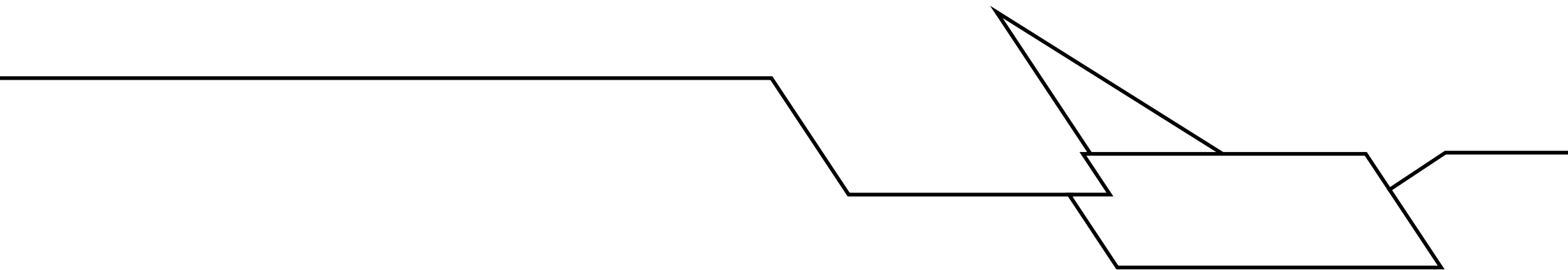


# PUMPA GAS STATION

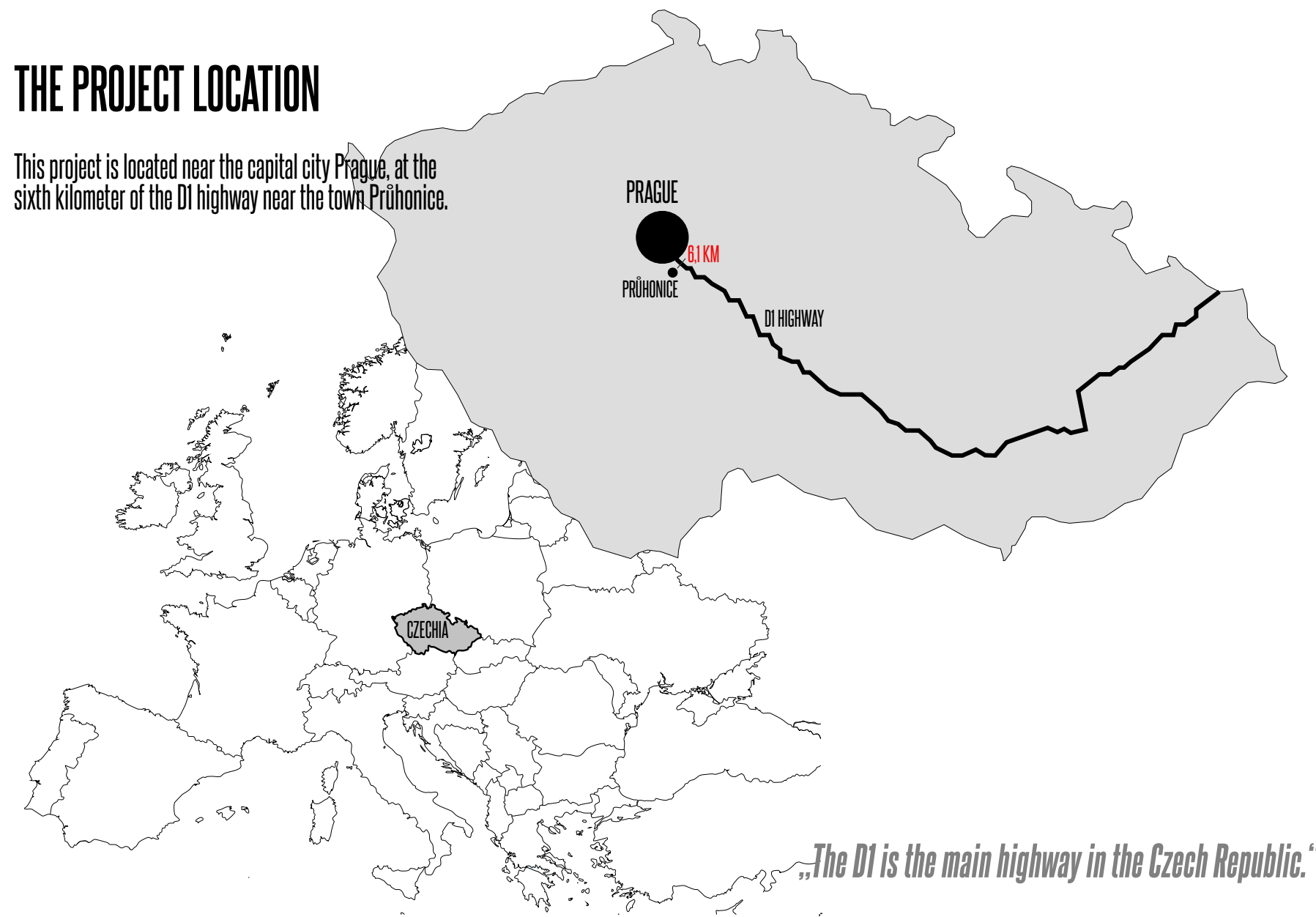
PORCELANOSA INTERNATIONAL PROJECT AWARD 2024





## THE PROJECT LOCATION

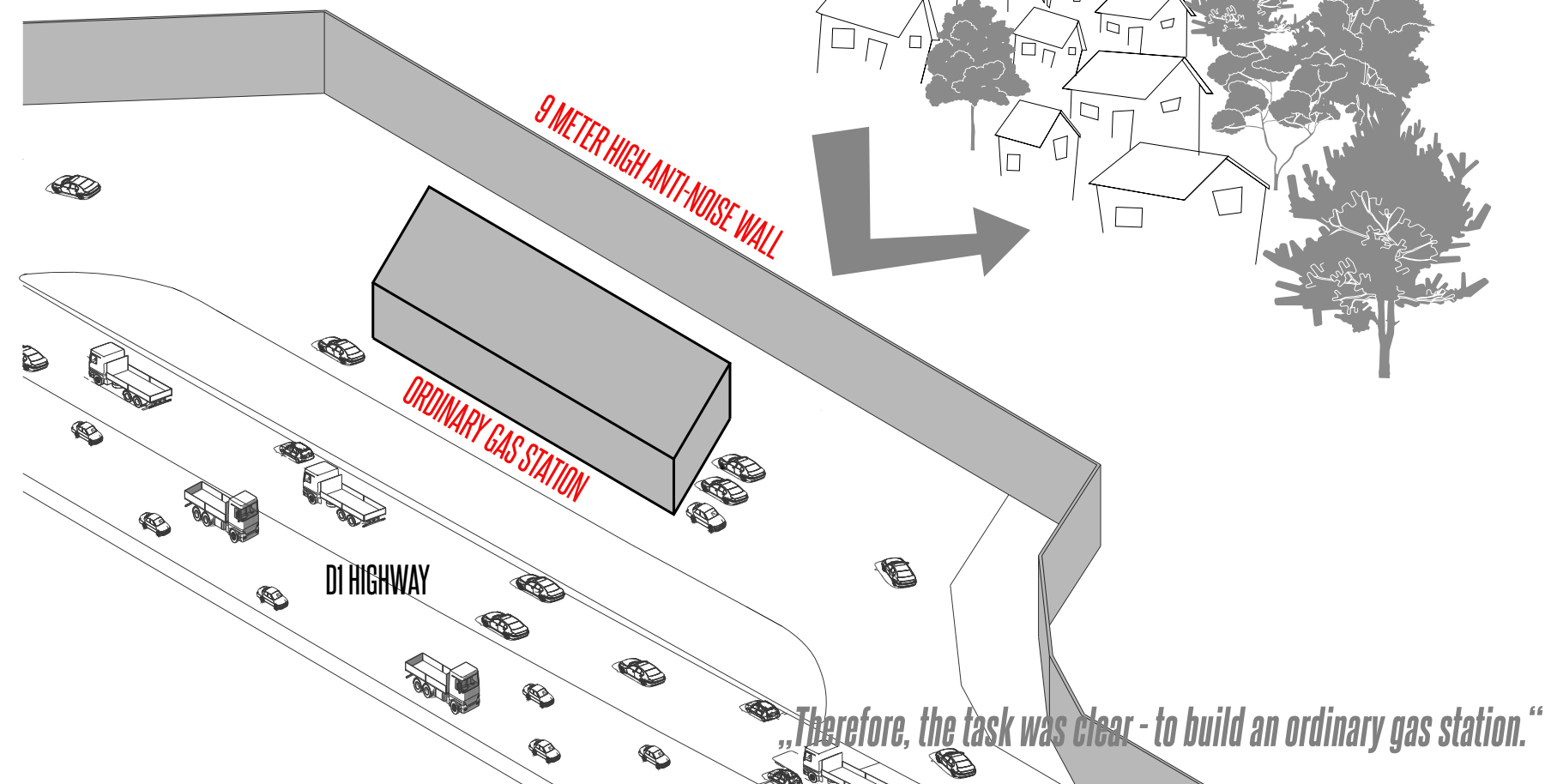
This project is located near the capital city Prague, at the sixth kilometer of the D1 highway near the town Průhonice.



