

This final article about Arch. Vladimir Šterk describes the role of the circle that surrounded him, also known as the "Network", in the history of Croatian architecture between the World Wars.¹

The first article about the architect and his oeuvre took the form of a preliminary report² that included an initial list of projects and actual buildings³ signed by him in the period 1923-41, plus a shorter list of projects he commenced outside Zagreb and finally a partial list of items yet to be researched, contained in the article footnotes. While researching this, it became evident that Šterk employed or worked with a large number of collaborators, of whom the most important during the period of the inauguration of the Modern Movement in Zagreb from 1928 to 1934 were the architects Kiverov, Korka and Krekić; subsequent research has included their work also. The initial article about them⁴ was composed primarily with the aim of outlining their careers. A further article about the beginning and consolidation of the Modern Movement in Zagreb⁵ discussed the importance of the Architectural Office of Vladimir Šterk, and listed many of the houses designed by Šterk and his collaborators. Additionally, a few Šterk's buildings containing interiors designed by the Arch. Zlatko Neumann have been identified.⁶

Also in the course of the study, some important articles written in the 1930s and 1940s

were located. Arch. Dr Pavao Deutsch wrote an explanatory article about flat roofs in 1932⁷, citing and illustrating important buildings designed by Šterk (A.43.,45.) among the examples of contemporary ultramodern design.

Surprisingly, some supporters of the quisling Ustasha regime that was in power during the period of the Independent State of Croatia (1941-45) appreciated the work of both Šterk and Jovan Korka. In his handbook for designing and building community houses⁸, Arch. Aleksandar Freudenreich, a long-term partner of Dr Deutsch between the World Wars, mentioned the elegant frontage and the magnificent interior of the Workers' Chambers Palace (A.61.,62.). Arch. Kruno Jurisić, a high-ranking Ustasha official, included Šterk in the list of important professionals in his summary of Croatian architecture in the first half of the 20th Century.⁹

Recently, three important books about architecture in Zagreb have included buildings designed by Šterk: *The Lexicon of Architects* by Prof. Uchytíl and his collaborators, which is in Croatian¹⁰; and two guides in English: *The Architectural Atlas* compiled by Prof. Damjanović¹¹ and the *Architecture Guide* composed by Prof. Karać & Dr Žunić.¹²

METHODOLOGICAL REMARKS

METODOLOŠKE NAPOMENE

The aim of this research has been to compile a complete catalogue of the items designed by Vladimir Šterk, i.e. to find and list every building in each chosen area in the selected period in which he was wholly or partially or

¹ I want to thank to the reviewers, Dr Tamara Bjazić Klarin, Ivana Hanićar Buljan, Dr Živana Hedbeli, Prof. Dr Zlatko Juric, Prof. Dr Zlatko Karać, Dani Sterk, Vojko Jehuda Sterk, Dr Hela Vukadin (in alphabetical order) and finally late Emil Pernar, for improving the article and making it more pleasant to read. I would also like to thank Dr John Milsom for proofreading.

² KAHLE, 2008: 193 ff., in Croatian. This article was written with intent to be smoothly translated in English via the Google Translate © or similar computer software with ease of access.

³ Further: items.

⁴ KAHLE, 2017: 256 ff., in English

⁵ KAHLE, 2016a: 48 ff., in English

⁶ KAHLE, 2015: 28 ff., in English

⁷ DEUTSCH, 1932: 20-21, in Croatian

⁸ FREUDENREICH, 1943: 324-325, in Croatian

⁹ JURISIĆ, 1943: 583, as Šterk, Eng. Vladimir (in Croatian), although partially erratic. Two points can be made here: first, that the quisling Ustasha regime accounted Croatian Jews into Croatian professionals and/or artists and second, that the very same regime regarded edifices with flat roofs with some merit, differently from the Nazi regime who banned them from 1933 (except for industrial purposes, see: ZUKOWSKY, 1994: 11; FRAMPTON, 2007: 217).

¹⁰ UCHYTIL, et al., 2011

¹¹ DAMJANOVIĆ, 2016

¹² KARAĆ, ŽUNIĆ, 2015

even slightly involved. The data inputs were the legal documents for the area, usually in the form of building codes and additional decrees which allow one to recognize the groups of landowners, architects and contractors active there at the time. Despite the fragmentary nature of the other contemporary supporting documentation, e.g. the records of architectural offices or construction companies as legal entities, it has been possible to build a model of the Architectural Office of Vladimir Šterk, defining the people who were partners, architects or structural engineers, whether assigned to particular projects or groups of projects or structural calculations.¹³ This method may be useful in many ways: for the correction of earlier errors in the chronology of the design or construction of some important masterworks, for the precise attribution of buildings to particular architects instead of anonymous employees of the construction company which signed drawings as a contractor¹⁴ and, last but not least, for modeling the as yet unknown paths to social acceptance or recognition of buildings that can now be seen as forerunners of new styles in a particular area, which hugely influenced other architects there.¹⁵

It can be stated that the actual number of items designed or built by Vladimir Šterk will never be exactly known. He signed or left other persuasive written evidence for 79 buildings (class A).¹⁶ It is possible, indeed probable, that he also designed or helped to design, or corrected otherwise inappropriate designs, for more than 300 buildings, bringing the total to about 400. His primary means of communicating designs were sketches made on tracing paper, found signed at least

¹³ During the research in State Archives in Zagreb [<http://daz.hr/en/>], I learned that only specific kinds of factual nodes may protect a researcher from being stranded into incorrect assumptions. To finally shape a network of specific architectural knowledge, one should develop tools to build reliable and convincing stories mined from myriad parts of stored data not in existence elsewhere. In the other hand, there are frequently in circulation certain lists of buildings or other achievements given by descendants or heirs of corresponding architects, either incomplete or cleaned of entries assumed to be not enough modern or fashion making or deliberately omitted of work considered as unimportant.

¹⁴ FRANKL, 1988: 149-156

¹⁵ There is evident influence of Architect Vladimir Šterk on e.g. Architect Prof. Zvonimir Vrkljan (who was, from September 1926, an apprentice in Ign. Fischer Arch. Office): Corner office building of the "International Bank Co.", 11 Martićeva St, Zagreb, building permit issued on May 10th, 1927; Residential complex with shops Aleksander-Domac, 1-3/2-4 Dezmanova St, Zagreb, building permit issued on June 17th, 1927; etc. etc.

¹⁶ Including invited competition for the Palace "Janeković", 1926: 1st prize Denzler, 2nd prize Freudenreich & (Dr) Deutsch, 3rd prize Šterk under the motto "Sphynx", commission: Ehrlich; competition for the dormitory complex "Hrvatski Radiša", Sept 1930: 1st Schindler, 2nd —, 3rd Albini, commission: Schindler & Šterk, all according to Tamara Bjažić Klarin.

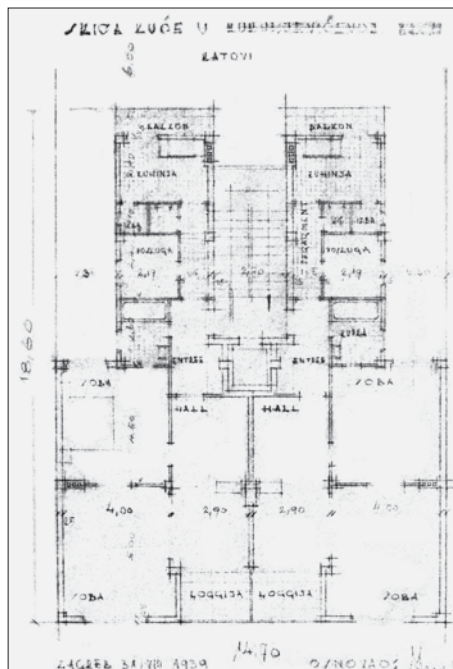


FIG. 2 5s AB PECINA, 6 KUKULJEVIĆEVA ST. ZG, 1939-40, PLAN

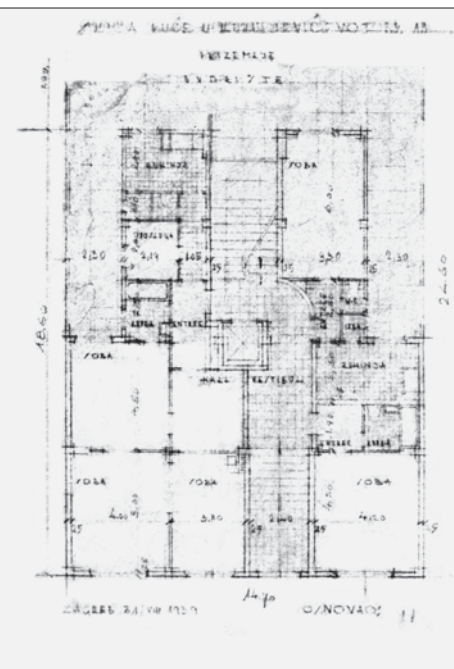
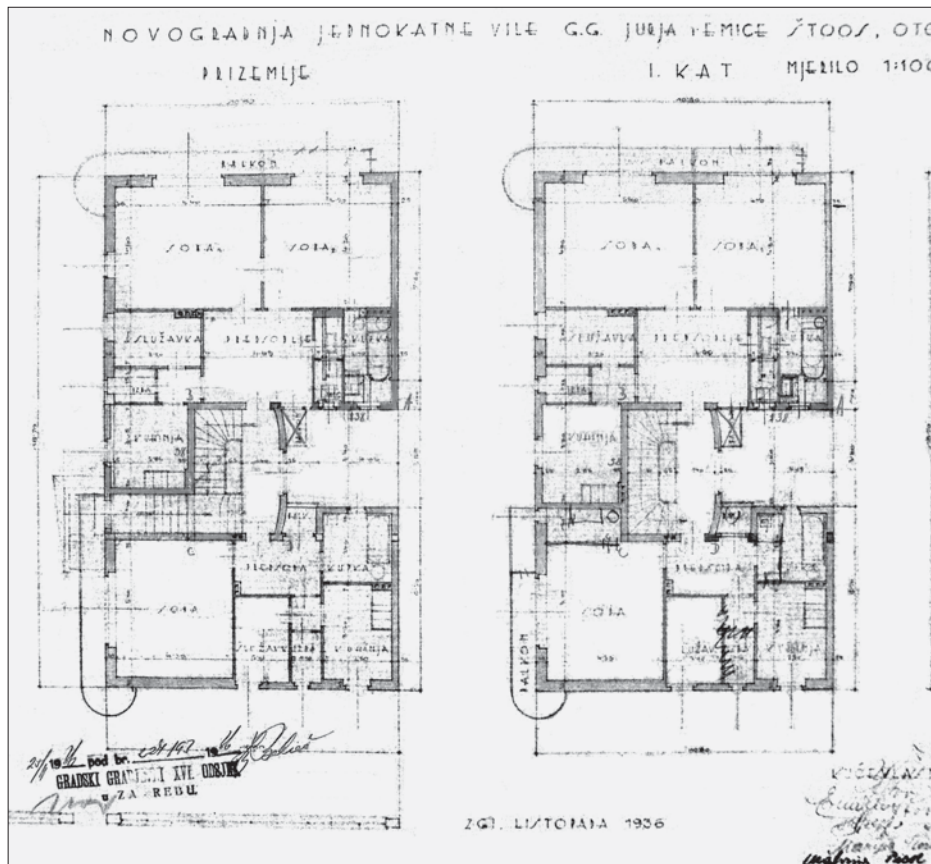


FIG. 3 5s V PICK&ŠTERK, O.&M.&ŠTOOS, 55 VOĆARSKA ST. ZG, 1936-37, PLANS

SL. 2. PETOETAŽNA UGRADENA NAJAMNA STAMBENA ZGRADA PECINA, KUKULJEVIĆEVA 6, ZG, 1939.-40., TLOCRT

SL. 3. TROETAŽNA VILA PICK&ŠTERK, O.&M.&ŠTOOS, VOĆARSKA 55, ZG, 1936.-37., TLOCRTI



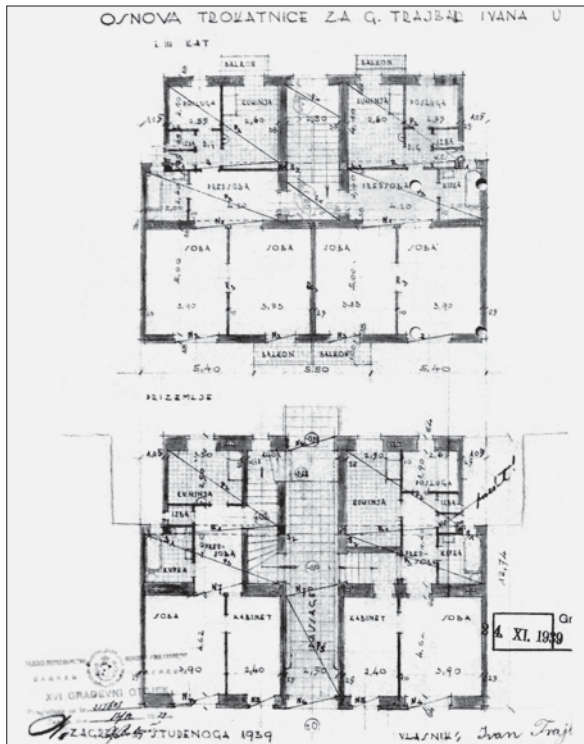
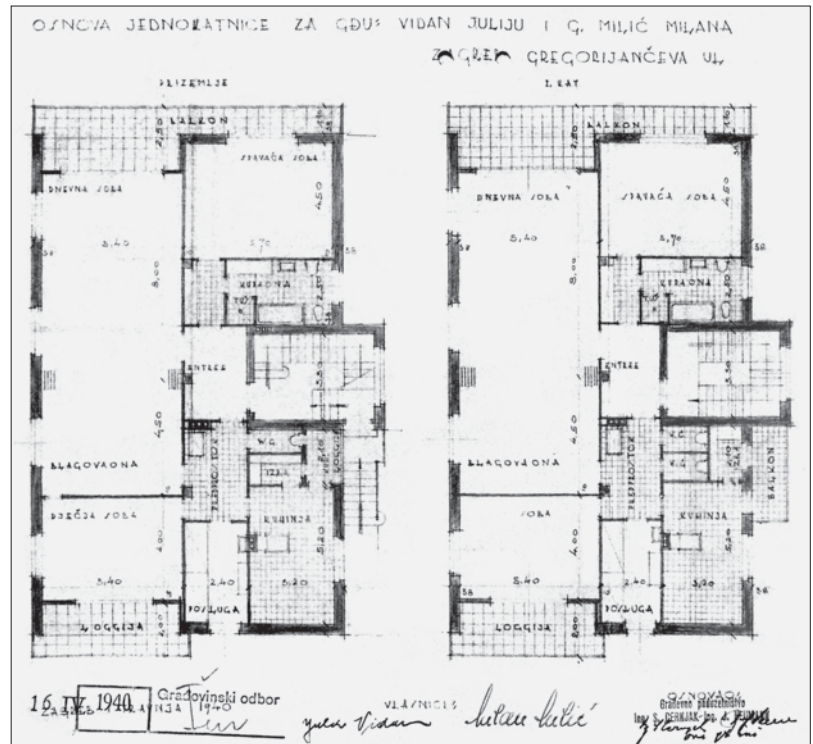


FIG. 4 5S AB TRAJBAR, 30 GRADA MAINZA ST. ZG, 1939-40, PLAN

SL. 4. PETOETAŽNA UGRAĐENA NAJAMNA STAMBENA ZGRADA TRAJBAR, GRADA MAINZA 30, ZG, 1939.-40., TLOCRT

FIG. 5 2S V VIDAN&MILIC, 19 GRŠKOVICEVA ST. ZG, 1940, PROJECT, PLAN

SL. 5. DVOETAŽNA VILA VIDAN&MILIC, GRŠKOVICEVA 19, ZG, 1940., NEIZVEDENO, TLOCRT



in one case (A.75.; Fig. 2).¹⁷ A set of unsigned sketches was found in another dossier (B.82.; Fig. 3).¹⁸ It appears that he was not particularly interested in signing every design he made, but rather felt that in some cases it would be better to leave the signing to various construction companies, especially where these were licensed for architectural design. What is being modeled here is an architectural design office, organized hierarchically around a master architect, his apprentices and other professionals involved in design. The pattern for the structural organization of the office – i.e. the distinction between important tasks that Šterk would sign himself and less important ones that he would allow other professionals to sign – cannot be rigidly defined, because there exist important designs which he left for others to sign (B.102.; Fig. 4),¹⁹ while at roughly the same time he signed for some minor tasks such as a garage and a brick wall (A.71.).²⁰ The probable answer would be a dynamically defined set of basic rules which included the context – the landowners and contractors, the tax policy in Zagreb and the Kingdom of Yugoslavia, the positions of his collaborators²¹ etc. Five classes of items can be recognised: A) Signed, i.e. 100% certainty (Table I); B) Attributed to him, with a certainty of more than 80% (Table II); C). Probably, but not provably, some involvement in design decisions²²; D) Assumed involvement, with a certainty of less than 20%; E) Designs by other people or groups in which he had at least some influence.

