SADD-portfolio

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Pathway in Polderlandscape

From main road

Science Business Squire, entrances

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Central theme of the urban development is the common interest in technology which revolves around the site; a 'polder'. Technopolis’ centre is thereby inspired by 'polderlandschap' which is a sophisticated form of landscape technology. The context of an innovation park in Delft, a low- and high technological environment and the shared specialization of water management are complementary to each other.
The design itself requires an appearance which can be identified with the client whom requested a Science and Business Centre, the TUDelft. The design uses an expressionistic lightweight construction to reveal its structure. Water and grass planes play an important role in the environment making the connection to the building design critical. These elements are used to make the ‘polder landscape’ as well as the design attractive and powerful. They are both complementary to each other.
Geometry

Half of the plot is left open for the ‘polder’-landscape. It is part of the public domain and exists of the two key elements; water and grass planes. The corner of the building volume is raised towards the surrounding high-rise and main road. The gradual slope faces the ‘polder’. The building volume is cut in two by an open public square; it links the campus area with the rest of Technopolis and concentrates human traffic flow through the Science Business Centre. The blue volume houses the museum and the red facilitate conference and study activity.
View from interior of museum without roof

View from interior of restaurant

Museum (blue) and restaurant (green) area
Organisation

View from interior of conference centre without roof

Conference; Auditoria (red) and Lobby (yellow) area

View from interior of conference centre from study landscape

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Central hall of the conference building

North-West facade of conference building
Central hall of the Science museum
RVS handregel

gehard/ gelaagd
veiligheidsglas, blank

RVS AMG un3 profiel
houten balklaag

metaal snelbouw systeem
polyester beton elementen
PP-gevelbouw
houten frame, CLS
Future Field is the result of a vision that recalls a metaphor of the motional effect in a field of wheat due to wind. The ambition was to create a building concept that embodies an experience of motion. An uncontrollable motion, not violent nor rough but unpredictable and erratic like the waving wheat fields or a gentle struggle of leaves in the wind.
Future Field is a translucent kinetic building application which is designed for the lobby area of the new Museum of Science of the TUDelft. Future Field exists of a multiple flexible strands that collect daylight dynamically and transmits light inwards through use of optic fibres. The human experience is highly influenced by sight and therefore (day-) light acts as a medium to generate an experience of motion. The strands will move freely which causes fluctuations in the internal lighting of the lobby. It results in waves of daylight emission which have an experience of motion within the Science Museum as effect.