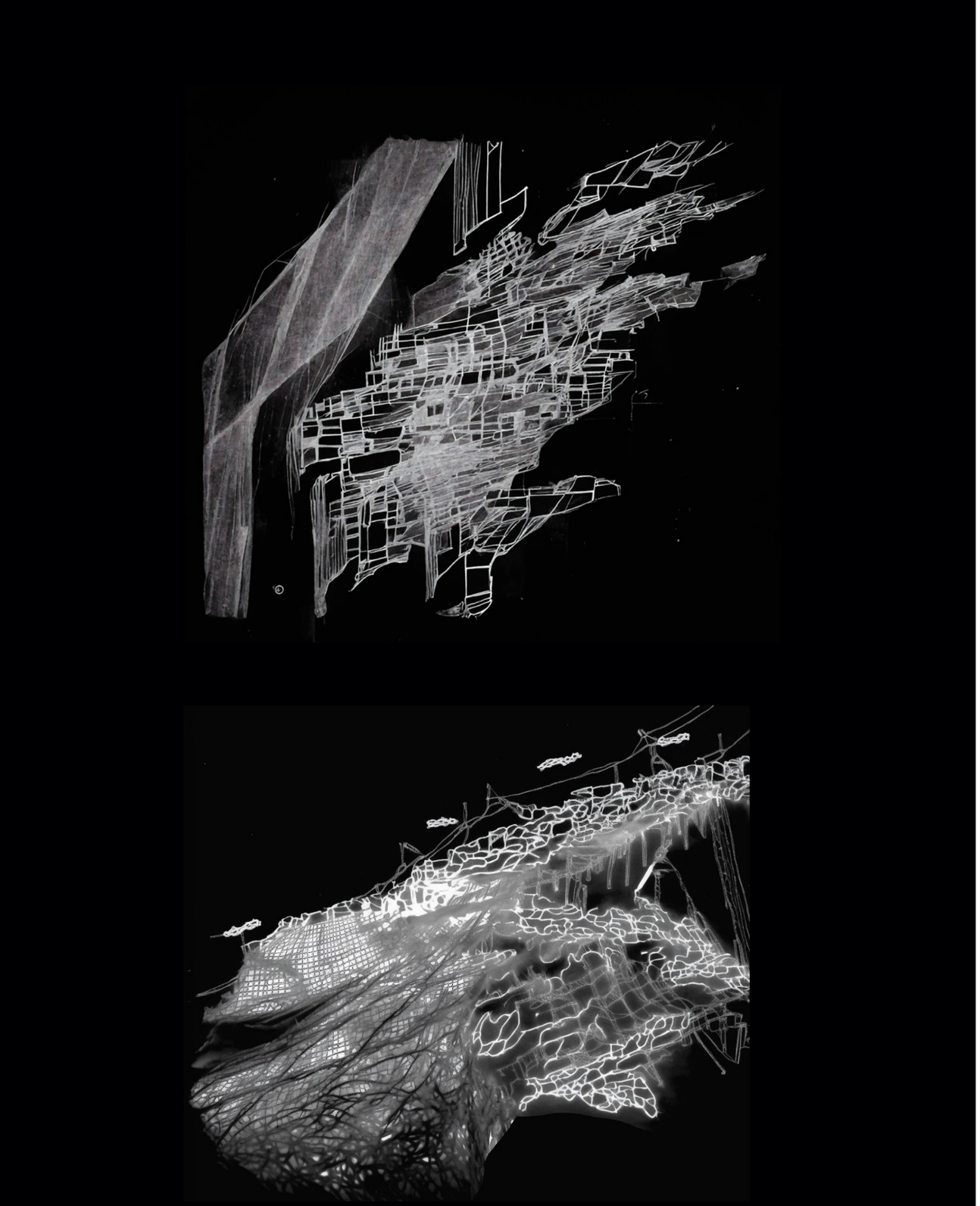
STERLING PRESSER ARCHITECTS + ENGINEERS

ELEGANCE + PERFORMANCE + SUSTAINABILITY



Concept sketches Masterplan China

FORWARD

Welcome to our visionary architecture office, where imagination takes flight and boundaries are shattered. **STERLING PRESSER** ARCHITECTS+ENGINEERS is a team of passionate architects who believe in creating a sustainable and futuristic world through an integrated design approach. In our realm, art, fantasy, and innovation converge to craft extraordinary visions for tomorrow's civilization.

For us, architecture extends beyond mere buildings; it embodies the essence of a new era. With each project, we challenge the status quo and push the boundaries of innovation. **STERLING PRESSER** ARCHITECTS+ENGINEERS goal is to inspire awe and create spaces that not only captivate but also pave the way for a better future.

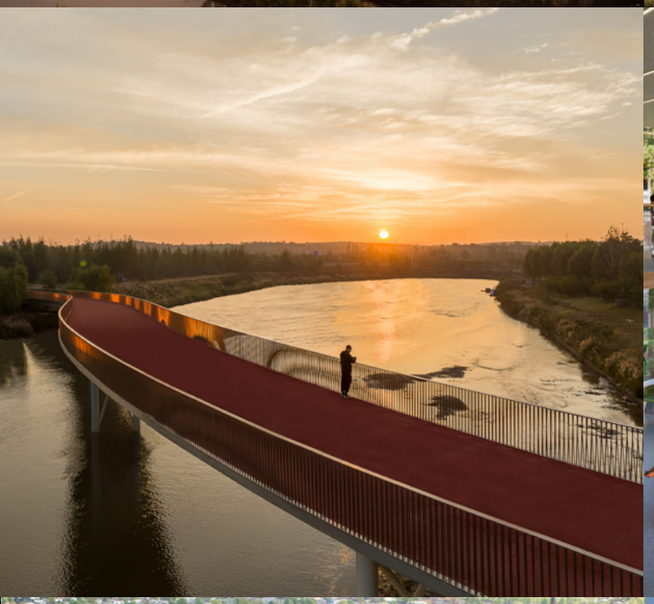
At the heart of our philosophy lies adaptability and flexibility. **STERLING PRESSER** ARCHITECTS+ENGINEERS strives to maximize the potential of every inch, creating designs with the smallest footprint possible. Our arenas defy gravity, offering multi-level spaces that encourage new sport disciplines, blending athleticism and imagination like never before.

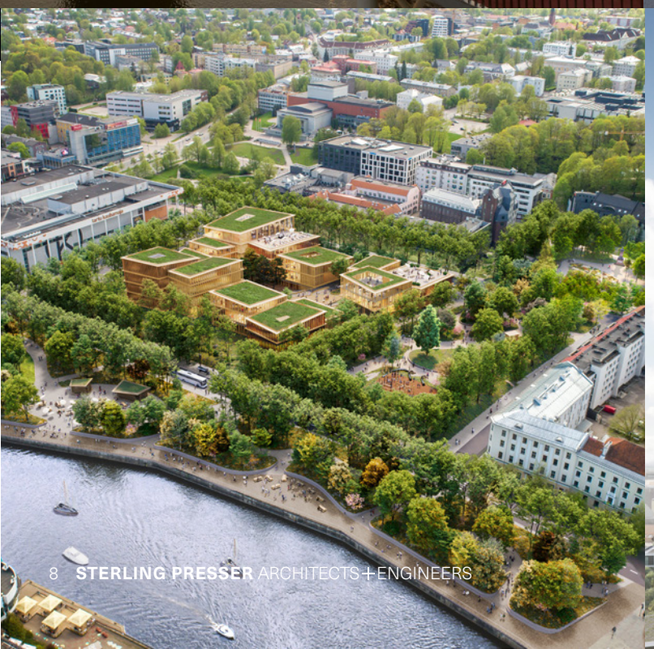
As pioneers of experimentation, we continuously seek to exceed the limits of what is possible. Our architecture is a living system, capable of evolving and adapting to the changing needs and desires of our clients. **STERLING PRESSER** ARCHITECTS+ENGINEERS embraces the power of constant evolution and the infinite possibilities it brings.

Sustainability is a fundamental principle in our practice. We seamlessly integrate our designs with the environment, ensuring that nature becomes an integral part of every structure. By harnessing the power of technology, we employ innovative solutions that minimize energy consumption and maximize efficiency.

STERLING PRESSER ARCHITECTS+ENGINEERS invites you to join us on this thrilling journey as we shape a new civilization for tomorrow. Together, we can build a better world where art, imagination, and sustainability intertwine in perfect harmony. Welcome to our architecture office, where dreams become reality, and the future comes to life.


kvartal
tartu kaubamaja





CONTENT

Tartu street tower, Tallinn, Estonia

INTRODUCTION

STERLING PRESSER ARCHITECTS+ENGINEERS is an internationally recognized architecture and engineering studio based in Berlin. We specialize in architectural planning and structural concept design, working across a wide spectrum of scales and typologies, from design objects to complex multi-program theatres and infrastructure.

At the heart of our practice is a dedicated and multidisciplinary core team, driven by design vision, innovation, and research. We integrate architecture and engineering from the very beginning of each project, ensuring that creativity and technical excellence go hand in hand. Our approach is highly collaborative, involving clients, stakeholders, and experts early in the design process to deliver bold, forward-thinking solutions.

Operating globally, we bring deep experience in navigating diverse cultural and geographical contexts.

Our projects are rooted in sustainability, inspired by nature, and shaped by the timeless principles of sacred geometry where imagination, art, and environmental responsibility converge.

STERLING PRESSER ARCHITECTS+ENGINEERS is committed to creating outstanding, surprising, and meaningful architecture and engineering—designed to delight, endure, and contribute to a better future for cities and landscapes around the world.

COMPANY PROFILE AND TEAM

Water theatre, Taiyuan, China








Philosophy

Elegance + Performance + Sustainability

STERLING PRESSER ARCHITECTS+ENGINEERS is an international studio for architectural planning and structural concept design, based in Berlin. The founding partners combine 40 years of experience, in the respective fields of architecture and structural engineering.

The studio aims at bringing together the disciplines of architecture and engineering in order to integrate them from the beginning of the design process. **STERLING PRESSER** ARCHITECTS+ENGINEERS specializes in the design of emblematic architectures and structures, working together with a network of advanced engineering experts and integrating concepts of sustainability and cost control.

STERLING PRESSER ARCHITECTS+ENGINEERS designs buildings, infrastructures, master plans and interiors with the common aim to achieve a sustainable built environment. We design with the future in mind. Our team works on the questions of our time: How can we change the way we currently live, work and circulate. It has contributed to a wide range of programs from design objects and sculptures to multi-program theatres and bridges. The team is experienced to work in a variety of cultural and geographical situations and understand the impact of projects in unexpected contexts with a common goal: to achieve sustainable projects. It does explore design from the initial stage in a collaborative model, avoiding the separation of design disciplines. The design studio works flexibly in Germany, France, widely in Europe and internationally, and collaborates with other architectural and engineering firms to enable delivery from design development to construction.

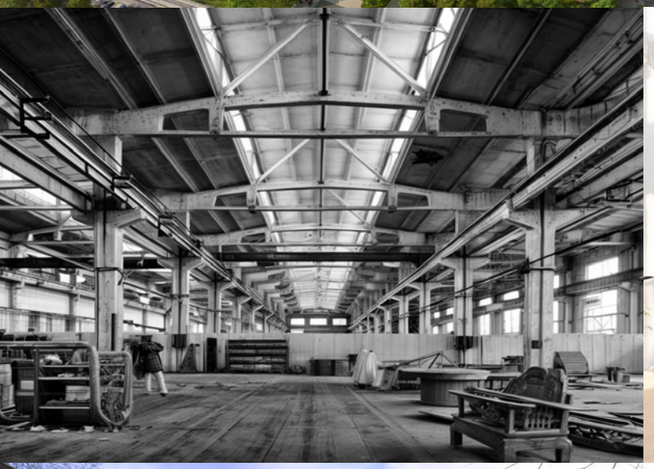
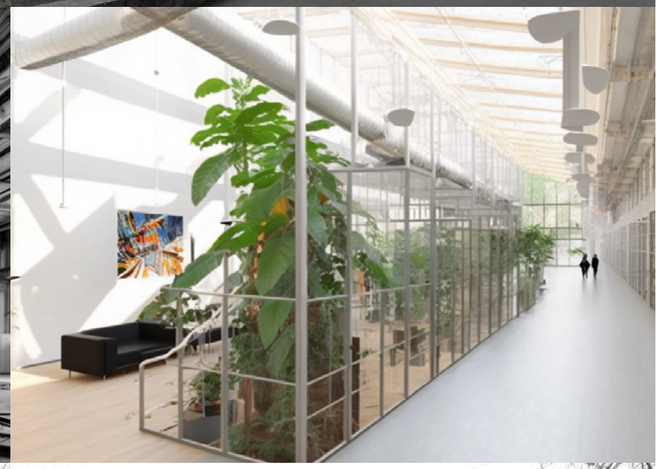
STERLING PRESSER ARCHITECTS+ENGINEERS delivers aesthetic and sustainable projects that combine the quality of life and environmental protection. The studio is member of the German Sustainable Building Council with an active role.

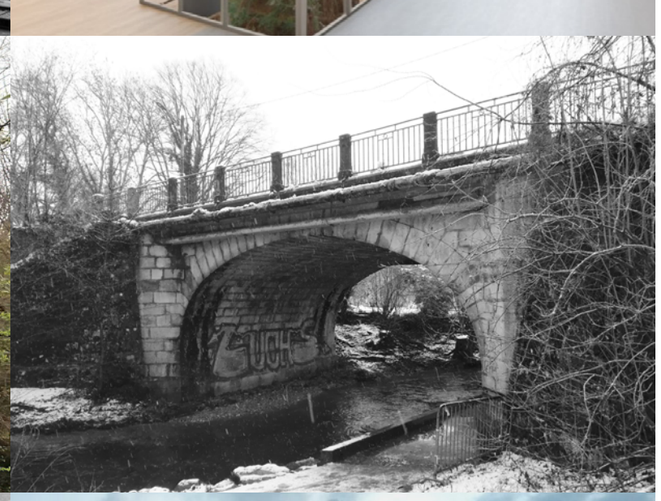
AREAS OF ACTIVITY
PUBLIC + PRIVATE SECTOR

- Architecture, buildings + housings
- Innovative environmentally sustainable office
- Sport venues
- Culture venues
- Monuments and sacred space
- Renovation of existing buildings
- Infrastructure / Footbridges and bridges
- Urban Design/ Masterplans
- Interior Design

DGNB
Deutsche Gesellschaft für Nachhaltiges Bau
German Sustainable Building Council





Services

What we do
We deliver innovative, elegant and sustainable projects. We design buildings, infrastructures, masterplans, interiors and objects with the common goal: to achieve sustainable projects. We design with the future in mind. Our team works on the questions of our time: can we change the way we currently live, work and circulate. Our thorough understanding of local markets and regulatory environments enables us to deliver appropriate solutions for all client objectives and for all types of buildings.

Architectural Design
We offer comprehensive architectural design services that prioritize sustainability and adaptability. By deeply examining project briefs, we ensure our designs promote environmental improvements and address evolving needs. With a flexible team structure, we facilitate seamless project development and coordination, collaborating with various stakeholders. From initial concept to construction, we remain committed to delivering innovative solutions through rigorous architectural and design reviews.

Sustainable and Circular Design
We are committed to sustainable and circular design principles, viewing the earth as a closed system with no room for waste. We recognize the urgent need to reduce CO2 emissions outlined in global agreements like the Kyoto Protocol and Paris Agreement. By embracing regenerative construction practices, we believe cities can become carbon sinks and foster equitable development. Our approach aims not only for climate neutrality but also climate positivity, promoting new value systems and equitable societies. We advocate for a circular, long-term design approach from the project's inception, requiring collaboration across diverse supply chains to achieve.

Infrastructure Design
A Bridge is defined as a structure built to span a physical obstacle such as a body of water, valley, road, or rail without blocking the way underneath. It is constructed to provide passage over the obstacle, which is usually something that is otherwise difficult or impossible to cross. There are many unique designs of bridges, each serving a particular purpose and applicable to different situations.

Bridge Requalification Pont du Lion, France

Areas of Expertise

Our experienced multi-disciplinary team of architects and engineers provide a comprehensive range of architectural, landscaping, interior design, mechanical, electrical and public health engineering, structural, sustainability and specialist consulting services. Our thorough understanding of local markets and regulatory environments enables us to deliver appropriate solutions for all client objectives and for all types of buildings.

Culture and Art
Cultural projects are often included in larger efforts aimed at regeneration and investment. However, due to limited funding, institutions are faced with the challenge of constantly improving and modernizing their facilities and infrastructure, while always striving to provide more perceived value for taxpayers' money.ing institutions are tasked with continually evolving and updating themselves, their facilities and their infrastructure, whilst at all times delivering more perceived value for money for taxpayers.

Sports, Community and Recreation
Sports, community and recreation projects are key as they gather public together in integrated facilities that create experience, where architecture and engineering are closely connected.

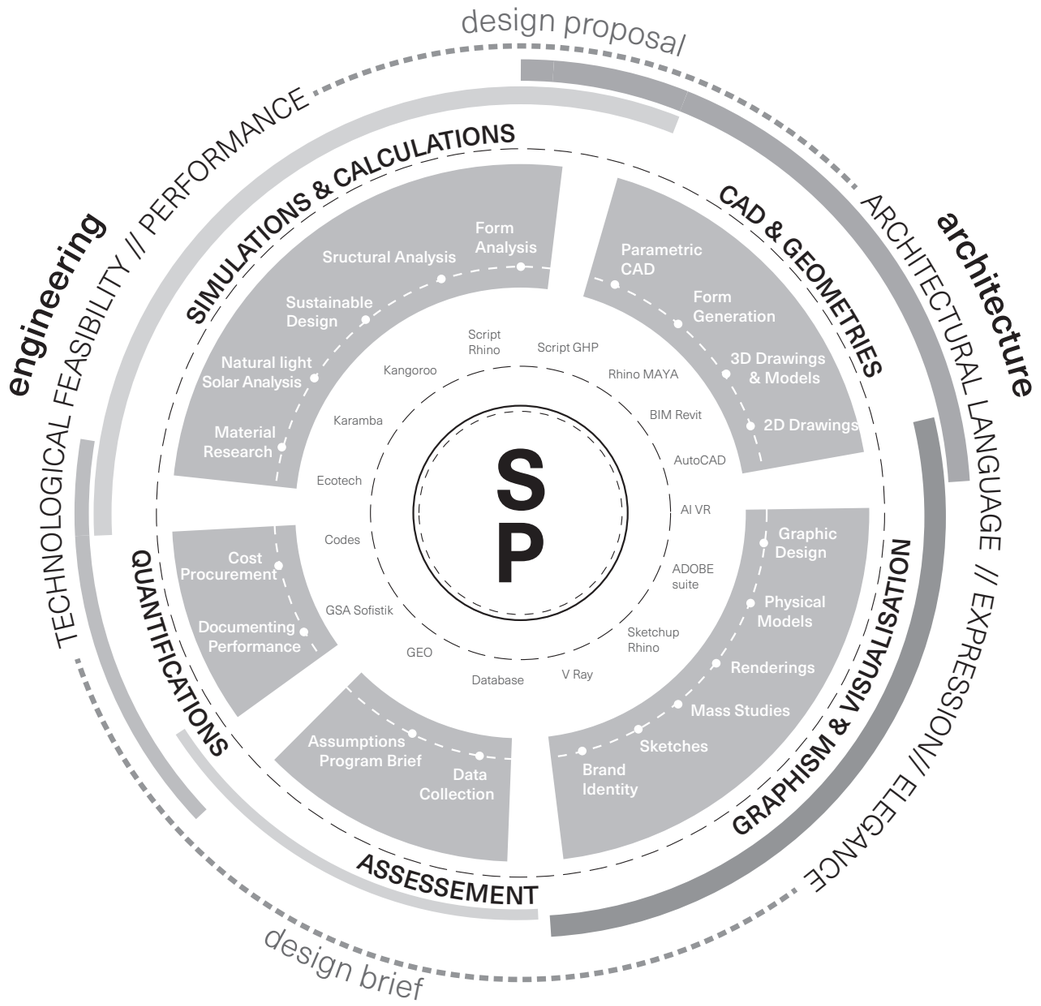
Offices / Living
There are thought to be over 3 billion people working in offices around the globe, employed in a vast array of occupations, and working in a wide variety and standard of accommodation. We understand their needs and integrate architecture, structural and services design to provide superior commercial buildings that cost less to run and are designed with sustainability awareness.

Infrastructure
A key requirement in creating the infrastructure of the future will be to ensure that projects are delivered at a scale and speed never achieved before, while also adapting to changing climates and environments.

Hospitality and Interior design
We create spaces that define the guest experience. From hotels to luxury resorts, our team combines architectural vision and interior design expertise to deliver environments that are welcoming, efficient, and rooted in both place and purpose.

Sustainability
Buildings are causing 40 percent of the world's CO^2 emissions. We owe it to our future generations to ensure that the buildings we design use as little non-renewable energy as possible. We use the latest green building technologies to achieve that goal while at the same time trying to maintain the delicate balance of environmental, social and economic factors - developing healthy spaces that provide inspiration and delight whilst being cost effective and easy to realize.

Workflow



The Way We Work

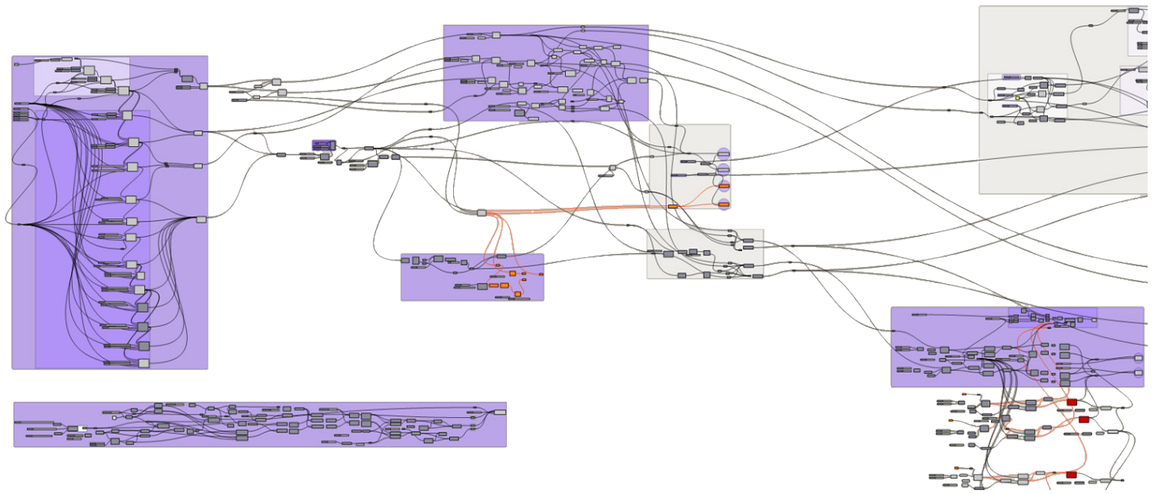
Interdisciplinary
We are a team of architects, designers, engineers, geometry specialists and entrepreneurs. Our aim is to combine creative disciplines beyond the traditional construction model. The question of the social function in both engineering and architecture combined with the growing importance of technical expertise in design are bringing the two disciplines ever closer together, creating cross-over and giving rise to hybrid (“emergent”) fields of study.

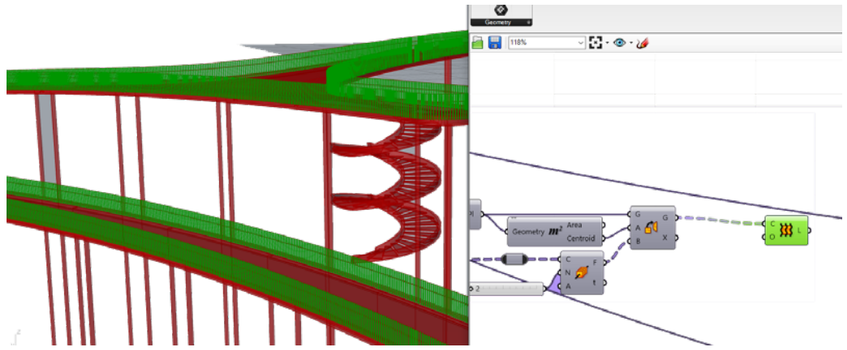
Integrated design
The uniqueness of our studio is to create a unique architectural and engineering workflow that we call “Integrated Design”. We believe that successful projects are the result of collaborations between disciplines. We want to create unexpected solutions and be able to make new design dreams technically feasible.

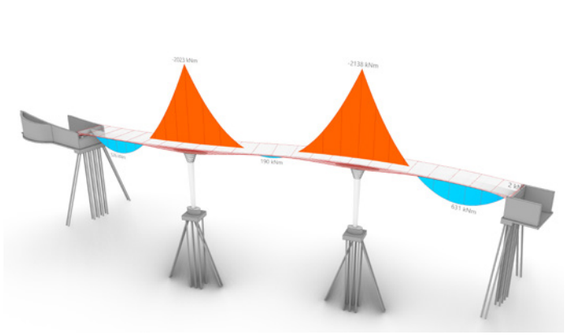
Creative abrasion
We often refer to the concept of “creative abrasion” processes where ideas rub together productively, as opposed to destructively! In the making of a project, in the genesis of an idea, we can very often experiment with the division of labor, where each discipline leads the idea in different branches and directions without having to examine the coherence of the project. This weakens the strength of the original essential idea.

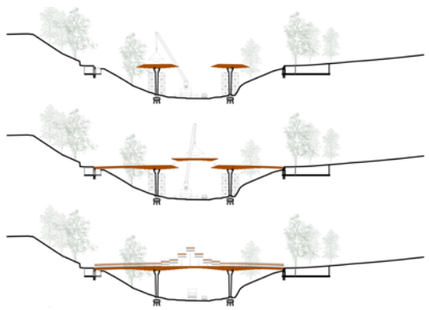
Feasible designs
The integration of architectural design and engineering reviews facilitates dialogue in the design process to make new dreams achievable and technically viable. This process is efficient, cost effective and protects the primary integrity of ideas throughout the process. It does include a review of material optimization, construction methodology, and sustainable impact in order to deliver an optimum architectures and structures. We care specifically that the architectural concept embeds and optimizes the constructive process. We strive for design excellence within the given program and budget, resulting in healthier projects that improve the quality of life.

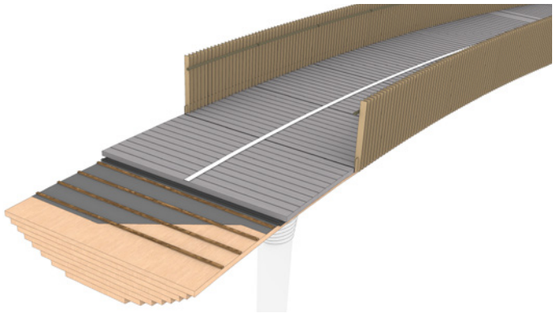
Cross fertilization
By working together from the outset of any new project, architects, designers and engineers combine their knowledge to achieve optimal integrated design to provide a more sustainable built environment. Our team combines the most advanced 3D technology to model, simulate, analyze, draw and visualize with traditional methods of sketching and narration to stimulate intuition and creativity.

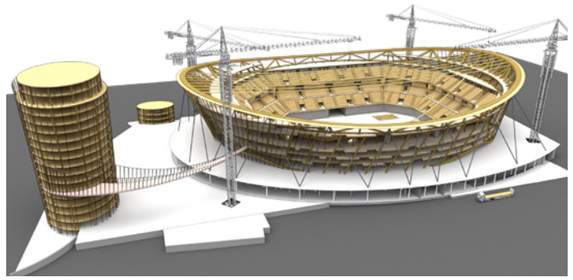












Architecture and technology design process

State of the Art
Innovation comes from an open minded and pragmatic approach to design. It is often equated with an invention, a new idea. But it is more than just that. It is also about the path and the process: behind every good innovation, there is always an extraordinary pattern of thought that leads to the formulation of the idea and its delivery. A novel concept must also stand the test of time and benefit for the architectural project and to the society as an extent.

Computational design
We employ creative and innovative architecture, technology, and computational design across all project stages to swiftly simulate and communicate architectural and engineering principles with detailed information. Computational design in architecture utilizes technology and algorithms to analyze and refine designs quickly, enabling rapid concept simulation and communication. This fosters multidisciplinary collaboration, streamlines the design process, and promotes innovation, ultimately improving project delivery.

Integrated modeling
Integrated modeling in architecture fosters collaboration among all disciplines within a single, dynamic modeling environment, facilitating proactive coordination and spatial substantiation of architectural principles. This unified approach breaks down barriers between disciplines, promoting creativity and integration. Applications such as multi-objective optimization and real-time simulation further enhance design outcomes for clients and end-users within the context of Building Information Modeling (BIM).

Parametric design
Parametric processes, particularly of geometry are a massive part of the approach. Geometry is a huge topic on design development. Programming and numerical wizardry is a requisite these days of all our staff on projects adding value by having mathematical and scripting expertise . We will add value to the architectural workflow process by helping to work with them to define surfaces, lines and points.

Virtual reality (VR)
Virtual reality (VR) in architecture refers to the use of immersive digital environments to visualize and experience architectural designs. Our clients can explore buildings and spaces in a lifelike virtual environment before construction begins. VR enables real-time interaction and evaluation of designs, enhancing communication, understanding, and decision-making throughout the design process.

Artificial intelligence (AI)
Artificial intelligence (AI) is utilized in the design process by architects to automate tasks, analyze data, and generate design solutions. It assists in tasks like generating design options, optimizing building performance, and predicting user behavior. AI streamlines workflows, enhances decision-making, and fosters innovation, ultimately enabling architects to create more efficient, sustainable, and user-centric designs.

Location

The studio is based in Berlin at Lepsius Straße 42, 12163 BERLIN.

Our team is connected locally in Berlin but working within an international and multi-cultural network. Our previous experiences in Paris and London give us a solid European base. This means that our team works flexible and is able to connect, function and build tailor-made teams to react to specific projects and schedules.

Elke Sterling-Presser + Nicolas Sterling Photo: Jannike Stelling

Co-founders

STERLING PRESSER ARCHITECTS+ENGINEERS, co-founded in 2018 by French Engineer-Architect Nicolas Sterling and German Architect Elke Sterling-Presser, brings together 40 years of combined experience in the fields of Architecture and Structural engineering. With a focus on design excellence and sustainability, we specialize in creating remarkable architectural landmarks and structurally sound projects worldwide.

Our portfolio encompasses a diverse range of programs, from designing intricate objects and sculptures to developing multi-programmatic theaters and bridges. We possess the expertise to deliver in various cultural and geographic contexts, fully comprehending the challenges and impacts that arise when working on ambitious projects in unexpected settings.

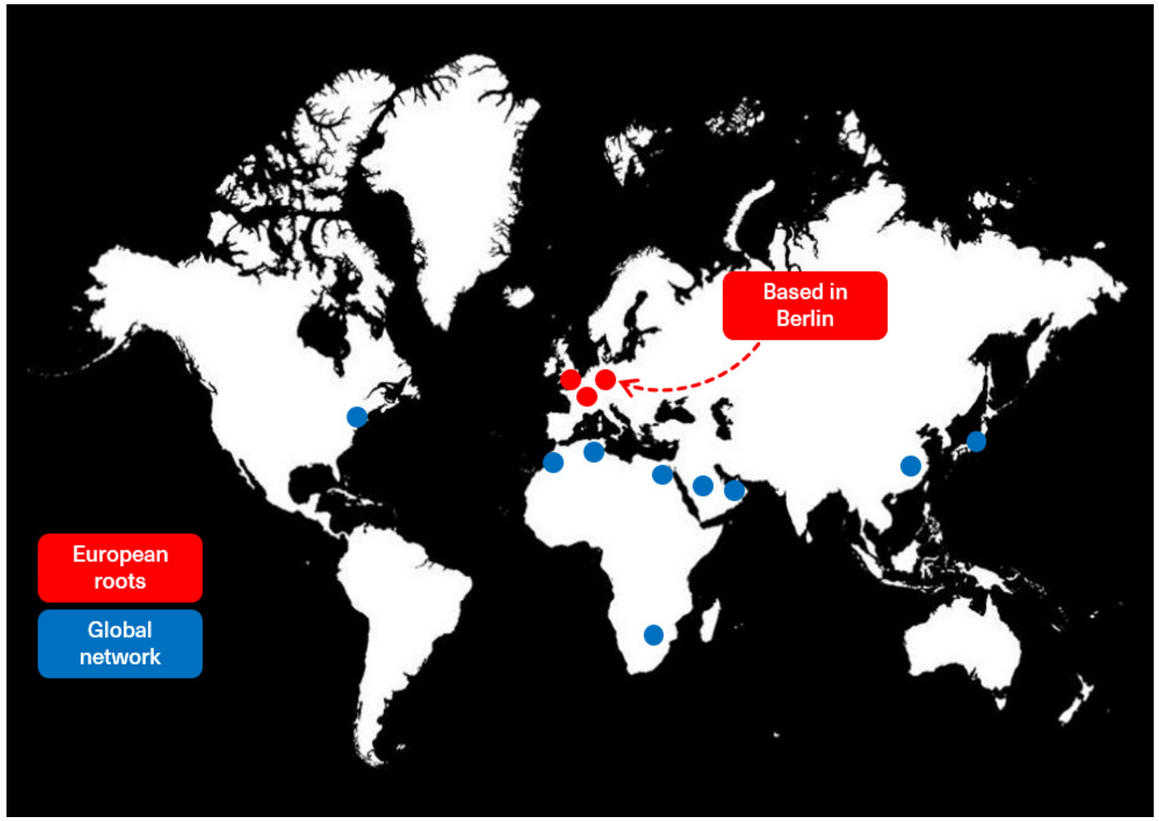
Nicolas Sterling and Elke Sterling-Presser, the visionary founders, joined forces after successfully managing numerous international projects in renowned architectural and engineering offices based in Paris and London. Their extensive experience and design-oriented approach have consistently contributed to the excellence of architectural projects within their respective fields.