¹⁷ Dossier apartment building Pecina, 6 Kukuljevičeva St, Zagreb

¹⁸ Dossier villa Štoos-Šterk, 55 Vocarska St, Zagreb

¹⁹ Dossier villa Vidan & Milic, 19 St, Zagreb

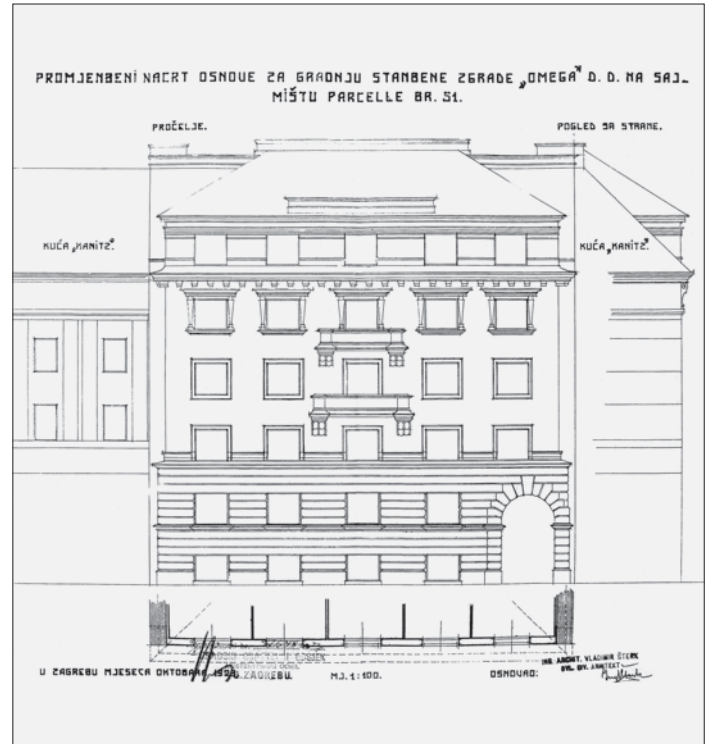
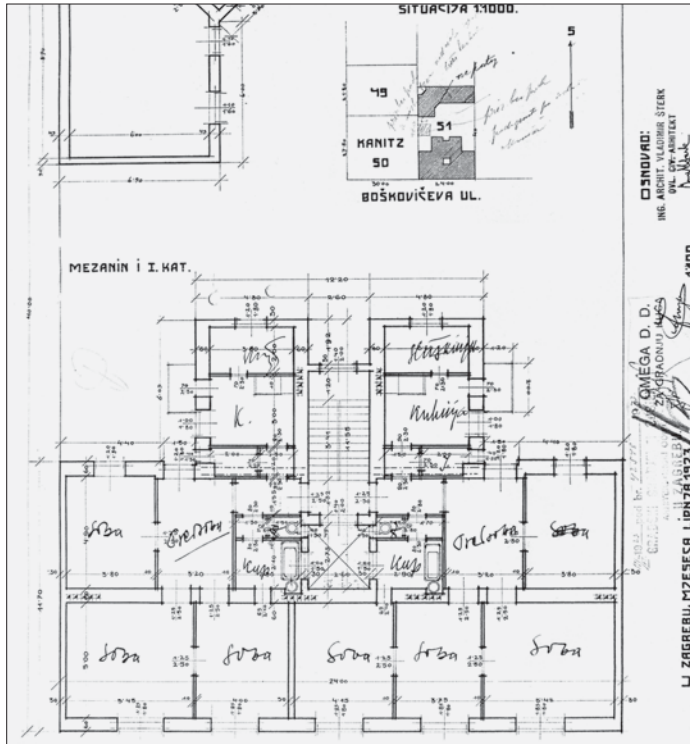
²⁰ Fence, dossier 10 Ivana Gorana Kovacica St, Zagreb

²¹ Trajbar signed the official return of drawings for apartment building Mikasinović, 18 Bogišićeva St, Zagreb, which appeared to be his only proven contact with this project.

²² Buildings not included in class B but could have been include the apartment building Massan, 16 Subičeva St (Geres); apartment building Trajbar, 18 Grahoroza St (Trajbar), apartment buildings 8 Vodovodna St, 16 Kačićeva St project & 17 Kn. Ljudevita Posavskog St (all three Pavao Pavša Baranyai), apartment building 19 Buconjičeva St (Sladoljev); front 29 Palmotičeva St (Pollak & Bornstein); apartment buildings 2 & 5 Radnički Dol St (Ebenspanger); apartment villa 55 Srebrnjak St (Badovinac); apartment building 5 Vlatka Maceka Sq. (Planić); corner apartment building 18 Solovjevljeva St (Badovinac); apartment buildings 3 Degenova St & 6 Maksimirska St (Kiverov, Holesek & Aranjos), 2 fronts designs for Eng. Kollibas (13 Krajiska St & 36 Gunduličeva St project), corner apartment building 13 Tomasičeva St (Badovinac, Aranjos), apartment building 8 Brozova St (Trajbar), corner apartment building 15 Buconjičeva St, (Badovinac), apartment building 44 Nova St (Trajbar), 57 Maksimirska St (Bösenbacher, Geres), apartment building 18 Tratinska St (Badovinac), (22), all in Zagreb, to name a few.

²³ The graduates of the Final Exam (Abitur, Matura) at the Natural Sciences High School in Zagreb were: 1908: Stjepan Hribar, Pavao Jusić; 1909: (Dr) Marko Vidaković, Vladimir Šterk; 1910: Stjepan Cernjak, Otmar Kanet, Gjuro (Đuro) Kastl, Josip Neumann; 1912: Oto Strgar, Ivan Zemljak, Drago Ibler; 1913: Franjo Kollibas; 1914: Leo Neuberger, Ljubomir Micić; 1915: Mirko Fijember, (Dr) Pavao Deutsch; 1916: Alfred Albini; 1917: Jaromir Dubsy, Bela Auer; 1918: Zlatko Neumann, etc. etc. among the others. [Primary sources: HSGERs]

²⁴ LRE, approved via the Decree No. III C 1070/Mar 31st, 1911, was the Croatian official examination under the Austro-Hungarian building code. It was applied in the King-



dom of SHS until the centralization of examining in Belgrade in 1925.

Taken on Jun 15th, 1920 (9 passed the exam): Struct. Eng. Stanko Juzbašić, Struct. Eng. Stjepan Szavits-Nossan [Savić-Nosan], Struct. Eng. Robert Stiašny, among the others.

Taken on Nov 15th, 16th, 17th, 1920 (12): Struct. Eng. Rajko Kušević, Struct. Eng. Josip Vesely, Struct. Eng. Ilija Cavlina, Struct. Eng. Dragutin Spiller, Struct. Eng. Josip Šurina, among the others.

Taken on Apr 20th, 1921 (6): Struct. Eng. Petaj [Pettaj] Veljko, Struct. Eng. Fridman [Friedmann] Armin, Struct. Eng. Senk Ivan, among the others.

Taken on Nov 25th, 1921 (6): Struct. Eng. Josip Pilar, Struct. Eng. Josip Neumann, Struct. Eng. Stjepan Cernjak (B grade), Struct. Eng. Robert Kolenc [Kollenz], Arch. Marko Vidaković, Arch. Oton Strgar (C grade), among the others.

Taken on Mar 21st, 22nd, 23rd, 1922 (17): Struct. Eng. Josip Seifert, Struct. Eng. Franjo Kollibas, Struct. Eng. Stjepan Novaković, Struct. Eng. Vlado Stulhofer, Struct. Eng. Aurel Spiller, Arch. Zlatko Prikrič, Arch. Ivan Zemljak, Arch. Vladimir Šterk, Arch. Đuro Kastl, Arch. Otmar Kanet, Arch. Stjepan Hribar, Arch. Marko Vrbanić, Arch. Milivoj Petrik, among the others.

Taken on Sept 20th, 21st, 1922 (14): Struct. Eng. Ferdo Keller, among the others.

Taken on May 17th, 18th, 1923 (15): Struct. Eng. Mate Crnić, Struct. Eng. Nikola Mark, Struct. Eng. Karlo Šefček, Struct. Eng. Josip Ursić, Arch. Stjepan Gomboš, Arch. Ivo Marčelja, among the others.

Taken on Mar 12th, 1924 (9): Struct. Eng. Albrecht Helfmann, Struct. Eng. Mirko Fijember, among the others.

Taken on Aug 12th, 1924 (8): Struct. Eng. Marin Bezić, among the others.

Taken on Feb 18th, 1925 (6): Struct. Eng. Ivan Kurtović, among the others, summa 102.

25 His wife Ankica Neumann and Vladimir Šterk's wife Aleksandrina were sisters born in the Roman Catholic family Favale.

26 For distinction between him and Architect Zlatko Neumann see: KAHLE, 2016b: 183.

27 I.e. the people who together with him standardized plan layouts for speculative apartment building construc-

THE OFFICE: DESCRIPTION OF HIS CIRCLE (THE NETWORK)

ARHITEKTONSKI URED: OPIS KRUGA (ILI NETZA, ODNOSNO MREŽE)

By considering the friendships and professional links which Šterk established during his childhood, schooling²³, study, professional exams²⁴ and later through his fruitful professional and artistic life, it is possible to describe, delineate and depict his method of finding and making his future allies, colleagues, collaborators and/or friends. Members of the **first**, innermost, circle were close family members or close collaborators, e.g. his future brother-in-law Eng. Josip Neumann²⁵ and his business partner Eng. Stjepan Cernjak, who founded "Cernjak & Neumann (J.)," which was one of the most innovative construction companies building with reinforced concrete in Zagreb and the surrounding area from 1923 to 1941.²⁶ In the **second** circle are people whom Šterk met or became acquainted with during his study in Prague and/or imprisonment as a PoW in Russia or on similar occasions, e.g. (Dr) Marko Vidaković (graduate of the Czech Institute of Technology in Prague), Ivan Zemljak (German Institute of Technology in Prague), Stjepan Hribar (Institute of Technology in Dresden)²⁷, Franjo Kollibas (Prague?), Jaromir Dubský (Prague?) and last but not least Đuro (Gjuro) Kastl (German Institute of Technology in Prague?), who was the architect in the firm

FIG. 6 6S AB "OMEGA D.D.", 3 KR. ZVONIMIRA ST. ZG, 1923-24., PLAN

SL. 6. ŠESTOETAŽNA UGRAĐENA NAJAMNA STAMBENA ZGRADA „OMEGA D.D.“, KR. ZVONIMIRA 3, ZG, 1923.-24., TLOCRT

FIG. 7 6S AB "OMEGA D.D.", 3 KR. ZVONIMIRA ST. ZG, 1923-24., FRONT

SL. 7. ŠESTOETAŽNA UGRAĐENA NAJAMNA STAMBENA ZGRADA „OMEGA D.D.“, KR. ZVONIMIRA 3, ZG, 1923.-24., PROČELJE

FIG. 8 6S OAB "GRADSKA STEDIONICA ETC. [= CITY SAVINGS BANK]", 10 BANA JOSIPA JELAČICA SQ. ZG, 1922, 1st COMPETITION ENTRY, PROJECT

SL. 8. ŠESTOETAŽNA UGRAĐENA UREDSKA I NAJAMNA STAMBENA ZGRADA, „GRADSKA STEDIONICA“, TRG BANA JOSIPA JELAČICA 10, ZG, 1922., PRVI NATJEČAJNI PROJEKT, NEIZVEDENO



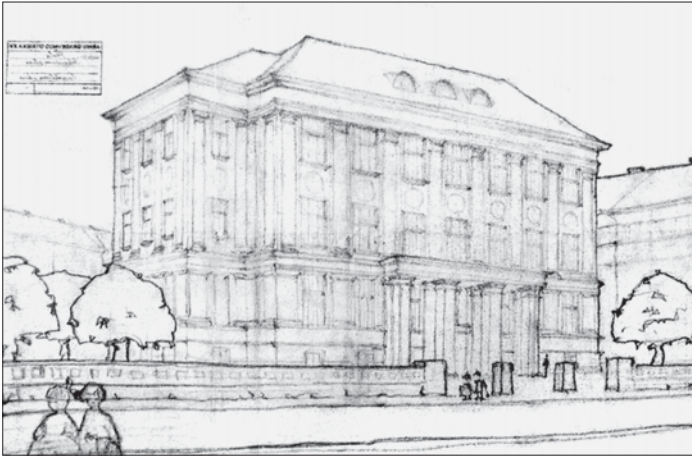


FIG. 9 ELEMENTARY SCHOOL 'ZAVRTNICA', TODAY SUVAG, 10 KN. LJ. POSAVSKOG ST. ZG, 1924-25, PERSPECTIVE
SL. 9. PUČKA SKOLA 'ZAVRTNICA', DANAS SUVAG, KN. LJ. POSAVSKOG 10, ZG, 1924.-25., PERSPEKTIVA



FIG. 10 3S CAB WITH SHOPS "T. C. BENEČIĆA SINOVİ D.D. [= BENEČIĆ SONS CO.]", 8 KR. PETRA KREŠIMIRA IV ST. SB, 1928-29, CONTEMPORARY PHOTOGRAPH
SL. 10. TROETAŽNA UGLOVNA UGRADENA NAJAMNA STAMBENA ZGRADA S DUĆANIMA „T. C. BENEČIĆA SINOVİ D.D.“, KR. PETRA KREŠIMIRA IV 8, SB, 1928.-29., SUVREMENA FOTOGRAFIJA

FIG. 11 5S AB WEILLER, 18 KRAJISKA ST, ZG, 1931-32, PHOTOMONTAGE
SL. 11. PETOETAŽNA UGRADENA NAJAMNA STAMBENA ZGRADA WEILLER, KRAJISKA 18, ZG, 1931.-32., FOTOMONTAŽA



"Špiller & Šurina" after Šterk left them and entered the Fischer Office. The **third** circle consists of people whom Šterk trusted or who were his closest collaborators in a given period of time, such as Stjepan Planić (before his defection²⁸ to Ibler), Albert Planer, Jovan Korka and Ivan Trajbar. In the **fourth** circle were people who put their trust in Šterk for the design, construction or supervision of specific projects or groups of projects, or in the making of structural calculations, or for other specific professional assistance, e.g. Stjepko Aranjoš (who later employed Alfred Hollesek, one of most gifted master builders) and his one-time partner Dragan M. Popović (who later signed projects designed by Georg Kiverov), Struct. Eng. Dr. Petar Krajcinović, who signed a series of projects in the 1930s, Struct. Eng. Veljko Pettaj, subcontractor on the "Zavrtnica" primary school (A.7.; Fig. 9), probably Ilija Badovinac²⁹, who was informally employed by "Cernjak & Neumann (, J.)" at the same time as he was formally employed by "Dubský & Co."³⁰, Struct. Eng. Holub and Struct. Eng. Herceg from Slavonski Brod, etc. The **fifth** circle includes students and graduates of the Department of Architecture of the Zagreb Institute of Technology, where Šterk taught as a non-contractual assistant (Albert Planer, Ilija Badovinac, Georg Kiverov, Jovan Korka, Milan Delenardo, probably Ernest Weissmann³¹). The most important member of this group was Gjuro Ancel-Medanić who, following graduation and military service, was an apprentice in the Šterk' office, was later employed by "Špiller & Šurina" and eventually became a public servant responsible for issuing permits from the City Construction Office. The **sixth** circle includes people who might be described as draftsmen, especially master builders, such as Josip Gereš, originally an unqualified draftsman in the City Construction Office, who became a licensed master builder after working for the "Gereš, Novčić & Wollmost" construction company, Dragutin Bösenbacher,

who drafted 300 to 500 projects as a public servant, Architect without License Osvald Schindler (who may also be considered a

tion in mid-1920es (compare KAHLE, 2017: 259): 1) Rectangle plan with lateral light wells, 1900 by Holjac; 2) Rectangle plan with lateral cutouts, 1910 by Sega (Fig. 4); 3) Plan with yard wing (T-form) and central light well, 1923 by Šterk (Fig. 6); 4) Plan with yard wing without central light well, 1926 by Šterk alone or together with Zemljak.