*„The D1 is the main highway in the Czech Republic.“*

## THE INITIAL TASK

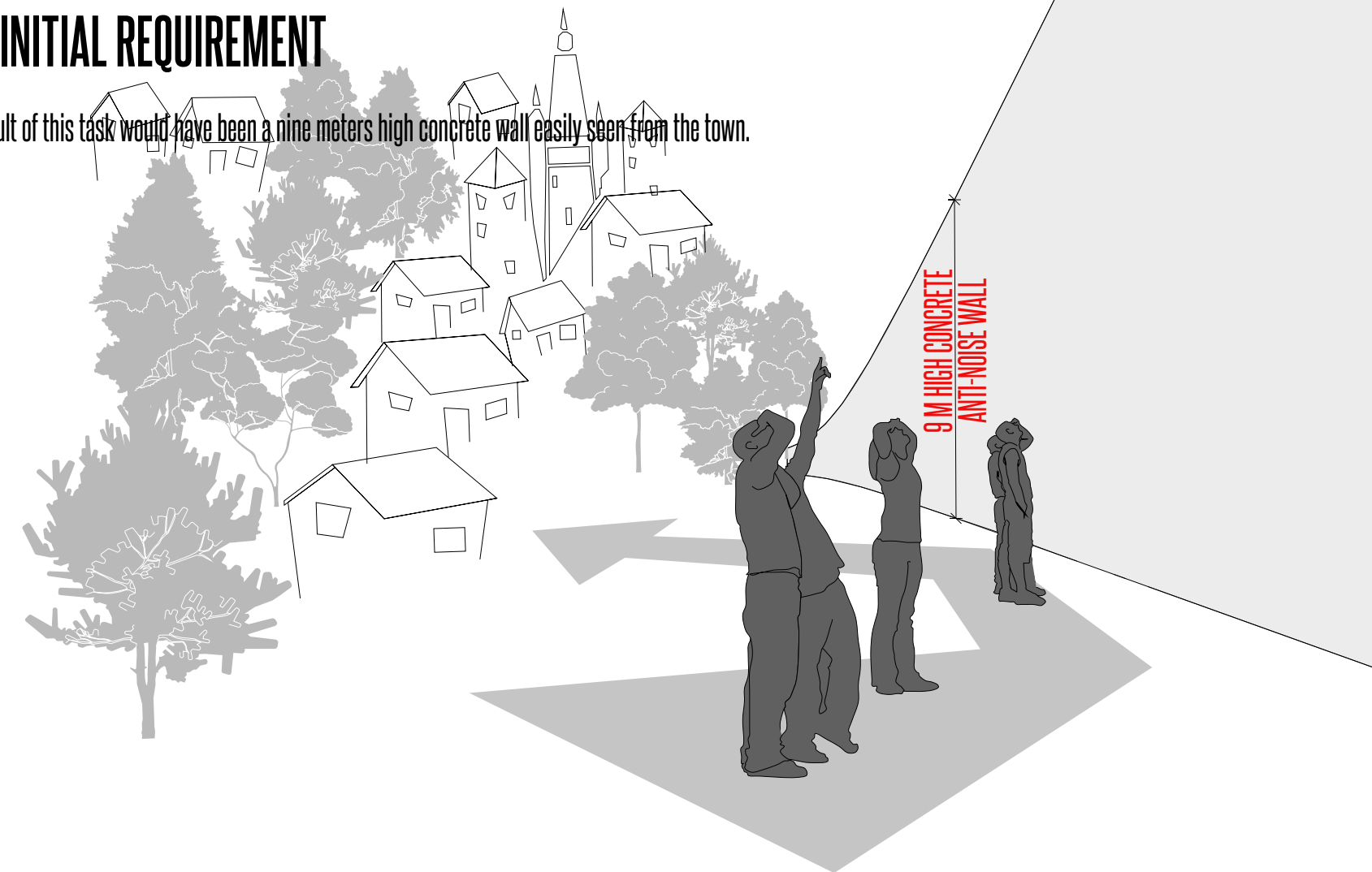
The developer wanted to build a gas station and at the same time he had to build a noise barrier between the highway and the town Průhonice. That was the condition of the whole project.