At **STERLING PRESSER** ARCHITECTS+ENGINEERS , we are committed to pushing boundaries and creating innovative solutions that blend functionality, aesthetics, and environmental consciousness. We prioritize sustainable design practices and incorporate them into every aspect of our work. By harmonizing our architectural vision with structural engineering expertise, we strive to deliver exceptional results that leave a lasting impact on the built environment.

Our team is passionate about collaboration and working closely with clients to fully understand their unique requirements and aspirations. **STERLING PRESSER** ARCHITECTS +ENGINEERS believes that effective communication and a deep understanding of the project's context are paramount to achieving outstanding architectural solutions. Through a holistic approach that considers both the artistic and technical aspects, we ensure that our designs not only meet the highest standards but also exceed expectations.

Office Structure

Our team works from Berlin within a strong european network and connects internationally with a large network of consultants and professionnals. The office structure design and delivers following an agile structure that provides flexibility to our clients.



Team

MANAGEMENT

Nicolas Sterling
Elke Sterling-Presser

TEAM

Julijana Steimle, project architect
Jao Wan Ying, project architect
Ghaith Tisch, project architect

Yuki Hamaue, engineer
Seraphin Bouchard, architect & parametric designer
Hannah Dalston, architect
Aigul Khasanova, architect & parametric designer
Jessica Kong, architect
Artemis Koumparelou, architect
Matteo Montesi, architect
Hatice Nur Bül Bül, architect
Ghaith Tisch, BIM modelling
Sevki Yapici, architect
Jao Wan Jing, landscape architect
Zoe Zeitler, expert sustainability environment

Deepak Ahlawat, Business development & public relation
Hugo Le Corre, Business development & public relation
Léo Lacassin, Business development

NICOLAS STERLING

CO-FOUNDER, DIRECTOR
STRUCTURAL ENGINEER CNAM, EURO ING, CENG, MICE
ARCHITECT DPLG

Nicolas Sterling is a structural engineer and architect, qualified and chartered. He is a graduate of the Conservatoire National des Arts et Métiers in Paris and the Paris La Villette School of Architecture.

He founded **STERLING PRESSER** in 2018, a consulting firm in architecture and engineering, based in Berlin. He was previously Associate Director of AKTII Adams Kara Taylor, managing a group delivering buildings and special structures, composed of 12 engineers and technicians. He joined ARUP AGU's Advanced Geometry Unit in 2005, a team of specialists within ARUP led by Cecil Balmond, and was part of the ARUP Building Engineering Group in London until 2011. His design-oriented approach and interest in innovative forms and structures has enabled him to work on cutting-edge design projects with leading architectural and design firms such as Zaha Hadid, Shigeru Ban, Ron Arad and Anish Kapoor, and has been involved in a wide range of programmes such as sculptures, canopies, buildings and walkways in a design approach.

He believes that successful architectural projects result from interdisciplinary collaboration, bridging art and science, enabling STERLING PRESSER to create unexpected design solutions and make what appear to be dreams feasible.

Nicolas is passionate about emerging technologies and the process of creativity in design, and motivated by the connection between architecture, design and engineering, by experimentation and cross-fertilization between disciplines. Prior to 2005, Nicolas worked with Hugh Dutton in the HDA office in Paris on lightweight structures, long span walkways and facades, developing technical concepts and details as a key point in the architectural process. Nicolas regularly gives lectures and reviews in architecture and engineering schools.

SELECTED PROJECTS STERLING PRESSER, CO FOUNDER DIRECTOR

Energy tower, Bergkamen, Germany

Taiyuan Plot 9 Botanic Garden, China

Taiyuan Park Bridge, Taiyuan, China

Requalification Pont du Lion, Saint Génis, France

Arena, Berlin, Germany

WH Arena, Vienna, Austria

Taiyuan Park – Outdoor Water Theatre, Taiyuan, China

EDUCATION

1997 – 2004: Conservatoire National des Arts et Métiers, Paris

"Master Degree" in Civil Construction, 2004.

1994 – 2002: School of Architecture Paris La Villette, Paris

Architect DPLG, 2002.

ENTREPRENEURSHIP

2018 – present: STERLING PRESSER Architects + Engineers, Berlin, Germany.

Co-founder and Director

STERLING PRESSER is an international studio for architecture, planning and design. The studio aims at bringing together the disciplines of **architecture**, **engineering and sustainability**. The studio delivers innovative, complex and world class projects focusing on **low carbon buildings** and **green mobility infrastructures**.

2018 – present: STERLING Engineers, Berlin, Germany.

Founder and Director

STERLING ENGINEERS is a design led structural engineering consultancy working in **collaboration** with designers, artists, architects within the creative building, construction and art industry, supporting **bespoke projects** from the very first concepts to the realization & construction.

EXPERIENCE

2011 – 2017: AKTII / Adams Kara Taylor, London

Structural and Civil Engineering Consultant.

Associate Director.

In charge of the design and delivery of complex structures and iconic architectural buildings, and managed a large team of structural engineers and technicians.

2009 – 2011: OVE ARUP BEL6, London

Structural Engineering Consultant.

Senior Engineer.

2005 – 2009: ARUP AGU Advanced Geometry Unit, London

Consultant structural engineering and complex geometries, group led by **Cecil Balmond.**

Structural engineer.

Collaborated with prize-winning designers and architects worldwide, including small objets to large buildings and footbridges.

1999 – 2005: HDA Hugh Dutton Associates, Paris

Steel and facade specialist design consultant.

2002 – 2005: *Structural Engineer – Architect.*

1999 – 2002: *Student Engineer Architect*, part time.

1994 – 1999: Internships and Training

In various engineering and architecture offices, Paris.

On site constructions, Seine et Marne.

SKILLS

Management and leadership
Innovative concepts & realistic feasibility
Cost and fabrication interface
Design & delivery of complex architectural forms
Interface with other disciplines and coordination
Rationnalisation and optimisation technics
Sketching & story telling

PROF. ASSOCIATIONS AND MEMBERSHIPS

Member of Institution of Civil Engineers ICE
Euro Engineer FEANI
Member of Baukammer Berlin
Member of the AAIIA

French association architects-engineers

Member of SOLAR IMPULSE FOUNDATION

Foundation for solutions to fight Climate Change

Member of DGNB

German and european network for sustainable building

Member of Phase Nachhaltigkeit Initiative
Member of NAX Network Architekt Export
Member of the FCIB

Real Estate and Construction Group in Berlin

VOLUNTEERING AND PUBLIC SERVICE

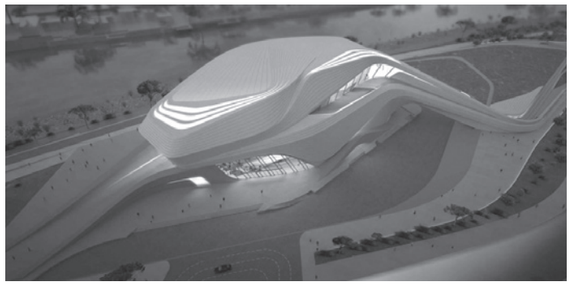
French Trade Advisor (CCEF Conseiller du Commerce Extérieur de la France) (2021 -)

Part of 4500 network connections of french entrepreneurs worldwide, focused on 4 missions (advising public authorities, supporting businesses, training and promoting attractivity).

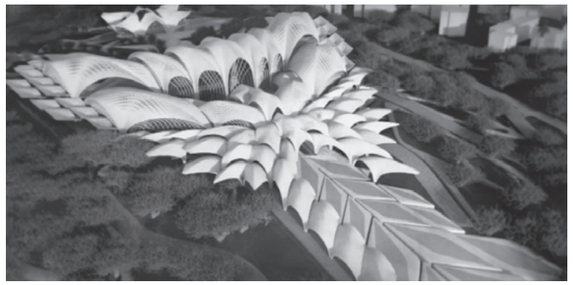
LANGUAGES

French (Native)
English (Fluent)
German (B2)

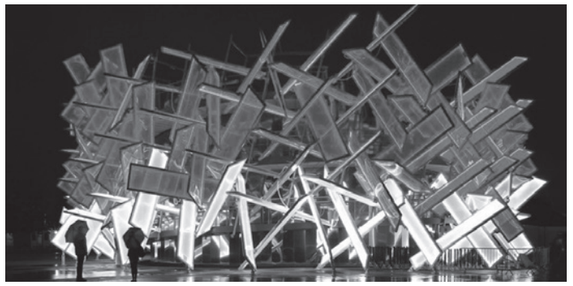
SELECTED PROJECTS AS ENGINEER / SENIOR ENGINEER EXPERIENCE



Grand Théâtre Rabat, Rabat, Morocco (2010 – 2017)
Zaha Hadid Architects
Project lead



Presidential palace and administrative building, Algier, Algeria (2014)
Zaha Hadid Architects
Project lead



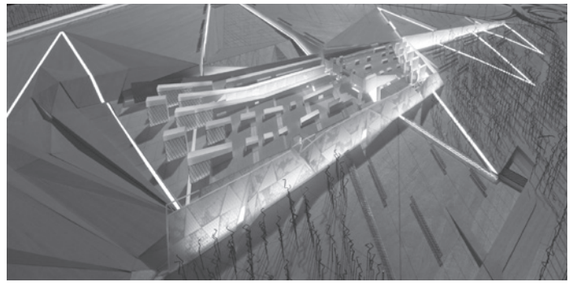
Coca Cola Pavilion, Olympic park (2012)
Architects P&A
Facade and structure design lead

Crouch Hill community centre and schools (2010)
Architects Penoyre & Prasad
Structural engineer and site supervision

King Abdullah Sport City (KASC), Facades Stadtium, Saudi Arabia (2010)
Architects Arup Associates
Structural engineer for the 15 000 m² steel and aluminium structure facade

King Abdullah Petroleum Studies and Research Centre (KAPSARC), Riyadh, Saudi Arabia (2009), Zaha Hadid Architects
Structural engineer for the 15 000 m² steel roof

"School of Islamic Studies" QFIS, Qatar (2009)
Architects MYAA / RHWL
Structural engineer for the mosque and minaret structure



"Grand Egyptian Museum", Giza, Egypt (2006)
Architects Heneghan Peng
Structural engineer, concrete superstructure

SELECTED PROJECTS DELIVERED AS STRUCTURAL DESIGNER

Grand Theatre de Rabat, Morocco
Architects ZHA @AKTII.

Presidential Palace, Algiers, Algeria
Architects ZHA @AKTII.

Coca Cola Pavilion, London, UK
Designer Asif Khan @AKTII.

Ashmount community centre
Architects Peynore & Prasad @AKTII.

KASC Stadium, Saudi Arabia
Arup associates @ ARUP BEL6.

KAPSARC, Saudi Arabia
Architects ZHA @ ARUP BEL6.

QFIS, School of Islamic Studies, Qatar
Architect MYAA Ali Mangera @ ARUP BEL6.

Grand Egyptian Museum, Cairo
Architect Heneghan Peng @ ARUP AGU/BEL8.

Danish Pavilion, Shanghai, China
Architect BIG

The Morning Line, Sevilla, Spain
Artist Matthew Richie @ ARUP AGU.

The Tall Tree and the Eye, London, UK
Artist Anish Kapoor @ ARUP AGU.

Net Bridge, Beirut, Lebanon
Artist Nadim Karam @ ARUP AGU.

Reuil 2000 footbridge, Rueil, France
Architect ANMA @ HDA.

Winter olympic footbridge, Torino, Italy
Architect Engineer @ HDA.

Drugstore Publicis facade, Paris, France
Architect Michele Saee @ HDA.

SELECTED COMPETITIONS DELIVERED AS STRUCTURAL DESIGNER @ ARUP AGU

Crystal Island, People tower, Shenzen, China
Architects BIG.

Mississauga tower, Canada
Architects Michel Rojkind.

Victoria Harbour Bridge, Hartlepool, UK
Artist Anish Kapoor.

Engadine private airport, St Moritz, Switzerland
Architects Hosaya Schaeffer.

Sheikh Zayed National Museum, Abu Dhabi
Architects Shigeru Ban.

LM Project, bridge / tower, Copenhagen, Denmark
Architects Arkitema and Cecil Balmond.

SELECTIED PROJECTS DELIVERED AS ARCHITECT - ENGINEER @ STERLING PRESSER

Taiyuan Theatre Entrance Bridge, Taiyuan, China
Collaboration with SOL, built.

Outdoor Theatre, Taiyuan Park, China
Collaboration with SOL, built.

Service Building, Taiyuan, China
Collaboration with SOL, built.

Lion Bridge requalification, Saint Genis, France
Collaboration with LOBOX, STRAINS, BUCA, built.

SELECTED DESIGN/STUDIES DELIVERED AS ARCHITECT - ENGINEER @ STERLING PRESSER

Green mobility infrastructures

Pedestrian and cycle bridge, Bedburg, Germany
Collaboration with AdF. Winning 1st Prize.

Pedestrian and cycle bridge, Ahrtal, Germany
Collaboration with Werner Sobek / RMPSL. 2nd Prize.

Pedestrian and cycle bridge, Heidelberg, Germany
Collaboration with AdF, A24 Landschaft.

Pedestrian and cycle bridge, Bramsche, Germany
Collaboration with BPR, mahl gebhard konzepte.

Pedestrian and cycle bridges, Blois, France
Collaboration with AdF, A24, AIA.

Pedestrian and cycle bridge, Ilersteg, Germany
Collaboration with Buro Happold.

Low carbon buildings

Tartu cultural centre, Tartu, Estonia
Collaboration with WEST8, KUUBIS, Platform78.

WH ARENA, Vienna, Austria
Collaboration with Thornton Tomasetti, WOO, A24, TS.

Jahnsportpark stadium, Berlin, Germany
Collaboration with Thornton Tomasetti, A24, PSP.

Sport Arena and landscape, Vienna, Austria
Collaboration with Thornton Tomasetti, A. Wimmer.

Ostbahnhof new office building, Berlin, Germany
Collaboration with Transsolar.

"Aus der Tief in der Höhe", Begkamen, Germany
Collaboration with TEUFFEL, 2nd Prize.

Warehouse conversion, museum, Sifang, China
Collaboration with SOL, 1st Prize.

Eco village masterplan, Taiyuan, China
Collaboration with SOL.

E car smart city, Wenzhou, China
Collaboration with SOL.

WORKSHOPS/ SEMINARS / REVIEWS

The Skyhive edition 6: 2023, “Timber skyscraper Challenge”, Projects review and award, Online.

Buildner architectural competition: 2023 “Memorial for witches”, Projects review and award, Online.

Universität der Kunst: 2022, “End of the year review”, Berlin, Germany.

TU Universität: 2016 - 2017,“KP Konstruktiv Projekts”, Braunschweig, Germany.

Pont Formation Édition: 2005 – 2014 , „Equipment of footbridges cycle, design and build pedestrian footbridges”, Ecole des Ponts et Chaussées, Paris, France.

EIABC University: 2014, “Prototype facade” workshop, Addis Ababa Ethiopia.

KTH: 2013, “AKTII” Workshop, Stockholm, Sweden.

Bartlett, UCL: 2010 - 2012, Naja De Ostos Unit, London, United Kingdom.

MET: 2009, "Structure - Materials" mid term review, London, United Kingdom.

Akademie der Bildenden Kunste: 2009-2010, "Scale Shift" studio, reviews withProf. Hiromi Hosoya, Vienna, Austria.

Architectural Association: 2009, Naja De Ostos Unit, London, United Kingdom.

Xian University: 2009, “Parametric prototypes”, exhibitions and workshops, Xian, China .

Architectural Association: 2006, supporting role in "Make" studio with Charles Walker and Martin Self, London, United Kingdom.

LECTURES

Pecha kucha: 2023, NAX annual meeting, Berlin, Germany

Footbridge International conferences: 2022, “Design and delivery of Pont du Lion project”, Madrid, Spain.

Footbridge International conferences: 2022, “Creating Momentum”, Madrid, Spain.

TU Berlin: 2020, "Works of Sterling Presser" Berlin, Germany.

TU Berlin: 2019, “Brücken in Deutschland”, Berlin, Germany.

Architectural Association: 2019,"Works of Sterling Presser “, London, United Kingdom.

Rhino Lectures: 2017, “Work in progress “, Berlin, Germany.

Footbridges Conference: 2017, “Brommy New Footbridge “, Berlin, Germany.

WAF: 2017, “Brommy New Footbridge – The Flowing Bridge”, Berlin, Germany.

IASS Conference: 2017, “Grand Theatre de Rabat “, Hamburg, Germany.

Facades Conference: 2014, “Facades concepts and prototypes”, Addis Ababa, Ethiopia.

AKT Technical Lectures Series : 2014, “Grand Théâtre de Rabat design », London, UK.

Parametric Prototypes lecture and exhibition: 2009, “Bridging “, Xian, China.

Akademie der Bildenden Kunste: 2008, “The Morning Line”, Vienna, Austria.

Architectural Association: 2007, “Work in progress”, London, United Kingdom.

Sofistik Seminar: 2007, “The Egyptian Museum”, Munich, Germany.

EPF School: 2003, “Work in progress”, Sceaux, France.

APK Awards: 2002, “Orleans footbridge design”, Paris, France.

AWARDS

Eiffel Prize: 2023, “Lion Bridge Requalification”, mention

Architizer A+: 2023, “Jahnsportpark”, finalist Unbuilt sport and recreation

Architizer A+: 2022, “WH arena”, finalist Unbuilt sport and recreation

BREEAM High Score Award: 2012, Crouch Hill Community Centre, Education Sector.

Steel Award: 2011, “Danish Pavilion”, Detail magazine, Special Mention.

Arcelor Architecture and Steel Award: 2002, “Passerelle d’Orléans”, 3rd prize.

APK Award: 2002, “Passerelle d’Orléans”, 1st prize.

SELECTED EXHIBITIONS

03/2023-05/2023: Sterling Presser, “DA! Day of architecture”, Stilwerk, Berlin, Germany

02/2022-03/2022: Sterling Presser, “Gallery Steglitz”, Berlin, Germany

08/2017-09/2017: Sterling Presser, “Everything Flows – Alles fliesst”, Schoenberg, Gallery Subject Object, Berlin, Germany

07/2014-08/2014: Keleloko, “Exhibition selected work”, London.

04/2008-05/2008: Exhibition “Parametric Prototypes”, Danish Pavilion, AGU, China, 2008.

ELKE STERLING-PRESSER

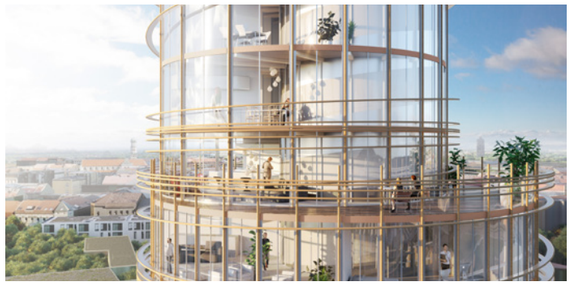
CO-FOUNDER, DIRECTOR
ARCHITECT, DIPL. ING. MA AAD, ARB

Elke Sterling-Presser is a licensed German Architect and Entrepreneur. Elke is Director of **STERLING PRESSER** since 2018, co-founded in Berlin with engineer-architect Nicolas Sterling.

Elke Sterling-Presser holds an advanced Master of Architecture degree from the SAC-Städelschule at the "Staatliche Hochschule für Städelschule Bildene Künste", Frankfurt am Main, Germany, under the supervision of Prof. Ben Van Berkel, Prof. Johan Bettum and Prof. Mark Wigley. She completed her degree in architecture in Heidelberg, Germany in 2001. Prior to that, she worked for several years in architectural offices in Germany. She is registered with the ARB and the German Chamber of Architecture Berlin.

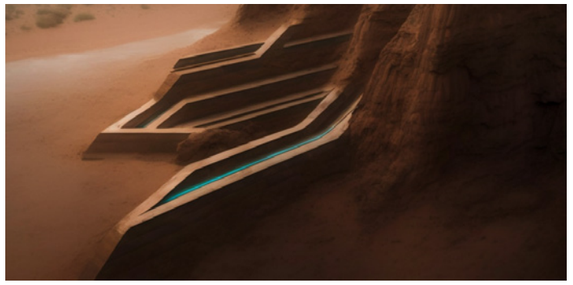
Between 2006 and 2014, she works at Zaha Hadid Architects in London. Her completed projects include the Riverside Museum project, Museum of Transport in Glasgow, the Sackler Gallery Serpentine in Hyde Park, London and the Neil Barrett stores in Tokyo, Seoul, Daegu, Osaka, Beijing, Shanghai, Tianjin, Hong Kong and London. She is the project architect for all Neil Barrett stores and for private residences in San Diego and Brussels. She currently teaches at the UdK in Berlin, and has taught at the University of Greenwich in London between 2013 and 2015. She has been invited for reviews at various schools of architecture, including the AA Architectural Association, UCL Bartlett, Metropolitan University MET, University of Greenwich, London, Städelschule, Frankfurt and the University of Applied Sciences, Heidelberg.

SELECTED PROJECTS STERLING PRESSER, CO FOUNDER DIRECTOR

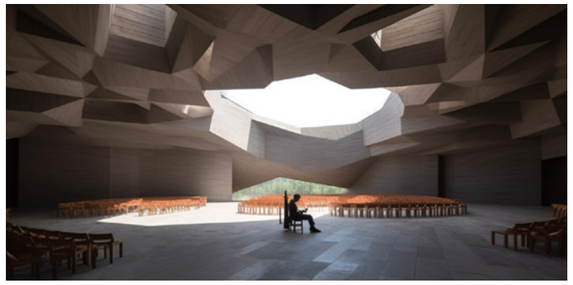


Quatertower – Timbertower, Augsburg, Germany

Plot 9 Tower Buildings, Taiyuan Park, China



Hotel Rocks, Marrakesh, Marocco



Pulpit rock church, Preikestolen, Norway

Water theatre, Taiyuan, China

Lamborghini road monument, San Agata , Italy

Eco village, Masterplan, Taiyuan Park, China

PROFESSIONAL MEMBERSHIPS

Architektenkammer Berlin, Germany
Registration Number: 16145
ARB Royal Institute of British Architects
London, United Kingdom
Registration Number: 074938I

LANGUAGES

German (Native)
English (Fluent)
French (Basic)

SKILLS

Management, Adaptability, Ability to cooperate
Self-motivation, Independence, Engagement
Intercultural Competence

SELECTED BUILT PROJECTS @ STERLING PRESSER

Taiyuan Theatre Entrance Bridge, Taiyuan, China
Collaboration with SOL, built.
Outdoor Theatre, Taiyuan Park, China
Collaboration with SOL, built.
Service Building, Taiyuan, China
Collaboration with SOL, built.
Lion Bridge requalification, Saint Genis, France
Collaboration with LOBOX, STRAINS, BUCA, built.

SELECTED DESIGN/STUDIES @STERLING PRESSER

Low carbon buildings
Tartu cultural centre, Tartu, Estonia
Collaboration with WEST8, KUUBIS, Platform78.
WH ARENA, Vienna, Austria
Collaboration with Thornton Tomasetti, WOO, A24, TS.
Jahnsportpark stadium, Berlin, Germany
Collaboration with Thornton Tomasetti, A24, PSP.
Sport Arena and landscape, Vienna, Austria
Collaboration with Thornton Tomasetti, A. Wimmer.
Ostbahnhof new office building, Berlin, Germany
Collaboration with Transsolar.
"Aus der Tief in der Höhe", Begkamen, Germany
Collaboration with TEUFFEL, 2nd Prize.
Warehouse conversion, museum, Sifang, China
Collaboration with SOL, 1st Prize.
Eco village masterplan, Taiyuan, China
Collaboration with SOL.
E car smart city, Wenzhou, China
Collaboration with SOL.

Green mobility infrastructures
Pedestrian and cycle bridge, Bedburg, Germany
Collaboration with AdF. Winning 1st Prize.
Pedestrian and cycle bridge, Ahrtal, Germany
Collaboration with Werner Sobek / RMPSL. 2nd Prize.
Pedestrian and cycle bridge, Heidelberg, Germany
Collaboration with AdF, A24 Landschaft.
Pedestrian and cycle bridge, Bramsche, Germany
Collaboration with BPR, mahl gebhard konzepte.
Pedestrian and cycle bridges, Blois, France
Collaboration with AdF, A24, AIA.
Pedestrian and cycle bridge, Ilersteg, Germany
Collaboration with Buro Happold.

OTHER SELECTED BUILT PROJECTS

Theater an der Parkaue, Berlin, Germany
Senat for Urban development and housing
Deutsche Oper, Berlin, Germany
Senat for Urban development and housing
Hotel Barcelo MK1, Berlin, Germany
Aukett & Heese Architects
Olaya Metro Station, Riyad, Saudi Arabia
Gerber Architekten
Riverside Museum Project, Museum of Transport, Glasgow, UK
Zaha Hadid Architects
Serpentine Sackler Gallery, Hyde Park, London, UK
Zaha Hadid Architects
Neil Barrett Shop in Shop, Locations worldwide
Zaha Hadid Architects

WORKSHOPS/ SEMINARS / REVIEWS

University of arts/ Universität der Künste: 2023 -, "Digital and Experimental design", Architecture department, Berlin, Germany
University of arts/ Universität der Künste: 2022 -, "Digital and Experimental design", Architecture department, Berlin, Germany
University of arts/ Universität der Künste: 2022, Raumklasse Prof. Gabi Schillig - End of year presentation, reviews, Berlin, Germany

SELECTED PROJECTS AS PROJECT MANAGER / LEAD ARCHITECT

Theater an der Parkaue, Berlin, Germany (2018)
Senate for Urban Development and Housing
Renovation and extension of the theatre

Hotel Barcelo MK1, Berlin, Germany (2017)
Auket&Heese
Concept and design development, Tender, LPH 3–5 phase

Olaya Metro Station, Ryadh, Saudi Arabia (2016)
Gerber Architekten
Management, design, coordination

Neil Barrett Cocoon, Harvey Nichols, London (2014)
Zaha Hadid Architects
Shop and furniture design and delivery

Riverside Museum Project, "Museum of Transport", Glasgow, GB (2006 – 2008), Zaha Hadid Architects
Design, Detail Design, Specification, Tender documentation, Coordination with consultants and engineers. RIBA Stages: F – K

"Serpentine Pavilion", London, Hyde Park, GB (2011)
Zaha Hadid Architects
Design and delivery

Private Residence, San Diego, USA (2009 – 2011)
Zaha Hadid Architects
Design

Neil Barrett Flagship Store, Tokyo, Japan (2008 – 2009)
Zaha Hadid Architects
Furniture and interior design, and delivery

WORKSHOPS/ SEMINARS / REVIEWS

University of arts/ Universität der Künste: 2021, Raumklasse Prof. Gabi Schillig - End of year presentation, reviews, Berlin, Germany

University of arts/ Universität der Künste: 2020, Raumklasse Prof. Gabi Schillig - End of year presentation, reviews, Berlin, Germany

University of arts/ Universität der Künste: 2019, Raumklasse Prof. Gabi Schillig - End of year presentation, reviews, Berlin, Germany

University Liechtenstein, Vaduz, Liechtenstein: 2017, External examina

Architectural Association: 2016, AA Inter 3, Guest critic, London, United Kingdom.

Bartlett, UCL: 2015, Bartlett Design Anthology, Unit 18, Guest critic, London, United Kingdom.

Architectural Association: 2015, AA Inter 3, Guest critic, London, United Kingdom.

University of Greenwich: 2015, Unit 1, Guest critic, Internal critic, Examinant, London, United Kingdom.

University of Greenwich: 2014, Unit 3, Guest critic, Internal critic, Examinant, London, United Kingdom.

University of Greenwich: 2013, Unit 2 Guest critic, Internal critic, Examinant, London, United Kingdom.

Bartlett, UCL: 2014, Naja De Ostos Unit, London, United Kingdom.

Architectural Association: 2014, AA Inter 3, Guest critic, London, United Kingdom.

Bartlett, UCL: 2013, Naja De Ostos Unit, London, United Kingdom.

MET: 2009 "Structure - Materials", mid term review guest critic, London, United Kingdom.

Städelschule: 2006, Lectures Neil Barrett Flagship store Tokyo, London, United Kingdom.

LECTURES

University of arts UdK: 2023, “Crafting Digital Realities”, Berlin, Germany

Pecha kucha: 2023, NAX annual meeting, Berlin, Germany

Professorship HdK Wismar 03.2023, lecture and workshop, Wismar, Germany

University of arts UdK: 2023, “VR (Virtual reality) in Design”, Berlin, Germany

University of arts UdK: 2023, “AI (Artificial intelligence) in Design”, Berlin, Germany

University of arts UdK: 2023, “Architecture, digital and experimental design works of STERLING PRESSER”, Berlin, Germany

LECTURES

University of arts UdK: 2022, “Architecture, digital and experimental design works of STERLING PRESSER”, Berlin, Germany

Professorship University of Weimar: 05.2021, lecture and workshop

Office opening Lepsius Straße: 2021, “Work in progress STERLING PRESSER”, Berlin, Germany

University of arts UdK: 2018 - , “Class of Spatial Design and Exhibition Design, Raumbezogenes Entwerfen und Ausstellungsgestaltung, Institute for transmedia design Lecturer, Workshops”, Berlin, Germany

Technical Universität: 2020, “AI (Artificial intelligence) in Design”, Berlin, Germany

Universität Liechtenstein: Institute of Architecture and Planning Master and Bachelor Studio: 2017 - , “Institute of Architecture and Planning Master and Bachelor Studio”, Vaduz, Liechtenstein.

DAM, Frankfurt, Germany: 2012 - , “Lecture on Zaha Hadid Projects”

Städelschule: 2011, “Lecture about my work experience”, Frankfurt, Germany

Zaha Hadid Studio: 2009 "Structure - Materials", London, United Kingdom.

SELECTED AWARDS

Eiffel Prize: 2023, “Lion Bridge Requalification”, mention

Architizer A+: 2023, “Jahnsportpark”, finalist Unbuilt sport and recreation

Architizer A+: 2022, “WH arena”, finalist Unbuilt sport and recreation

SELECTED EXHIBITIONS

03/2023-05/2023: Sterling Presser, “DA! Day of architecture”, Stilwerk, Berlin, Germany

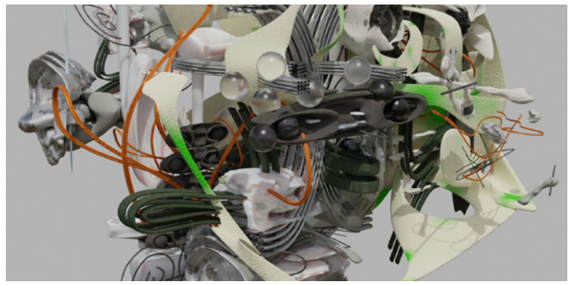
02/2022-03/2022: Sterling Presser, “Gallery Steglitz”, Berlin, Germany

08/2017-09/2017: Sterling Presser, “Everything Flows – Alles fliesst”, Schoenberg, Gallery Subject Object, Berlin, Germany

07/2014-08/2014: Keleloko, “Exhibition selected work”, London.

SELECTED PROJECTS TEACHING ELKE STERLING-PRESSER UNIVERSITY OF ARTS IN BERLIN

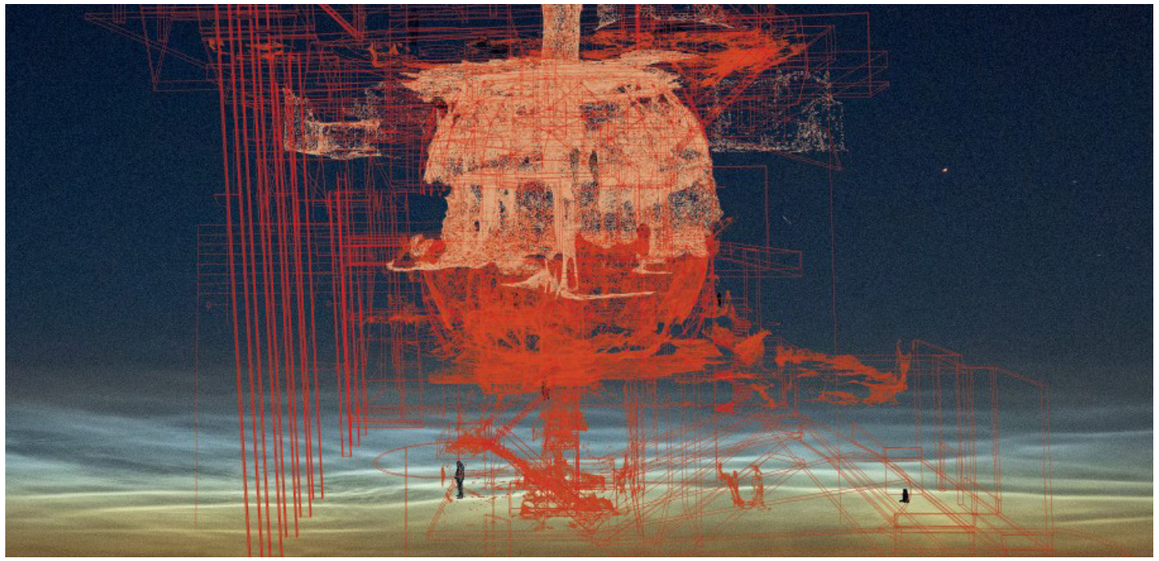
Teaching Elke Sterling-Presser UdK 2019



Teaching Elke Sterling-Presser UdK 2020

Teaching Elke Sterling-Presser UdK 2021

Teaching Elke Sterling-Presser UdK 2022



Teaching Elke Sterling-Presser UdK 2023

Teaching Elke Sterling-Presser Greenwich university London 2015

Teaching Elke Sterling-Presser Greenwich university London 2016

Steimle, Julijana

PROJECT ARCHITECT / PARAMETRIC DESIGN

Julijana Steimle joined STERLING PRESSER Architects Engineers as a project architect in 2021.