28 Šterk was so stunned with the fact that Planić signed drawings for famous Villa Pux (as Željka Corak christened it "Puks") instead of its true designer Prof. Ibler, that he vehemently rejected invitation to technical inspection (survey) in the process of issuing occupancy permit for adaptation Maravec in 26 Hebrangova St, Zagreb (A.25., which he designed and Planić was contractor-in-charge), with words written by the red pencil: Back! Eng VŠterk, on Jun 20th, 1928.

29 It is possible that Ilija Badovinac and Ivan Trajbar belonged either to the second circle, or to the fifth.

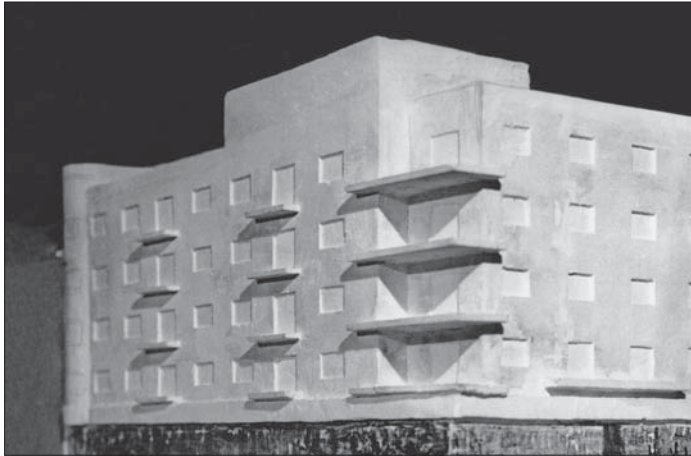
30 Ilija Badovinac was very interesting figure between the World Wars. He was employed by Dubský via Prof. Karl Gentzkow. After his dismissal from the Zagreb Institute of Technology faculty staff and replacement with Vrkljan (who appropriately forgot to mention any fact on Badovinac ever after), Šterk unofficially employed him for after-hours at his brother-in-law and partner Eng. Josip Neumann's firm (Cernjak & Neumann), probably saving his professional career. Badovinac was stated as one of collaborators at AB Ebenspanger, 15 Ilica St., being formally a Dubský employee. He later became partner in "Faltus Bros. & Badovinac", obtained the licensure and after short period of being on his own (1935-36, the affair with apartment villa Eng. Kolaric, 55 Srebrnjak St, Zagreb), probably attended the firm "Kaučić Bros & Gyiketta". Šterk usually corrected his designs. He was probably the person who, after Šterk' death and immediate establishment of the quiesling Independent State of Croatia, saved lives of Šterk' widow Aleksandrina and sons Veljko & Vojko-Jehuda, forced them to move from the villa 103A Pantovčak St to a smaller attic apartment in Draskovičeva St and to destroy the archive of late Architect Vladimir Šterk, according to Vojko-Jehuda Šterk oral conversation.

31 Villa Bogdanović, 90 Tuškanac St, where he was draughtsman temporarily employed for finishing drawings for issuing building permits. [Tamara Bjazić Klarin, oral communication]

32 The person who coined (or probably transferred) the term "Netz" (de) or "Mreža" (hr) i.e. the Network is the late Architect Emil Pernar, who attended my dissertation defense exam in 2007, through Dr Hela Vukadin.

33 HLAVINKA, 1906: 68-70

34 The startup construction company "Špiller, Juzbasić & Šurina", whose principals passed the LRE in 1920.



member of the third circle), who worked for Šterk between 1928-35, probably Marijan Turky and Aser Kabiljo, possibly Stjepan Kundić and Emanuel "Manko" Behrmann and, last but not least, Alfred Holleseck, who was originally apprenticed to Stjepko Aranjoš, later became independent and was killed the war in April 1941. This overall organization of the business of architecture one may call the Network.³²

DISCUSSION AND CONCLUSION

DISKUSIJA I ZAKLJUČAK

Arch. Vladimir Šterk attended the *Realgymnasium* in Zagreb in the first decade of 20th century, together with a dozen or more future structural engineers, chairmen of construction enterprises and civil servants involved in the construction industry between the World Wars, including the future founder of Zenitism, Ljubomir Micic. Becoming interested in architecture while still at school, he probably read Hlavinka's article on the centenary of the Czech Institute of Technology in Prague³³ and decided to enroll there after graduating from high school; there was a wide choice of possibilities, including every Institute of Technology in Austria-Hungary or Germany, e.g. Vienna, Budapest, the German Institute of Technology in Prague, Munich, Karlsruhe, Dresden or Charlottenburg (today Berlin IT).

His generation was the one most affected by the outbreak of the First World War, being conscripted into the armed forces with a real prospect to being captured and confined in a PoW camp. Having experienced all that, he managed to finish his studies and decided to return to Zagreb in the middle of the postwar construction boom in 1920-23. He chose to start his apprenticeship with some of his peers who were already Licensed Engineers³⁴, but being disappointed by their lack of commissions, due to their inexperience, which is typical of hierarchical societies such as the Zagreb of the 1920s and 1930s, he soon switched to the Architectural Office Ignjat Fischer, as probably one of its most experienced professional employees but ineligible to sign documentation because of his lack of formal higher education. There his abilities in architectural design went unrecognised and after acquiring his license he left Fischer and established his own Architectural Office in the Spring of 1923.

Most of his *Matura* peers acquired licenses, either as Civil Architects (Architectural Engineers) or Civil Engineers (Structural Engineers) in the period from 1920 to early 1925, when the former Construction Section of the Interior Affairs Department of the state government of Croatia-Slavonia-Dalmatia, by then designated as the Construction Directorate of the Construction Department of the

FIG. 12 6S CAB ROSINGER & DR JUNGWIRTH, 30 DRASKOVIĆEVA ST. ZG, 1930-32, PHOTOGRAPHS OF THE MODEL SHOWING VARIANT SOLUTIONS FOR WESTERNMOST ORIEL IN ĐORĐIĆEVA ST.

SL. 12. ŠESTOETAŽNA UGLOVNA UGRADENA NAJAMNA STAMBENA ZGRADA S DUCANIMA ROSINGER & DR JUNGWIRTH, DRASKOVIĆEVA 30, ZG, 1930.-32., FOTOGRAFIJE MODELA S VARIJANTNIM RJEŠENJIMA ZA ZAPADNI ERKER U ĐORĐIĆEVOJ ULICI

FIG. 13 4S CAB ENG. PILPEL, 7 PRERADOVIĆEVO PROMENADE, OS, 1932-33, RECENT PHOTOGRAPH

SL. 13. ČETVEROETAŽNA UGLOVNA UGRADENA NAJAMNA STAMBENA ZGRADA INZ. PILPEL, PRERADOVIĆEVO SETALISTE 7, OS, 1932.-33., RECENTNA FOTOGRAFIJA

FIG. 14 5S DORM BLOCK FOR STUDENTS "HRVATSKI RADIŠA", 12 KR. ZVONIMIRA ST. ZG, 1930, PERSPECTIVE FROM THE COMPETITION ENTRY, PROJECT

SL. 14. PETOETAŽNI SKLOP STUDENTSKOGA DOMA „HRVATSKI RADIŠA“, KR. ZVONIMIRA 12, ZG, 1930., PERSPEKTIVA NATJEČAJNOGA RADA, NEIZVEDENO

FIG. 15 3S V DR VRAGOVIC, 51 NAZOROVA ST. ZG, 1939-40, PERSPECTIVE

SL. 15. TROETAŽNA VILA DR. VRAGOVIC, NAZOROVA 51, ZG, 1939.-40., PERSPEKTIVA

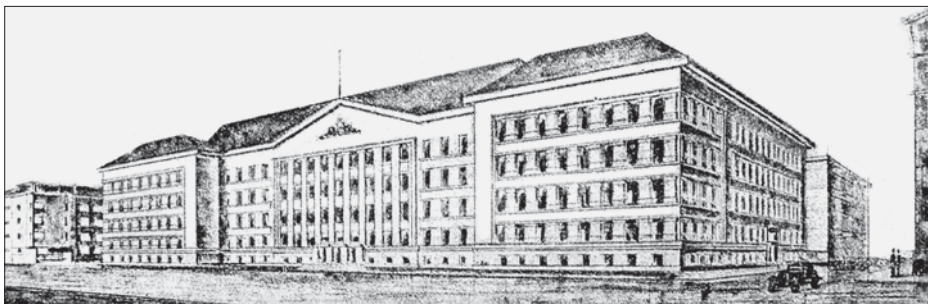
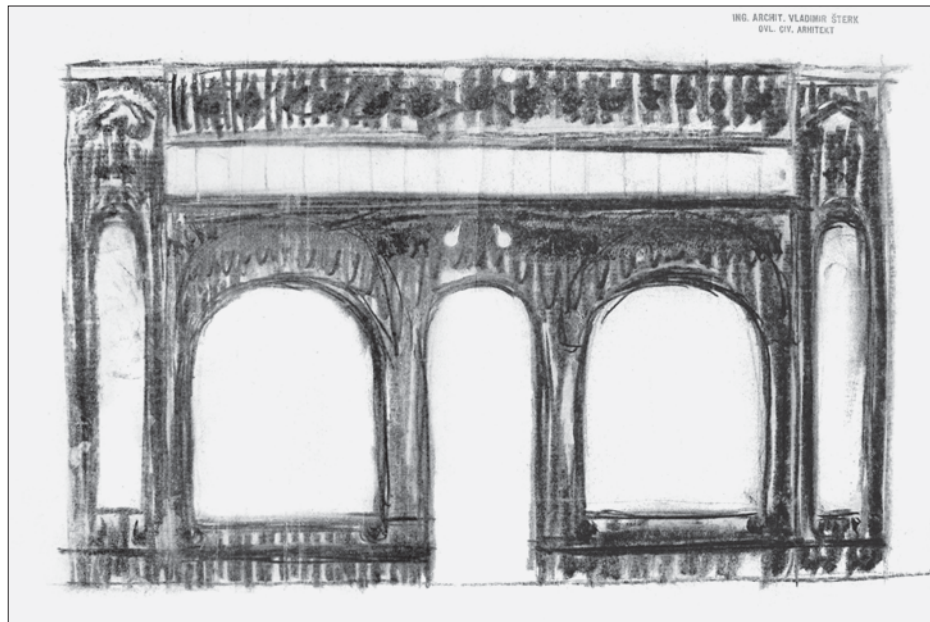


FIG. 16 SHOP "ENLESKI MAGAZIN [THE ENGLISH WAREHOUSE]", 10 PRAŠKA ST. ZG, 1923, FRONT
 SL. 16. DUCAN „ENLESKI MAGAZIN“, PRAŠKA 10, ZG, 1923., PROČELJE LOKALA



new state, continued to manage license examinations in the old way. After this time, professional licensing was reorganized and the examination system was centralized in Belgrade. Vladimir Šterk was among the 102 engineers of all professions who passed this exam, as were almost all of the colleagues with whom he would work in the future. These were the ideal circumstances in which to build up a reliable network of colleagues, collaborators and apprentices to carry out his architectural initiatives, and it is wrong to consider him as merely an ordinary construction entrepreneur. When he opened his architectural office in the spring of 1923 the stage was set, but due to a shortage of finance, which caused a slow-down in building activity, he was forced to take unofficial employment in the City Construction Office from Spring 1924 to Autumn 1925. After that he ran his own office until his death in 1941. Being for part of this time (probably from 1924 to 1926) unofficially employed as a lecturer at the Zagreb Institute of Technology, he was able to select the brightest students, people such as Planer, Badovinac, Ancel, Kiverov, Korka, Delenardo, for his office.

The system of office organization was made as simple as possible, to take into account the needs of the landowners, the obstacles to be circumvented when obtaining building and occupancy permits, and the needs of other collaborators of various types. The fact that the projects were not equally distributed through any given area but were grouped around one or more major programmes suggests that new clients were usually acquired by recommendation from existing clients, which was the normal way in which these things were managed in the Jewish community and the upper and middle classes in the recently defunct Habsburg Monarchy. He is seldom mentioned in newspapers and/or professional journals, and articles that he wrote himself are rare. Unlike Zlatko Neumann or Drago Ibler, he did not advertise. After acquiring clients through his Network, he carefully chose the people who would be working directly with him on parts of the project and those who would be working with one of his collaborators (e.g. Planic, Badovinac, Korka, Delenardo, Schindler, Trajbar). If he concluded that he could not sign a design, he didn't. He probably communicated with

his collaborators through small signed or unsigned pencil sketches on tracing paper. Being in direct contact with them, he usually corrected their initial designs (as he presumably did with several designs made by Badovinac). This system was ideally adapted to minimizing tax, because structural engineers and master builders were able to sign projects for building permits as contractors. Furthermore, he was chosen to rectify bad work on projects on numerous villas built by various city officials, and to redesign them to Modern Movement norms (Dr Maric, Galijan). When the real construction boom emerged in 1930-31, he expanded his Network to include even more people, most of them master builders.

A purely ideological argument gradually developed between the Šterk camp (with Vidakovic) and the Ibler camp, although both produced Modern Architecture. The Competition for the design of the Workers' Institutions' Palace complex was launched in 1932, when the construction business was already in decline. Korka, one of the two highest placed contestants in the first round, invited Šterk to help him. After securing the commission they officially established a shared Architectural Office, but at some time in 1935 Kiverov, Korka and Krekić began to diverge from their former master. It will, however, probably never be possible to dissociate their work before 1936 or 1937 completely from that of Šterk, because of the largely informal way the office was organized, without unnecessary paperwork or archiving of working sketches. It is even possible that the three of them informally worked on some later projects, to repay certain earlier obligations, as Šterk once did in his relationship with Fischer. The master builder Ivan Trajbar was an informal employee of the Šterk' Office in the late 1930s (Fig. 2-5), as was, probably, Eng. Ilija Badovinac (Fig. 15). Šterk's premature death in Spring 1941 destroyed his office organization, but Trajbar continued to design houses on his own account, although he was less skilled than his late master. Šterk's memory continued to be respected during the Second World War, but it was then forgotten until revived by Planić in a seminal discussion in 1976.

