



OUTSIDE VIEW

PROJEKT . PROJECT Die Türme sind das Wahrzeichen von Kuwait. Ihr derzeitiger Wasserspeicher ist jedoch außer Betrieb. T.E.C. suchte nach neuen Nutzungsmöglichkeiten, die neue Besucher anzieht und die Türme wieder zur Attraktion macht. Zu diesem Zweck wurde ein »Edutainment« Zentrum entworfen. Die Kombination aus Bildung und Unterhaltung soll das Zentrum zur Attraktion machen. Ein interaktives Konzept soll es den Besuchern ermöglichen, durch 3-4D Technik aktiv am Programm teilzunehmen. Das Design des Kreises und der Kugel wird formal und funktional zur Gesamtkomposition weiterentwickelt. The Towers are the landmark of Kuwait. Their functioning water storage is out of order. The T.E.C. was looking for new uses that will bring visitors and make it more attractive. The modern »Edutainment« centre was designed. The combination of education and entertainment will make the centre an attraction. An interactive concept will actively engage visitors in the audiovisual 3-4D technology. The circle and sphere design have been developed to give form and function to the overall composition.

JURYPBEGRÜNDUNG . STATEMENT OF THE JURY Die Vorstellung eines modernen Besucherzentrums in den ikonischen Türmen fasziniert und wurde mit dem futuristisch anmutenden Entwurf fantastisch umgesetzt. The idea of locating a modern visitor centre in the iconic towers is intriguing and has been realised superbly via a futuristic design.

Kuwait Towers – Conversion

Turm . Tower

Design

cerno+architekten, Peter Cerno, Martin Cerno, Gianfranco Maio, Munich, Germany, www.cerno-architekten.jimdo.com
Astra Alex Group, Cooperation, Mohamed Salah Soliman, Vienna / Kuwait City, Austria, www.astraalex.com

Auftraggeber . Client

T.E.C. Touristic Enterprises Company, Kuwait City, Kuwait, www.kuwaittourism.com



GERMAN DESIGN AWARD SPECIAL 2019
Kuwait Towers - Conversion







ASTRA ALEX GROUP

DESIGN , SUPERVISION , INTERIORS
ENGINEERING CONSULATION & PROJECT MANAGEMENT

ASTRA ALEX GROUP, are Consortium between Construction company and architectures office.

ASTRA ALEX GROUP (The Mother Company) One of the leading consulting firms in Austria, Germany. Established in 1996 and active international since 1997. Established in Kuwait since 2005 to bring its clients a full scope services of engineering, planning, structural, mechanical, electrical engineering, medical equipments planning, feasibility study, Room data sheets, interior design, furnished, partnership agreements for financing and turnkey implementation, corporate management, project and construction management, B.O.T. project, Physicians centers, Hotels university hospitals, supported living, Senior nursing homes , New build, expansion, rehabilitation and restructuring (while maintain daily operation).

ASTRA has acquire excellence and expertise in management techniques to the planning, design and construction of a project from inception to completion for the purpose of controlling time, cost and quality.

Planned and realized over 300 German and international Project Over the past ten years, **ASTRA** has provided comprehensive professional services for many prestigious project

ASTRA the project owner access to wide range of skills and strengths including specialist expertise in providing the full range of overall financing, construction, Hospital, Hotels and general trading services



GERMAN DESIGN AWARD SPECIAL 2019
Kuwait Towers - Conversion
Awarded to: [Name]
Project: [Name]
Date: [Date]



FACADE DESIGN WITH THE CCI MODULAR CONSTRUCTION SYSTEM

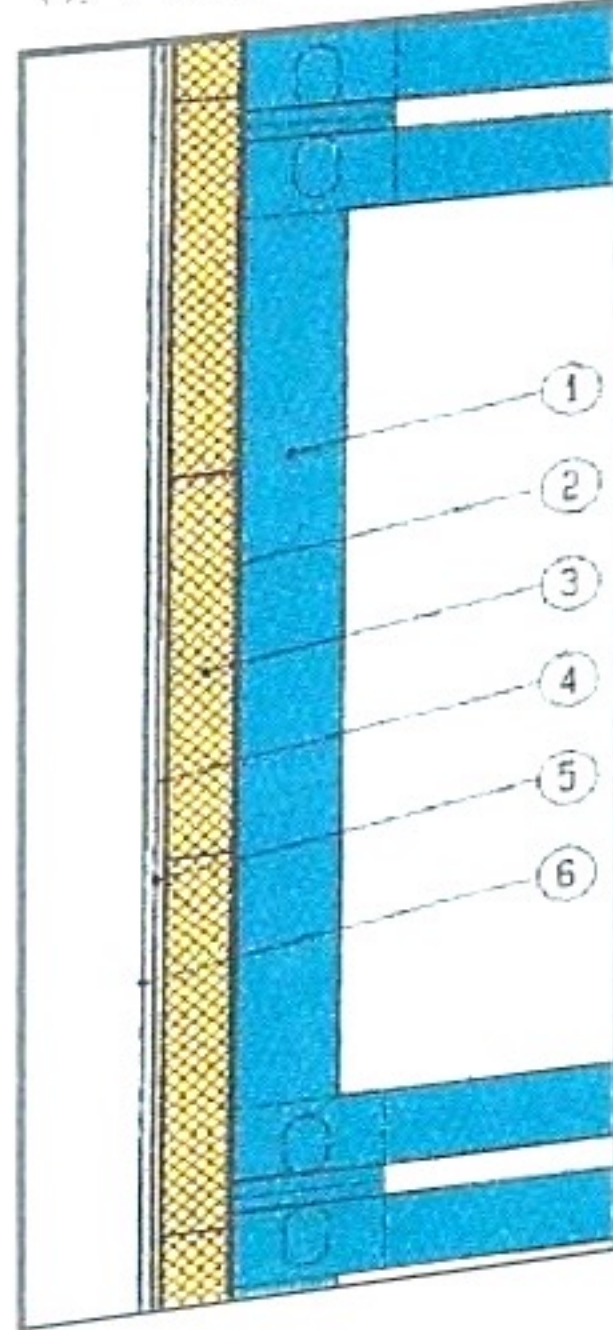
In recent years constructional technology and the desire for an individualised appearance have subjected building work and architects in particular to ever increasing demands for quality.

Demands such as protection against heat and cold, against damp, noise and fire, or a long life expectancy and a harmonisation with the landscape, and by no means least the desire for individuality, have led to the development of a wide variety of different facade claddings.

