

Erasmus



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Something about project

- Construction of an extension to the Porsche servis due to increasing need for Porsche car repairs in Eastern Europe

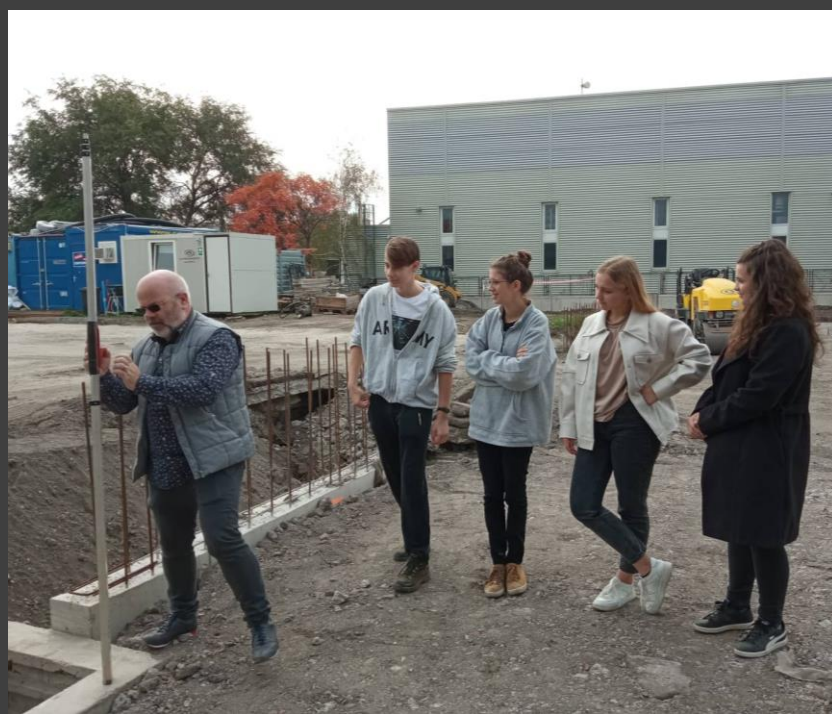
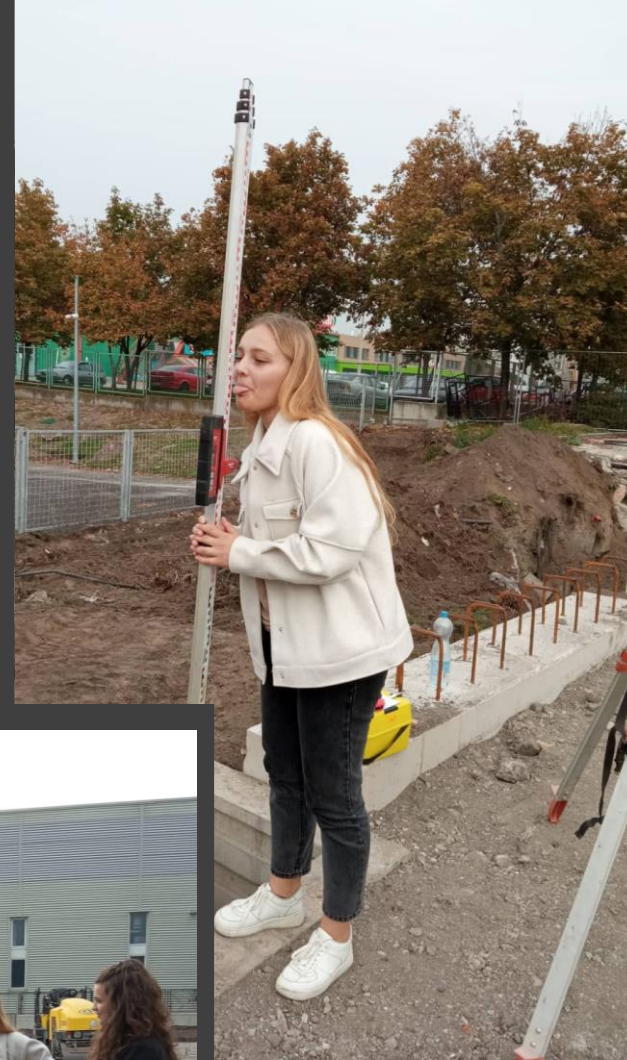