[Written in English by author;
proof-read by Dr John Milsom]

ABBREVIATIONS

SKRAĆENICE

Acad. Arch. (Akad. Arh.) – Academician Architect (hr: akademski arhitekt), the academic grade for students of Department of Architecture at the Academy of Fine Arts
 Anon. – Anonymous
 Arch. – Architect, architectural
 BL – bilingual
 CS – form. Czechoslovakia
 DAKA – City Archives, KA
 DAOS – City Archives, OS
 DASB – City Archives, SB
 DAZG – City Archives, ZG
 de – German language
 en – English language
 Eng. – Engineer (architectural, structural, electrical, mechanical)
 FGD – archival collection of photographs taken in process of issuing legal building and occupancy approvals (hr: Fotografije građevinske dokumentacije)
 GDR – German Democratic Republic (de: die Deutsche Demokratische Republik), 1949-1990
 hr – Croatian (Croato-Serbian) language
 HVAC – Heating, Ventilation & Air-Conditioning
 Jan/Dec – months
 Kn. – Duke (hr: Knez)
 Kr. – King (hr: Kralj)
 Lic. – Licensed
 LRE – Licensing Record Examination
 ML – monolingual
 NDH – hr: Nezavisna Država Hrvatska [Independent State of Croatia]
 Rep. – Republic (hr: Republika, Republike)
 SHS – [The Kingdom of] Serbs, Croats & Slovenes (hr: [Kraljevstvo] Srba, Hrvata i Slovenaca, sr: [Краљевство] Срба, Хрвата и Словенаца, sl: [Kraljevstvo] Srbov, Hrvatov in Slovencev)
 Sq. – Square
 St. – Street
 Struct. – Structural
 VEB – Volks[E]igener Betrieb, Publicly Owned Operation, a legal designation for state-owned enterprises in East Germany
 WWI – First World War
 WWII – Second World War
 ZGD – archival collection of documentation made in process of issuing legal building and occupancy approvals (HR: Zbirka građevinske dokumentacije)

TABLE I. DOCUMENTED PROJECTS, REALIZATIONS AND SERVICES 1921-1941 (A. 1.-79.)

TABL. I. DOKUMENTIRANI PROJEKTI, REALIZACIJE I USLUGE 1921.-1941. (A. 1.-79.)

No.	Address	Landlord	Date of preliminary official survey	Contractor	Collaborators	Typology*	Archival source, literature
A.1.	5 Mazuranica Sq., Zagreb	"Narodna sumska industrija [Peoples' Forrest Industry]"	technical survey Jun 18 th , 1920	Arch. I. Fischer; signed Prister Lic. Arch.; contractor Jos. Dubsy & Co. Lic. struct. Eng.	Šterk Architect-in-charge as apprentice in Ign. Fischer Arch. Office	6-story office and apartment building	HR-DAZG-1122-ZGD Mazuranicev trg 5, sign. r.-b.1805
A.2.	Zapresic, vicinity of Zagreb	"Industrija mesnih proizvoda [Meat Products Industry]"	inquiry Aug 28 th , 1920	Arch. I. Fischer; contractor: not known yet	Šterk Architect-in-charge as apprentice in Ign. Fischer Arch. Office	1-story pigsty	HR-DAZG-9-Kotarska oblast (Sresko načelstvo), sign. R1-R9 Građevne i uporabne dozvole – 1920.
A.3.	10 Martičeva St, Zagreb	"Jugoslavenska banka [Yugoslav Bank Co.]"	technical survey Mar 2 nd , 1921	Arch. I. Fischer; signed Milic Lic. Master Builder; contractor: not known yet	Šterk Architect-in-charge as apprentice in Ign. Fischer Arch. Office	6-story apartment building	HR-DAZG-1122-ZGD Martičeva 10, sign. r.2460/1 b.1777 1778
A.4.	10 Praska St, Zagreb	"Engleski magazin [The English Warehouse]"	technical survey Mar 16 th , 1923	Aranjos & Popovic Lic. Master Builder	Kiverov?	shop for luxury clothes; dismantled	HR-DAZG-1122-ZGD Praska 10, sign. r.-b.2280
A.5.	3 Kr. Zvonimira St, Zagreb	"Omega d.d."	technical survey Jul 11 th , 1923	Ivancić & Wolkenfeld Lic. struct. Eng.	Architect-in-charge Planic?	6-story apartment building	HR-DAZG-1122-ZGD Zvonimirova 3, sign. r.2007/3 b.2835; KAHLE, 2008: 204-206
A.6.	10 Praska St, Zagreb	"Engleski Magazin [The English Warehouse]"	technical survey Nov 11 th , 1923	Union Eng. Kollibas Lic. struct. Eng.	Kiverov?	doorway to store-house; dismantled	HR-DAZG-1122-ZGD Praska 10, sign. r.-b.2280
A.7.	10 Kn. Lj. Posavskog St, Zagreb	"Zavrtnica", today SUVAG	building permit Apr 22 nd , 1924	various contractors	Bösenbacher, Gaupp?	3-story school	HR-DAZG-10-GPZ/GO Škola Ivkanceva 10, sign. 186, 187
A.8.	23 Dordičeva St, Zagreb	Hochstädter	technical survey Nov 23 rd , 1924	signed Eng. Kollibas Lic. struct. Eng.	Geres, Kiverov? Planer?	5-story apartment building; not executed	HR-DAZG-1122-ZGD Dordičeva 23, sign. r.917/3 b.609/610
A.9.	25 Dordičeva St, Zagreb	Hochstädter	technical survey Nov 28 th , 1924	signed Eng. Kollibas Lic. struct. Eng.	Geres, Kiverov? Planer?	5-story corner apartment building; not executed	HR-DAZG-1122-ZGD Dordičeva 25, sign. r.917/5 b.-
A.10.	20 Preradoviceva St, Zagreb	Mautner	technical survey Feb 3 rd , 1925	Janko Holjac & Co. Lic. Arch.	Geres	shop; dismantled?	HR-DAZG-1122-ZGD Preradoviceva 20, sign. r.-b.2294
A.11.	4 in-the-yard Patačickina St, Zagreb	City of Zagreb administration	technical survey Feb 3 rd , 1925	various contractors	Gaupp? Kiverov?	2-story dormitory for manual workers	HR-DAZG-10-GPZ/GO Patačickina 4b, sign. 166
A.12.	Paris, France	Kingdom SHS pavilion at "Exposition des Arts Décoratifs"	exhibited from Apr 28 th to Oct [31 st (?)], 1925	–	Atelier Kerdic	lighting devices in the hall; dismantled	*** 1925: 7; KAHLE, 2008: 204-206
A.13.	28 Klaičeva St, Zagreb	Ilinic	technical survey Nov 7 th , 1925	–	Kiverov? Korka	reconstruction of 4-story office and residential building; not executed	HR-DAZG-1122-ZGD Klaičeva 28, sign. r.1860/1 b.1180; KAHLE, 2017: 264-265
A.14.	3 Gunduličeva St, Zagreb	Präger	technical survey Mar 20 th , 1926	Carnelutti Bros. Co. Lic. struct. Eng.	Ancel, Korka, Planer? Planic? Schindler	6-story office and apartment with shops	HR-DAZG-1122-ZGD Gunduličeva 3, sign. r.1302/3 b.796; KAHLE, 2008: 204-206; KAHLE, 2016a: 56-57; KAHLE, 2017: 264-265
A.15.	25 Tuskanac St, Zagreb	Schönbaum	technical survey Apr 16 th , 1926	Felix Florschütz & Hintermeier Bros Lic. Master Builder	Planer? Planic?	3-story villa	HR-DAZG-1122-ZGD Tuskanac 25, sign. r.-b.3123; KAHLE, 2008: 204-206
A.16.	16 Martičeva St, Zagreb (former Zagreb Fair area)	"Delta d.d."	building permit Apr 20 th , 1926	not known yet	not known yet	pavilion; dismantled	HR-DAZG-10 GPZ/GO [Building and Occupancy Permits Registers, year 1926, no. 198]
A.17.	27 Tuskanac St, Zagreb	Tassotti	technical survey Aug 3 rd , 1926	–	Planer? Planic?	3-story villa; not executed	HR-DAZG-1122-ZGD Tuskanac 21a, sign. r.-b.-; KAHLE, 2008: 204-206
A.18.	36 Ilica St, Zagreb	"Salamander d.d."	technical survey Aug 26 th , 1926	not known yet	not known yet	shop; dismantled	HR-DAZG-1122-ZGD Ilica 36, sign. r.1532/1 b.945; KAHLE, 2008: 204-206
A.19.	15 Draškovičeva St, Zagreb	"Janeković Bros"	1926	–	not known yet	invited competition for the corner apartment building with shops; not executed	Tamara Bjazić Klarin, oral communication

* The number of floors below is given as in the USA, i.e. the first story is the ground story.

No.	Address	Landlord	Date of preliminary official survey	Contractor	Collaborators	Typology*	Archival source, literature
A.20.	8 Ilica St, Zagreb	"t.t. Armano"	technical survey Feb 3 rd , 1927	Union Eng. Kollibas Lic. struct. Eng.	not known yet	shop; dismantled	HR-DAZG-1122-ZGD Ilica 8, 9, sign. r.1510 b.926/928; KAHLE, 2008: 204-206
A.21.	12 Britanski [British] Sq., Zagreb	"t.t. Braca Gross [=Gross Co.]" Bros	technical survey Mar 28 th , 1927	Union Eng. Kollibas Lic. struct. Eng.	Ancel, Kiverov? Korka, Schindler	6-story corner apartment building with shops	HR-DAZG-1122-ZGD Ilica 84, sign. r.1547/5 b.955; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.22.	90 Tuškanac St, Zagreb	Bogdanovic	technical survey Apr 16 th , 1927	Špiller & Šurina Lic. struct. Eng.	Kiverov? Weissmann	3-story villa	HR-DAZG-1122-ZGD Tuškanac 90, sign. r.-b.3125/2; KAHLE, 2008: 204-206
A.23.	17 Kr. Petra Kresimira IV Sq., Zagreb	Mr. Ph. Draganac	technical survey May 18 th , 1927	Cernjak & [J.] Neumann Lic. struct. Eng.	Ancel, Delenardo?	5-story corner apartment building	HR-DAZG-1122-ZGD Trg Petra Kresimira IV br. 17, sign. r.-b.1579; KAHLE, 2008: 204-206
A.24.	17 Vodnikova St, Zagreb	Schönbaum	technical survey Aug 31 st , 1927	–	Ancel, Schindler	5-story apartment building; not executed	HR-DAZG-1122-ZGD Vodnikova 13, sign. r.-b.3264; KAHLE, 2008: 204-206
A.25.	20 Gajeva St, Karlovac	"Borovecki"	building permit Dec 7 th , 1927	not known yet	not known yet	shop; dismantled	HR-DAKA-0086-ZGD Grada Karlovca 2.1. Gajeva 20, 1928
A.26.	26 Hebrangova St, Zagreb	Moravec	technical survey Dec 9 th , 1927	Stjepan Planic Lic. Master Builder	Ancel, Korka, Planic	reconstruction of 3-story apartment and residential building	HR-DAZG-1122-ZGD Brace Kavurica 24, sign. r.1358/4 b.231/233 (17)
A.27.	43 Deželiceva St, Zagreb	Kolar	technical survey Apr 16 th , 1928	contractor: the landlord	Kiverov? Korka	reconstruction of 3-story apartment and residential building with shops	HR-DAZG-1122-ZGD Prilaz JNA 43, sign. r.-b.2319; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.28.	8 Kr. Petra Kresimira IV St, Slavonski Brod	"t.t. C. Bencevica sinovi d.d. [=Bencevic Sons Co.]"	technical survey Jun 20 th , 1928	not known yet	Korka, Schindler	3-story corner apartment building	HR-DASB Gradsko poglavarstvo Slavonski Brod 1.3., sign. 7 Građevni odjel / 1932 (sic) [1928, 1929] / Inv. br. 30 - Gradnja Bencevic; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.29.	15 Grskoviceva St, Zagreb	Eng. Bedekovic (later: Eng. Bedekovic & Eng. Schindler)	technical survey Sept 2 nd , 1928	contractor: the landlord (Schindler only)	Korka, Schindler	2-story villa	HR-DAZG-1122-ZGD Grskoviceva 15, sign. r.1295/7 b.791; KAHLE, 2008: 204-206; KAHLE, 2016a: 56-57; KAHLE, 2017: 264-265
A.30.	31 Ilica St, Zagreb	"Ivette"	technical survey Feb 26 th , 1929	Pollak & Bornstein Lic. Master Builder	Korka	shop; not executed	DAZG-1122-ZGD Ilica 31, sign. r.1530/1 b.943/944; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.31.	Barcelona, Spain	Kingdom SHS pavilion at Exposición Internacional	exhibited from May 20 th , 1929 to Jan 15 th , 1930	not known yet	–	furniture arrangement; dismantled	not known yet
A.32.	15 Ilica St, Zagreb	Ebenspanger	technical survey Jun 14 th , 1929	Jos. Dubsky & Co. Lic. struct. Eng.	structural calculation: Dr Krajinovic signed: Stiasny; Badovinac, Korka, Schindler	7-story office and apartment building with shops	HR-DAZG-1122-ZGD Ilica 15, sign. r.1520/1 b.934/935; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.33.	Brod na Savi, today Slavonski Brod	"Brodaska Vinogradarska Zadruga [=Winery Cooperative of Brod [na Savi]]"	building permit Jul 17 th , 1929	not known yet	Schindler	2-story factory; damaged by bombings in WWII; demolished	HR-DASB Gradsko poglavarstvo Slavonski Brod 1.3., sign. 7 Građevni odjel / 1929 / Inv.br. 25 – Brodaska vinogradarska zadruga – ugao Harambasiceve i Pilarove; KAHLE, 2008: 204-206
A.34.	68 Nazorova St, Zagreb	Rado	technical survey Sept 9 th , 1929	not known yet	Kiverov? Korka	reconstruction of 1-story villa	HR-DAZG-1122-ZGD Nazorova 68, sign. r.2688/2 b.2002; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.35.	1 Tuškanac St, Zagreb	"Edison Palace Teatar"	technical survey Jan 30 th , 1930	Stanko Horvat Lic. Bricklayer	Horvat, S.	reconstruction of theatre	HR-DAZG-1122-ZGD Tuškanac 1, sign. r.-b.3126
A.36.	30 Krajiška St, Zagreb	Eisenstädter [A.&D.]	technical survey Apr 4 th , 1930	Cernjak & [J.] Neumann Lic. struct. Eng.	Korka	6-story corner apartment building	HR-DAZG-1122-ZGD Prilaz JNA 85, sign. r.-b.2325; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.37.	8 Valdecova St, Zagreb	Dumic	technical survey Jun 4 th , 1930	Mato Sterle Lic. Master Builder	Korka	reconstruction of 2-story villa	HR-DAZG-1122-ZGD Valdecova 8, sign. r.-b.3164; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.38.	17 Nikola Šubic Zrinski Sq., Zagreb	"ZG"	technical survey Jul 26 th , 1930	Cernjak & [J.] Neumann Lic. struct. Eng.	Korka	coffee shop	HR-DAZG-1122-ZGD Teslina 7, sign. r.-b.3020/1; KAHLE, 2017: 264-265
A.39.	7 Teslina St, Zagreb	"Medunarodna Banka [=International Bank Co.]"	technical survey Jul 27 th , 1930	Špiller & Šurina Lic. struct. Eng.	Korka, Svjet	retail banking office; dismantled	HR-DAZG-1122-ZGD Zrinski trg 17, sign. r.-b.3425