*„Therefore, the task was clear - to build an ordinary gas station.“*

## THE INITIAL REQUIREMENT

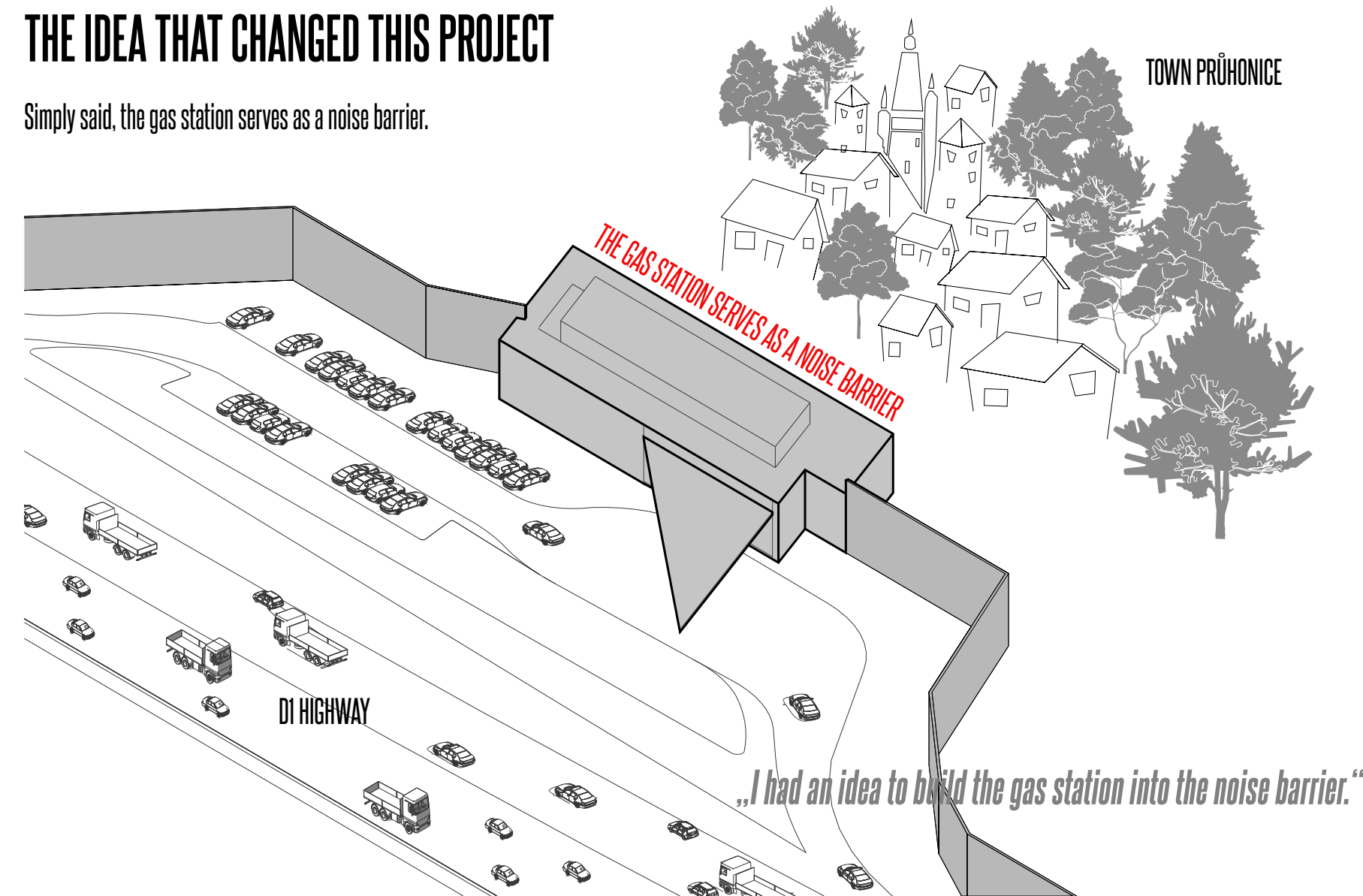
The result of this task would have been a nine meters high concrete wall easily seen from the town.



*„That was not a very pleasant idea.“*

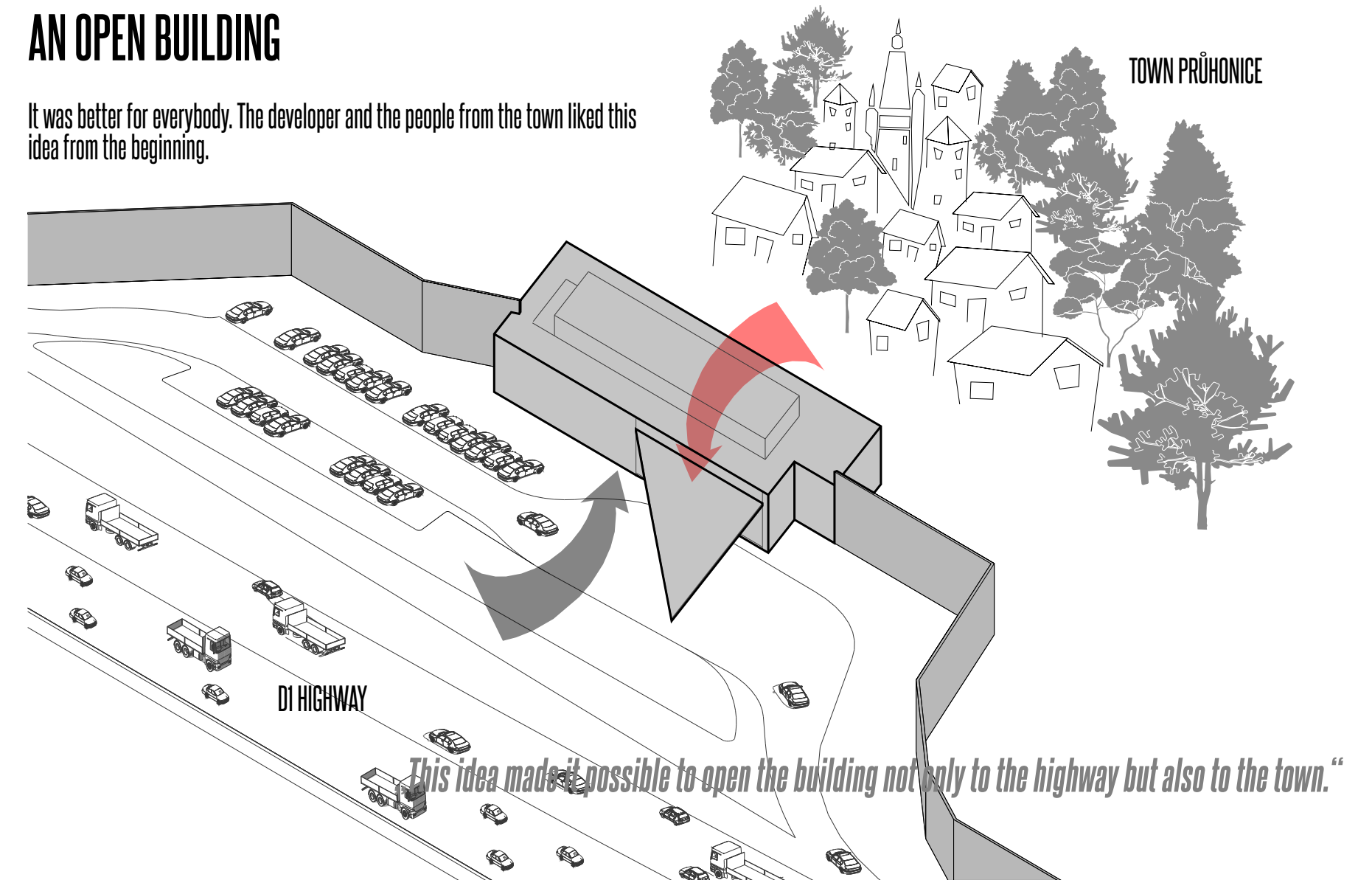
## THE IDEA THAT CHANGED THIS PROJECT

Simply said, the gas station serves as a noise barrier.



