

IVANOV Engineering  
[www.ivanoveng.com.mk](http://www.ivanoveng.com.mk)

- consultancy
- urban planning
- engineering
- design
- supervision
- contracting
- environmental engineering
- real estate appraisal





office bldg.

IVANOV  
engineering



motel



cow farm



pub

www.IVANOVENG.COM.MK



hotel complex



new house



old town house



residential/business complex



cafe

contact:



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Bitola, Macedonia

branch office Mito Hadzi Vasilev st. no. 36-2/7, Skopje

web [www.ivanoveng.com.mk](http://www.ivanoveng.com.mk)

contact

our company provides the following services:

- BUILDING CONSULTANCY SERVICES
- ENVIRONMENTAL CONSULTANCY SERVICES
- FEASIBILITY STUDIES
- BUILDING COST ESTIMATION and REAL ESTATE APPRAISAL
- URBAN PLANNING
- DESIGN
- AUDITING
- CONTRACTING
- SUPERVISION
- DESIGN AND CONTRACTING OF WASTE WATER TREATMENT SYSTEMS
- IMPLEMENTATION OF FIDIC AND EU NORMATIVES

## company information:

### members of:

- Macedonian Economic Chamber - group of building consultant companies
- Macedonian Economic Chamber - group of environmental consulting companies
- HandwerksKammer - Dusseldorf, Germany
- AAM Macedonia
- WA Serbia and Monte Negro
- BAWK Bulgaria
- BAAIC Bulgaria
- BACEA Bulgaria
- Member of the Bitola Municipality Urban planning committee for issuing licences for changes and annexes for the Urban plan of Bitola
- SIQ (Slovenian Institute of Quality)

company licences:

- Licence for the preparation of urban plans
- Licence A for designing of buildings of first category
- Licence B for designing of buildings of second category
- Licence A for supervision of buildings of first category
- Licence B for supervision of buildings of second category
- Licence for real estate appraisal

licences of engineers:

- Licence for the preparation of urban plans
- Licence for designing of buildings
- Licence for auditing building designs
- Licence for supervision of buildings

Република Македонија  
МИНИСТЕРСТВО ЗА ТРАНСПОРТ И ВРСКИ

Врз основа на член 16 став (2) од Законот за градење ("Службен весник на Република Македонија" бр.130/09, 124/10, 18/11, 36/11, 54/11, 13/12, 144/12, 25/13, 79/13 и 137/13, 163/13, 27/14, 28/14, 42/14, 115/14, 149/14, 187/14, 44/15, 129/15 и 217/15), Министерството за транспорт и врски издава

**ЛИЦЕНЦА А**  
ЗА ПРОЕКТИРАЊЕ НА ГРАДБИ  
ОД ПРВА КАТЕГОРИЈА

НА

Друштво за производство, трговија и услуги  
**ИВАНОВ ИНЖЕНЕРИНГ** Сашко Иванов ДООЕЛ Битола

(назив, седиште, адреса и ЕМБС на правното лице)

ул.Борис Кидрич бр.12/16 Битола, ЕМБС 5437415

ЛИЦЕНЦАТА Е СО ВАЖНОСТ ДО: **12.02.2023 година**

Број: **П.0011А**  
12.02.2016 година  
(Дат. месец и година на издавање)

МИНИСТЕР  
Влада Ивановска

Република Македонија  
МИНИСТЕРСТВО ЗА ТРАНСПОРТ И ВРСКИ

Врз основа на член 34 став (2) од Законот за градење ("Службен весник на Република Македонија" бр.130/09, 124/10, 18/11, 36/11, 54/11, 13/12, 144/12, 25/13, 79/13 и 137/13, 163/13, 27/14, 28/14, 42/14, 115/14, 149/14, 187/14, 44/15, 129/15 и 217/15), Министерството за транспорт и врски издава

**ЛИЦЕНЦА А**  
ЗА НАДЗОР НА ИЗГРАДБАТА НА ГРАДБИ  
ОД ПРВА КАТЕГОРИЈА

НА

Друштво за производство, трговија и услуги **ИВАНОВ ИНЖЕНЕРИНГ** Сашко Иванов ДООЕЛ Битола

(назив, седиште, адреса и ЕМБС на правното лице)

ул.Борис Кидрич бр.12/16 Битола, ЕМБС 5437415

ЛИЦЕНЦАТА Е СО ВАЖНОСТ ДО: **05.03.2023 година**

Број: **Н.0031А**  
05.03.2016 година  
(Дат. месец и година на издавање)

МИНИСТЕР  
Влада Ивановска

РЕПУБЛИКА МАКЕДОНИЈА  
МИНИСТЕРСТВО ЗА ТРАНСПОРТ И ВРСКИ  
СКОПЈЕ

ВРЗ ОСНОВА НА ЧЛЕН 103 ЗАКОНОТ ЗА ПРОСТОРНО И УРБАНИСТИЧКО ПЛАНИРАЊЕ  
УРБАНИСТИЧКИ ПЛАНОВИ НА РЕПУБЛИКА МАКЕДОНИЈА ОД ПРВОИ И ВТОРОИ  
МИНИСТЕРСТВО ЗА ТРАНСПОРТ И ВРСКИ  
ИЗДАВА

**ЛИЦЕНЦА**

ЗА ИЗРАБОТУВАЊЕ НА УРБАНИСТИЧКИ ПЛАНОВИ  
БРОЈ: 0023

НА

ДРУШТВО ЗА ПРОИЗВОДСТВО,  
ТРГОВИЈА И УСЛУГИ  
**ИВАНОВ ИНЖЕНЕРИНГ - БИТОЛА**

СО ДОЗВОЛУВАЊЕ НА ОВАКА ЛИЦЕНЦА ПРАВНОТО ЛИЦЕ СЕ ДОЗВОЛУВА СО  
ПРЕМО ЗА ИЗРАБОТУВАЊЕ НА УРБАНИСТИЧКИ ПЛАНОВИ СОГЛАСНО ЗАКОН

ЛИЦЕНЦАТА ВАЖИ ДО: 22.02.2023 на  
ИЗДАВАЊЕ НА: 28.01.2020 год.  
СКОПЈЕ

МИНИСТЕР  
Мила Иванова

Република Македонија  
МИНИСТЕРСТВО ЗА ТРАНСПОРТ И ВРСКИ

Врз основа на член 25 став (3) од Законот за градење ("Службен весник на Република Македонија" бр.130/09, 124/10, 18/11, 36/11, 54/11, 13/12, 144/12, 25/13, 79/13, 137/13 и 183/13), Министерството за транспорт и врски издава

**ЛИЦЕНЦА Б**  
ЗА ИЗВЕДУВАЧ НА ГРАДБИ ОД  
ВТОРА КАТЕГОРИЈА

НА

Друштво за производство, трговија и услуги  
**ИВАНОВ ИНЖЕНЕРИНГ**  
Сашко Иванов ДООЕЛ Битола

(назив, седиште, адреса и ЕМБС на правното лице)

ул.Борис Кидрич бр.12/16, Битола, ЕМБС 5437415

ЛИЦЕНЦАТА Е СО ВАЖНОСТ ДО: **04.03.2021 година**

Број: **И.345Б**  
04.03.2014 година  
(Дат. месец и година на издавање)

МИНИСТЕР  
Мила Иванова

Република Македонија  
МИНИСТЕРСТВО ЗА ТРАНСПОРТ И ВРСКИ

**ЛИЦЕНЦА**  
НА

Друштво за производство, трговија и услуги  
**ИВАНОВ ИНЖЕНЕРИНГ** Сашко Иванов ДООЕЛ Битола

за вршење на работи на проценка од областа на  
**НЕДВИЖНОСТ**

Друштво за производство, трговија и услуги **ИВАНОВ ИНЖЕНЕРИНГ** Сашко Иванов ДООЕЛ Битола со ЕМБС 5437415 се обврзува на ул. Борис Кидрич бр.12/16 Битола кое ги исполнува условите согласно со предвидбите од Законот за проценка за стекнување со лиценца за вршење на работите за проценка од областа на недвижен имот.

Трговското друштво се стекна со лиценца за проценка од областа на недвижен имот и е лиценцирано во Министерството за транспорт и врски по број **0164-Н**.

Број: **0164-Н**  
Скопје, 04.11.2014 година

МИНИСТЕР  
Мила Иванова

РЕПУБЛИКА МАКЕДОНИЈА  
МИНИСТЕРСТВО ЗА ТРАНСПОРТ И ВРСКИ  
СКОПЈЕ

Врз основа на член 16 став (6) од Законот за просторно и урбанистичко планирање  
Министерството за транспорт и врски издава

**ЛИЦЕНЦА**  
ЗА РЕВИЗИЈА НА УРБАНИСТИЧКИ ПЛАНОВИ

НА

Друштво за производство, трговија и услуги  
**ИВАНОВ ИНЖЕНЕРИНГ** Сашко Иванов ДООЕЛ Битола

(назив, седиште, адреса и ЕМБС на правното лице)

Борис Кидрич бр.12/16, Битола, ЕМБС-5437415

ЛИЦЕНЦАТА Е СО ВАЖНОСТ ДО: **30.08.2023 година**

Број: **11**  
30.08.2016 година  
(Дат. месец и година на издавање)

МИНИСТЕР  
Влада Ивановска



certificates



### company certificates:

- ISO 9001:2008 - certificate for management system for construction consultancy services; urban planning, research and development, design, contracting and supervision of building projects and design and contracting of waste water treatment systems
- QC100 Total Quality Management System - Century International Gold Quality Award
- Project management for construction contracts using FIDIC conditions of contract
- Internal Auditor of Environment Management Systems ISO 14001:2004

certificates and  
licences





certificates



staff:

- architects
- civil/structural engineers
- traffic engineers
- H&S experts

professional associates:

- mechanical engineers
- electrical engineers
- civil engineers
- fire prevention engineers

consultants:

- external experts and university professors

certificates and  
licences

## external consultant companies

### external consultants for projects

- NEMKO Turkey
- Globus Turkey
- WYG International
- Hospitaltechnik Germany
- Frick, Kruger, Nusser PLAN 2 Germany
- ATP N+M Frankfurt

joint effort

## clients from the private sector

- Shafa Construction Dubai
- Apple Land
- Kromberg&Schubert Germany
- Socotab / Socomak
- UNDP
- IMG
- EVN Macedonia
- Alliance One
- Cevahir Holding
- Vitaminka Prilep
- IMB Bi-milk Bitola
- Kiro Dandaro Bitola
- Eurofarm Skopje
- Alkaloid AD Skopje
- Nov Trend
- Rade Koncar
- BEG
- VIVA
- **LIDL**

clients

## clients from the macedonian public sector

- Government of Macedonia
- Ministry of Health
- Ministry of Education and Science
- Ministry of Justice
- Ministry of Finance
- Ministry of Transport and Communications
- Ministry of Agriculture, Forestry and Water
- Spatial Planning Agency
- Public Enterprise for construction and management of residential and business facilities of interest of the Republic
- Southeast European university Tetovo
- Powerplants of Macedonia (ELEM)
- Centers for development of South-West and South-East planning region

## clients from the macedonian municipalities

- City of Skopje
  - Aerodrom
  - Gazi Baba
  - Gjorce Petrov
  - Karpos
  - Saraj
  - Cair
  - Petrovec
  - Sopiste
  - Studenicani
- Bitola
  - Bogdanci
  - Bosilovo
  - Dojran
  - Vevcani
  - Veles
  - Valandovo
  - Debarca
  - Gevgelija
  - Ilinden
  - Negotino
  - Novaci
  - Ohrid
  - Resen
  - Rosoman
  - Struga

| Date from<br>- Date to  | Location                        | Description  | Levels      | Floor area (m <sup>2</sup> ) |
|---|---------------------------------|--|-------------|------------------------------|
| <b>Consultancy, Design, Review, Procedure Handling</b>            |                                 |  |             |                              |
| May 2020<br>– January<br>2021                                     | Skopje<br>Macedonia             | Preliminary and Basic design for Industrial complex on building plot 1.01, Municipality of Ilinden,<br>Skopje<br>Client: Vichishki Komerc Dolores, Skopje, Macedonia                                 | GF+1        | 13.000                       |
| May 2020<br>- ongoing   | Skopje<br>Macedonia             | Preliminary and Basic design for Residential Building on building plot 4.279, Municipality of Butel, Skopje<br>Client: ZSF-KOM, Skopje, Macedonia  | GF+12       | 18.000                       |
| December<br>2019 –<br>March<br>2020                               | Debar<br>Macedonia              | Preliminary and Basic design for Retirement home, on cadastral plots KP 396 / 397, Municipality of Debar<br>Client: Mima Wellness, Skopje, Macedonia   | 3           | 4.800                        |
| October<br>2019 –<br>January<br>2020                              | Skopje<br>Macedonia             | Preliminary and Basic design for Distribution center and storage, on building plot GP 1.1, multifunctional<br>zone Kjojlija, Municipality of Petrovec, Skopje<br>Client: New Trend, Shtip, Macedonia | Gf          | 7.600                        |
| May 2019<br>– October<br>2019<br>(phase 1)<br>Phase 2:<br>ongoing | Skopje<br>Macedonia             | Basic design for Wholesale Market_Skopje, Storage buildings, Municipality of Gazi Baba<br>Client: Anamark MK   | Gf          | 18.000                       |
| December<br>2018 -<br>present                                     | Skopje<br>Macedonia             | Preliminary and Basic design for Alkaloid AD Skopje - industrial complex, Municipality of Gazi Baba  | B+Gf<br>+10 | 18.000                       |
| December<br>2018 –<br>July 2019                                   | TIDZ 1,<br>Ilinden<br>Macedonia | Preliminary and Basic design for Kessler Macedonia - industrial complex, TIDZ 1, Ilinden   | Gf +1       | 3.000                        |

investor: **private, public, state**

**BRIEF LIST OF PERFORMED DESIGN SERVICES**

|                       |                    |   |                     |       |
|-----------------------|--------------------|---|---------------------|-------|
| March / April 2019    | Athens, Greece     | Preliminary and Basic design for The Liaison Office of the Republic of Macedonia in Athens, Greece<br>client: Ministry of foreign affairs                   | Gf+3                | 400   |
| December 2017         | Petrovec Macedonia | Preliminary and Basic design for Zmaj promet – truck service and parts storage, plot 2.14 Industrial zone Kjojlija, Municipality of Petrovec                | Gf+1                | 1645  |
| August 2018 - ongoing | Skopje Macedonia   | Preliminary and Basic design for single-family house, plot 1.4 Municipality Center<br>Project management and Supervision on construction<br>client: private | B+B<br>+Gf+1+<br>Ma | 1800  |
| January / May 2018    | Ohrid Macedonia    | Basic design for high-rack warehouse in industrial complex LTH Castings Ohrid   | Gf+1                | 2200  |
| February 2017         | Petrovec Macedonia | Basic design for GiannViki - industrial complex, plot 9.1, Industrial zone Kjojlija, Municipality of Petrovec   | Gf+1                | 7.200 |

**investor:** private, public, state

**BRIEF LIST OF PERFORMED DESIGN SERVICES**

|                        |                     |  |                  |                  |
|------------------------|---------------------|--|------------------|------------------|
| December 2016          | Skopje Macedonia    | Preliminary and Basic design for residential building, plot 7.34, Municipality of Gazi Baba<br>client: private         | B+Gf+9           | 3.700+<br>12.200 |
| August / November 2016 | Skopje Macedonia    | Basic design for residential building, Municipality of Gazi Baba<br>client: private                                    | B+B+Gf+3         | 6680             |
| November 2016          | Skopje Macedonia    | Basic design for residential building, plot 7.34, Municipality of Gazi Baba  | B+B+Gf+9         | 3700+<br>16.200  |
| November 2016          | Petrovec Macedonia  | Basic design for Flora MK - industrial complex, plot 1.6.1, Municipality of Petrovec                                   | Gf+1             | 5.500+<br>3.000  |
| May 2016               | Valandovo Macedonia | Basic design for DIM Komerc - industrial complex, plot 3, Municipality of Valandovo                                    | B+Gf+2<br>(Gf+1) | 8.500            |
| August 2015            | Petrovec Macedonia  | Basic design for Logistiks Oil - industrial complex, plot 2.20/2.21 Industrial zone Kjojlija, Municipality of Petrovec | 1                | 650              |
| August 2015            | Petrovec Macedonia  | Basic design for Zmaj promet- industrial complex, plot 2.14 Industrial zone Kjojlija, Municipality of Petrovec         | 2                | 6.000            |
| June/ December 2015    | Bitola Macedonia    | Basic design for reconstruction of Bitola General Hospital D-r Trifun Panovski, Bitola                                 |                  | 30.000           |
| June 2015              | Ilinden Macedonia   | Basic design for Sara Colant- industrial complex, KP 1868-6, Municipality of Ilinden                                   |                  | 2.300            |

**investor:** private, public, state

**BRIEF LIST OF PERFORMED DESIGN SERVICES**



# DESIGN

|            |                    |  |   |        |
|------------|--------------------|--|---|--------|
| June 2015  | Petrovec Macedonia | Basic design for DiemGP- industrial complex, plot 6.28 Rzanicino, Municipality of Petrovec   | 2 | 3.000  |
| March 2015 | Bitola Macedonia   | Basic design for EkoKlub, industrial complex, plot 7 Industrial zone Zabeni, Municipality of Bitola  | 1 | 650    |
| March 2015 | Ilinden Macedonia  | Basic design for EkoKlub, waste treatment plant, plot 3.6.2 KO Ilinden, Municipality of Ilinden  | 1 | 650    |
| June 2014  | Petrovec Macedonia | Basic design for Vitalia complex, phase one, for the building plot 3.13, Kjojlija, Municipality of Petrovec  | 2 | 1.000  |
| June 2014  | Petrovec Macedonia | Preliminary-development design for Vitalia complex with a maximal land usage of the plot 3.13 in Kjojlija, Municipality of Petrovec, in collaboration with experts for HACCP implementation                  | 2 | 15.700 |
| May 2014   | Petrovec Macedonia | Basic design for the Distribution center for distribution and storage, on building plots 1.3 and 1.8, multifunctional zone Kjojlija, Municipality of Petrovec, Skopje<br>Client: New Trend, Shtip, Macedonia | 3 | 9.360  |

**investor:** private, public, state

**BRIEF LIST OF PERFORMED DESIGN SERVICES**

# DESIGN

|                              |                   |  |      |                               |
|------------------------------|-------------------|--|------|-------------------------------|
| December 2013                | Resen Macedonia   | Basic designs and consultancy services for Apple storage and processing plant for 5000 tons near Resen, Macedonia<br>Client: Apple Land doo, Macedonia   | 1    | 5.800 (bldg)<br>55000 (site)  |
| September 2013               | Skopje Macedonia  | Basic designs and consultancy services for Office building and complex KO Kojlija, Petrovec Macedonia<br>Client: Kondor BS Macedonia   | 1    | 1.250 (bldg)<br>3.000 (site)  |
| Februar 2013                 | Skopje Macedonia  | Basic designs and consultancy services for Distribution center KO Kojlija, Petrovec Macedonia<br>Client: DTTU Ace trans Company dooel export inport Macedonia  | 1    | 150 (bldg)<br>1.900 (site)    |
| October 2012                 | Skopje Macedonia  | Basic designs for university campus in Saraj, Skopje<br>Regional center for sustainable development building, landscaping and technical support<br>Client: South East European University, Tetovo          | 2    | 2,500 (bldg)<br>22,000 (site) |
| July 2011 – September 2011   | Bitola, Macedonia | Preliminary and Basic design with tender documentation for automobile cable harness production plant in the Industrial Zone Zabeni<br>Client: Kromberg&Schubert Macedonia                                  | 2    | 24,000                        |
| January 2012 – November 2012 | Resen, Macedonia  | Preliminary and Basic design for complex for purchase, processing, storage and distribution centre for apples – 25,000 tonnes capacity<br>Client: Ministry of Agriculture, forestry and water of Macedonia | 2    | 25,000                        |
| March 2011 -2013             | Skopje, Macedonia | Preliminary and Basic design with tender documentation for Positron Emission Tomography (PET) Center<br>Client: Ministry of health of Macedonia  | 1B+3 | 3,000                         |