** In KAHLE, 2008: 204, building permit is erroneously stated Aug 23rd, 1927 instead of Oct 27th, 1927

*** In KAHLE, 2008: 204, building permit is erroneously stated Feb 14th, 1929 instead of Mar 6th, 1929

No.	Address	Landlord	Date of preliminary official survey	Contractor	Collaborators	Typology*	Archival source, literature
A.40.	31 Illica St, Zagreb	"Ivette"	technical survey Sept 16 th , 1930	Pollak & Bornstein Lic. Master Builder	Korka	shop; dismantled	DAZG-1122-ZGD Illica 31, sign. r.1530/1 b.943/944; KAHLÉ, 2008: 204-206; KAHLÉ, 2017: 264-265
A.41.	112 Pantovčak St, Zagreb	Mosinger	technical survey Oct 7 th , 1930	Špiller & Šurina Lic. struct. Eng.	Badovinac, Kastl? Kiverov? Korka	2-story villa	HR-DAZG-1122-ZGD Pantovčak 112, sign. r.2954/2 b.2137; KAHLÉ, 2008: 204-206; KAHLÉ, 2016a: 56-57; KAHLÉ, 2017: 264-265
A.42.	186 Illica St, Zagreb	Eisenstädter [E.]	technical survey Oct 13 th , 1930	Cernjak & [J.] Neumann Lic. struct. Eng.	Kiverov? Korka	5-story office and apartment building	HR-DAZG-1122-ZGD Illica 186, sign. r.1571/2 b.970/1; KAHLÉ, 2008: 204-206; KAHLÉ, 2017: 264-265
A.43.	30 Draskovičeva St, Zagreb	Rosinger & Dr Jungwirth	technical survey Oct 14 th , 1930	Ivancić & Wolkenfeld Lic. struct. Eng.	structural calculation: Dworzak; Kiverov, Korka, Krekić, Schindler	6-story corner apartment building	HR-DAZG-1122-ZGD Draskovičeva 30, Uglovnica Đorđićeva 23, sign. r.824 b.536; KAHLÉ, 2008: 204-206; KAHLÉ, 2015: 38; KAHLÉ, 2016a: 56-57; KAHLÉ, 2017: 264-265
A.44.	7 Teslina St, Zagreb	"Musik-Hall [Music Hall]"	technical survey Oct 22 nd , 1930	Georg Svjet Lic. struct. Eng.	Korka	theatre entrance; dismantled	HR-DAZG-1122-ZGD Teslina 7, sign. r.-b.3020/1; KAHLÉ, 2017: 264-265
A.45.	39 Jabukovac St, Zagreb	Radan	technical survey Apr 7 th , 1931	Ivancić & Wolkenfeld Lic. struct. Eng.	Kiverov, Korka, Krekić	3-story villa	HR-DAZG-1122-ZGD Jabukovac 39, sign. r.1654/9 b.1026; KAHLÉ, 2008: 204-206; KAHLÉ, 2016a: 56-57; KAHLÉ, 2017: 264-265
A.46.	4 Preradovićev Sq., Zagreb	"Konzum"	technical survey May 20 th , 1931	Jos. Dubský & Co. Lic. struct. Eng.	Badovinac	shop; dismantled	HR-DAZG-1122-ZGD Trg Petra Preradovića 4, "Kino Zagreb", 1901.-1942. sign. r.-b.3052; KAHLÉ, 2017: 264-265
A.47.	12 Kr. Zvonimira St, Zagreb	"Hrvatski Radisa"	drawings date May 20 th , 1931	Josip Aljinović Lic. struct. Eng.	Schindler	5-story dormitory block for students	HR-DAZG-1122-ZGD Zvonimirova 12, sign. r.-b.2836; KAHLÉ, 2008: 204-206
A.48.	5 Radiceva St, Zagreb	"Kurešević"	technical survey Oct 19 th , 1931	Ivancić & Wolkenfeld Lic. struct. Eng.	Schindler	shop; dismantled	HR-DAZG-1122-ZGD Radiceva 5, sign. r.-b.2423; KAHLÉ, 2008: 204-206
A.49.	11 Preradovičeva St, Zagreb	Arnstein & Ackermann [H.]	technical survey May 3 rd , 1932	–	Kiverov, Korka, Krekić	6-story office and apartment building; not executed	HR-DAZG-1122-ZGD Preradovičeva 11, sign. r.-b.2291/2292; KAHLÉ, 2008: 204-206
A.50.	3 rd & 4 th floor, 17 Nikola Subić Zrinski Sq., Zagreb	Schwarz	technical survey May 17 th , 1932	Faltus Bros. Co. Lic. Arch. & Lic. struct. Eng.	Korka	reconstruction of corner apartments of 5-story corner apartment building with shops	HR-DAZG-1122-ZGD Zrinjski trg 17, sign. r.-b.3425
A.51.	7 Preradovičeva Promenade, Osijek	Eng. Pilpel	inquiry May 18 th , 1932	Dlouhy & Fulla Lic. struct. Eng.	Kiverov, Korka, Krekić	4-story corner apartment building	HR-DAOS-10 Gradsko poglavarstvo Osijek 63.5.1-6 Setaliste Petra Preradovića 7 Pilpel Vjekoslav novogradnja dvokatnice; KAHLÉ, 2008: 204-206
A.52.	16 Filipovičeva St, Slavonski Brod	Dr Duffek	building permit Aug 8 th , 1932	–	Kiverov, Korka, Krekić	reconstruction of 2-story villa; not executed	HR-DASB Gradsko poglavarstvo Slavonski Brod 1.3., sign. 7 Građevni odjel / 1933 / Inv.br. 31 – Dr Duffek
A.53.	1 Pobjede [=Victory] Sq., Slavonski Brod	"t.t. C. Bencevića sinovi d.d. [=Bencević Sons Co.]"	building permit Sept 1 st , 1932	not known yet	Kiverov, Korka, Krekić	4-story hotel	HR-DASB Gradsko poglavarstvo Slavonski Brod 1.3., sign. 7 Građevni odjel / 1933 / Inv.br. 31 – Hotel Bencević
A.54.	Block Kaciceva – Klaičeva – Hochmannova – Kršnjavoga Streets, Zagreb	"Palaca Radničkih Ustanova [=Workers' Institutions' Palace]"	competition announcement Jan 21 st , 1933	–	structural calculation: Dr Krajčunović; Korka	5-story office and apartment complex with cinema; not executed	HR-DAZG-10 GPZ Odsjek za općinske zgrade sign. 227 Klaičeva ulica Palaca radničkih ustanova; ibid. GPZ Trzni odsjek Radničke ustanove – Šterk; KAHLÉ, 2017: 264-265
A.55.	1 Brace Radić Quai, Slavonski Brod	Ackermann [F.] & Schwendemann	building permit Jun 1 st , 1934	not known yet	Kiverov, Korka, Krekić	3-story corner apartment building	HR-DASB Gradsko poglavarstvo Slavonski Brod 1.3., sign. 7 Građevni odjel / 1934 / Inv.br. 34 – Ackermann / Schwendemann
A.56.	29 Radiceva St, Zagreb	Mazić	technical survey Jul 10 th , 1934	Gabriel Mecnar, Lic. Bricklayer	Kiverov, Korka, Krekić	façade reconstruction of 4-story apartment building	HR-DAZG-1122-ZGD Radica Pavla 29. sign. r.-b.2925
A.57.	15 Kr. Zvonimira St, Zagreb	City Public Employment Office ("Javna burza rada")	technical survey Apr 6 th , 1935	Faltus Bros. Co. Lic. Arch. & Lic. struct. Eng.	structural calculation: Dr Krajčunović; Kiverov, Korka, Krekić	6-story office building with dormitory apartments	HR-DAZG-1122-ZGD Zvonimirova 15, sign. r.2010/5 b.2836; KAHLÉ, 2008: 204-206; KAHLÉ, 2017: 264-265
A.58.	8 Ozaljska St, Zagreb	Palčić	technical survey Apr 10 th , 1935	not known yet	Kiverov, Korka, Krekić	reconstruction of 2-story apartment building	HR-DAZG-1122-ZGD Končareva 90, Ozaljska 8, sign. r.2872/1 b.1241; KAHLÉ, 2008: 204-206

No.	Address	Landlord	Date of preliminary official survey	Contractor	Collaborators	Typology*	Archival source, literature
A.59.	8 Dezmanova St, Zagreb	Pick	technical survey Aug 24 th , 1935	Cernjak & [J.] Neumann Lic. struct. Eng.	structural calculation: Dr Krajinović; Kiverov, Korka, Krekić	6-story apartment building	HR-DAZG-1122-ZGD Dezmanova 8, sign. r.716/2 b.-; KAHLE, 2008: 204-206
A.60.	2 Kr. Petra Kresimira IV Sq., Zagreb	"Radnička Komora [=Workers' Chamber] Vilim Buksek"	technical survey Oct 17 th , 1935	Josip Ćorko Co. Arch. Eng. & Lic. Master Builder; various subcontractors for steel structure & HVAC	structural calculation: Dr Krajinović; Kiverov, Korka, Krekić	6-story corner office building with apartments and cinema	HR-DAZG-1122-ZGD Trg kralja Kresimira IV 2, Radnička komora 1935./1964. sign. r.-b.1577; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.61.	2 in-the-yard Kr. Petra Kresimira IV Sq., Zagreb	"Radnička Komora [=Workers' Chamber] Vilim Buksek"	technical survey Oct 17 th , 1935	Josip Ćorko Co. Arch. Eng. & Lic. Master Builder; various subcontractors for HVAC	structural calculation: Dr Krajinović, Kiverov, Korka, Krekić	3-story office building	HR-DAZG-1122-ZGD Trg kralja Kresimira IV 2, Radnička komora 1935./1964. sign. r.-b.1577; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.62.	Medvednica, north of Zagreb	"Runolist [Edelweiss]"	1936	not known yet	Kiverov, Korka, Krekić	3-story mountain lodge	HR-DAZG-1122-ZGD Vlaska 70, sign. r.-b.3233; KAHLE, 2008: 204-06
A.63.	70 in-the-yard Vlaska St, Zagreb	Gjureković	technical survey Jan 6 th , 1936	Mato Miklec Lic. Bricklayer	Kiverov, Korka, Krekić	theatre building	HR-DAZG-1122-ZGD Nazorova 56, sign. r.-b.2686/4 b.2000; KAHLE, 2008: 204-206; KAHLE, 2017: 264-265
A.64.	56 Nazorova St, Zagreb	Rodanić	technical survey Mar 18 th , 1936	Jos. Dubsy & Co. Lic. struct. Eng.	Kiverov, Korka, Krekić	2-story villa	ŠTERK, 1939: 146; KAHLE, 2008: 204-206
A.65.	35 Babonićeva St, Zagreb	Fürst	technical survey Jun 20 th , 1936	Franjo Durlen Lic. Bricklayer	Trajbar	3-story villa	HR-DAZG-1122-ZGD Babonićeva 35, sign. r.134/8 b.-; KAHLE, 2008: 204-206
A.66.	16 Gajdekova St, Zagreb	Eng. Kranjčec	technical survey Dec 29 th , 1936	Eng. I. Kurtović Co. Lic. struct. Eng.	Trajbar	3-story villa	HR-DAZG-1122-ZGD Gajdekova 16, sign. r.1032/8 b.678; KAHLE, 2008: 204-206
A.67.	9 in-the-yard Škrleževa St, Zagreb	Grünwald	technical survey Jan 23 rd , 1937	Franjo Durlen Lic. Bricklayer	Trajbar	3-story villa annex	HR-DAZG-1122-ZGD Škrleževa 9, sign. r.-b.3202/3; KAHLE, 2008: 204-206
A.68.	4 Arnoldova St, ZG	Dr Medved	technical survey Mar 9 th , 1937	V. Pettaj Lic. struct. Eng.	structural calculation: Dr Krajinović; Trajbar	5-story apartment building	HR-DAZG-1122-ZGD (Kovacićeva V. 4) Arnoldova 4, sign. r.33/3 b.27 ⁸¹ (1310); KAHLE, 2008: 204-206
A.69.	3 Gundulićeva St, Zagreb	Präger [D.]	technical survey Sept 9 th , 1937	not known yet	Trajbar	office annex at 2 nd floor of 6-story office and apartment building with shops	HR-DAZG-1122-ZGD Gundulićeva 3, sign. r.1302/3 b.796
A.70.	1 Tuskanac St, Zagreb	"Tuskanac"	technical survey Jan 16 th , 1938	Dragutin Švab [Schwab], Lic. Master Builder	structural calculation: Dr Krajinović; Trajbar	unofficial technical survey and preliminary structural report of adaptation of theatre	HR-DAZG-1122-ZGD Tuskanac 1, sign. r.-b.3126; KAHLE, 2008: 204-206
A.71.	10 Ivana Gorana Kovačića St, Zagreb	Zmajić	technical survey May 5 th , 1938	Eng. I. Kurtović Co. Lic. struct. Eng.	Trajbar	fence	HR-DAZG-1122-ZGD Kovacićeva 10, sign. r.1975/5 b.-
A.72.	10 Ivana Gorana Kovačića St, Zagreb	Zmajić	technical survey Jul 14 th , 1938	Eng. I. Kurtović Co. Lic. struct. Eng.	Trajbar	garage	HR-DAZG-1122-ZGD Kovacićeva 10, sign. r.1975/5 b.-
A.73.	103A Pantovčak St, Zagreb	Neumann [A. & Sterk, A. [Favalle sisters]]	technical survey Apr 12 th , 1939	Cernjak & [J.] Neumann Lic. struct. Eng.	Trajbar	3-story villa	HR-DAZG-1122-ZGD Pantovčak 103A, sign. r.-b.2135; KAHLE, 2008: 204-206
A.74.	64A Medvedgradska St, Zagreb	Hursa	technical survey Jun 20 th , 1939	–	Trajbar	3-story apartment building; not executed	HR-DAZG-1122-ZGD Medvedgradska 64A, sign. r.2519/5 b.1824; KAHLE, 2008: 204-206
A.75.	6 Kukuljjevićeva St, Zagreb	Pecina	technical survey Sept 1 st , 1939	Presicek & Levi Co. Lic. Master Builder	structural calculation: Dr Krajinović; Trajbar	5-story apartment building	HR-DAZG-1122-ZGD Kukuljjevićeva (sic!) 6, sign. r.2143/4 b.2497/1; KAHLE, 2008: 204-206
A.76.	15 in-the-yard Republike Austrije St, Zagreb	Rajić	technical survey Jun 20 th , 1940	–	Trajbar	3-story apartment building; not executed	HR-DAZG-1122-ZGD Oreškovića (sic!) 15, Republike Austrije 15, sign. r.-b.2096 2097
A.77.	15 in-the-yard Republike Austrije St, Zagreb	Rajić	rejected Sept 27 th , 1940	–	Trajbar?	3-story apartment building; not executed	HR-DAZG-1122-ZGD Oreškovića (sic!) 15, Republike Austrije 15, sign. r.-b.2096 2097
A.78.	7 Goljak St, Zagreb	Toközy	technical survey Oct 11 th , 1940; rejected	–	Trajbar?	3-story villa; not executed	HR-DAZG-1122-ZGD Goljak 7, sign. r.1074/5 b.-
A.79.	5 Kn. Branimira St, Zagreb	–	Nov 25 th , 1940	designed and contracted by Zorislav Franjetić, Lic. Arch. Eng.	–	technical survey of structure quality of reinforced concrete skeleton of 6-story corner apartment building	HR-DAZG-1122-ZGD Branimirova 5, sign. r.450/1 b.239

TABLE II ATTRIBUTED DESIGNS AND REALIZATIONS 1921-1941 (B. 1.-102.)

TABL. II. ATRIBUIRANI PROJEKTI I REALIZACIJE 1921.-1941. (B. 1.-102.)