## AN OPEN BUILDING

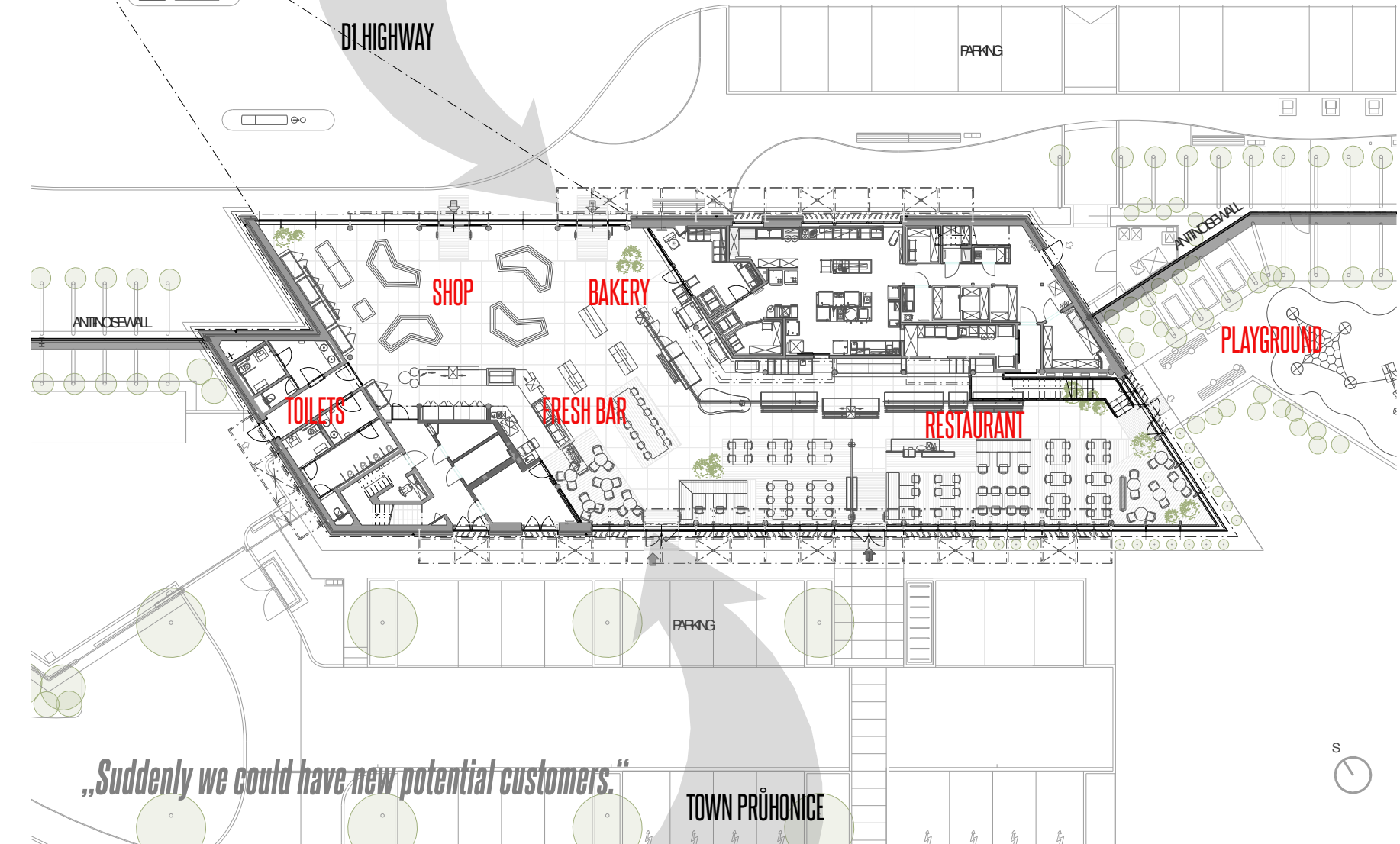
It was better for everybody. The developer and the people from the town liked this idea from the beginning.