She worked as an project architect on various projects worldwide.

She completed her Bachelor in Architecture in Skopje and her postgraduated Master Degree at the Städelschool in Frankfurt, Germany.

EXPERIENCE

2021 – present: STERLING PRESSER, Berlin, Germany
Project architect
2018 – 2021: David CHIPPERFIELD Architects, Berlin, Germany
Project architect
2010– 2018: Gerber International Architekten, Berlin, Germany
Project architect
2006– 2010: AHMM, London, UK
Architect

PROJECTS

Arena, Taiyuan, China
Sterling Presser Architects Engineers
Tower, Hamburg, Germany
David Chipperfield Architects
Stadium, Milan, Italy
David Chipperfield Architects
Metrostation, Riad, Saudi-Arabia
Gerber Architects

SKILLS

Project architect
Architectural design and delivery
3D Digital design and modelling, parametric generation
BIM
Revit/ Autocad/ Rhinoceros (Grasshopper)/ Twinmotion
LUMION/ 3D MAX/ Photoshop/ Illustrator/ CorelDraw/Indesign
Design and graphics
Integration and translation of complex programs

EDUCATION

2004– 2006:
Postgraduated master, Städelschule, Frankfurt, Germany
2000– 2004:
Bachelor Architecture, Skopje, Mazedonia

LANGUAGES

English
German
Macedonian

2021 – PRESENT
PROJECTS

Arena, Taiyuan, China
Project architect

Tower, Hamburg, Germany
BIM, parametric design, coordination

Stadium, Milan, Italy
Project architect

Metrostation, Riad, Saudi-Arabia
Architect/ Parametric designer

JORGE MARTIN SEGURA

CHARACTER ARTIST, HOUDINI ARTIST

Living in Berlin (Germany), Jorge Martín is an Vfx Houdini Artist and Technical Artist born in 1983 in Segovia Spain.
He started Film and Tv production in C.E.S Madrid and started as asociate editor at Paramount Comedy in Madrid. After two years in editorial, he started Studies in Illustration and comunication Design in The School of Arts in Segovia where he had his first Contact in the 3d World who will change the direction of his proffesional career forever.

During the last 10 year he has worked and he has been involved in different Projects in the Game and Vr fields, releasing games, both for Vr and Game Consoles Platforms as 3D Generalist, Character Artist, Lead Character Artist and Vfx Artist.
From 3 person Shooters to multiplayer network games, to inmersive first person adventures, coding or designing, Jorge delivers and amazing performance both Human and Artistic who always satisified the needs and requirement of the project.

As a Film lover, Jorge switched to the Film Industry two years ago where he has been involved in Projects for Clients like Netflix, Amazon and Disney developping Vfx and Pipelines in Houdini.

Not the most important aspect about his person but something to take in account about him .....Jorge Dream in Pixels.

ERIC DE BROCHE DES COMBES

CO-FOUNDER, DIRECTOR, LUXIGON
ARCHITECT DPLG, VISUAL ARTIST, GRAPHIC DESIGNER

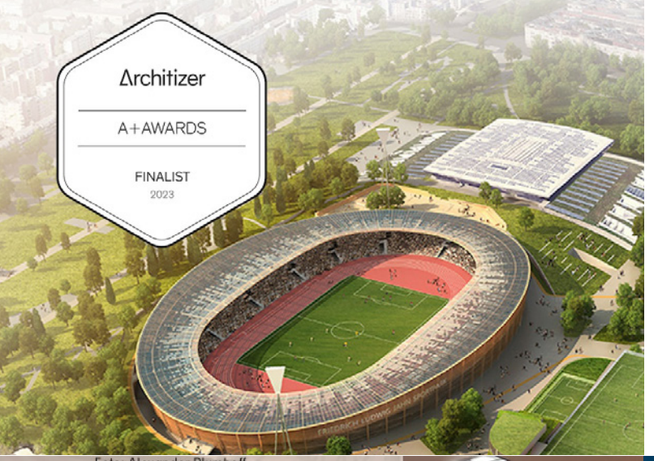
Based in Paris (France), Eric de Broche des Combes is an architect and graphic designer born in 1971 at le Corbusier's Citée Radieuse in Marseilles. He studied architecture under the sun at the Ecole Nationale Supérieure d'Architecture de Marseilles until 1997. After a post graduate cycle at the GAMSAU - Groupe de Recherche pour l'Application des Méthodes Scientifiques à l'Architecture et à l'Urbanisme - he founded his first visualization office Auralab, followed a few years later by Luxigon.

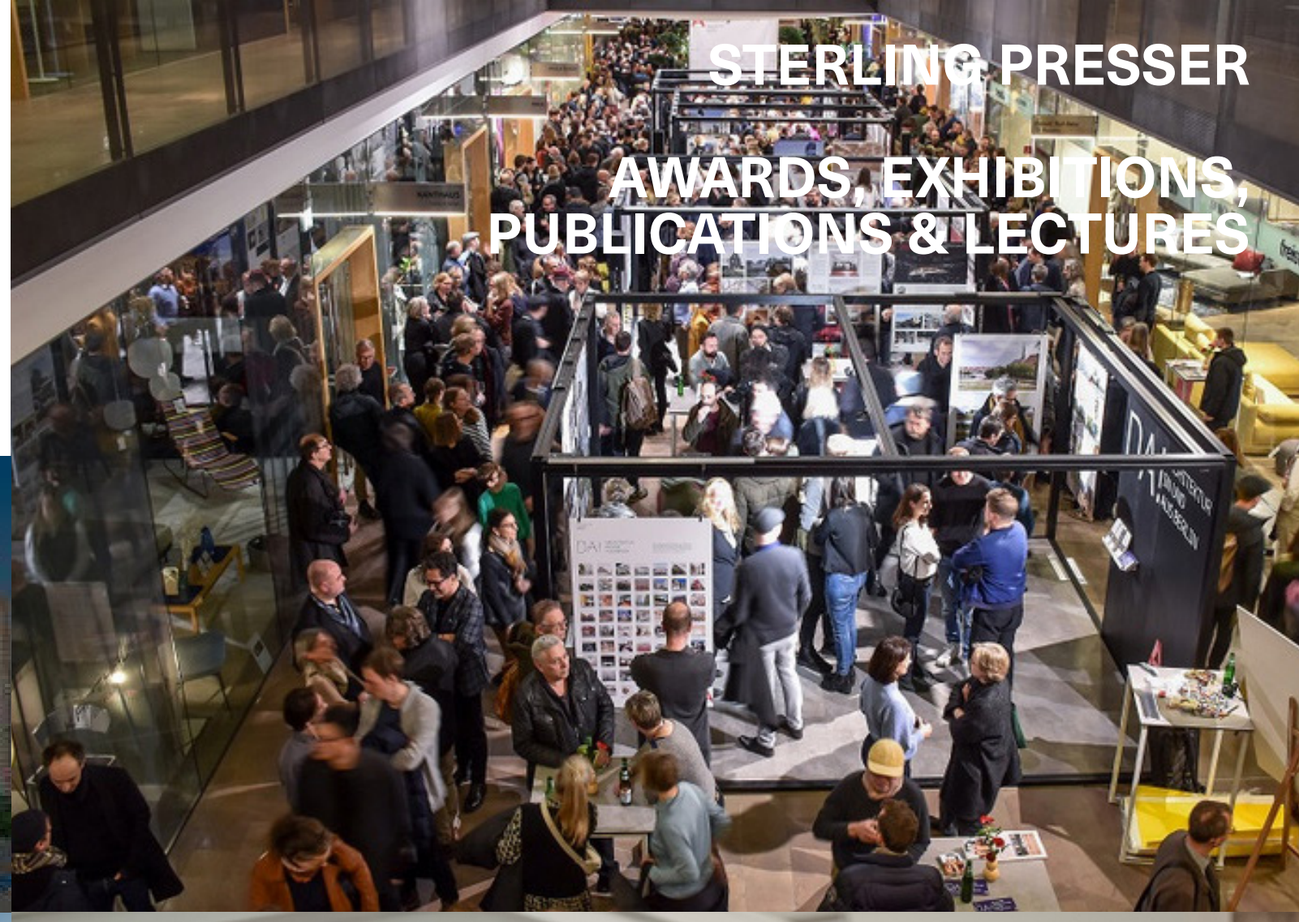
Strong visual experiences in a highly codified and somewhat boring field, his images quickly seduce famous architectural firms which have in turn promoted Luxigon as one of the most distinctive 3D renderings studios worldwide.

Eric regularly joins other design teams, contributes to publications and gives lectures on the theory, practice and history of image. Computer gaming technology and its possible applications in the world of art, as well as architecture, landscape and town planning is another passion he pursues alongside teaching the "VIS-0449 Immersive Landscape" at the Harvard Graduate School of Design (Cambridge, Massachusetts) since 2013.

STERLING PRESSER

AWARDS, EXHIBITIONS, PUBLICATIONS & LECTURES





DERSTANDARD

HÄTTE, WENN UND ABER

Kasten, Holzbau, Grünfassade: Wie die Wien-Holding-Arena auch aussehen könnte

Der Gewinner im Architekturwettbewerb um das Design der WH-Arena steht zwar fest, aber es lohnt sich, auch einen Blick auf die zehn Finalisten zu werfen

ANSICHTSSACHE 4. April 2021, 16:00 67 Postings

HOLCIM AWARDS
6TH COMPETITION

Certificate of Participation

Quatertower - Timbertower, Augsburg, Germany
Nicolas Sterling

We hereby certify that the project cited above was entered in the 6th Holcim Awards competition in which 4,742 entries were received. The submission was one of 2,507 entries that met the stringent criteria of the competition and was presented to the respective regional Holcim Awards jury headed by:

Europe: Jeannette Kuo, Switzerland
North America: Reed Kroloff, USA
Latin America: Loreta Castro Reguera, Mexico
Middle East Africa: Mariam Kamara, Niger
Asia Pacific: Nirmal Kishnani, Singapore

The Holcim Awards is the world's most significant competition in sustainable design. It celebrates innovative, future-oriented, and tangible sustainable construction projects and next generation visions from around the globe. Five Target Issues form the basis on which projects are assessed:

Progress: Innovation and transferability
People: Ethical standards and social inclusion
Planet: Resource and environmental performance
Prosperity: Economic viability and competitivity
Place: Contextual and aesthetic impact

www.holcimfoundation.org/awards

The Holcim Foundation for Sustainable Construction would like to congratulate you on this achievement, and thank you for your contribution to promoting sustainable construction.

Prof. Dr Meinrad Andreae
Head of the Academic
Committee Holcim Foundation

Edward Schwarz
General Manager
Holcim Foundation

The golden ratio (or golden section) has been considered an example of divine proportion since antiquity. The icon of the Foundation is an icosahedron that stands for the objectives of sustainability in construction: striving for balance and harmony – between today and tomorrow, between resources and consumption, and between needs and opportunities.

les prix de l'architecture acier

Les trophées Eiffel d'architecture acier récompensent des réalisations architecturales construites sur le territoire français et qui témoignent de la vitalité et de la qualité de la construction acier.

CONSTRUIRACIER
ASSOCIATION D'ACIERS POUR L'ARCHITECTURE
www.construiracier.fr

Eiffel
de l'architecture

Awards STERLING PRESSER

Awards

2023 Architizer A+ Award

Jahnsportpark, finalist, category sport

2023 Trophee Eiffel

Pont du Lion, nominated

2022 Architizer A+ Award

WH ARENA, finalist, category sport

2022 Holcim Award

Quatertower, nominated

Exhibitions STERLING PRESSER

2023 Exhibition Stilwerk, Berlin, Germany

Berlin Architektenkammer Berlin, Works of STERLING PRESSER

2023 DA! Day of architecture, Berlin, Germany

Works of STERLING PRESSER

2023 Rundgang, UdK, Berlin

AI (Artificial intelligence) exhibition

2022 Gallery Steglitz, Berlin, Germany

Works of STERLING PRESSER, Berlin

2022 Rundgang, UdK, Berlin

Students work of Studio Elke Sterling-Presser

2021Rundgang, UdK, Berlin

Students work of Studio Elke Sterling-Presser

2020 Rundgang, UdK, Berlin

Students work of Studio Elke Sterling-Presser

2019 Rundgang, UdK, Berlin

Students work of Studio Elke Sterling-Presser

2018 Gallery Subject Object Berlin

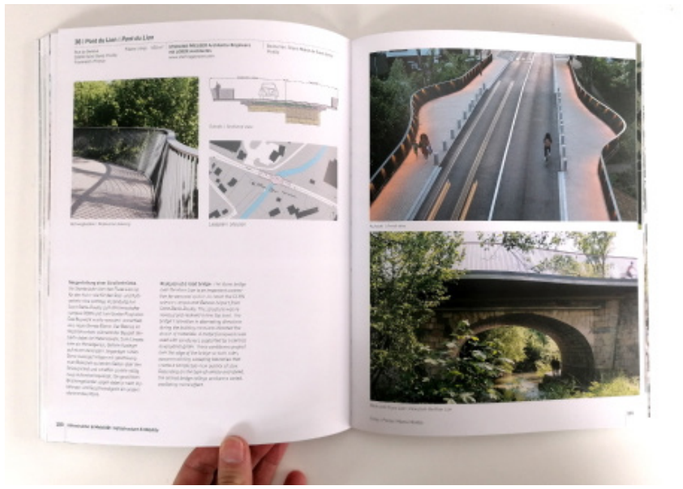
Exhibition Works of STERLING PRESSER - Everything flows -

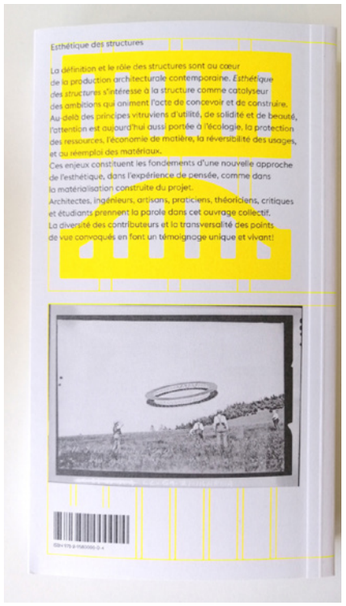
2015 End of year exhibition Greenwich University, London

Students work of Studio Elke Presser

2014 End of year exhibition Greenwich University, London

Students work of Studio Elke Presser





Publications STERLING PRESSER

2023 Architektur Berlin, Germany

Bd. 12 | Building Berlin, Vol. 12 Baukultur in und aus der Hauptstadt | The latest architecture in and out of the capital

ISBN 978-3-03768-289-0 Verlag Braun Publishing

2022 BOOK ESTHÉTIQUE DES STRUCTURES, France

Bridge of STERLING PRESSER

2022 Book Architekturwettbewerb Senatsverwaltung Berlin, Germany

STERLING PRESSER Jahnsportpark

2021 Der Standard, Wien, Austria

Publication of STERLING PRESSER WH-Arena

2020 Book Wien Holding-Arena

Architekturwettbewerb 2020

2020 WH Timber Arena, Vienna, Austria

Parametric architecture 2020/ Rhino blog 2020

2019 Footbridge Heidelberg, Germany

Parametric architecture 2019/ Rhino blog 2019

2018 Pulse magazine 2018

Work of STERLING PRESSER

2018 FAZ Magazine 2018

Work of STERLING PRESSER

2018 100 DEUTSCHE Häuser 2018

Work of STERLING PRESSER

2018 Brommy New Footbridge

The World's Footbridges for Berlin - Jovis - Brommy New Footbridge

Lectures STERLING PRESSER

2023 University of arts UdK, Berlin, Germany

AI (Artificial intelligence) in Design, Teacher: Elke Sterling-Presser

2022 Footbridge conference, Madrid, Spain

Works of STERLING PRESSER, Panel leader/ Lecturer: Nicolas Sterling

2022 University of arts, UdK, Berlin, Germany

Architecture, digital and experimental design works of STERLING PRESSER, Lecturer: Elke Sterling-Presser

2021 Exhibition opening STERLING PRESSER. Lepsiusstrasse , Berlin, Germany

Works of STERLING PRESSER

2021 University of arts UdK, Berlin, Germany

AI (Artificial intelligence) in Design, Teacher: Elke Sterling-Presser

2020 University of arts UdK, Berlin, Germany

AI (Artificial intelligence) in Design, Teacher: Elke Sterling-Presser

2020 Technical university, Berlin, Germany

Works of STERLING PRESSER, Lecturer: Nicolas Sterling

2019 University of arts UdK, Berlin, Germany

AI (Artificial intelligence) in Design, Teacher: Elke Sterling-Presser

2019 Architectural association AA, London, UK

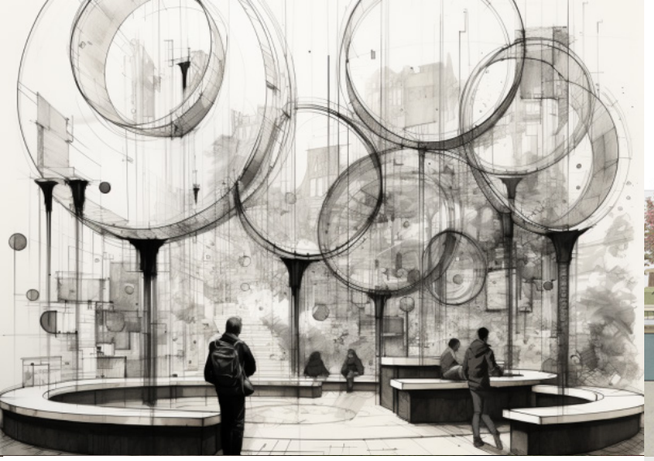
Works of STERLING PRESSER, Lecturer: Nicolas Sterling

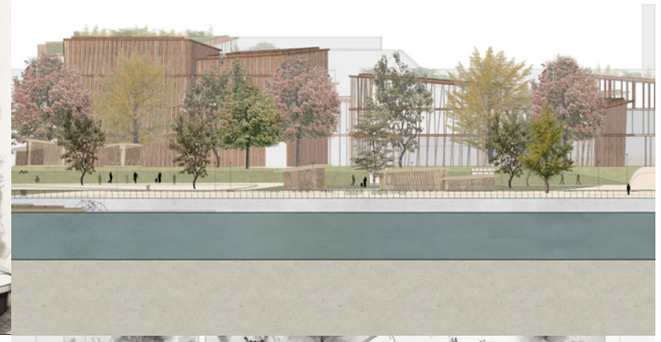
2019 Bartlett UCL, London, UK

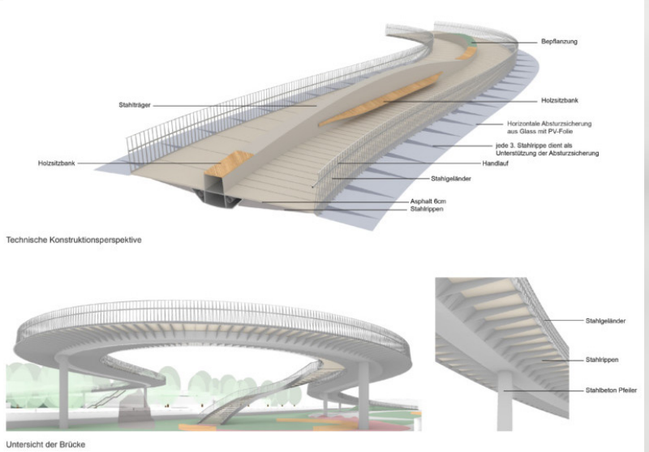
Works of STERLING PRESSER, Lecturer: Elke Sterling-Presser

2017 Universität Liechtenstein, Vaduz, Liechtenstein

Institute of Architecture and Planning Master and Bachelor Studio - External examinant Elke Presser

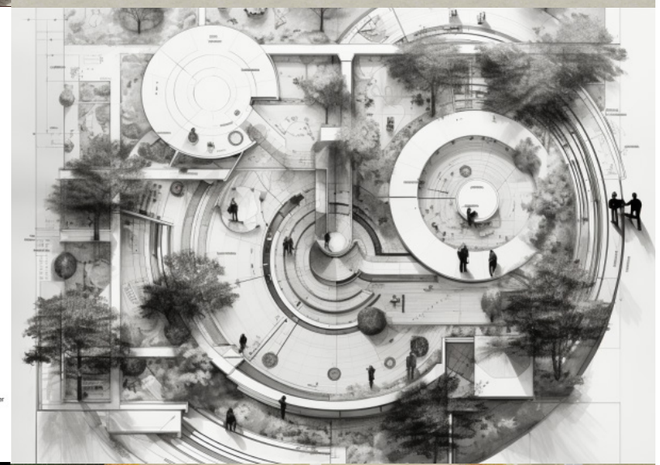


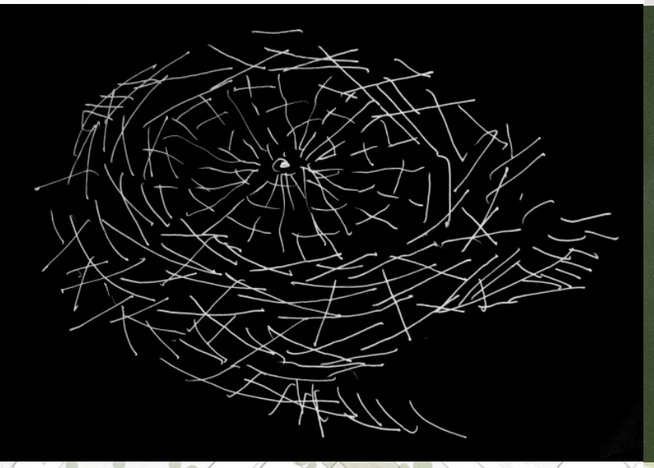


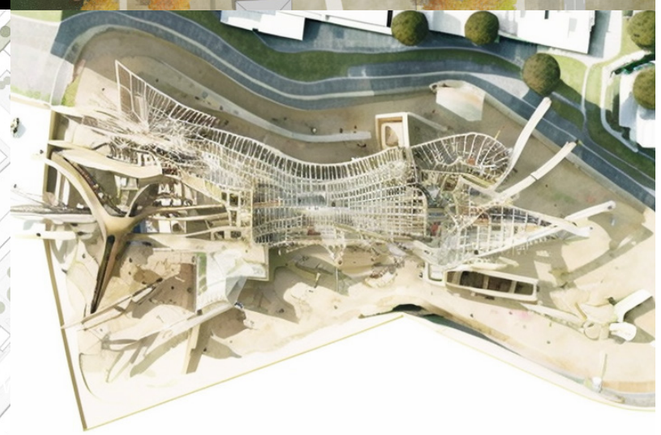


Technische Konstruktionsperspektive

Untersicht der Brücke







Competitons STERLING PRESSER

2023 Cultural centre, Tartu, Estonia

Competition

2022 Mine water hoist as an urban landmark, Bedburg, Germnany

Competition 2nd prize

2022 JAHNSPORTPARK – STADION, BERLIN, GERMANY

Competition 2nd round

2022 CASTLE PARK BRIDGE

Winning competition 1st prize

2022 BRAMSCHE PEDESTRIAN AND CYCLEBRIDGE, BRAMSCHE, GERMANY

Competition 2nd prize

2021 ARENA – ARENA PARK, VIENNA, AUSTRIA

Competition finalist

2021 WAREHOUSE CONVERSION SIFANG, CHINA

Winning competition 1st prize

2020 WH-Arena, Vienna, Austria

Competition 2nd round

2020 Footbridge, Karlsruhe, Germany

Competition finalist

2020 Masterplan, Taiyuan, China

Winning competition 1st prize

2019 Bicycle Station, Tuebingen, Germany

Competition finalist

2019 Main Theatre, Taiyuan, China

Winning competition 1st prize

2019 Cycle and footbridge, Heidelberg, Germany

Competition finalist

2019 Quarter Tower, Timber Tower, Augsburg, Germany

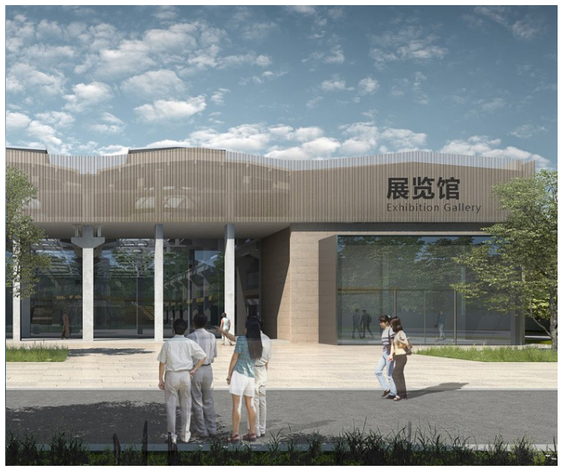
Competition recognition

WH Arena, Vienna, Austria

Selected project references

Civic and Cultural

Outdoor Theatre Taiyuan Park



Warehouse conversion

Urban Sustainability Landmark

Tartu Cultural centre

TIMEFRAME 2023
TYPOLOGY CULTURAL CENTRE
BUDGET NA
SURFACE 26000 SQM

ARCHITECT STERLING PRESSER
LANDSCAPE WEST 8
CLIENT CITY OF TARTU
STATUS COMPETITION

Cultural centre

Tartu, Estonia

Concept diagram

The design for Tartu Culture Park is based on a thorough analysis of the historic city structure, an examination of the architectural grain of the city today, and a wider understanding of the green network within Tartu. Our design achieves a repair of this green network, transforming the existing site into a biodiverse, richly programmed, and interconnected whole. Within this whole, the ensemble of architectural pavilions reflects the human scale of Tartu's urban fabric and existing public buildings, creating a forward-looking cultural centre that embeds itself into a new interconnected park landscape.

Our intervention connects the Toomemägi to the Emajõgi river, stitching together these two existing green spaces into a cohesive whole and restoring the brilliance of Tartu's green ribbon around the city. The design ensures that Tartu Culture Park will be more than just a connector, but a place in and of itself. By featuring an array of unique spaces that remain universally accessible and appealing, the park is transformed from a transitory in-between zone to a recognizable and dynamic place that welcomes visitors of all ages and abilities.

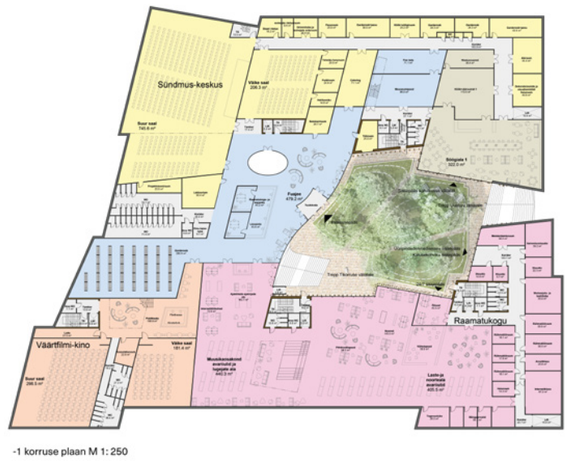
By reducing the major street that currently divides our site from the water to a width that meets traffic requirements in a minimum footprint, the riverfront is widened to a new potential. Public green space lost through the building of the cultural centre's architecture is fully compensated by this widened waterfront and the total reduction of aboveground parking.

Cultural centre

Library interior view

Site plan

Masterplan



Plan drawing

Internal court yard

Park view

TIMEFRAME 2020
TYPOLOGY THEATRE
BUDGET CA. 25M EUR
SURFACE 9000 SQM - 3500 SEATS

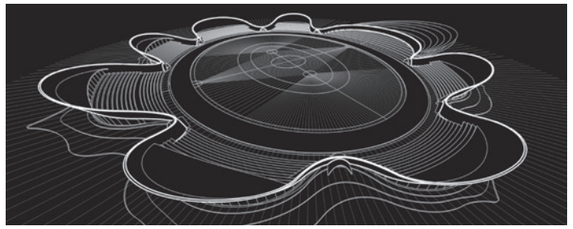
ARCHITECT + ENGINEER STERLING PRESSER
LOCAL ARCHITECT SOL
CLIENT QIANYUAN KULTUR KOMMUNIKATION LTD
STATUS BUILT

Taiyuan Park – Outdoor Water Theatre

Taiyuan, China

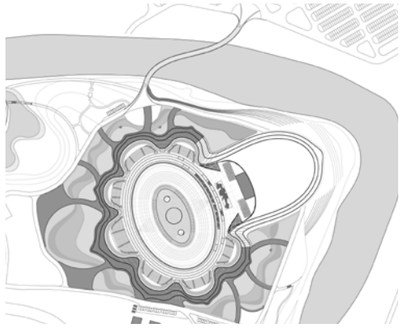
The outdoor theatre is a large-scale permanent installation to gather up to 3500 visitors. It is designed as sequential movement that connects & emerges from the landscape. The whole composition is a lotus sequence. The entrance curved bridge announces the lotus geometry at the arrival. The dam connects the theatre from the South. The whole geometry is flowing along the landscape and the river. It aims at being a point of focus. The Theatre brings public together. Thousands of eyes are unified to participate to a performance and be inspired by the work of art. The indirect path to arrive to the theatre gives the chance to discover the water feature step by step. The project development is built up in a short time. The theatre within the landscape aims at leaving a cultural heritage and a landmark along the river for a longer timeframe. The project is to be seen with higher aim to achieve a global composition. The footbridges access, the landscape meridians will connect together with the outer and inner theatre as a single network.

The project creates a continuous flow and a unique centralised composition. It is like a ribbon weaving up and down along the elliptic profile and creating space for programme underneath and slope for seating area. The entrance is formed through intermediate low points between the leaves as an articulated point. The continuous ribbon anticipates and envision the inner theatre along the river. The landscape includes that branch. The geometry is generated in order to be in axis and centralised on the theatre project.



