

QUINTUS DESIGN

CAPABILITY STATEMENT

www.quintus-design.com



ABOUT US

Quintus Design is a distinguished architectural firm established in Budapest, specializing in delivering comprehensive design services tailored for property developers and real estate investment companies across Europe. Additionally, we provide outsourcing services to the Middle East. Our firm is built on the extensive international experience of our leadership team, who have a profound background in the UK, UAE, and European markets. At Quintus Design, we commit to the highest standards in our services, integrating global best practices into every project.

We dedicate ourselves to crafting high-quality, sustainable, and inclusive environments designed to benefit both present and future generations. Our team is skilled in advanced construction technologies and sustainability practices, enabling us to address complex challenges with innovative solutions that not only meet but surpass our clients' expectations.

Our passion for excellence is evident in every project as we strive to construct vibrant buildings and spaces that enhance communities and protect the natural environment. We take pride in our ability to complete projects on schedule and within budget while maintaining top quality standards and achieving complete client satisfaction.

At Quintus Design, we continuously pursue excellence. We are driven not by our past achievements but by a commitment to ongoing experimentation, innovation, and refinement in our delivery methods to ensure the best outcomes for our clients.



WHY CHOOSE QUINTUS DESIGN?

As one of the innovative architectural consultancy firms, Quintus Design is ideally located in the vibrant heart of Budapest - a city that perfectly blends ancient heritage with modern innovation.

At Quintus Design, we are experts in turning ambitious visions into tangible structures. Whether it's transforming initial sketches into towering skyscrapers, crafting intricate doodles into luxurious residential complexes, or evolving simple ideas into celebrated landmarks, our team is dedicated to realizing architectural marvels.

We believe that architecture is more than just constructing buildings; it's about creating enduring symbols of human creativity and resilience. Our designs are meant to inspire, challenge, and withstand the rigors of time, serving not just current needs but also fostering future possibilities.

Are you ready to make a significant impact with your next project? Whether you're aiming to outshine competitors or envisioning a space that captures the imagination of generations to come, Quintus Design is your ideal partner.

Connect with us today to begin a transformative journey in architecture. Together, we will explore and expand the boundaries of what's possible.

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VALUE PROPOSITION

It is worthwhile to consider the expertise and professionalism of Hungarian architects and engineers educated at Hungary's most prestigious engineering university (BME - Budapest University of Technology and Economics). These professionals are renowned for their rigorous training and innovative approaches, ensuring top-notch services in architecture, engineering, and Building Information Modeling (BIM).

We aspire to build dedicated teams tailored to support your organization's outsourcing and business partnership needs. By establishing these teams in Hungary, we offer cost-efficient solutions while fostering highly motivated groups focused on meeting your specific architectural, engineering, and BIM requirements.

We would welcome the opportunity to discuss how we can support your endeavors according to this proposition. Let's explore how our dedicated teams can contribute to the success of your projects through innovative solutions and strategic partnerships.

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SECTORS

Urban Renewal and Revitalization

Comprehensive design services dedicated to transforming urban areas and historical districts into vibrant, functional, and sustainable environments. Our approach enhances community life, supports local economies, and preserves the unique cultural and architectural heritage of each site.

Residential Architecture

Designing contemporary homes, multi-residential developments, and community-focused living environments that combine comfort, functionality, and architectural character. Each project is tailored to its context, integrating smart spatial planning, natural light, and sustainable building principles to elevate everyday living.

Commercial Architecture

Delivering innovative design solutions for offices, business centers, and mixed-use developments that strengthen brand identity and create engaging user experiences. Our commercial projects emphasize flexibility, efficient circulation, and long-term value, contributing to dynamic and resilient business environments.

Retail Architecture

Creating compelling retail spaces that enhance customer experience and commercial performance. From boutique stores to large-scale shopping destinations, our retail designs focus on spatial clarity, brand storytelling, and operational efficiency.

Hospitality and Leisure Architecture

Designing distinctive hotels, resorts, and leisure destinations that capture the essence of place, culture, and experience. Our hospitality projects balance spatial elegance with operational excellence to provide memorable guest experiences and support the growth of the tourism and entertainment sectors.



SERVICES

Quintus Design offers a unique architectural journey, delivering more than just structures—we create experiences that challenge and expand the boundaries of traditional architecture. Our services encompass a range of visionary solutions that extend beyond mere physical spaces into new realms of innovation and possibility.

- Architectural Design: We specialize in creating architectural masterpieces that not only challenge structural norms but also exceed client expectations in unique and captivating ways.
- Design Coordination: Our approach to coordination is meticulous and precise, akin to orchestrating a symphony. Each project, with its array of complex elements, is managed to achieve cohesion and seamless integration, much like harmonizing a group of expert musicians.
- Design Management: We handle each project with the precision of a Swiss watchmaker, ensuring that every phase of the design process is meticulously planned and executed. Our timelines are carefully managed to balance creativity with efficiency, ensuring timely delivery without compromising on the innovative essence of our designs.
- BIM (Building Information Modelling): Our BIM services are at the forefront of technology, facilitating the creation of buildings that are not only optimized for current standards but are also future-ready. This advanced approach allows for a comprehensive visualization and management of buildings from inception to completion, across multiple realities.
- Master Planning and Urban Design: We offer extensive master planning services for large-scale urban developments, focusing on sustainable growth, community integration, and long-term economic viability. Our designs consider the broader context of the environment and its future impact.
- Retail and Mixed-Use Developments: We design retail and mixed-use spaces that are innovative and tailored to the specific needs of the community. These developments seamlessly integrate shopping, dining, entertainment, and residential functions, catering to the dynamic lifestyles of their users.

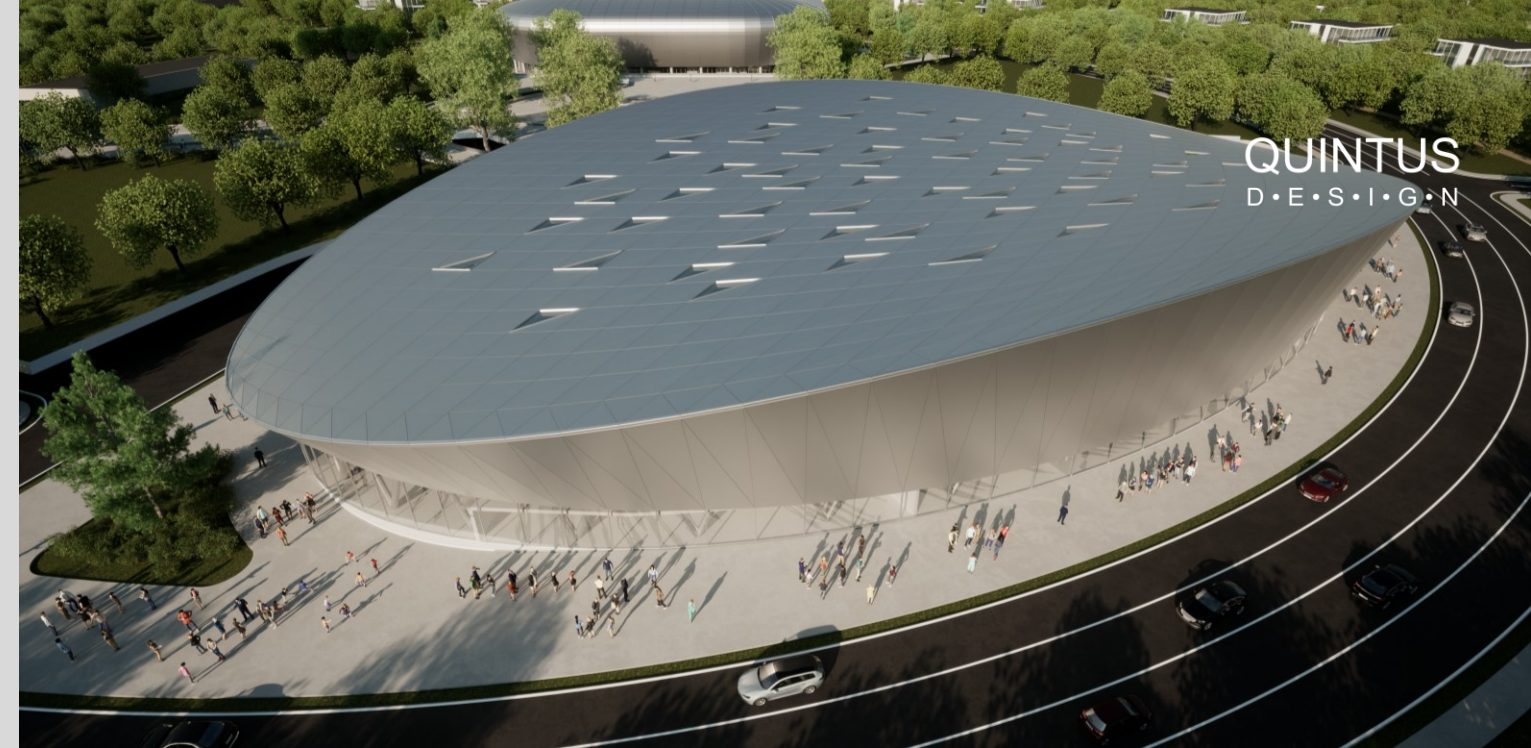
Through these services, Quintus Design not only constructs buildings but also crafts environments that resonate deeply with users and communities, ensuring every project is a landmark in its own right.



ARCHITECTURAL DESIGN

Our architectural design services are at the core of what we do, combining innovative design with technical proficiency to create spaces that are both aesthetically pleasing and highly functional. Our approach is tailored to meet the unique needs and visions of our clients, ensuring that each project not only meets but exceeds expectations. Here's a detailed look at how we approach architectural design and the key aspects that define our services.