**investor:** private, public, state

**BRIEF LIST OF PERFORMED DESIGN SERVICES**

# DESIGN



|                         |                     |   |      |        |
|-------------------------|---------------------|---|------|--------|
| October – December 2012 | Ohrid, Macedonia    | Preliminary and Basic design with tender documentation for reconstruction, adaptation of existing facilities and constructing new facilities for the University of Computer technology, Ohrid, in the former army barracks complex 'Mihajlo Apostolski'<br>Client: Ministry of Education and Science of Macedonia | 1B+3 | 18,000 |
| January 2012            | Petrovec, Macedonia | Preliminary and Basic design for kindergarten<br>Client: Municipality of Gazi Baba  | 1    | 600    |
| February 2012           | Petrovec, Macedonia | Preliminary and Basic design for primary school<br>Client: Municipality of Petrovec   | 2    | 3,000  |

**investor:** private, public, state

**BRIEF LIST OF PERFORMED DESIGN SERVICES**

|                                |                      |  |       |        |
|--------------------------------|----------------------|--|-------|--------|
| January 2012 – present         | Gevgelija, Macedonia | Preliminary and Basic design for PVC and PE pipe production plant<br>Client: KONTI Hidroplast Gevgelija  | 1     | 4,500  |
| May 2010 – August 2011         | Skopje Macedonia     | Preliminary and Basic design with tender documentation for multi-storey parking garage with multifunctional administrative building section<br>Skopje City Centre – GP9.13 ‘Golem Ring’<br>Client: Public enterprise for construction and management of residential and buisness facilities of the interest of the Republic of Macedonia | 1B+12 | 24,000 |
| September 2011 – December 2011 | Skopje, Macedonia    | Preliminary and Basic design for business and residential building<br>Investor: private  | 1B+8  | 20,000 |
| March 2011                     | Tetovo, Macedonia    | Preliminary design with cost analysis for business, catering, administrative, recreational, residential and hotel building on Ilirija square, Tetovo<br>Client: Private  | 3B+10 | 9,000  |
| August 2010                    | Bitola Macedonia     | Basic designs and consultancy for Hotel and Business complex, Bitola<br>Client: Private  | 3     | 450    |
| May August 2010                | Skopje Macedonia     | Architecture-urban design project with preliminary designs for university campus in Saraj, Skopje<br>Client:South East European University, Tetovo   | 3     | 22,000 |
| December 2009 – February 2010  | Skopje, Macedonia    | Preliminary and Basic design with tender documentation for Reconstruction and adaptation of the Military hospital in Skopje into City General Hospital   | 1B+11 | 22,000 |
| October 2009                   | Bogdanci, Macedonia  | Preliminary design for wind power-plant park in Bogdanci , Macedonia<br>35 wind turbines, 1.5kW each, with transformer sub-station<br>Client: Macedonian Power Plants (ELEM) AD Skopje   | /     | /      |
| March 2009                     | Bitola, Macedonia    | Preliminary and Basic design with consultancy for residential building<br>Client: Private  | 1     | 350    |

**investor:** private, public, state

**BRIEF LIST OF PERFORMED DESIGN SERVICES**

# DESIGN

|                            |  |  |      |        |
|----------------------------|--|--|------|--------|
| Jun 2008<br>Jun 2009       | v.<br>Dragozani,<br>Bitola,<br>Macedonia | Preliminary and Basic design for complex for processing and storage of tobacco-administrative building with cloak rooms, restaurant and industrial kitchen<br>Client: Sokomak AD Bitola, Macedonia | 1    | 3,000  |
| August<br>November<br>2009 | v. Idrizovo,<br>Skopje,<br>Macedonia     | Preliminary design with cost analysis for the complete prison facility KPD Idrizovo, Gazi Baba, Skopje<br>Client: Ministry of Justice of Macedonia   | 3    | 90,000 |
| May 2008                   | Macedonia                                | Preliminary and Basic design with tender documentation for the World Bank through the Ministry of Health of Macedonia – reconstruction and rehabilitation of Health facilities in Macedonia        |      |        |
|                            | Ohrid                                    | General Hospital in Ohrid  | 1B+3 | 4,000  |
|                            | Skopje                                   | Clinic for Cardiology in Clinical Complex, Skopje  | 1B+4 | 1,800  |
|                            | Skopje                                   | Special hospital for gynaecology and obstetrics Cair   | 1B+2 | 5,000  |
|                            | Skopje                                   | Special hospital for surgery Sv. Naum Ohridski   | 1B+4 | 10,000 |
|                            | Skopje                                   | Republic transfusiology department   | 3    | 1,200  |
|                            | Skopje                                   | Health home Idadija  | 4    | 600    |
|                            | Struga                                   | General Hospital in Struga   | 4    | 2,100  |
|                            | Gevgelija                                | General hospital in Gevgelija  | 2    | 3,000  |
|                            | Prilep                                   | Health home in Prilep  | 3    | 4,000  |

investor: **private, public, state**

**BRIEF LIST OF PERFORMED DESIGN SERVICES**

# DESIGN

|                            |                   |  |       |        |
|----------------------------|-------------------|--|-------|--------|
| June - September 2009      | Durres, Albania   | Preliminary and Basic design for residential – building complex<br>Client: GP Pelister, Bitola   | B+7   | 5,500  |
| November 2008 – March 2009 | Bitola, Macedonia | Preliminary design for High medical school in Bitola<br>Client: High Medical School, Bitola  | 3     | 5,000  |
| June – October 2008        | Durres, Albania   | Preliminary designs for Hotel, Residential and Business complex at 'Golem' Beach, phase 2<br>Client: ENREZZO Sh.p.k.a, Durres, Albania | 2B+14 | 12,000 |
| January 2008               | Bitola, Macedonia | Preliminary design and consultancy for private building<br>Client: Private   | 2     | 200    |

investor: **private, public, state**

**BRIEF LIST OF PERFORMED DESIGN SERVICES**

|                          |                       |   |       |        |
|--------------------------|-----------------------|---|-------|--------|
| Jun 2008                 | Kavadarci, Macedonia  | Preliminary design for restorant of Wine cellar in Demir Kapija<br>Client: AGROPIN, Skopje  |       |        |
| September – October 2006 | Petrovac, Monte Negro | Preliminary design with cost analysis for residential, business, catering and hotel exclusive complex<br>Client: GP Pelister Bitola                             | 2B+8  | 17,000 |
| Nov.2005 - April 2006    | Kavadarci, Macedonia  | Preliminary and Main Design for industrial complex for processing and storage of tobacco<br>Client: Alliance One, Kavadarci                                     | 2     | 24,000 |
| May - June 2006          | Skopje, Macedonia     | Preliminary and Main design for industrial building for production of pharmaceuticals<br>Client: Eurofarm, Skopje   | 1B+3  | 5,000  |
| May/Aug. 2006            | Macedonia             | Preparing assesments and tender documentation for the World Bank through the Ministry of Health of Macedonia - reconstruction of Health facilities in Macedonia |       |        |
| Sep/Nov. 2005            | Durres, Albania       | Main project for Hotel, Residential and Business complex at 'Golem' Beach<br>Client: ENREZZO Sh.p.k.a, Durres, Albania  | 2B+14 | 18,000 |
| 2004                     | Skopje, Macedonia     | Main Project for distibution centre complex with cold storage<br>Client: Dairy/Milk Factory - AD "Mlekara" - Bitola   | 1     | 6,000  |
| 2004                     | Bitola, Macedonia     | Main project for energy providing facility and first stage: milk admition and wardrobes with labaratories, Client: AD IMB Mlekara - Bitola                      | 1     | 600    |
| 2003                     | Bitola, Macedonia     | Main project "Service workshop" Gass Station"Torpedo" -Bitola<br>Client: Gass Station "Torpedo" - Bitola  | 2     | 500    |
| 2003                     | Bitola, Macedonia     | Main project for LPG station MOBIL Bitola<br>Client: Mobil - Okta   | 1     | 300    |
| 2003                     | Bitola, Macedonia     | Main project for Diagnostics centre St. Spas - Kravari, Bitola<br>Client: Bitola Promet, Bitola   | 2     | 1,500  |
| 2002                     | Macedonia             | Preparing assesments and tender documentation for IMG - reconstruction of houses and shops in Macedonia   |       |        |

**investor:** private, public, state

**BRIEF LIST OF PERFORMED DESIGN SERVICES**

# DESIGN

|                          |                        |   |   |       |
|--------------------------|------------------------|---|---|-------|
| 2002                     | Kavadarci, Macedonia   | Preliminary design for reconstruction of Wine cellar in Demir Kapija<br>Client: AGROPIN, Skopje   | 2 | 600   |
| 2002                     | Bitola, Macedonia      | Main project for infusion solution production department within the Medical centre D-r. Trifun Panovski, Bitola, Client: Medical Centre, Bitola | 1 | 1,800 |
| 2001                     | D.Hisar, Macedonia     | Main project for approval of reconstruction funds of a hospital department - Demir Hisar, Client: Dutch donation                                |   |       |
| june 2000 -<br>july 2002 | Bitola, Macedonia      | Main project for the Administrative building AD MLEKARA - Bitola,<br>Client: AD MLEKARA Bitola  | 2 | 500   |
| 2000                     | Bitola, Macedonia      | Preliminary design for administration building - complex "Print factory Kiro Dandaro" - Bitola, Client: Kiro Dandaro - Bitola                   |   |       |
| 1999                     | Bitola, Macedonia      | Main project "Manufacturing facility" complex " Kiro Dandaro" -Bitola<br>Client: AD "Kiro Dandaro" - Bitola                                     |   |       |
| 1999                     | Bitola, Macedonia      | Preliminary design for cattle market v. Dobrusevo<br>Client: municipality Dobrusevo   |   |       |
| 1999                     | Demir Hisar, Macedonia | Preliminary design for shopping centre in Demir Hisar<br>Client: municipality of Demir Hisar  |   |       |
| 1999                     | D.Hisar, Macedonia     | Preliminary design for motel and petrol station<br>Client: Opal-Kom, Resen  |   |       |
| 1998                     | Resen, Macedonia       | building: Production hall and warehouse, Resen<br>Client: OPAL Kom, Resen   |   |       |
| 1998                     | Bitola, Macedonia      | Main project for Milking facility - complex in v. Novaci<br>Client: ZK Pelagonija AD Bitola   |   |       |
| 1998                     | Bitola, Macedonia      | Preliminary design - farm for 400 cows<br>Client: ZK Pelagonija, Bitola   |   |       |

**investor:** private, public, state

**BRIEF LIST OF PERFORMED DESIGN SERVICES**



# DESIGN

|             |                      |   |      |  |
|-------------|----------------------|---|------|--|
| 1998        | Bitola,<br>Macedonia | Main project: Administrative building TORPEDO, Bitola<br>Client: Petrol station TORPEDO         |      |  |
| 2000 - 2012 | Bitola,<br>Macedonia | Four Interior designs for night club Rascekor - Bitola<br>Client: Night Club - Rascekor, Bitola | 2    |  |
| 2010        | Bitola,<br>Macedonia | Interior design for restaurant and hotel 'white house'<br>Client: private                       | 3    |  |
| 2008        | Struga,<br>Macedonia | Interior design for hotel Drim in Struga<br>Investor: Hotel Drim                                | 1B+5 |  |
| 2005        | Prilep,<br>Macedonia | Main Project for the Interior of the Vitaminka - Prilep Office Building                         | 2    |  |
| 2000        | Bitola,<br>Macedonia | Interior Design for pub "Sator"<br>Client: Nikola Kostov  | 1    |  |
| 2000        | Bitola,<br>Macedonia | Interior design of cafe Pajton, Bitola<br>Client: Trifunovski Mario and Igor                    | 1    |  |
| 2002        | Bitola,<br>Macedonia | Interior design of cafe bar Symbol, Bitola<br>Client: Jancevski fam.                            | 1    |  |

**investor:** private, public, state

**BRIEF LIST OF PERFORMED DESIGN SERVICES**

## health care projects



investor: **MINISTRY OF HEALTH OF RM**

project: reconstruction of Bitola General Hospital D-r Trifun Panovski

### rendered services

- preparing preliminary design
- Preparing basic-implementation design
- Preparing BoQ for bid process
- Preparing cost estimates
- Cooperation with the Client during implementation stage

### KEY FACTS

- Total hospital floor area: 30,000m<sup>2</sup>
- Most of the building dates from 1970s
- No prior renovation / reconstruction done on the building
- HVAC systems, medical gas systems, electrical systems completely replaced and upgraded
- Minimal interventions done at Client's request
- Project and BoQ split into several self-contained, independent LOTs for sequential bidding process