	Address	Landlord	Date of preliminary official survey	Contractor	Collaborators	Typology	Archival source, literature
B.1.	10 Voncina St, Zagreb	Markus	technical survey Sept 15 th , 1921	Arch. I. Fischer; signed Prister Lic. Arch.; contractor Jos. Dubsy & Co. Lic. struct. Eng.	Šterk designer as apprentice in Ign. Fischer Arch. Office	2-story villa	HR-DAZG-1122-ZGD Voncina 10, sign. r.-b.3293
B.2.	1 Žrtava fasizma Sq., Zagreb	"Vacuum Oil Company d.d.", later Brunner Sons.	technical survey Feb 8 th , 1922	Arch. I. Fischer; signed Prister Lic. Arch.; contractor Jos. Dubsy & Co. Lic. struct. Eng.	Šterk designer as apprentice in Ign. Fischer Arch. Office	4-story corner apartment building with shops	HR-DAZG-1122-ZGD Trg žrtava fasizma 1, sign. r.-b.3077/1
B.3.	23-23A Savska St, Zagreb	"Slavonija d.d.", today five story handicraft high school building	technical survey Sept 18 th , 1922; change of project 1923?	Arch. I. Fischer; signed Prister Lic. Arch.; contractor Jos. Dubsy & Co. Lic. struct. Eng.	Dubsy probably recommended Šterk for front design	4-story corner office building	HR-DAZG-1122-ZGD Savska 23 i 23a, Skola, sign. r.-b.2654; KAHLÉ, 2008: 204-206
B.4.	10 Ban Josip Jelčić Sq., Zagreb	"Gradska stedionica etc. [=City Savings Bank]"	technical survey May 12 th , 1923	Arch. I. Fischer; signed Milic Lic. Master Builder; contractor Kaiser & Segal Lic. struct. Eng.	Šterk designer as apprentice in Ign. Fischer Arch. Office	6-story office and apartment building with shops	HR-DAZG-1122-ZGD Trg bana Josipa Jelčića 10 i 10a i Gradska stedionica, sign. r.-b.3069; KAHLÉ, 2008: 204-206
B.5.	57 Bosanska St, Zagreb	Dr Šaban	technical survey Apr 5 th , 1924	signed Eng. Šilović Lic. struct. Eng. & Eng. Seifert	Geres	4-story villa; not executed	HR-DAZG-1122-ZGD Bosanska 29, sign. r.392/9 b.-
B.6.	11 Grskoviceva St, Zagreb	Kraus	technical survey Aug 27 th , 1924	signed Cernjak & [J.] Neumann Lic. struct. Eng.	plan layout: Zemljak, front design: Šterk	4-story villa	HR-DAZG-1122-ZGD Grskoviceva 11, sign. r.1295/2 b.791
B.7.	20 in-the-yard Preradovičeva St, Zagreb	Mautner	technical survey Feb 3 rd , 1925	signed Janko Holjac & Co. Lic. Arch.; contractor Union Eng. Kollibas Lic. struct. Eng.	Geres	reconstruction of 3-story apartment building	HR-DAZG-1122-ZGD Preradovičeva 20, sign. r.-b.2294
B.8.	104 Illica St, Zagreb	Fischer, B.&P.	technical survey Nov 4 th , 1925; change of project 1926?	signed V. Pettaj Lic. struct. Eng.; later Cernjak & [J.] Neumann Lic. struct. Eng.	Ancel, Badovinac? Bösenbacher, Gaupp? Korka?	4-story apartment building with shops	HR-DAZG-1122-ZGD Illica 104, sign. r.1552/1 b.95,959
B.9.	3 rd floor, 4 A. Starčevića Sq., Zagreb	Schotten	technical survey Feb 2 nd , 1926	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Badovinac, Kiverov?	reconstruction of an apartment	HR-DAZG-1122-ZGD Starčević trg 4, sign. r.-b.2887
B.10.	3 rd floor, 6 Frankopanska St, Zagreb	Weinberger	technical survey May 20 th , 1926	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Badovinac, Kiverov?	reconstruction of an apartment	HR-DAZG-1122-ZGD Frankopanska 6, sign. r.1016/4 b.664/1
B.11.	2 nd floor, 10 Senoina St, Zagreb	Pisker	technical survey Jun 1 st , 1926	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Badovinac, Kiverov?	reconstruction of an apartment	HR-DAZG-1122-ZGD Senoina 10, sign. r.-b.2955
B.12.	20 Smičklasova St, Zagreb	Massan	technical survey Aug 24 th , 1926	signed & contractor Geres, Novacic & Wollmost Lic. Master Builder	Badovinac, Bösenbacher, Gaupp, Kiverov?	5-story apartment building	HR-DAZG-1122-ZGD Smičklasova 20, sign. r.-b.2828/1
B.13.	3 Kn. Višeslava St, Zagreb	Weinberger	technical survey Jan 21 st , 1927	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Ancel	6-story apartment building	HR-DAZG-1122-ZGD Kovacevića 5, Kneza Višeslava 5, sign. r.1894/5 b.-
B.14.	5 Kn. Višeslava St, Zagreb	Schrenger	technical survey Jan 21 st , 1927	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Ancel	6-story apartment building	HR-DAZG-1122-ZGD Kovacevića 5, Kneza Višeslava 5, sign. r.1894/5 b.-
B.15.	7 Kn. Višeslava St, Zagreb	Hubat (Hubad)	technical survey Jan 31 st , 1927	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Badovinac, Kiverov?	6-story apartment building	HR-DAZG-1122-ZGD V. Kovacevića 7, Kneza Višeslava 7, sign. r.1895/1 b.1304
B.16.	16 Krizaničeva St, Zagreb	Fuchs	technical survey Feb 3 rd , 1928	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Ancel, Kiverov? Schindler	5-story corner apartment building	HR-DAZG-1122-ZGD Krizaničeva 16, sign. r.2090/3 b.1445
B.17.	17 Maruliceva Sq., Zagreb	the "Retirement fund of employees of Croatian Statal Theatre"	technical survey Dec 3 rd , 1928	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Badovinac, Delenardo, Dr Deutsch? Kiverov, Korka, B. Petrović?	6-story apartment building	HR-DAZG-1122-ZGD Marulicev trg 17, sign. r.-b.1791/1; KAHLÉ, 2016a: 56-57; KAHLÉ, 2017: 264-265
B.18.	10A Ban Josip Jelčić Sq., Zagreb	"Gradska Stedionica etc. [=City Savings Bank]"	technical survey Jul 23 rd , 1929	Arch. I. Fischer; contractor Carnelutti Bros. Co. Lic. struct. Eng.	Šterk structural calculation & front in Cesarceva St, Cota, Kiverov? Löwy	corner extension	HR-DAZG-1122-ZGD Trg bana Josipa Jelčića 10 i 10a i Gradska stedionica, sign. r.-b.3069
B.19.	13 Illica St, Zagreb	"Quisisana"	technical survey Feb 27 th , 1930	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Delenardo	shop	HR-DAZG-1122-ZGD Illica 13, sign. r.1518 b.932
B.20.	17 Vodnikova St, Zagreb	Singer	technical survey May 26 th , 1930	signed & contractor Jos. Dubsy & Co. Lic. struct. Eng.	structural calculation: Dr Krajčnović; Badovinac, Kiverov? Korka?	5-story apartment building	HR-DAZG-1122-ZGD Vodnikova 17, sign. r.-b.3264; KAHLÉ, 2017: 264-265
B.21.	76 Dezeliceva St, Zagreb	Ivančić & Wolkenfeld	technical survey May 28 th , 1930	signed & contractor: the landlord	Badovinac? Delenardo? Kiverov, Korka	5-story corner apartment building with shops	HR-DAZG-1122-ZGD Prilaz JNA 76 / Uglonivca s Krajiskom, sign. r.-b.2324; KAHLÉ, 2017: 264-265
B.22.	25 Kršnjavoga St, Zagreb	Uzelac	technical survey Jun 10 th , 1930	signed & contractor Dragan M. Popović, Lic. Master Builder	Kiverov, Korka	5-story apartment building	HR-DAZG-1122-ZGD Kršnjavoga 23, sign. r.2096/5 b.1454; KAHLÉ, 2017: 264-265
B.23.	1bis Tuškanac St, Zagreb	"Shell"	technical survey Jul 10 th , 1930	signed & contractor Leo Ebenspanger, Lic. Master Builder	Delenardo	tennis club	HR-DAZG-1122-ZGD Tuškanac 1, sign. r.-b.3126
B.24.	1 Gajdekova St, Zagreb	Dr Marić	change of project Jul 24 th , 1930	signed & contractor Zvonko Kovacic, Lic. Bricklayer	Kiverov, Korka, Planer	3-story villa; front remodeling	HR-DAZG-1122-ZGD Gajdekova 1, sign. r.-b.678; KAHLÉ, 2016a: 56-57; KAHLÉ, 2017: 264-265
B.25.	157 Petrova St, Zagreb	Grabusić	technical survey Aug 3 rd , 1930	signed & contractor Aranjos, Stjepko, Lic. Master Builder	Holesek? Kiverov, Korka	2-story villa	HR-DAZG-1122-ZGD Petrova 157, sign. r.-b.-; KAHLÉ, 2016a: 56-57; KAHLÉ, 2017: 264-265

	Address	Landlord	Date of preliminary official survey	Contractor	Collaborators	Typology	Archival source, literature
B.26.	5 Preradovičeva St, Zagreb	Deutsch, S.	technical survey Aug 25 th , 1930	Arch. I. Fischer; colaborator M. Kovacevic); contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Delenardo	alteration and legalization of fronts in Preradovičeva and Teslina St	HR-DAZG-1122-ZGD Preradovičeva 5, 1928 ... 1949-g. sign. r.-b.2290
B.27.	55 Tratinska St, Zagreb	Weiss	inquiry Aug 1930	signed Aser Kabiljo, Lic. Master Builder	Badovinac? Kiverov	2-story apartment building with shops; changed in execution	HR-DAZG-1122-ZGD Končareva 55, Tratinska, sign. r.-b.1232; KAHLE, 2017: 264-265
B.28.	117 Vlaska St, Zagreb	Ivankovic	technical survey Sept 14 th , 1930	signed & contractor Stjepko Aranjos, Lic. Master Builder	Holesek? Kiverov, Korka	3-story apartment building with shops	HR-DAZG-1122-ZGD Vlaska 117, sign. r.-b.3240/2; KAHLE, 2017: 264-265
B.29.	89 Deželiceva St, Zagreb	Šafranko, later Rosenberg	change of project Sept 21 st , 1930	signed & contractor Dragan M. Popovic, Lic. Master Builder	Kiverov, Turkey	5-story corner apartment building with shops	HR-DAZG-1122-ZGD Prilaz JNA 89, sign. r.-b.2325; KAHLE, 2017: 264-265
B.30.	17 Krajiška St, Zagreb	Braun	technical survey Oct 11 th , 1930	signed & contractor Stjepko Aranjos, Lic. Master Builder	Holesek, Kiverov?	5-story corner apartment building	HR-DAZG-1122-ZGD Krajiška 17, sign. r.1995/3 b.1330
B.31.	6 Krajiška St, Zagreb	Kikinis	technical survey Oct 11 th , 1930	signed Cernjak & [J.] Neumann Lic. struct. Eng.	Delenardo	6-story apartment building with shops; not executed	HR-DAZG-1122-ZGD Krajiška 6, sign. r.1991/1 b.1328/29
B.32.	4 Krajiška St, Zagreb	Kikinis	technical survey Oct 13 th , 1930	signed Cernjak & [J.] Neumann Lic. struct. Eng.; contractor Pollak & Bornstein, Lic. Master Builder	Delenardo	5-story apartment building with shops	HR-DAZG-1122-ZGD Krajiška 4, sign. r.1990/4 b.1328; KAHLE, 2015: 38
B.33.	53 Draskovičeva St, Zagreb	Davidovic (Davidson)	technical survey Oct 15 th , 1930	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Delenardo	5-story apartment building	HR-DAZG-1122-ZGD Draskovičeva 53, sign. r.829/5 b.539/540
B.34.	19 in-the-yard Rep. Austrije St, Zagreb	Neumann, Jos.	technical survey Oct 21 st , 1930	signed Ivancic & Wolkenfeld, Lic. struct. Eng.; contractor Spiller & Surina Lic. struct. Eng.	Kiverov	5-story apartment building	HR-DAZG-1122-ZGD Oreskovičeva 19 (sic!) Republike Austrije 19, sign. r.-b.2097; KAHLE, 2017: 264-265
B.35.	6 Medveščak St, Zagreb	Vrbanic	technical survey Jan 13 th , 1931	signed Franjo Car, Lic. Master Builder; contractor Franjo Durlen, Lic. Bricklayer	Kiverov, Turkey	4-story apartment building	HR-DAZG-1122-ZGD Mose Pijade 62, Medveščak 6, sign. r.2920/6 b.-; KAHLE, 2017: 264-265
B.36.	4 Bosanska St, Zagreb	Ferkovic	technical survey Jan 26 th , 1931	signed & structural calculation: Dr Krajinovic, Lic. struct. Eng.; contractor Presicek & Co., Lic. Bricklayer	Kiverov, Korka, Krekic	5-story apartment building	HR-DAZG-1122-ZGD Bosanska 4, sign. r.389/4 b.-; KAHLE, 2017: 264-265
B.37.	7 Bauerova St, Zagreb	Majdak	change of project Feb 2 nd , 1931	signed & contractor Josip Geres, Lic. Master Builder	Kiverov, Korka, Krekic	6-story corner apartment building with shops	HR-DAZG-1122-ZGD Krasova 7, Bauerova 7, sign. r.220/3 b.1427; KAHLE, 2017: 264-265
B.38.	36 Grskovičeva St, Zagreb	Nazor	technical survey Mar 24 th , 1931	signed Korka, Jovan, Lic. Arch. Eng.	Kiverov, Krekic	4-story villa; not executed	HR-DAZG-1122-ZGD Grskovičeva 36, sign. r.1298/4 b.783; KAHLE, 2017: 264-265
B.39.	14 Slavujevac St, Zagreb	Mautner	technical survey Apr 14 th , 1931	signed Korka, Jovan, Lic. Arch. Eng.; contractor Leo Ebenspanger, Lic. Master Builder	Kiverov, Krekic	3-story villa	HR-DAZG-1122-ZGD Slavujevac 14, sign. r.-b.2814; KAHLE, 2016a: 56-57; KAHLE, 2017: 264-265
B.40.	18 Krajiška St, Zagreb	Weiller	technical survey Apr 24 th , 1931	signed Cernjak & [J.] Neumann Lic. struct. Eng.; contractor Pollak & Bornstein, Lic. Master Builder	Delenardo	4-story apartment building	HR-DAZG-1122-ZGD Krajiška 18, sign. r.1995/4 b.1330
B.41.	19 Krajiška St, Zagreb	Eng. Ivancic	technical survey Apr 27 th , 1931	signed & contractor Ivancic & Wolkenfeld, Lic. struct. Eng.	Kiverov	4-story apartment building	HR-DAZG-1122-ZGD Krajiška 19, sign. r.1995/5 b.1330; KAHLE, 2017: 264-265
B.42.	4 Kamenjak St, Zagreb	Ratkovic	technical survey May 15 th , 1931	signed Korka, Jovan, Lic. Arch. Eng.	Kiverov, Krekic, Schindler	3-story villa; not executed	HR-DAZG-1122-ZGD Kamenjak 4, sign. r.1812/3 b.1137; KAHLE, 2017: 264-265
B.43.	6 Boskovičeva St, Zagreb	Gorjan	technical survey Jun 12 th , 1931	signed Cernjak & [J.] Neumann Lic. struct. Eng.; contractor Pollak & Bornstein, Lic. Master Builder	Kiverov	6-story corner apartment building with shops	HR-DAZG-1122-ZGD Boskovičeva 6 (ugao s Petrinjskom 43), sign. r.406/1 b.206; KAHLE, 2017: 264-265
B.44.	11 in-the-yard Berislavičeva St, Zagreb	Šandor	technical survey Jun 15 th , 1931	signed & contractor Jos. Dubsky & Co. Lic. struct. Eng.	Badovinac	3-story office building	HR-DAZG-1122-ZGD Berislavičeva 11, sign. r.235/5 b.-
B.45.	66 Kr. Zvonimira St, Zagreb	Hanzel	technical survey Jun 22 nd , 1931	signed & contractor Kunstek & Co., Lic. Master Builder	Bösenbacher	5-story corner apartment building with shops	HR-DAZG-1122-ZGD Zvonimirova 66, sign. r.2019/1 b.2840
B.46.	20 in-the-yard Preradovičeva St, Zagreb	Baresic	technical survey Jul 4 th , 1931	signed & structural calculation: Dr Krajinovic, Lic. struct. Eng.	Kiverov, Korka, Krekic	2-story garage; not executed	HR-DAZG-1122-ZGD Preradovičeva 20, sign. r.-b.2294; KAHLE, 2017: 264-265
B.47.	30 Buzanova St, Zagreb	Galijan	change of project Aug 31 st , 1931	signed & contractor Stjepan Frey Co., Lic. Bricklayer	Kiverov, Korka, Krekic	3-story villa	HR-DAZG-1122-ZGD Buzanova 30, sign. r.-b.335; KAHLE, 2017: 264-265
B.48.	15 Vramceva St, Zagreb	Salzer	technical survey Oct 3 rd , 1931	signed Franjo Durlen, Lic. Bricklayer	Kiverov, Turkey?	3-story villa; not executed	HR-DAZG-1122-ZGD Vramceva 15, sign. r.-b.3294; KAHLE, 2017: 264-265
B.49.	104 in-the-yard Ilica St, Zagreb	Fischer, B.	technical survey Oct 6 th , 1931	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Delenardo	5-story apartment building	HR-DAZG-1122-ZGD Ilica 104, sign. r.1552/1 b.958,959; KAHLE, 2016a: 56-57