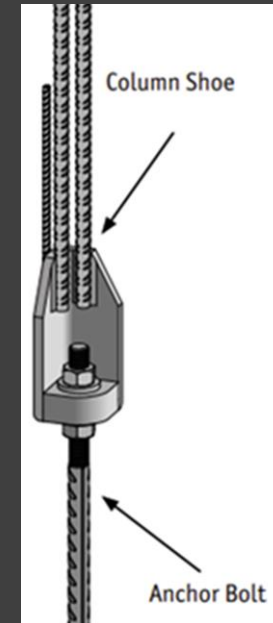
Working with project
documentation

Working with leveling devices



Construction of prefabricated column shoe

- Column Shoes are connecting items which provide fast and safe connections between precast concrete columns and foundations, or between precast concrete columns.
- <https://www.youtube.com/watch?v=YbOFS8huEek&t=3s>





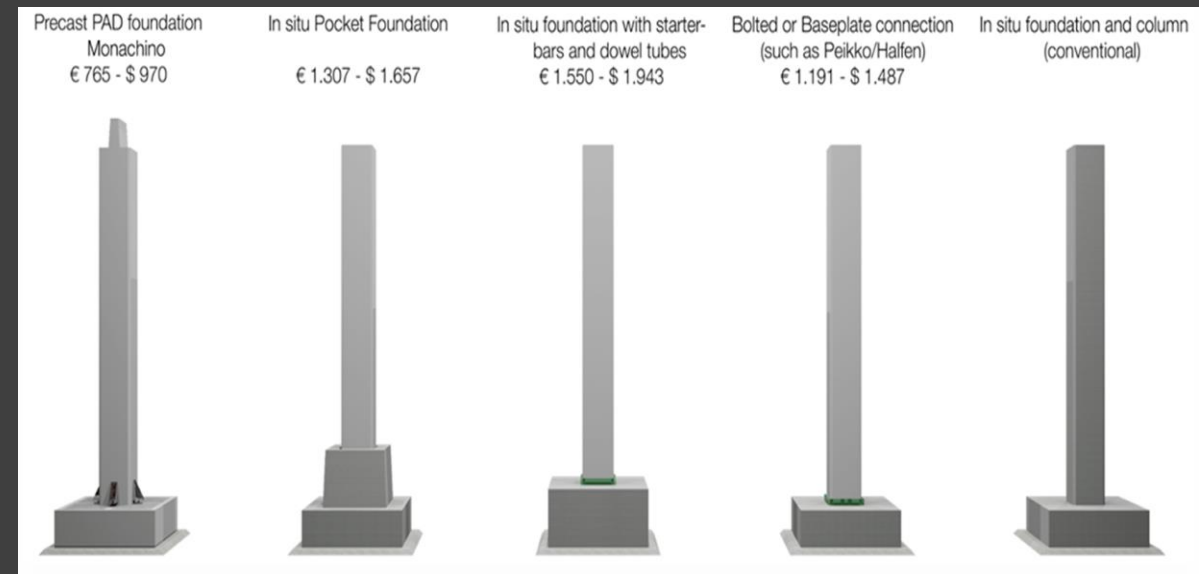
PEIKKO system

Installing columns with screws
on first building (on the
Lamborghini shop)



System benefits

- The stiffness of Peikko's column connection is verified at least as rigid as continuously reinforced cast-in-situ column connection by experimental concrete units tests
- Fast and easy erection of the column with good adjustment possibilities
- No need for temporary bracing during erection stage





Column installation procedure

- 1. Unloading the pillars from the truck
- 2. Positioning the pillars vertically by a crane
- 3. Placing the pillars in the footing using a crane
- 4. Stabilizing and leveling pillars using a spirit level
- 5. Concreting of columns to footings
- 6. Placing beams on columns

Unloading the pillars from the truck





Positioning the pillars
vertically by a crane





Stabilizing
and leveling
pillars



Concreting of
columns to
footings



Placing beams on
columns



Trying construction machines

A group of approximately 20 people, including students and an adult, are posed on a grand, ornate staircase with red carpeting. The setting is a classical building with high ceilings, large windows, and decorative wall sconces. The group is arranged in several rows, with some individuals sitting on the steps. The overall atmosphere is formal and organized.