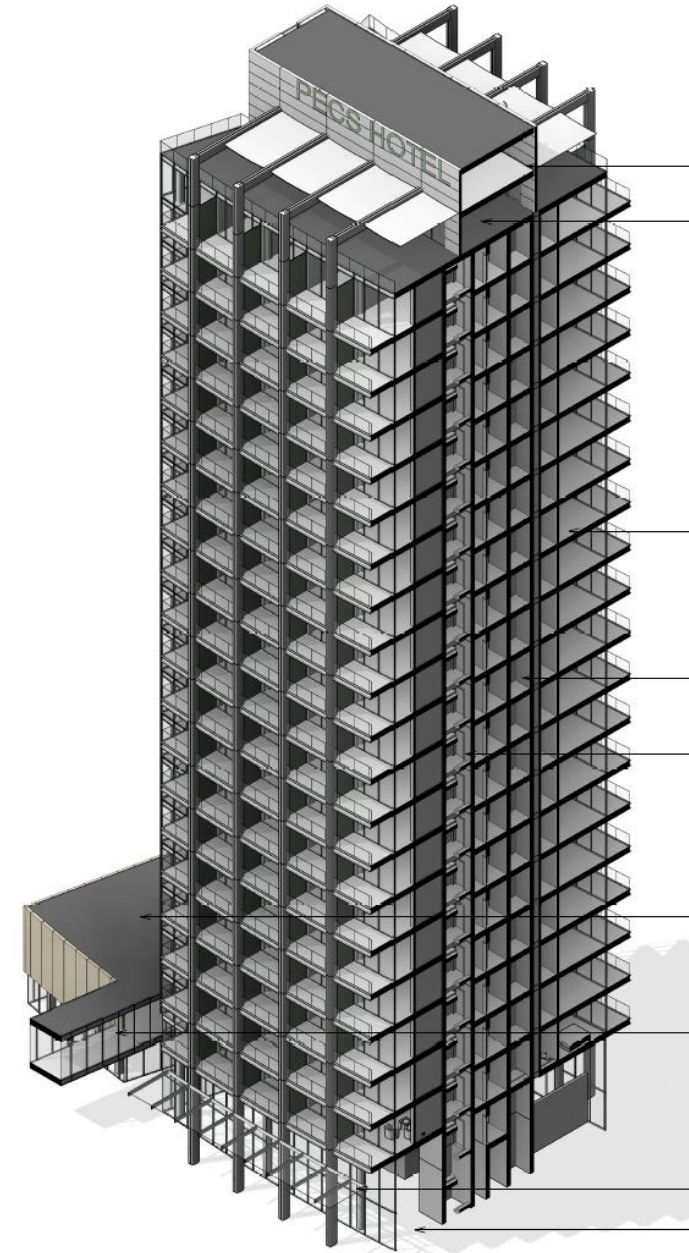
- **Client-Centric Design Process:** At the heart of our architectural design services is a deep commitment to understanding and fulfilling the specific needs and aspirations of our clients. We begin each project with a thorough consultation to capture the client's vision, preferences, and functional requirements. This collaborative approach ensures that our designs are customized to reflect each client's unique style and objectives.
- **Sustainable and Smart Design Solutions:** Quintus Design is committed to sustainability and the integration of smart technologies in our designs. We focus on creating buildings that are not only environmentally friendly but also equipped with the latest in smart technology to enhance comfort, efficiency, and the overall user experience.
- **Concept Development:** Our design process starts with the creation of innovative and feasible concepts. This stage involves brainstorming sessions, preliminary sketches, and digital renderings that explore various design possibilities. Our team uses creative thinking and strategic planning to develop concepts that are both visionary and aligned with practical realities.
- **Design Development:** After the initial concepts are approved, we refine them into detailed designs that address all aspects of the architectural project. This phase includes the development of detailed drawings and specifications that will guide the construction process. During design development, we pay meticulous attention to material selection, structural solutions, and integration of mechanical, electrical, and plumbing systems.
- **Technical Documentation:** The creation of comprehensive construction documents is critical to the successful realization of any project. Our technical documentation includes all necessary drawings, details, and specifications required for accurate bidding, permitting, and construction. These documents are precise and tailored to meet local regulations and building codes.
- **3D Modeling and Visualization:** We employ advanced 3D modeling and visualization techniques to bring our architectural designs to life before construction begins. This not only helps our clients visualize the final product but also allows for adjustments and refinements in the design phase, saving time and resources during construction.



BUILDING INFORMATION MODELLING

In the rapidly evolving world of architecture and construction, Building Information Modeling (BIM) has become an indispensable tool. At Quintus Design, we recognize the transformative impact of BIM on the industry. Our dedicated BIM support services are tailored to elevate projects from concept through completion, offering our clients and partners in the UAE and Saudi Arabia a comprehensive, collaborative, and technologically advanced approach to architectural design and construction management.

- **Integration of Cutting-Edge Technology:** Quintus Design harnesses the latest in BIM software and technologies to create detailed, highly accurate 3D models. These models provide a virtual representation of the physical and functional characteristics of a space, allowing all stakeholders to visualize the project in a simulated environment before any real-world execution begins.
- **Collaboration Across Disciplines:** BIM facilitates a highly collaborative environment. By integrating BIM into our services, Quintus Design ensures that architects, engineers, contractors, and clients can work together more effectively. Changes to designs are updated in real-time, ensuring everyone has access to the most current information, reducing conflicts and rework.
- **Enhanced Design Analysis and Simulation:** BIM allows for more than just visualizing designs in three dimensions. At Quintus Design, we use BIM to simulate various scenarios and analyze building performance over its entire lifecycle. This includes sun path analysis, energy modeling, and predicting how building materials will interact with the environment. This approach leads to more sustainable, efficient, and cost-effective projects.
- **Streamlined Project Management:** With BIM, project management becomes more streamlined. Scheduling (4D BIM) and cost estimation (5D BIM) are integrated into the project workflow, enhancing the efficiency of the construction phase. Our BIM support services help manage timelines and budgets more effectively, ensuring projects are delivered on schedule and within cost constraints.

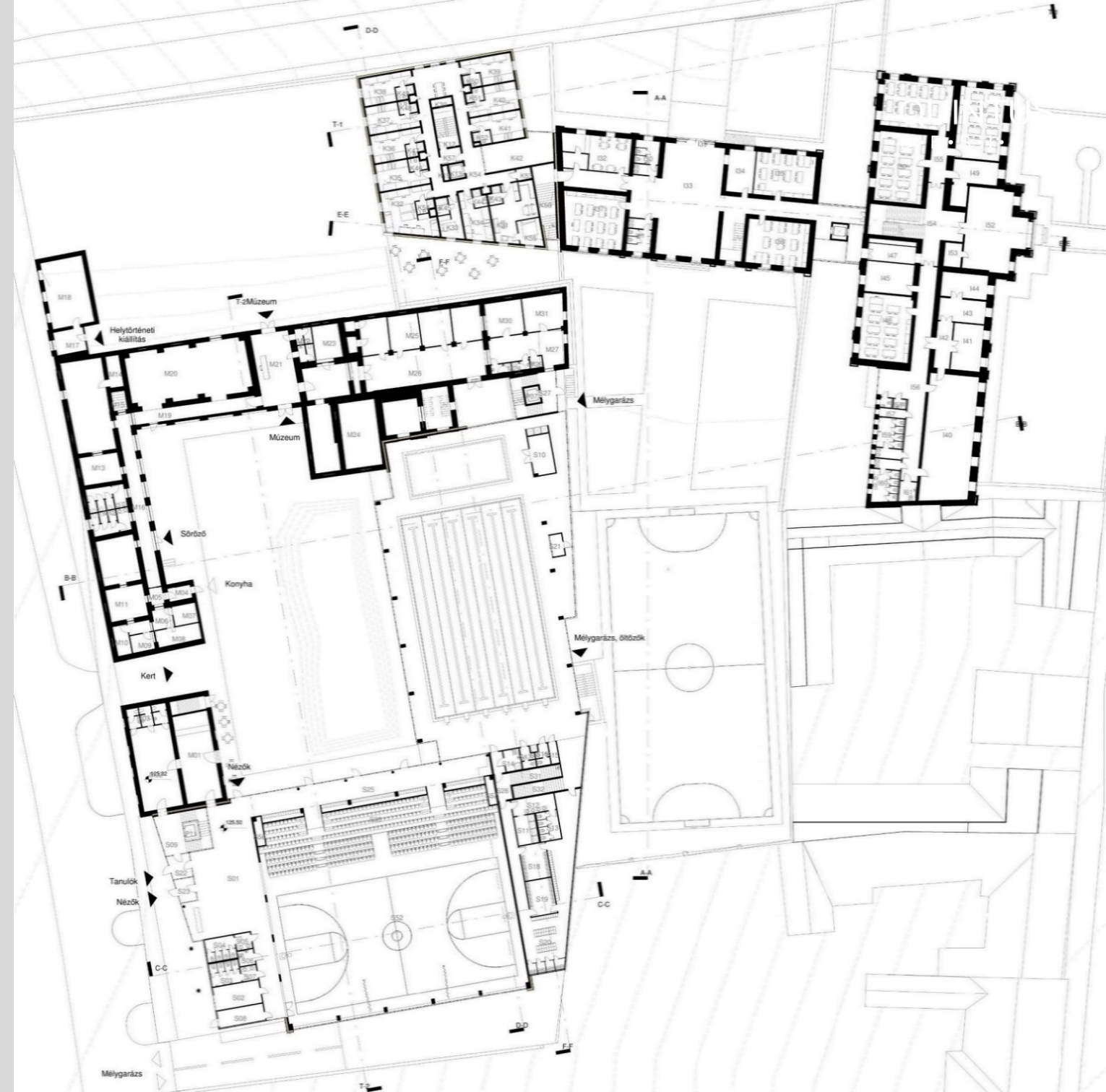


ARCHITECTURAL DRAWINGS

These services are crucial in transforming initial concepts into clear and actionable construction documents. Quintus Design offers a comprehensive suite of drawing and drafting services tailored to meet the needs of diverse projects, ranging from residential buildings to large-scale commercial developments.