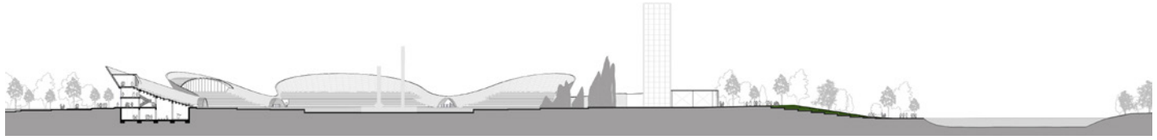
Diagram/ Visualization

Picture

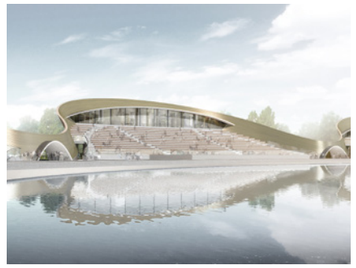


Masterplan

Construction



Section



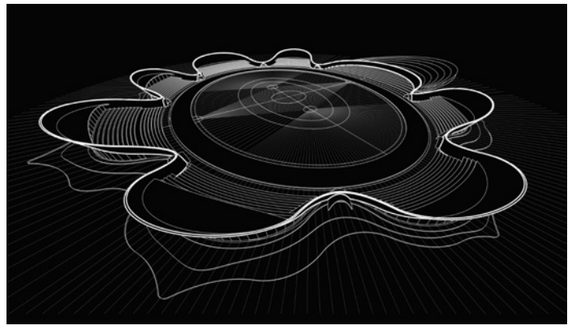
Interior

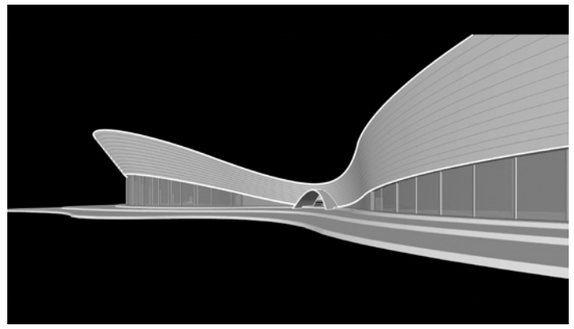
Picture

Construction Completed Night View

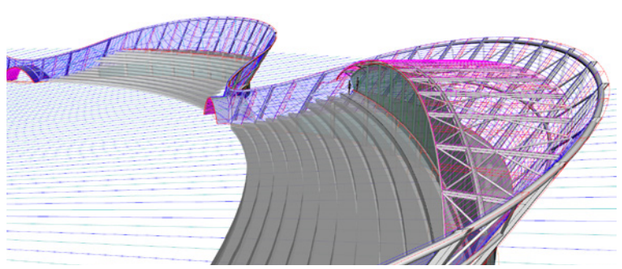
Construction Completed Day View

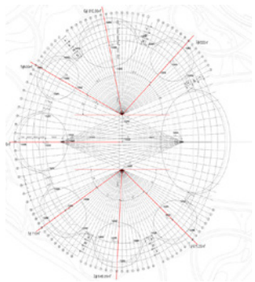
Site With Opening Show

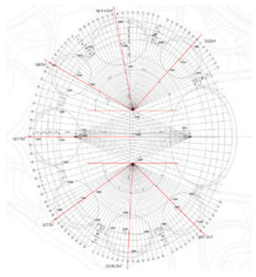




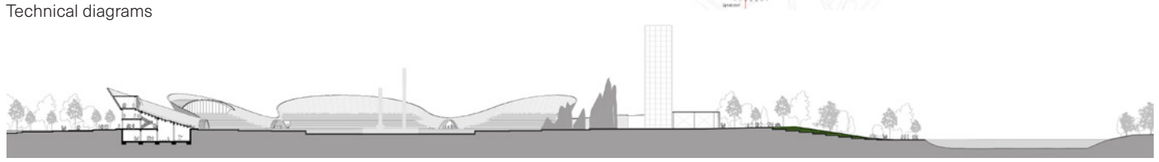
Concept diagrams







Technical diagrams



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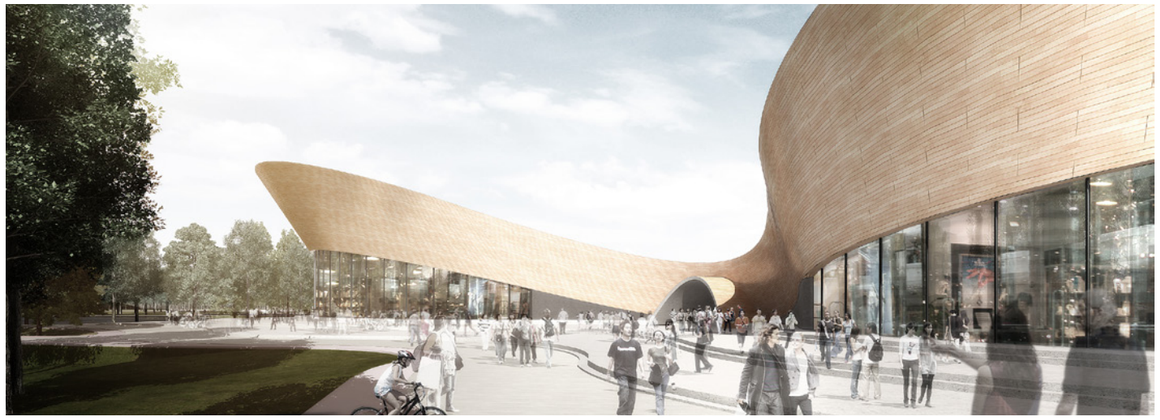
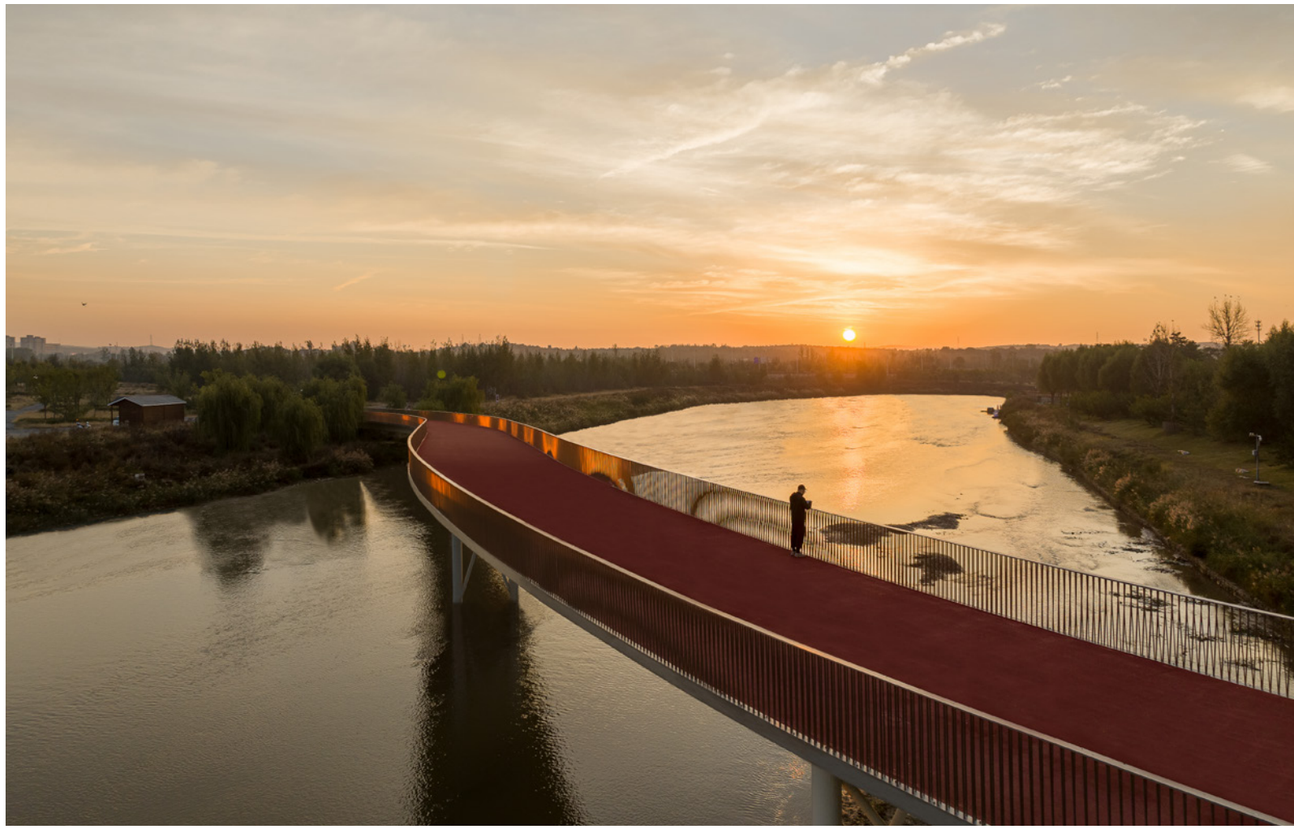


Visualization

Site Construction

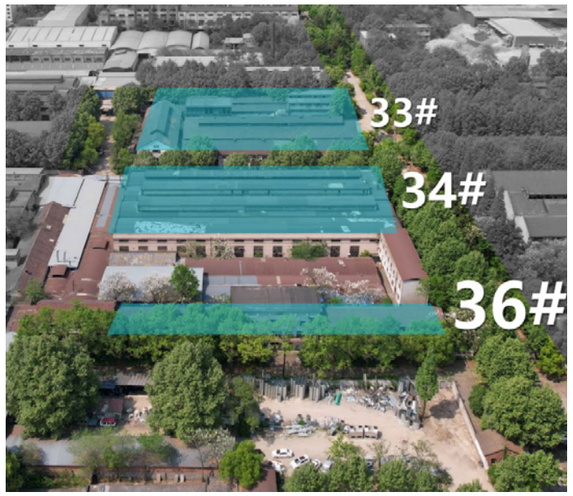


TIMEFRAME 2022
TYPE WAREHOUSE CONVERSION
BUDGET NA
SURFACE 10078 SQM

ARCHITECT + ENGINEER STERLING PRESSER
LOCAL ARCHITECT SOL
CLIENT SOL / SIFANG
STATUS CONCEPT, SCHEME DESIGN

Warehouse conversion

Si Fang, China



Existing building before refurbishment - Birdeye view

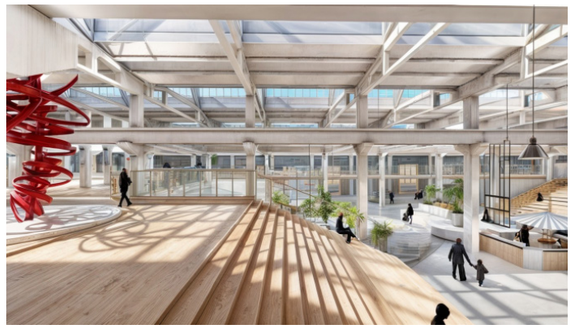
The concept of the project is to preserve the existing historical industrial buildings as core to the whole areas, and to reestablish the connection with the city and public. The old concrete frame will have a new life enabling fluidity of circulation, warm materials, new and vibrant program connections. The brief headlines are as follow:
"From the Yellow Emperor casting his tripod to the capital of hardware. From industrial production to all aspects of life. Discover the soft or hard clues in different times and spaces. Explore the meaning of industry to the city, to people and to life"

It will be translated into 3 core programs:
Yongkang Industrial Memory Museum
With time as the vein, story as the main body, emotion as the bond and experience as the core, it presents different parts of the daily life of Yongkang people and carries the common memory of Yongkang hardware industry.

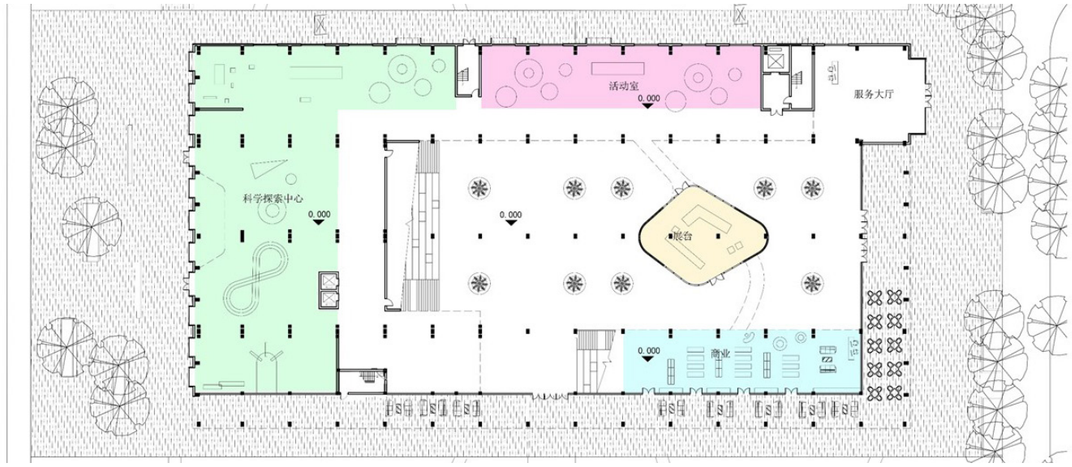
Science Centre
A science exploration space created exclusively for children, combining industrial elements with a variety of games to educate and entertain in order to meet the needs of parent-child excursions.

Activity Centre
The functionally diverse space is divided into exhibition space and event space. The exhibition space can be used for temporary, special and thematic exhibitions; the event space can be rented for conferences, training, seminars, or events such as concerts and festivals.

Visualization



Visualization of interior and entrance



Plan

Existing building before refurbishment - Interior

Existing building before refurbishment - Birdeye view

Internal visualization: mezzanine

Internal visualization: ground floor

TIMEFRAME 2022
TYPOLOGY MINE WATER LIFT
BUDGET NA
SURFACE 27000 SQM

ARCHITECT STERLING PRESSER
ENGINEER TEUFFEL ENGINEERING
LIGHTING DESIGNER YANN KERSALE
CLIENT CITY BERGKAMEN
STATUS COMPETITION - 2ND PRIZE

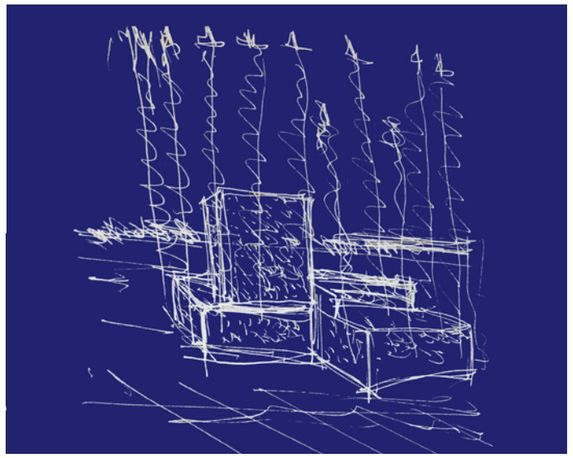
Urban sustainability landmark

Bergkamen, Germany

From the depths to the heights Mine water hoist as an urban landmark". The transcendence of l'Ô " Our vision for the new construction of the pit water hoist as an urban landmark is to create a new sustainable landmark for the theme 'Eternity Task'.

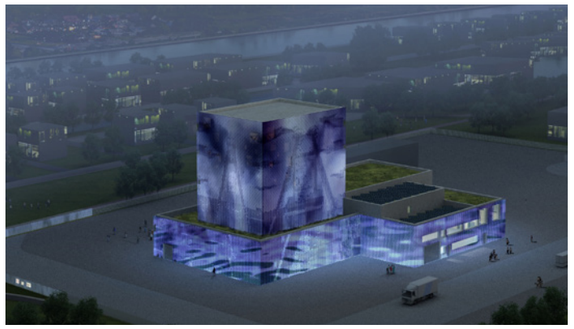
The new landmark sees itself as a permanent artistic installation that recalls the original industrial history landmark and looks to the future. The former mining site - 54 hectares - is the basis for the new 'Wasserstadt Aden' and the project provides a link to Bergkamen and the new residential development planned along the canal.

Our vision for the project is to create a meaningful symbol that becomes an urban signal, a reference and provides educational information for visitors. The mine water hoist is developed as a 'lighthouse project' at this important location, which outwardly, through the design of the façade, depicts the structural change, the change in energy production and the hoisting of mine water as a task for eternity. The façade makes the processes in the hoisting plant, conceptually translated, visible to the outside. The façade creates a transparency that communicates the task and the significance of the facility to the outside world. The mine water hoist and the water city of Aden are thus linked with each other, a place of the past and at the same time of the future is created. Past, present and future merge into a holistic work of art. The façade is designed to be sustainable, just like the pit lift as part of the eternity tasks.

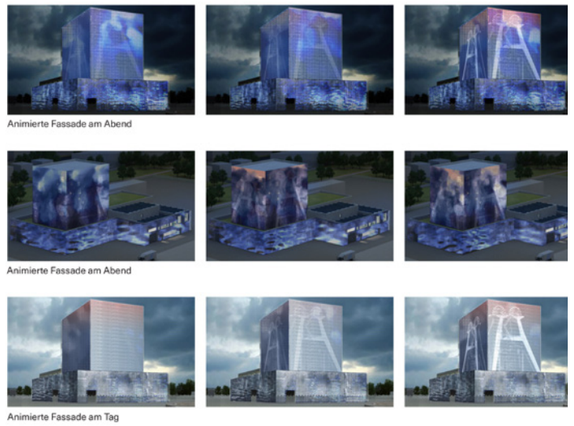


Sketch

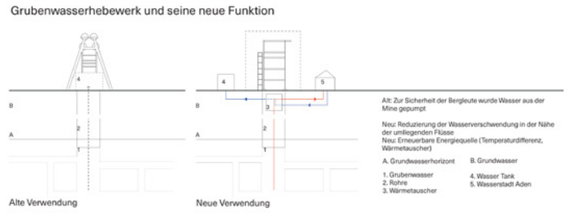
Visualization

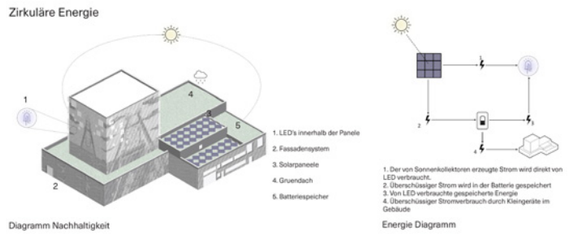


Visualization

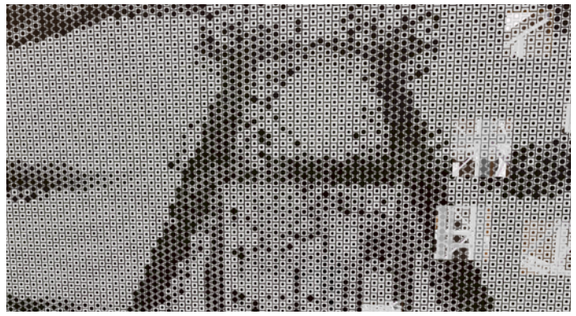


Concept

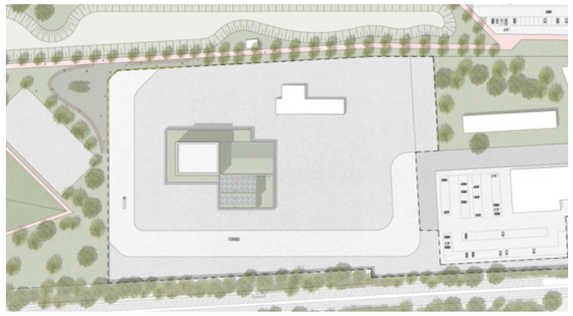




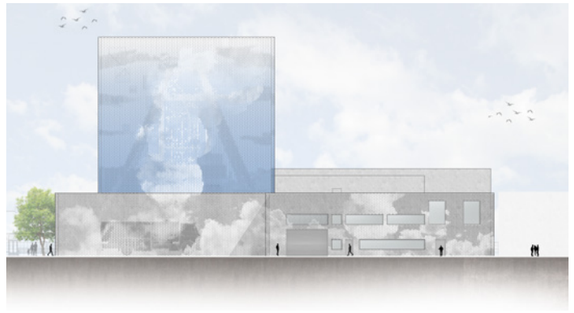
Before refurbisment



Concept



Site plan



Elevations

Selected project references
Sports, Community and Recreation

WH Arena

Sport Arena and Arena Park

Jahnsportpark, Arena and Inclusive Park

TIMEFRAME 2020
TYPOLOGY ARENA
BUDGET CA. 250 M€ EUR
SURFACE 18000 SQM - 20 000 SEATS

ARCHITECT STERLING PRESSER / WOO CONSULTANTS
ENGINEERS THORNTON TOMASETTI / TRANSSOLAR
CLIENT WIEN HOLDING
STATUS COMPETITION - FINALIST

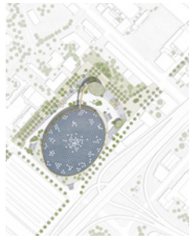
WH Arena

Vienna, Austria

Our vision for the WH-Arena project is to create a new sustainable landmark for the theme of 'green architecture' and at the same time to find a high-quality architectural solution that presents the arena with its ancillary buildings and the outdoor space in an overall ensemble.

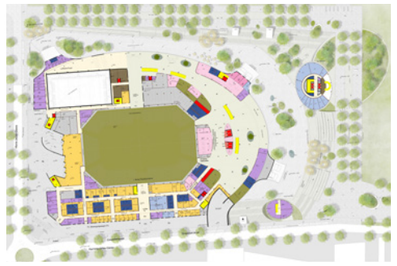
The basic idea of the WH Arena is to root nature in symbiosis with its surroundings. The WH Arena works on all levels, it is efficient and flexible in terms of event programmes, energy, sustainability and ensures a safe venue at a time when terror and pandemic issues need to be considered.

It acts as an urban catalyst, a local and global icon that is integrated into Vienna's urban profile by day and night. The dialogue between the arena, the ancillary buildings and the public space creates a unique combination in which the new arena and its ancillary buildings play as big a role as the outdoor space they create. The wooden skin functions as a tree skin. It is a load-bearing element that protects the inner part, which moves and grows. The inner part, which works with all the functional and structural requirements in harmony with local customs, offers a unique experience. The building maximises the use of a natural, beautiful and warm material that connects us with nature and shows us a sustainable future.

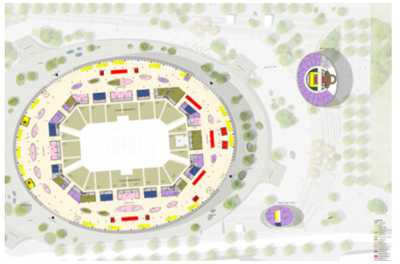


Concept sketch

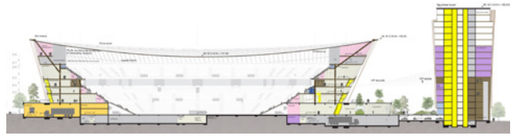
Visualization

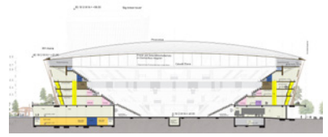


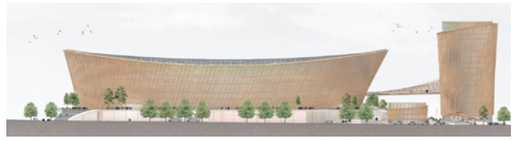
Ground Floor Plan



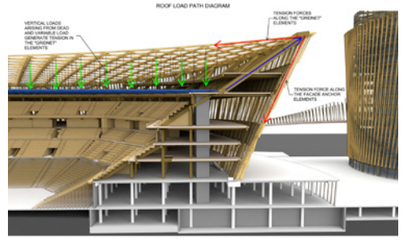
Second Floor Plan

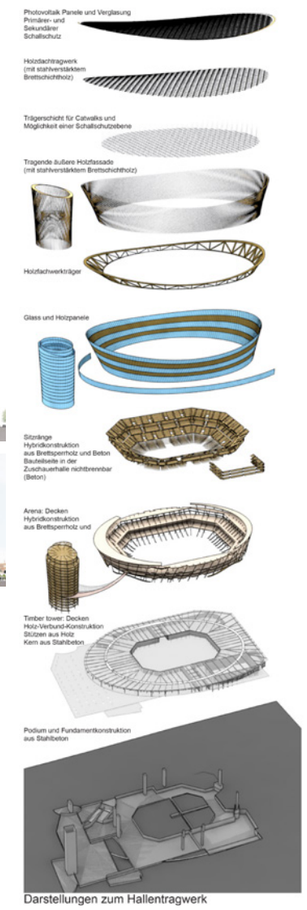






Sections & Elevations

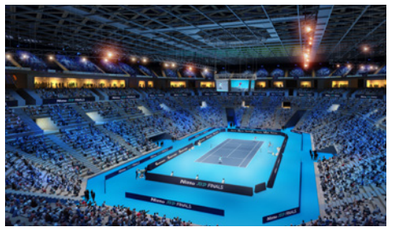




Darstellungen zum Hallentragwerk

Diagrams

Diagrams



Visualization Indoor

Visualization Outdoor

TIMEFRAME 2022
TYPOLOGY ARENA
BUDGET CA. 96M EUR
SURFACE 54000 SQM - 20000 SEATS

ARCHITECT STERLING PRESSER
ENGINEERS THORNTON TOMASETTI / TRANSSOLAR
CLIENT SENAT OF BERLIN
STATUS COMPETITION - FINAL ROUND

Jahnsportpark arena and Inclusion park

Berlin, Germany

Sustainability and the use of existing structures are the focal points of the design concept for the 'JAHNSPORTPARK FÜR ALLE, GROSSES STADION UND INKLUSIONSSPORTPARK'.

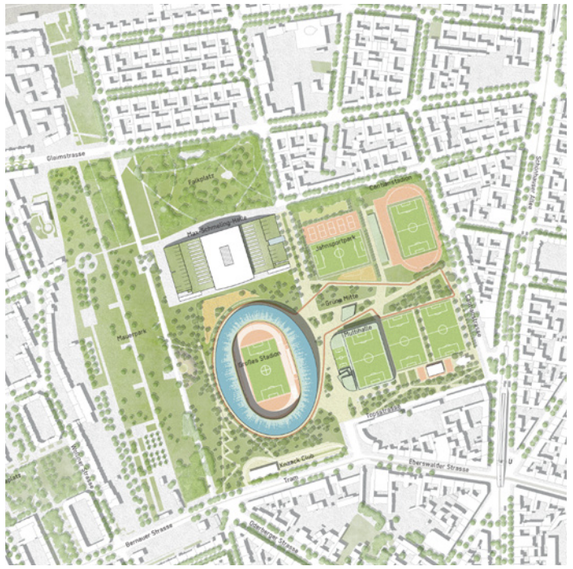
Our design is essentially based on the current basic structure, which is strongly determined by the existing pathways, entrances, areas to be preserved, existing trees and buildings. One of the guiding principles of the concept is the preservation of all existing sports infrastructures. The new uses, organised in compact structures, are grouped around a central square at the heart of the site, which becomes the hub of the sports park. The new stadium takes up the axis of the Max Schmeling Hall to create an overall ensemble. It moves closer to Eberswalder Straße, becomes more visible in the urban space and thus creates a strong new address. In addition to the stadium, the concept includes two other efficiently organised hall and functional buildings with active roof use in the form of sports facilities.

Our design is a beacon project for inclusion, participation and equality, which includes the large stadium as well as the sports park as a whole.

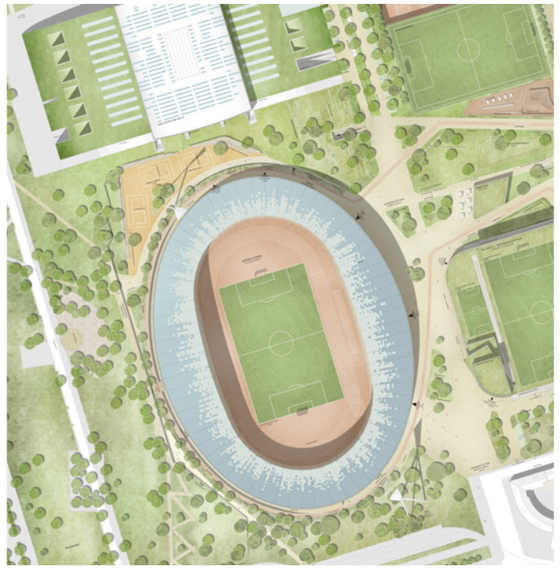
In addition to the inclusion requirements, all the buildings are also designed to meet further demands in terms of climate protection and adaptation, the use of resources, energy supply, animal-protected design and the materials used.

Existing Stadium

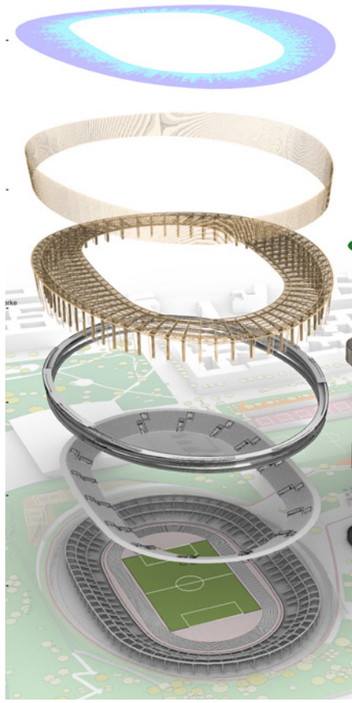
Visualization



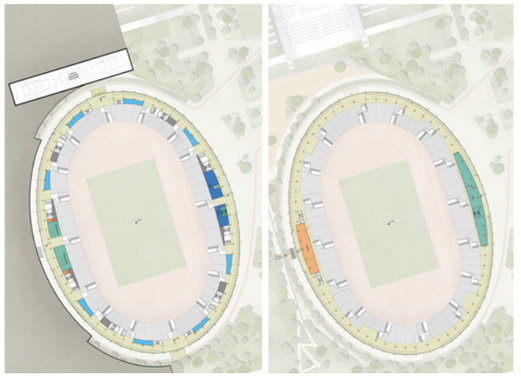
Site plan

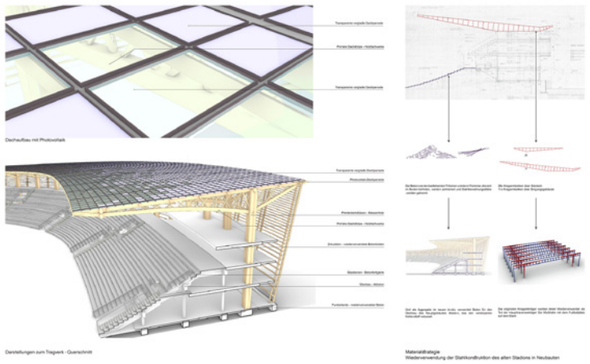


Section



Site progress

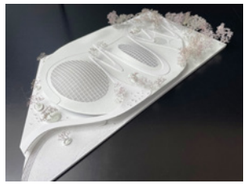




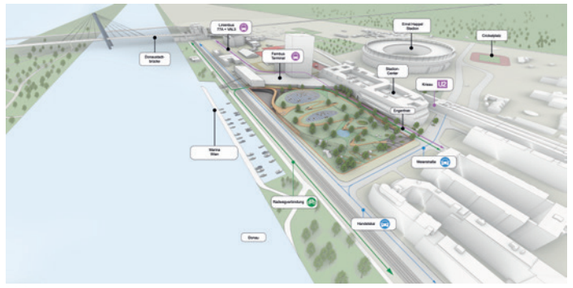
TIMEFRAME 2021
TYPOLOGY ARENA
BUDGET CA. 36M EUR
SURFACE 27000 SQM - 3000 SEATS

ARCHITECTS STERLING PRESSER / WIMMER ARCHITECTS
ENGINEERS THORNTON TOMASETTI / TRANSSOLAR
CLIENT CITY OF VIENNA
STATUS COMPETITION - FINALIST

Sport Arena and Arena Park
Vienna, Austria



Model



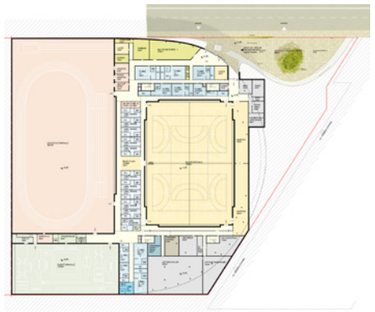
Urban strategy

Our vision for the new construction of the 'Sport Arena Wien' is to create a new sustainable landmark for the theme of 'green architecture' as well as for the city, while at the same time finding a high-quality architectural solution that presents the arena with the outdoor space in an overall ensemble.
The basic idea of the 'Sport Arena Wien' is to root architecture in symbiosis with its surroundings, including the river side along the Danube.
The new 'Sport Arena Wien' will be integrated into the park landscape. A public park will be created for the residents and visitors of Vienna. From the north-west side, the arena can only be seen through the curved wooden roofs integrated into the park landscape. Slowly the building unfolds and the south-west side shows the semi-circular façade, reminiscent of the Ferry Dusika Hall.

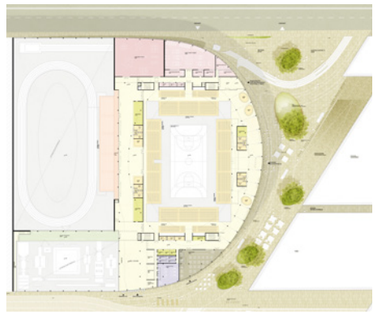
The arena functions on all levels, it is efficient and flexible in terms of event programmes, energy, sustainability and ensures a safe venue at a time when terror and pandemic issues need to be considered.
It acts as an urban catalyst, it is a local icon integrated into the urban profile along the Danube by day and night. The dialogue between the arena and the public space creates a unique solution by creating a park landscape.
The timber roof spans the entire building envelope as a performant surface that extends across the programme and main halls. The span defines the curvature of the diagrid shell in a symbiotic movement with the landscape.

Perspektive Arena Park

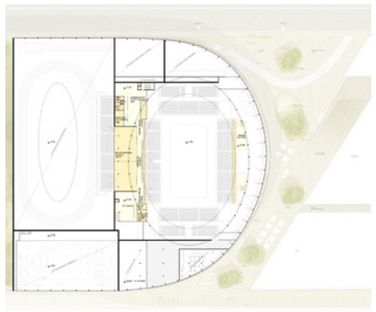
Vizualisation Entrance Ball Sports Hall



Basement

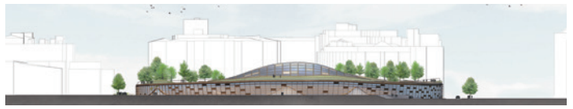


Ground Floor



1 Floor

Long Elevation

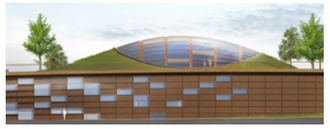


Short Elevation

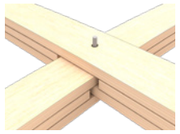
Long Section

Roof Floor

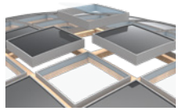
Cut perspective



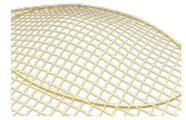
Handelskai facade with materiality



Roof Detail Connection



Roof Detail PV Panels



Roof structure overview

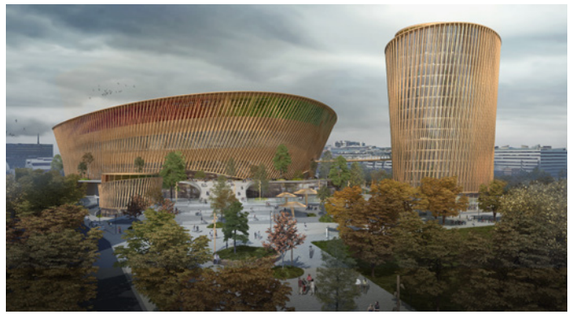
Selected project references

Offices / Living

Ostbahnhof Berlin Office building

Quatertower – Timbertower

Eco village - Entrance Tower Building – Timbertower



WH Arena Office Building

Mixed use Building

Residential Private house

B31 Private house

TIMEFRAME 2020
TYPOLOGY OFFICE
BUDGET CA. 8M EUR
SURFACE 4028 SQM

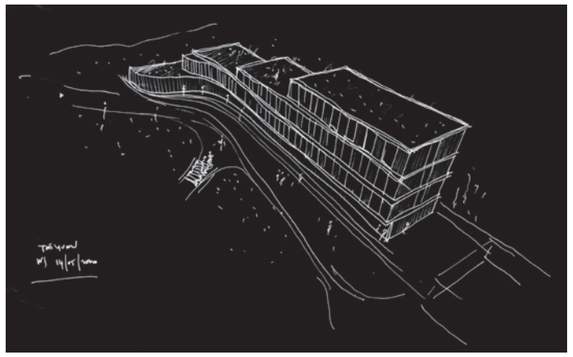
ARCHITECT STERLING PRESSER / SOL
LOCAL ARCHITECT SOL
CLIENT QIANYUAN KULTUR KOMMUNIKATION LTD
STATUS BUILT

Mixed use building

Taiyuan Park, China

The service building comes as an extension of Taiyuan Park masterplan development and the development of the water theatre.
The purpose of the building is to host the Theatre management and provide rehearsal and facilities to artist and theatre management offices.