THE CCI MODULAR CONSTRUCTION SYSTEM WITH FULL HEAT INSULATION



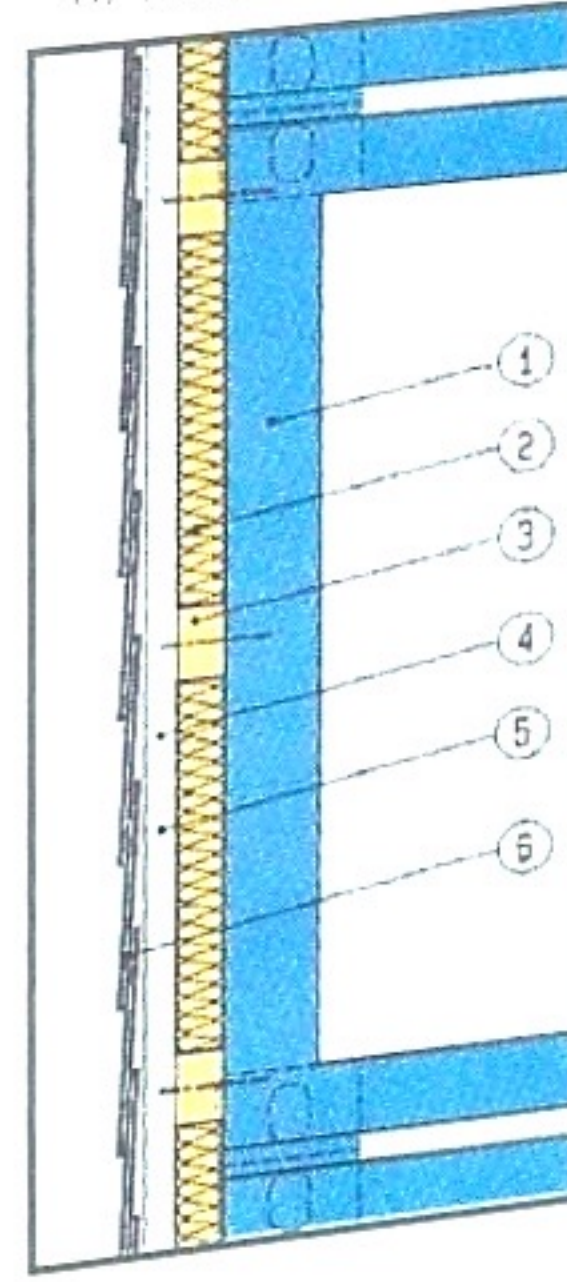
1. Module wall
2. Adhesive for insulating panels
3. Insulating panels
4. Cement mortar
5. Lattice
6. Undercoat plaster