## NEW POSSIBILITIES FOR THE DEVELOPMENT



„Suddenly we could have new potential customers.“





*„That gave us an opportunity to build a large restaurant.“*



*„We could design a special grill for customers.“*





*„...there is also a bakery.“*



*„...we designed a fresh bar for tired drivers.“*

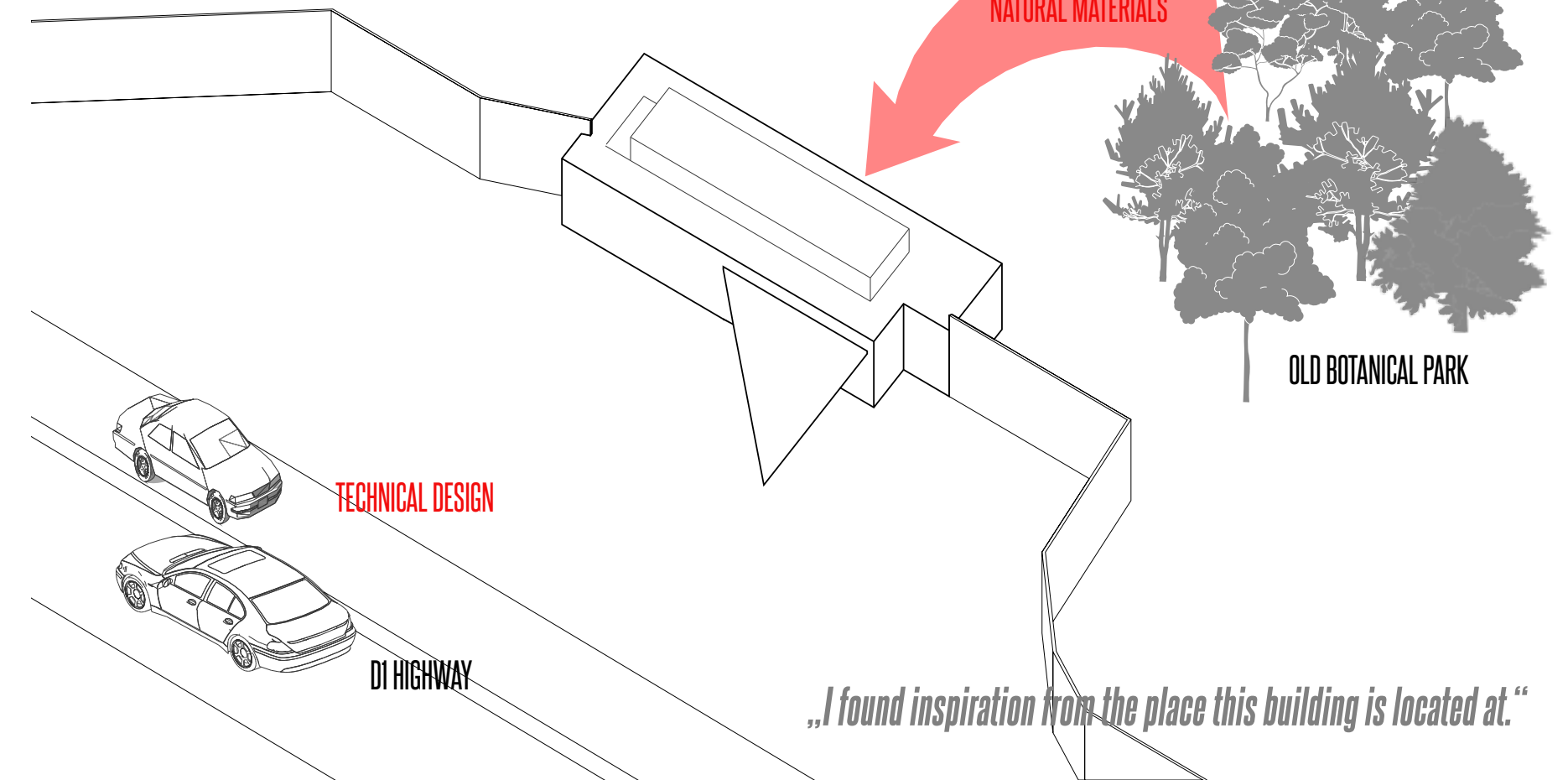




„...and there is a large shop for everyone, open 24/7.“

## INSPIRATION FOR THE DESIGN

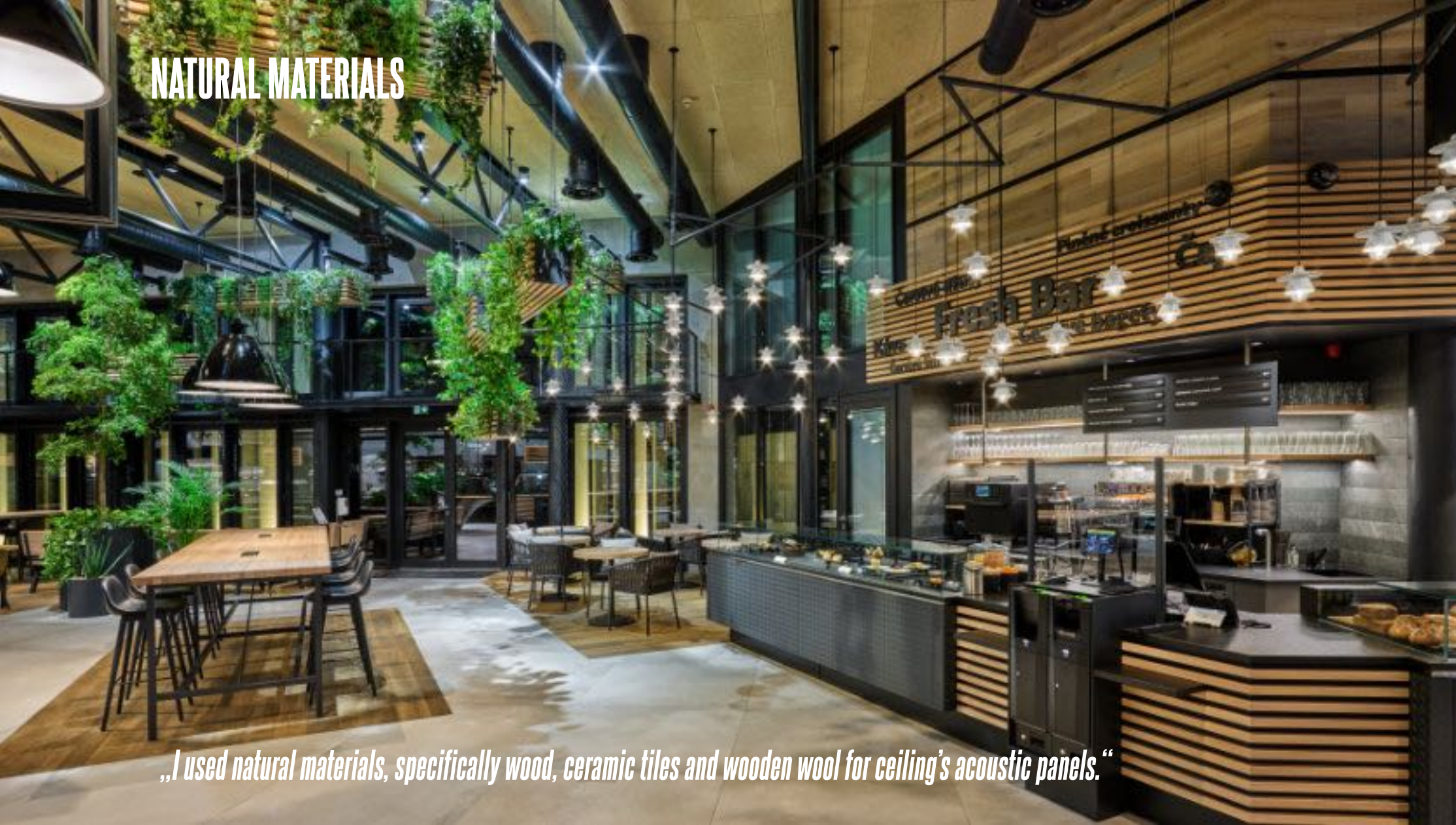
There is the highway D1 on one side and the town Průhonice with a big old botanical park on the other side. There are old trees on one side and modern cars on the other. For this reason, I connected technical and natural materials.



„I found inspiration from the place this building is located at.“



## NATURAL MATERIALS



*„I used natural materials, specifically wood, ceramic tiles and wooden wool for ceiling's acoustic panels.“*



*„The restaurant walls are covered with black ceramic tiles with fine texture.“*





*„For the floors I used large ceramic tiles in light grey color.“*



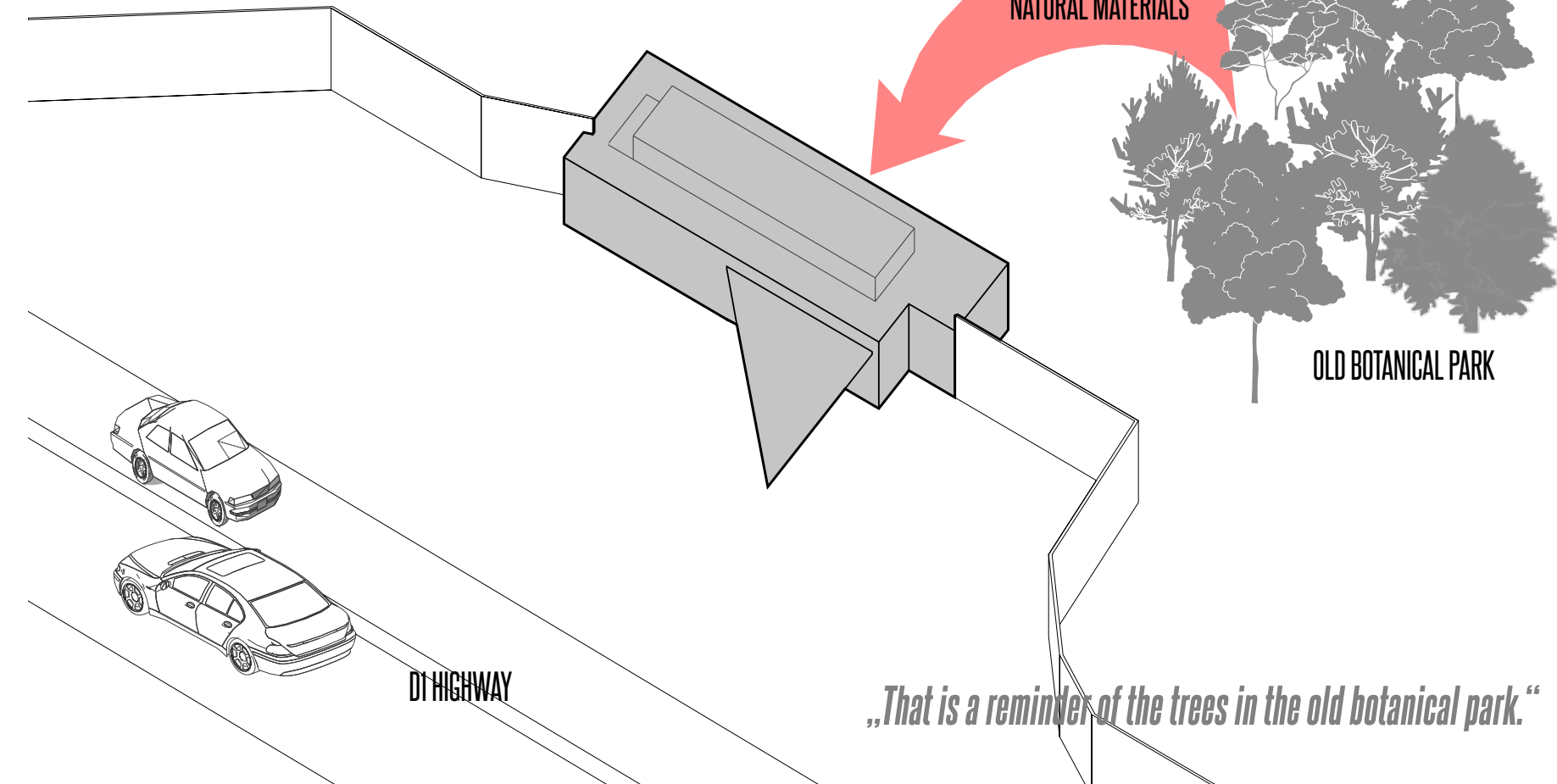
*„You will also find light grey ceramic tiles on the walls and floors of all toilets.“*





