

The Future of Urban Distribution Trucking

A New Concept and Vision for DAF Trucks

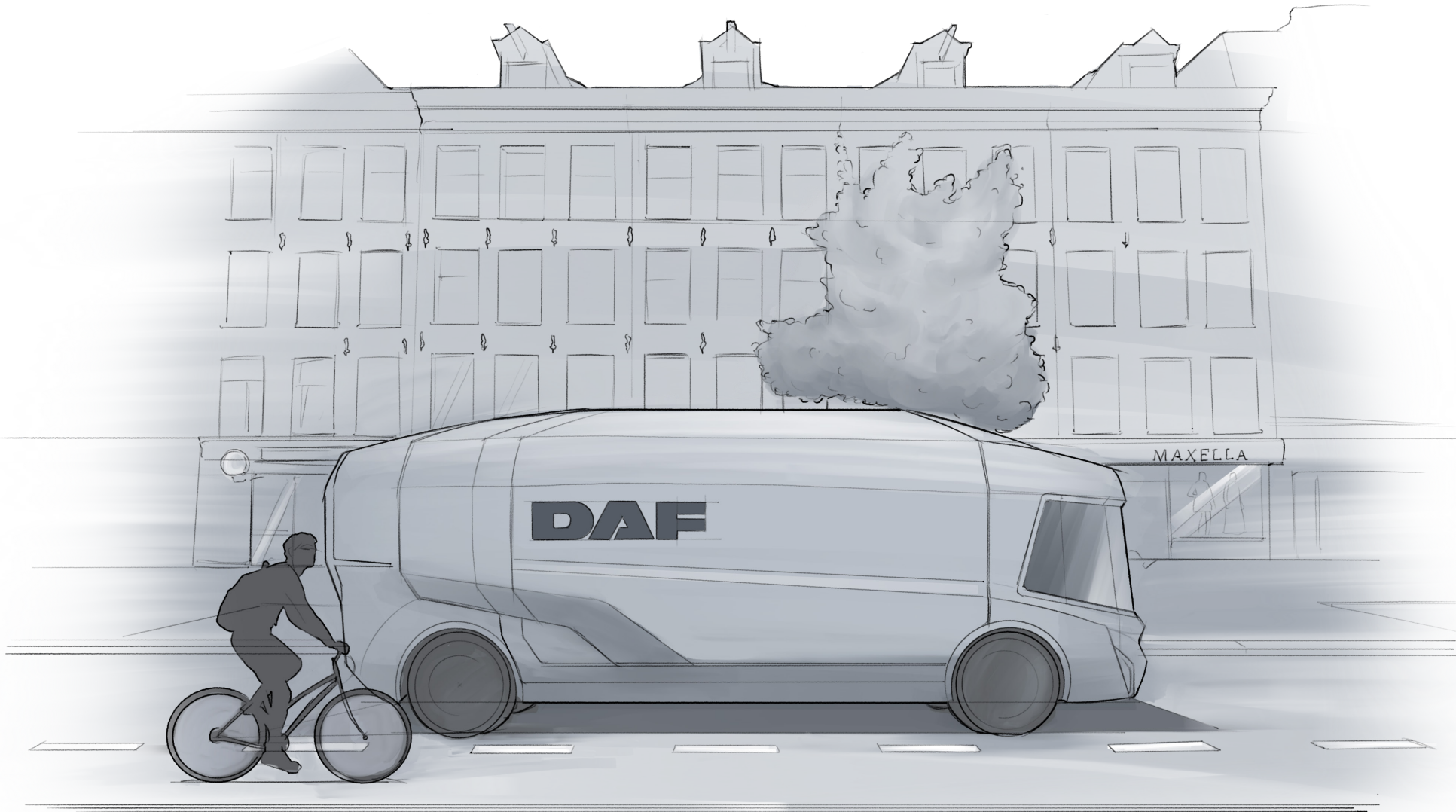
DAF *TM²*



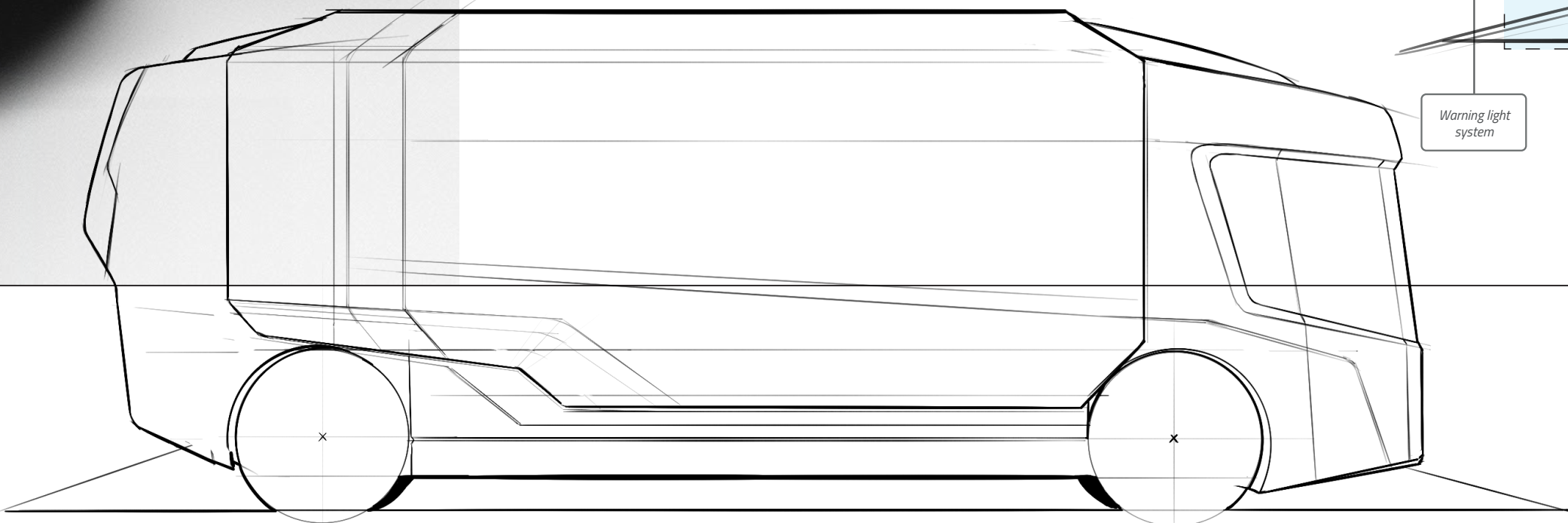
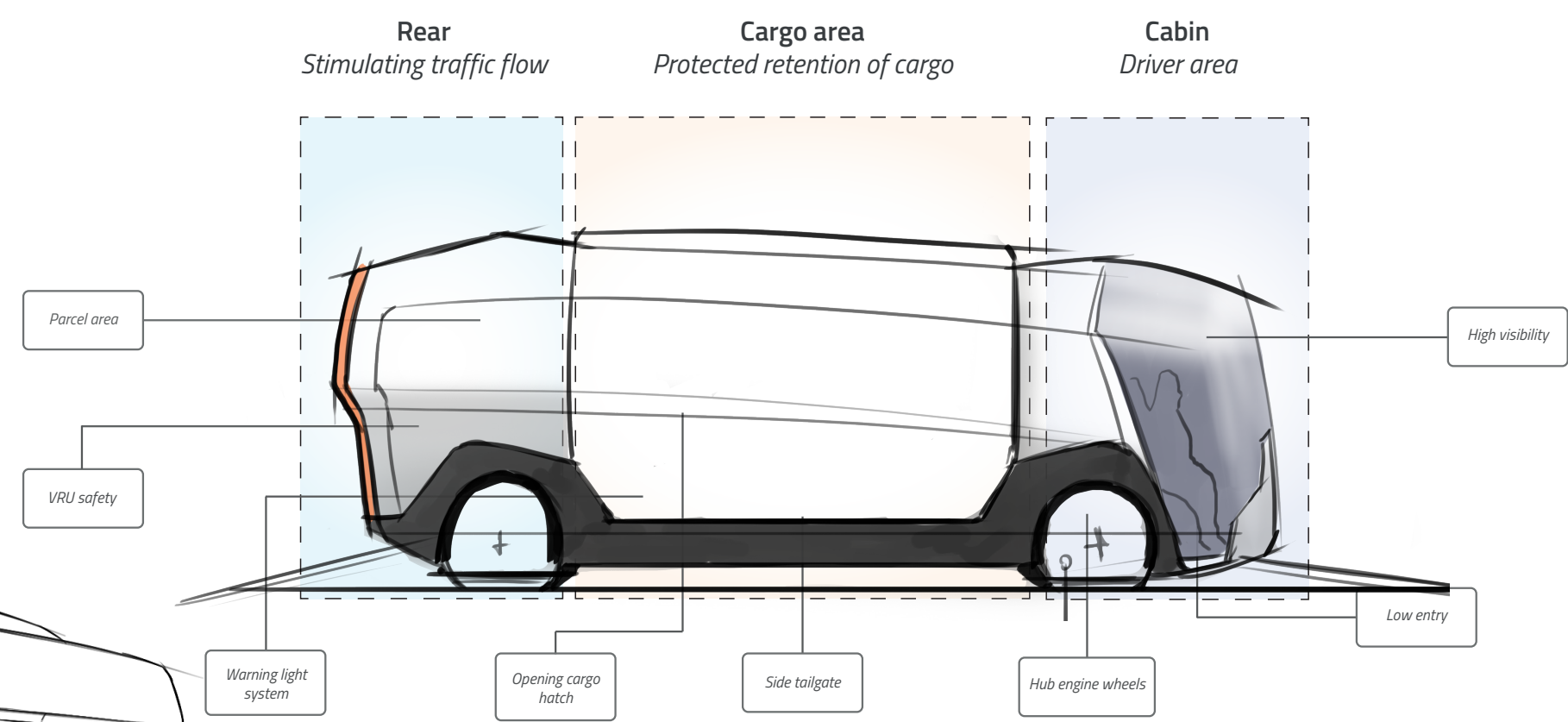
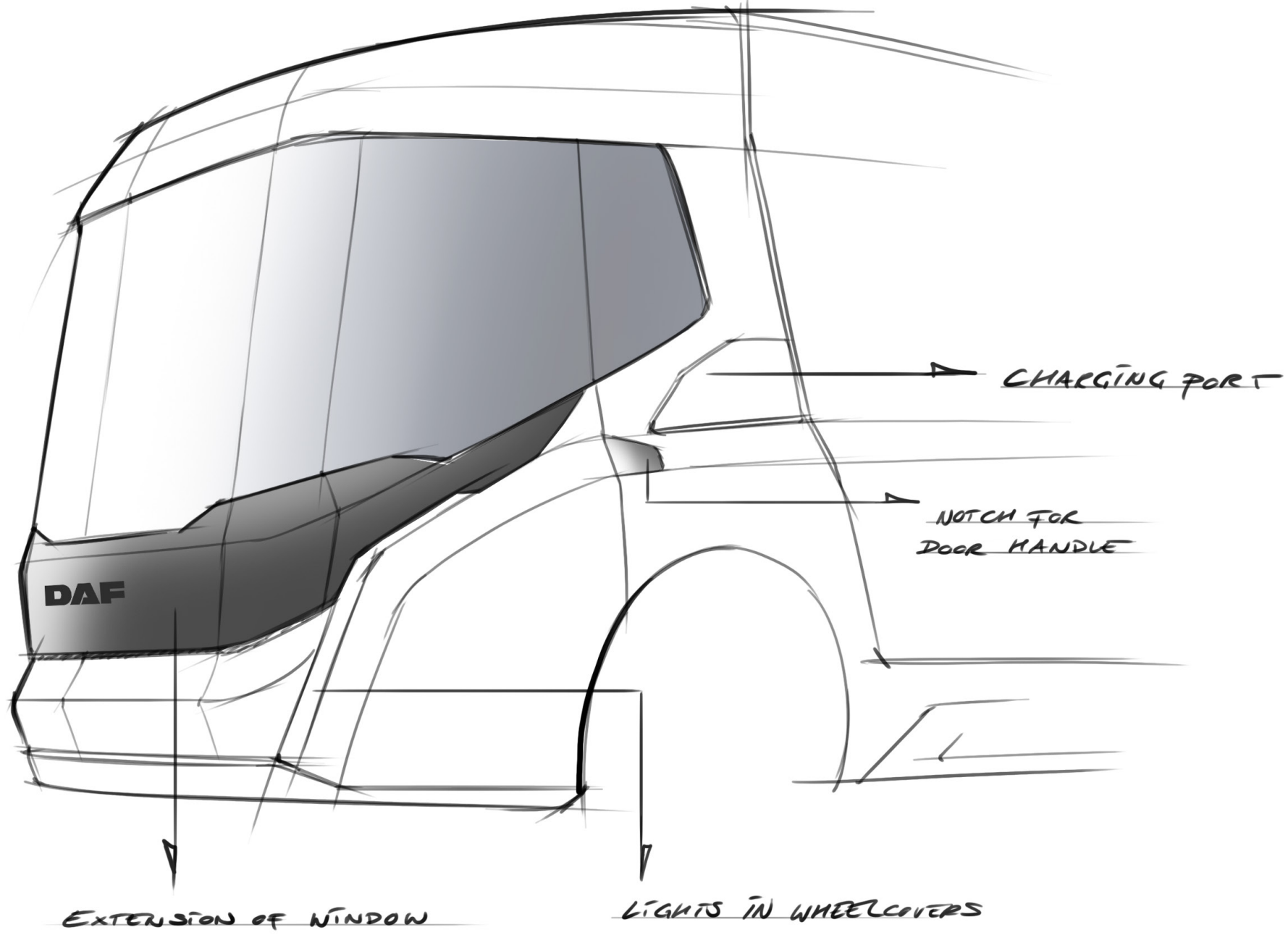
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The Future of Urban Distribution Trucking, a New
Concept and Vision for DAF Trucks
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Integrated Product Design

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Company DAF Trucks



In this graduation project, a concept and vision for a 2040 electric urban distribution vehicle, the DAF TxM2, was developed in collaboration with DAF Trucks. The design is based on the area-time formula (time multiplied by square meters), which defines the vehicle's efficiency. Its side-loading and unloading system allows for faster operation while reducing disruption to other road users. A network of docking stations around the city center enables quick and easy deliveries using this vehicle. Additionally, it features a rear safety screen that alerts traffic to oncoming vehicles. The design also focuses on how the vehicle's exterior can better integrate into the urban environment and increase acceptance among local residents. The DAF TxM2 aims to set a new benchmark for modern trucks by encouraging more inclusive and considerate distribution methods.



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