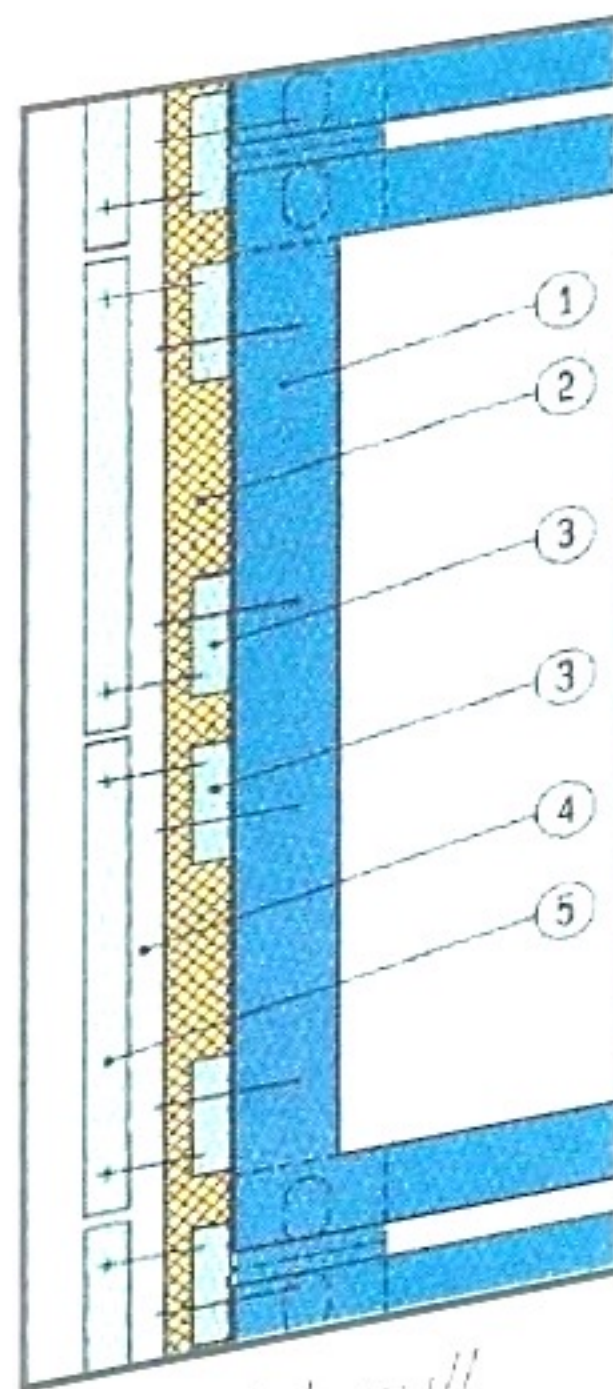
THE CCI MODULAR CONSTRUCTION SYSTEM WITH LIGHTWEIGHT SMALL PANEL FACADE



1. Module wall
2. Heat insulation
3. Counter-lathing
4. Ventilated space
5. Lathing
6. Facade cladding

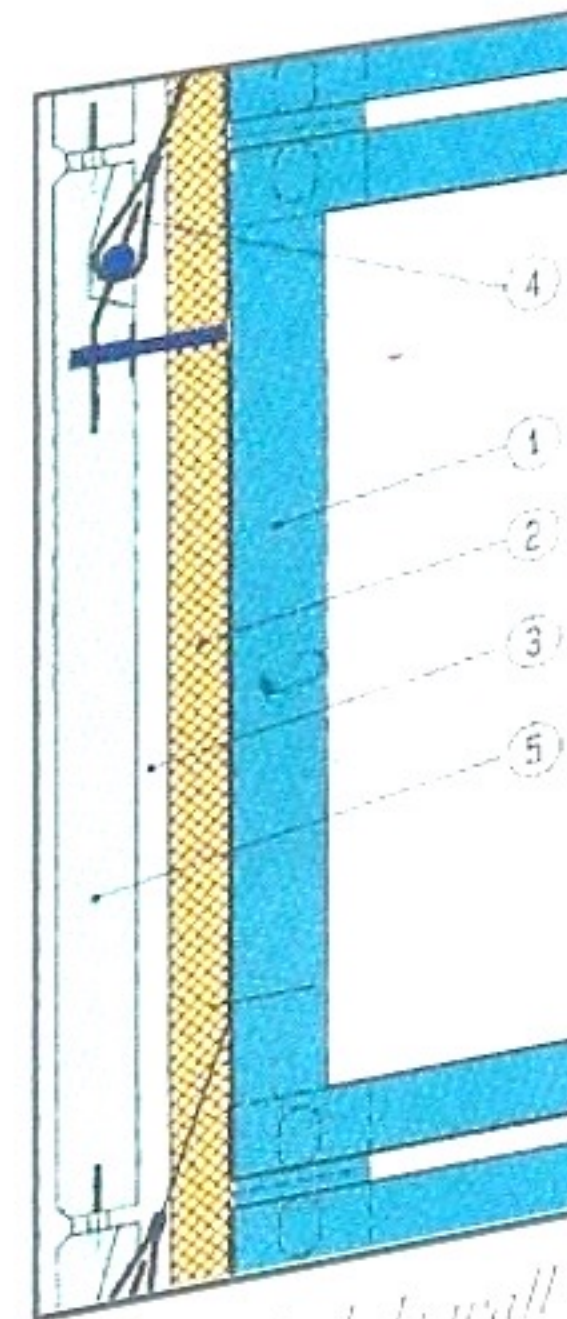