Services Offered

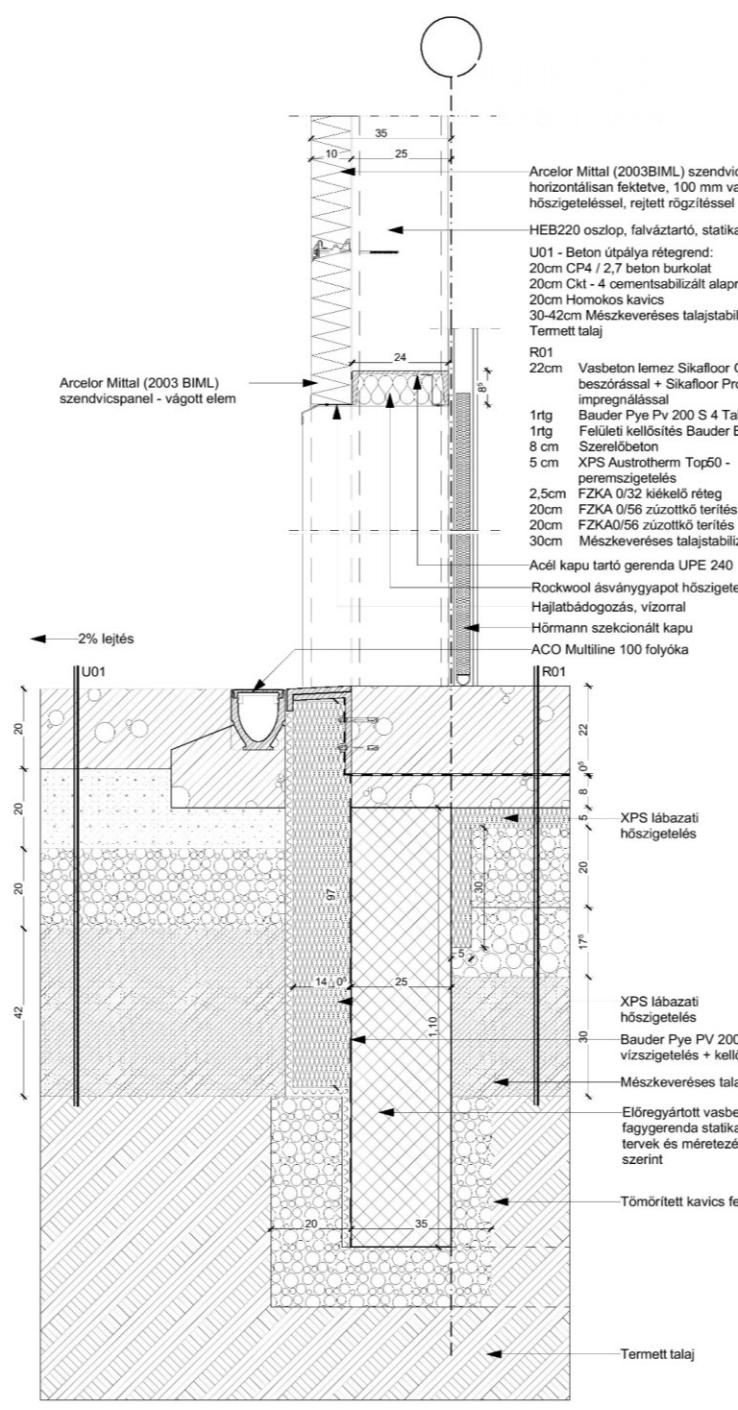
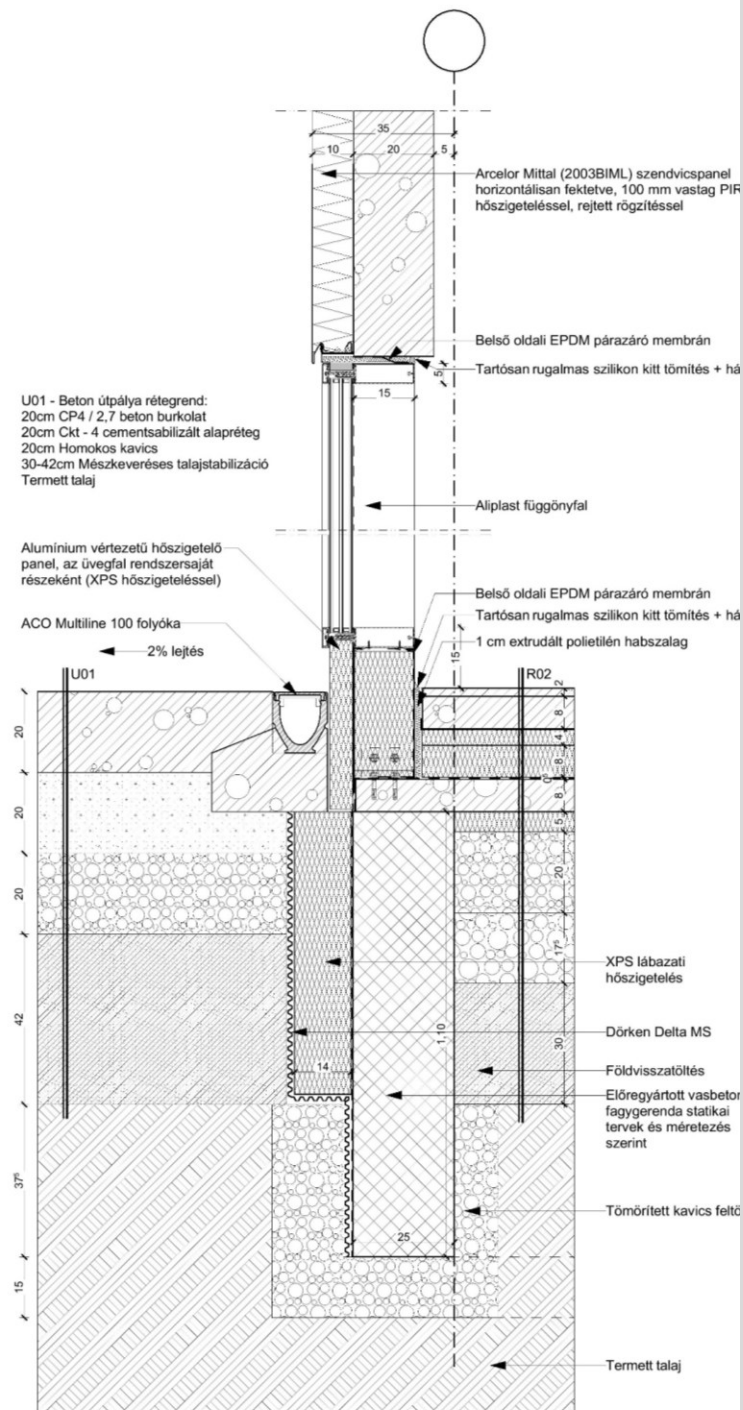
- **Site Plans and Survey Drawings:** Essential for any construction project, these drawings provide a bird's-eye view of the entire site, showing boundaries, existing structures, and planned modifications. They are crucial for planning and approval processes with local government bodies.
- **Floor Plans and Layouts:** Quintus Design excels in creating detailed floor plans that offer a clear overview of the space, including the placement of windows, doors, and furniture. These plans are vital for understanding the flow and functionality of the space.
- **Elevation Drawings:** We provide detailed exterior and interior elevation drawings that depict how the project will look from various angles, facilitating a deeper understanding of the proposed aesthetic and structural elements.
- **Section Drawings:** These cut-through views of the structure provide insights into the building's construction elements, offering a look at the layers and components that will go into the building's fabrication.
- **Detailed Construction Drawings:** For the construction phase, our detailed drawings include precise measurements, material specifications, and installation techniques, essential for ensuring that construction proceeds without delays and adheres to all specified standards.



ARCHITECTURAL DETAILING

Our architectural detailing services are aimed at refining and defining every element of the design, ensuring that every aspect is thoughtfully considered and meticulously planned.