It has been designed within the site specific constraints of the plot as a L shape building placing the various different programmes (canteen, hotel and reception, restaurant, rehearsal rooms and offices) within the same harmonic shape.
The L shape has been designed so that the building is read as one flow, following the same principles as the theatre design.

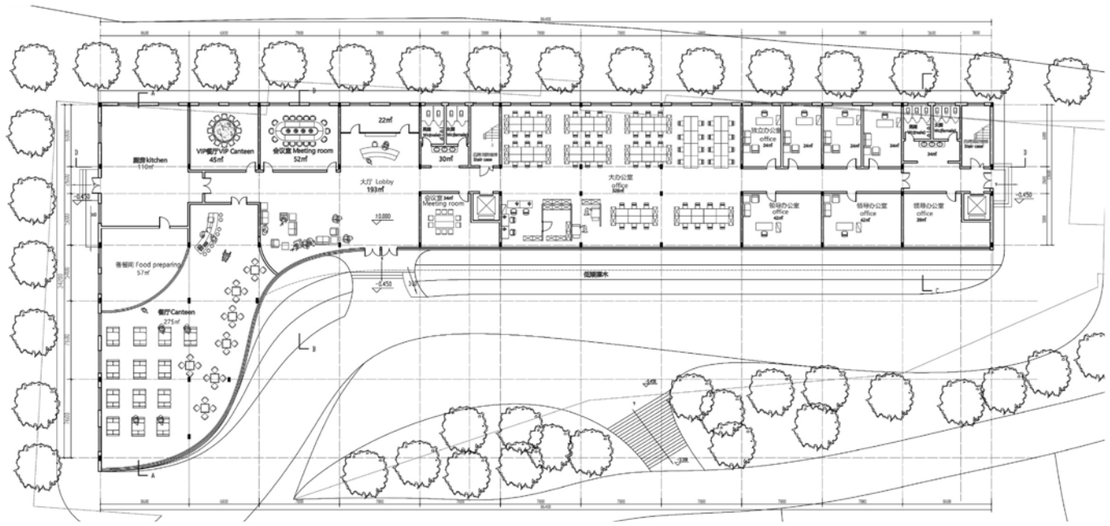


Concept Diagram

Picture Rex Zou

Picture Rex Zou

Pictures Rex Zou / SOL



Plan

TIMEFRAME 2021
TYPOLOGY OFFICE
BUDGET CA. 12M EUR
SURFACE 25000 SQM

ARCHITECTS STERLING PRESSER / SOL
CLIENT HB REAVIS
STATUS COMPETITION

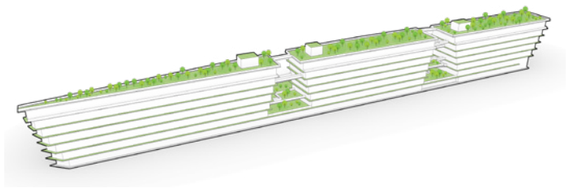
Ostbahnhof Berlin Office building
Berlin, Germany

OSTBAHN new office building aims at being the latest advances in sustainability, digitization and design.

The 5 design proposals considered:
The building plot as an integrated urban programme.
The strategic role of the entrance situations and the “gaps” between the 3 main buildings.

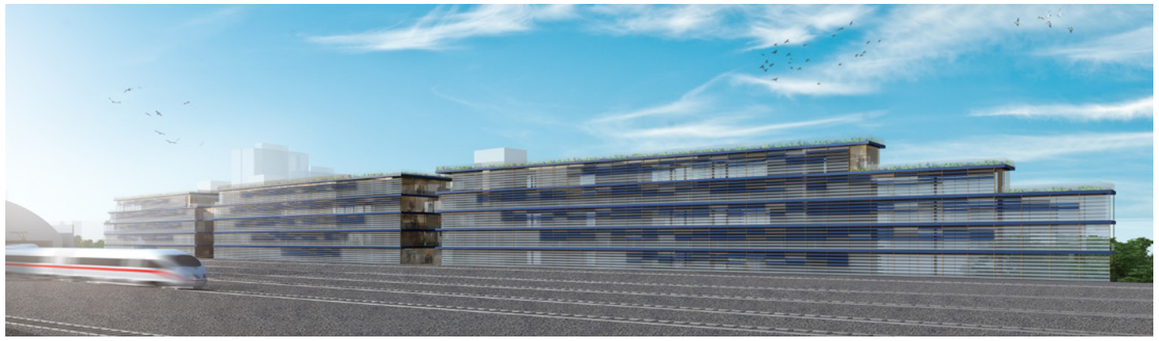
The massing iterative study and the gap study have been considered together at different scales, as an integrated part of architecture and organization strategy.

Location



Concept Diagram

Visualization

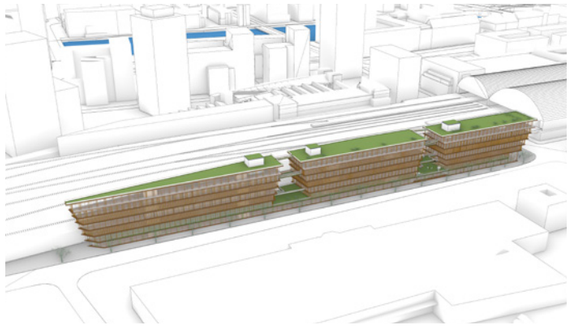


South-West Visualization

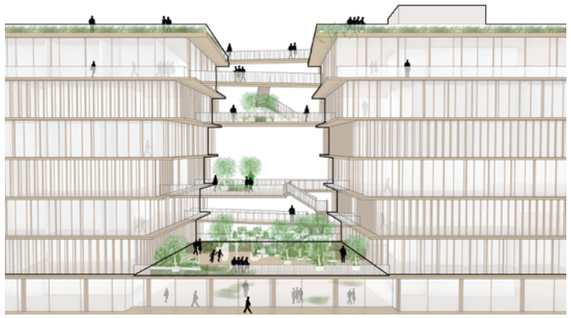
North-East Visualization

Facade North-East diagram

Facade South-West diagram



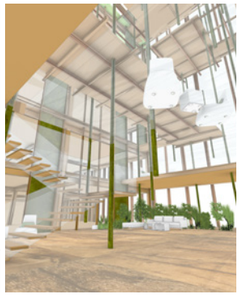
Diagram



Gap design diagram

Diagram Entrance

Section



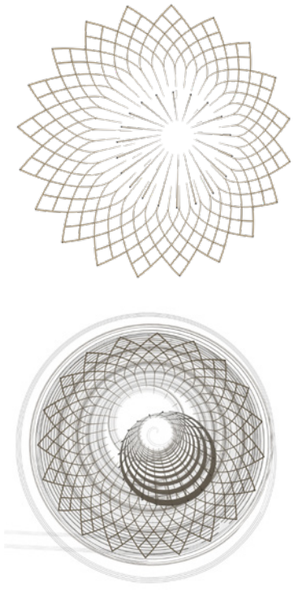
Atrium Diagram

TIMEFRAME 2018
TYPE LIVING SPACES AND OFFICES
BUDGET NA
SURFACE 3600 SQM

ARCHITECT + ENGINEER STERLING PRESSER
CLIENT MILLENIUM BUILDING QUATERTOWER GMBH
STATUS COMPETITION - ANERKENNUNG 2018

Quatertower – Timbertower

Augsburg, Germany



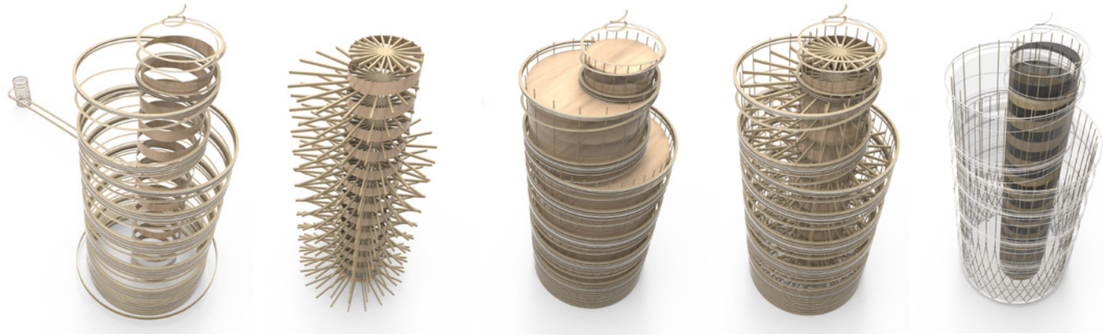
Concept diagrams

The Quatertower project is positioned at the close periphery of the old city and at the proximity of the Textile and Industrie Museum (TIM – “Staatliches Textil und Industriemuseum”), established in a former worsted spinning mille. The museum is an anchor point on the European Route of Industrial Heritage and recalls Augsburg thriving textile industry during the nineteenth century. From that heritage, Augsburg keeps being a vibrant industrial city. The Quatertower project aims at being a landmark of Augsburg´s peripheric centre. It injects a new sign into the urban landscape of city. It adopts an unexpected form; and as such it creates a visible recognisable identity. Its pivotal urban position drives and suggests this circular form of the building. The cylinder is creating a signal, vortex, point of reference and gateway between the old city and the TIM. The old city church towers, the TIM chimney and the Quatertower project are vertical identification that dialogues with each other and form a network above the building roofs levels. They belong to the same building topology: vertical and non-orthogonal elements.

The Quatertower project is at the cross over between various traffic flows at the periphery of the city. The site is along the “Nagahama Alle” main road attracting peripheric traffic in the North South axis, which cuts off the West-East pedestrian path between the historical protected city centre and the well visited TIM museum. The tower is an opportunity to bridge the footpath and get a urban reconciliation on the West East axis. Therefore, it is suggested to develop along the main building a public footpath that would reconnect, regenerate, and relink the two part of the city directly. It would put the tower as a milestone and a point of reference. The cylinder-based geometry facilitates orientation and flow connection. The open café at the ground floor is envisaged to be a meeting point and is an extension to the garden landscape space.

Visualization

Visualizations



Concept Diagrams

Concept diagrams

Elevations

TIMEFRAME 2022
TYPOLOGY RESIDENTIAL
SURFACE 800 SQM

ARCHITECT STERLING PRESSER
CLIENT BAUER AG
STATUS CONCEPT

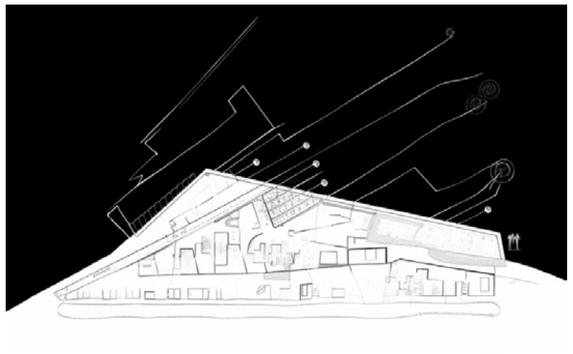
Residence
Münich, Germany

Nestled on a serene hillside amidst the breathtaking beauty of Munich's natural surroundings, this exceptional residential house embodies a harmonious fusion of nature and contemporary living. Designed to seamlessly blend with its environment, this unique residence offers an unparalleled connection to the tranquil landscape.

From the moment you arrive, a sense of tranquility washes over you as the house gently integrates into the natural contours of the hill. Its architecture embraces the surrounding nature, with expansive windows that frame panoramic views of lush greenery, allowing natural light to flood the interior spaces.

The design philosophy centers around creating a sanctuary that embraces sustainability and wellness. The house harmonizes with its surroundings through the use of organic materials, such as locally sourced timber and stone, further accentuating its connection to nature. Green roofs and living walls add an additional layer of natural integration, providing insulation and reducing the environmental footprint.

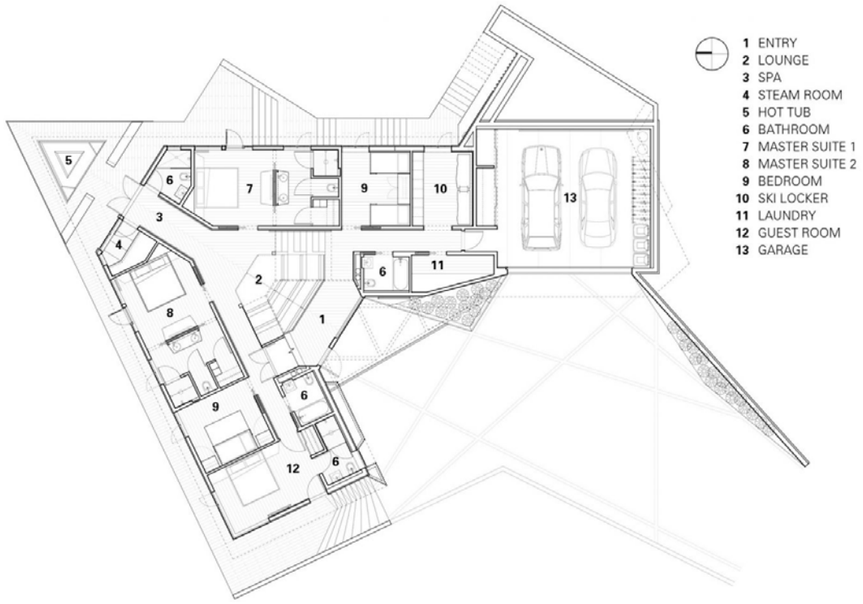
Indoor and outdoor living seamlessly intertwine, with inviting outdoor spaces thoughtfully integrated throughout the property. A private garden and terraces invite residents to enjoy al fresco dining or simply unwind while taking in the sights and sounds of nature. A carefully curated landscape design enhances the natural beauty, creating a haven of tranquility and peace.
The interior design reflects a contemporary aesthetic while respecting the natural elements, featuring a neutral color palette, natural textures, and an abundance of natural light. Thoughtfully designed living areas, spacious bedrooms, and modern amenities cater to the needs of the residents, offering a haven of comfort and relaxation.



Concept Diagram

Visualization

Visualization



Plan

TIMEFRAME 2022
TYPOLOGY LIVING
BUDGET NA
SURFACE 1000 SQM

ARCHITECT STERLING PRESSER
CLIENT WEISSHAUPT
STATUS PHASE HOAI 1-5

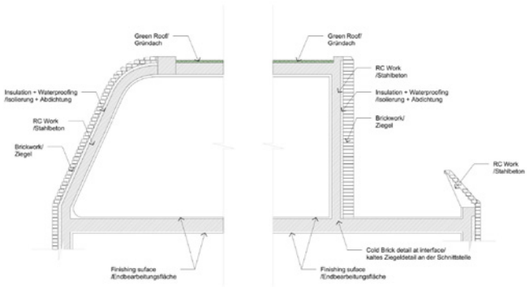
Residence B31

Berlin, Germany

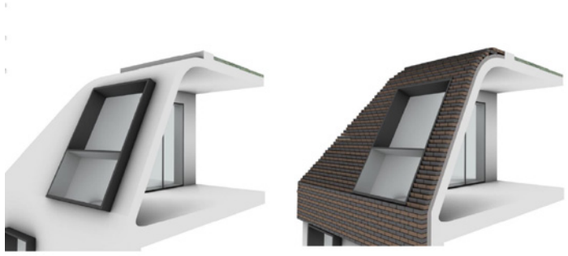
Bereenstrasse 31 is a new built project in Zehlendorf area. The surroundings are a specific part of Berlin including lakes and green area, including many villas and families.

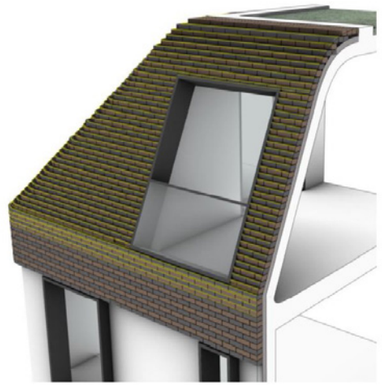
It is situated within the former West Berlin, not far from the green area Grünewald and the lake Schlachensee. Mexiko Platz is a connection point for the S Bahn and the station has an interesting organic roof feature which brings to the whole piazza a feel of dynamism. From there Bereenstrasse grows and connects directly to the site number 31.

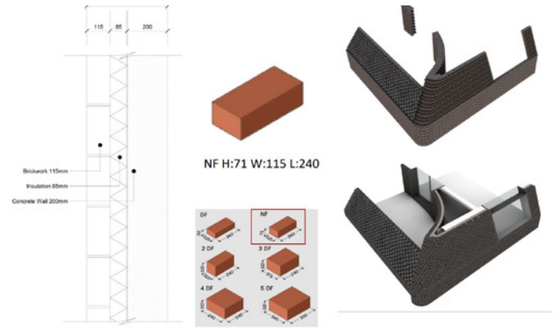
The project aims at replacing an existing old villa into a 6 flats buildings. The aims is to integrate a quality architecture within the local context. Many options have been investigated to explore different styles, site integration, and inner architecture.



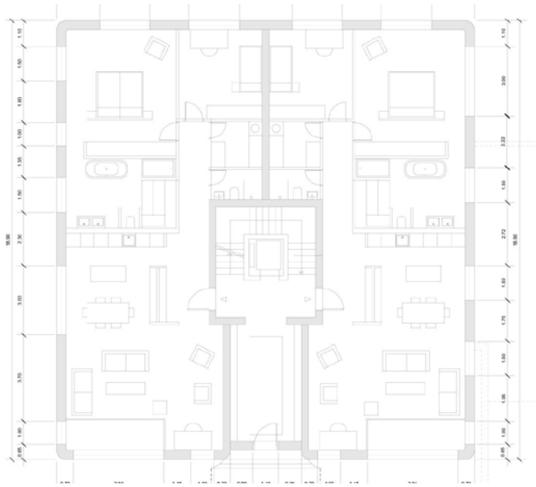
Visualization

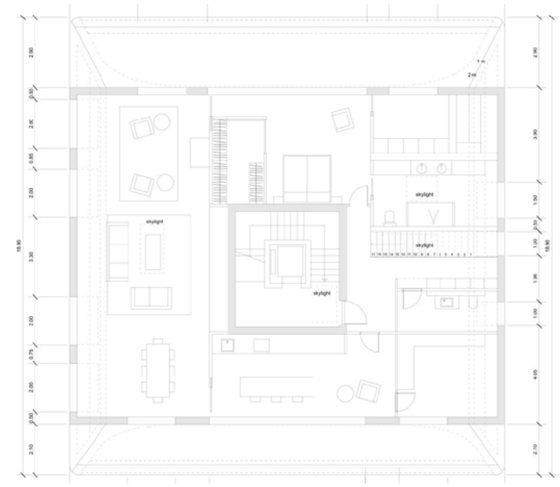






Elevations





Plan drawings

TIMEFRAME 2020
TYPOLOGY LIBRARY, CAFÉ, INFORMATION CENTER
BUDGET NA
SURFACE NA

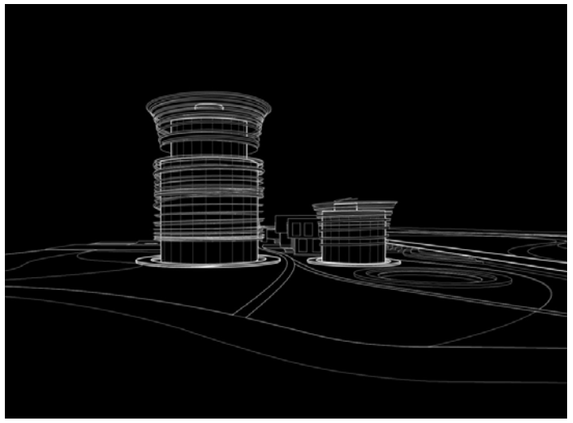
ARCHITECT STERLING PRESSER / SOL
CLIENT QIANYUAN KULTUR KOMMUNIKATION LTD
PHASES COMPETITION, LP 1-2

Eco village Entrance, Timbertower

Taiyuan Park, China

Plot 9 is a masterplan including an eco-village, art center, hotels, home accommodations and local shops. The whole composition is a sequence along dam and river meander. Plot 9 is to be seen with higher aim to achieve a global composition in the organic local landscape including art program and green activities.

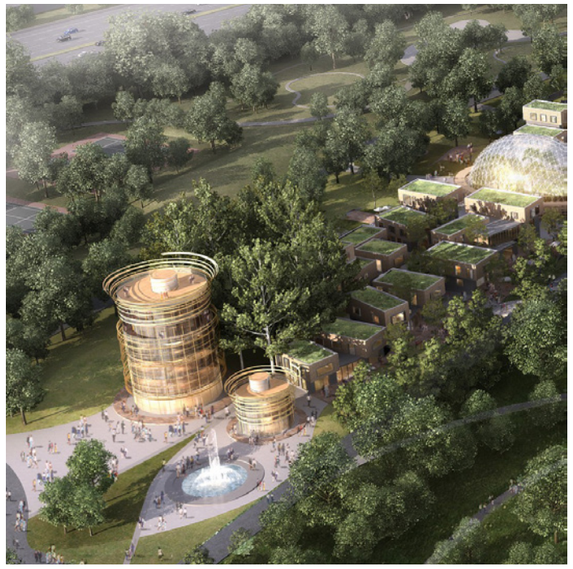
The entrance building is one of the 5 iconic buildings that composes the masterplan. It does create an entrance from the South and aims at being visible as a landmark to the whole development. The 24 m high building is as well a belvedere an open up direct views on the development and the river. The circular shape branches within the trees and is fully integrated in the first part of the plot that includes trees and green areas. The main building is balanced by a smaller one that welcome the visitors on the site, with terraces, cafes and water features. The core building remains simple and is constructed in concrete to enable local delivery. The whole facade system and louvres are in timber and create a spiraling and dynamic feature, and enables light filtering.



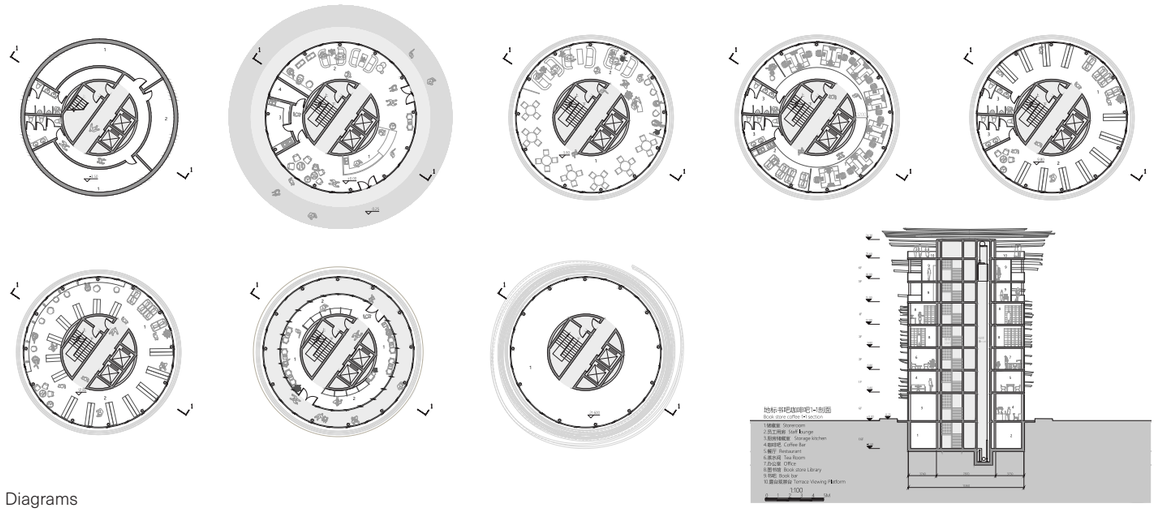
Concept Diagram

Visualization

Visualization



Visualization



Diagrams

Plans

TIMEFRAME 2020
TYPE OFFICE BUILDING
BUDGET 250M EUR (WITHIN ARENA BUDGET)
GROSS AREA 18 000 SQM

ARCHITECT STERLING PRESSER
ENGINEERS THORNTON TOMASETTI / TRANSSOLAR
CLIENT WIEN HOLDING
STAGE COMPETITION - FINALIST

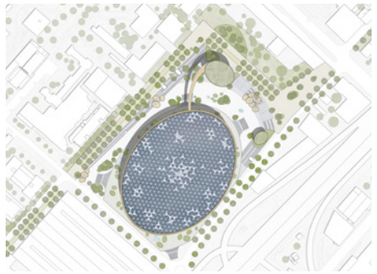
WH Arena Office Building

Vienna, Austria

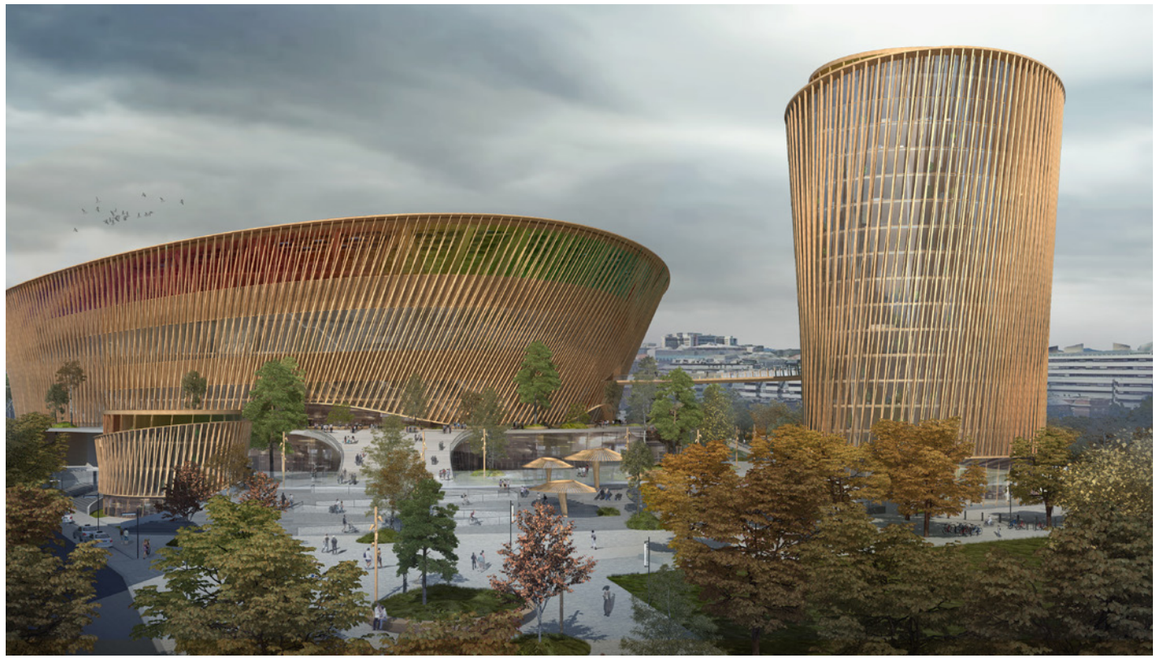
Our vision for the WH-Arena project is to create a new sustainable landmark for the theme of 'green architecture' and at the same time to find a high-quality architectural solution that presents the arena with its ancillary buildings and the outdoor space in an overall ensemble. The basic idea of the WH Arena and Tower is to root nature in symbiosis with its surroundings. It works on all levels, it is efficient and flexible in terms of programmes, energy, and sustainability.

The wooden skin functions as a tree skin. It is a load-bearing element that protects the inner part, which moves and grows. The inner part, which works with all the functional and structural requirements in harmony with local customs, offers a unique experience.

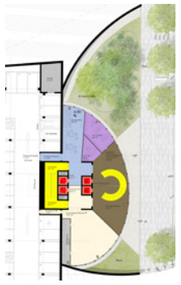
The building maximises the use of a natural, beautiful and warm material that connects us with nature and shows us a sustainable future. The tower consists of a concrete core with a circumferential timber frame of glulam columns supported on a glulam edge beam. The interior floor consists of glulam panels supported on radial glulam beams. The dry construction method not only gives the tower a warm feel with an extremely low carbon content, but it will also be light and easy to transport in prefabricated components and can be built as a kit from individual parts, avoiding expensive and tedious 'wet trading'. The rigid concrete core is the tower's lateral stability system and must withstand horizontal loads from the suspension cables supporting the bridge and wind loads.



Lighting Concept Diagram



Visualization



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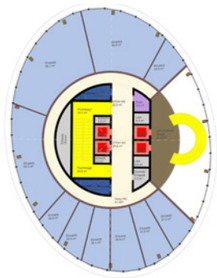

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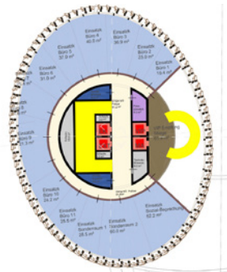

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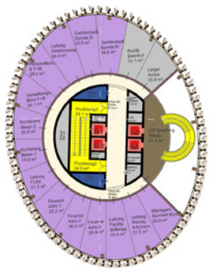

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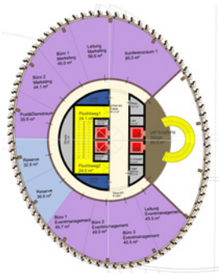

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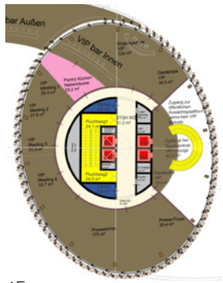

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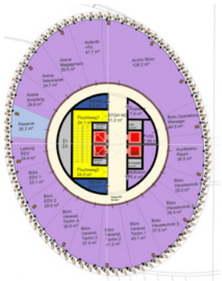

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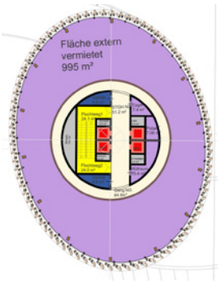

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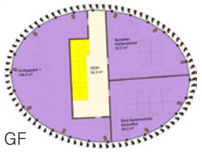

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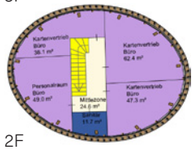

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B1F

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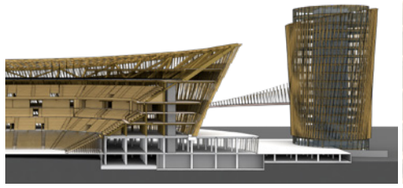
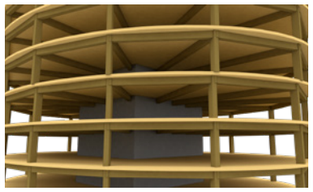
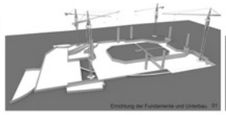
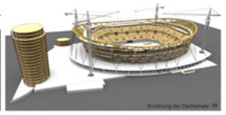
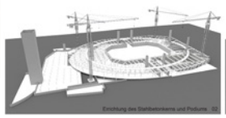
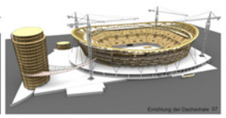


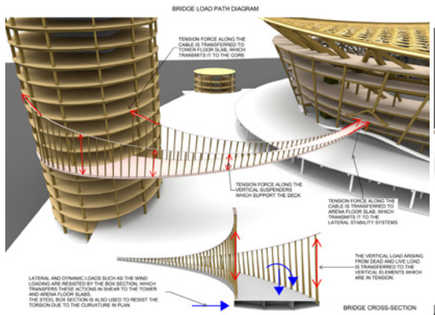


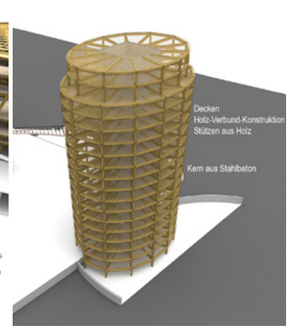




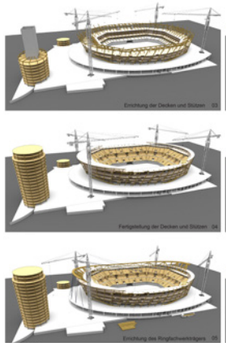


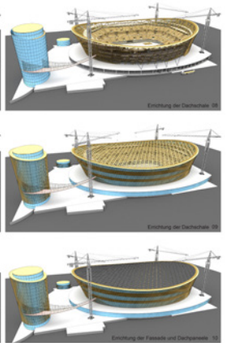






Concept diagrams





Construction diagrams

Visualization

Selected project references

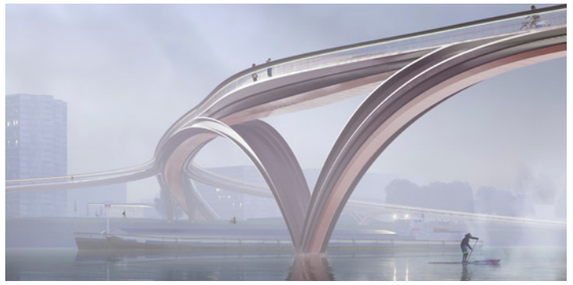
Infrastructure

Taiyuan Park Bridge

Requalification Pont du Lion

Blois Pedestrian footbridge over la Loire

Blois Noël footbridge



Cyclist and pedestrian footbridge over the Neckar

Taiyuan Plot 9 Bridge

Karlsruhe footbridge

Brommy New footbridge

Mönchengladbach footbridge

Ravensburg footbridge

TIMEFRAME 2020
TYPOLOGY ENTRANCE FOOTBRIDGE
BUDGET CA. 2M EUR
MAXIMUM SPAN 31 M, **LENGTH** 200 M, **WIDTH** 6.5 M
MATERIAL STEEL

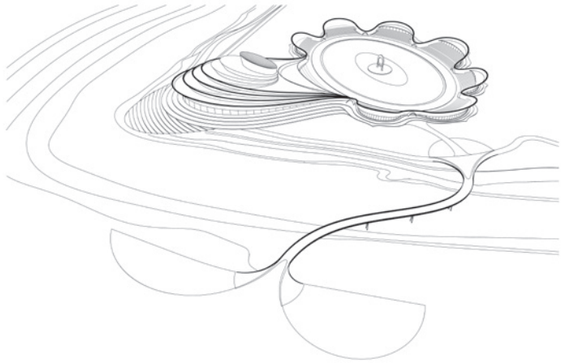
ARCHITECT + ENGINEER STERLING PRESSER
LOCAL ARCHITECT SOL
CLIENT QIANYUAN KULTUR KOMMUNIKATION LTD
STATUS BUILT

Taiyuan Park Bridge

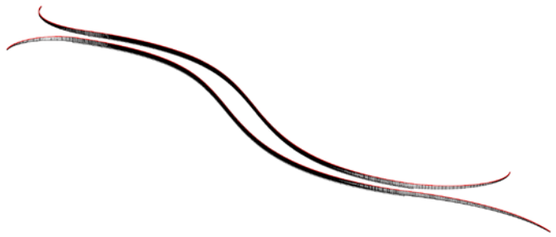
Taiyuan, China

The footbridge connects the landscape to the car park located beyond the river and its meanders. Its curvature announces the geometry of the lotus at the arrival. Its indirect path allows you to arrive from the side and discover the water, step by step. A straight path would make the route too direct. The concept is to design a connection to the car park in harmony with the lotus pattern of the landscape and the outer theatre. It develops from the same geometry. The double-curved footbridge is a gentle movement.