THE CCI MODULAR CONSTRUCTION SYSTEM WITH GLASS FACADE



1. Module wall
2. Heat insulation
3. Mounting anchor
4. Ventilated space
5. Glass facade cladding

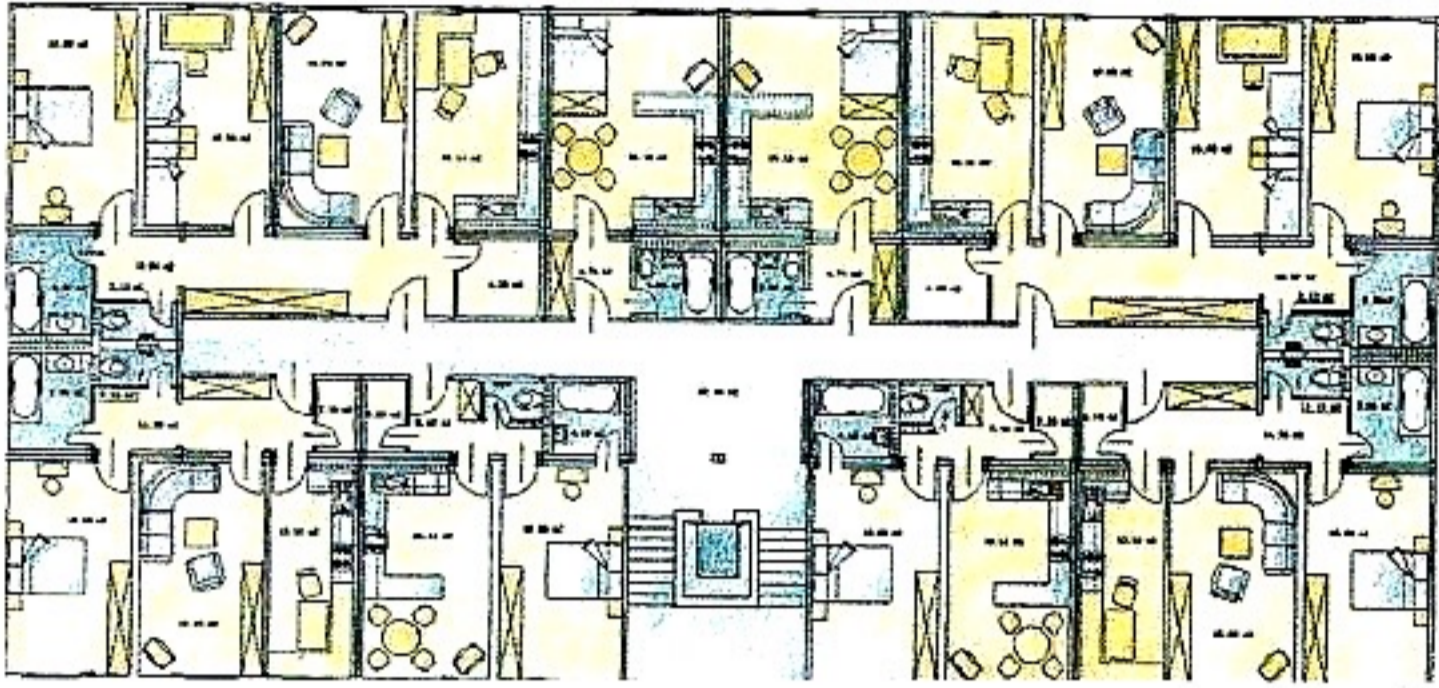
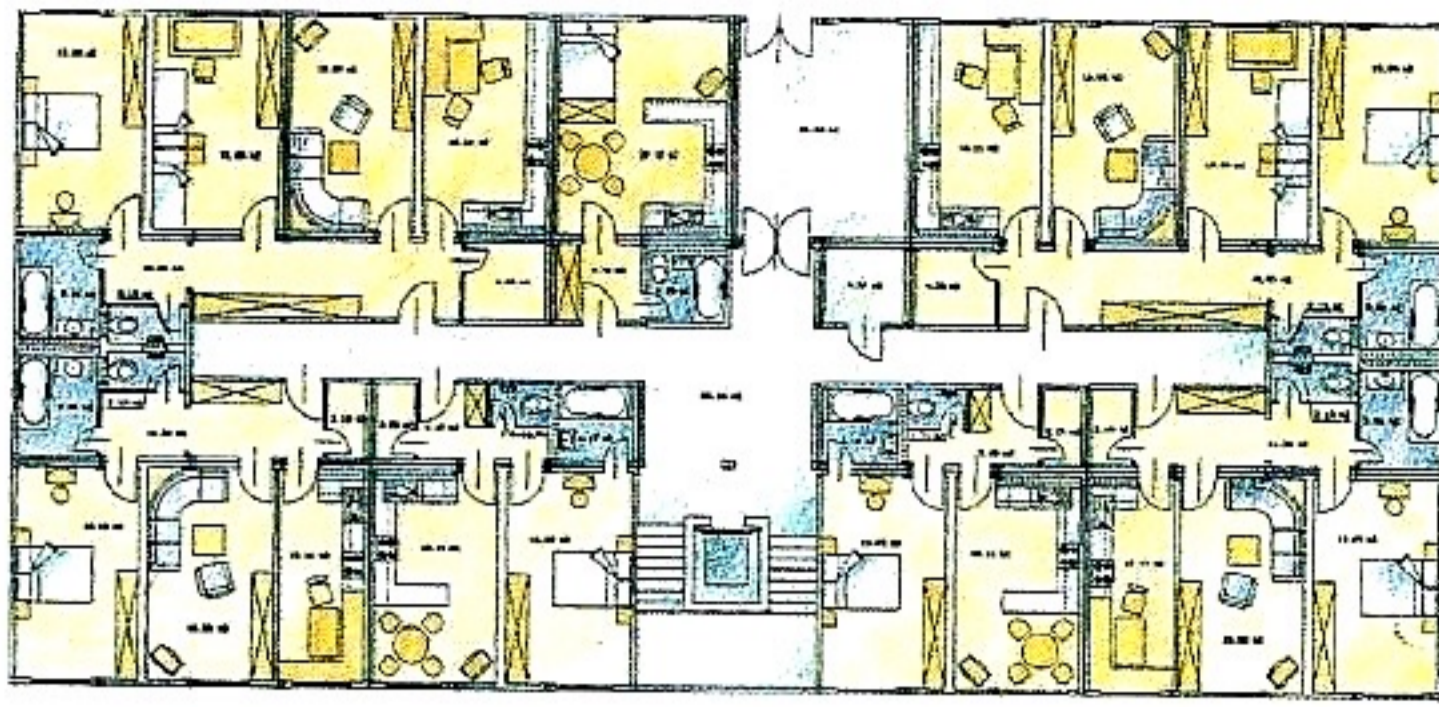
THE CCI MODULAR CONSTRUCTION SYSTEM WITH HEAVY PANEL FACADE