## THE TREES TRANSFORMED TO SUNBREAKERS

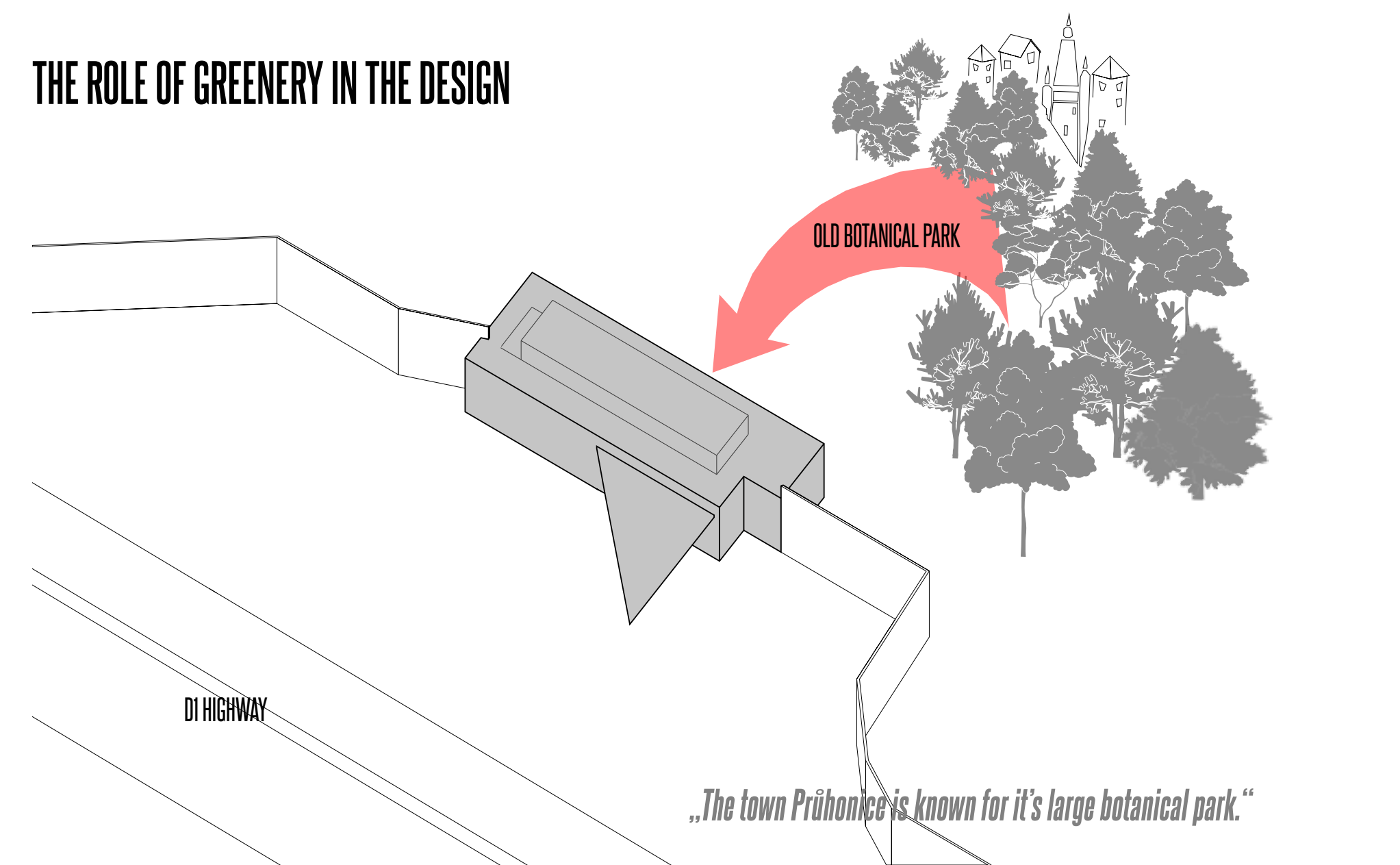
From the outside the natural materials are represented by wooden sunbreakers.







## THE ROLE OF GREENERY IN THE DESIGN







*„A lot of greenery in this project is a reminder of this park.“*



*„We could say that greenery grows through all the interior into the exterior and back.“*





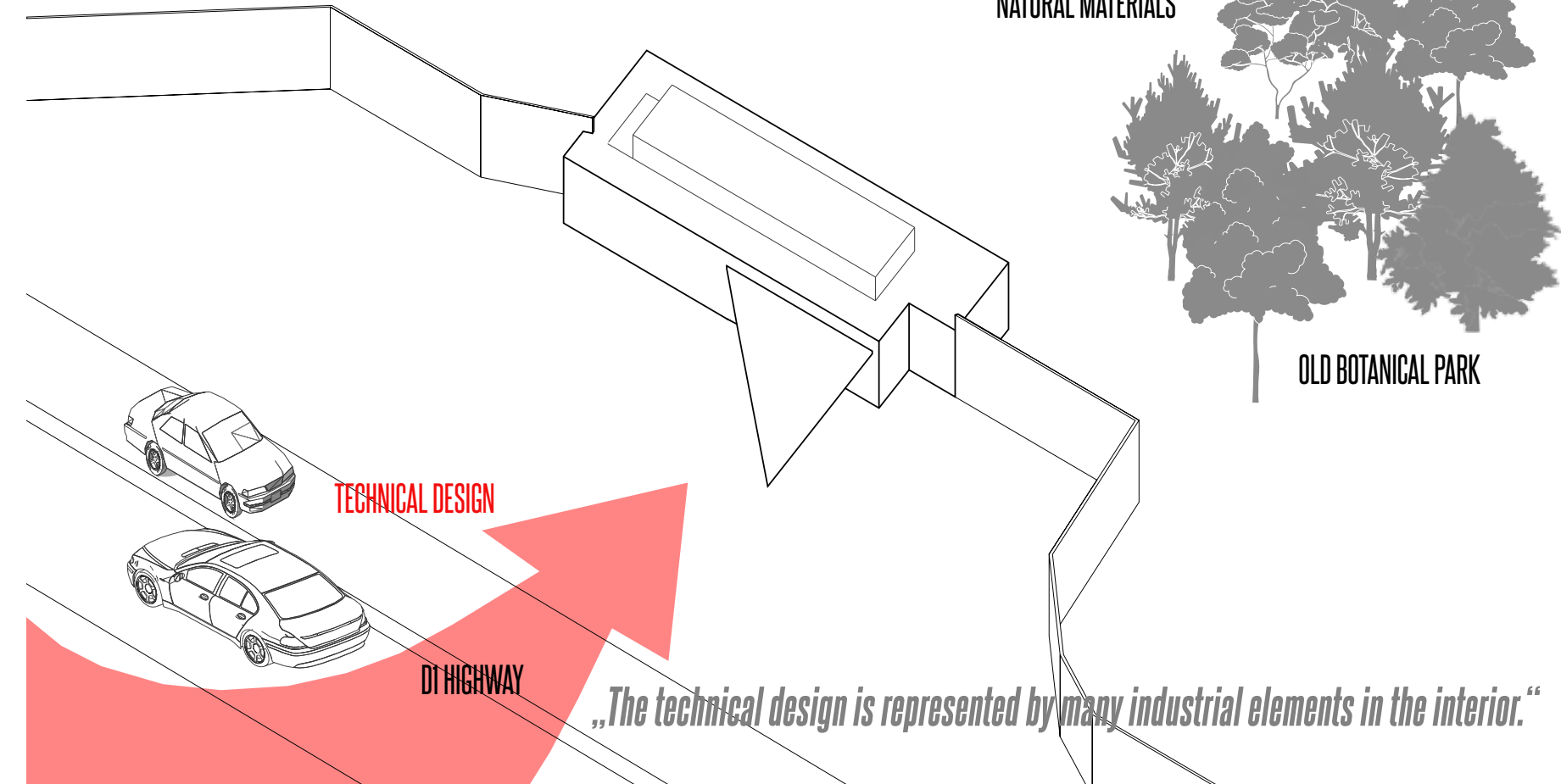
*„Outside, the greenery climbs up on wooden posts.“*