FREETIME ACTIVITY

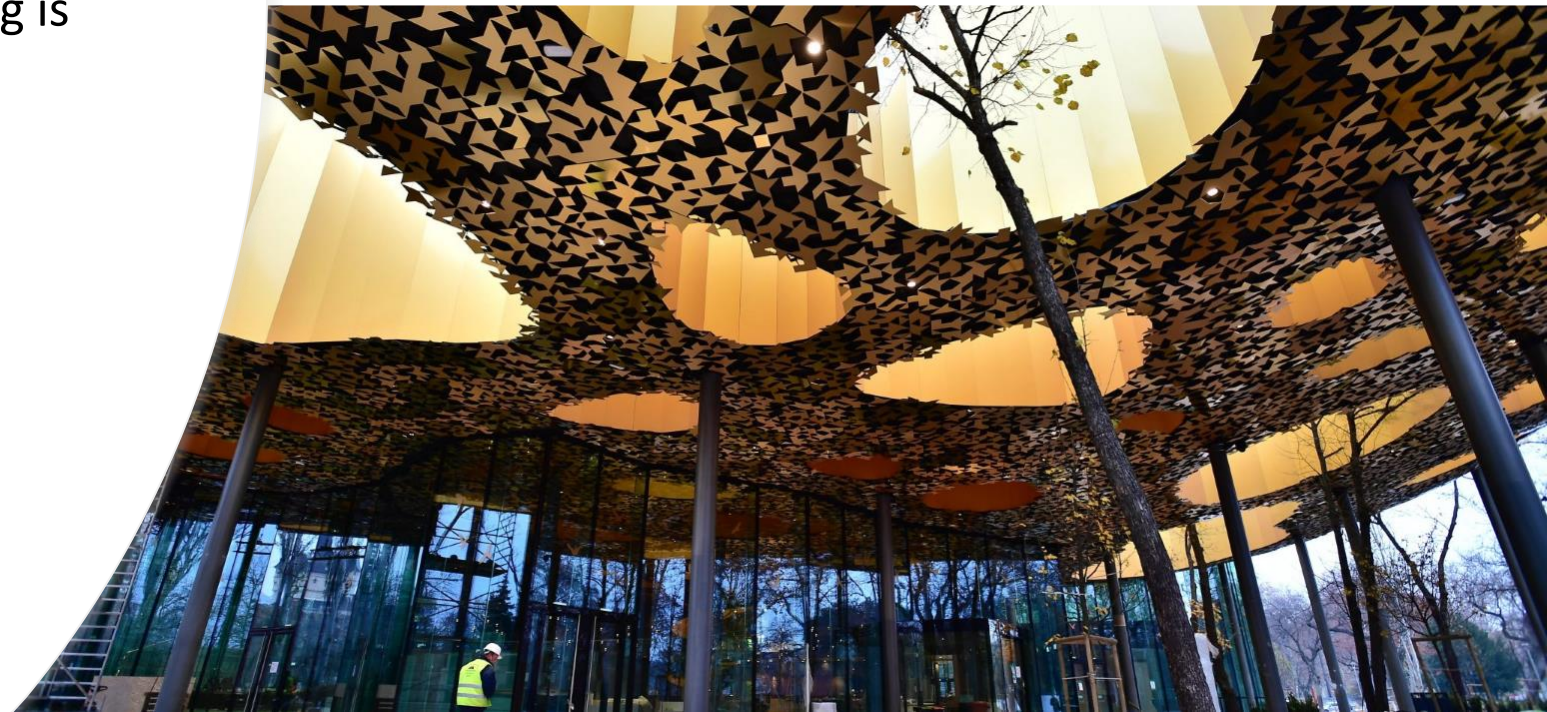
Museum of Ethnography

- The building is designed by Marcel Ferencz. Located in the city park on the site of the former Felvonulás Square. The magnificent building have a design evoking a pair of almost embracing slopes. The Ethnographic Museum was selected as the world's best public architecture in 2018.