1. Module wall
2. Heat insulation
3. Ventilated space
4. Mounting anchor
5. Facade cladding

EVERY FACADE DESIGN IS POSSIBLE

Whether in mineral rendering - or mechanically mounted - curtain wall -, the CCI module panels can be mounted using the simplest and quickest method. This permits anchoring the facade using dowels mounted in the concrete. The only thing needed is to hang the facade elements in the CCI modular method; we are also the



APARTMENT BLOCK

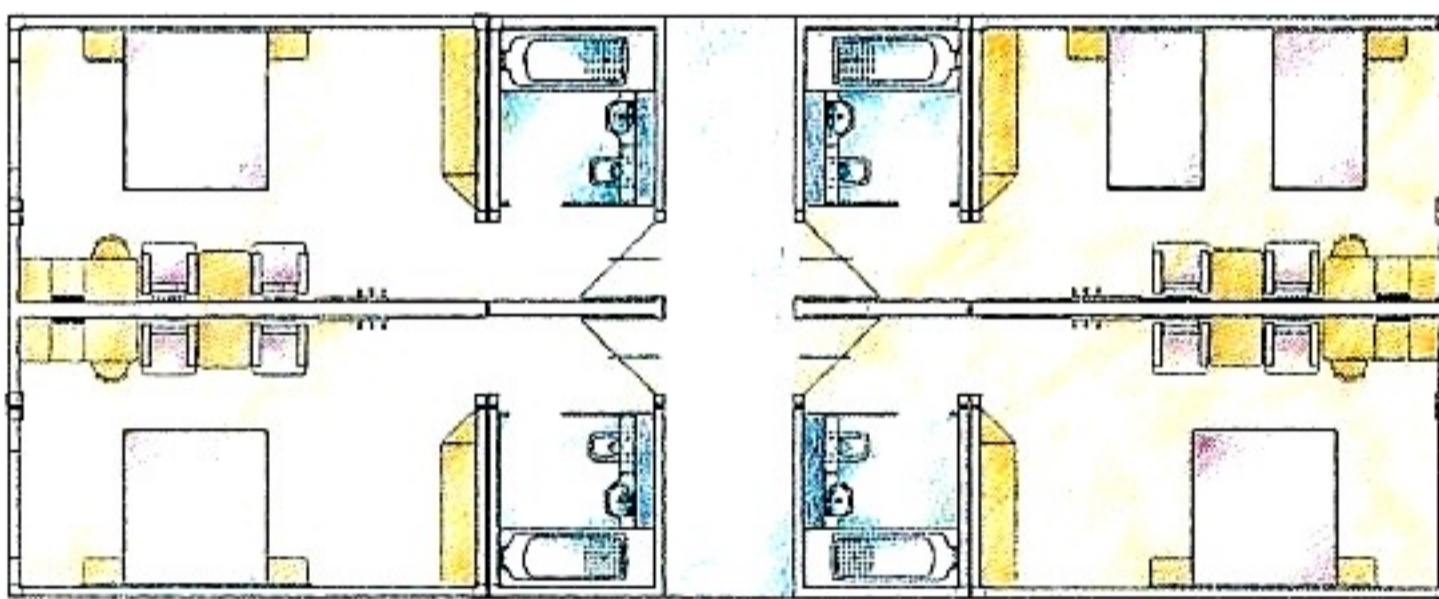
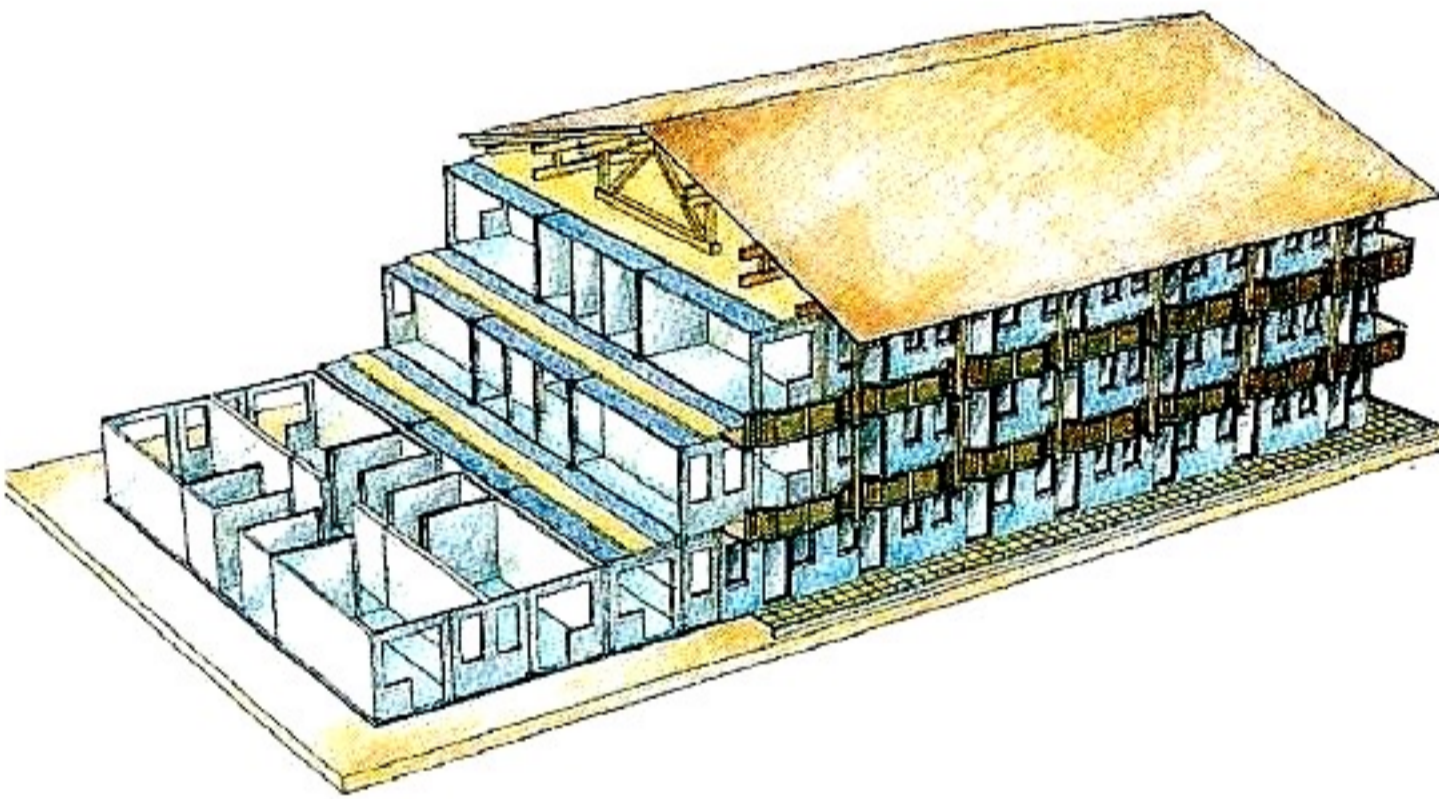
558 modules