	Address	Landlord	Date of preliminary official survey	Contractor	Collaborators	Typology	Archival source, literature
B.50.	4 Slavujevac St, Zagreb	Dr Gjuriš	technical survey Nov 26 th , 1931	signed Lujo Sunko, Lic. Master Builder; contractor Mirko Fijember, Lic. struct. Eng.	Kiverov, Korka, Krekic	4-story villa	HR-DAZG-1122-ZGD Slavujevac 4, sign. r.-b.2814; KAHLE, 2016a: 56-57; KAHLE, 2017: 264-265
B.51.	87 in-the-yard Ilica St, Zagreb	Brauner	technical survey Mar 22 nd , 1932	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Delenardo?	5-story apartment building	HR-DAZG-1122-ZGD Ilica 87, sign. r.1549/1 b.957
B.52.	7 Vodnikova St, Zagreb	Res	change of project Mar 22 nd , 1932	signed & contractor Antun Res Co.	Badovinac? Kiverov?	4-story apartment building, front	HR-DAZG-1122-ZGD Vodnikova 7, sign. r.-b.3263
B.53.	9 Vodnikova St, Zagreb	Pecina	technical survey Mar 26 th , 1932	signed Pollak & Bornstein Lic. Master Builder	Anon.	5-story apartment building; not executed	HR-DAZG-1122-ZGD Vodnikova 9, sign. r.-b.3263
B.54.	11 in-the-yard Frankopanska St, Zagreb	Drucker	technical survey May 18 th , 1932	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Delenardo	3-story office building	HR-DAZG-1122-ZGD Frankopanska 11, sign. r.1019 b.-
B.55.	39 Vinkoviceva St, Zagreb	Planer, L.	technical survey Jun 6 th , 1932	signed & contractor Mihovil Knez Lic. Bricklayer	Planer	4-story villa	HR-DAZG-1122-ZGD Vinkoviceva 39, sign. r.-b.3196/2; KAHLE, 2016a: 56-57
B.56.	13 Vodnikova St, Zagreb	V. & B. Šterk	technical survey Jun 11 th , 1932	signed Kaucić Bros & Gyiketta Lic. Master Builder	Anon.	5-story apartment building with shops; not executed	HR-DAZG-1122-ZGD Vodnikova 13, sign. r.-b.3264; KAHLE, 2017: 264-265
B.57.	4 in-the-yard Kurelcjeva St, Zagreb	Brunner	technical survey Jun 14 th , 1932	signed & contractor Aser Kabiljo Lic. Master Builder	Kiverov, Korka, Krekic	reconstruction of office building	HR-DAZG-1122-ZGD Kurelcjeva 4, sign. r.-b.1505
B.58.	22 Voncicina St, Zagreb	Fettmann	technical survey Jul 2 nd , 1932	signed Eng. Ante Grčić Lic. Arch.	Kiverov, Korka, Krekic	3-story villa; not executed	HR-DAZG-1122-ZGD Voncicina b.b. Fethman (sic!) Bela, sign. r.-b.-; KAHLE, 2017: 264-265
B.59.	12 Štoosova St, Zagreb	Grabusić	technical survey Jul 6 th , 1932	signed & contractor Dragan M. Popovic Lic. Master Builder	Kiverov, Korka, Krekic	3-story villa	HR-DAZG-1122-ZGD Štoosova 12, sign. r.-b.2994; KAHLE, 2016a: 56-57; KAHLE, 2017: 264-265
B.60.	28 Buzanova St, Zagreb	Kratina	technical survey Jul 7 th , 1932	signed & contractor Stjepan Kundic Lic. Master Builder	Kiverov, Korka, Krekic	3-story villa	HR-DAZG-1122-ZGD Buzanova 28, sign. r.-b.335; KAHLE, 2017: 264-265
B.61.	57 Draskoviceva St, Zagreb	Krajčinovic, B. & Orlić	technical survey Jul 21 st , 1932	signed & structural calculation: Dr Krajčinovic Lic. struct. Eng.; contractor Teodor Greiner Co.	Kiverov, Korka, Krekic	6-story apartment building with shops	HR-DAZG-1122-ZGD Draskoviceva 57, sign. r.833/3 b.540
B.62.	19 Pavlinoviceva St, Zagreb	Pavčić ex Kolbe	technical survey Jul 21 st , 1932	signed Kaucić Bros & Gyiketta Lic. Master Builder	Anon.	2-story villa; not executed	HR-DAZG-1122-ZGD Pantovcak 17 (dvorišna), sign. r.2943/7 b.2127; KAHLE, 2017: 264-265
B.63.	9 Domobranska St, Zagreb	Eng. Wolkenfeld	technical survey Aug 1 st , 1932	signed & contractor Ivancić & Wolkenfeld Lic. struct. Eng.	Kiverov	5-story apartment building	HR-DAZG-1122-ZGD Szabova X Korpusa 9 Domobranska 9, sign. r.777/9 b.3146; KAHLE, 2017: 264-265
B.64.	12 Ozaljska St, Zagreb	Sente	technical survey Oct 12 th , 1932	signed Konstrukter Co. Eng. Silovic Lic. struct. Eng.; contractor: the landlord	Anon.	2-story apartment building with shops	HR-DAZG-1122-ZGD Koncareva 94 Ozaljska 12 / 12/1, sign. r.2872/5 b.1241
B.65.	5 Frankopanska St, Zagreb	Ondrus	inquiry Nov 1932, rejected	signed Franjo Car Lic. Master Builder	Badovinac? Kiverov, Turkey?	5-story apartment building with shops; not executed	HR-DAZG-1122-ZGD Frankopanska 5, sign. r.1016/2 b.-
B.66.	1 Petretičev Sq., Zagreb	Müller	1932	unsigned sketch	Anon.	6-story corner apartment building with shops; not executed	HR-DAZG-1122-ZGD Petretičev trg 1, sign. r.-b.-
B.67.	25 Nova St, Zagreb	Eng. Rechnitzer	technical survey May 13 th , 1933	signed & contractor: the landlord	Badovinac	5-story apartment building	HR-DAZG-1122-ZGD Nova cesta 25, Lenjingradska 25, sign. r.2727/9, b.1553/1; KAHLE, 2016a: 56-57
B.68.	43 Kr. Zvonimira St, Zagreb	Longhino & Bernetich	technical survey Jun 30 th , 1933	signed Korka, Jovan, Lic. Arch. Eng.; contractor Bogdan (Bora) Petrovic, Lic. Arch.	Kiverov, Krekic	5-story apartment building	HR-DAZG-1122-ZGD Zvonimirova 43, sign. r.2015/6 b.2838/1; KAHLE, 2017: 264-265
B.69.	5 th floor, 104 Ilica St, Zagreb	Fischer, B.	technical survey Oct 5 th , 1934	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Badovinac?	attic apartment	HR-DAZG-1122-ZGD Ilica 104, sign. r.1552/1 b.958,959
B.70.	57 Vocarska St, Zagreb	Mlinaric	technical survey May 2 nd , 1935	signed & contractor Jos. Dubsky & Co. Lic. struct. Eng.	Anon.	3-story villa	HR-DAZG-1122-ZGD Vocarska 57, sign. r.-b.3253/1
B.71.	3 Pilarova St, Slavonski Brod	Šegota	inquiry Jul 3 rd , 1935	signed & contractor Ladislav Holub Lic. struct. Eng.	Kiverov, Korka, Krekic	3-story apartment building	HR-DASB Gradsko poglavarstvo Slavonski Brod 1.3., sign. 7 Građevni odjel / 1935 / Inv.br.35 - Gradnja Šegota; KAHLE, 2017: 264-265
B.72.	3 Kr. Petra Kresimira IV St, Slavonski Brod	Stipančević	technical survey Oct 31 st , 1935	signed & contractor Andrija Herzer Lic. struct. Eng.	Anon.	4-story hotel with shops	HR-DASB Gradsko poglavarstvo Slavonski Brod 1.3., sign. 7 Građevni odjel / 1935 / Inv.br.35 - Hotel Stipančević
B.73.	1 Kustosijska St, Zagreb	not known yet	1935	no documentation	attribution by design pattern	5-story corner apartment building with shops	NKY; KAHLE, 2008: 204-206
B.74.	16 Preradoviceva St, Zagreb	"Assicurazioni Generali"	technical survey Mar 2 nd , 1936	signed & contractor Cernjak & [J.] Neumann Lic. struct. Eng.	Anon.	7-story apartment building with shops	HR-DAZG-1122-ZGD Preradoviceva 16, sign. r.-b.2292
B.75.	1 Žrtava Fasizma Sq., Zagreb	Brunner	technical survey Apr 17 th , 1936	signed & contractor Košćica & Omerzo Lic. Master Builder	Badovinac?	installation of elevator and studio apartment per floor in corner office and apartment building	HR-DAZG-1122-ZGD Trg žrtava fasizma 1, sign. r.-b.3077/1

	Address	Landlord	Date of preliminary official survey	Contractor	Collaborators	Typology	Archival source, literature
B.76.	14 Lopašićeva St, Zagreb	Heinzel & Dubsky	technical survey May 14 th , 1936	signed & contractor Jos. Dubsky & Co. Lic. struct. Eng.	Kiverov, Korka, Krekic	6-story corner apartment building with shops	HR-DAZG-1122-ZGD Lopašićeva 14, sign. r.-b.-
B.77.	5-6 Pobjede (=Victory) St, Slavonski Brod	Employment Office	inquiry? May 20 th , 1936	signed Ivan Hruska; contractor not known yet	Kiverov, Korka, Krekic	3-story public building	HR-DASB Gradsko poglavarstvo Slavonski Brod 1.3., sign. 7 Građevni odjel / 1935, 1936 / Inv.br. 35, 36 – Javna burza rada; KAHLE, 2017: 264-265
B.78.	3 Domobranska St, Zagreb	Wolkenfeld, J. & G.	technical survey Jun 9 th , 1936	signed & contractor Aser Kabiljo Lic. Master Builder	Anon.	5-story apartment building	HR-DAZG-1122-ZGD Ul. X Korpusa 3, Domobranska 3, sign. r.777/2 b.-
B.79.	3 Tomašićeva St, Zagreb	Massan	technical survey Jun 30 th , 1936	signed & contractor Carnelutti Bros. Lic. struct. Eng.	structural calculation: Dr Krajcjinovic; Badovinac?	6-story apartment building with shops	HR-DAZG-1122-ZGD Tomašićeva 3, sign. r.-b.3027
B.80.	5 Tomašićeva St, Zagreb	Massan	technical survey Jun 30 th , 1936	signed & contractor Carnelutti Bros. Lic. struct. Eng.	structural calculation: Dr Krajcjinovic; Badovinac?	6-story apartment building	HR-DAZG-1122-ZGD Tomašićeva 5, sign. r.-b.3027
B.81.	6 Horvatovac St, Zagreb	Mirkovic	technical survey Oct 27 th , 1936	signed & contractor Leo Ebenspanger Lic. Master Builder	Badovinac?	3-story villa	HR-DAZG-1122-ZGD Horvatovac 6, sign. r.1466/9 b.-
B.82.	55 Vocarska St, Zagreb	Pick & Šterk, O. & M. & Stoops	technical survey Nov 25 th , 1936	signed & contractor Mate Crnic Lic. struct. Eng.	Trajbar	3-story villa	HR-DAZG-1122-ZGD Vocarska 55, sign. r.-b.3253
B.83.	1 Tomašićeva St, Zagreb	Maceljski & Rosenbaum,	technical survey Nov 27 th , 1936	signed & contractor Košćica & Omerzo Lic. Master Builder	Badovinac	6-story corner apartment building with shops	HR-DAZG-1122-ZGD Tomašićeva 1, sign. r.-b.3027
B.84.	19 Domobranska St, Karlovac	Employment Office	1936	signed Korka, Jovan, Lic. Arch. Eng.; contractor: Anon.	Kiverov, Krekic	4-story corner public building	HR-DAKA-0086-ZGD Grada Karlovca 1.7.5., Domobranska - k.br.21 - Burza rada 1936-1940; KAHLE, 2017: 264-265
B.85.	61 Tuškanac St, Zagreb	Haas	technical survey May 13 th , 1937	signed & contractor Košćica & Omerzo Lic. Master Builder	structural calculation: Dr Krajcjinovic; Badovinac	2-story villa	HR-DAZG-1122-ZGD Tuškanac 61, sign. r.-b.3124/2
B.86.	46 Tkalciceva St, Zagreb	Bukseg	technical survey Sept 26 th , 1937	signed Martin Žugcic Co. Lic. Master Builder; contractor Vladimir Cerin Lic. Master Builder	structural calculation: Dr Krajcjinovic; Trajbar?	3-story apartment building with shops	HR-DAZG-1122-ZGD Tkalciceva 46, sign. r.-b.3024/2
B.87.	59 Nazorova St, Zagreb	Kostic	technical survey Dec 7 th , 1937	signed Korka, Jovan, Lic. Arch. Eng., contractor Dragutin Ruf Lic. Bricklayer	Kiverov, Krekic	2-story villa	HR-DAZG-1122-ZGD Nazorova 59, sign. r.2686/6 b.2000
B.88.	15 Ilica St, Zagreb	"Astra"	technical survey Jan 15 th , 1938	signed & contractor Dr Eng. Petar Krajcjinovic	Pavao Pavsa Baranyai?	shop interior	HR-DAZG-1122-ZGD Ilica 15, sign. r.1520/1 b.934/935
B.89.	2 Ivana Pl Zajca St, Slavonski Brod	Stefanovic	technical survey Feb 28 th , 1938	signed Andrija Meixner Lic. Master Builder; contractor Andrija Herzer Lic. struct. Eng.	Anon.	2-story villa	HR-DASB Gradsko poglavarstvo Slavonski Brod 1.3., sign. 7 Građevni odjel / 1938 / Inv.br. 38 – Stefanovic
B.90.	15 Vodnikova St, Zagreb	Seljan	technical survey Mar 3 rd , 1938	signed Kunstek & Co. Lic. Master Builder; contractor Franjo Persa Lic. Master Builder	structural calculation: Dr Krajcjinovic; Badovinac	5-story apartment building	HR-DAZG-1122-ZGD Vodnikova 15, sign. r.-b.3264
B.91.	15 Ilica St, Zagreb	Anon.	technical survey Feb 10 th , 1939	signed & contractor Ivan Kurtovic Lic. struct. Eng.	Anon.	shop interior	HR-DAZG-1122-ZGD Ilica 15, sign. r.1520/1 b.934/935
B.92.	28 Jandrićeva St, Zagreb	Kos	change of project Mar 15 th , 1939	signed & contractor Kaučić Bros & Gyiketta Lic. Master Builder	Badovinac	3-story villa	HR-DAZG-1122-ZGD Jandrićeva 28, sign. r.1683/11 b.-
B.93.	28 Podolje St, Zagreb	Kaučić	change of project Mar 15 th , 1939	signed & contractor Kaučić Bros & Gyiketta Lic. Master Builder	Badovinac	4-story apartment building	HR-DAZG-1122-ZGD Podolje 28, sign. r.-b.-
B.94.	51 Vinogradska St, Zagreb	Vragović	technical survey Jul 8 th , 1939	signed & contractor Kaučić Bros & Gyiketta Lic. Master Builder	structural calculation: Dr Krajcjinovic; Badovinac	2-story villa	HR-DAZG-1122-ZGD Vinogradska 51, sign. r.-b.3204; KAHLE, 2008: 204-206
B.95.	18 Bogišićeva St, Zagreb	Mikasinovic	technical survey Jul 19 th , 1939	signed & contractor Hauptfeld & Mavrinac Lic. Master Builder Bricklayer	structural calculation: Dr Krajcjinovic; Trajbar	5-story apartment building	HR-DAZG-1122-ZGD Bogišićeva 18, sign. r.314/1 b.-
B.96.	6 Belostenceva St, Zagreb	Brlčić	technical survey Jul 19 th , 1939	signed Alfred Hollesek Lic. Master Builder; contractor Radivoj Anzel Lic. Master Builder	structural calculation: Dr Krajcjinovic; Badovinac	5-story apartment building	HR-DAZG-1122-ZGD Belostenceva 6, sign. r.230/3 b.91/1
B.97.	11 Zamenhoffova St, Zagreb	Axelrad	technical survey Jul 27 th , 1939	signed Korka, Jovan, Lic. Arch. Eng.; contractor Jos. Dubsky & Co. Lic. struct. Eng.	Kiverov, Krekic	2-story villa	HR-DAZG-1122-ZGD Zamenhoffova 11, sign. r.-b.3376/1; KAHLE, 2017: 264-265
B.98.	30 Grada Mainza St, Zagreb	Trajbar	technical survey Dec 13 th , 1939	signed & contractor Jaroslav Albert Lic. Master Builder	Trajbar	5-story apartment building	HR-DAZG-1122-ZGD Lole Ribara 30, Ulica grada Mainza 30, sign. r.2333/1 b.-
B.99.	22 Bogišićeva St, Zagreb	Uzelac	technical survey Apr 5 th , 1940	signed & contractor Hauptfeld & Mavrinac Lic. Master Builder & Bricklayer	structural calculation: Dr Krajcjinovic; Trajbar	5-story apartment building	HR-DAZG-1122-ZGD Bogišićeva 22, sign. r.314/3 b.-
B.100.	24 Bogišićeva St, Zagreb	Mikasinovic	technical survey Apr 5 th , 1940	signed & contractor Hauptfeld & Mavrinac Lic. Master Builder & Bricklayer	structural calculation: Dr Krajcjinovic; Trajbar	5-story apartment building	HR-DAZG-1122-ZGD Bogišićeva 24, sign. r.314/4 b.-
B.101.	28 Nova Ves St, Zagreb	Brlčić	technical survey Apr 6 th , 1940	signed Alfred Hollesek Lic. Master Builder; contractor Radivoj Anzel Lic. Master Builder	structural calculation: Dr Krajcjinovic; Badovinac	4-story apartment building	HR-DAZG-1122-ZGD Nova Ves 28, sign. r.2787/4 b.-
B.102.	19 Grškovićeva St, Zagreb	Vidan & Milic	inquiry Apr 15 th , 1940; rejected	signed Cernjak & [J.] Neumann Lic. struct. Eng.	Trajbar	2-story villa; not executed	HR-DAZG-1122-ZGD Grškovićeva 19, sign. r.1296/4 b.-