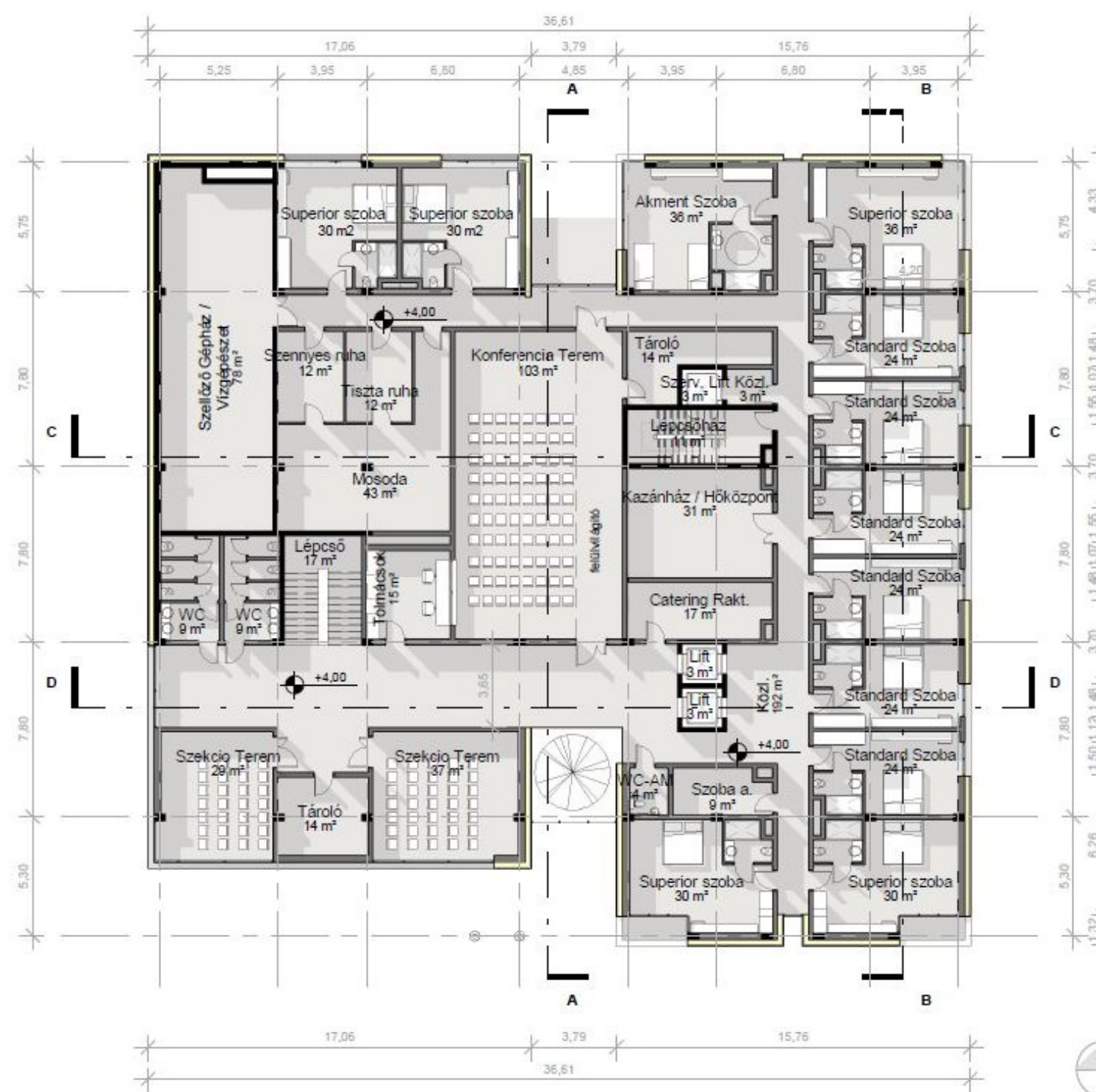
- **Precision and Quality Control:** Detailed architectural drawings and plans reduce ambiguities, guiding the construction team explicitly. This precision prevents costly errors and modifications during the construction phase, ensuring that the project remains on schedule and within budget.
- **Integration with Overall Design:** Our architectural detailing is not an isolated service but an integral part of the entire design process. We ensure that every detail conforms to and enhances the overall architectural concept, creating a cohesive and unified design.
- **Customized Solutions:** Every project has its unique challenges and requirements. At Quintus Design, we customize our detailing services to meet the specific needs of each project, whether it involves historical renovation, cutting-edge contemporary design, or highly specialized technical facilities.
- **Material Selection and Specification:** We select materials not only for their aesthetic qualities but also for their durability, sustainability, and performance characteristics. Our detailed specifications ensure that all materials meet the project's technical requirements and environmental goals.
- **Technical Expertise:** Our team possesses deep technical expertise in the structural, mechanical, electrical, and environmental aspects of building design. This expertise allows us to create details that are not only visually appealing but also technically sound and sustainable.
- **Building Envelope:** We pay special attention to the design of the building envelope, including wall assemblies, roofing, and glazing details. These are crucial for the thermal performance, durability, and overall energy efficiency of the building.
- **Interior Details:** Interior detailing involves the design of elements like moldings, staircases, doorways, and cabinetry. These details are essential for creating a refined interior that aligns with the building's architectural style and the client's vision.
- **Connection Details:** The connections between different building materials and components are meticulously designed to ensure structural integrity and visual harmony. This includes the detailing of beams, columns, and joints, crucial for the building's long-term performance and aesthetic.



ARCHITECTURAL SPECIFICATIONS

Our specifications writing services focus on delivering clear, precise, and detailed documents that outline the materials, workmanship, quality, and standards required for each aspect of a project. This clarity helps prevent ambiguity, minimizes the risk of construction errors, and facilitates a smoother building process.

- **Regulatory Compliance:** Each specification is written with a thorough understanding of local and international building codes and standards. We ensure that every project complies with the relevant regulations, promoting safety and efficiency.
- **Cost Control:** Detailed specifications help to control project costs by defining the exact requirements before the construction begins, reducing the likelihood of unexpected changes and expenses during the building phase.
- **Material Expertise:** We provide detailed descriptions of the materials to be used, considering factors such as sustainability, performance, aesthetic quality, and budget. Our specifications include all necessary information to guide the selection and procurement of materials, ensuring consistency and quality throughout the project.
- **Performance Criteria:** Our specifications clearly outline the performance criteria for all elements of the project. This ensures that the completed structure not only looks as intended but also performs well in terms of durability, maintenance, and environmental impact.
- **Integration of Technology:** We leverage the latest software and technology to compile and organize specifications. This includes integration with BIM (Building Information Modeling) tools, which enhance the precision and utility of our specifications by providing a three-dimensional context.
- **Customization for Special Requirements:** Whether a project requires unique structural solutions, advanced technological integrations, or innovative environmental sustainability practices, our specifications are customized to meet these unique demands, ensuring that the project is both feasible and forward-thinking.



ARCHITECTURAL VISUALIZATIONS

Architectural visualization is an essential tool at Quintus Design, bridging the gap between conceptual design and reality. This service allows our clients, contractors, and the design team to see the proposed end result in a vivid and interactive manner before the construction phase begins. It provides a critical communication tool that helps in decision-making, marketing, and ensuring that everyone involved has a clear understanding of the project. Here's how Quintus Design excels in providing top-tier architectural visualization services.

- **Enhanced Communication:** Architectural visualizations translate complex architectural concepts into understandable and relatable visual formats. This helps clients and stakeholders to better understand the design, fostering clearer communication and facilitating more informed decision-making.
- **Visual Impact:** These visualizations serve as powerful marketing tools, especially in the pre-construction phase. They allow potential buyers, investors, and tenants to visualize the space, enhancing sales and leasing activities.
- **Design Validation and Refinement:** Visualization allows architects and designers at Quintus Design to validate and refine architectural decisions. Seeing a design in three-dimensional space can highlight potential issues or improvements that may not be as apparent in two-dimensional drawings.
- **Advanced 3D Rendering:** Quintus Design utilizes the latest software and technologies to produce high-quality, detailed 3D renderings of architectural projects. These renderings include realistic textures, lighting, and shadows that mimic real-world conditions, giving clients a lifelike preview of the finished project.
- **Photo-Realistic Images:** We strive to create visuals that are not only accurate in terms of architecture but also beautifully crafted to reflect the intended atmosphere and aesthetic of the project. These images are suitable for promotional materials, presentations, and stakeholder meetings.
- **Detailed Environmental Context:** Our visualizations also include the surrounding environment, landscaping, and how the building interacts with its site. This holistic approach ensures that the visualizations are not only impressive but also contextually accurate.



INTERIOR DESIGN

At Quintus Design, we understand that the interiors of a building are as significant as its architecture. The interior spaces are where daily interactions happen and personal experiences unfold. That's why our interior design services are integral to our holistic approach to architecture, ensuring that every internal environment we create is not only visually appealing but also functionally apt and aligned with the occupants' needs and lifestyle.

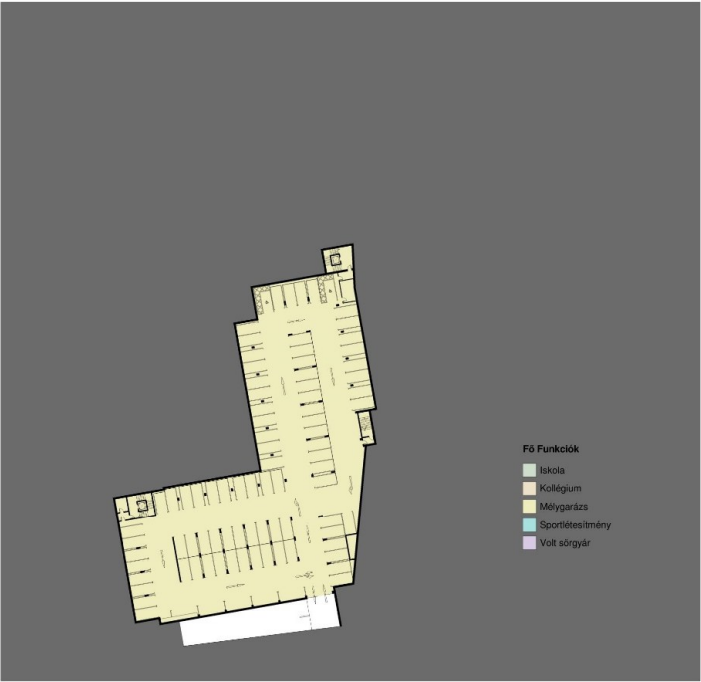
- **Holistic Design Integration:** At Quintus Design, we believe that interior design should seamlessly integrate with the architectural vision, maintaining a coherent and unified aesthetic throughout the building. Our interior designers work closely with our architects from the project's inception, ensuring that the interiors are a natural extension of the exterior design.
- **User-Centric Designs:** We place the occupants at the heart of our design process. Our approach involves understanding the clients' needs, desires, and the ways they interact with their spaces. This understanding allows us to create interiors that are tailored to enhance comfort, functionality, and overall well-being.
- **Innovative and Sustainable Solutions:** Sustainability is a cornerstone of our design philosophy. In our interior projects, we incorporate eco-friendly materials, energy-efficient solutions, and design techniques that reduce environmental impact while enhancing the space's aesthetic and functional qualities.
- **Custom Furniture and Fixture Design:** Quintus Design offers custom furniture and fixture design services to ensure that every element within the space is unique and specifically tailored to complement the interior design. This service allows for a truly customized and coherent space that reflects the individuality of the client or brand.
- **Material and Finish Selection:** Selecting the right materials and finishes is crucial for achieving the desired aesthetic and functional qualities of an interior space. We guide our clients through choosing materials that are not only visually appealing but also durable, sustainable, and suitable for their specific use-case.
- **Lighting Design:** Proper lighting is essential for the functionality and atmosphere of any space. Our interior design team specializes in creating lighting schemes that enhance the mood, highlight architectural features, and improve the efficiency of the space.