*„Wooden posts create a special effect.“*



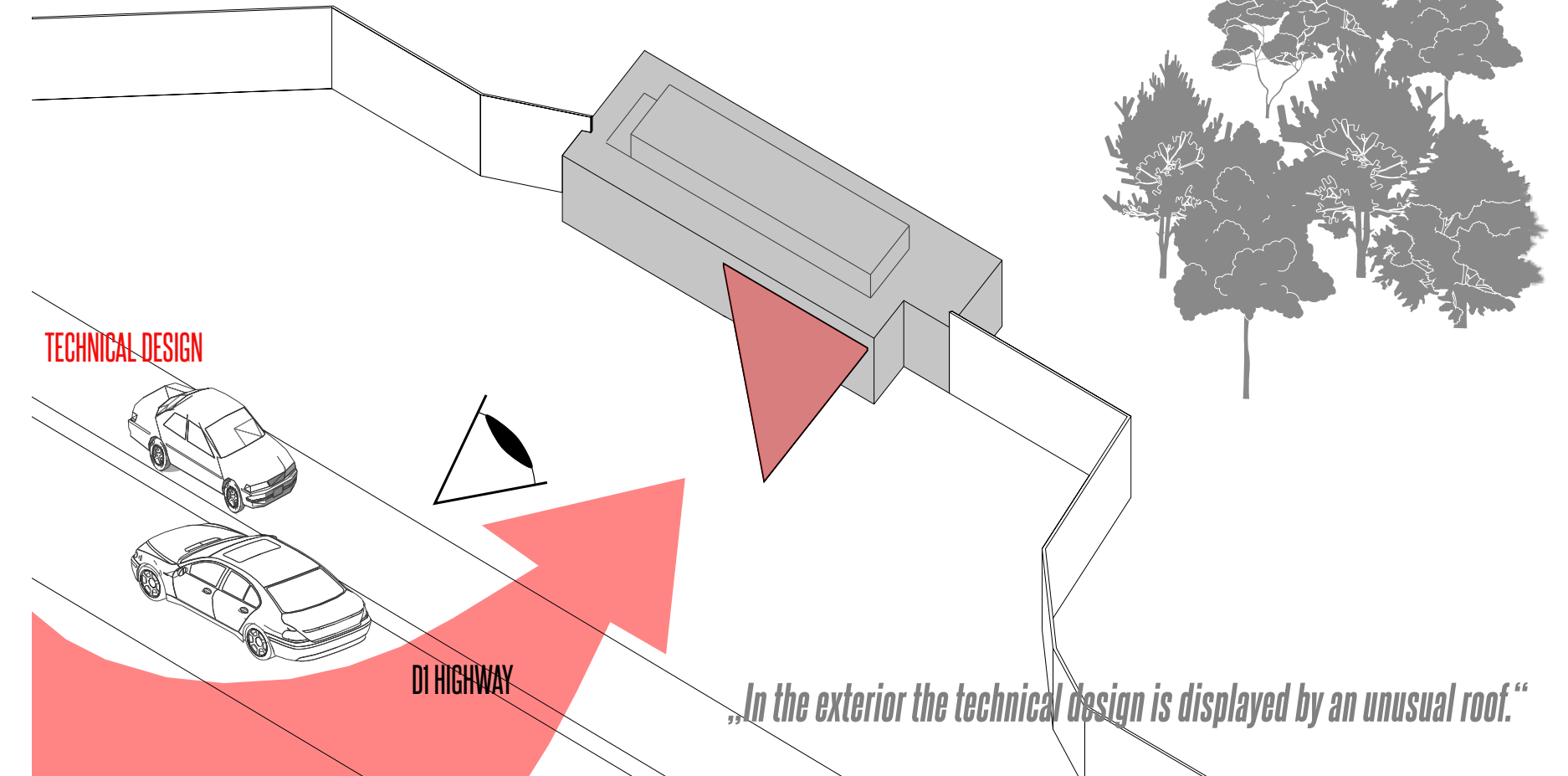
## THE TECHNICAL DESIGN







## THE UNUSUAL ROOF





*„I wanted to design a roof in a shape that would catch your attention....“*



*„....and you would want to stop and look at this place.“*



## THE CALMING EFFECT OF THE DESIGN



*„I believe that the combination of natural ceramic tiles with light wood and greenery has a calming effect on people.“*