projects

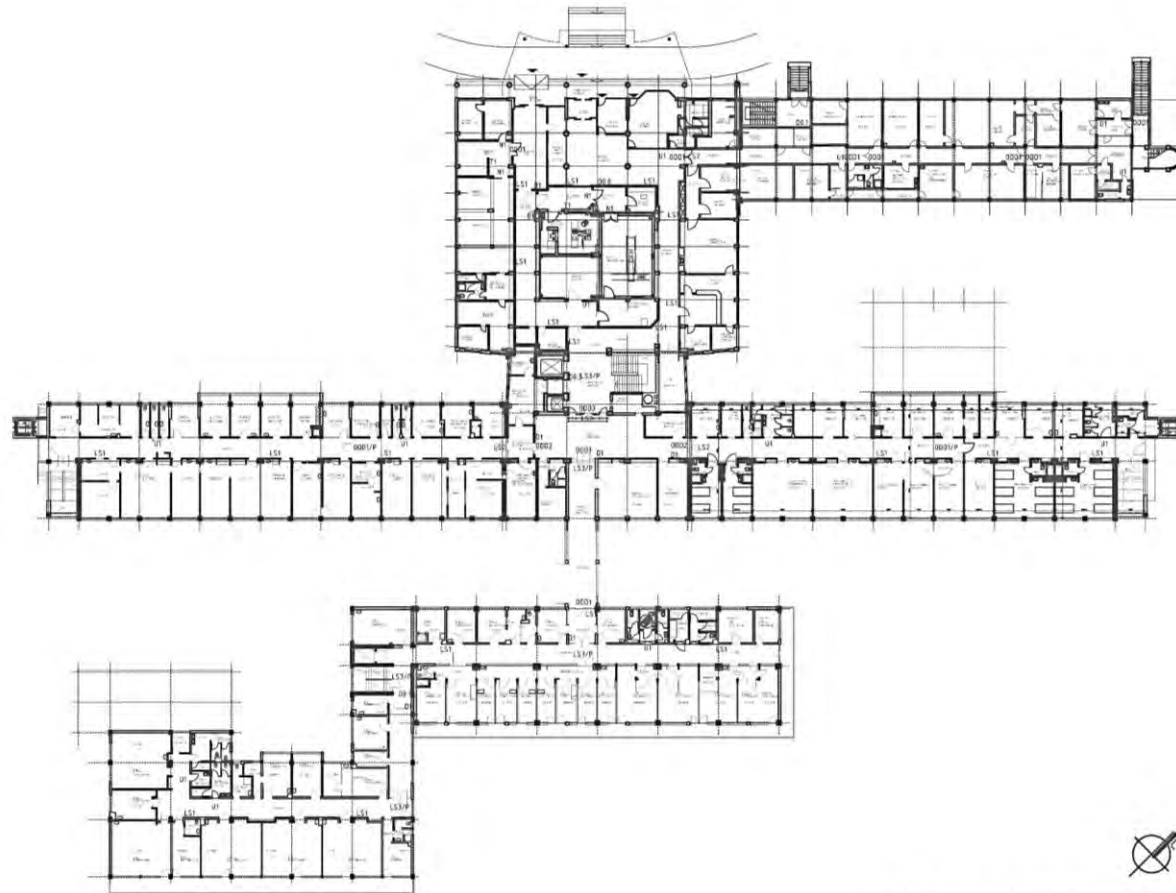
design - health care projects



investor: Ministry of Health of Macedonia

Reconstruction of Bitola General Hospital D-r Trifun Panovski

# design - health care projects

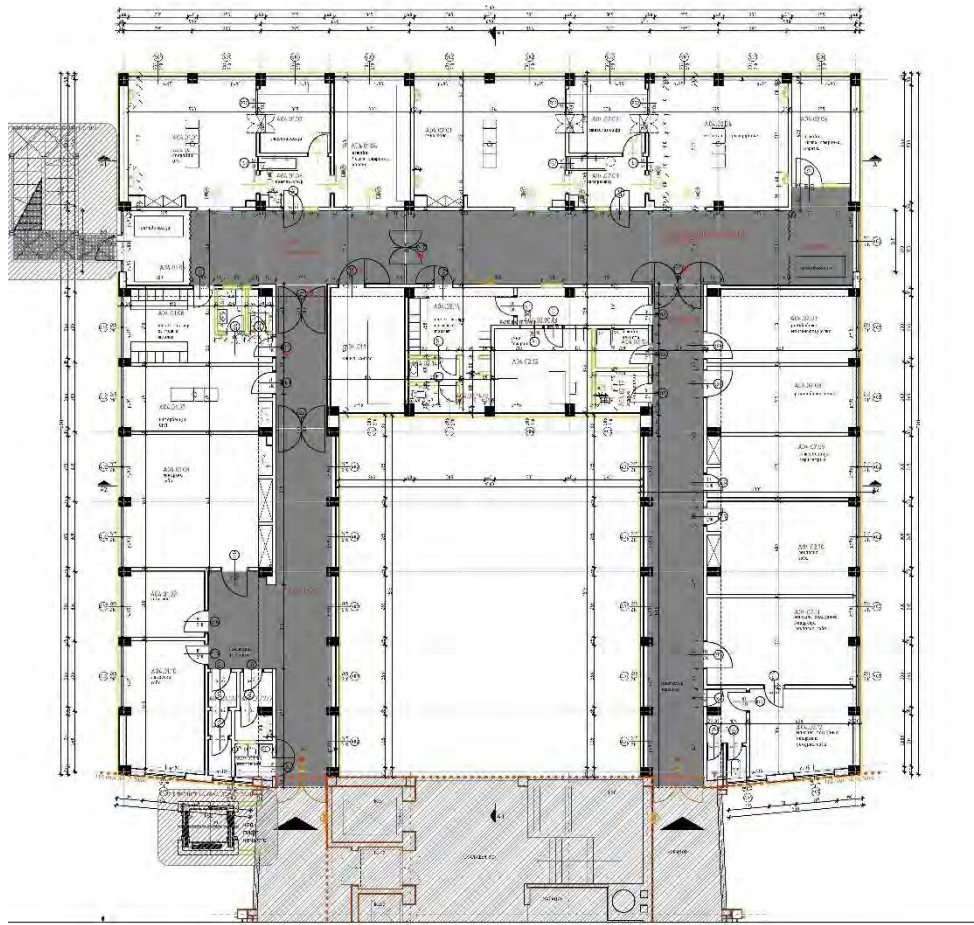


ОСНОВА НА КРИЛО А-Ф - КАТ 00

investor: Ministry of Health of Macedonia

Reconstruction of Bitola General Hospital D-r Trifun Panovski

TYPICAL FLOOR LAYOUT

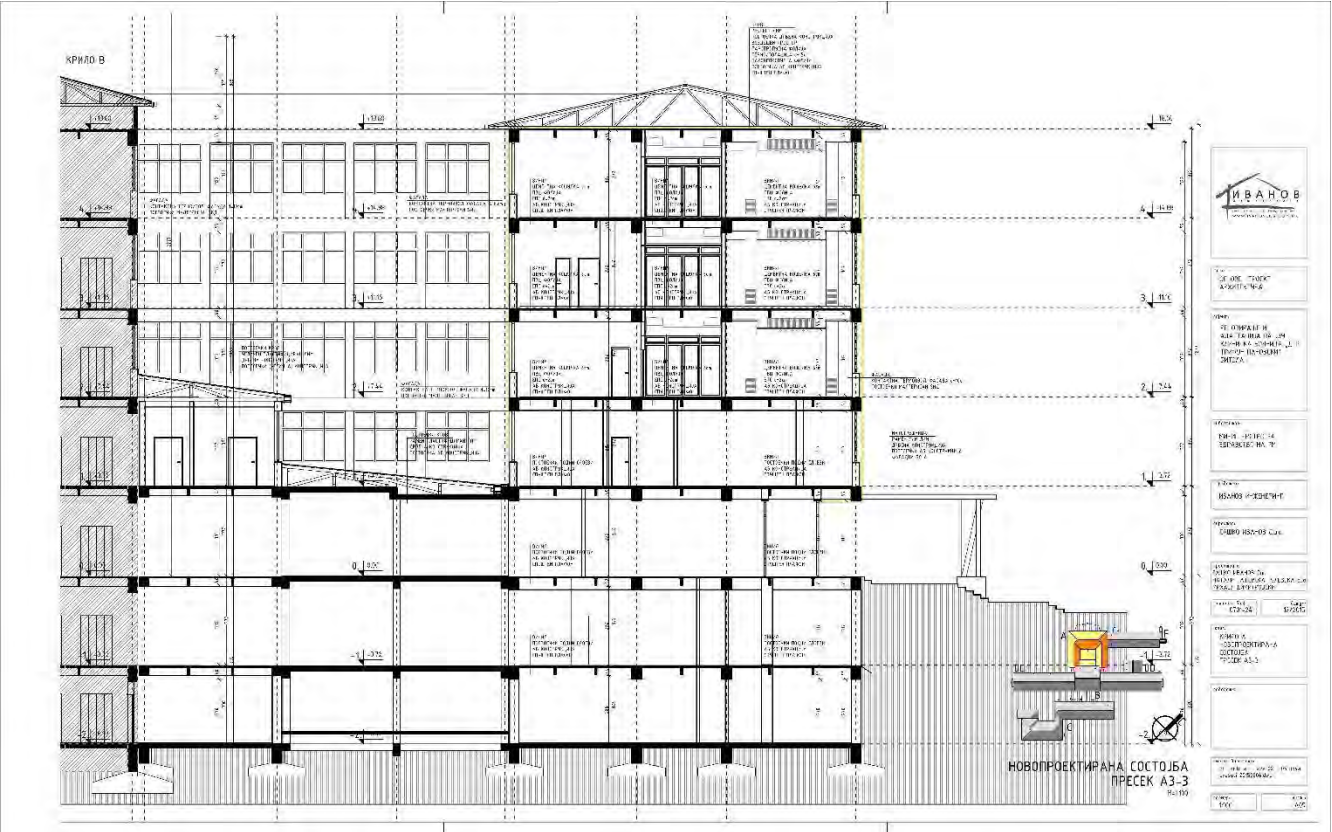


## SURGERY DEPARTMENT TYPICAL FLOOR LAYOUT

investor: Ministry of Health of Macedonia

Reconstruction of Bitola General Hospital D-r Trifun Panovski

# TYPICAL SECTION



investor: Ministry of Health of Macedonia

Reconstruction of Bitola General Hospital D-r Trifun Panovski

## health care projects

investor: WORLD BANK THROUGH MOH OF RM

project: reconstruction of health care facilities in Macedonia (2006-2009)

### rendered services

- implementation designs for the reconstruction of 14 health care facilities in Macedonia
- supervision of the reconstruction of 14 health care facilities in Macedonia

WORLD BANK THROUGH MOH OF RM

reconstruction of health care facilities in Macedonia (2008-present)

### rendered services

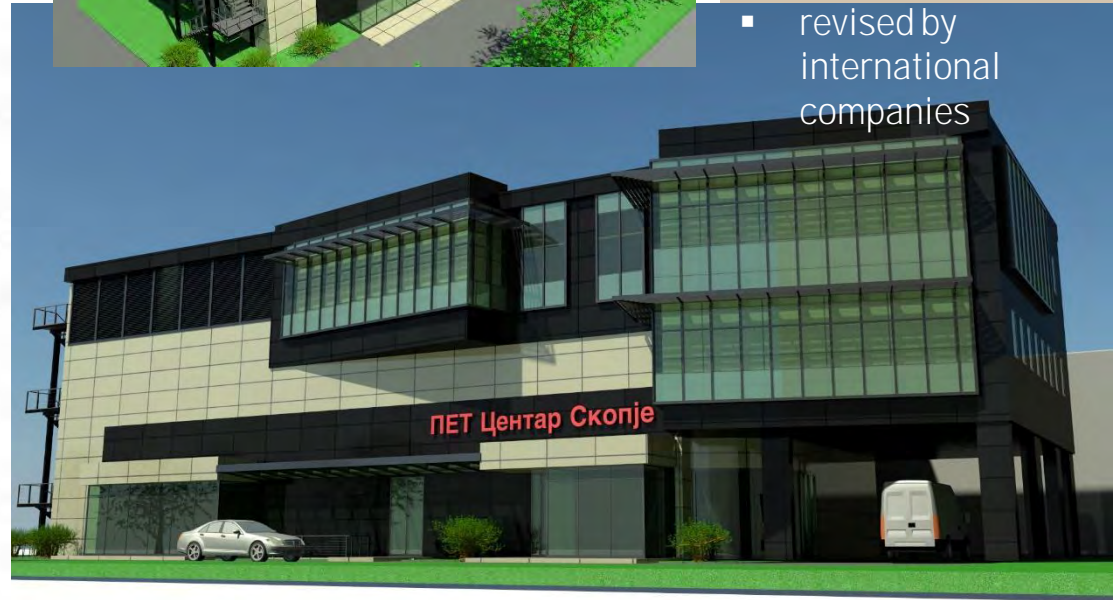
- implementation designs for the reconstruction of health care facilities in Macedonia
- supervision of the reconstruction of health care facilities in Macedonia
- cost estimates
- bid documentation including:
  - Ohrid hospital – surgery bldg.
  - Struga hospital – main bldg.
  - Special Hospital for Surgery St. Naum Ohridski, Skopje
  - Special hospital for gynecology and obstetrics Cair, Skopje
  - Former Military Hospital, Skopje

projects

design - health care projects



- joint effort with NEMCO Turkey
- assisted and evaluated by IAEA Vienna
- revised by international companies

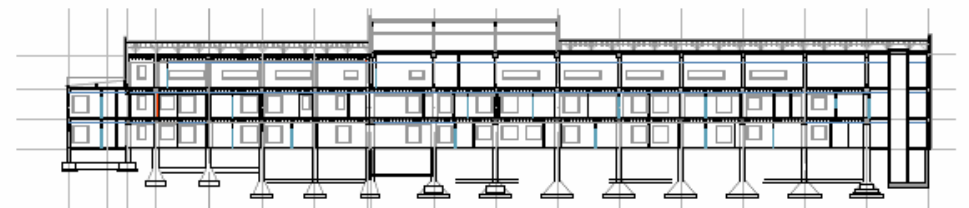
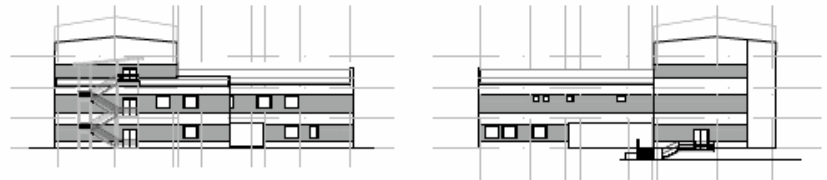
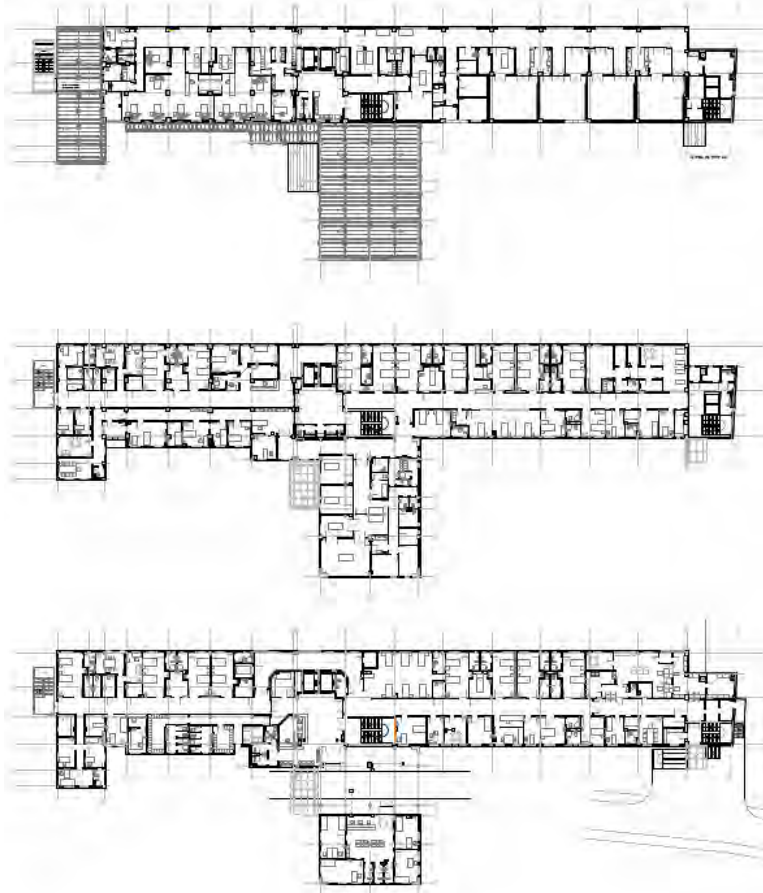


investor: Ministry of Health of Macedonia  
 Positron Emission Tomography (PET) Centre with Cyclotrone  
 levels: 4, area 900m<sup>2</sup>

projects



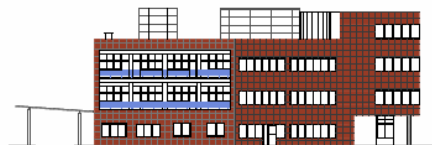
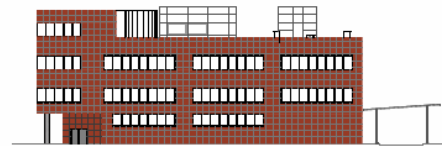
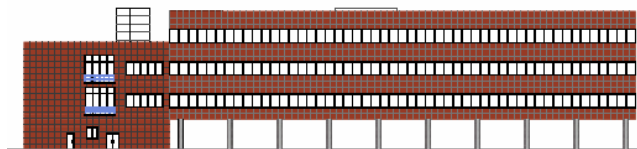
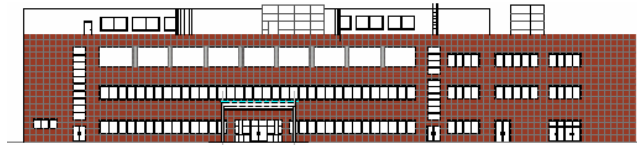
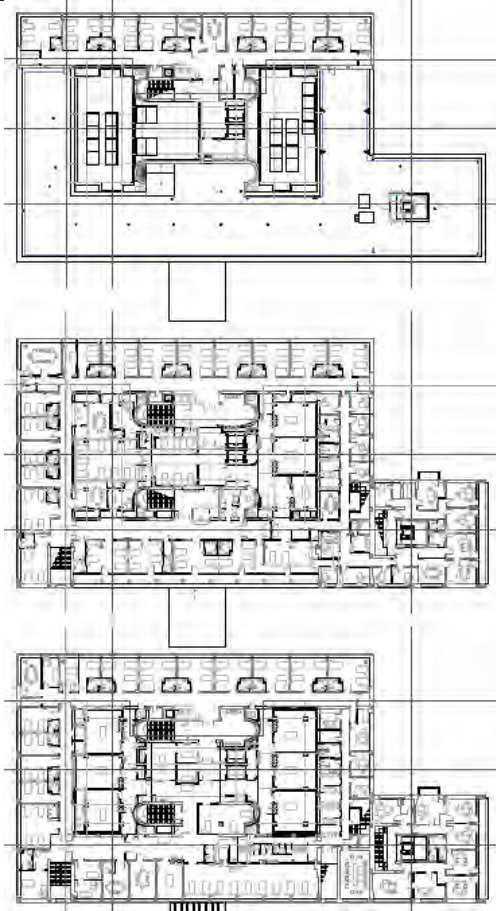
# design - health care projects



investor: Ministry of Health of Macedonia  
Reconstruction and adaptation of Ohrid General Hospital  
levels: 4, area 3,000m<sup>2</sup>

projects

## design - health care projects

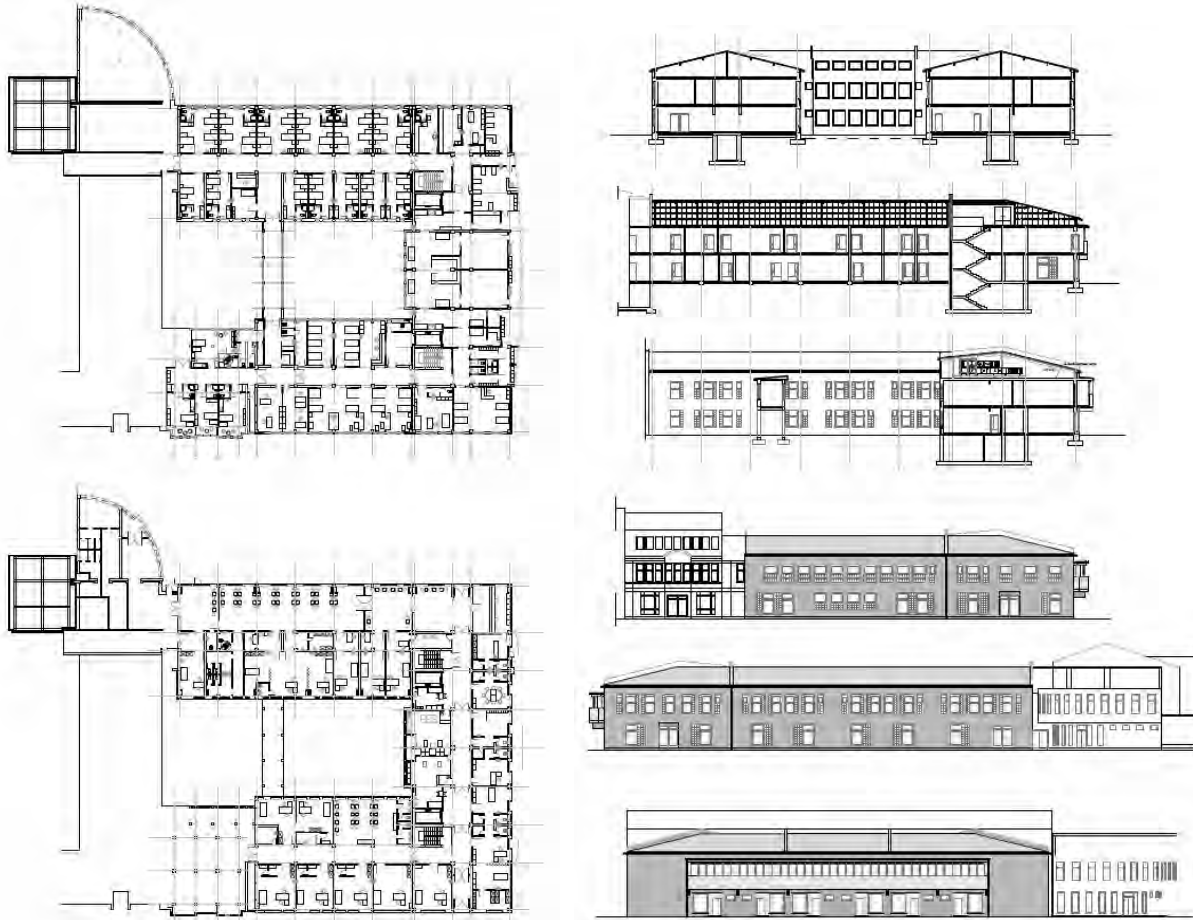


investor: Ministry of Health of Macedonia

Reconstruction and adaptation of Surgery hospital St. Naum Ohridski,  
Skopje, Macedonia, levels: 4, area 10,000m<sup>2</sup>

projects

## design - health care projects



investor: Ministry of Health of Macedonia

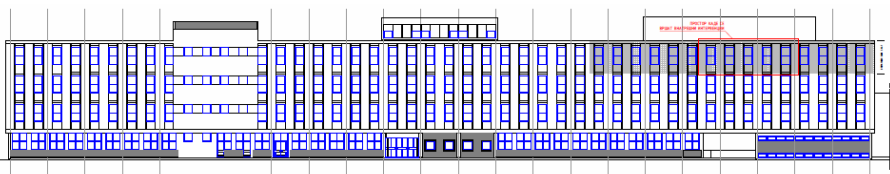
Reconstruction and adaptation of Special hospital for gynaecology and obstetrics Cair, Skopje, Macedonia, levels: 3, area 5,000m<sup>2</sup>

projects

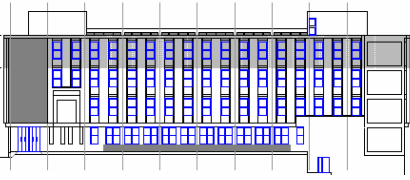
# design - health care projects



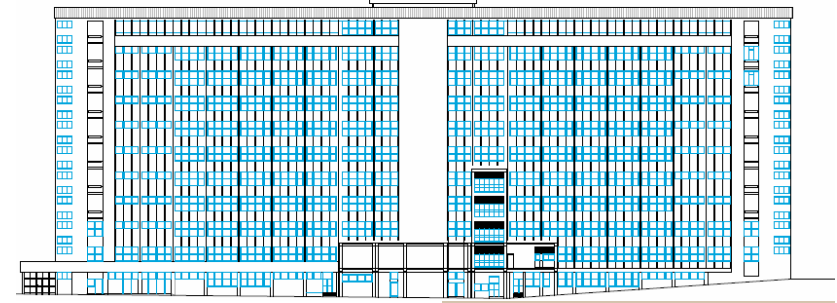
ЮЖНА ФАСАДА



ИЗГЛЕД ЗАПАД



ИЗГЛЕД ИСТОК



reconstruction and adaptation of operating rooms, stationary building, ATD building

investor: Ministry of Health of Macedonia

Reconstruction and adaptation of the Military hospital in Skopje into City General Hospital, Skopje, Macedonia, levels: 12, area 22,000m<sup>2</sup>

projects



## design - health care projects

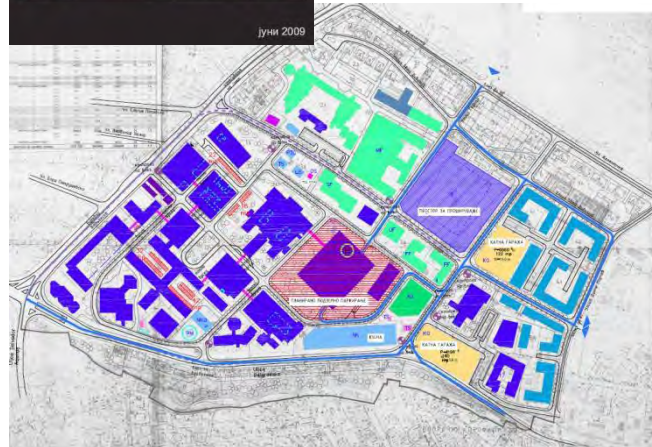
investor: **WORLD BANK THROUGH MOH OF RM**