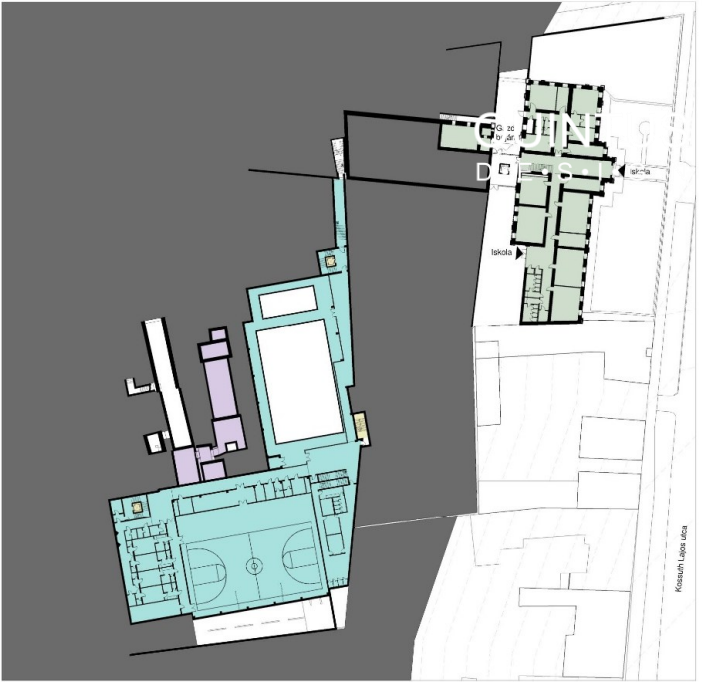
PROJECT MANAGEMENT

At Quintus Design, we understand that the success of any architectural project is significantly determined by the effectiveness of its construction management. This is why we have partnered with Torok Miklos from High-Tech Építő Zrt., an expert in construction project management in Hungary, to ensure that our designs are not only visionary but also practical and well-executed. This partnership allows us to offer comprehensive construction project management services that oversee every phase of construction from inception to completion, ensuring quality, efficiency, and alignment with our architectural goals.

- Miklos brings a proven track record of managing complex construction projects across a variety of sectors. With extensive experience and a deep understanding of the construction industry's nuances, they are adept at navigating challenges and ensuring that projects are completed on time, within budget, and to the highest standards of quality.
- Project Planning and Scheduling: Effective planning is crucial for the success of any construction project. With our PM partner we specialize in developing detailed project plans that outline all critical milestones, resource allocations, and timelines. This meticulous planning ensures that every stage of the construction process is clearly defined and carefully orchestrated.
- Cost Management: Controlling costs without compromising quality is a delicate balance in construction management. We provide expert cost management services, including budgeting, cost forecasting, and financial reporting. This rigorous financial oversight ensures that projects remain economically viable and financial surprises are minimized.
- Quality Control: High-Tech Építő Zrt. implements stringent quality control measures to ensure that all aspects of the construction meet or exceed the standards specified in the design documents. Regular site inspections, compliance checks, and coordination meetings are part of their quality assurance protocol to maintain the integrity of the design throughout the construction phase.
- Risk Management: Identifying and mitigating risks early in the construction process is key to avoiding delays and cost overruns. Miklos employs comprehensive risk management strategies, assessing potential risks at each project stage and implementing mitigation measures to address these risks proactively.
- Contract Administration: Managing contracts with subcontractors, suppliers, and other stakeholders is vital for smooth project execution. Miklos ensures that all contractual obligations are fulfilled and that the interests of Quintus Design and our clients are protected throughout the project.



Parkolószint.
1 : 500



Pincészet.
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Földszint.
1 : 500



1. Emelet.
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2. Emelet.
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MASTERPLANNING

At Quintus Design, we understand that the spaces between buildings are as crucial as the structures themselves. This belief underpins our comprehensive landscape design services, offered in collaboration with our esteemed partner, Ter Team. Known for their extensive experience and exceptional expertise in landscape architecture, Ter Team brings a dynamic dimension to our projects, ensuring that the external environments are not only aesthetically pleasing but also functional and sustainable.

Partnering with Excellence: Ter Team

Expertise and Experience: Ter Team, with its long-standing reputation in landscape design, brings to the table a wealth of knowledge and a trove of innovative solutions. Their expertise spans various scales and types of landscape projects, from intimate garden designs to expansive public parks and urban green spaces. This partnership allows Quintus Design to leverage Ter Team's specialized skills to enhance the overall environmental and aesthetic quality of our architectural projects.

Innovative Design Philosophy: Ter Team's approach to landscape design is deeply rooted in a philosophy that blends creativity with ecological sensitivity. They employ the latest trends and technologies in landscape architecture to create spaces that are both beautiful and beneficial to their ecosystems. Their designs consider local flora and fauna, promoting biodiversity while offering stunning visual landscapes that contribute to the health and well-being of the community.



SUSTAINABILITY

We work to develop projects that promote green building and development that use renewable energy, reduce waste, and increase the availability of clean water, food and healthcare for all.

We strive to create buildings, infrastructure and services that reduce their environmental impact and create positive social and economic impacts. We are committed to helping our clients create buildings, spaces and services that foster sustainable lifestyles and wellbeing of people and the planet.

We will work to ensure that our projects support local communities, provide equitable access to resources, and create a sense of place. We will seek to minimize the environmental impacts of our projects, while enhancing their aesthetic and functional value. We are committed to the principles of environmental stewardship, social responsibility, and economic sustainability.

At our architectural practice, we strive to create a more sustainable future for everyone by aligning our work with the United Nations Sustainable Development Goals (UN SDGs).

Our mission is to develop innovative and thought-provoking designs that will stand the test of time and contribute to the betterment of our planet. We take a holistic approach to our projects, considering the needs of both people and the environment.

We evaluate the impact of our designs on the environment, and prioritize solutions that have the least negative impact. We create plans that take into account the long-term sustainability of the project, as well as the environmental, social, and economic implications of our work. We also strive to use sustainable materials, energy-efficient building practices, and other green solutions to reduce the environmental impact of our projects. We are committed to creating a future that is more equitable and sustainable for everyone. Designing for more sustainable living can take many forms, such as:

- Reorganizing living conditions (ecovillages, sustainable cities)
- Embracing green building initiatives, standards (sustainable architecture)
- Sustainable work practices
- Designing systems in a flexible and reversible manner
- Encouraging energy efficiency
- Utilizing renewable energy sources
- Promoting sustainable water use
- Conserving natural resources