House of music

- House of music, a unique and comprehensive institution of musical initiation was opened in Budapest's City Park in January 2022. The iconic building is designed by Japanese architect Sou Fujimoto. The final result did not disappoint: a truly contemporary architectural masterpiece was created.



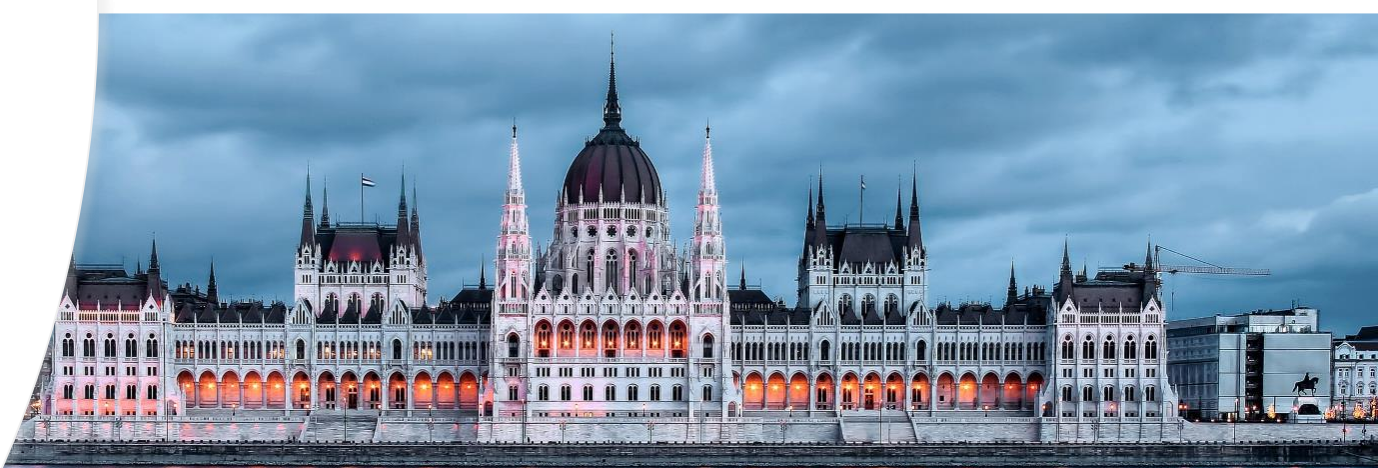
Opera house

- The building of the Hungarian State Opera is a neo-Renaissance opera house located in the center of Budapest on Andrásy út. It was designed by Miklós Ybl. The building is richly decorated with gold and statues and paintings depicting scenes from Greek mythology. The whole building is mainly focused on the God Dionysus and Apollo.



Hungarian Parliament Building "Országház"

- Országház is the building of the Hungarian Parliament. It is one of the national symbols of Hungary. Its neo-Gothic dome is 96 meters high, while 96 are also the number of steps on the main ski slope. The number symbolizes the date of the arrival of the Mad'ars in the homeland in 896.



Margit's Island

- Margit's Island stretches across the Danube in the middle of Budapest. There are several beautiful monuments on the 2.5km long and 500m wide island. These include an impressive singing fountain and a medieval ruin and several bath houses.



Central Market Hall (Nagy Vásárcsarnok)

- The market comes from the end of the 19th century. The metal structure of the roof is still original. Central Market Hall is the largest covered market in Budapest. On the ground floor you will find a large selection of meat, cheese, fruit and vegetables. On the second floor, not only food is sold, but also handicrafts and traditional clothes.





THANK YOU FOR YOUR ATTENTION!