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PISANI PRIMARNI IZVORI

- HSGERS = High school graduation examination records [1908-17, 1918-22] [in: HR-DAZG: IV, F 6; Arhiv grada Zagreba; Kr. (l.) realna gimnazija u Zagrebu; Glavni zapisni[c]i za ispit zrelosti], Croatian
- SVHSGER = Šterk, Vladimir, High school graduation examination record [in: HR-DAZG: IV, F 6; Arhiv grada Zagreba; Kr. realna gimnazija u Zagrebu; Glavni zapisnik za ispit zrelosti 1908-1917/B, 41x27 cm, list 553/; No.88], Croatian
- VSSV = Study report [Výkaz studí.] [of] Mr. Šterk Vladimír, issued by Imp. [-erial] R. [-oyal] Czech Technical University [c. k. Česka vysoká škola technická v Praze], today the ČVUT-CTU, Czech Technical University in Prague, No. of the matriculation letter [čís. listu imatr. /-ikulace/] 605, Czech, in possession of the Šterk family, courtesy of Vojko Jehuda Šterk
- TJA = Technical Journal, Announces [Tehnicki list, Vijesti/Vesti iz Udruženja], Croato-Serbian

ILLUSTRATION SOURCES

IZVORI ILUSTRACIJA

- FIG. 1 HR-DAZG-FGD No. 448
- FIG. 2 HR-DAZG-1122-ZGD Kukuljićeva (sic!) 6, sign. r.2143/4 b.2497/1
- FIG. 3 HR-DAZG-1122-ZGD Vocarska 55, sign. r.-b. 3253
- FIG. 4 HR-DAZG-1122-ZGD Lole Ribara 30, Ulica grada Mainza 30, sign. r.2333/1 b.-
- FIG. 5 HR-DAZG-1122-ZGD Grškovićeve 19, sign. r.1296/4 b.-
- FIG. 6 HR-DAZG-1122-ZGD Zvonimirova 3, sign. r.2007/3 b.2835
- FIG. 7 HR-DAZG-1122-ZGD Zvonimirova 3, sign. r.2007/3 b.2835
- FIG. 8 HR-DAZG-1122-ZGD Trg bana Josipa Jelacica 10 i 10a i Gradska štedionica sign. r.-b.3069
- FIG. 9 HR-DAZG-10-GPZ/GO Škola Ivkančeva 10, sign. 186, 187
- FIG. 10 Contemporary postcard, author's collection
- FIG. 11 HR-DAZG-FGD No. 428
- FIG. 12 HR-DAZG-FGD No. 451
- FIG. 13 Photograph made by author
- FIG. 14 Courtesy Tamara Bjazić Klarin
- FIG. 15 HR-DAZG-1122-ZGD Vinogradska 51, sign. r.-b.3204
- FIG. 16 HR-DAZG-1122-ZGD Praška 10, sign. r.-b.2280

SAŽETAK

SUMMARY

ARHITEKTONSKI URED VLADIMIR ŠTERK U RAZDOBLJU 1923.-1941.

Arhitekt Vladimir Šterk pohađao je Realnu gimnaziju u Zagrebu u prvom desetljeću dvadesetoga stoljeća, zajedno s tucet ili više perspektivnih arhitekata ili građevnih inženjera, budućih direktora građevinskih tvrtki ili javnih građevnih činovnika u razdoblju između dva svjetska rata, uključivo budućeg osnivača zenitizma Ljubomira Micica. Pokazivši zanimanje za studij arhitekture, najvjerojatnije je pročitao članak posvećen stogodišnjici C. Kr. češke visoke tehničke škole u Pragu i odlučio tamo upisati arhitekturu poslije mature, iako je mogao upisati bilo koju visoku tehničku školu u Austro-Ugarskoj ili Njemačkoj, u Becu ili Budimpešti, Njemačku visoku školu u Pragu (DTH Prag), Münchenu, Karlsruheu, Dresdenu ili Charlottenburgu (danas TU Berlin). Njegova generacija bila je najviše pogodena izbijanjem Prvog svjetskog rata, određena za mobilizaciju s mogućom perspektivom zarobljavanja i internacije u logoru za ratne zarobljenike. Iskusi svi sve to, on je uspio završiti studij, nakon čega se odlučio vratiti u Zagreb usred poslijeratnoga građevinskog buma od 1920. do 1923. godine. Odabrao je trojicu malo starijih vrsnjaka, već ovlaštene građevne inženjere, kako bi započeo pripravništvo u njihovoj tvrtki, ali ostavši razočaran nedostatkom narudžbi zbog njihova neiskustva, ubrzo se prebacio u Arhitektonski ured Ignjat Fischer, s vjerojatno jednim od najiskusnijih profesionalaca, ali koji nije mogao potpisivati nacрте zbog nedostatka formalne akademske edukacije. Šterk je ubrzo iskusio potpuno ignoriranje vlastitih projektantskih sposobnosti pa je nakon određenog razdoblja poslije polaganja stručnog ispita napustio Fischera i osnovao vlastit arhitektonski ured u proljeće 1923. godine.

Većina njegovih vrsnjaka s mature položila je ispit za ovlaštenje kao ovlaštene civilni arhitekti odnosno inženjeri u razdoblju od 1920. do proljeća 1925. godine, kada su se ispiti održavali u Zagrebu kod Građevinske direkcije Ministarstva građevina Kraljevine SHS, sljednika bivšega Građevinskog ureda Odjela za unutrašnje poslove Kr. zemaljske hrvatsko-slavonsko-dalmatinske vlade, do reorganizacije [Autor]

cije inženjerskih komora i centralizacije ispita za ovlaštenje u Beogradu. Između 106 inženjera koji su licencirani u ovome razdoblju bio je arhitekt Vladimir Šterk i gotovo svi njegovi buduć kolege s kojima je vodio poslove u svom profesionalnom životu. Time su se stvorile idealne okolnosti za organiziranje pouzdane mreže [Netz] kolega, suradnika i pripravnika koji će nositi njegove arhitektonske poticaje. Kada je otvorio vlastiti ured u proljeće 1923., pozornica je bila spremna, ali zbog nedostatka sredstava u financijskom sustavu bila je usporena građevna aktivnost, pa je bio prisiljen neslužbeno biti zaposlen u Gradskom građevnom uredu od proljeća 1924. do jeseni 1925. Nakon toga imao je vlastiti ured sve do smrti 1941. Kako je približno u isto vrijeme (1924.-1926.) bio neformalno zaposlen kao asistent na Tehničkoj visokoj školi u Zagrebu, mogao je odabrati pouzdane studente za svoj ured, poput Planera, Badovinca, Ancela, Kiverova, Korke, odnosno Delenarda.

Sustav organizacije arhitektonskog ureda bio je maksimalno pojednostavljen, prema potrebama perspektivnih kućevlasnika, očekivanim zaprekama u procesu ishodjenja građevne ili uporabne dozvole i položajem ostalih suradnika u sustavu. Činjenica da zahvati nisu po gradu raspoređeni jednakomjerno, nego su grupirani oko jedne ili nekoliko važnijih realizacija, upućuje na prevladavajući način dobivanja novih poslova ili klijenata, to jest usmenom preporukom rodbine ili bliskih prijatelja, što je signifikantno za židovsku zajednicu, ali i za srednju i višu klasu upravo nestale Habsburške Monarhije. Šterkove su promidžbe u novinama ili časopisima rijetke, kao i članci koje je sam pisao. On se nije reklamirao ni poput Zlatka Neumanna ni poput Drage Iblera. Nakon dolaska klijenta, gdje je velik utjecaj imala mreža njegovih kolega, on je pomnivo birao koje će poslove zadržati za sebe, a koje prepustati nekome od suradnika (tj. Planicu, Badovincu, Korke, Delenardu, Schindleru ili Trajbaru). Ako je zaključio da ne želi potpisati projekt, nije ga ni potpisao. Projektantski je komunicirao sa suradnicima putem malih potpisanih ili nepotpisanih skica nacrtanih olovkom na pausnom papiru.

Buduci da je bio u dnevnom kontaktu s njima, obično bi korigirao njihove inicijalne projekte (npr. nekoliko je puta korigirao Badovinceve projekte). Ovaj je sustav bio idealan za plaćanje značajno manjih svota poreza jer su građevni inženjeri ili majstori graditelji kao izvođači smjeli potpisivati projekte za ishodjenje građevne dozvole. Prema željama članova mreže popravio je određene trajave projekte vila građenih za različite gradske dužnosnike i pretvorio ih u kuće modernog pokreta. Kada je 1930./1931. došlo do novoga građevinskog buma, on je u mrežu angazirao nove ljude, uglavnom ovlaštene graditelje.

Ideološka svada između Šterkove grupe (pojacane Vidakovićem) i Iblerove grupe pojačavala se iako su obje grupe stvarale jednakovrijedne zgrade modernoga pokreta. Natjecaj za palacu Radničkih ustanova na Ciglani bio je raspisan 1932. godine, kada je građevinski bum počeo jenjavati. Kao dobitnik jednoga od dvaju najviših plasmana u prvom krugu, Korke je pozvao Šterka da mu pomogne. Nakon dobivanja izvedbe njih su dvojica službeno osnovali zajednički Arhitektonski ured, ali negdje oko 1935. Korke, Kiverov i Krekić odvojili su se. Vjerojatno je gotovo nemoguće odvojiti u potpunosti njihov rad od Šterkova sve do 1936. ili 1937., ponajprije zbog učinkovita načina organizacije posla u uredu, bez nepotrebne papirologije odnosno bez spremanja skica. Čak je moguće da su njih trojica neformalno s njime radili na nekim kasnijim projektima kako bi isplatili određene stare dugove, baš kako ih je Šterk svojedobno morao placati Fischera. Majstor graditelj Ivan Trajbar bio je neformalni namjesnik Šterkova ureda u kasnim tridesetima, a vjerojatno i inz. Ilija Badovinac. Šterkova iznenadna smrt u proljeće 1941. godine konačno je raspustila mrežu, ali je Trajbar samostalno nastavio projektirati stambene zgrade, koje više ne krasi vještina umrloga majstora. Šterk je ostao upamćen za Drugoga svjetskog rata, ali je nakon toga zaboravljen, da bi ga Planić 'otkrio' u diskusiji 1976. godine.

BIOGRAPHY

BIOGRAFIJA

DARKO KAHLE, Ph.D., Architect [ARB, UK], Arhitekt [BYAK, Bavaria], Licensed Architect [HKA, Croatia], Senior Research Fellow [MZOS, Croatia]; 1989 MArch, 2002 MSc, 2007 PhD in Architecture and Urban Planning (University of Zagreb, School of Architecture, Graduate School of Built Heritage Split). 13 scientific articles, 3 conferences (AiP9, Ostrava, CZ; 71st SAH Annual Conf., St. Paul, MN, USA), 4 renovations & 3 rewarded competition projects.

Dr.sc. **DARKO KAHLE**, arhitekt [ARB, UK; BYAK, Bavorska], ovl. arhitekt [HKA, Hrvatska], viši znanstv. suradnik [MZOS, Hrvatska]. Godine 1989. dipl.ing. arh., 2002. mr.sc., 2007. doktor tehničkih znanosti (Sveuč. u Zagrebu, Arh. fakultet, Medit. centar za gradit. naslijeđe Split). Objavio 13 znanstv. radova; 3 izlaganja na znanstv. skupu, 2 u inozemstvu (AiP9, Ostrava, Češka; 71. godišnja konf. SAH, St. Paul, SAD); 4 adaptacije; 3 nagrađena natjecajna rada.