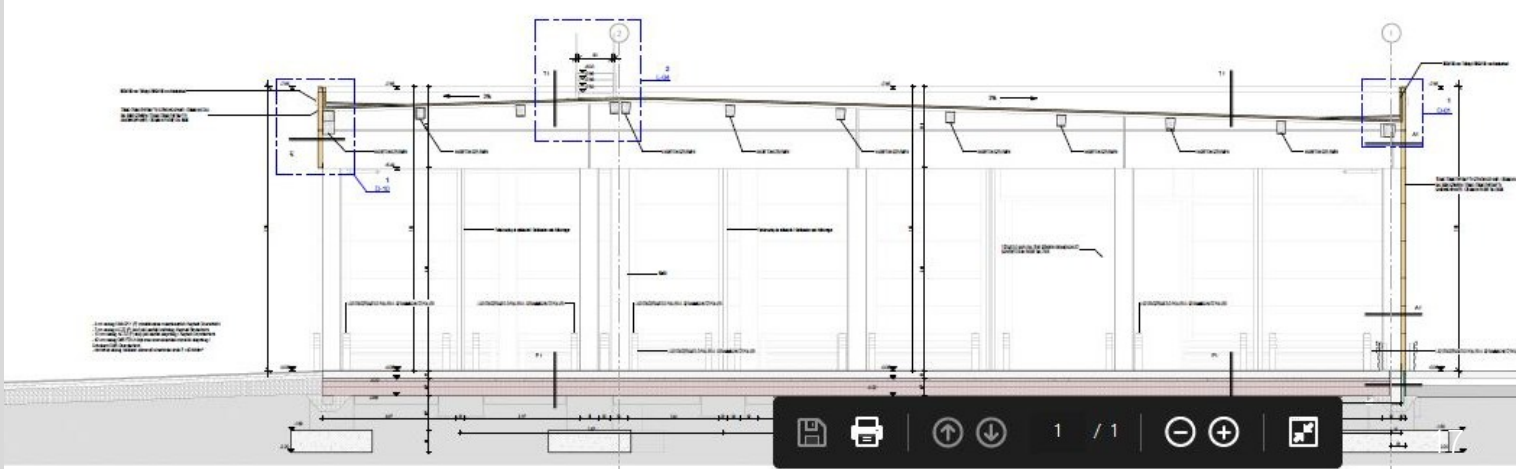
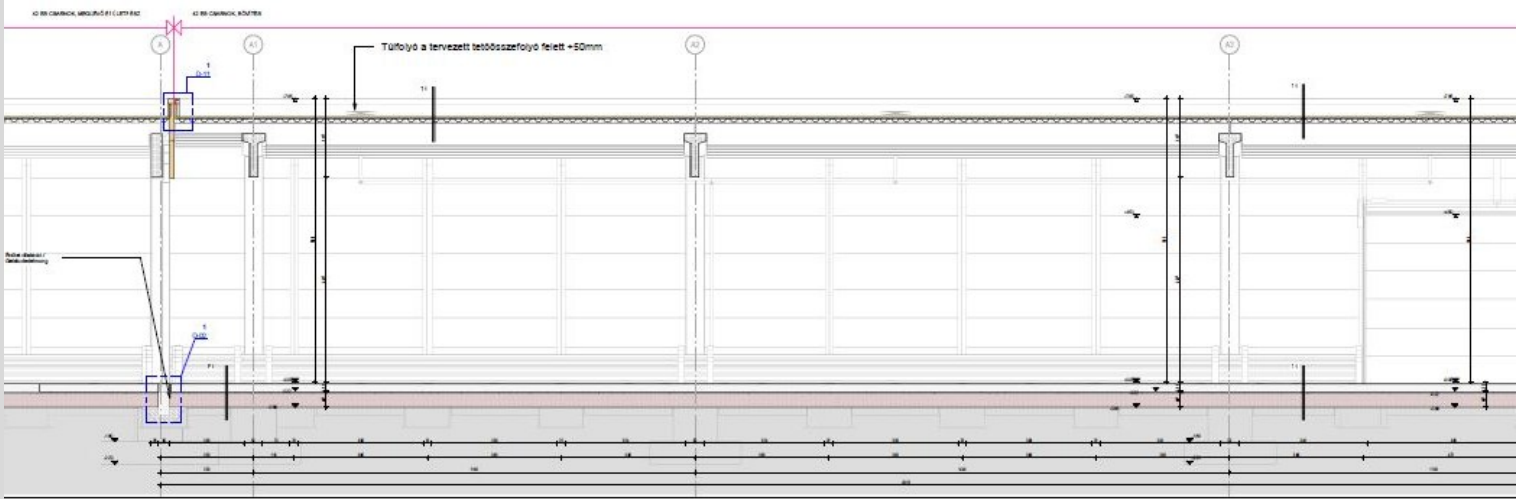
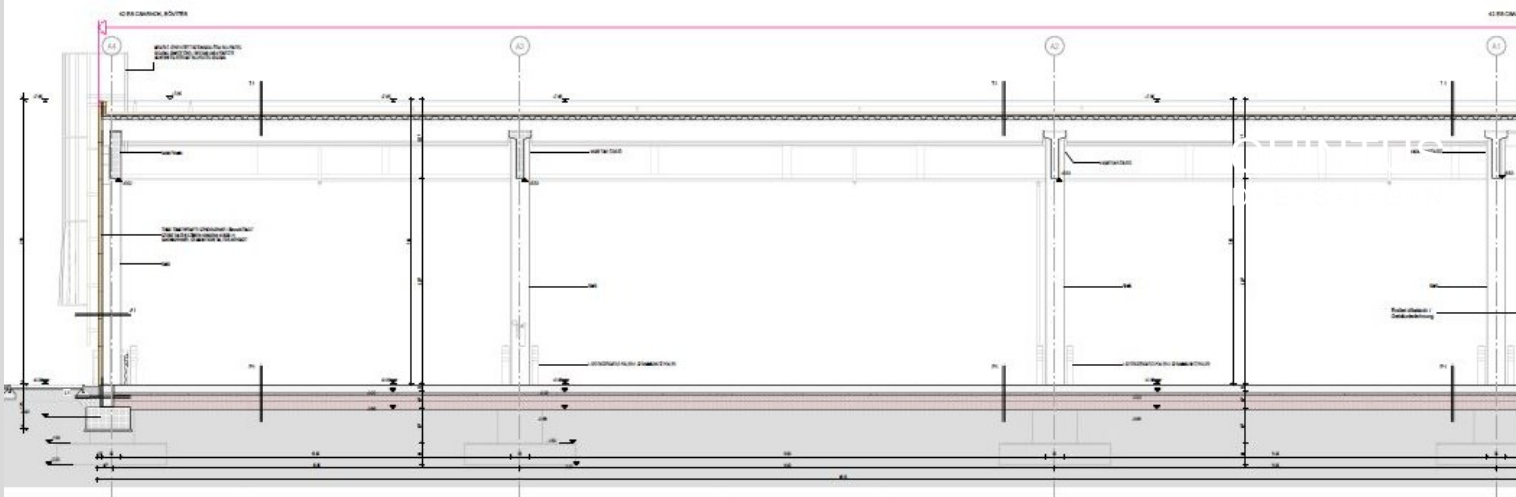
BUSINESS PARTNERS

CLIENTS

- OBUDA EPITESZ STUDIO / OBUDA GROUP
- MT INVEST HUNGARY
- MUNICIPALITY OF DEBRECEN
- MANHAL AL HABBABI CONSULTANTS A.S.

DESIGN PARTNERS

- | | |
|----------------------------|-------------------------------------|
| • SZANTO & MIKO ARCHITECTS | ARCHITECTURE |
| • KESERU ARCHITECTS | INTERIOR DESIGN |
| • NEW ARTISTIC LLC | CONSTRUCTION PROJECT MANAGEMENT |
| • TER TEAM | LANDSCAPE DESIGN |
| • KOZLEKEDES ZRT | TRAFFIC DESIGN |
| • KESZ TERVEZO | UTILITY DESIGN |
| • KAR-GA BT | BUILDING ELECTRICITY |
| • GERGELY MAROSI | MEP DESIGN |
| • ISTVAN SZABO | ARCHITECT, CONSTRUCTION EXPERT / PM |



PROJECT INVOLVEMENT

DETROIT WATERFRONT REVITALIZATION

Location:	Detroit, USA
Lead Design:	Quintus Design
Service:	Architecture
Sector:	Residential
Stages:	Concept Design
Role:	Lead Architect
Year:	2020

Vision

The goal of the design was to initiate and inspire the re-development of Detroit, and to act as a pilot project for the city. The building shall act as a local landmark and to indicate the "origin" of the regeneration works.

Social Change

We believe that positive social change can happen if residents are offered a great vision that is open for participation, unites them, and gives them a worthwhile goal that they can pursue. In the process, people inherit a sense of meaning and become goal oriented in life. Inclusion will be a key aspect of the project if it manages to get sufficient traction and institutional support.

Building Massing

The architectural composition of the design consists three twisting triangular towers interconnected at the pinnacle with a sky lobby. The twisting of the towers in different orientations are meant to create a dramatic spatial experience. The interconnecting sky lobby will serve as the recreation hub of the residential tower. The podiums of the towers are separated from the towers itself to create an intimate urban space with restaurants and cafes at the ground floor. The vibrant urban space is a key feature of our design and is envisioned to become a mixed-use city center.



DEBRECEN AIRPORT

Client: Debrecen Municipality
Lead Consultant: Quintus Design
Sector: Aviation
Service: Multi Disciplinary Design
Stages: Concept Design
Year: 2021

Terminal Building

The building is typically a hall building, spatially divided horizontally and vertically. This provides flexibility in the design and use of space. The spatial design of the intermediate, passenger circulation levels is adapted to the space requirements and connections of the planned functions. The IATA Airport Development Reference Manual 11th Edition recommendations have been taken into account in determining the volume and area of the passenger routes, reservoirs and processor areas.

The siting of the buildings, runway and taxiways was carried out in accordance with the tender requirements, based on the master plan provided by the tenderer.

Massing

The regular square mass of the terminal building is defined by flat surface of glass construction. In the interests of economical construction, no 'sculptural' massing was envisioned. Aesthetic and technological modernity was presented by the structural glazing, the interior installations and the suspended ceiling design resulting from the geometry of the supporting structure. The character of the exterior appearance is given by the roof structure, which extends beyond the plane of the façade.

The modular, prefabricated structure provides flexibility for expansion. The flow and interlocking of the interior spaces, the transparency of the spaces, allow easy orientation for the passengers. Visual anchor points visible from almost every part of the building's interior are the aircraft in front of the building.

The shape of the suspended ceiling elements and the overhead lighting to create a light, uplifting internal atmosphere.



WESTERN RAILWAY STATION

Location: Hungary, EU
Client: BKK
Lead Consultant: Szántó & Mikó Építészek
Estudio Lamela
Cruz Y Ortiz Arquitectos
Sector: Transportation Masterplan
Service: Consulting + 3D Model
Stages: Concept Design
Year: 2022

For the Western Railway Station competition, the proposed buildings are unified by monumental arches and the planning area is divided into three distinct functional parts.

Inspired by the history of the city and its characteristic streetscape, our masterplan is inspired by the history of Budapest and is an extension of the city's existing urban fabric. Our proposal is to create a new, dynamic neighbourhood that connects neighbouring neighbourhoods, minimises the impact of railway tracks throughout the planning area and raises the standard of living. The whole area covered by our masterplan can be divided into three parts:

SECTOR A

The first, the area around the current Western Railway Station to the present Ferdinand Bridge, will be influenced by the central role that the station will create. This is an area where important commercial functions, such as the Westend shopping centre, are already concentrated around the railway activity. It will be joined by hotels, a congress centre and office buildings, all of which will benefit from the centrality generated by the railway.

SECTOR B

We propose to concentrate as much of the residential area as possible in Sector B. The railway track in this area is not very wide and this allows us to cover it. This will create an excellent centrally located park, the "Central Park". Residential blocks are located on both sides of the park, with associated retail areas, on the obvious condition that continuity with the 19th century urban fabric is respected on both the east and west sides of the site. If the 19th century urban fabric is defined by anything, it is first and foremost its continuity, and our proposal aims to preserve continuity as far as possible between the areas to the east and west of the covered railway station.