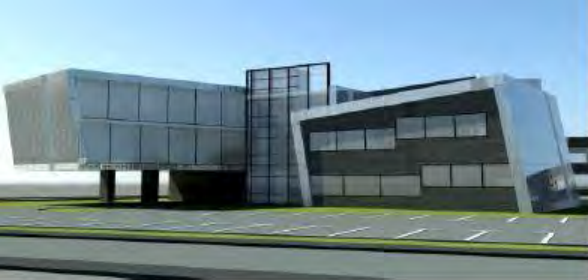
project: reconstruction of health care facilities in Macedonia (2008-present)

rendered services

CLINICAL CENTRE SKOPJE –  
Communication solution:

- entrances and exits
- vehicle traffic and parking
- parking houses
- pedestrian traffic
- enclosed patient transfer connection corridors between different clinical buildings
- horticulture design





**design - educational facilities**



**investor: SOUTH EAST EUROPEAN UNIVERSITY**

**project: architectural – urban plan for  
campus Skopje**

## **SEEU CAMPUS SKOPJE**

saraj, skopje, macedonia

### **rendered services**

- architectural –urban plan**
- preliminary design for  
campus buildings**
- basic design for regional  
center for sustainable  
development (energy efficient  
building)**
- 3D visualization**
- the design was chosen from  
several other designs done by  
competing companies**

**MINISTRY OF EDUCATION OF RM**

**reconstruction and adaptation  
of facilities for the University of  
information technology**

## **IT UNIVERSITY**

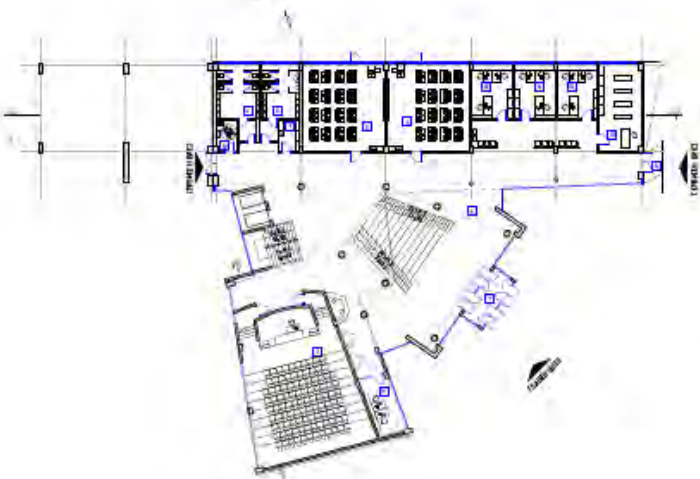
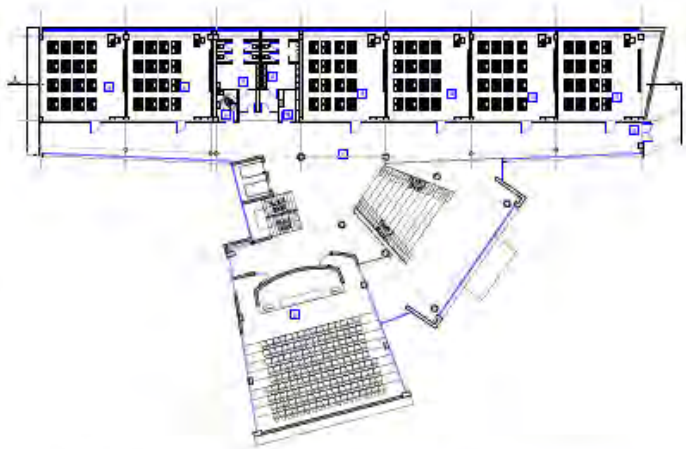
ohrid, macedonia

### **rendered services**

- preliminary and basic design  
for reconstruction of facilities  
in the military complex Mihajlo  
Apostolski, Ohrid, for the  
requirements of the University  
of Information Technology,  
Ohrid**
- cost estimates**

**projects**

design - educational facilities



investor: SOUTH EAST EUROPEAN UNIVERSITY

architectural – urban plan for SEEU CAMPUS SKOPJE, Macedonia

Main university building, levels: 3, area: 3,500m<sup>2</sup>

projects

design - educational facilities



investor:

SOUTH EAST EUROPEAN UNIVERSITY

architectural – urban plan for SEEU CAMPUS SKOPJE, Macedonia

Student Dormitory, levels: 2, area: 1,600m<sup>2</sup>

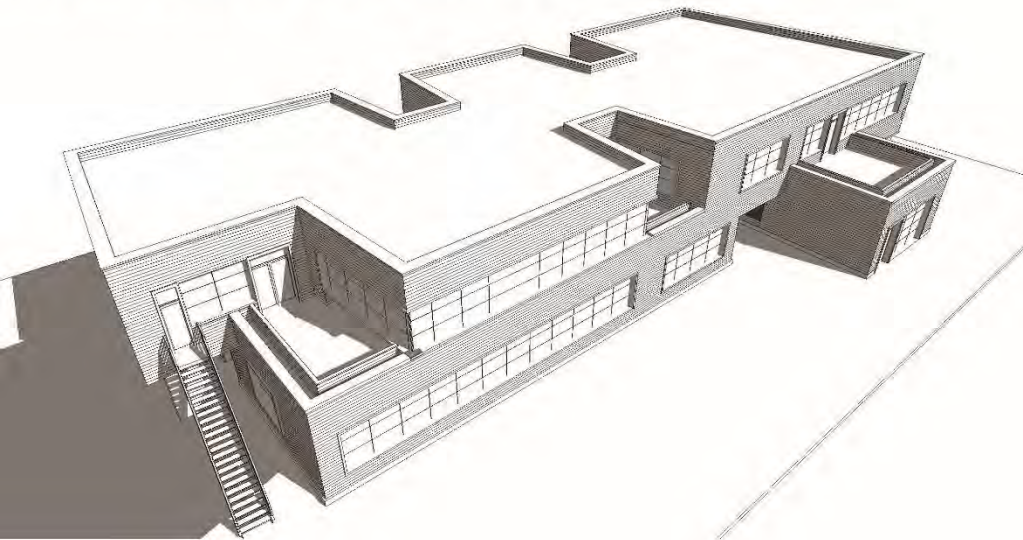
projects



## design - educational facilities

### REGIONAL CENTER FOR SUSTAINABLE DEVELOPMENT

CAMPUS SARAJ BP11 UP BLOCK 36 AND 42 MUNICIPALITY OF SARAJ, MACEDONIA



INVESTOR: SOUTHEAST EUROPEAN UNIVERSITY, TETOVO, MACEDONIA  
DESIGNER: IVANOV ENGINEERING, BITOLA, MACEDONIA  
DATE: OCTOBER 2012



investor: SOUTH EAST EUROPEAN UNIVERSITY

basic design for SEEU CAMPUS SKOPJE, Macedonia

Regional Center for Sustainable development, levels: 2, area: 2,400m<sup>2</sup>

projects

# design - educational facilities

REGIONAL CENTER FOR SUSTAINABLE DEVELOPMENT

GROUND FLOOR PLAN 08



BUILT AREA: 1,428m<sup>2</sup>



REGIONAL CENTER FOR SUSTAINABLE DEVELOPMENT

FIRST FLOOR PLAN 10



BUILT AREA: 1,609m<sup>2</sup>



investor: SOUTH EAST EUROPEAN UNIVERSITY

basic design for SEEU CAMPUS SKOPJE, Macedonia

Regional Center for Sustainable development, levels: 2, area: 2,400m<sup>2</sup>

projects

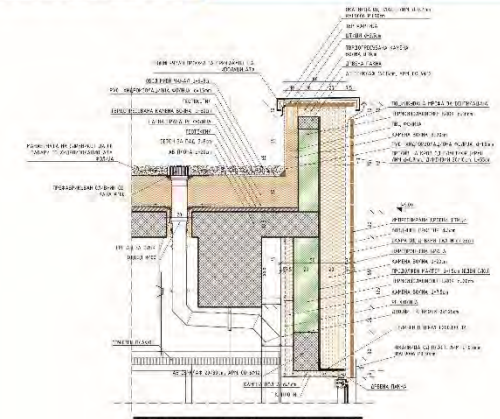
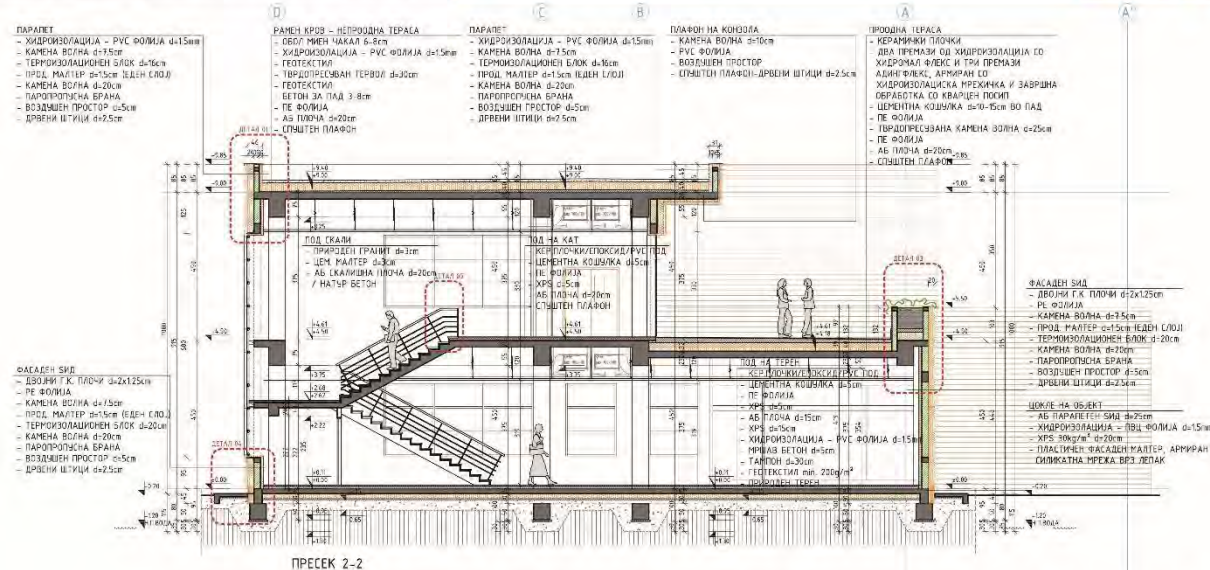
# design - educational facilities

REGIONAL CENTER FOR SUSTAINABLE DEVELOPMENT

SECTION 14

REGIONAL CENTER FOR SUSTAINABLE DEVELOPMENT

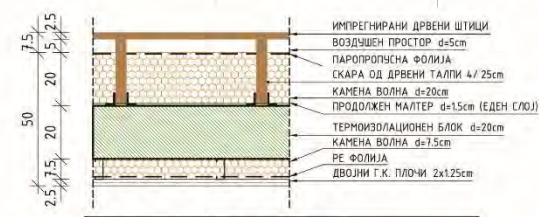
DETAILS 16



$$K_{ROOF} = 0.135 W/m^2K \quad (0.12-0.15)$$

$$K_{FACADE WALL} = 0.114 W/m^2K \quad (0.10-0.15)$$

$$K_{SLAB ON GRADE} = 0.112 W/m^2K \quad (0.09-0.15)$$



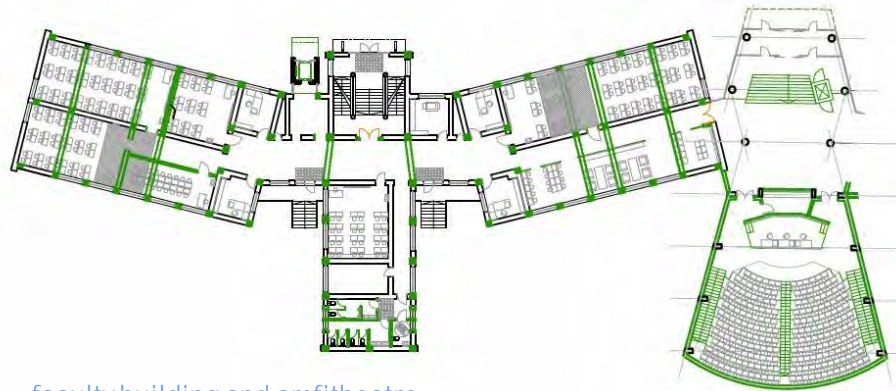
investor: SOUTH EAST EUROPEAN UNIVERSITY

basic design for SEEU CAMPUS SKOPJE, Macedonia

Regional Center for Sustainable development, levels: 2, area: 2,400m<sup>2</sup>

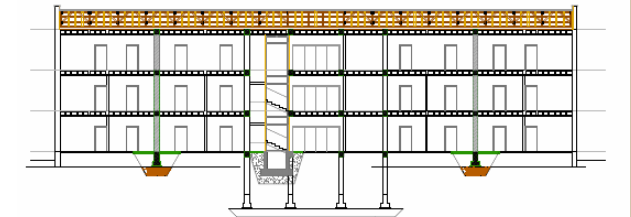
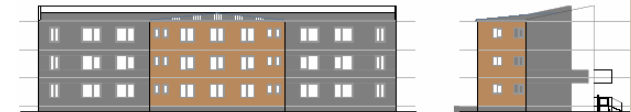
projects

# design - educational facilities



faculty building and amfitheatre

levels: 4, area: 4,000m<sup>2</sup>



rectorate

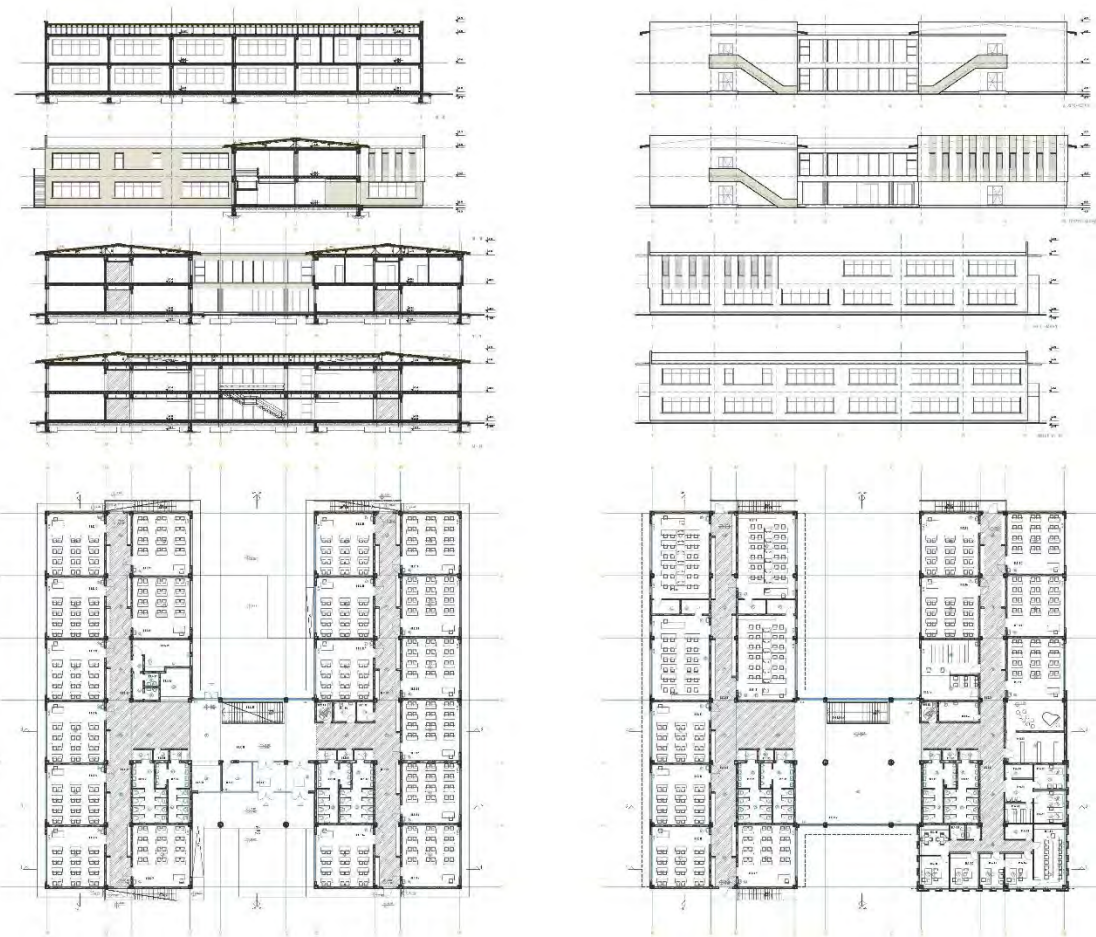
levels: 4, area: 1,500m<sup>2</sup>

investor: **MINISTRY OF EDUCATION AND SCIENCE OF MACEDONIA**

reconstruction and adaptation of facilities for the University of information technology

projects

design - educational facilities



investor: Municipality of Petrovec, funded by World Bank

Elementary school Koco Racin  
area: 3,600m<sup>2</sup>

projects



traffic solutions



investor: P.E. for management of the residential and commercial property of R.M

project: automatic multi-storey car park at multiple locations in skopje city centre

**“RABOTNICKI DOM”**

skopje center, macedonia

**TELEKOM**

skopje city square, macedonia

rendered services

- local urban planing documentation
- preliminary concepts and cost estimates with automatic parking technology
- preliminary design
- basic and implementation design
- bid documentation