*„My vision was to create space where people would be happy to relax.“*



365/24/7

„Pumpa is open all year long, 24 hours, 7 days a week – also for you.“



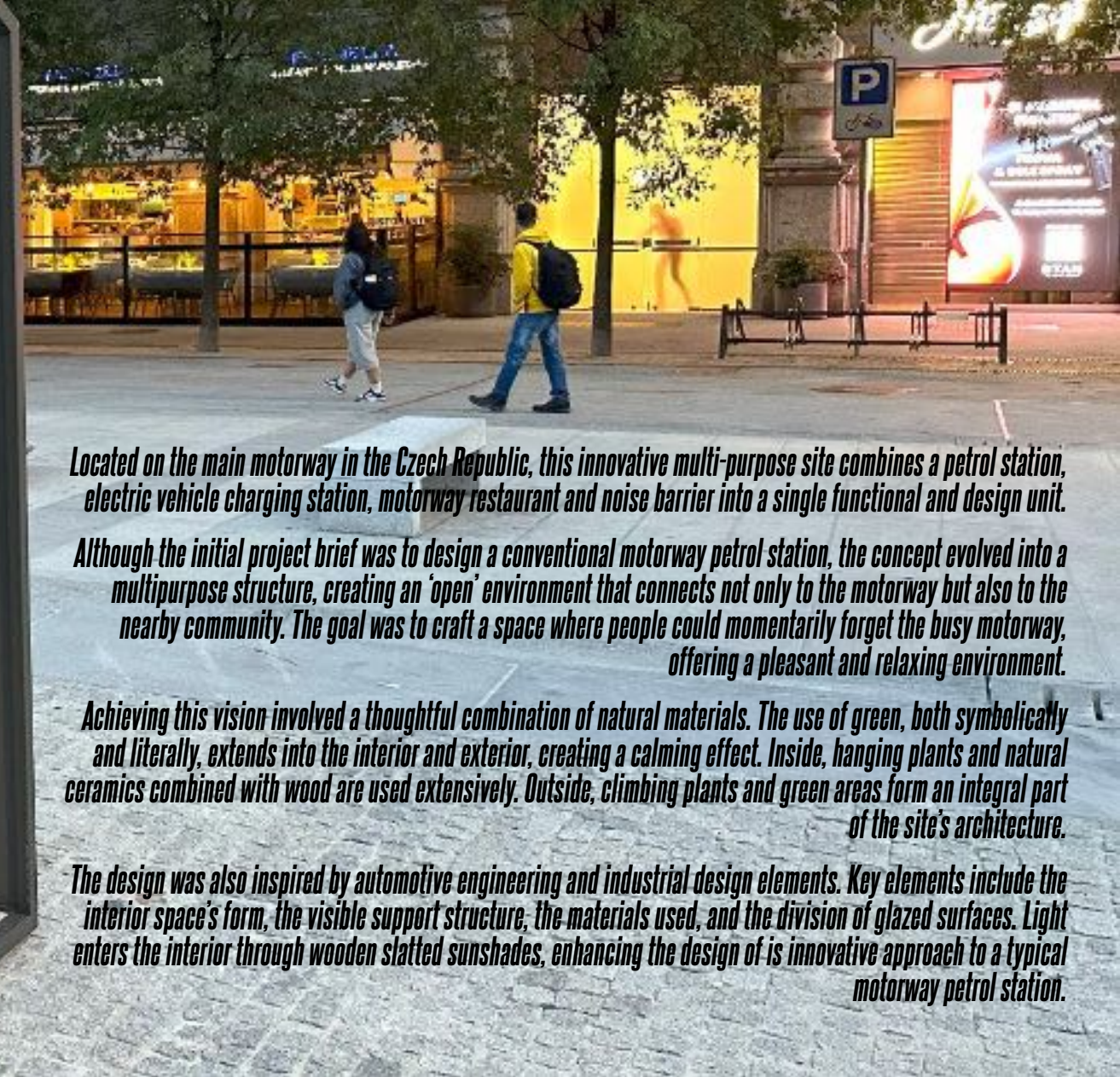
## ANNOTATION

*Located on the main motorway in the Czech Republic, this innovative multi-purpose site combines a petrol station, electric vehicle charging station, motorway restaurant and noise barrier into a single functional and design unit.*

*Although the initial project brief was to design a conventional motorway petrol station, the concept evolved into a multipurpose structure, creating an 'open' environment that connects not only to the motorway but also to the nearby community. The goal was to craft a space where people could momentarily forget the busy motorway, offering a pleasant and relaxing environment.*

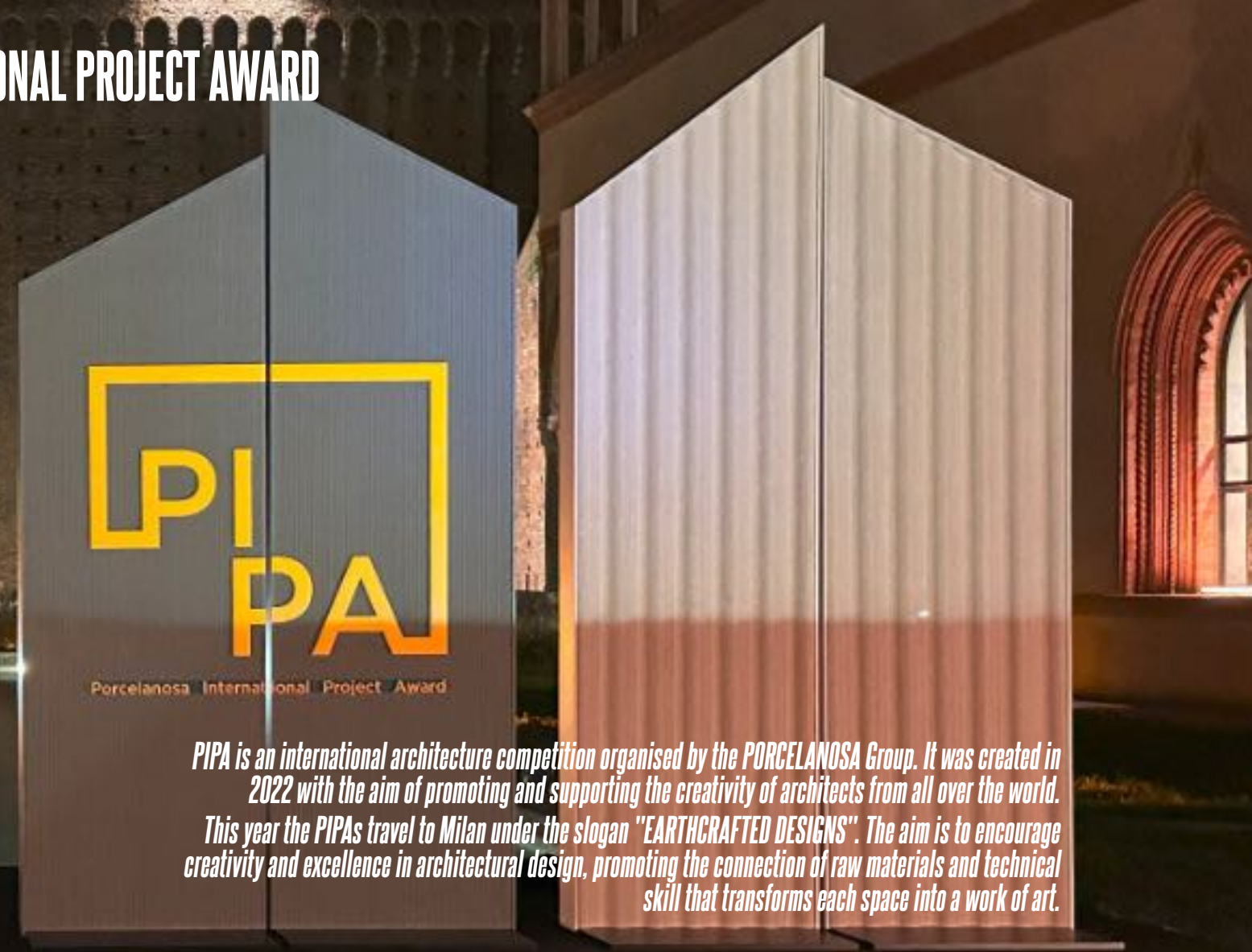
*Achieving this vision involved a thoughtful combination of natural materials. The use of green, both symbolically and literally, extends into the interior and exterior, creating a calming effect. Inside, hanging plants and natural ceramics combined with wood are used extensively. Outside, climbing plants and green areas form an integral part of the site's architecture.*

*The design was also inspired by automotive engineering and industrial design elements. Key elements include the interior space's form, the visible support structure, the materials used, and the division of glazed surfaces. Light enters the interior through wooden slatted sunshades, enhancing the design of its innovative approach to a typical motorway petrol station.*





# PORCELANOSA INTERNATIONAL PROJECT AWARD 2024



*PIPA is an international architecture competition organised by the PORCELANOSA Group. It was created in 2022 with the aim of promoting and supporting the creativity of architects from all over the world. This year the PIPAs travel to Milan under the slogan "EARTHCRAFTED DESIGNS". The aim is to encourage creativity and excellence in architectural design, promoting the connection of raw materials and technical skill that transforms each space into a work of art.*

## PIPA 2024 AWARD PROJECT PUBLIC SPACES AND COMMERCIAL PROJECTS PUMPA GAS STATION

*The jury recognized this project for  
"blurring the lines between the city and the highway and giving civic quality to the gas station".*





## IDENTIFICATION OF THE PROJECT PUMPA:

Owner: IMOB A.s.

Director of Real Estate Division: Jindřich Archalous

Director of Gastro and Hospitality Division: František Šlingr

Author: Ivan Kolář, A32 spol. s r. o.

Co-workers: Roman Hron, Jitka Smolřková, Martin Fořt, team A32 spol. s r. o.

Structural engineers: Stanislav Kozák, Zdeněk Vřt, Ivan řemřk