SECTOR C

In this sector, we propose the construction of mixed-use public buildings and offices. The buildings are set back in line with the width of the linear park. Continuity is provided by large covered passageways under low arches to provide access to the linear park, making the streets leading to Podmanizsky u. continuous. At the same time, a pedestrian and cycling promenade is proposed above the tracks, linking the VI and XIII districts.



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ECO GREEN HOTEL

Client: Debrecen University
Lead Consultant: Quintus Design Szanto & Miko Architects
Sector: Hospitality
Service: Multi Disciplinary Design
Stages: Concept Design
Co-author: Laszlo Miko
Role: Lead Architect, BIM
Year: 2022

With its flat-roofed mass, white façade and traditional modern architectural means to act as a counterpoint to the natural environment. Its ground floor openness, balconies, roof garden and roof terrace, on the other hand a very intense connection with the green environment. The main entrance of the building is on the south side of the approach, but the lobby is on the west side also has a car stop - parcel delivery entrance.

A lobby opens onto a drinks bar and restaurant, both with covered terrace and barbecue terrace barbecue connection. On the north side of the building is the service entrance, from here you can access the kitchen plant, the staff changing room and dining block, the building management area and the service lift. The hotel offices are located on the west façade, accessible from both the lobby and the business side from both sides. On the first floor there is a conference room for 80 people and 2 meeting rooms for 40 people, the design programme, with an interpreter's booth, equipment and furniture storage and catering storage. The conference area is separated from the lobby by a spacious The first floor 'hotel wing' has 12 rooms and a ladies' room. The conference and wellness area is located on this floor and also the outdoor swimming pool.

On the second floor will be the wellness area with the rooms provided for in the design programme and pools. The wellness area is connected to a roof terrace with a 16/5/1,3 m outdoor swimming pool. with an outdoor swimming pool, highlighted grassed area and vegetation. The outdoor pool is not included in the design programme, but we believe it could greatly enhance the the hotel's services. Of course, if there is no demand or or budget, it could be omitted. The "hotel wing" on the second floor has 13 rooms and a housekeeper room. The floors III to IV are identical, with 13 hotel rooms per floor and maid's rooms on each floor, with a central corridor layout. On the roof level, there will be 6 hotel rooms set back from the front of the building, with large terraces. The distribution of the 57 hotel rooms is as follows: - 33 standard rooms - 17 superior rooms - 1 handicapped accessible room - 6 suites.



TUSKESRET MASTERPLAN, PECS

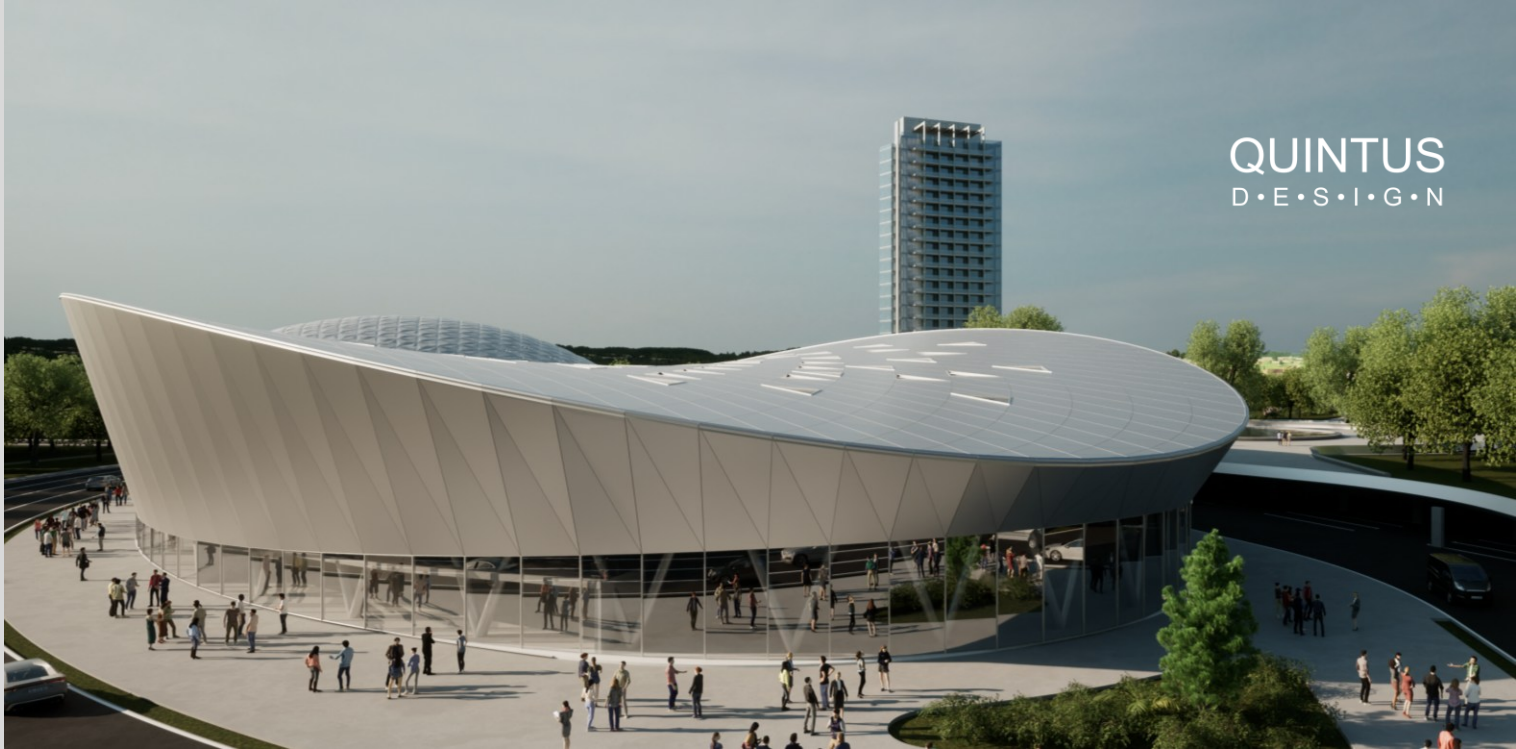
Location:	Hungary, EU
Client:	Pécs Municipality
Lead Consultant:	Quintus Design
Sector:	Masterplanning
Stages:	Concept Design Design Competition
Role:	Lead Architect
Year:	2022

The 31,7 hectares of land designated for the facilities of the planning programme are located between Lake Tüskésréti and its immediate surroundings and the flat land to the north. Its proximity to the city centre and its already well-managed environment, Tüskésrét is a popular destination for Pécs residents from spring to autumn. recreational and leisure sports area. A drainage ditch runs through the development area to the lake the northern end of the pond in a north-south direction through the primary planning area and the northern boundary of the primary planning area in an east-west direction.

One function of the ditch is to serve as the overflow of the lake and to maintain the groundwater level in the area above the lake, therefore the the role of the ditch, as a water catchment line, should be retained and its alignment should be adapted to the development plan to be adapted to the development plan. In order to ensure access and exploration of the site, the north-south the new urban main road to the north, its regulatory width and the associated and the planned cycle route and other transport, forestry and water management water and water areas have been taken into account and have not been changed. The planned north-south route main road, which will connect to the Tüskésrét road and the new 2x2 lane will be connected to the new 2x2 traffic congestion relief road, and will serve as a the planned sports and recreation investments in Tüskésrét with an adequate number of vehicles, bicycle and pedestrian access.

The key elements of the functional programme are the Aquapark, the swimming pool, the multi-functional and the hotel, as well as the Tüskésrét lake and the listed facilities and the public spaces surrounding these facilities. The four facilities have been designed to be implemented in a phased manner and to be able to operate and be used independently once completed.

The planning area is divided into two parts. The primary planning area is a collection of land owned by the municipality to the north of the existing leisure park facilities, on which the planned uses are located. The secondary planning area is a group of undeveloped plots to the north of the primary planning area, together with the Spiked Lake and the area surrounding it, for which additional proposals have been made.