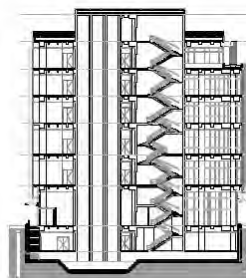
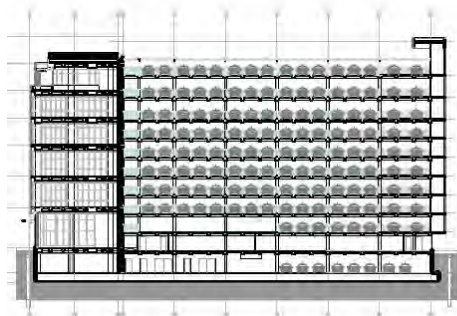
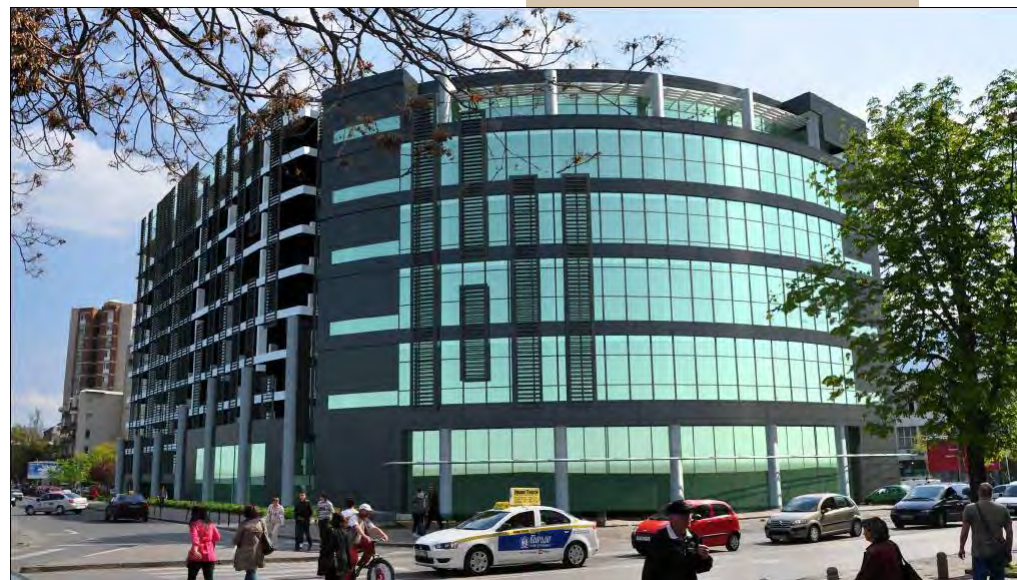
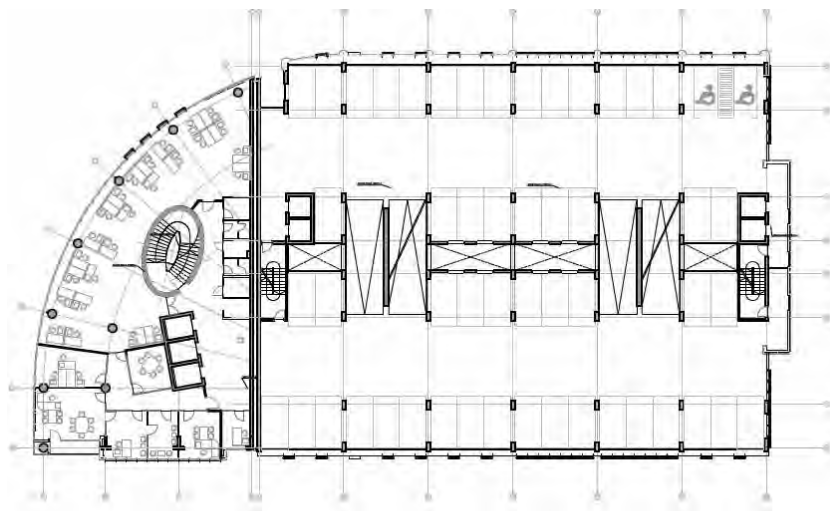
rendered services

- preliminary concepts and cost estimates with automatic parking technology

projects



traffic solutions



investor: P.E. for construction and management of residential and commercial property of R.M  
conventional multi-storey car park in skopje city centre - RABOTNICKI  
DOM, levels: 12, area: 24,000m<sup>2</sup>

projects



investor: P.E. for construction and management of residential and commercial property of R.M  
automatic multi-storey car park in skopje city center square

levels: 12, area: 12,000m<sup>2</sup>



## penitentiary facilities

investor: **MINISTRY OF JUSTICE**

project: **reconstruction of penitentiary facilities in Macedonia**

### IDRIZOVO PRISON

skopje, macedonia

#### rendered services

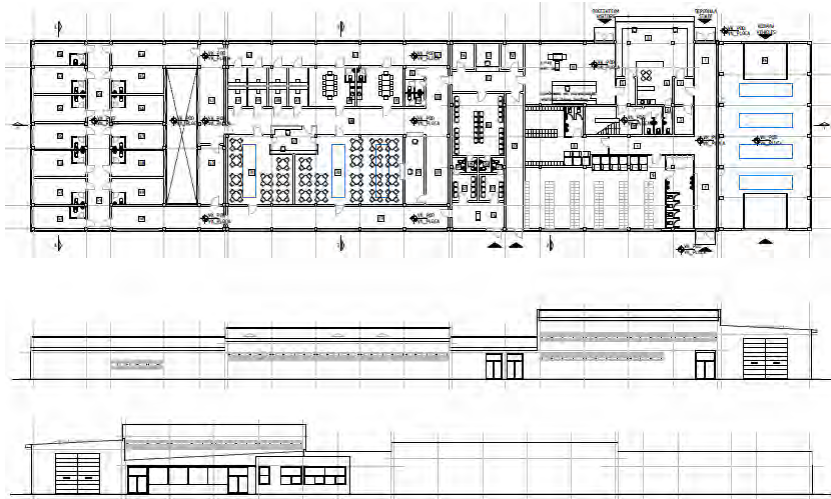
design for:

- newly foreseen buildings
- prison perimeter
- new female prison
- reconstruction of old buildings
- coordination of design with consultant experts

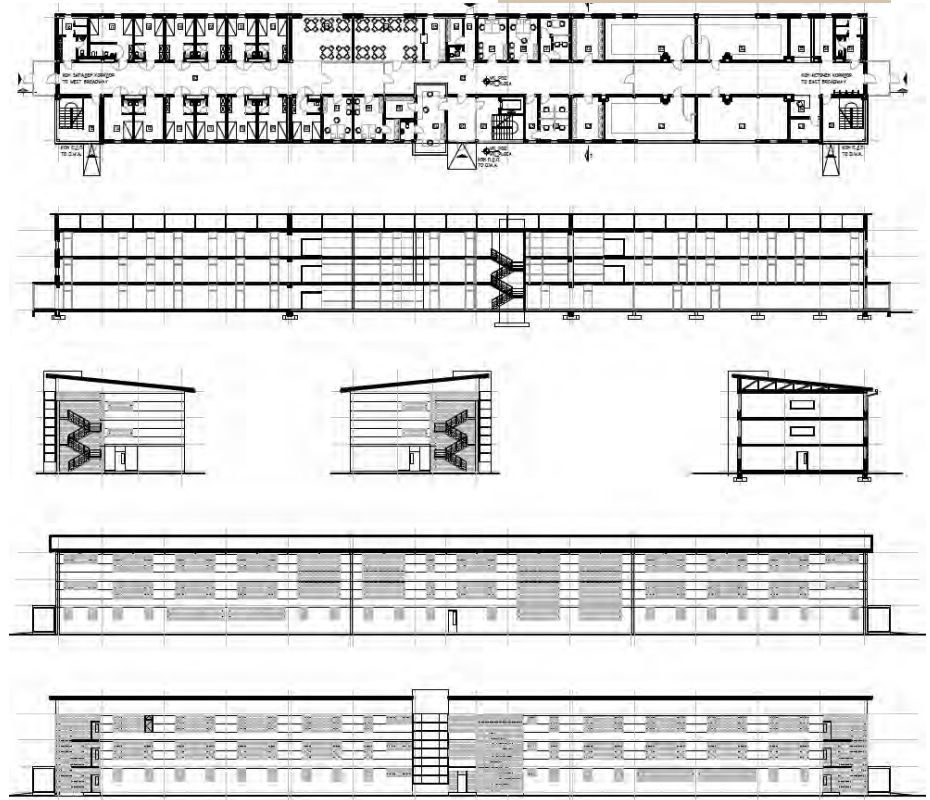
projects



# penitentiary facilities



visitors' centre



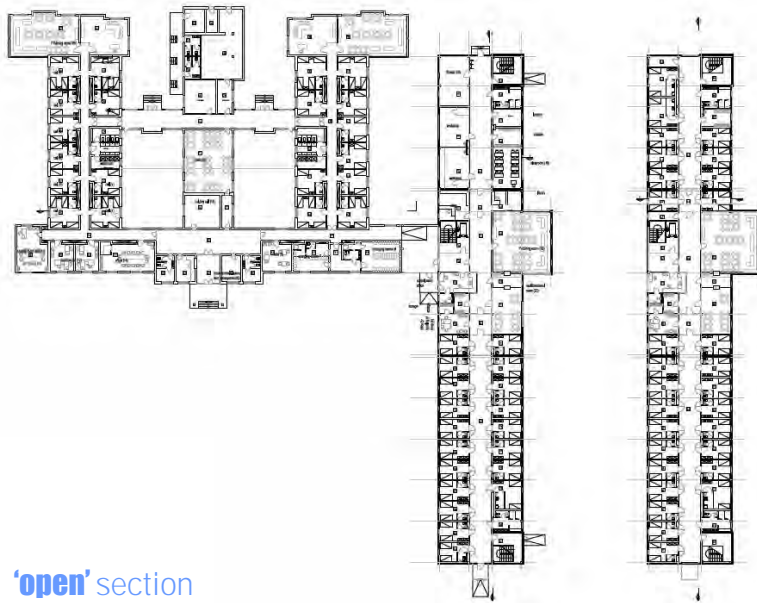
typical unit

investor: **MINISTRY OF JUSTICE**, consultants: Frick Krüger Nusser Plan2  
reconstruction of penitentiary facilities in Macedonia - IDRIZOVO PRISON  
total area: 90,000m<sup>2</sup>

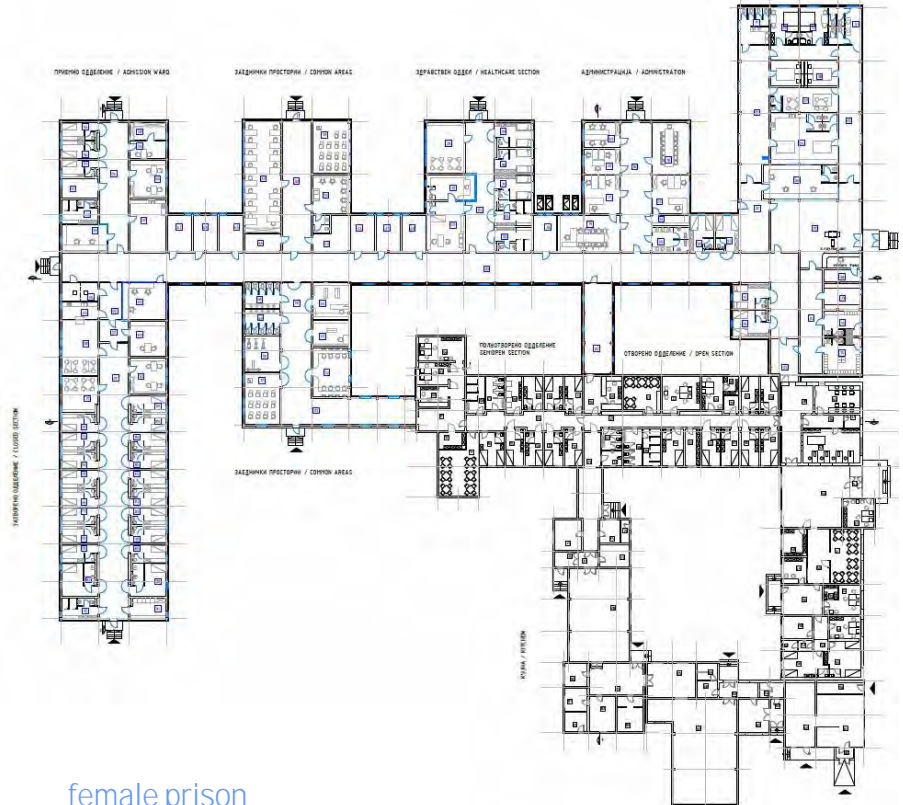
projects



# penitentiary facilities



'open' section



female prison

investor: **MINISTRY OF JUSTICE**, consultants: Frick Krüger Nusser Plan2  
 reconstruction of penitentiary facilities in Macedonia - **IDRIZOVO PRISON**  
 total area: 90,000m<sup>2</sup>

projects

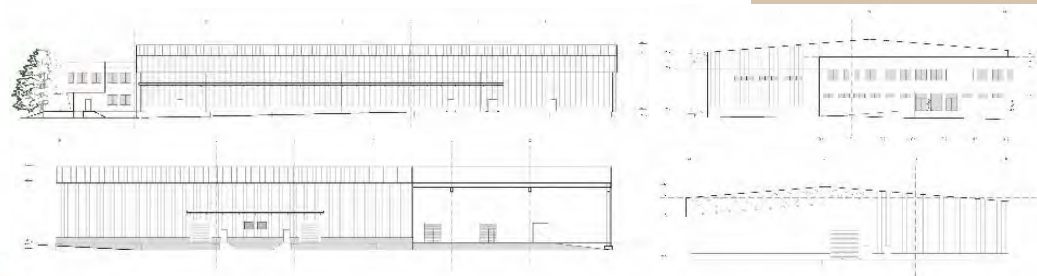
investor: **GiannViki**  
building: **food industry**  
**VEGETABLES & FRUITS**  
petrovec, macedonia

investor: **DIM Komerc**  
building: **food industry**  
**PROCESSING & COLD  
STORAGE**  
valandovo, macedonia

investor: **Flora MK**  
building: **logistic center**  
**STORAGE & OFFICES**  
petrovec, macedonia

### rendered services

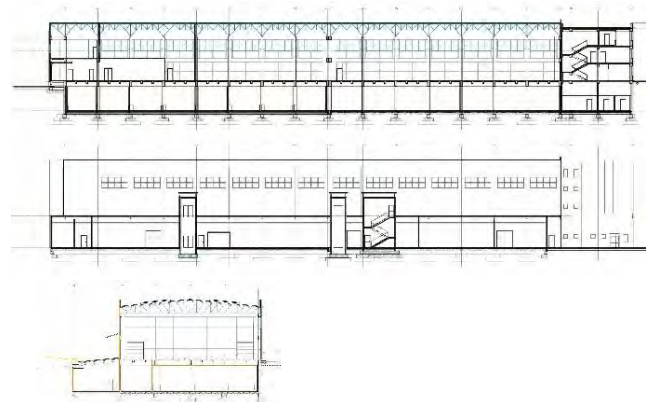
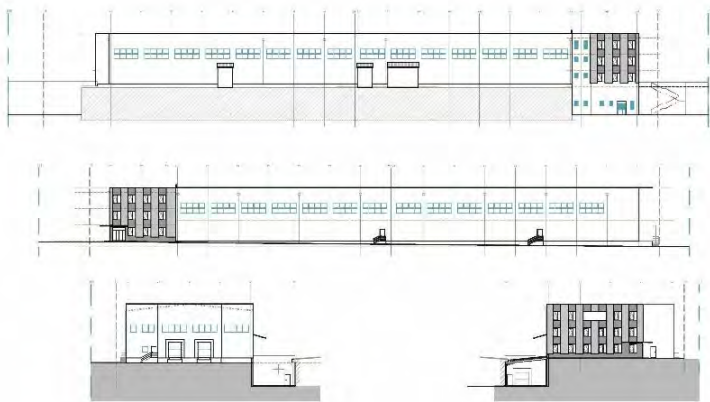
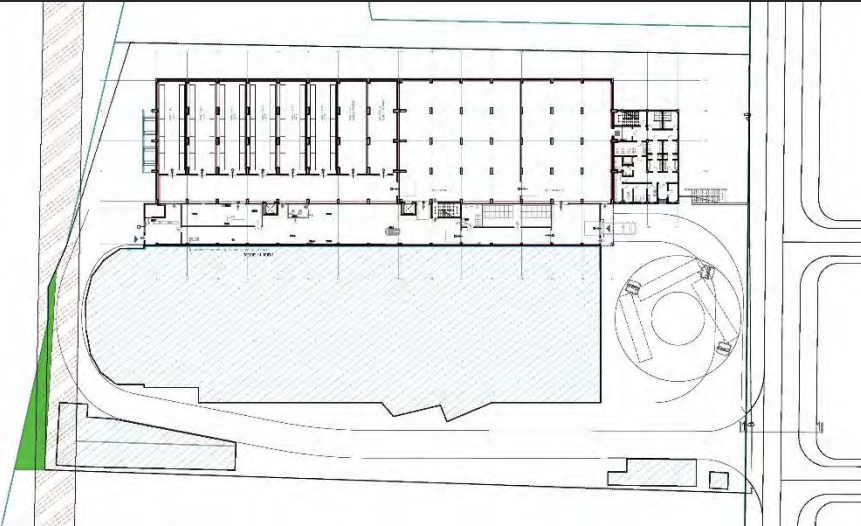
- preliminary design
- architectural urban plan
- cost estimate
- detailed design
- environmental protection
- materials used to conform to food industry



investor: **GiannViki**  
**industrial complex**  
**Industrial zone Kjojlja, total area 7200m<sup>2</sup>**

projects

# industrial buildings



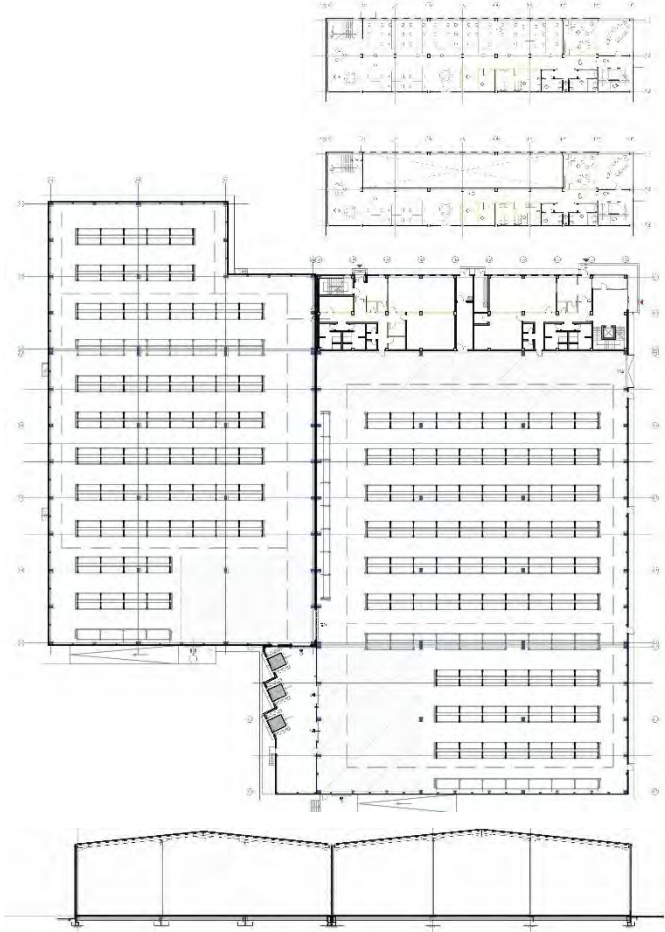
investor: DIM Komerc

industrial complex

Valandovo, total area: 8,500m<sup>2</sup>

projects

# industrial buildings



investor: Flora MK

industrial complex

Municipality of Petrovec, total area: 5,500 + 3,000m<sup>2</sup>

projects

**investor:** **KROMBERG&SCHUBERT**

**building:** **automotive industry**

**CABLE HARNESS  
PRODUCTION PLANT**

bitola, macedonia

**rendered services**

- **consultancy**
- **design**
- **supervision**
- **environmental protection**
- **optimal foundation and construction choice**
- **cost estimates**
- **design alternatives**
- **bid documentation**
- **evaluation assistance**