The entire balustrade gives quality to the design. The non-repetitive Moiré pattern creates a vibrant surface. In general footbridges are used at a slower pace than road bridges. Therefore the balustrade is a direct contact with the user and plays directly with light and shadows. The project is an invitation to the theatre.



Diagram



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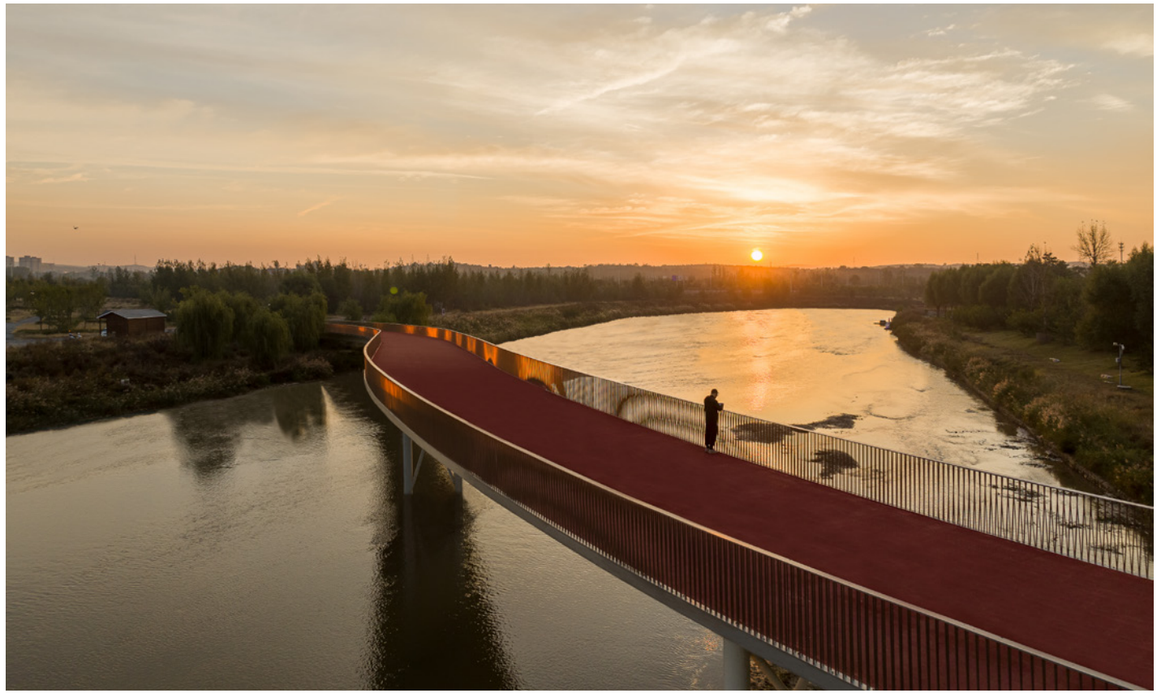
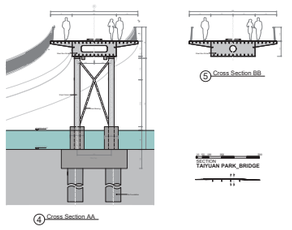
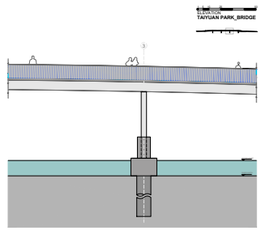
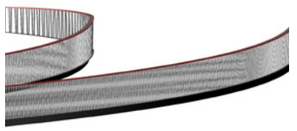


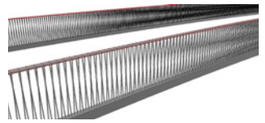
Picture

Pictures





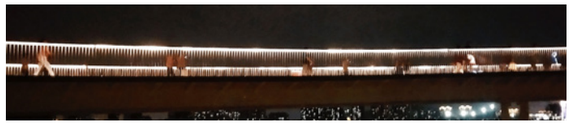




Diagrams

Construction

Bridge deck construction



Vizualisation

TIMEFRAME 2021
TYPOLOGY INFRASTRUCTURE - WIDENING EXISTING BRIDGE
BUDGET CA. 530 000 EUR
MAXIMUM SPAN 18 M, **WIDTH** 16 M
MATERIAL STEEL / CONCRETE

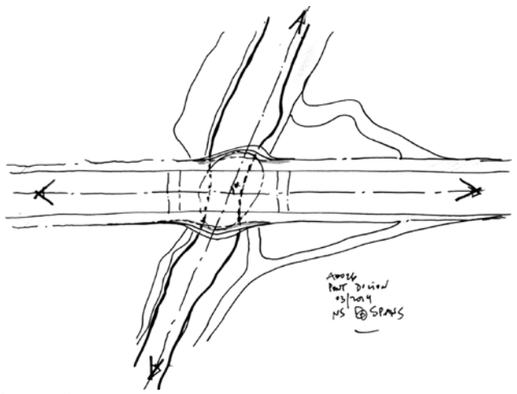
ARCHITECTS STERLING PRESSER / LOBOX ARCHITECTES
ENGINEERS STRAINS / BUCA
CLIENT CITY OF SAINT-GÉNIS-POUILLY
STATUS BUILT

Requalification Pont du Lion

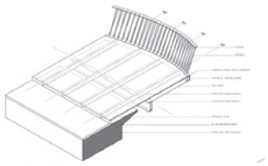
Saint Génis Pouilly, France

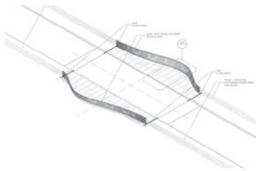
The project consists of a new development and the revaluation of the Lion Bridge in Saint Genis Pouilly near the CERN. The existing bridge spans over the river Lion. It allows road traffic at the entrance of the agglomeration. The approximate width of the carriageway is 7 m and the span of the bridge is 17.5 m. A survey report provided of a detailed study of the existing structure. Continuing the re-qualification of the Rue de Genève and downtown Saint- Genis-Pouilly, it aims at redefining the bridge without changing the current structure to allow a new intervention. The project allows road traffic at the entrance to the town and improves pedestrian traffic by about 2.20 m at the bridge approaches, which is currently reduced to about 1 m.

The requalification of the Lion Bridge responds to its relatively high traffic and the difficulties of access for pedestrians and disable. The project also highlights the question of integrating this infrastructure element into its landscape, in this case along the river and its landscaped accesses along the entire route along the river.



Concept Sketch

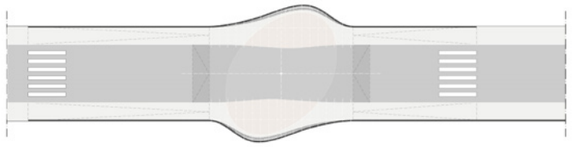




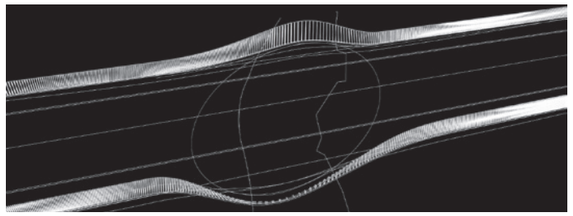
Axonometry

Pictures

Pictures



Plan



Pictures

TIMEFRAME 2023
TYPOLOGY INFRASTRUCTURE - NEW BRIDGE AFTER FLOAT
BUDGET CA. 4,3M EUR
MAXIMUM SPAN 38-39 M, **LENGTH** 39-44 M, **WIDTH** 5-15 M
MATERIAL STEEL / CONCRETE

ARCHITECT STERLING PRESSER
ENGINEERS WERNER SOBEK
LANDSCAPE RMP SL
CLIENT AHR MUNICIPALITY
STATUS COMPETITION - 2ND PRIZE

Bad Neuenahr Bruckenschlag

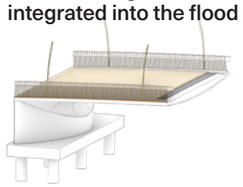
Ahr, Germany

The spa promenade brings the center of Bad Neuenahr closer to the Ahr. Located between Wolfgang-Müller-Straße on the one hand, the promenade extending from Jülichstrasse and Jülichstrasse connects the connecting axes coming from the city center (Especially Telegraph and Post Street), integrates effective flood protection in terms of design and leads towards the water.

In cross section, the promenade is a shared space for bicycle and car traffic, the adjacent upper promenade (partly raised as a flood protection structure) with recreation islands under a sparse canopy of leaves anzter linden trees, as well as the ahr terrace, which runs directly along the water. All three levels are connected at regular intervals with stairs and barrier-free ramps. The lower one at its start and end point, the promenade leads back to the upper promenade level as a barrier-free ramp, an additional ramp, embedded in an urban staircase, leads down from the church forecourt. Adjacent the ahr terrace expands and offers, among other things, direct access to the water as well as a gastronomic restaurant offer. The café will be integrated into the flood protection wall.

Logos

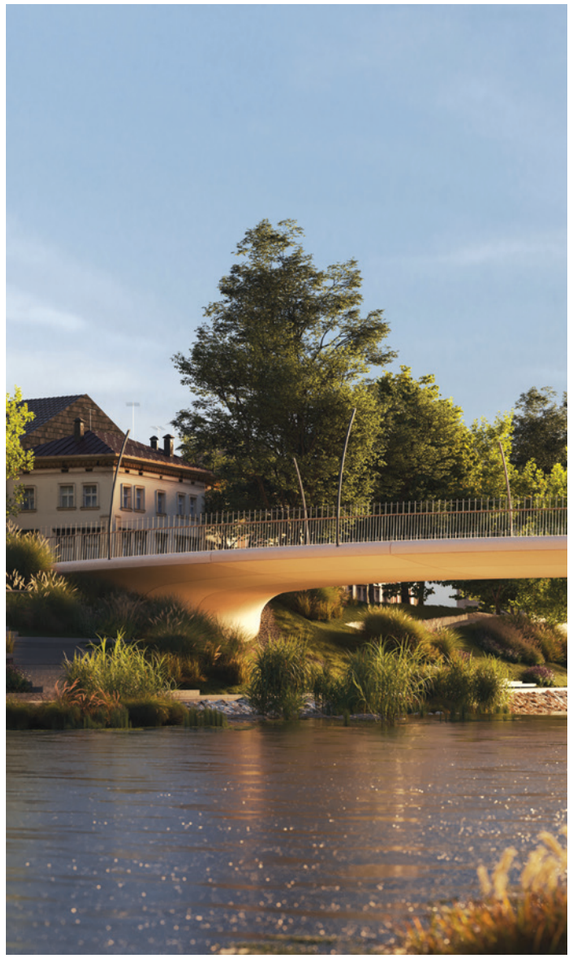
Float



Picture

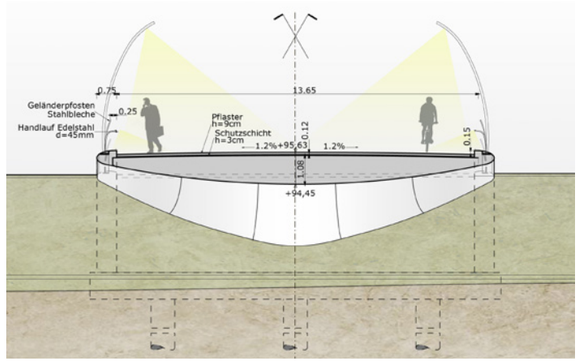
Overflow

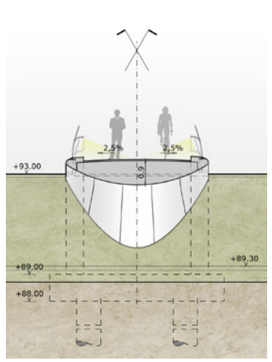
Pictures

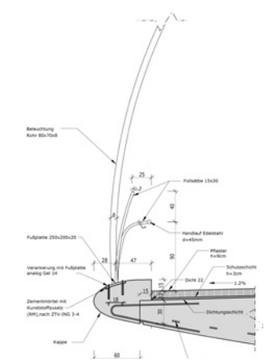


Pictures

Plans







Pictures

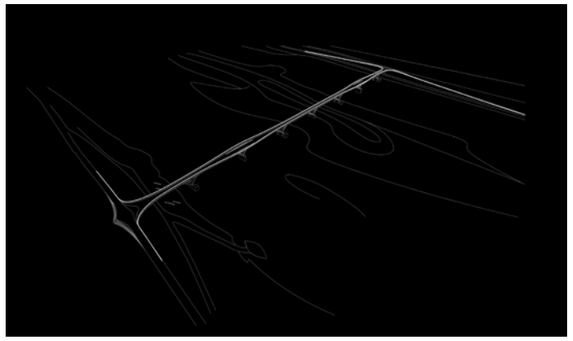
TIMEFRAME 2020
TYPOLOGY PEDESTRAIN AND CYCLIST BRIDGE
BUDGET CA. 8,5M EUR
MAXIMUM SPAN 37 M, **LENGTH** 300 M, **WIDTH** 4 M
MATERIAL STEEL

ARCHITECT + ENGINEER STERLING PRESSER
ENGINEERS (MANDATAIRE) AIA INGENIERIE / ADAO DA FONSECA
LANDSCAPE ARCHITECT A24 LANDSCHAFT
CLIENT CONSEIL DÉPARTEMENTAL DU LOIRE ET CHER
STATUS COMPETITION - FINAL ROUND

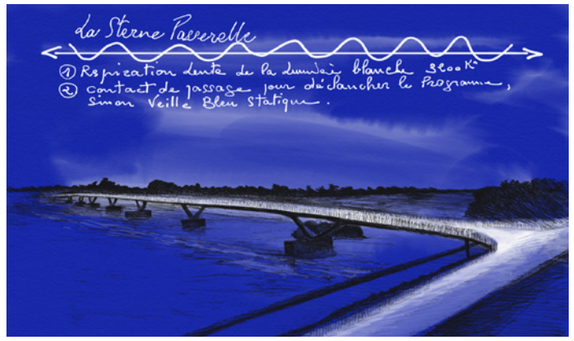
Passerelle sur la Loire

Loire, France,

The major challenge of the project is the integration of the landscape and architecture of the crossing structures and their connection to the soft paths on a larger scale of the area. The "Sterne Passerelle" connects the right and left banks of the Loire à Vélo itineraries and the "Châteaux à vélo" itineraries. It provides continuity between the routes on the banks of the Loire and can be used on foot, by bike and on horseback, with speeds appropriate to each type of movement, while also allowing for walking and wandering. The project of "La Sterne Passerelle" fades into the background of the performance and offers a purity and clarity of reading above the wild landscape..

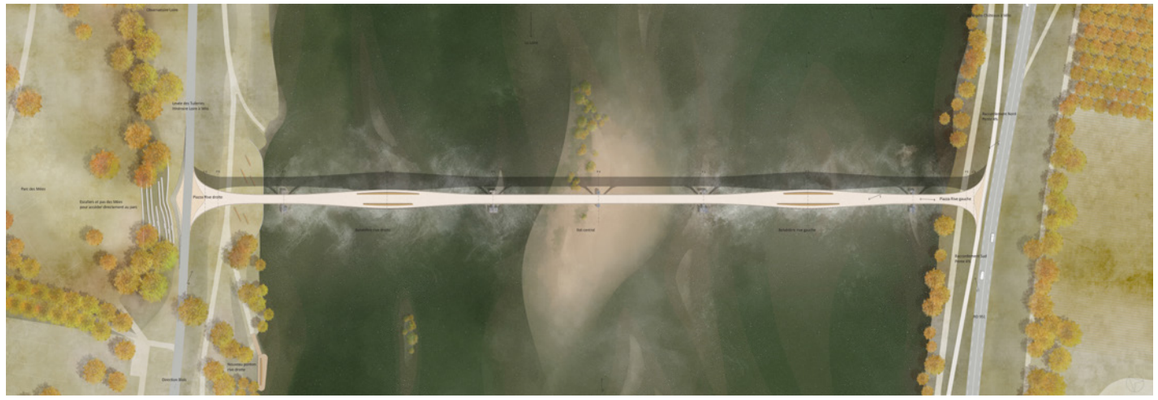


Concept Diagram

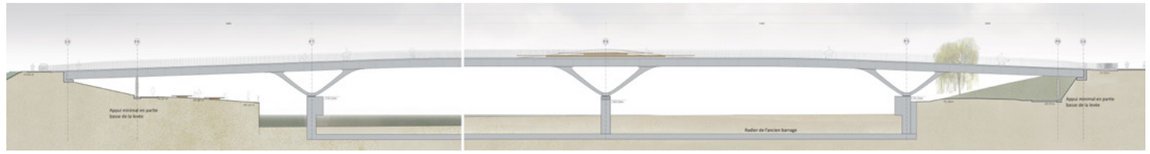


Concept lighting Yann Kersalé

Visualization



Masterplan



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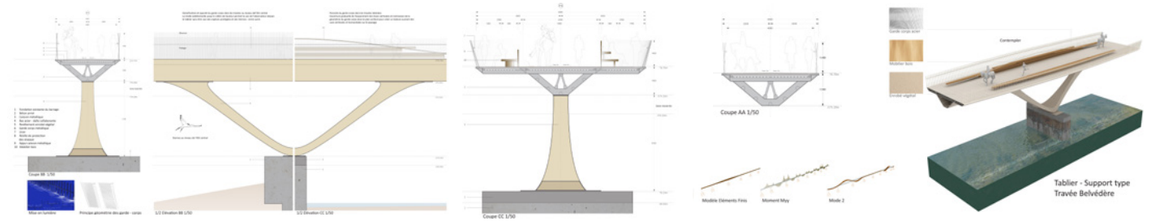
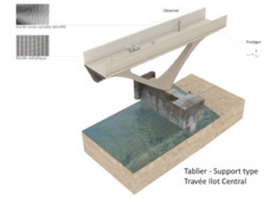


Cross Sections



Deck Type 1&2

Visualization

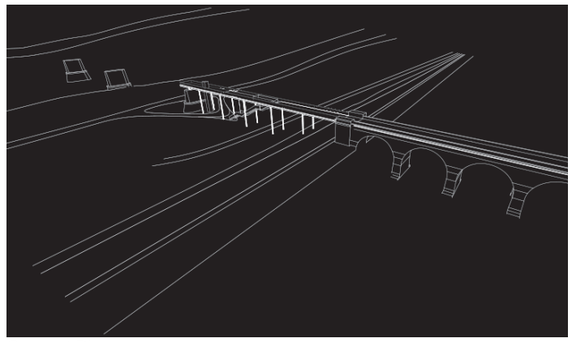
TIMEFRAME 2020
TYPOLOGY INFRASTRUCTURE – BRIDGE EXTENSION
BUDGET 600 000 EUR
MAXIMUM SPAN 12 M, **LENGTH** 72 M, **WIDTH** 4 M
MATERIAL CORTEN STEEL

ARCHITECT + ENGINEER STERLING PRESSER
ENGINEER AIA INGENIERIE / ADAO DA FONSECA
LANDSCAPE ARCHITECT A24 LANDSCHAFT
CLIENT CONSEIL DÉPARTEMENTAL DU LOIRE ET CHER
STATUS COMPETITION - FINAL ROUND

Blois Noël Footbridge

Loire, France

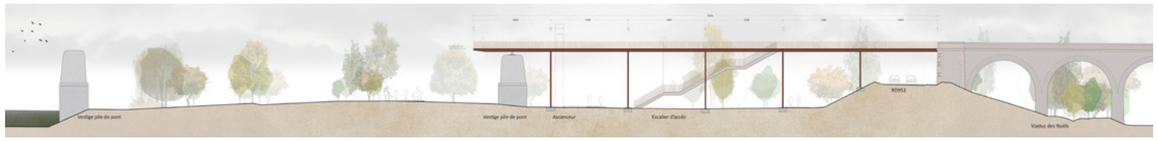
« Le Belvédère des Noëls » est une trace historique qui prolonge la mémoire du viaduc ferroviaire par une ligne discrète recréant une perspective sur la Loire. Il permet le franchissement de la RD951 en toute sécurité, et prolonge la ligne horizontale du viaduc des Noëls jusqu'au vestige existant pour créer un espace de contemplation. C'est un raccord simple, calé sur le rythme des 12m des portées des arches du viaduc et qui résonne avec la géométrie de la pierre. La corniche du viaduc se prolonge et laisse une trace horizontale et laisse imaginer une continuité de l'ouvrage passé. Le pont se termine sur un vestige et permet l'ouverture sur la Loire. L'ouvrage fait exister de nouveau une perspective unique pour « donner à voir » la nature changeante du paysage ligérien. L'ensemble des éléments porteurs est constitué de profils en acier à résistance améliorée à la corrosion atmosphérique dit auto-patinable (type Corten ou équivalent). Le belvédère est constitué d'une structure principale en acier d'environ 40T. Elle se compose de 6 travées continues de 12m chacune. La dernière présente un appui intermédiaire sur la pile existante pour finir en porte-à-faux sur les 5 derniers mètres. Le belvédère forme une passerelle de 72m de longueur totale.



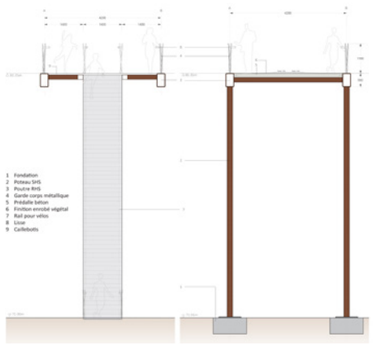
Concept Diagram

Visualization

Masterplan



Elevation



Cross Section

Visualization

Apron Type 1&2

Visualization

TIMEFRAME 2020
TYPE FOOTBRIDGE
BUDGET CA. 800 000 EUR
MAXIMUM SPAN 35 M, **LENGTH** 54 M, **WIDTH** 3 M,
MATERIAL STEEL & TIMBER

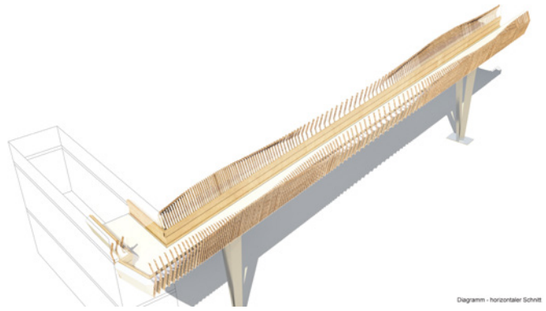
ARCHITECTS STERLING PRESSER
STRUCTURAL ENGINEER FHECOR
CLIENT STÄDTISCHE KLINIKUM KARLSRUHE GGMBH
STATUS COMPETITION - FINAL ROUND

Karlsruhe Klinikum Footbridge

Karlsruhe, Germany

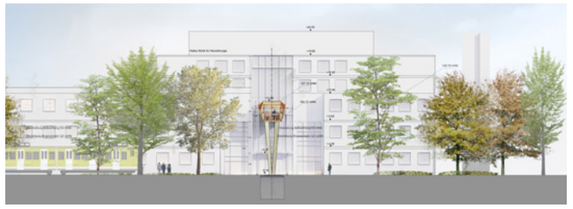
The Karlsruhe Municipal Hospital is a large hospital facility and the largest hospital in the "Mittlerer Oberrhein" region and a teaching hospital of the University of Freiburg. Every year, around 185,000 outpatients and over 63,000 inpatients are treated in the hospital by around 4,300 employees. However, due to the increased number of staff and treatments as well as an infrastructure that is no longer up to date, extensive structural changes are also planned for the coming years. It is planned to erect a new helicopter landing platform as a free-standing structure on the open space in front of the building. The element of the current competition relates to the development of the bridge connection between the helicopter platform and the Helios Clinic. It is planned to further develop the bridge to connect the platform with Haus R Radiology.

Our proposal for the enclosed footbridge between the helicopter platform and the heart intensive care building within the Karlsruhe Hospital centre includes an Hybrid structure - both in steel (creating the supporting element) and the timber (creating the façade and enclosure) as a minimalist and sustainable response to a very functional programme. The folding steel elements work as an optimum in symbiosis with the timber delicate framing.

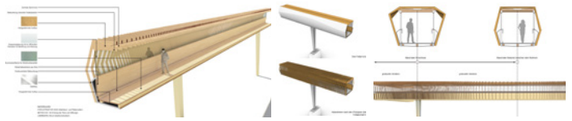


Diagram

Visualization

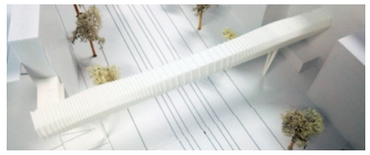


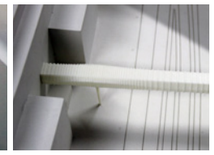
Sections



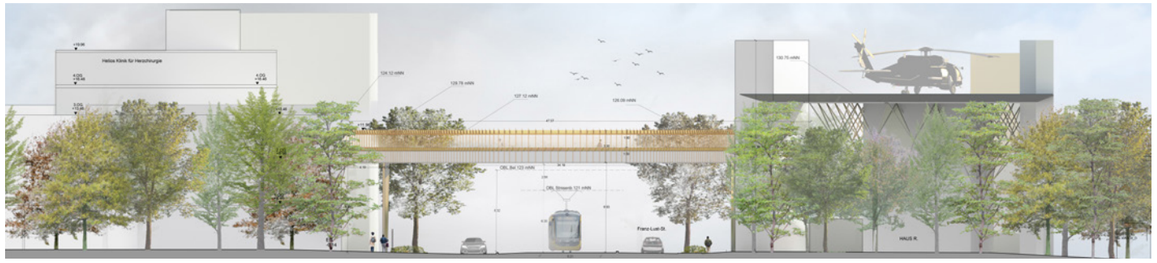
Diagrams

Masterplan

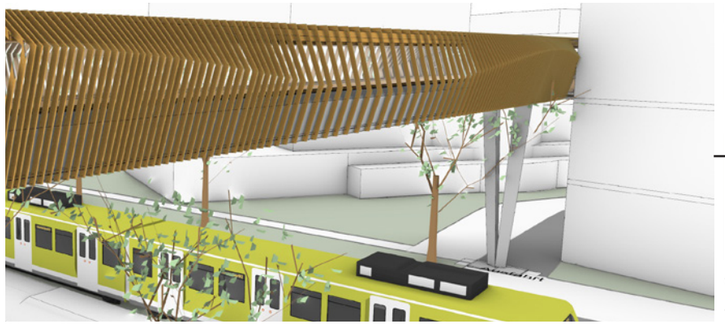




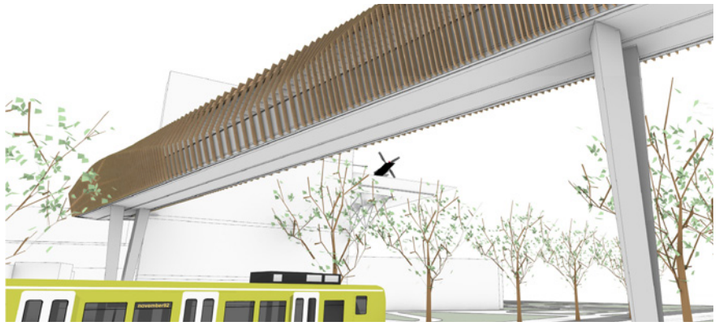
3D Printed Model



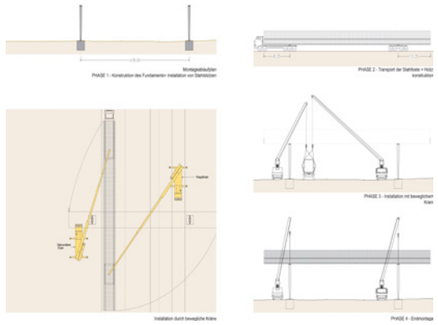
Elevation



Visualization



Visualization



Construction sequences

TIMEFRAME 2019
TYPE PEDESTRIAN AND CYCLIST BRIDGE
BUDGET CA.18M EUR
MAXIMUM SPAN 120 M, **LENGTH** 610 M, **WIDTH** 6.5 M
MATERIAL STEEL

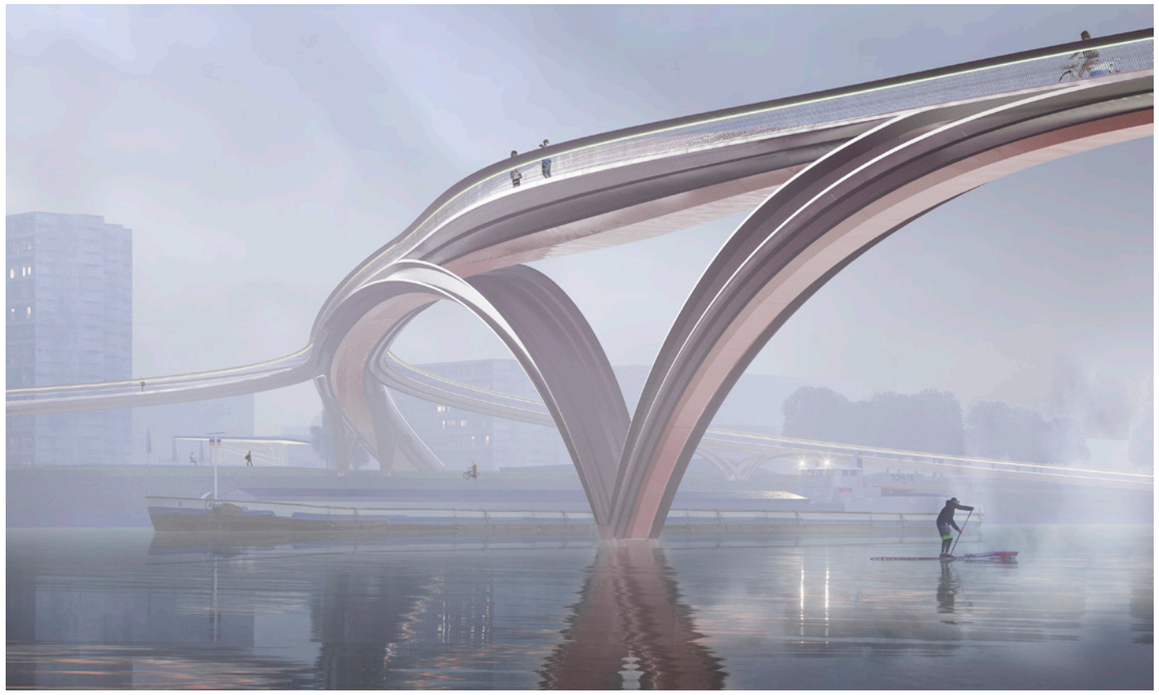
ARCHITECT STERLING PRESSER
ENGINEER ADAO DA FONSECA, PORTUGAL
LANDSCAPE ARCHITECT A24 LANDSCHAFT, BERLIN
CLIENT CITY OF HEIDELBERG
STATUS COMPETITION LP 1–2, SHORTLISTED PHASE 2

Footbridge over the Neckar
Heidelberg, Germany

Structure section

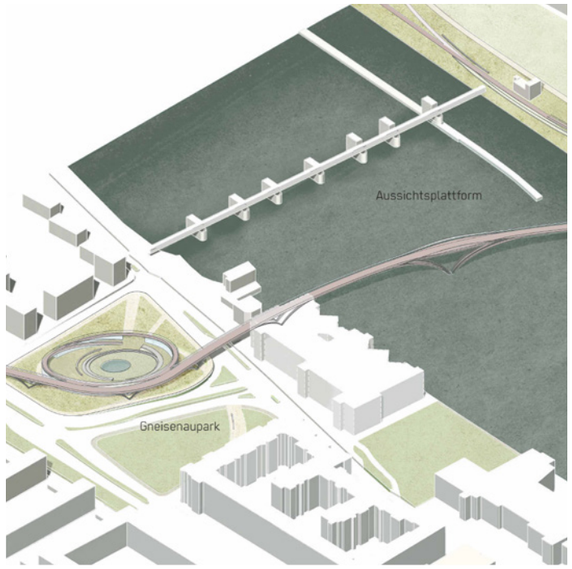
Our proposal for the pedestrian bridge not only creates a functional structure, but also a unique opportunity to connect traffic route and stay together. The 600-meter long pedestrian and cyclist deck is a succession of urban situations and atmospheres: parks, street spaces, short narrow passages and wide riverside promenades. The pedestrian bridge acts as an “urban link”, creating an efficient and smooth connection between the two river banks with places to linger. The central location of the Gneisenaupark centralizes the movement, which extends in the direction of the Neckar and in the direction of Bahnstadt. Surrounded by the double-ramp outlets, it creates a powerful place that becomes a programmatic architecture “under the bridge” and creates a new sense of space. The “Neckar Arm” leads to a raised viewing platform as a contemplation point in the middle of the river with a unique view of Heidelberg and the river floodplains west of the weir. The “Bahnstadt-Arm” spans the busy Bergheimer Straße and forms a new gate into the city center with its dynamic shape. An additional ramp leads to the new park on the roof of the depot. From the high points arise wide views, the low points serve as bridge connections.

The new pedestrian and bicycle bridge offers more than just a functional structure. It becomes the new, vitalising infrastructure of the city, which creates a new sense of space and brings the individual subareas into a new spatial experience.

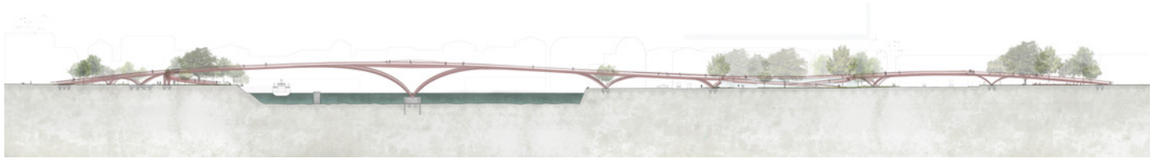


3D Visualization

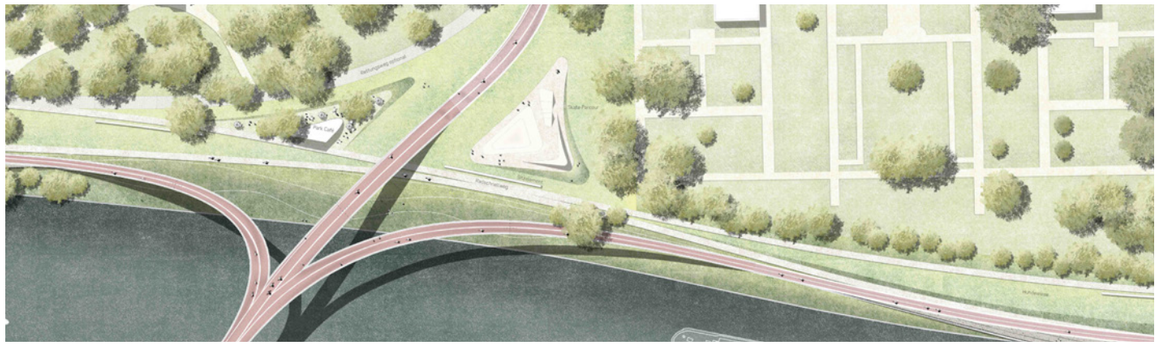
View of the landscape ramps: „piazza“. 3D Visualization



Diagram



Elevation



Plan

Visualization

TIMEFRAME 2017
TYPE PEDESTRIAN AND CYCLIST FOOTBRIDGE
BUDGET CA. 8M EUR
MAXIMUM SPAN 110 M, **LENGTH** 150 M, **WIDTH** 4 – 7 M
MATERIAL STEEL

ARCHITECT + ENGINEER STERLING PRESSER
CLIENT TU / SENAT
STATUS COMPETITION FINALIST LP 1 – 2

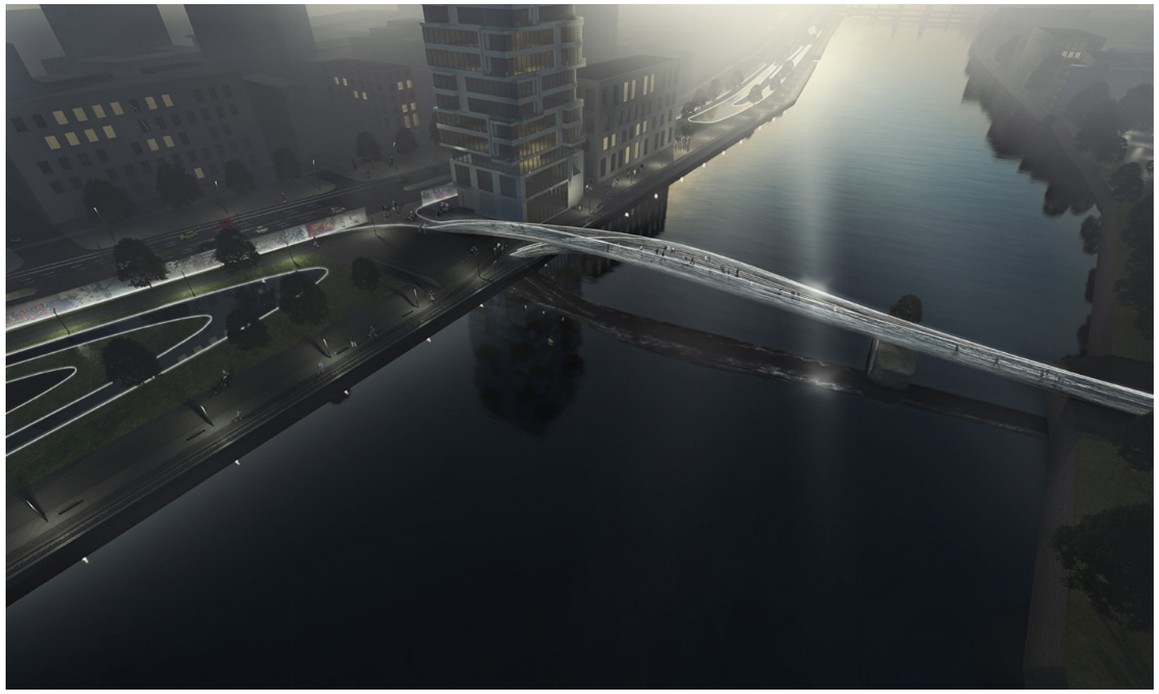
Brommy New Footbridge

Berlin, Germany

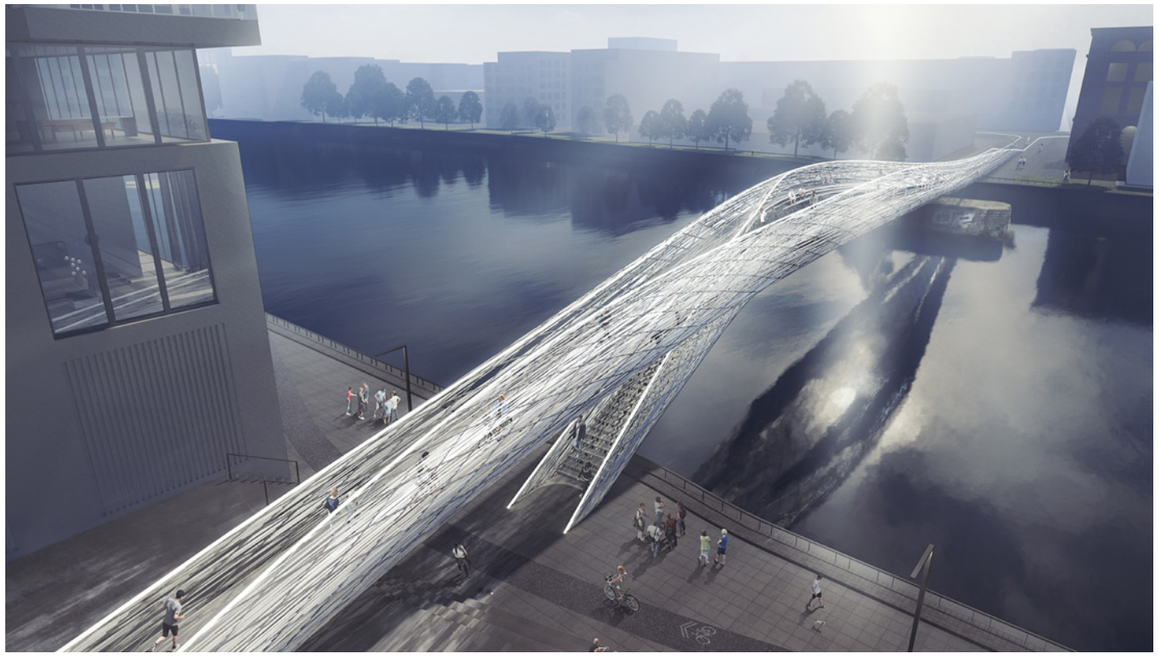
The historical, cultural and geographic contexts are a unique background to the project, marked by a history of resistance. The site is a place of reunion and division where 2 bridges have already been built and destroyed. The East Side Gallery, along the site, is recalling the old city division between East and West. Since 1989, the graffiti's and the street art express messages of freedom, hope and liberation. The footbridge proposal is not only a crossing structure but a unique opportunity to create a strong link above the river Spree, and with the East Side Gallery. The bridge channels the landscaping flow of 2 spiraling energy along "The Wall" vestige into a new unique flow on the other side, symbolizing the regeneration after resistance, and creating a new place of reflection, contemplation through a meditative walk.

The footbridge is constructed as a diagrid structure. Its apparent seamless and faceted form participates to the abstraction of the whole shape – without any hierarchy. One option is to use of mirrors as a key feature within the structure to abstract the footbridge object into an experience, starting from the dense wall to the light reflection of the water. It would open a new virtual dimension a "dream catcher."

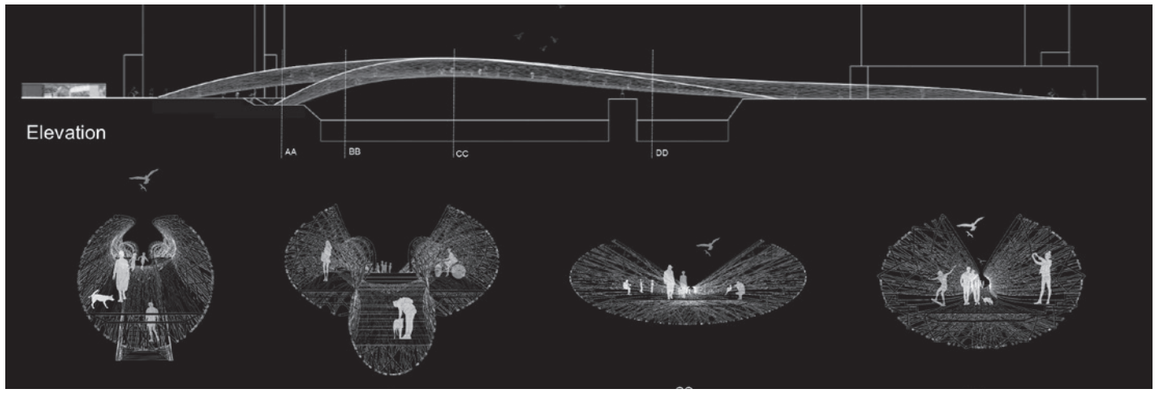
Structure



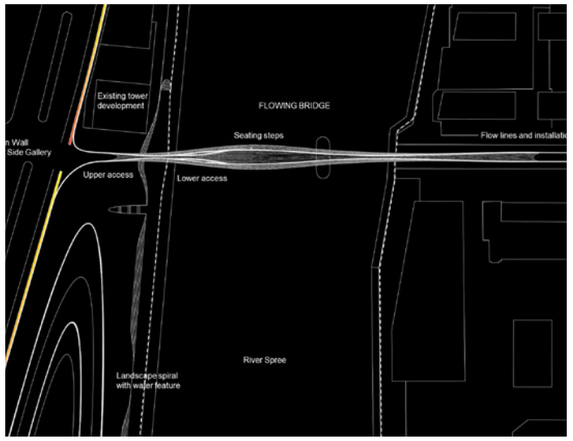
Visualization, general view



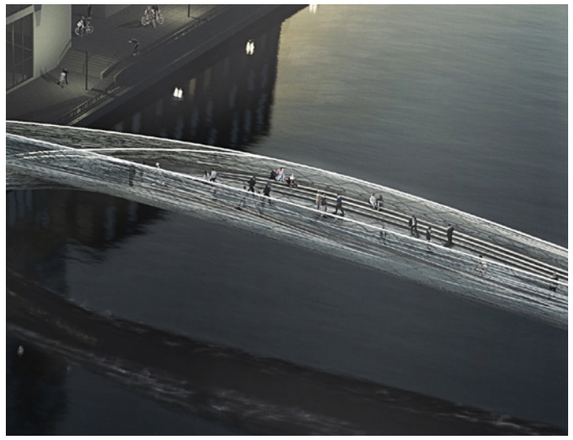
Visualization



Masterplan



Masterplan



"Piazza"

TIMEFRAME 2020
TYPOLOGY PEDESTRIAN AND CYCLIST FOOTBRIDGE
BUDGET CA. 2M EUR
MAXIMUM SPAN 28 M, **LENGTH** 120 M, **WIDTH** 4.5 M
MATERIAL STEEL

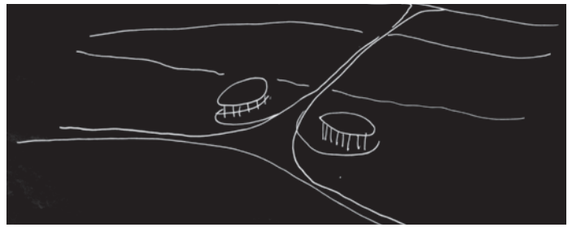
ARCHITECT + ENGINEER STERLING PRESSER
LOCAL ARCHITECT SOL
CLIENT QIANYUAN KULTUR KOMMUNIKATION LTD
STATUS COMPETITION - SHORTLISTED

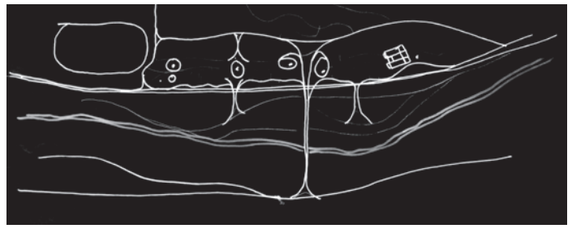
Taiyuan Plot 9 Bridge

Taiyuan, China

The Plot 9 footbridge is a connection for light traffic in connection with the current development of the master plan on the periphery with the new theatre in Taiyuan. The main idea of the project is to open up the residential, tourist and commercial development on the river front and to integrate the two banks. This proposal opens up the perspective of the directing plan and integrates the natural river-focused elements into the composition. The new footbridge allows visitors to walk or cycle along the banks and allows for new combinations of walking and cycling to the theatre under construction.

The proposal is part of a wider development of the city to reconcile the riverbanks with ongoing developments and allow for walks outside the city and the urban environment. A new vision for the outskirts of Taiyuan consists of new infrastructures to allow green tourism with eco-villages, activities in the heart of nature, shops related to local know-how. The construction of the new footbridge will open the entire parallel plane to the water in a central and transversal composition.



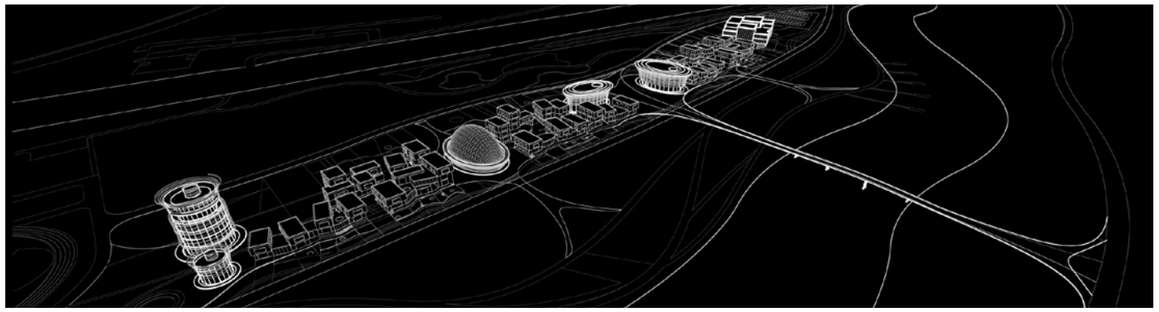


Concept diagram

Visualization

Visualization

Map



Concept diagram

Visualization

Information diagram

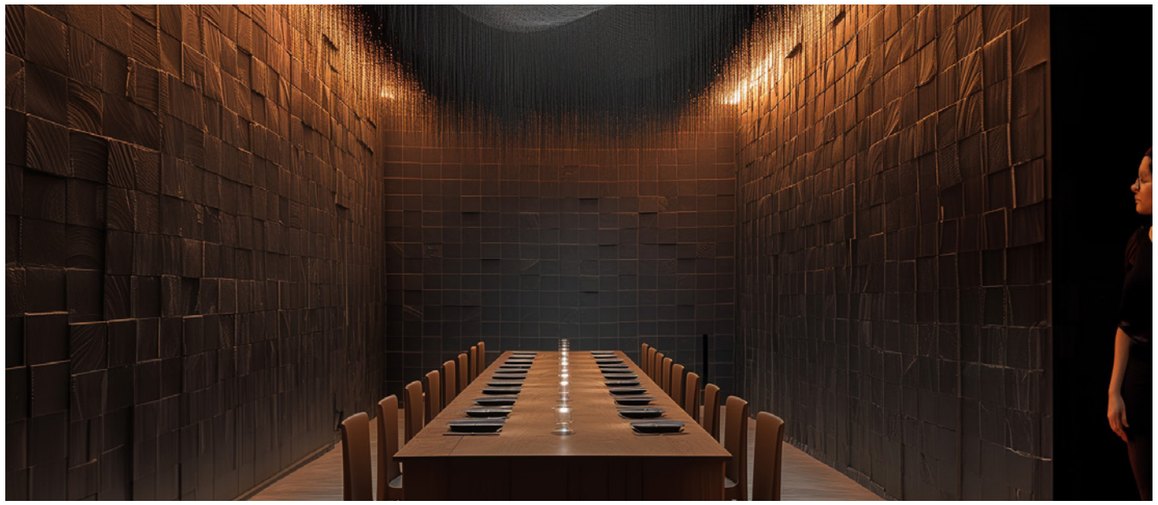
Visualization

Selected project references

Hospitality/Interior design

LaLa Hotel

Wabi-Sabi Hotel



Vellum Wave Hotel

TIMEFRAME 2019
TYPOLOGY HOTEL
BUDGET NA
SURFACE 6000 SQM

ARCHITECT STERLING PRESSER
CLIENT PRIVATE
STATUS DESIGN

Lala Boutique Hotel

Lisbon, Portugal

The Lisbon dream house offers a timeless and highly comfortable experience in an authentic, charming, warm, happy, stimulating and unique environment. Guests are welcomed as if they were in the home of a close friend, instilling a sense of peace and belonging. It is a place where they take the time to do simple things but in a beautiful and different way. Discreet and dedicated staff preempt the needs and wants of the guests, providing them with what they want before they even know it themselves.

The project design concept includes the following ideas:

- Wabi-Sabi philosophy through the design
- Material elements
- Transformation of these elements

"Wabi-Sabi", a Japanese aesthetic term for a situation. Wabi means to magnify oneself. Sabi means silence.

Wabi-sabi describes a state of living in the present moment. The elaborate design or arrangement creates an extraordinary atmosphere or magnetic field that makes it easier for people to enter the present moment and create the feeling of returning to the inner origin.

Concept

Reception area

Cafe area

Lounge

Double room with view

Entrance area

TIMEFRAME 2022
TYPOLOGY HOTEL
BUDGET NA
SURFACE 4800 SQM

ARCHITECT & ENGINEER STERLING PRESSER
CLIENT PRIVATE
STATUS DESIGN

Wabi-Sabi Hotel
Lisbon, Portugal

The Lisbon dream house offers a timeless and highly original experience in an authentic, charming, stimulating and unique environment.

Guests are welcomed as if they were in the home of a close friend, instilling a sense of peace and belonging.It is a place where they take the time to do simple things but in a beautiful and different way.Discreet and dedicated staff preempt the needs and wants of the guests, providing them with what they want before they even know it themselves.

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- Material elements
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A Japanese aesthetic term for a situation. Wabi means to magnify oneself. Sabi means silence.Wabi-sabi describes a state of living in the present moment.

The elaborate design or arrangement creates an extraordinary atmosphere or magnetic field that makes it easier for people to enter the present moment and create the feeling of returning to the inner origin. It is called "Wabi-sabi" in Japan


View from the room


Exterior View


Materiality


Hotel rooms integrated in existing rocks


Meditation area in garden


Outdoor area


Exterior View

TIMEFRAME 2025
TYPOLOGY HOTEL
BUDGET NA
SURFACE NA

ARCHITECT & ENGINEER STERLING PRESSER
CLIENT NA
STATUS CONCEPT DESIGN

Vellum Wave Hotel

Oslo, Norway

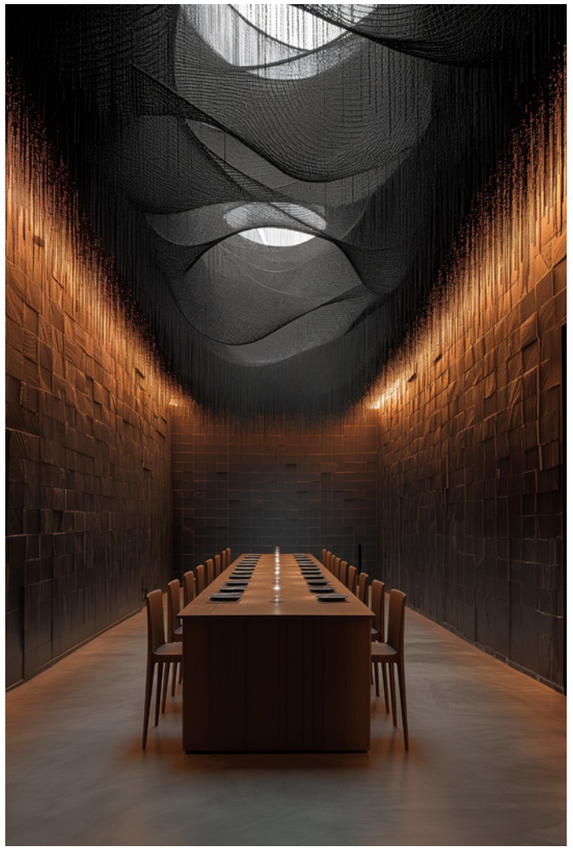
Hotel Vellum Wave is a five-star architectural marvel located on the tranquil shores of the Oslo Fjord.

The building's fluid, ribbon-like balconies emulate the gentle undulations of water, making it a harmonious addition to the natural Nordic landscape. Designed by an avant-garde Scandinavian studio, the structure uses locally sourced dark stone and reflective glass to blend modern luxury with eco-conscious principles.

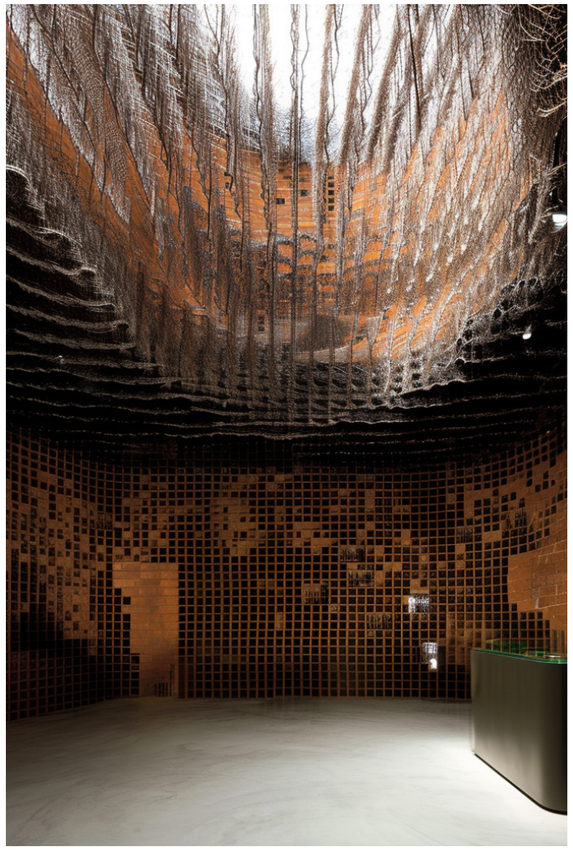
The hotel offers 120 bespoke suites, each with sweeping fjord views, curated Scandinavian interiors, and private terraces. The lower levels house an open-plan wellness center, Nordic-inspired restaurant, and a fireside lounge designed for hygge-infused evenings. Native birch trees in illuminated planters line the entrance plaza, softening the modern lines and welcoming guests with a sense of serenity and exclusivity.

A destination for design lovers and nature seekers alike, Hotel Vellum Wave is a serene retreat where architecture and landscape ripple into one.

Exterior & Entrance View



Dining room



Reception area

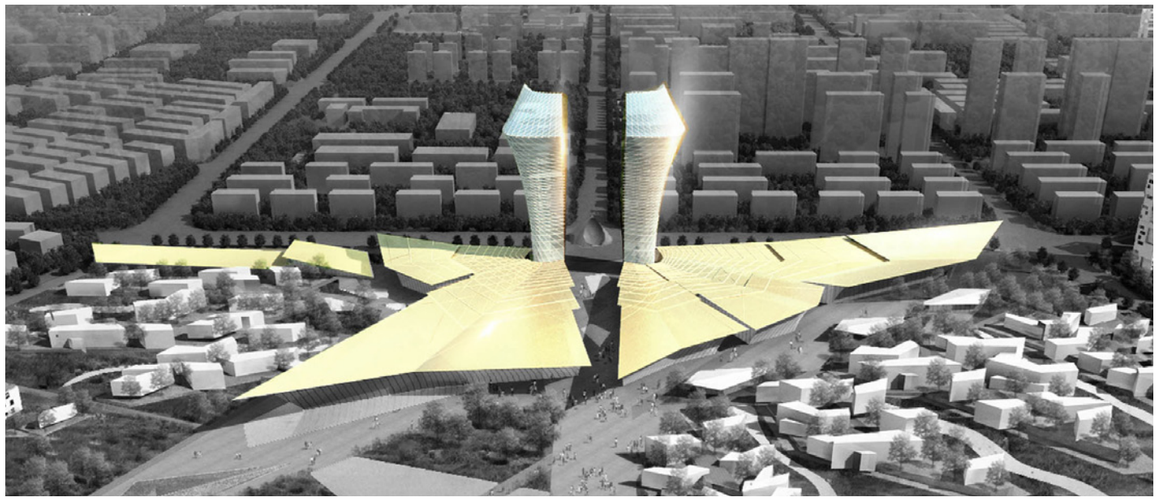
Restaurant

Selected project references

Masterplan

Zhejiang Sci-Tech University

Ecovillage Masterplan



Longquan Sport Centre and Towers

TIMEFRAME 2017
TYPOLOGY MASTERPLAN - CAMPUS
BUDGET NA
SURFACE 15000 SQM

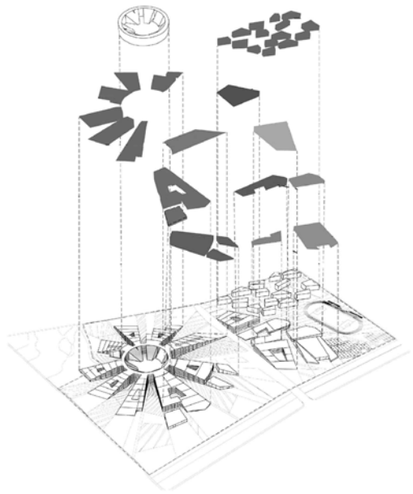
ARCHITECT STERLING PRESSER
LOCAL ARCHITECT SOL
CLIENT SOL
STATUS COMPETITION

Zhejiang Sci-Tech University

Zhejiang, China

The whole masterplan fragmented geometry has been created considering the life dynamic on the campus: each single activity is connected to the whole. It is a family of buildings and activities where each member has a position, origin, hierarchy and function together. The main teaching programmes, library and related administrative buildings have been united into a ring and radial organisation as the primary core building. It does represent he main central feature. It is the centre, attractor of the whole campus. All different networks have a direct path to the core building. This idea of the ring reminds of the importance of the continuity, dynamic growth and heritage of knowledge through generations. The core building is linked by a central spiralling ramp like a catwalk. It does symbolise the vortex of creativity. Some parts of the ramps can be used as well to exhibit, workshop and catwalk. Along the full length of the ramps, it can be an equipped fashion show!

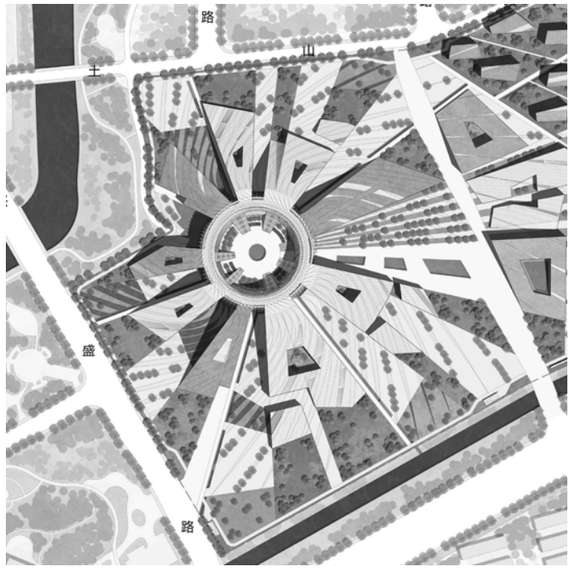
The central part of the ring building is a public common space where the campus community can gather, meet exchange where all general information is centralised. This area is as well the entrance to all programme. Concerts, public speech, installation, and show can as well happen as specific event. The other parts of the programme (sport hall, stadium and residencies) are directly connected to the central ring by pedestrian and cycling paths throughout the whole masterplan.



Concept diagram

Visualization

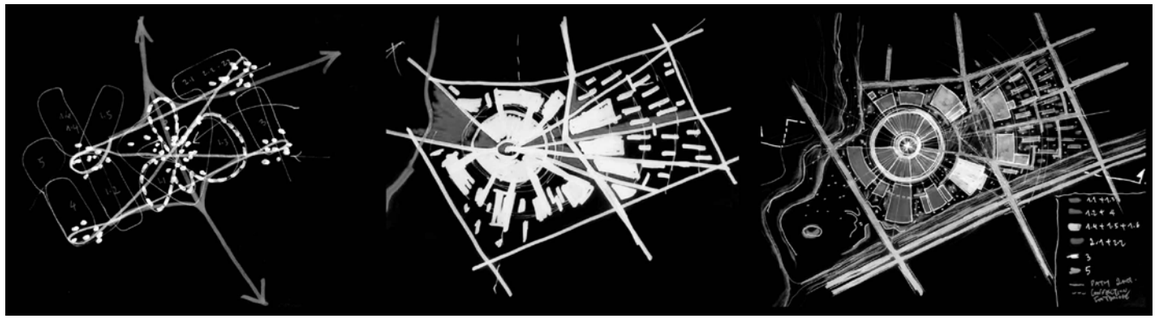
Visualization



Masterplan

Visualization

Concept diagram



Concept diagram

Masterplan distance to the main city center

Site situation

TIMEFRAME 2018
TYPOLOGY MASTERPLAN
BUDGET NA
SCALE 18.000 SQM

ARCHITECT STERLING PRESSER
LOCAL ARCHITECT SOL
CLIENT QIANYUAN KULTUR KOMMUNIKATION LTD
STATUS CONCEPT DESIGN

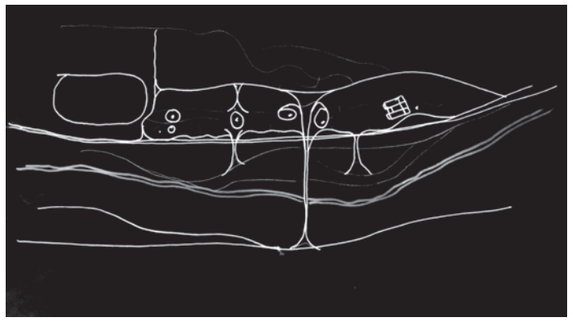
Eco village Masterplan

Taiyuan Park, China

PLOT 9 development is a unique project combining leisure, hotels, homestay within a specific natural landscape. The site is including a 18 000 m2 development along the river Xiaohe in Taiyuan. The whole concept aims at respecting the beautiful and natural landscape shaped along the river. Each program is integrated within the nature and trying to have a light impact within the trees and the topography. It offers a sense of place and a place to rest or natural activities. The project can be reached by car and offers 3 different parkings, including one of the other side of the river, with direct access from the new bridge.

Invitation to nature along the river: thirty minutes from the city center, the project is an invitation to nature, local crafts activities, sustainable shopping and local food restaurants. The project is aiming to take a sustainable approach within Chinese growth.

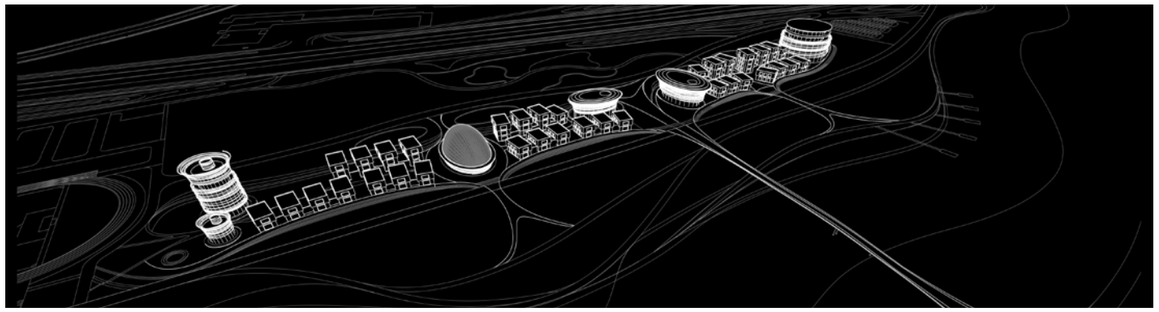
The landscape integration is reinforced with secondary and smooth path along the meanders. The difference of levels between the dam level and plot 9 program is managed with terraces and steps providing gardens, between privacy and public promenade. From a landscape and urban scale to a house and garden scale: within this program, the plot integrates smaller parcels and buildings with shopping areas, cafes, restaurants, place to stay and share time. The smaller units are fabricating an intimate scale of piazza, courtyards



Concept Sketch

Visualization

Visualization



Concept diagram

Visualizations

Masterplan

TIMEFRAME 2017
TYPE MASTERPLAN, SPORT CENTRE
SURFACE 235.000 SQM

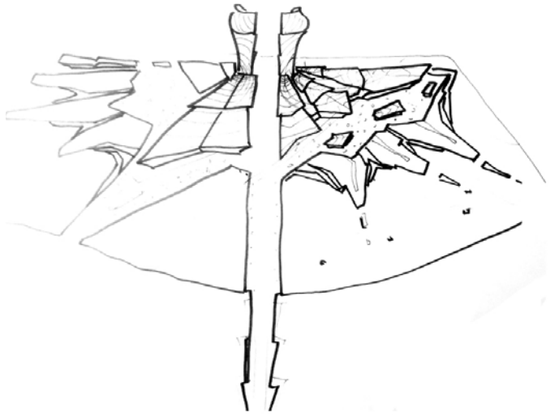
ARCHITECT STERLING PRESSER
CLIENT SOL
PHASE SCHEME DESIGN

Longquan Sport Centre and Towers

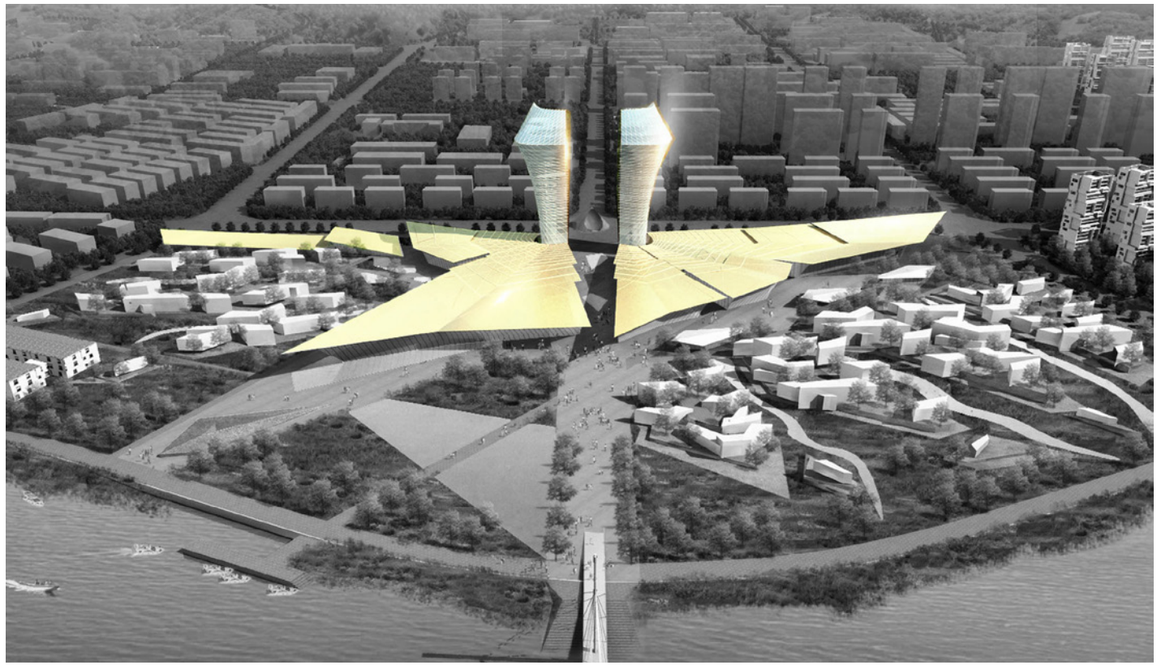
Longquan, China

The whole concept is to create a centre with the two landmark towers. The masterplan is a continuation of the geometrical language up to the smaller scale/residential buildings and in some specific elements into the landscape. The overall masterplan plays with the ideas of cracking, the cracking of porcelain. Longquan is famous for its porcelain and sword industry. The roof of the buildings of the sport facilities playing with the idea of cracks to breakdown the scale without interrupting the continuity of the programme itself. The individual residential buildings are spread in a way to represent the idea of cracking and elements within the landscape recalling this idea too.

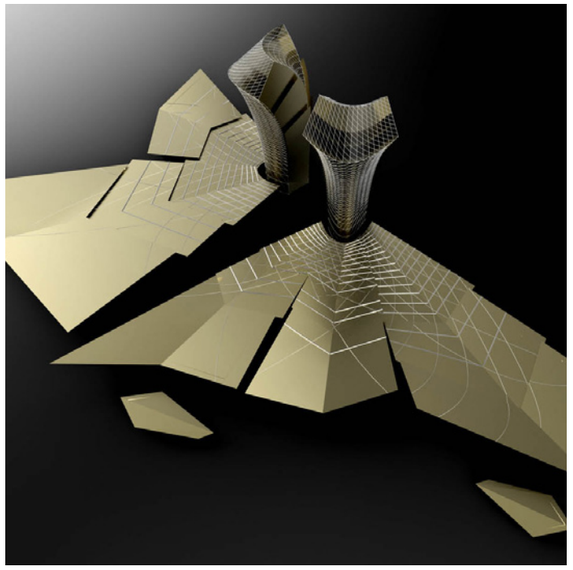
There is a symmetry induced by the twin tower and driven by the main axis linked to the bridge. In reference to Chinese temples, the symmetry and the notion of gateway provided by the 2 high buildings is a key feature. This symbol also influenced the geometry of the 2 towers. The geometry of these buildings is not literally but referenced to traditional buildings in China. The edge is distinct and the very corner is expressed towards the sky symbolically. The lower height starts at the foot of the tower to point the sky of the other sides. The towers are formed in the geometrical language of the swords. They represent sharp corners. The materiality of the roof is to be seen as a thin layer of metal sheets in continuity of the tower with a glossy and reflective looking representing the sword.

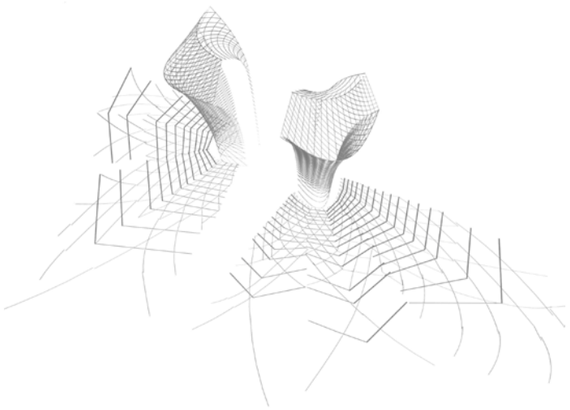


Concept sketch

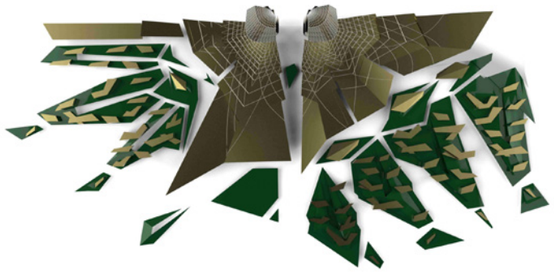


Visualization

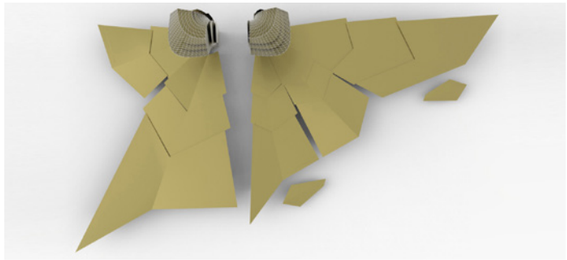




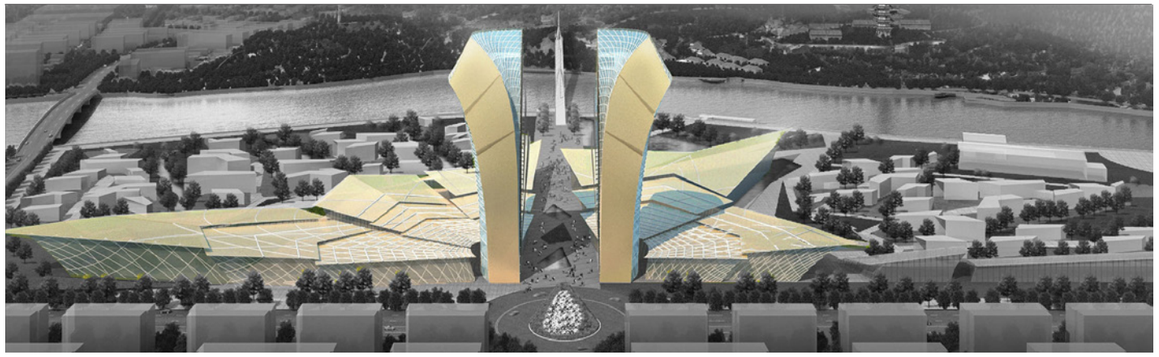
Concept diagrams



Concept diagrams



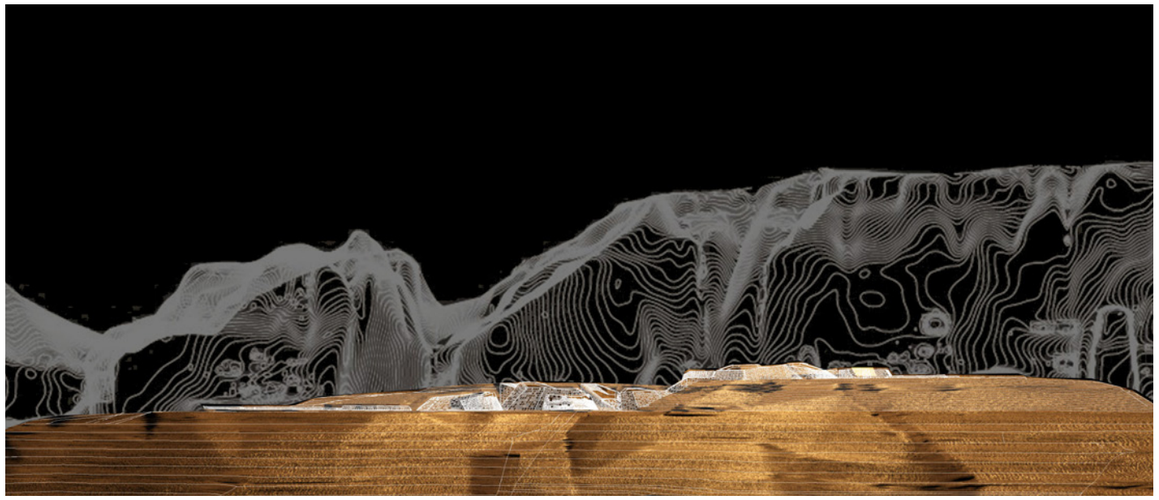
Concept diagrams



Visualization

Selected project references

Conceptual Work



Cultural centre Bamiyan

Pulpit rock church

Hotel Saudi Arabia

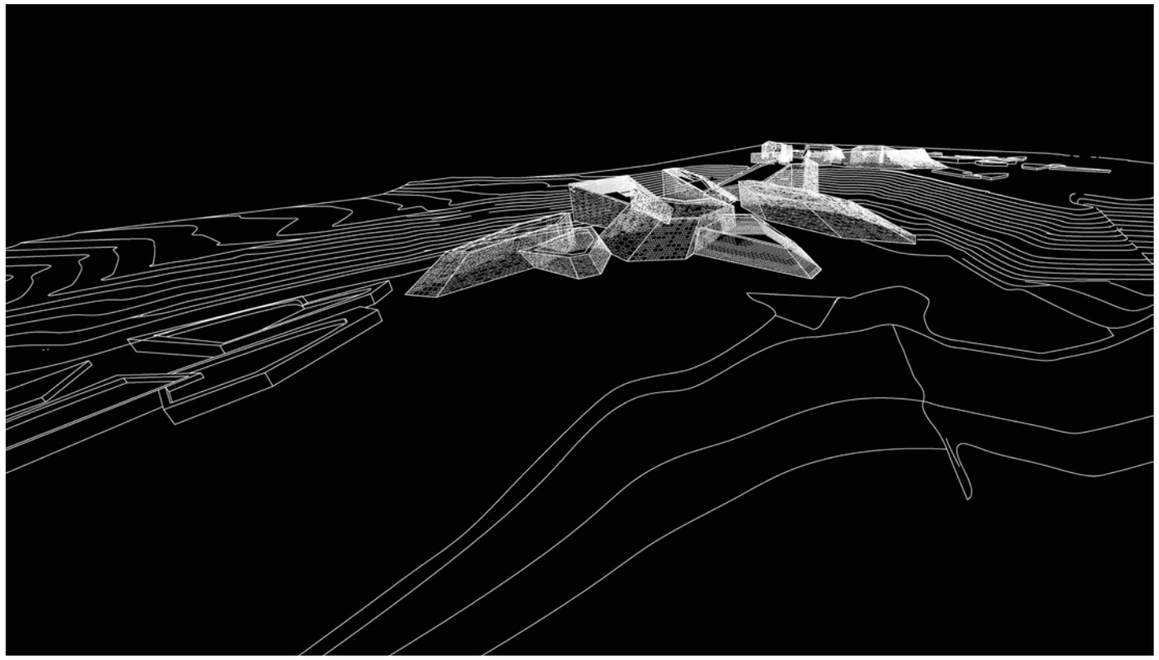
TIMEFRAME 2015
TYPE CULTURAL CENTRE
BUDGET CA. 2,5M EUR
CAPACITY 2220 SQM

ARCHITECT STERLING PRESSER
CLIENT UNESCO
STATUS COMPETITION - FINALIST

Cultural Centre
Bamiyan, Afghanistan

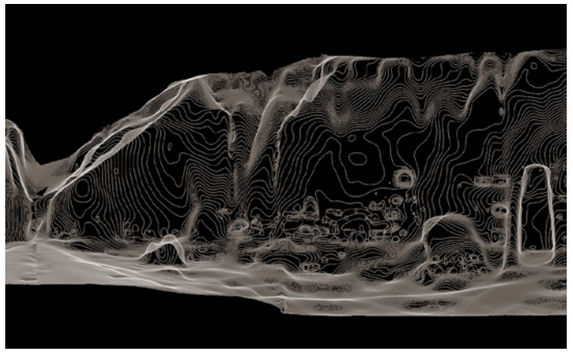
The Bamiyan Cultural Centre proposed design is a landscaped project. It is a place for contemplation and an invitation to inspire and share. The project is about respect to the history, the topography inhabited by the local communities. The integration has been approached through a non-monumental architectural form, a relative fragmented low rise set of buildings following the ground overall levels, and sand coloured aspect. The Bamiyan Cultural Centre proposed design aims at being a timeless project, as a place for the community without being a landmark conflicting with the quietness of the site and its iconic natural mountains façade forming the background. The non-formal approach intends at celebrating the site, the heritage and being in symbiosis with its energy. The primary plan key lines are derived from the soil fragments and cracks and is articulated as a set of different programmes set out in the levels and topography of the site. In response to the Afghan architecture, the different buildings are defining intermediate spaces, courtyards, connections creating some outdoor and indoor spaces.

The plan can be read as a succession of public spaces and more private areas are all articulated on the landscape. Furthermore, the project makes reference in the carved and cave architecture which is a primary feature of the architecture of the Bamiyan. Some of the local caves are natural, but most of them are the result of human construction. This type of construction invites a meditative practice and an inner seclusive way of living, which is part of the Buddhist architecture.

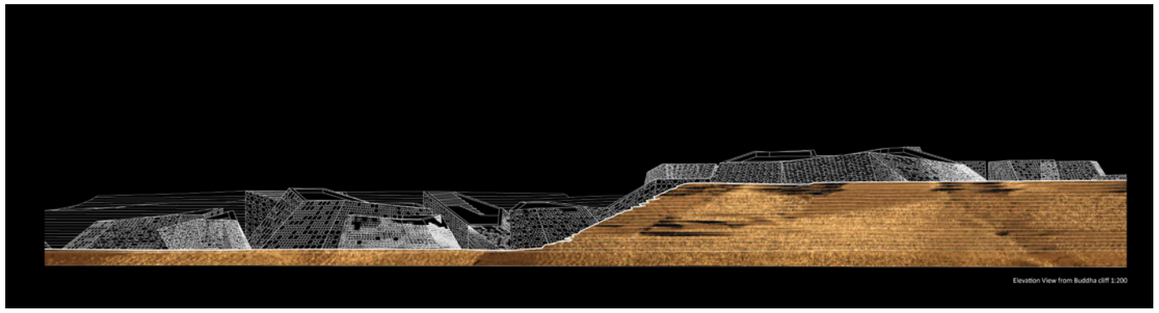


Sketch

Site



Visualization mountains



Buildings embedded in the existing landscape

TIMEFRAME 2018
TYPOLOGY CHURCH
SURFACE 250 SQM

ARCHITECT STERLING PRESSER
CLIENT: CITY OF PREIKESTOLEN
STATUS COMPETITION

Pulpit Rock Church

Preikestolen, Norway

DESIGN CONCEPT: GATEWAY TO THE HEAVENS - STEPS AND SYMBOLS

1 -THE INITIATION
Pulpit Rock is a place to be reached by walk. The Church project is a place to be reached with preparation. Like any life journey, it does imply initiation: knowledge, orientation and necessary adjustment. It does remind that the journey is as important as the final destination... an inner experience...

2-THE ROCK AND "THE ENERGETIC SPIRIT OF THE STONE CONCEPT"
Preikestolen is a steep cliff which rises 604 metres above the Lysefjorden. The old local name of the site is Hyvlatonnå (English: Planed Tooth). The cliff was formed during the ice age, approximately 10,000 years ago, when the edges of the glacier reached the cliff. The stone is compact, cracked, shaped by time, wind, sun and water cycles. The Pulpit rock is a natural wonder creating a vortex monument in the Norwegian landscape and its topography. The specific shape of the Pulpit plateau, the slenderness and elegance of the rock, the inner nature of the topography creates a natural vertical energetic axis joined together with the ascendant and descendent flow of the cliff. The cracked rock liberates naturally this flow and creates space for the deep inner connection to the site and the self.

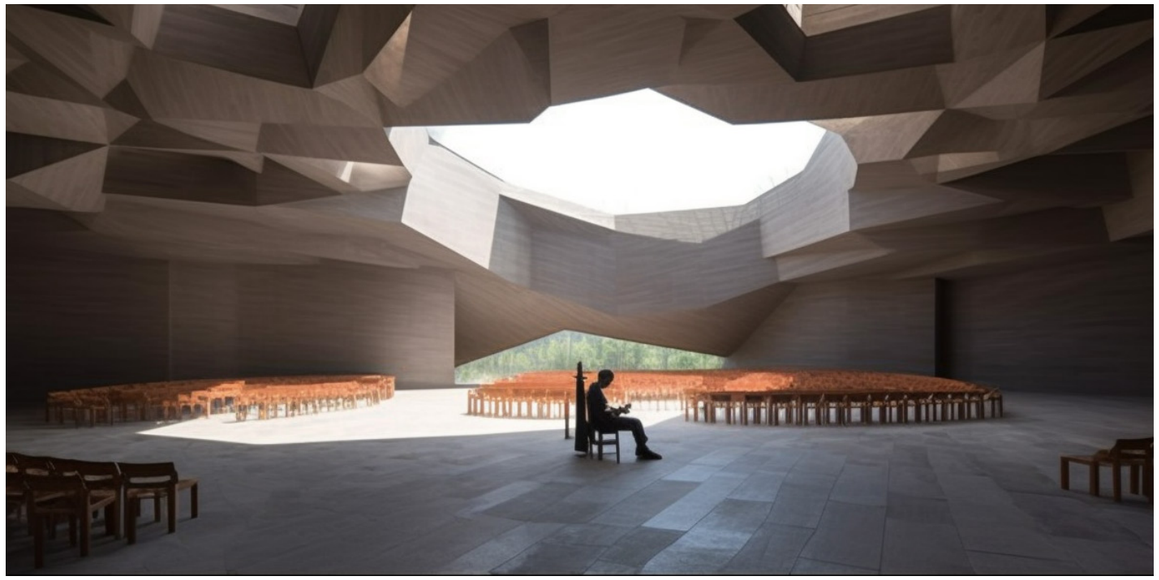
3-THE CROSS
The vertical part represents "I am connected to all other Beings". It does connect the physical body to the lower world to the higher divine energy. The horizontal parts are the arms and symbolises the mortal self which surrenders. The cross "marks the spot" at the centre where the inner self is waiting to be revealed, and provides direction and orientation. On top of the Pulpit Rock it does anchor the universal connection.

4-THE AUTEL
Above the site of the Rock, a second plateau offers an overview of the Fjord and the project. A horizontal "autel" marks a step back position, symbolising sacrifices and divinity. The table implies the place for the sacrifice.

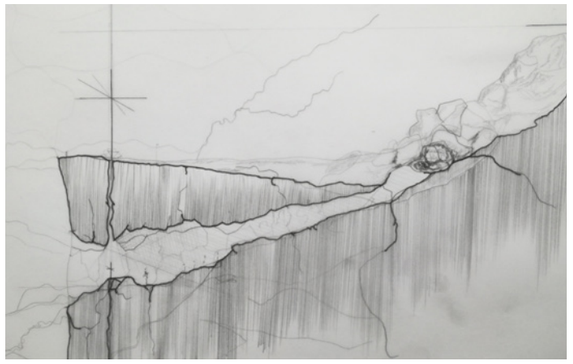
5-THE LAST STEPS – THE GROTTO - WALK TO THE CENTER
The descendant and ascendant line of the mountain define the geometry of the Grotto through the Pulpit Rock. It is a place to reach step by step created through the original cracked of the cliff.

6-THE CENTRE
The project opens up an inner journey symbolised by the grotto. The entrance opens and leads downwards to the final steps. The visitor is welcomed to sit at the centre.

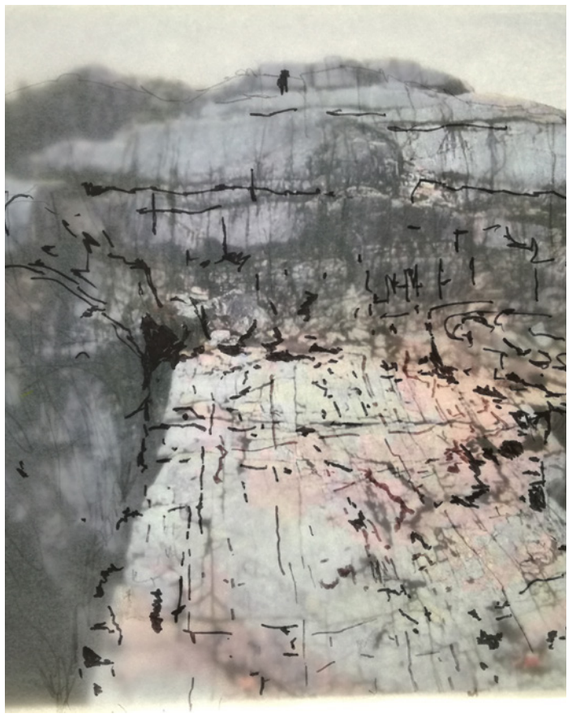
7- THE GATEWAY TO HEAVENS
The crack of light in the grotto operates as a door or symbolic gateway. It marks the passage and the entrance to the sacred space and dimension. It is a window of abundant light, contrasting with the grotto inner space.

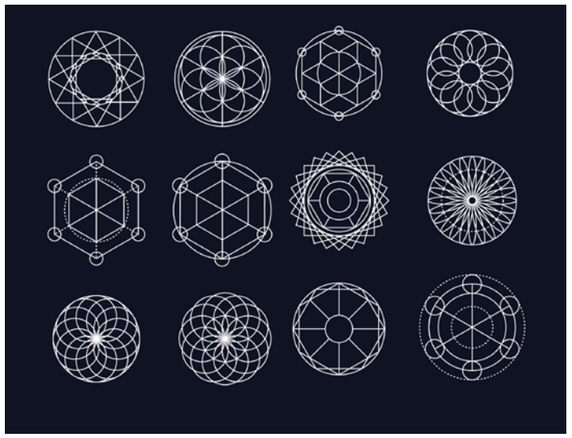


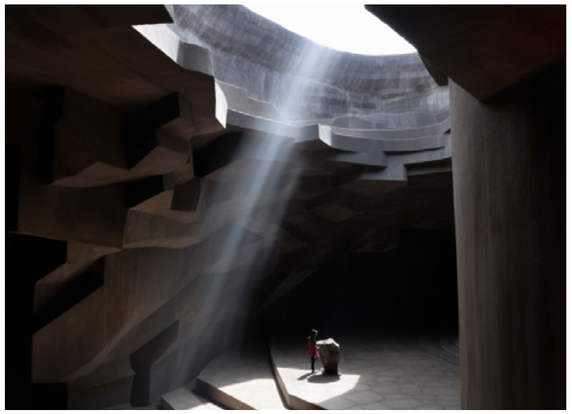
Visualization



Hand Sketch







Visualizations Church interior

TIMEFRAME 2024
TYPOLOGY RESIDENTIAL
BUDGET NA
SURFACE 4000 SQM

ARCHITECT STERLING PRESSER
CLIENT PRIVATE
STATUS CONCEPT DESIGN

Concept study
Saudi Arabia

Stone Whisper –
An AI-Designed Desert Mansion Carved into Nature Where architecture disappears into the land.

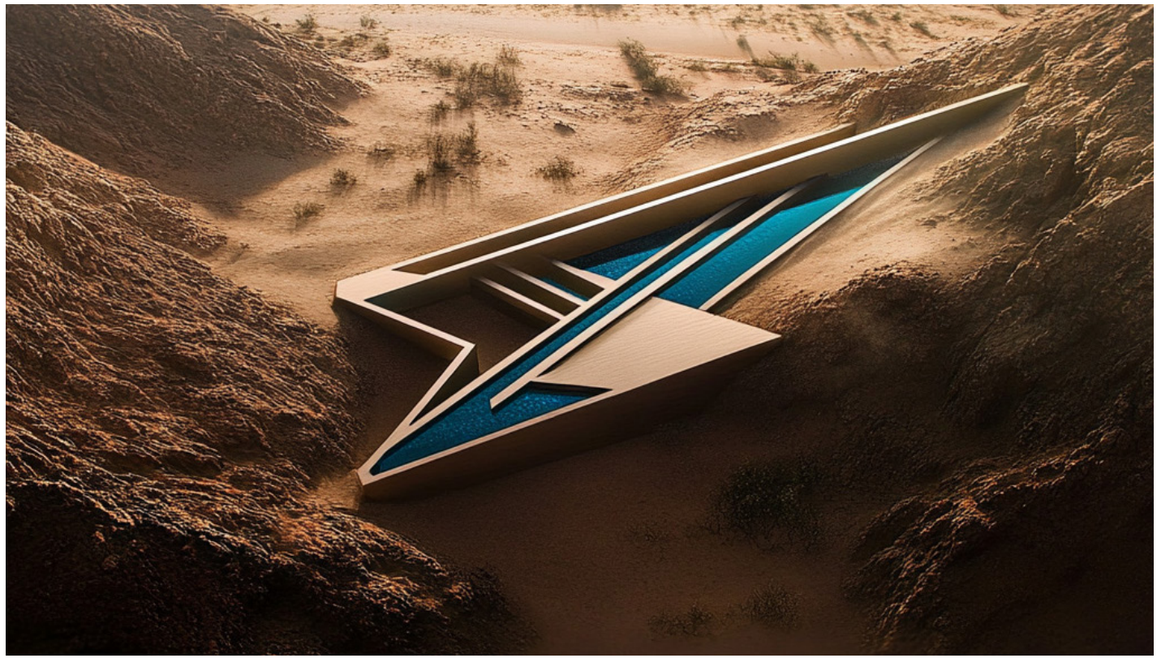
Hidden within the ancient rock formations of the Saudi desert, Stone Whisper is a visionary private mansion that emerges from — and disappears into — the earth itself. Designed by AI, shaped by wind and stone, and guided by the principles of sacred geometry, this residence redefines desert luxury through complete harmony with its surroundings.

The structure is not built on the land, but within it. Hewn into sandstone cliffs and natural rock faces, the mansion becomes part of the terrain — echoing the timeless beauty of the desert while using cutting-edge generative design to optimize light, airflow, and thermal comfort.

Inside, the experience is equally seamless: AI systems respond intuitively to the resident's needs — adjusting temperature, lighting, and mood with subtle precision. Light filters through rock-carved apertures. Water flows through natural channels, cooling spaces silently. Every room opens to the vast, silent horizon — creating a sense of stillness and space that no city can offer.

Stone Whisper is more than a home, it's a dialogue between human life, nature, and machine intelligence.
Rooted in place, yet shaped by the future.

A sanctuary born from stone. Designed by data. Alive with desert spirit.



Hotel room

Hotel lobby

Material stone references

Hotel lobby

Interior view room

Visualization exterior view

TIMEFRAME 2019
TYPOLOGY HOTEL
BUDGET NA
SURFACE 25.000 SQM

ARCHITECT STERLING PRESSER
CLIENT PRIVATE
STATUS CONCEPT DESIGN

Concept study
Saudi Arabia

An immersive, intelligent retreat along Saudi Arabia's Red Sea coast.

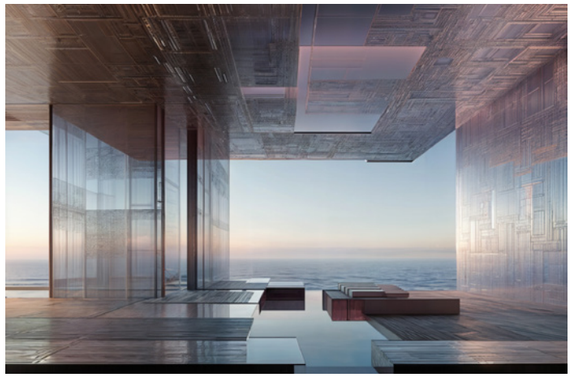
NEURA HORIZON is a next-generation, AI-designed hotel that blends futuristic living with the beauty of nature. Nestled along the pristine shoreline, its architecture adapts organically to the environment — shaped by wind, sun, and sea, and optimized through AI simulations for sustainability, comfort, and visual harmony.

Every guest experience is personalized through advanced AI: smart suites respond to your mood and routine, immersive environments shift with your energy, and virtual concierge hosts guide your stay with seamless precision. Rooms transform from tranquil retreats to interactive lounges, while digital walls bring the surrounding seascape or curated art into your space.

Fully off-grid and powered by solar, wind, and wave energy, NEURA HORIZON is a self-sustaining, regenerative destination. It merges Saudi cultural essence with future technologies, offering wellness, creativity, and connection in one intelligent, breathtaking location.

A bold step toward the future of hospitality — where innovation meets the infinite horizon.

Exterior view



Spa area

Media room

Exterior view

STERLING PRESSER ARCHITECTS + ENGINEERS

ARCHITECTURES + STRUCTURES