30 days carcass construction

10 workers

Turn-key delivery after 7 months

APARTMENTHAUS "RESIDENZ" WARMBAD VILLACH, AUSTRIA



HOTEL

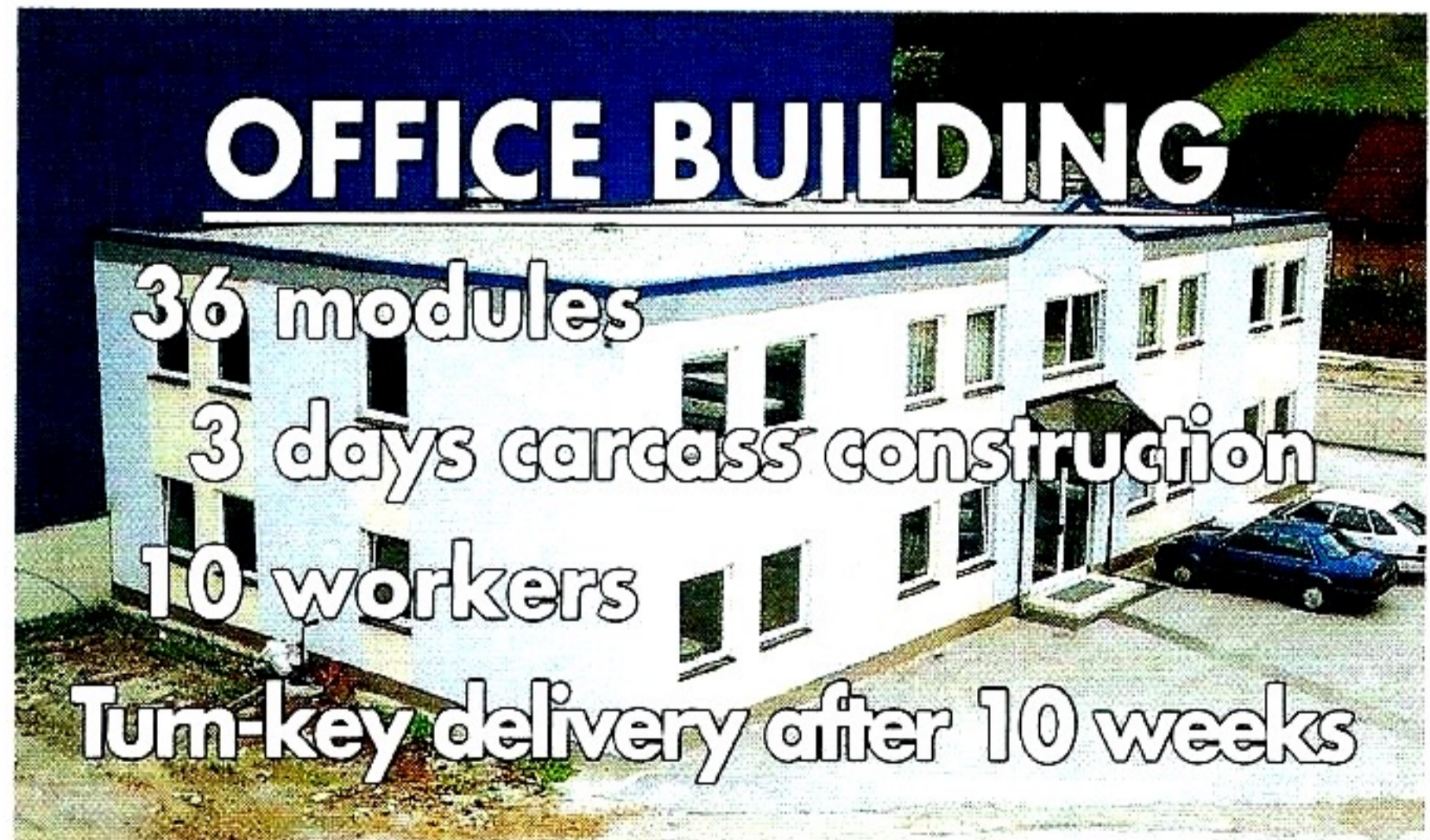
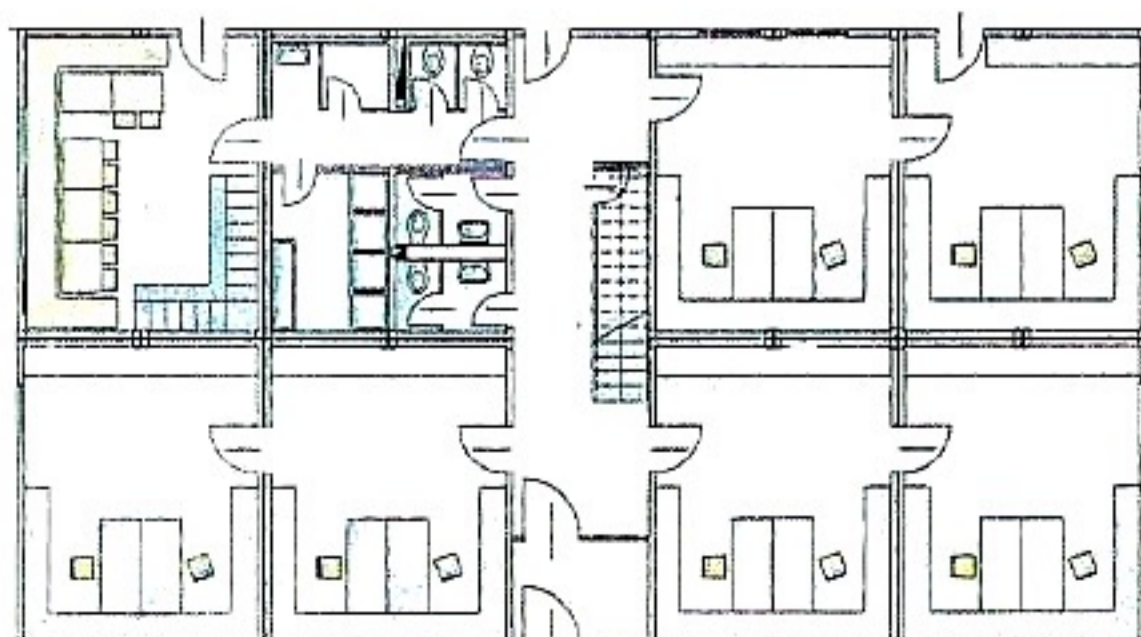
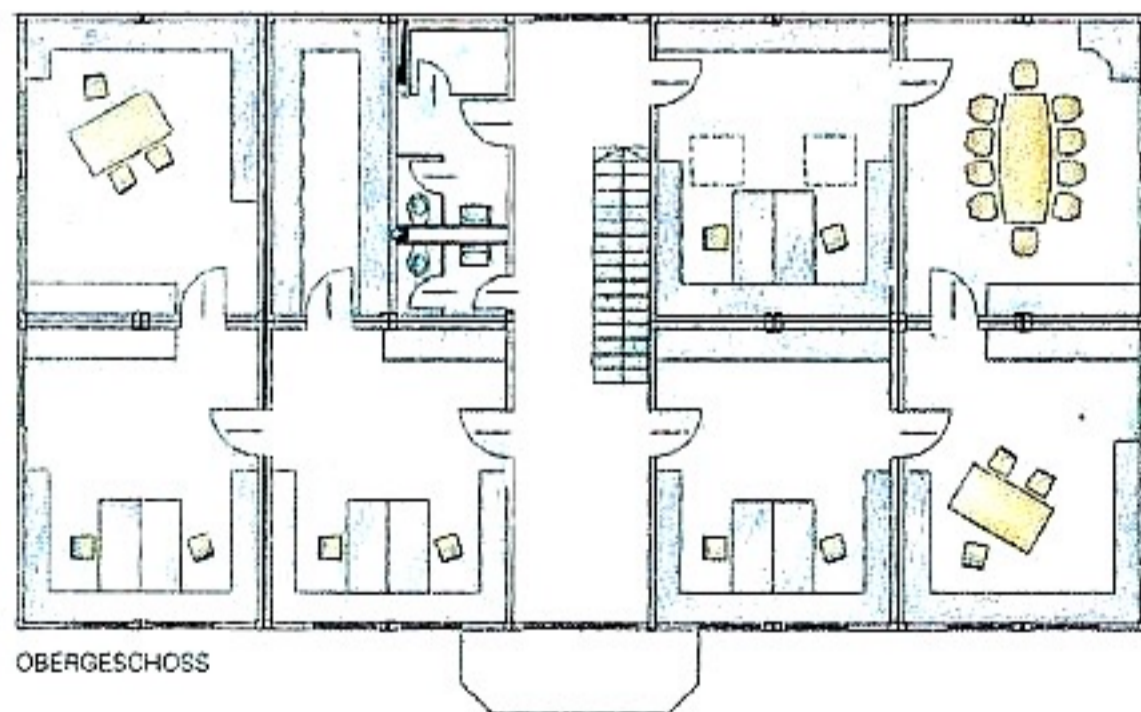
384 modules