**MINISTRY OF AGRICULTURE,  
FORESTRY AND WATER**

**fruit industry**

**APPLE PURCHASE, STORAGE  
AND DISTRIBUTION PLANT**

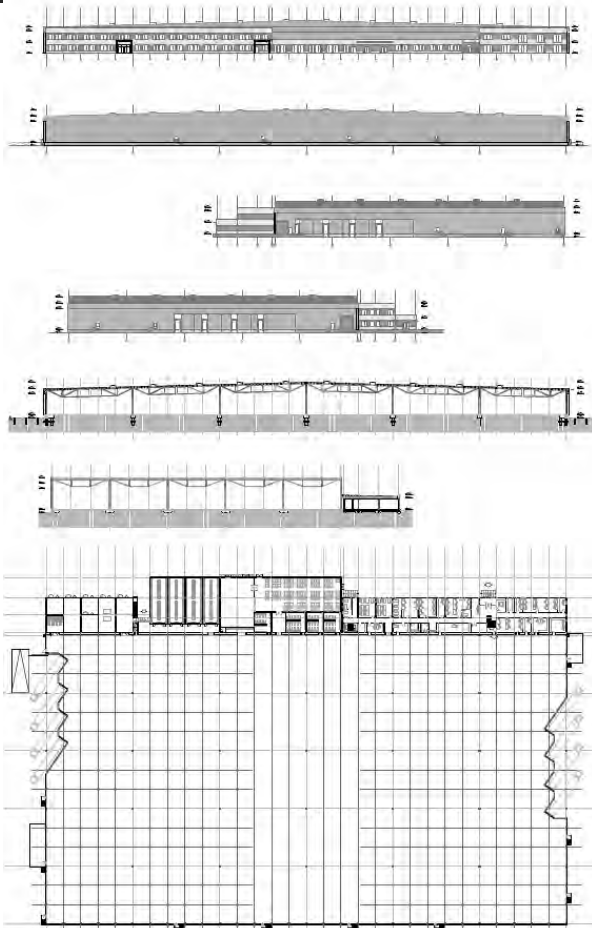
resen, macedonia

**rendered services**

- **design with technology**
- **environmental protection**
- **optimal foundation and construction choice**
- **cost estimates**
- **bid documentation**



## industrial buildings

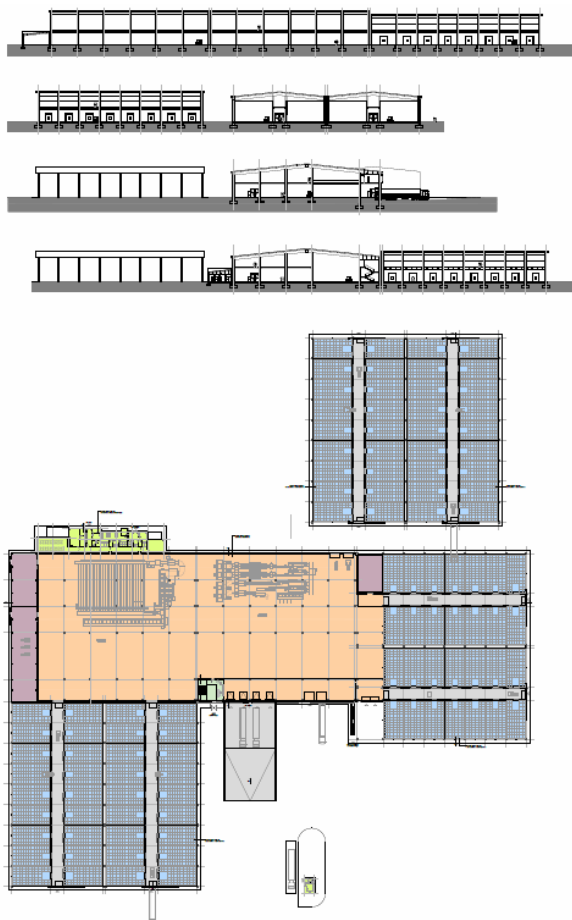


investor: KROMBERG&SCHUBERT

automotive industry - cable harness production plant in the Industrial Zone Zabeni, total area: 24,000m<sup>2</sup>

projects

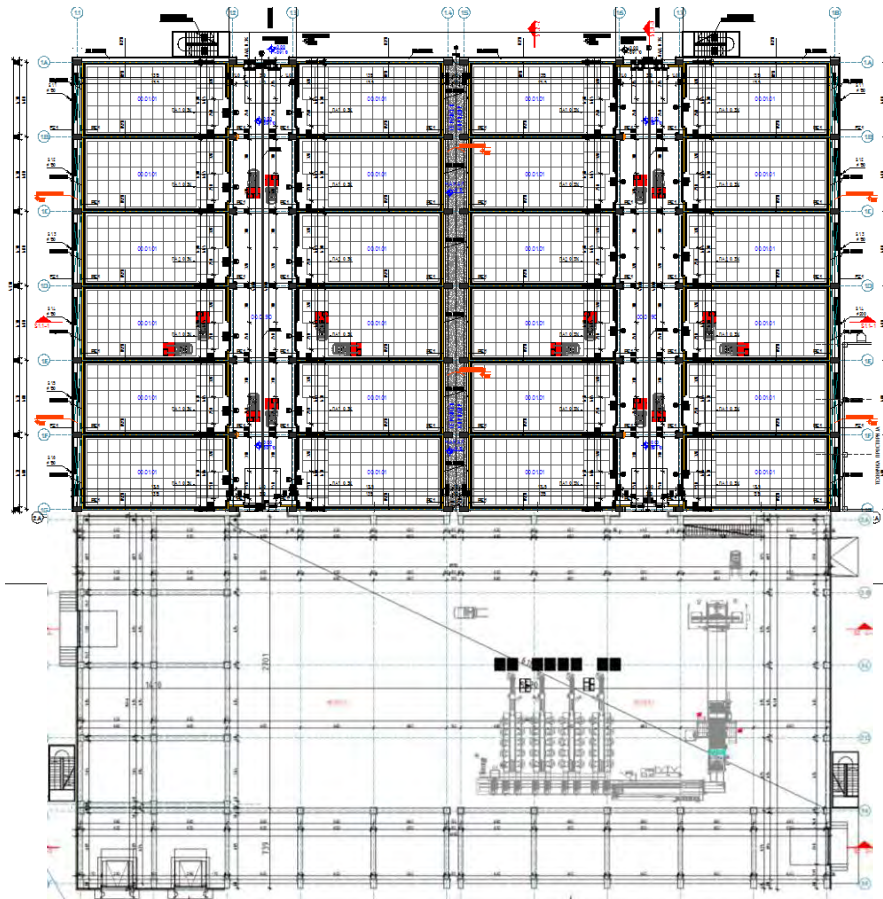
industrial buildings



investor: Ministry of Agriculture, forestry and water of Macedonia

Complex for purchase, processing, storage and distribution centre for apples in Resen, Macedonia, total area: 25,000m<sup>2</sup>

projects

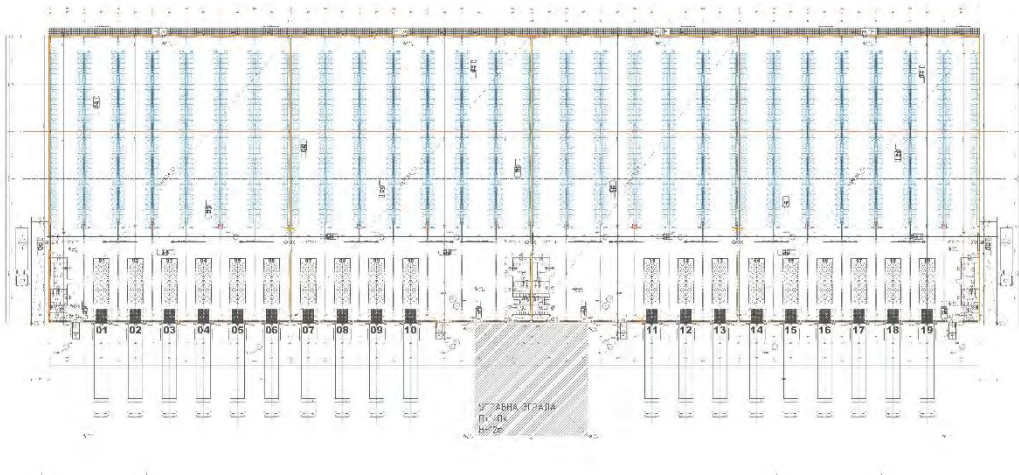


investor: Apple Land

Complex for purchase, processing, storage and distribution centre for apples in Resen, Macedonia, total area: 6,000m<sup>2</sup>

projects

## industrial buildings



investor: New Trend

Basic design for the Distribution center for distribution and storage, on building plots 1.3 and 1.8, multifunctional zone Kjojlja, Municipality of Petrovec, Skopje, total area: 9,360m<sup>2</sup>

projects



## industrial buildings



investor: **AD MLEKARA**

building: **food industry**

### **CHEESE PROCESSING**

bitola, macedonia

investor: **AD MLEKARA**

building: **food industry**

### **MILK PROCESSING**

bitola, macedonia

#### rendered services

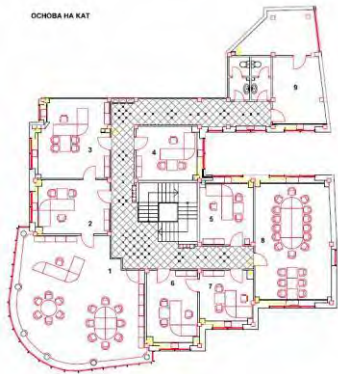
- **feasibility study**
- **design with technology**
- **supervision**
- **environmental protection**
- **materials used to conform to eu food industry standards for export**
- **closed system - no human contact**

#### rendered services

- **feasibility study**
- **design with technology**
- **supervision**
- **environmental protection**
- **materials used to conform to eu food industry standards for export**
- **closed system - no human contact**

**projects**

# industrial buildings



investor: AD MLEKARA Bitola  
Office building – designed and built  
total area: 900m<sup>2</sup>

projects



## industrial buildings



investor: **AD MLEKARA**

building: **food industry**

### **JUICE PROCESSING**

bitola, macedonia

#### rendered services

- **feasibility study**
- **design with technology**
- **supervision**
- **environmental protection**
- **materials used to conform to eu food industry standards for export**
- **closed system - no human contact**

investor: **AD MLEKARA**

building: **food industry**

### **BUTTER PROCESSING**

bitola, macedonia

#### rendered services

- **feasibility study**
- **design with technology**
- **supervision**
- **environmental protection**
- **materials used to conform to eu food industry standards for export**
- **closed system - no human contact**

**projects**



## industrial buildings



investor: **AD MLEKARA**

building: **food industry**

### **MILK POWDER**

skopje, macedonia

#### rendered services

- feasibility study
- design with technology
- environmental protection

AD MLEKARA

food industry

### **DEVELOPMENT PROJECT**

petrovec, skopje factory site

#### rendered services

- feasibility study
- design with technology
- supervision
- environmental protection
- materials used to conform to eu food industry standards for export
- closed system - no human contact

projects





## industrial buildings



investor: **EUROFARM**

building: **pharmaceuticals industry**

### **ADMINISTRATION AND PRODUCTION**

skopje, macedonia

#### rendered services

- **feasibility study**
- **design with technology**
- **supervision**
- **environmental protection**
- **materials used to conform to eu pharmaceuticals industry standards for export**
- **closed system - no human contact**

private investor

**pharmaceuticals industry**

### **INFUSION SOLUTION PRODUCTION**

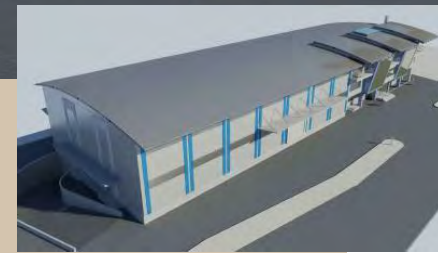
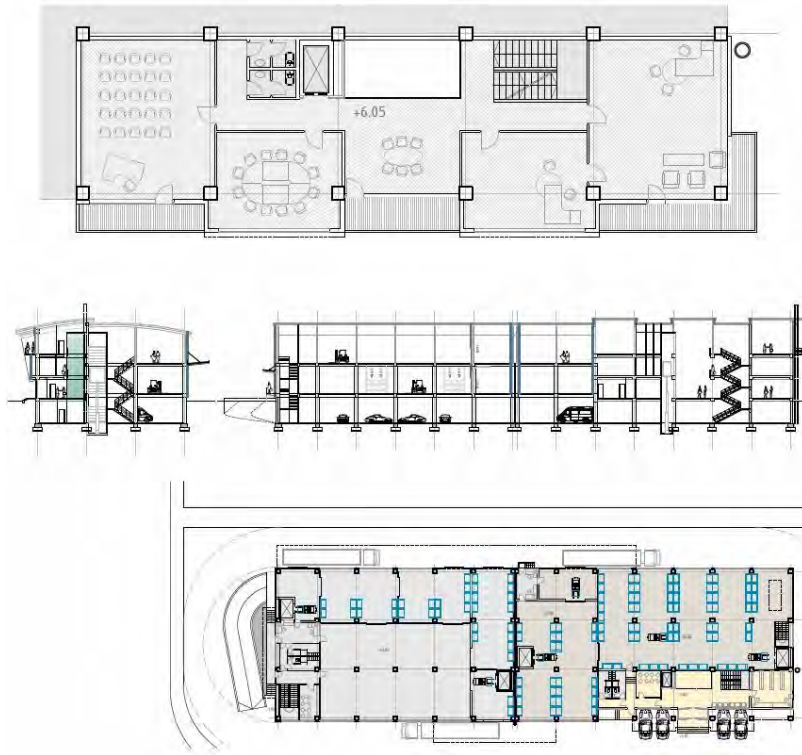
pristina, kosovo

#### rendered services

- **feasibility study**
- **design with technology**
- **supervision**
- **environmental protection**
- **materials used to conform to eu food industry standards for export**
- **closed system - no human contact**

**projects**

## industrial buildings



investor: **EUROFARM**  
pharmaceuticals industry - ADMINISTRATION AND PRODUCTION  
total area: 5,000m<sup>2</sup>

projects

**investor:** ZK PELAGONIJA AD

**building:** livestock industry

**FACTORY FOR  
LIVESTOCK FOOD**

bitola, macedonia

**rendered services**

- feasibility study
- design with technology
- environmental protection

**ZK PELAGONIJA AD**

livestock industry

**LIVESTOCK WASTE  
MANAGEMENT**

with alfa laval, sweden

**rendered services**

- feasibility study
- design with technology
- supervision
- environmental protection



## industrial buildings



investor: **AD VITAMINKA**

building: **food industry**

**VITAMINKA**  
**DEPT. FOR SOUP PROCESSING**  
prilep, macedonia

**VITAPELA**

**food industry**

**CANNING FACTORY**

bitola, macedonia

### rendered services

- feasibility study
- design with technology
- supervision
- environmental protection
- materials used to conform to eu food industry standards for export
- closed system - no human contact

### rendered services

- feasibility study
- design with technology
- supervision
- environmental protection
- materials used to conform to eu food industry standards for export
- closed system - no human contact

**projects**

## industrial buildings

investor: **ZITO BITOLA**

building: **food industry**

**multiple bldgs.**

bitola, macedonia

**FACTORY FOR YEAST AND ALCOHOL**

**food industry**

**multiple bldgs.**

bitola, macedonia

### rendered services

- **feasibility studies**
- **design with technology**
- **environmental protection**
- **consultant services**
- **building assesments**

### rendered services

- **feasibility studies**
- **design with technology**
- **environmental protection**
- **consultant services**
- **building assesments**

**projects**

**investor:** **SUGAR FACTORY**

**building:** **food industry**

## **SUGAR PROCESSING**

bitola, macedonia

### **rendered services**

- **feasibility studies**
- **design with technology**
- **environmental protection**
- **consultant services**
- **building assesments**

**BAGA FOOD**

**food industry**

## **CANNING FACTORY**

bitola, macedonia

### **rendered services**

- **feasibility study**
- **design with technology**
- **supervision**
- **environmental protection**
- **materials used to conform to eu food industry standards for export**
- **closed system - no human contact**

**projects**



## industrial buildings



investor:

AGROPIN

building

food industry

:

WINE CELLAR

demir kapija, macedonia

MEDICAL CENTRE BITOLA

pharmaceutical industry

INFUSION SOLUTIONS

bitola, macedonia

### rendered services

- feasibility study
- design with technology
- supervision
- environmental protection
- materials used to conform to eu food industry standards for export
- closed system - no human contact

### rendered services

- feasibility study
- design with technology
- supervision
- environmental protection
- materials used to conform to eu pharmaceutical industry standards for export
- closed system - no human contact

projects



## industrial buildings



investor: **FRANA SA , SOGOTAB Bitola**

building: **tobacco industry**

### **TOBACCO PROCESSING PLANT** bitola, macedonia

#### rendered services

- feasibility study
- design of factory  
administration building with  
ablution, changing room,  
restaurant and kitchen
- designer supervision

investor: **ALLIANCE ONE INTERNATIONAL**

building: **tobacco industry**

### **TOBACCO PROCESSING PLANT** rosoman, macedonia

#### rendered services

- feasibility study
- urban plans
- design with technology
- supervision
- environmental protection
- materials used to conform to  
eu food industry standards for  
export
- closed system - no human  
contact

projects



## industrial buildings



investor: SOCOMAK Bitola

industrial complex for purchase, processing and storage of tobacco, v. Dragozani, Bitola, Macedonia – offices, changing rooms, restaurant with kitchen, area: 3,000m<sup>2</sup>

projects

**investor:** **AD POULTRY FARM PORODIN**

**building:** **food industry**

## **POULTRY FARM**

**bitola, macedonia**

### **rendered services**

- **feasibility study**
- **design with technology**
- **supervision**
- **environmental protection**
- **materials used to conform to eu food industry standards for export**

**AGROPLOD**

**food industry**

## **POULTRY FARM**

**resen, macedonia**

### **rendered services**

- **feasibility study**
- **design with technology**
- **supervision**
- **environmental protection**
- **materials used to conform to eu food industry standards for export**



**industrial buildings**



**investor: MACEDONIAN POWER PLANTS**

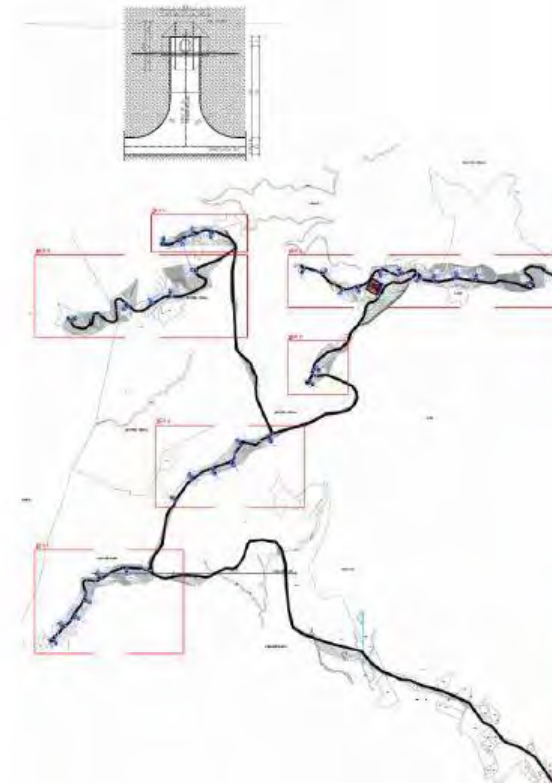
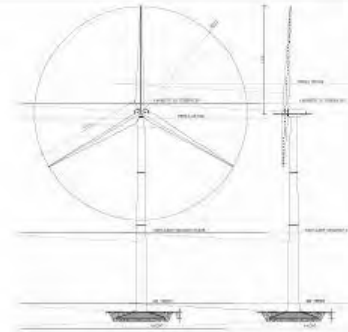
**building: power plant**

# **WIND TURBINE PARK**

**bogdanci, macedonia**

## **rendered services**

- preliminary design for wind turbine park (35 turbines, 1.5MW each, blade diameter 77m, height 66m)**
- preliminary design for electrical substation 20/110kV Bogdanci-A**



**projects**



**IPARD programme**



**investor:** AD VARDAR 3, Gradsko

**building:** restaurant and hotel

## **MANDRA**

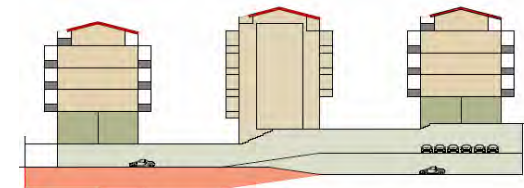
v. galicnik, macedonia

### **rendered services**

- rehabilitation and reconstruction of old cheese production complex**
- preliminary and basic design for IPARD programme application for etno restaurant and hotel within the complex in v. Galicnik, R. Macedonia, protected as cultural heritage**

**projects**

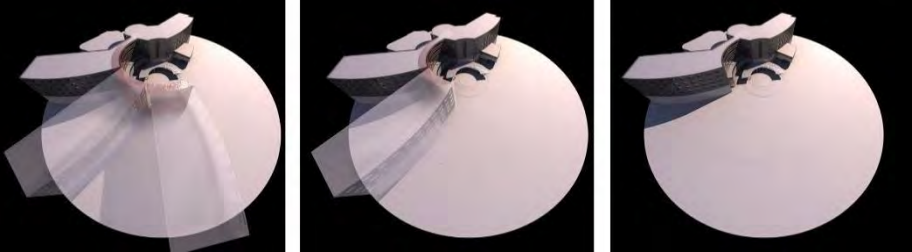
# residential buildings



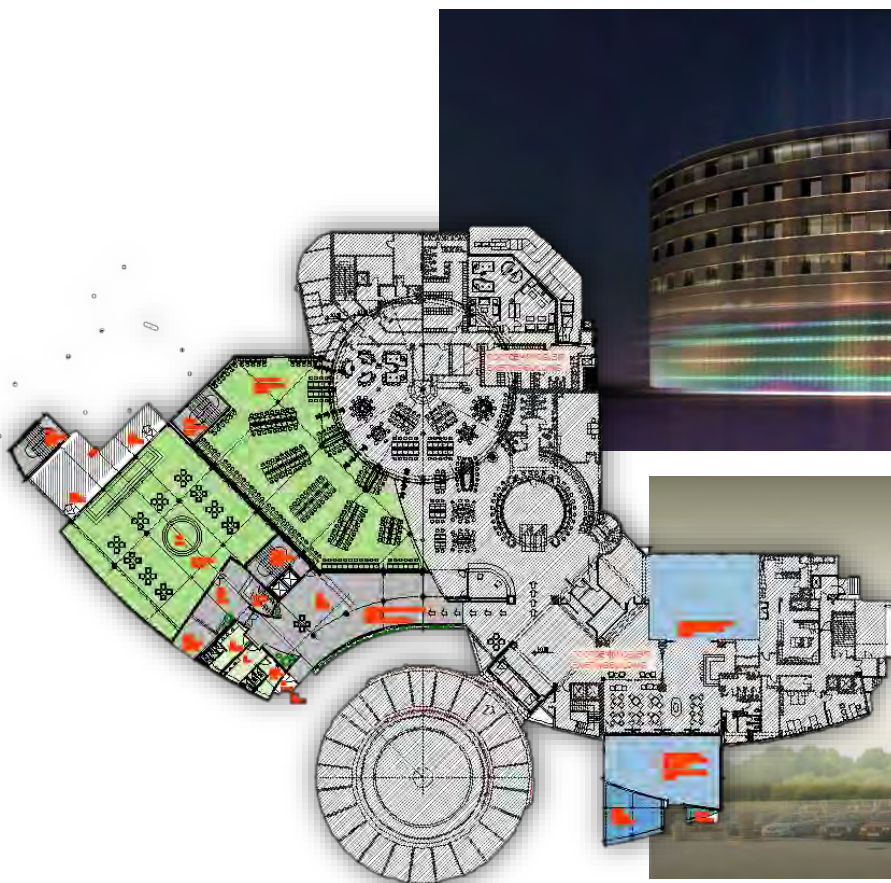
investor: PELISTER Bitola

Residential, business, catering and hotel exclusive complex in Petrovac, Skopje, total area: 17,000m<sup>2</sup>

projects



residential buildings

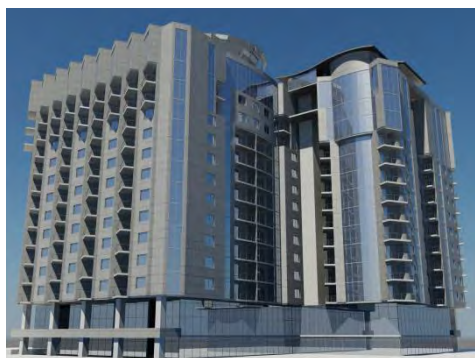


investor: Hotel Flamingo

Conceptual design with site and building future development analysis and cost estimates for extension to Hotel Flamingo, Gevgelija, total area: 10,000m<sup>2</sup>

projects

residential buildings



investor: ENREZZO shpka Durres

Residential, business, catering and hotel building in Durres, Albania,  
levels: 16, area: 30,000m<sup>2</sup>

projects

investor: private, public, state

## BRIEF LIST OF PERFORMED SUPERVISION SERVICES

| Date from - Date to        | Location                        | Description   | Levels | area (m <sup>2</sup> ) |
|----------------------------|---------------------------------|---|--------|------------------------|
| <b>Supervision</b>         |                                 |   |        |                        |
| 2014 - 2017                | Resen, Macedonia                | Apple storage and processing plant for 5000 tons near Resen, Macedonia<br>Client: Shafa construction, Dubai - Apple Land doo, Macedonia   |        | 5.800                  |
| 2013- 2017                 | Prilep, Macedonia               | European Aid /134753/D/SER/MK<br>Supervision of the construction works for rehabilitation and extension of sewerage network in Prilep (II phase), Republic of Macedonia<br>IVANOV Engineer in Consortium led by IGIP GmbH |        |                        |
| January 2012 - 2013        | Bitola, Macedonia               | Supervision for automobile cable harness production plant in the Industrial Zone Zabeni<br>Client: Kromberg&Schubert Macedonia  | 2      | 24,000                 |
| August 2011 – 2013         | Bitola, Macedonia               | Supervision of the construction of the main electrical substation for the Industrial Zone Zabeni<br>Client: EVN Macedonia   |        |                        |
| March 2011 – December 2011 | Slatino, Macedonia              | Supervision of mini hydro electric plant<br>Client: Feroinvest, Skopje  |        |                        |
| Jun 2009 - Sep 2010        | v. Dragozani, Bitola, Macedonia | Design supervision for complex for processing and storage of tobacco-administrative building with cloak rooms, restaurant and industrial kitchen<br>Client: Sokomak AD Bitola, Macedonia                                  | 1      | 3,000                  |
| May 2008 - 2014            | Macedonia                       | Design supervision for the World Bank through the Ministry of Health of Macedonia – reconstruction and rehabilitation of Health facilities in Macedonia   |        |                        |
|                            | Ohrid                           | General Hospital in Ohrid   | 1B+3   | 4,000                  |
|                            | Skopje                          | Clinic for Cardiology in Clinical Complex, Skopje   | 1B+4   | 1,800                  |
|                            | Skopje                          | Special hospital for gynaecology and obstetrics Cair  | 1B+2   | 5,000                  |
|                            | Skopje                          | Special hospital for surgery Sv. Naum Ohridski  | 1B+4   | 10,000                 |
|                            | Skopje                          | Republic transfusiology department  | 3      | 1,200                  |
|                            | Skopje                          | Health home Idadija   | 4      | 600                    |
|                            | Struga                          | General Hospital in Struga  | 4      | 2,100                  |
|                            | Gevgelija                       | General hospital in Gevgelija   | 2      | 3,000                  |
|                            | Prilep                          | Health home in Prilep   | 3      | 4,000                  |
| May/Aug. 2006              | Macedonia                       | Supervision for the World Bank through the Ministry of Health of Macedonia - reconstruction of Health facilities in Macedonia   |        |                        |





# environmental engineering



**investor:** EAR, CARDS, USAID and private investors

**building:** BRIEF LIST OF WWTP

## (Waste Water Treatment Plants)

| Date from<br>- Date to | Location   | Description   |  |  |
|------------------------|--|---|--|--|
|                        |  | <b>Environmental Engineering</b>  |  |  |
| 2007                   | Macedonia  | Waste water treatment plant for domestic water in v. Debresta,<br>, Client: EAR   |  |  |
| 2007                   | v.<br>Kutretino<br>and v.<br>Suvodol,<br>Macedonia | Waste water treatment plant for domestic water in v. Kutretino,<br>Demir Hisar with sewage network branch, Client: Municipality of<br>Demir Hisar |  |  |
| 2006                   | Macedonia  | Waste water treatment plant for domestic water in v. Sopotnica,<br>Demir Hisar, Client: EAR,  |  |  |
| 2006                   | Macedonia  | Waste water treatment plant for domestic water in v.<br>Kukuracani, Bitola, Client: EAR,  |  |  |
| 2006                   | Macedonia  | Waste water treatment plant for domestic water in v. Mogila,<br>Bitola with sewage network branch, Client: Municipality of<br>Mogila              |  |  |
| 2005-2006              | Macedonia  | Waste water treatment plant for domestic water in v.<br>Bogorodica, Gevgelija, Client: EAR,   |  |  |
| 2005-2006              | Macedonia  | Waste water treatment plant for domestic water in v. Petralica<br>and v. Ginovce, Rankovce, Client: EAR,  |  |  |
| 2005                   | Macedonia  | Waste water treatment plant for domestic water in v. Ratavica,<br>Zletovo, Client: EAR  |  |  |
| 2004                   | Macedonia  | Waste water treatment plant for domestic water in v. Lera,<br>Bitola, Client: EAR   |  |  |
| 2004                   | Macedonia  | Waste water treatment plant for domestic water in v. Dolenci,<br>Bitola, Client: EAR  |  |  |

**projects**

## environmental engineering

investor: EAR, CARDS, USAID, MUNICIPALITIES, PRIVATE INVESTORS

project: WATER AND SEWAGE SYSTEMS

### rendered services

- feasibility study
- design with technology
- contracting
- supervision
- environmental protection
- maintenance

### building

- design for sewage network for v. Dolna i Gorna Bela Crkva, Resen
- design for water pipeline to Dept. for Rehabilitation, v. Otesevo, Resen
- project for water supply to rural areas
- sewage arm 1 for v. Sirkovo, Rosoman
- design for reconstruction of water supply network in v. Gorno Aglarci, Dolno Aglarci, Dalbegovci, Novaci
- design for sewage for v. Ljubojno, Resen

projects

investor: EAR, CARDS, USAID, MUNICIPALITIES, PRIVATE INVESTORS

project: WATER AND SEWAGE SYSTEMS

## rendered services

- feasibility study
- design with technology
- contracting
- supervision
- environmental protection
- maintenance

## building

- audit of the project for water supply to rural villages
- audit of the design for sewage for v. Sloestica, Demir Hisar
- audit of the design for improving the water supply to the town of Krusevo
- supervision of sewage network construction in v. Ljubojno, Resen
- supervision of the construction of 50m<sup>3</sup> tank in v. Pribilci and pump station in v. Sladuevo

projects



## environmental engineering



**investor:** EAR, CARDS, USAID and private investors

**building:** WWTP

**(Waste Water Treatment Plants)**

### rendered services

- feasibility study
- design with technology
- contracting (turn-key)
- environmental protection
- environmental protection level according to EU directives
- maintenance

### building

- LERA
- DOLENCI
- ZLETOVO
- PETRALICA
- BOGORODICA
- KUKUREGANI
- MOGILA
- SOPOTNICA
- KUTRETINO
- DEBRESTA
- FRIDER DAIRY SKOPJE
- PIG FARM TETOVO

**projects**



## environmental engineering



**investor:** EAR, CARDS, USAID and private investors

**building:** WTP

**(Water Treatment Plants)**

### rendered services

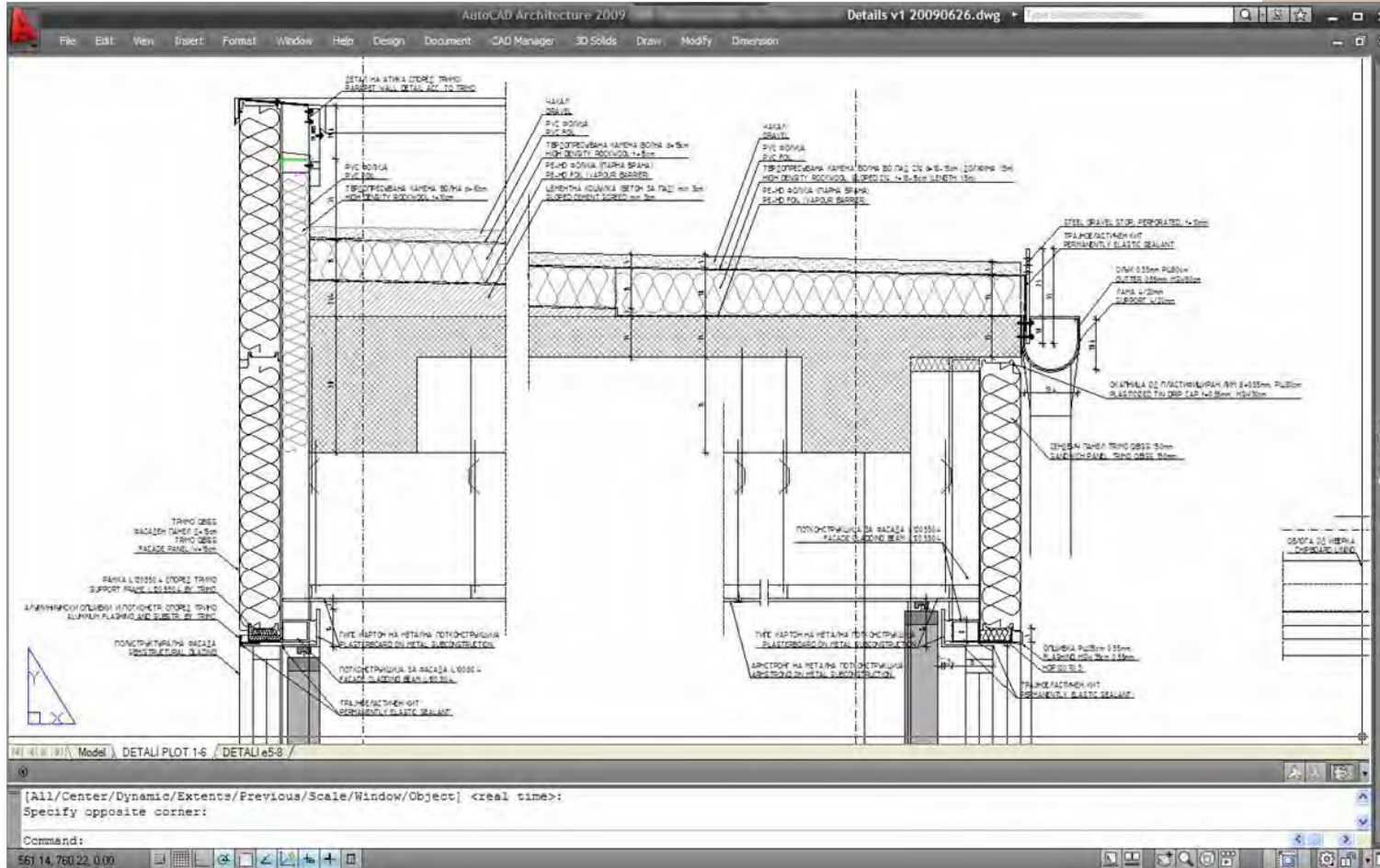
- CONSULTANCY SERVICES
- FEASIBILITY STUDIES
- DESIGN
- ENGINEERING
- CONTRACTING
- MAINTENANCE

### building

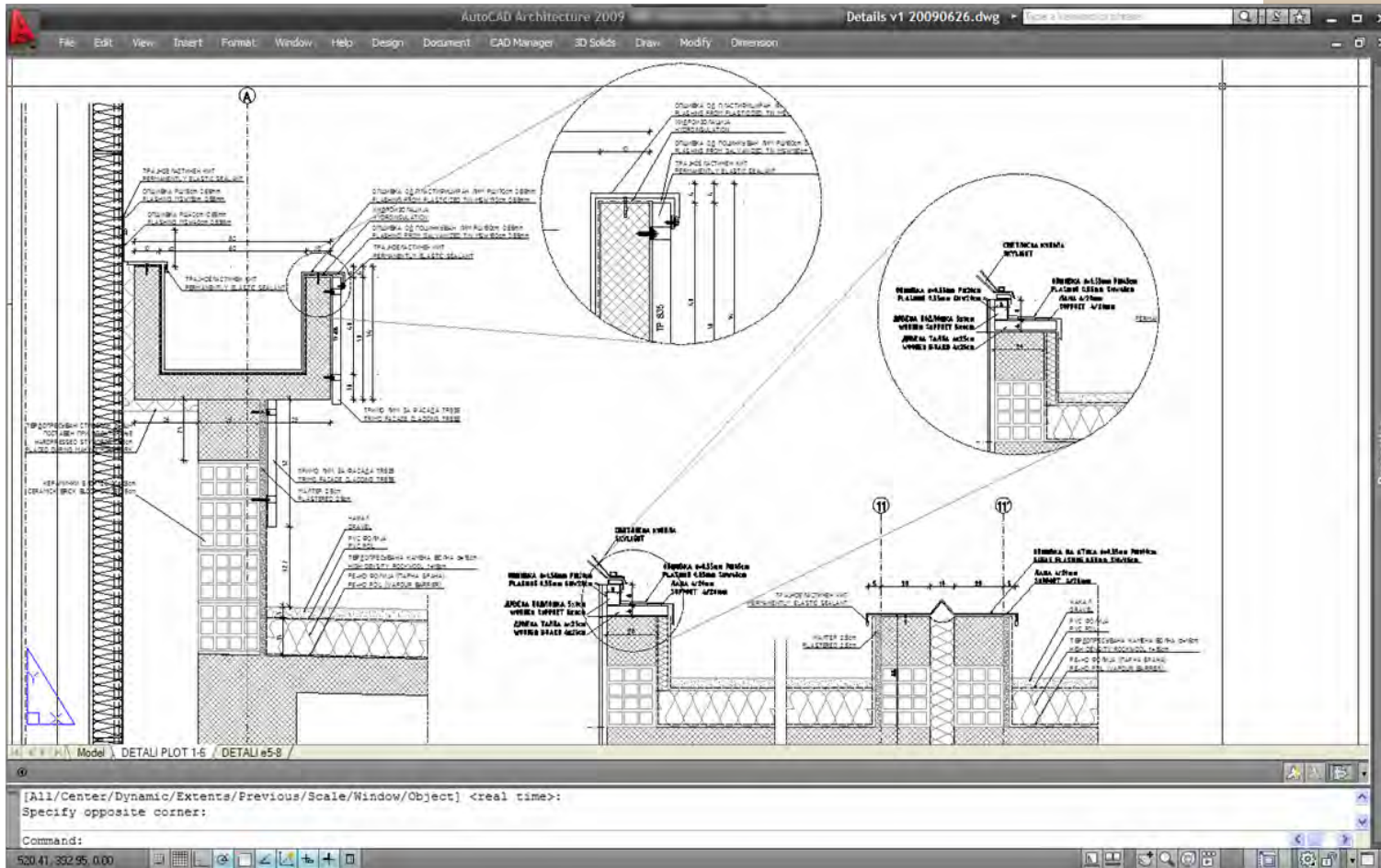
- WATER TREATMENT PLANT
- WATER TANK

**projects**

architectural details

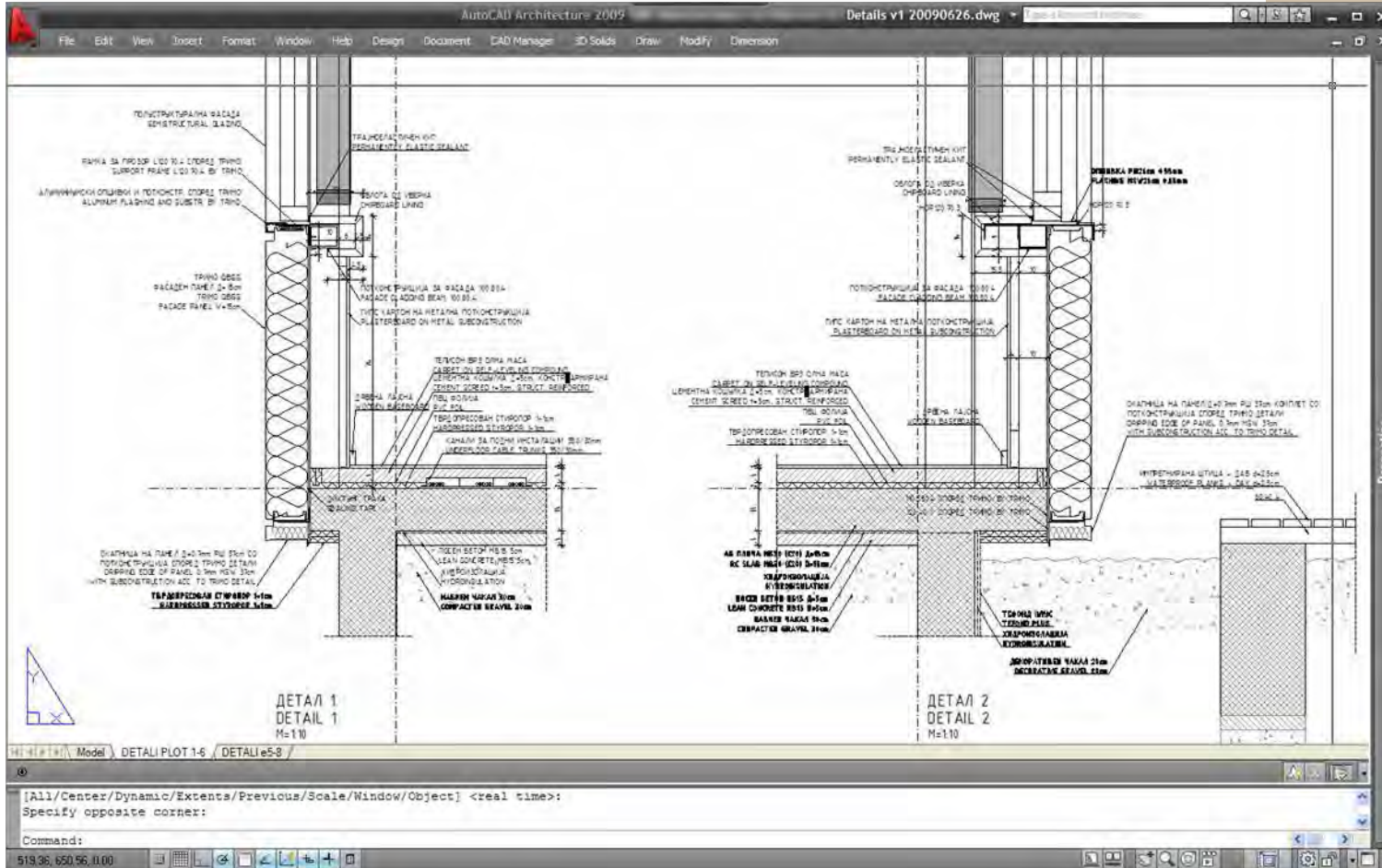


# architectural details



examples

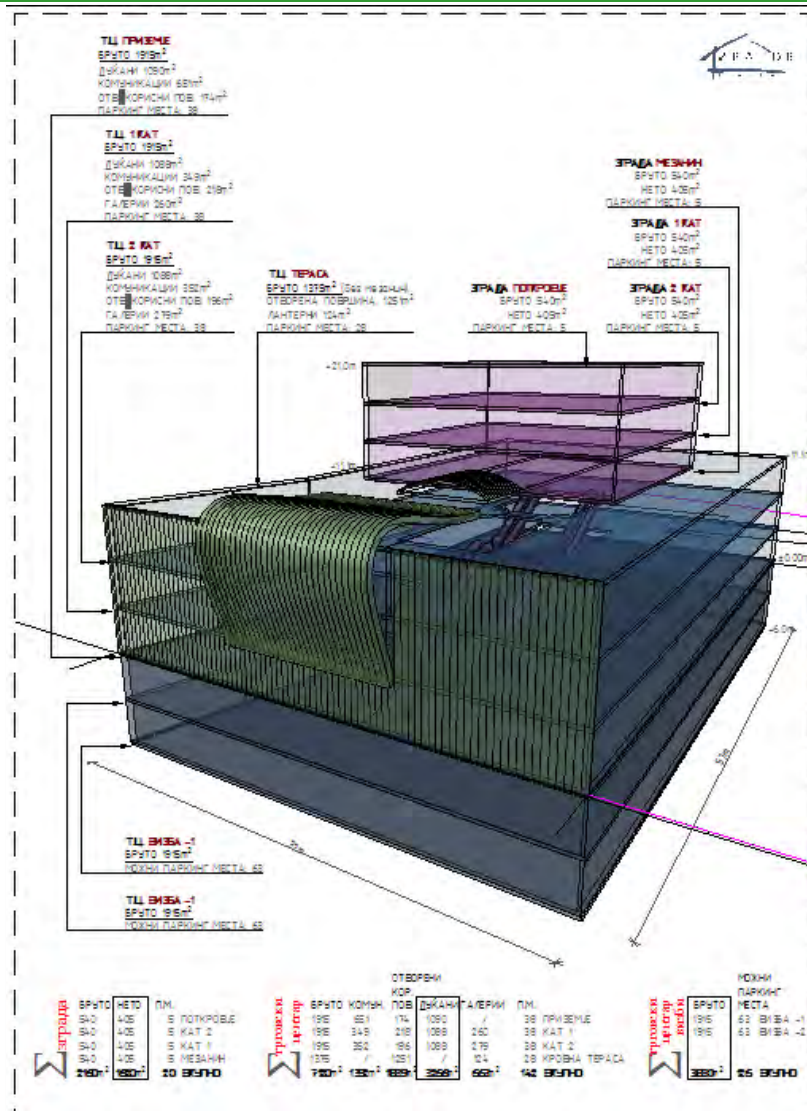
# architectural details



examples



# building infographics



examples

## “key item” presentation

REGIONAL CENTER FOR SUSTAINABLE DEVELOPMENT

APPLIED ENERGY SAVING MEASURES 06

### APPLIED CONSTRUCTION FOR ENERGY SAVING

1. “SUPER-INSULATION” OF ROOF, FACADE AND SLAB ON GRADE ( $k=0.112-0.135W/m^2K$ )
2. ANNULLING “THERMAL BRIDGES”
3. USE OF TRIPLE GLAZED WINDOWS ( $k=0.6-0.8W/m^2K$ )
4. PLACING SUN-GUARDS (BRISE SOLEIL) ON SOUTH FACADE
5. OPTION FOR INSTALLATION OF SURFACE HEATING/COOLING SYSTEMS FOR ALL SPACES

### APPLIED ELECTROTECHNICAL SAVING MEASURES

1. USE OF HIGH-EFFICIENT LIGHTING FIXTURES (LED LIGHTS)
2. OPTION TO INSTALL PHOTO-VOLTAIC PANELS ON ROOF/ADJECENT TO BUILDING

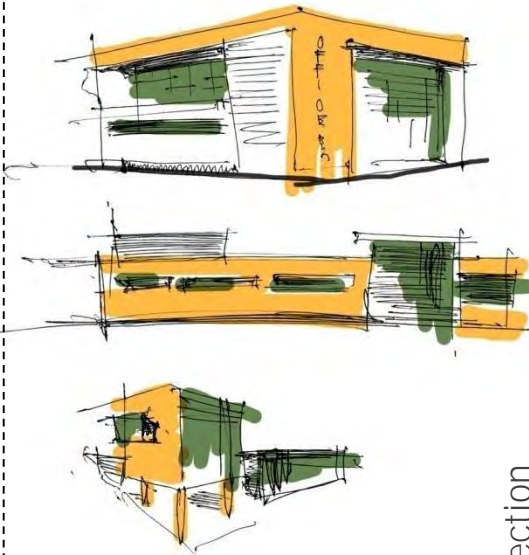
### APPLIED THERMOTECNICAL SAVING MEASURES

1. USE OF RECUPERATOR FOR ROOM VENTILATION
2. USE OF SOLAR COLLECTORS FOR SANITARY HOT WATER
3. OPTION FOR INSTALLATION OF GEO-THERMAL PUMPS
4. OPTION FOR INSTALLATION OF AWADUKT



examples

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e  
s  
e  
a  
r  
c  
h



several conceptual  
variant designs

selection

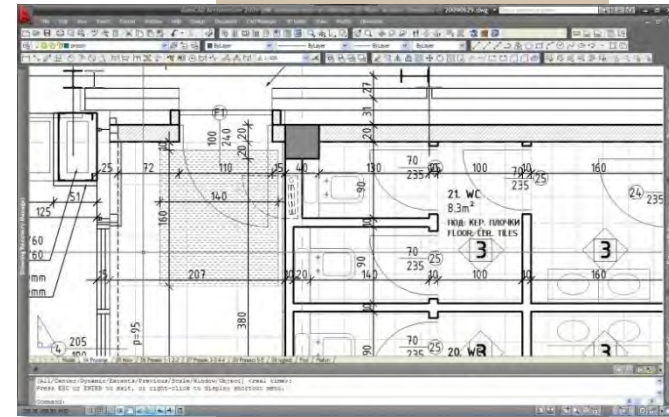


visuelisation and  
presentation of selected  
variants to the client

investor decision



design for construction and  
project implementation



examples

# bill of quantities with cost estimates

| ПРЕДМЕР  |  |         |          |          |        |
|--|--|---------|----------|----------|--------|
| објект: индустриски комплекс   |  |         |          |          |        |
| 10.1   | 4 СИДАРСКИ РАБОТИ  | ед.мера | количина | ед. цена | вкупно |
| Напомена: Сите позиции вклучуваат набавка, транспорт и вградување на материјалот, потребна оплата и скеле  |  |         |          |          |        |
| 10.1   | 4.1 Сидање на парапет-атика од блок 20/25/25 d=20cm во продолжен малтер, со изведба на вертикални либажни слоеви и завршна бетонска капа, армирани со 4Ø10, узенгии Ø6/20cm. Висина до 2.2м. Детал 3 и 3А. |         |          |          |        |
| Вертикалните либажни слоеви кај што има пробив - врска меѓу лежечки и вертикален олук се изведува со ширина од 1,1м, се армира двострано со R84 според детал |  |         |          |          |        |
| Напомена: Атиката во модул 6-11 и 11'-15 на која директно се прицврстува   |  |         |          |          |        |

| фасадниот отстапува производи (Отстапка Модул 1-6 =18*1.25+16.2*2.05) Модул 6'-11 =22*2*3.2+(18+2+18+22)*1.4) Модул 11'-15 =20*2.2+(2*16+23)*1.3) Вкупно 4.1  |     | BILL OF QUANTITIES<br>building: Industrial complex  |    | unit | quantity | unit price | total |
|---|-----|---|----|------|----------|------------|-------|
| 10.1  | 4   | MASONRY WORKS   |    |      |          |            |       |
| Note: All positions include supply, transport and installation of the material, formwork and scaffolding  |     |   |    |      |          |            |       |
| 10.1  | 4.1 | Bricklaying of parapet wall - fascia from block brick 20/25/25 d=20cm in compo plaster, with vertical RC posts and RC cap, reinforced with 4Ø10, binders Ø6/20cm. H=2.2m. |    |      |          |            |       |
| The vertical posts at gutter penetrations (connection horizontal-vertical gutter) have a width of 1,1m, and are double reinforced with 2R84, according to detail 3 and 3A   |     |   |    |      |          |            |       |
| Note: The fascia in module 6-11 and 11'-15 on which the facade panel is directly fastened (at the posts) should be made with minimal vertical and horizontal deviations acc. to recommendations by the manufacturer of the panel. |     |   |    |      |          |            |       |
| (Deviation max 9mm at 5m)   |     |   |    |      |          |            |       |
| Module 1-6  |     |   |    |      |          |            |       |
|   |     | =18*1.25+16.2*2.05)*0.2   | m³ | 11.1 | 72.50    | 807.8      |       |
| Module 6'-11  |     |   |    |      |          |            |       |
|   |     | =22*2*3.2+(18+2+18+22)*1.4)*0.2   | m³ | 45.0 | 72.50    | 3,259.6    |       |
| Module 11'-15   |     |   |    |      |          |            |       |
|   |     | =20*2.2+(2*16+23)*1.3)*0.2  | m³ | 23.1 | 72.50    | 1,674.8    |       |
| Total 4.1   |     |   |    |      |          |            |       |
|   |     |   | m³ | 79.2 |          |            |       |

macedonian

english

## 10.1 MASONRY WORKS

### 10.1.1 GENERAL

Scope:

- Partition walls shall be made of perforated ceramic brick with dim. 12/20/25 mortar 1:2:6;
- Partition walls shall be made with perforated ceramic brick with dim. 20/20/ mortar 1:2:6;
- facade walls shall be made with perforated ceramic brick with dimensions 20/20/ extended mortar 1:2:6;

technical specifications

examples



Понуда бр. 518/2007

Датум 21.05.2007

Проект бр:

|                             |                              |               |  |
|-----------------------------|------------------------------|---------------|--|
| До:                         |                              | Проект бр:    |  |
| <b>Податоци за клиентот</b> |                              |               |  |
| Назив:                      | Иванов Инженеринг            | Примил:       |  |
| Адреса:                     | ул.Борис Кидрич 12/16 Битола | Датум:        |  |
| Пошт.код:                   | 7000                         | Прифатил:     |  |
| Пошт.Фак:                   |                              | Датум:        |  |
| Тел:                        | 047 203020                   | Комитент бр.: |  |
| Факс:                       | 047 203020                   | Жиро сметка:  |  |
| E-mail:                     | ivanoveng@mt.net.mk          | Даночен број: |  |
| Web:                        |                              | Контакт лице: |  |

contracting



1. Quotations

2. Price comparison

Опис:

ПРЕДМЕР ПРЕСМЕТКА

ИНСТАЛАЦИЈА ЗА ГРЕЕЊЕ НА САНИТАРНА ВОДА СО ПОМОШ НА СОНЧЕВАТА ЕНЕРГИЈА

| ИЗВЕДУВАЧИ    |   | 1              |          | 2         |                   | 3         |                   | 4         |                 | 5         |                 |                   |
|---------------|---|----------------|----------|-----------|-------------------|-----------|-------------------|-----------|-----------------|-----------|-----------------|-------------------|
| Бр.           | Вид на опрема – материјал   | Ед. мера       | Количина | Цена      | Вкупно            | Цена      | Вкупно            | Цена      | Вкупно          | Цена      | Вкупно          |                   |
| 1             | Сончев колектор од 2 м <sup>2</sup> со селективен премаз (тинокс)   | Парч.          | 4        | 8,800.00  | 35,200.00         | 13,300.00 | 53,200.00         | 15,965.40 | 880.00          | 12,200.00 | 796.00          | 48,954.00         |
| 2             | Комбиниран бојлер од инокс со капацитет 200 л, со 2 бакарни изменувачи, електричен грејач 2 x 2 kW и електрична инсталација | Парч.          | 1        | 51,000.00 | 51,000.00         | 63,450.00 | 63,450.00         | 55,153.20 | 760.00          | 5,300.00  | 600.00          | 36,900.00         |
| 3             | Центрифугална пумпа со проток од 2 м <sup>3</sup> /h и притисок 12 m<br>Wilo Star ST 20/11 или слична                       | Парч.          | 1        | 5,200.00  | 5,200.00          | 4,185.00  | 4,185.00          | 5,515.32  | 76.00           | 0.00      | 0.00            | 4,185.00          |
| 4             | Експанзионен сад со волумен од 12 л   | Парч.          | 1        | 1,200.00  | 1,200.00          | 1,242.00  | 1,242.00          | 14.50     | 14.50           | 1,230.00  | 20.00           | 1,052.27          |
| 5             | Бакарна цевка ф 20  | м <sup>1</sup> | 40       | 295.00    | 11,800.00         | 10,620.00 | 10,620.00         | 308.42    | 170.00          | 0.00      | 0.00            | 10,620.00         |
| 6             | Фазонски елементи (колена, Т-рачви, месингани редуцири, споен материјал)  | 40 % од поз.5  |          | 11,800.00 | 4,720.00          | 4,248.00  | 4,248.00          | 12,336.90 | 68.00           | 0.00      | 0.00            | 4,248.00          |
| <b>Вкупно</b> |   |                |          |           | <b>109,120.00</b> |           | <b>136,945.00</b> |           | <b>1,968.50</b> |           | <b>1,416.00</b> | <b>105,959.27</b> |

**ДОГОВОР ЗА ГРАДЕЊЕ**

Склучен помеѓу :

Инвеститор **Д.О.О.Е.Л. Сашко**, ул.Радничка № 21, Ст. Битола  
 претставуван од **Сашко**, управител на друштво од една страна како изведувач на работите кои што с (во натамошниот текст: прва страна или Изведувач,)

и

Иванов инженеринг д.о.о.е.л.  
 претставуван од **Иванов Сашко**, управител на друштво од друга страна како изведувач на работите (во натамошниот текст: втора страна или Инвеститор,

**Предмет на договорот :**

Член 1

**А.** Набавка на материјал, изработка, транспорт и монтажа димензии земени на лице место од страна на Изведувачот, и медијанпан, алуминиумско цокле, алуминиумски вратнички, пескарите договорени механизми и додатоци.

**Б.** Набавка на материјал, изработка, транспорт и монтажа

3. Contract

examples