QUINTUS
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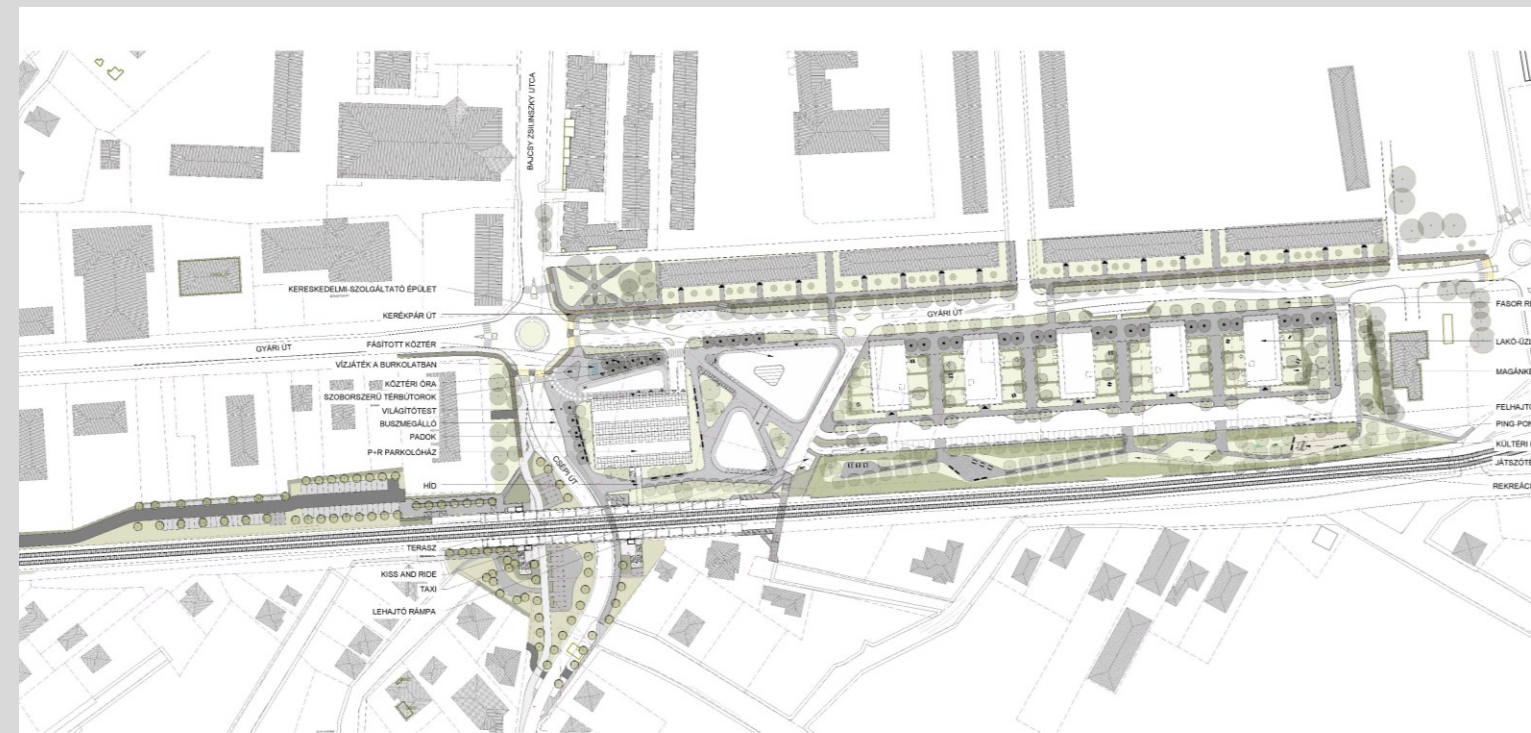
SZIGETSZENTMIKLÓS MASTERPLAN

Location: Hungary, EU
Client: Szigetszentmiklos Municipality
Lead Consultant: Szántó Mikó Architects
Quintus Design
Landscape Design: Tér-Team
Sector: Transportation Design
Service: Architecture
Co-author: László Mikó
Stage: Concept Design
Year: 2022

The call for proposals aptly assesses the current state of the planning area as a built environment and correctly defines the objectives of the development. The basic design ideas were to improve the quality of the public spaces, to make the station lobby a gateway to the city, to treat the car park as a "green" area with contemporary architecture and to integrate it ergonomically into the network.

The design and use of materials for the proposed public buildings - the car park and commercial units, as well as the proposed commercial-service building - are industrial in character, given the industrial tradition of the town and its proximity to the railway. The disciplined planting and traditional rendered massing of the proposed residential complex, proposed as a forward-looking development, follows the timeless planting and landscaping traditions of the Attila József site opposite.

The planning area is the peripheral area between the Attila József housing estate and the Hév line, where the garages of the housing estate are located, along with minor general service functions.



AL GHIYATHI COMMUNITY CENTER

Location: AL GHIYATHI, UAE
Lead Consultant: Quintus Design
Service: Architectural design
Stages: Concept Design
Role: Architecture Lead
Year: 2022

Our architectural design proposes the inclusion of 3 "Anchor shops," such as large department stores, strategically located at different sides of the mall. These anchor shops serve as major draws for shoppers, effectively functioning like magnets. They not only attract a significant number of visitors but also facilitate natural circulation within the mall. The smaller retail spaces interspersed between these anchor stores benefit from the increased foot traffic and the overall vibrancy that these larger stores bring.

To enhance the visibility and accessibility of first-floor shops, specific architectural strategies are employed. These measures are designed to ensure these shops receive a sufficient amount of foot traffic, vital for their success.

The design of the building follows a "U" shaped massing, adhering to the form outlined in the Affection Plan. This mass is thoughtfully broken down into smaller components, creating a more approachable and human-scaled architectural expression.

Regarding height restrictions, the design adheres to local guidelines. The building height is generally restricted to ground floor plus one additional level. However, on the eastern side of the development, the structure extends to ground plus two floors, in compliance with zoning regulations.

A key feature of this development is the interconnectedness of the buildings through a central passage. This passage is not just a means of transit but also an architectural feature in itself. At certain points along this passage, internal atria are incorporated.

These atria serve multiple purposes: they bring natural daylight into the interior spaces, enhancing the shopping experience, and provide suitable locations for escalators and elevators, ensuring seamless interconnectivity between different floors. The presence of these atria not only improves the functional aspects of the mall but also contributes to its aesthetic appeal, creating spacious and light-filled areas for shoppers to enjoy.



RANOLDER JANOS HIGHSCHOOL

Location: Keszthely, Hungary, EU
Client: Municipality of Keszthely
Lead Consultant: Szanto & Miko Architects
Sector: Education
Service: Architecture
Stages: Concept Design
Year: 2023

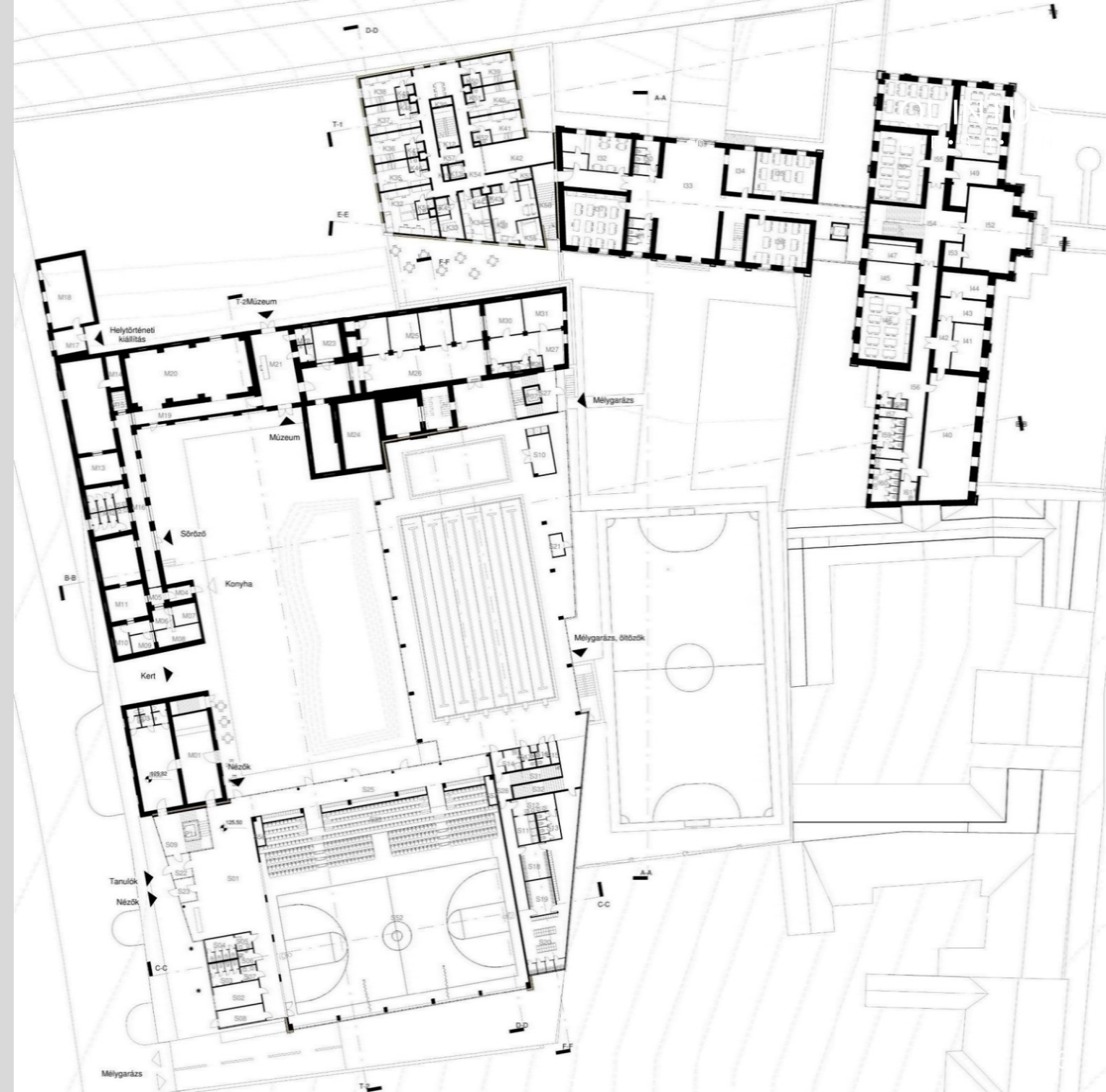
The protected building stock and spatial constraints of the planning site, as well as the connectivity requirements of the planned functions, make it a very beautiful and complex project.

In our proposal, we have taken into account the content and connectivity requirements of the functions, the townscape appearance and the protection of the historic monument.

We have sought to ensure that the school, college, multi-purpose hall, swimming pool and former Brewery are accessible to pupils, teachers and staff via a continuous, closed access system, with appropriate access rights. For the external users and spectators of the multifunctional hall and the swimming pool, separate entrances have been provided from Deák Ferenc Street. External users of the changing rooms cannot enter the school premises without access rights.

The massing of the building complex was adapted to the height of the surrounding buildings. The major masses of the multi-purpose hall and the swimming pool were placed inside the block, partly below ground level, thus reducing the spatial conflict with the surrounding building fabric.

The listed building complex of the former Beerhouse was treated intact, with direct connections at two points. It is proposed to demolish a 12 m long section of the basement system in the courtyard of the former Brewery with a cantilevered vault due to the underground construction.



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