20 days carcass construction

10 workers

Turn-key delivery after 7 months

PARADISE FONTANA HOTEL FIEBERBRUNN, AUSTRIA



OFFICE BUILDING

36 modules

3 days carcass construction

10 workers

Turn-key delivery after 10 weeks

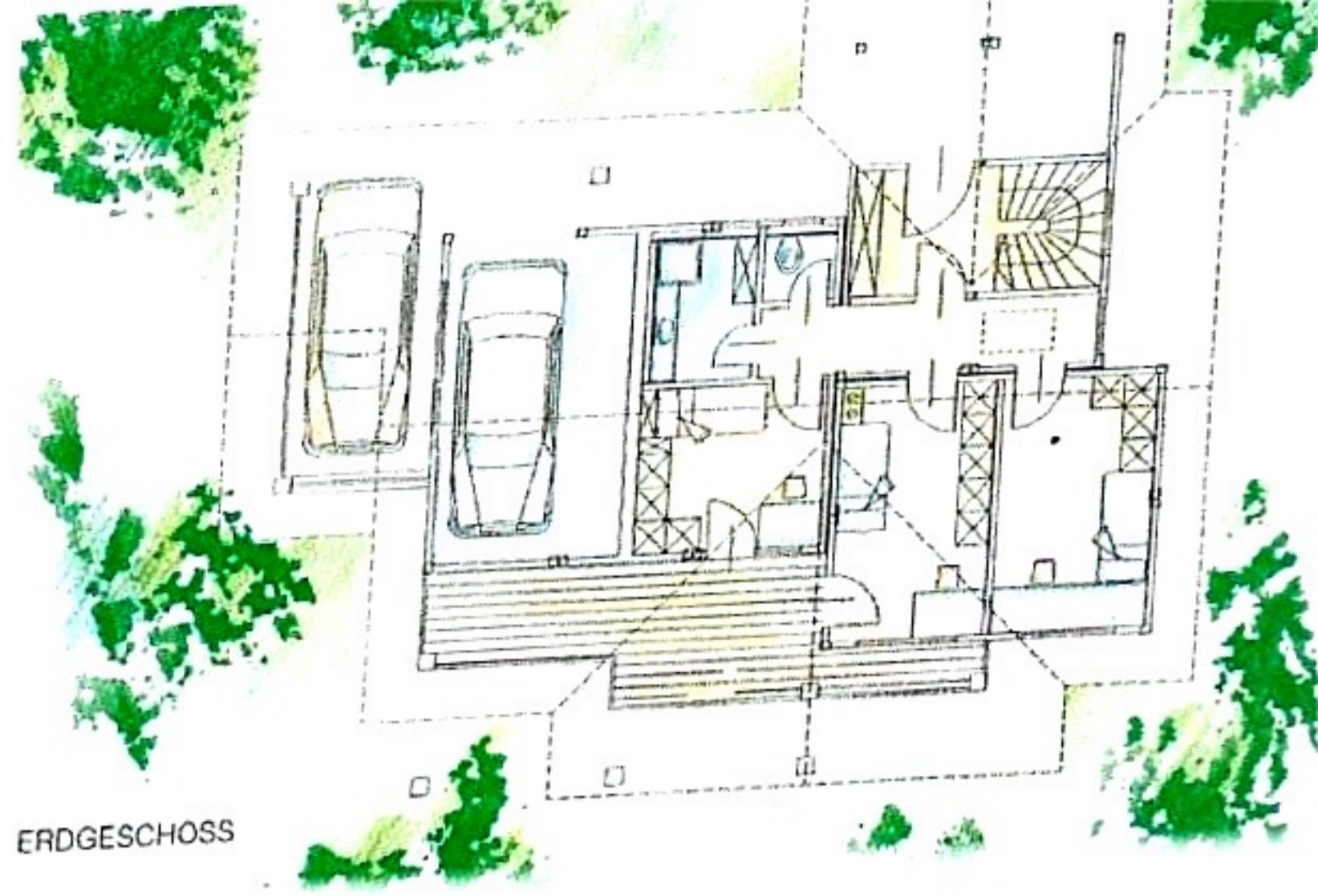
BÜROGEBÄUDE EISENERZ, AUSTRIA



HOUSE IN VELLACH - AUSTRIA

THE CCI MODULAR CONSTRUCTION SYSTEM can be used even on the steepest slope and under the most extreme conditions. And even here, the construction work took **ONLY 7 WEEKS**, from starting the foundations work to turn-key delivery to the customer.

The rooms on the basement floor are arranged in such a way that a central tiled stove is able to supply the main living areas with heat. The ground floor comprises three children's rooms, bathroom, WC and garage.

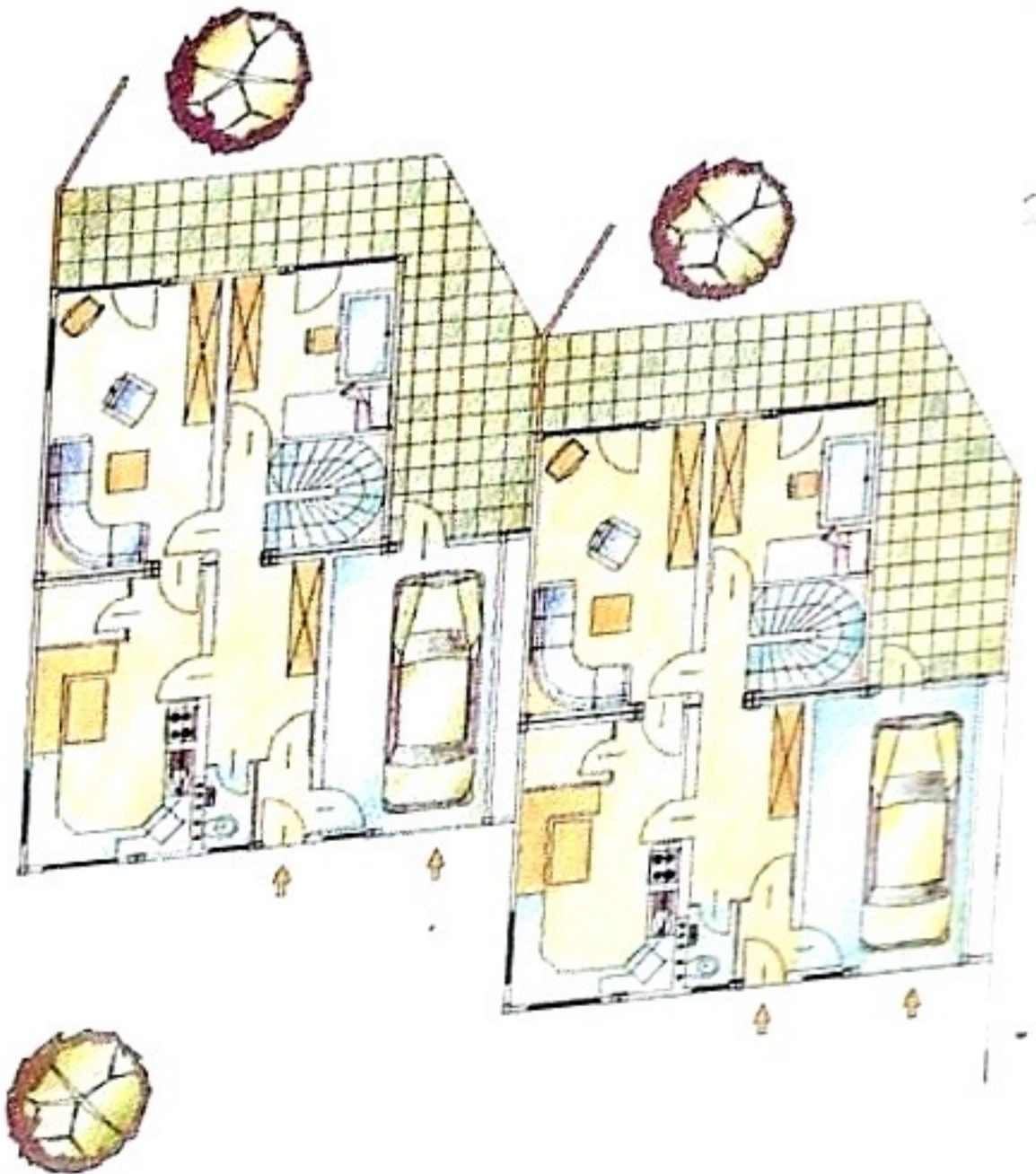


ERDGESCHOSS



UNTERGESCHOSS

DESIGN POSSIBILITIES FOR TERRACED HOUSES



LIST OF REFERENCES

PRODUCTION-PLANTS

- CCI Modulbau GmbH, Eisenerz, Austria
- CCI Polska, Zielona Góra, Polen
- Production-plant Tadschikistan, Rußland

HOTEL-PROJECTS

- Appartement- and senior-residentialhome in Villach, Austria
- Hotelprojekt Fontana in Fieberbrunn, Austria
- Businesshotel Pasewalkerstraße 97 in Berlin, Germany

OFFICE-SOCIAL- and HOUSE-BUILDING

- Office-building Eisenerz, Austria
- Office-building Hornstein, Austria
- Office-building RMVG in Eisenerz, Austria
- Office-building Glassbuild Gruber, St. Peter/Freienstein, Austria
- Office-building GAW-Kapfenberg/Industriepark, Austria
- Office-building Ringl Karl Heinz GmbH, Trieben, Austria
- Office-building MVA-Tesch in Neuberg/Mürz, Austria
- Office-building MEWO in Kapfenberg, Austria
- Office-building GAW Grazer armature plant in Graz, Austria
- Office-building Grazer plastic & sieve-pressure in Gratkorn, Austria
- Dwelling-house in Villach, Austria
- Dwelling-house in Kirchheim, Austria
- Appartement and dwelling-house Stangl, Austria
- 2-family-dwelling-house Hafellner in Niklasdorf, Austria
- Northern training centre - cross country trail station Eisenerzer Ramsau
- Two 5-family-dwelling house SGI Immobilien, Leoben, Austria
- 5-family-dwelling house SGI Immobilien, Leoben, Austria
- Ribbon-buildings Münzenberg in Leoben, Austria, Austria

GARAGES AND FUNCTIONAL BUILDINGS

- Garages RMVG, Eisenerz, Austria
- Garages Roßböck in Au bei Turnau, Austria
- Garages Kargl, Kapfenberg, Austria
- Garagen Nikolaidis, Graz, Austria
- Garages Temmel Karl, Graz, Austria
- Garages Burlon Robert, Grambach, Austria
- Garages Gradauer Reinhard, Leoben, Austria
- Garagen Gemeinde Niklasdorf, Austria
- Garagen AWZ Aus-u. Weiterbildungszentrum, Leoben, Austria
- Garages Mayer, Trofaiach, Austria
- Transformation-station VA-Erzberg, Eisenerz, Austria
- Build-up VA-Erzberg, Eisenerz, Austria

STEELBUILDING

Productionhall, Glassbuild Gruber, St. Peter/Freienstein, Austria
 Storehall, RSVG ReststoffverhaldungsGmbH Erzberg, Eisenerz, Austria
 Truckhall, Radlingmaier transports, Eisenerz, Austria



04.01.2020

Authorization

We, the undersigned ASTRA ALEX GROUP, Vienna – Austria,
Registration Number 10.179/ G / 13 / 14 - Municipality Number

13/ 14 – G – G - 13- 57/ 96 – Vienna,-----

Authorize : Eng. Mahmoud Mostafa Mahmoud El Sayad, Egyptian
nationality to be our Legal Representative of Marketing for the company
Projects .With this Authorization, he has the right to work on our behave and
enter the negotiations and to cooperate with Government or the
governmental Authorities , and also with any other companies .

All the agreement regarding the projects have to be approved and signed by
Astra Alex Group in Austria.

This Authorization is valid for 5 years from the date above .

Astra Alex Group

Dr.Eng.Arch.

Mohamed S.Soliman

Chairman



Wettengelgasse 1-13/61
1230 Vienna-Austria
Tel.+Fax: 0043 1 888 50 84

- the Engineering company to propose the latest technology on the best price and
- the construction company to build in accordance to the needs only

Our proposed way forward and to take care of Investors/Owners interests

I recommend to split and execute the project in minimum 4 steps

- Brainstorming
- Preliminary Study
- Engineering
- Executing

The first step "Brainstorming" (find out and fix the needs of the Investor/Owner) with the content:

- Investors/Owners specific request
- Refinery configuration
- Problem description and constraints
- Market/Business background
- Desired Situation
- Outline Project Scope
- Capital investment first estimation
- Milestones considered

This first step "brainstorming", I like to offer you on a non-binding budgetary base for:

US Dollar 4 Million (four million US Dollar)

If you need any further information don't hesitate to contact us and I kindly ask for an E-mail address to reduce the time for feedback

My best wishes & regards

Dr.Eng.Arch.

Mohamed S.Soliman



Astra Alex Group – Austria – Germany

Please, Note the Attach: PIN

Vienna; 10.2.2021

To: Safari Petroleum Over Continst

Att.: Dr.Marsh A. Almagidi

Re: Safary Petroleum Egypt

Dear Mr. Almagidi

Based on Benchmarks (450.000 bbl) I could quote you a general complete project for: 6 to 12 billion US Dollar

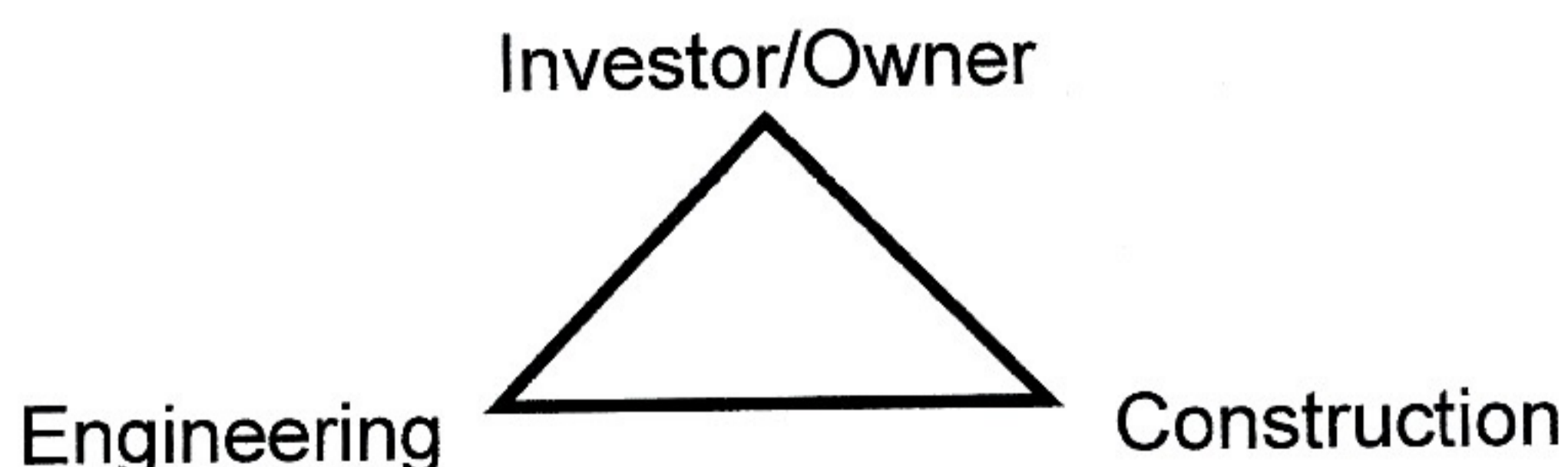
A wide range, I know - but with the only information on:

- Throughput 450.000bbl/d,
- Process all crude types,
- Final products from fuel (petrol, diesel, kerosene), lubricants to petrochemical products
- Land available (3 million m2)
- and no information on infrastructure (e.g.: electricity grid, crude oil delivery and a lot more)

I am sorry to write this, but a more serious quotation can't be done.

Furthermore I would not recommend to do a project without clear, accompanying and meticulous ownership/investor control staff.

For an excellent project execution, the relationship/triangle must be balanced:



Investors/owners obligation is to challenge:

