

Science Business Center Delft



Rigobert Nivillac

1346946

16-06-2011

Begeleiders:

Rob Bollen - architectuur

Jan van de Voort - bouwtechniek

Gecommitteerde:

Fred Hobma

Febr
2010

P 1

juni
2010

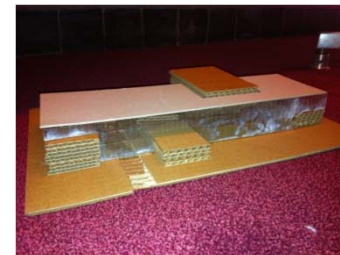
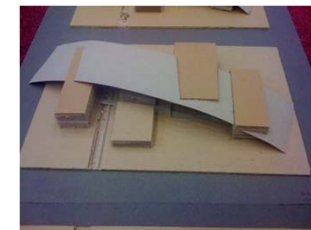
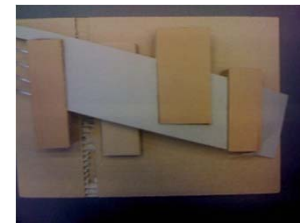
P 2

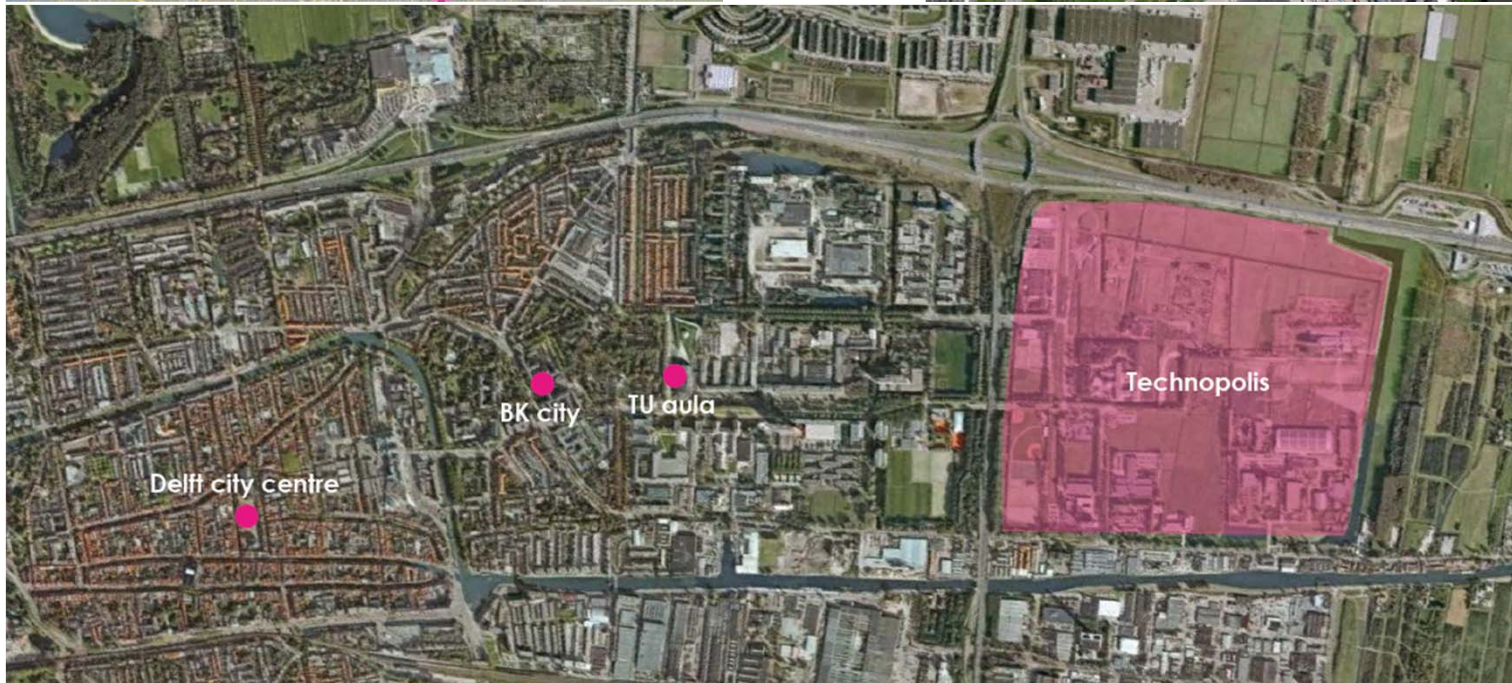
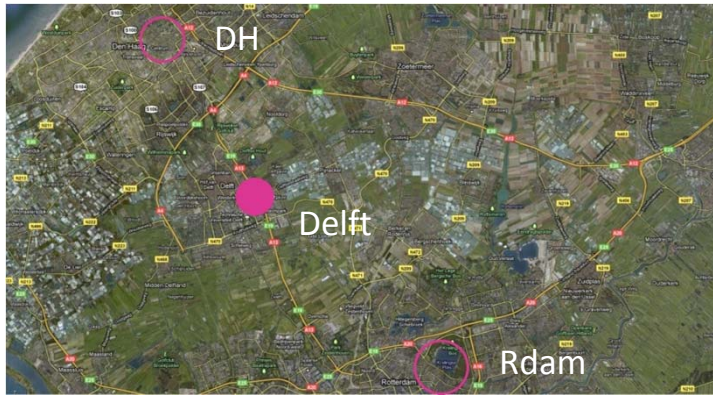
dec
2010

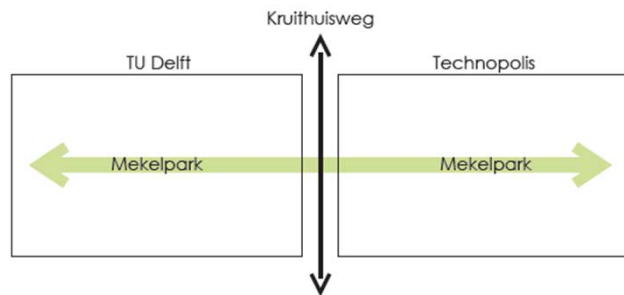
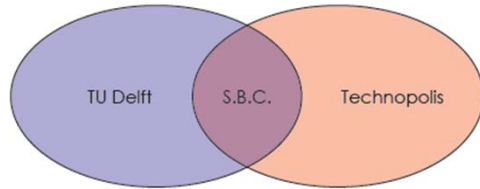
P 3

Mei
2011

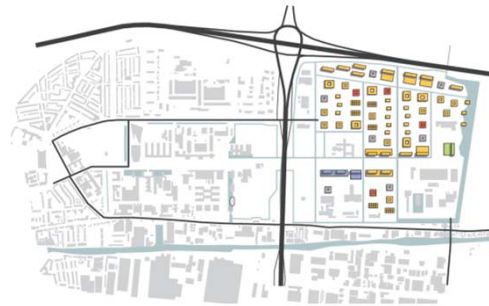
P 4



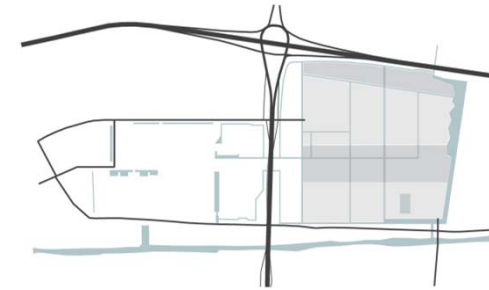




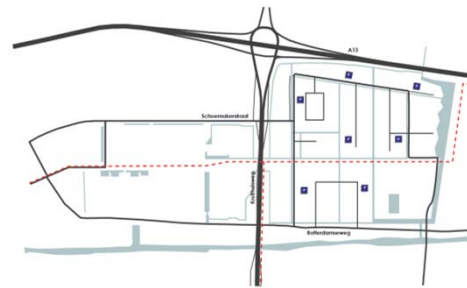
masterplan ambities



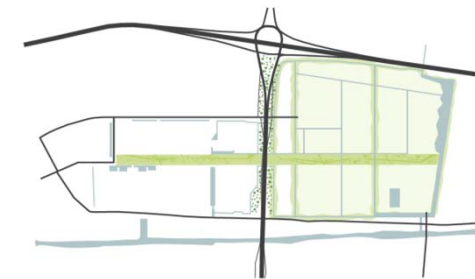
gebouw typologieën



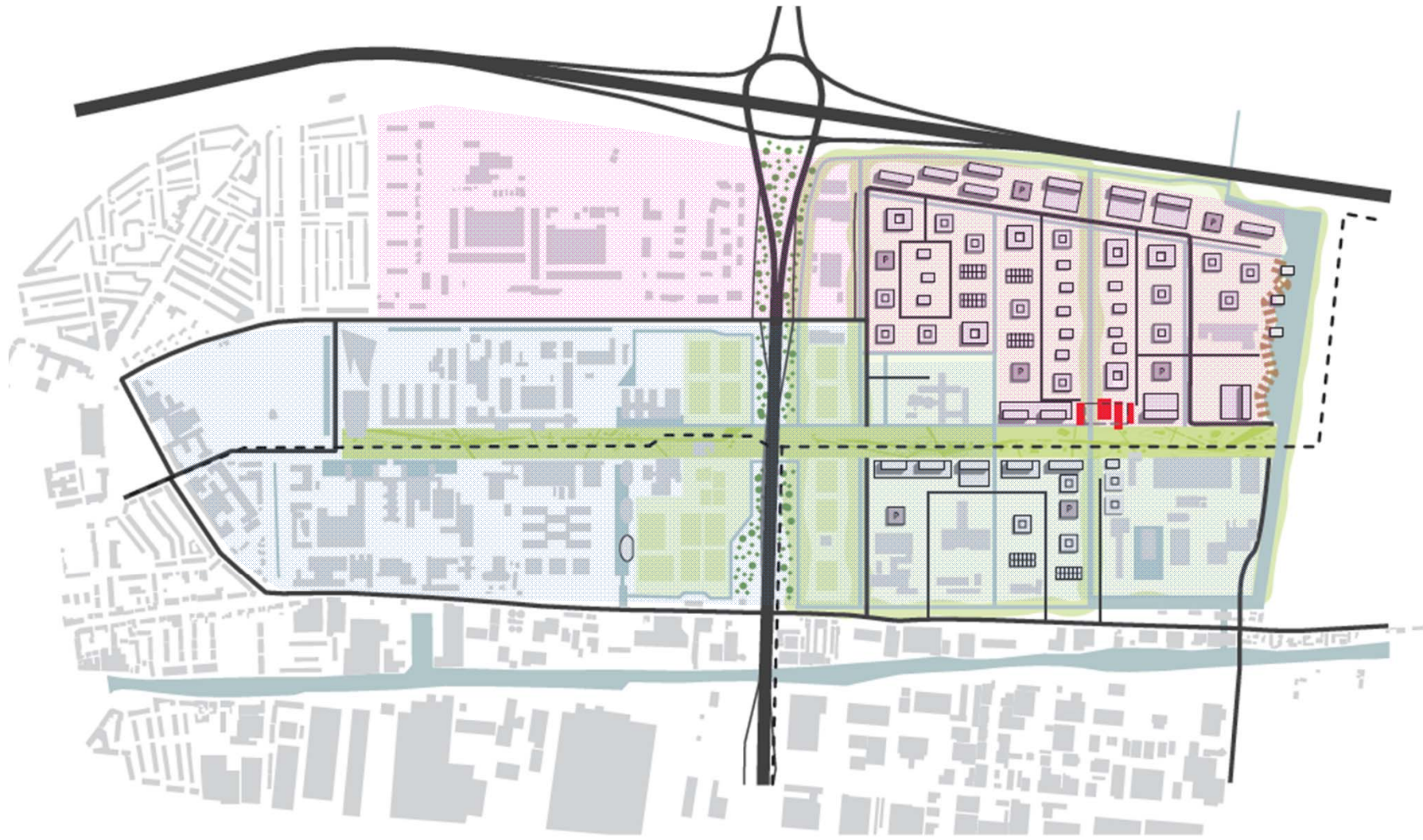
zonering



verkeer en parkeren



groen en water





The logo for Science Centre Delft features the word "Science" in a large, white, sans-serif font with a technical drawing pattern inside the letters. Below it, the word "Centre" is in a white, bold, sans-serif font, and "Delft" is in a black, serif font. The entire logo is set against a blue rectangular background.

Science Centre Delft



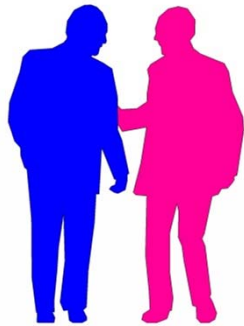
Science mensen



Business mensen



bezoekers



Kleine schaal



Midden schaal



Grootte schaal

Ontmoeting

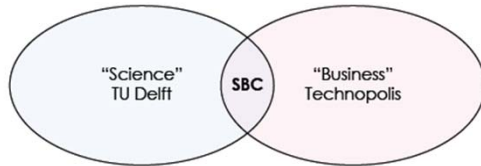
Science Business Center - SBC

Science Centre Delft



TU Delft uitvindingen tentoonstellen

Science Business Center - SBC



SYNERGIE BEVORDEREN

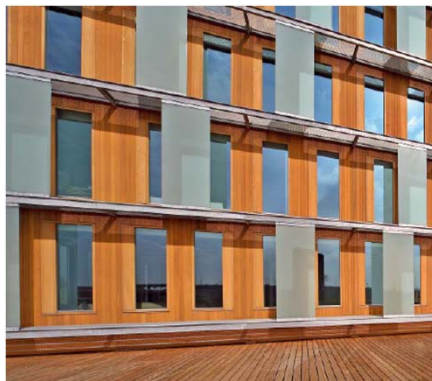
SPANNENDE
RUIMTES



TECHNIEK



DYNAMIEK



DUURZAAMHEID



Efficiënt vloer opp. gebruik



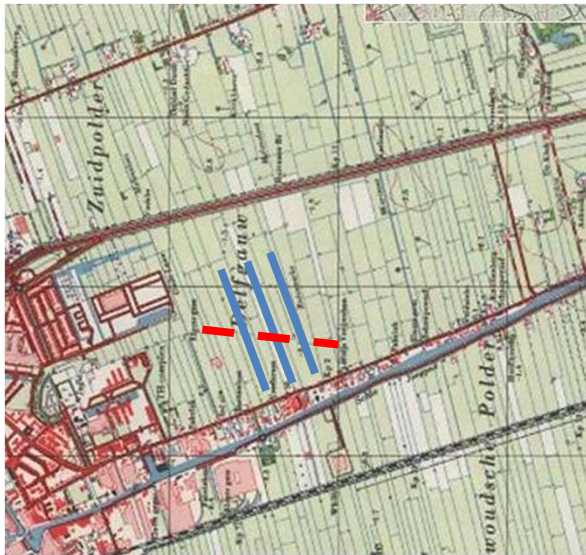
Grachten in de Delftse binnenstad
Science Business Center - concept



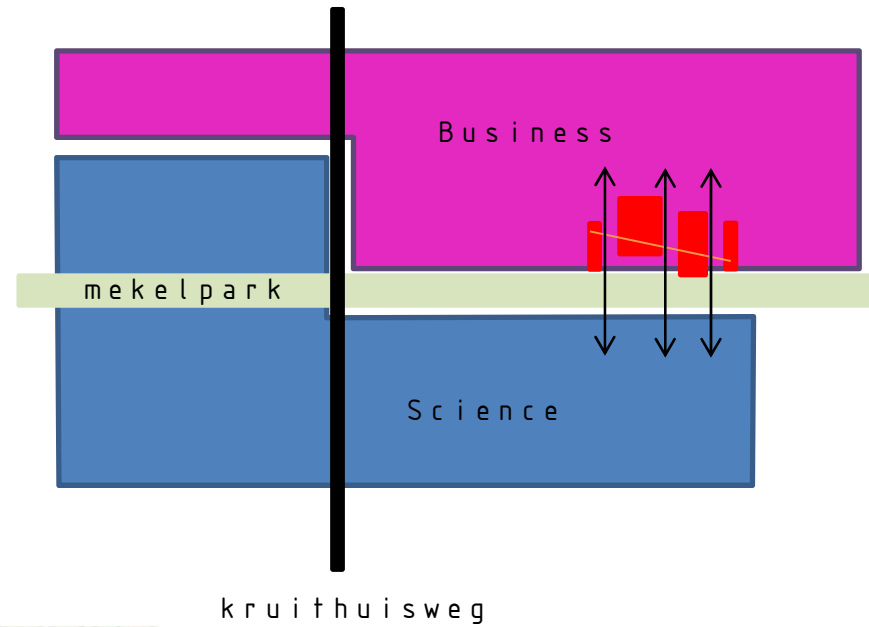
Stroken en slagen landschap



Stroken en slagen landschap

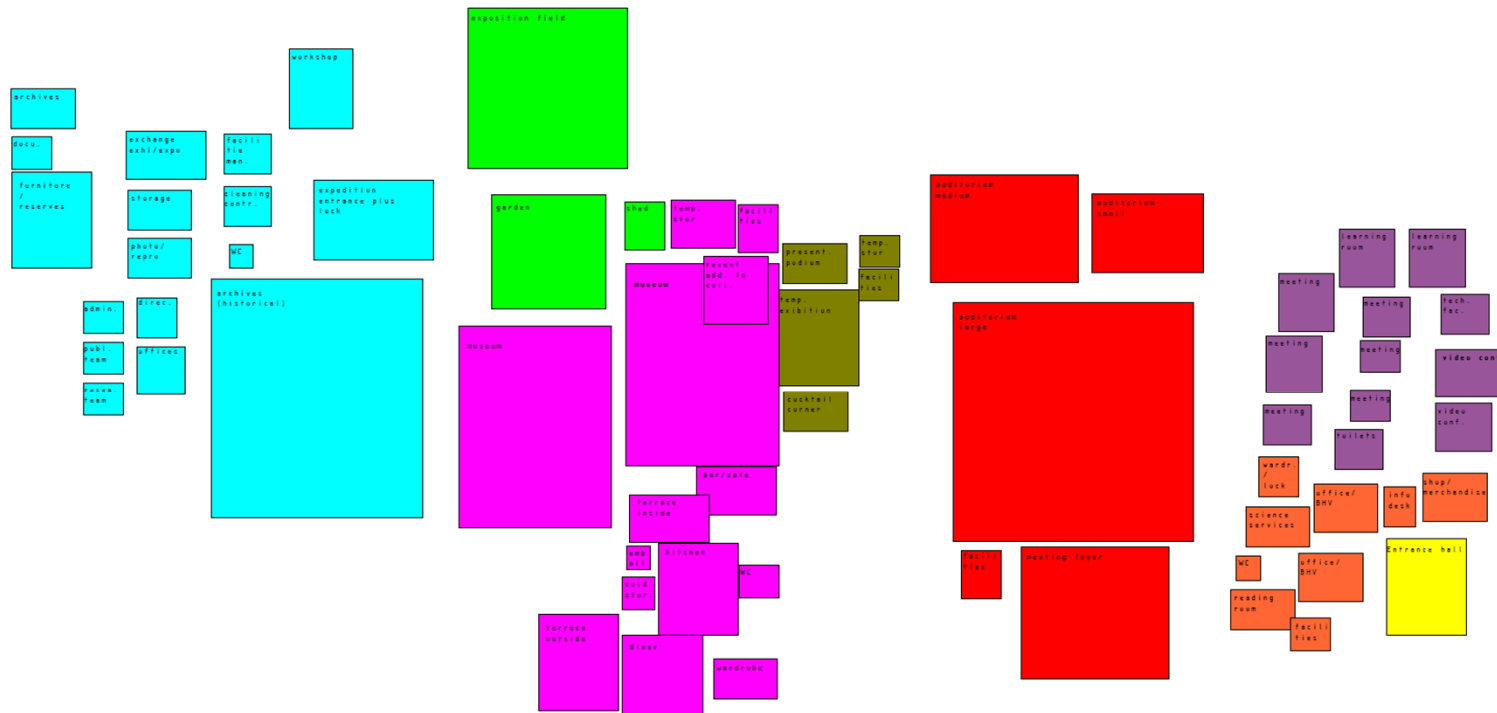


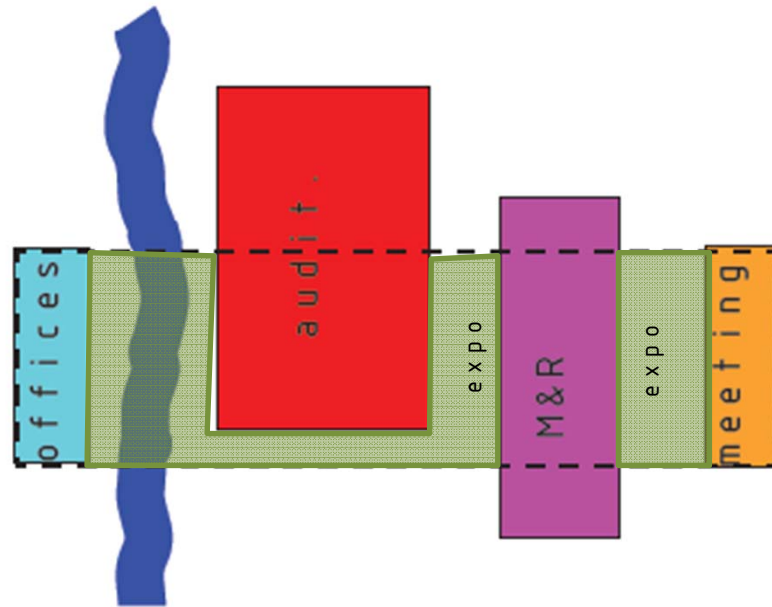
Technopolis 1958



science business center program = 7000m2

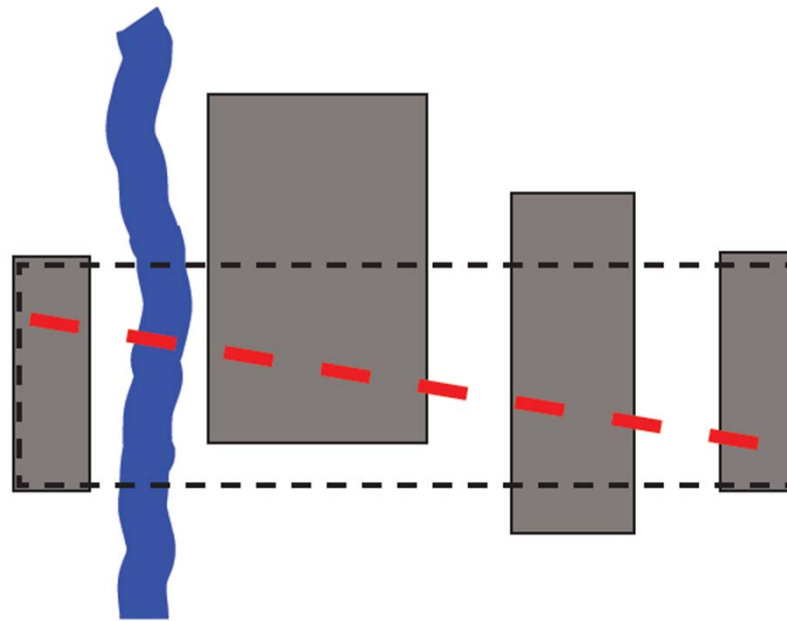
- Presentation - Conference functions
- Museum - Offices
- Drink & eat - Archives & storing



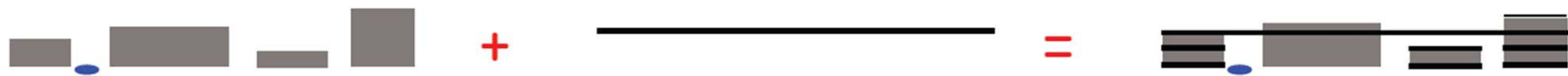


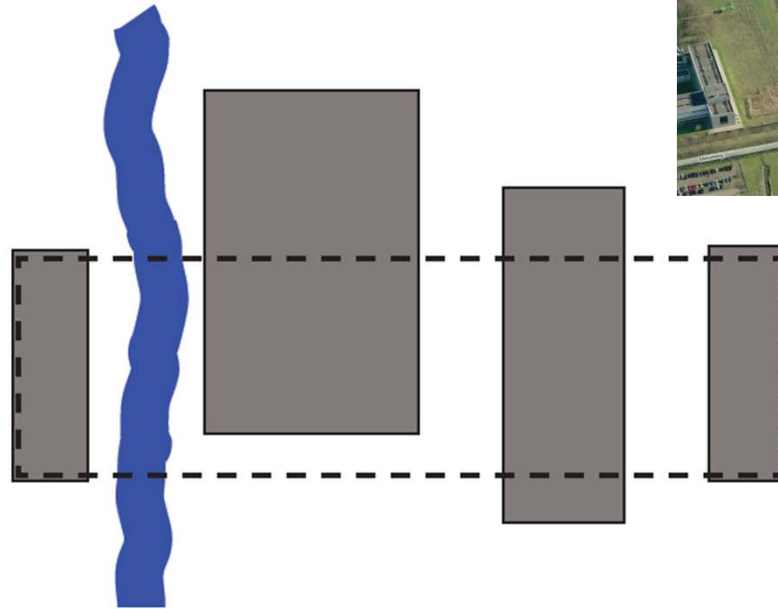
Programma verdeling





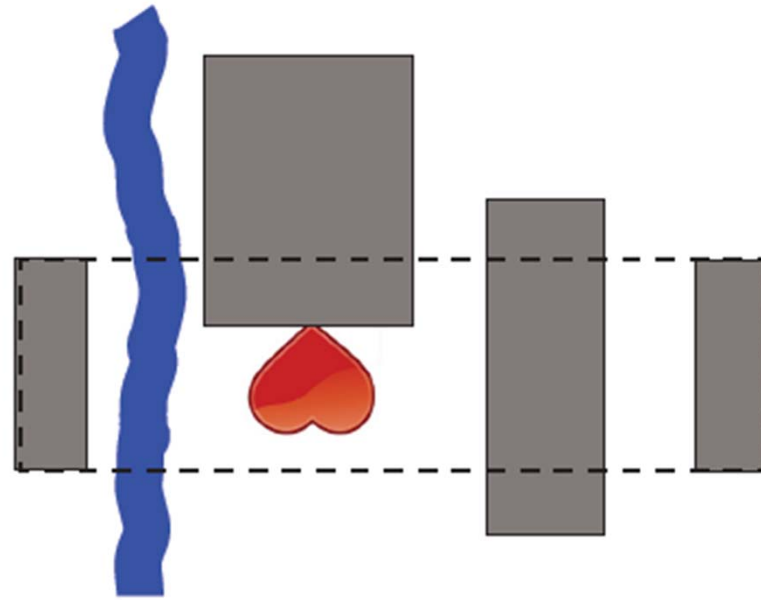
diagonale verdeling





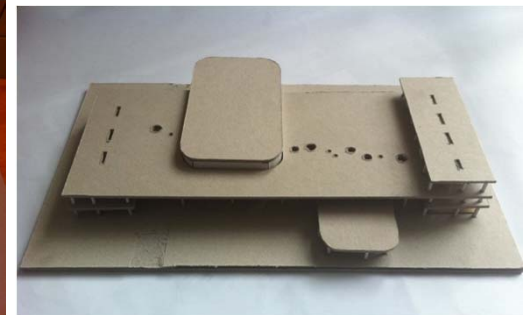
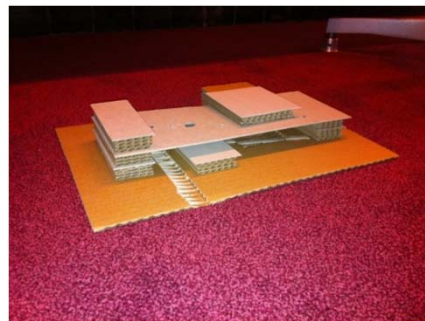
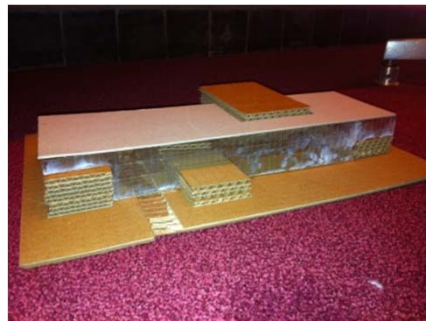
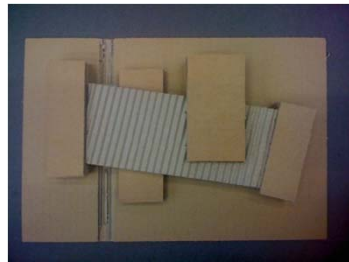
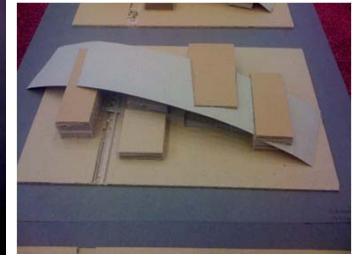
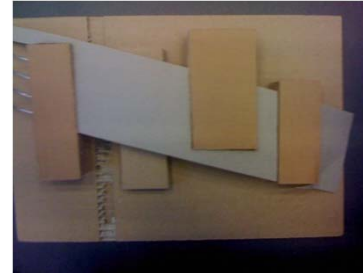
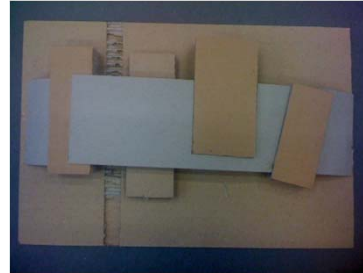
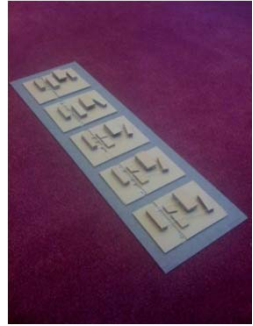
Integratie met de Thijsenvaart

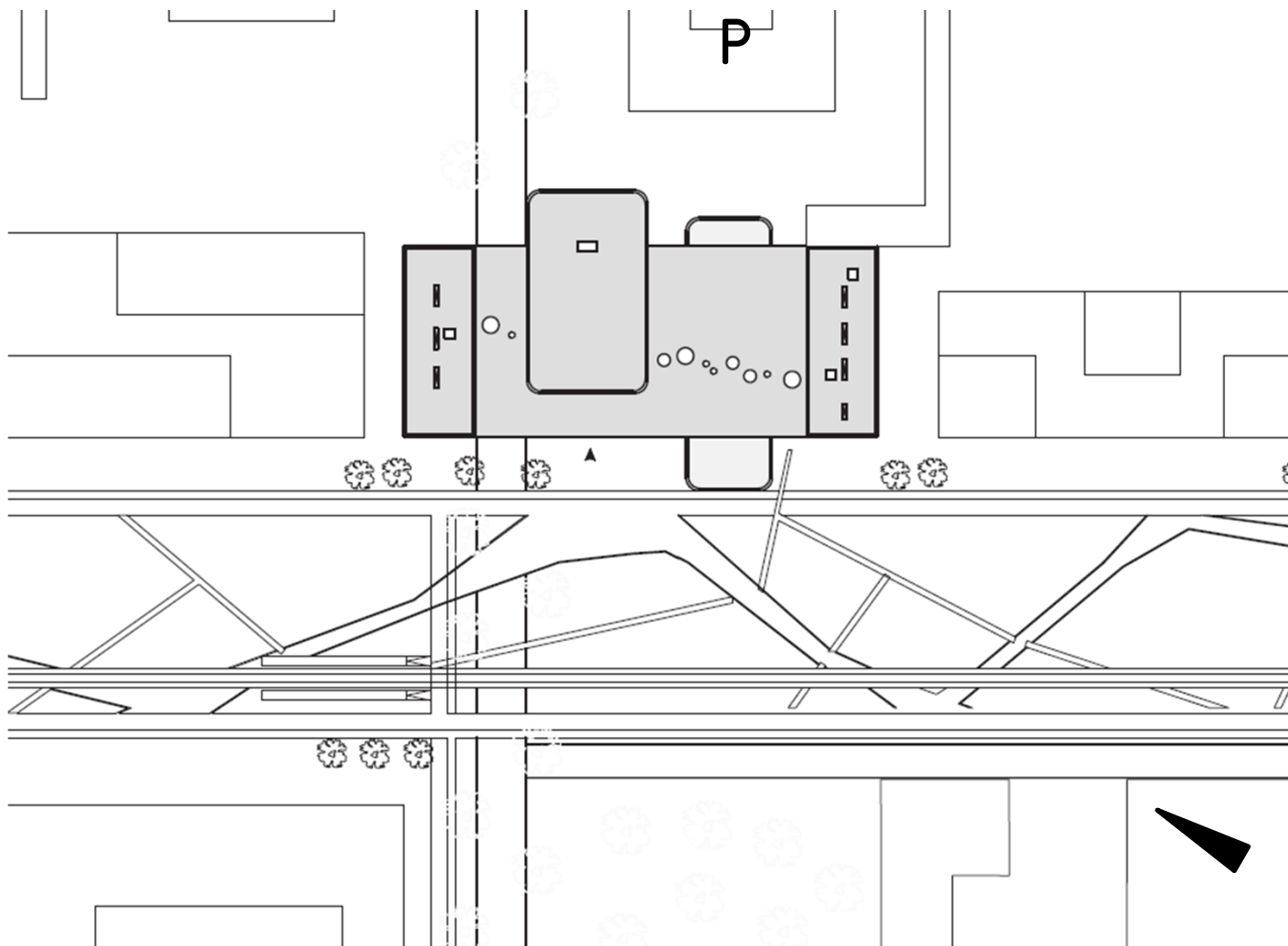




Ontmoeting in het hart

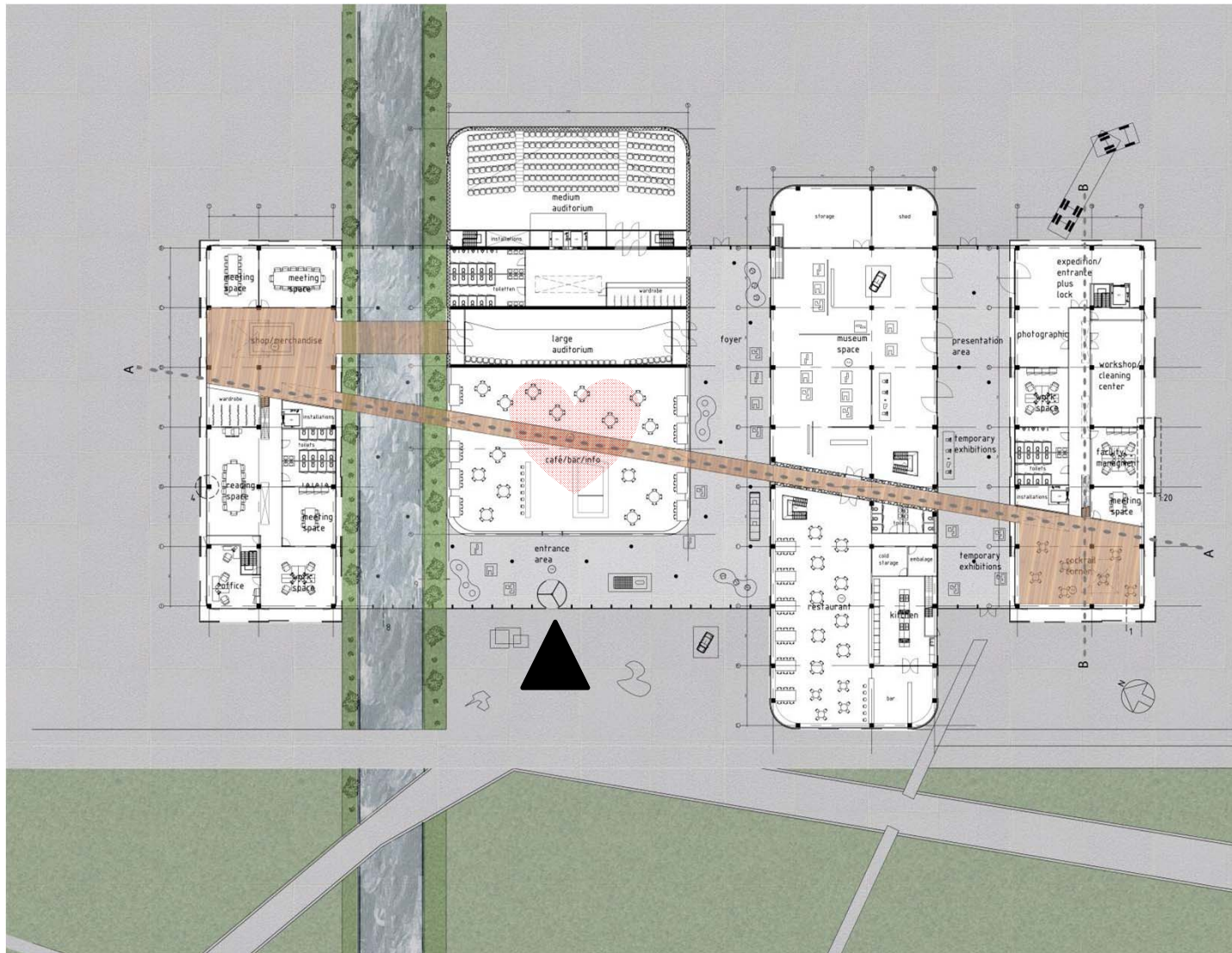






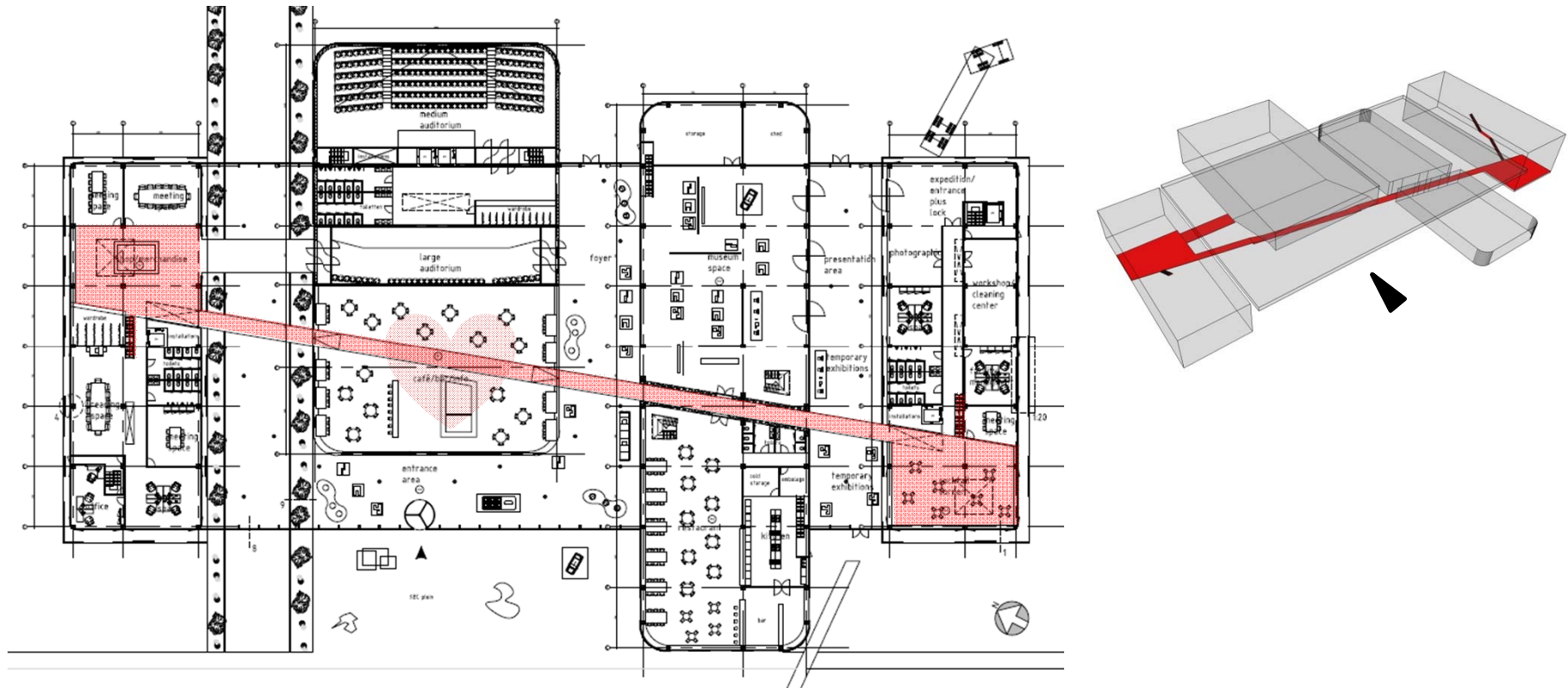






Science Business Center - plattegrond begane grond

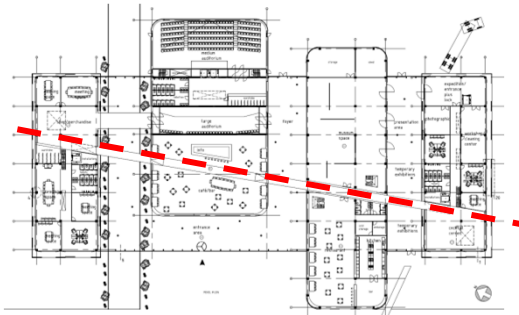




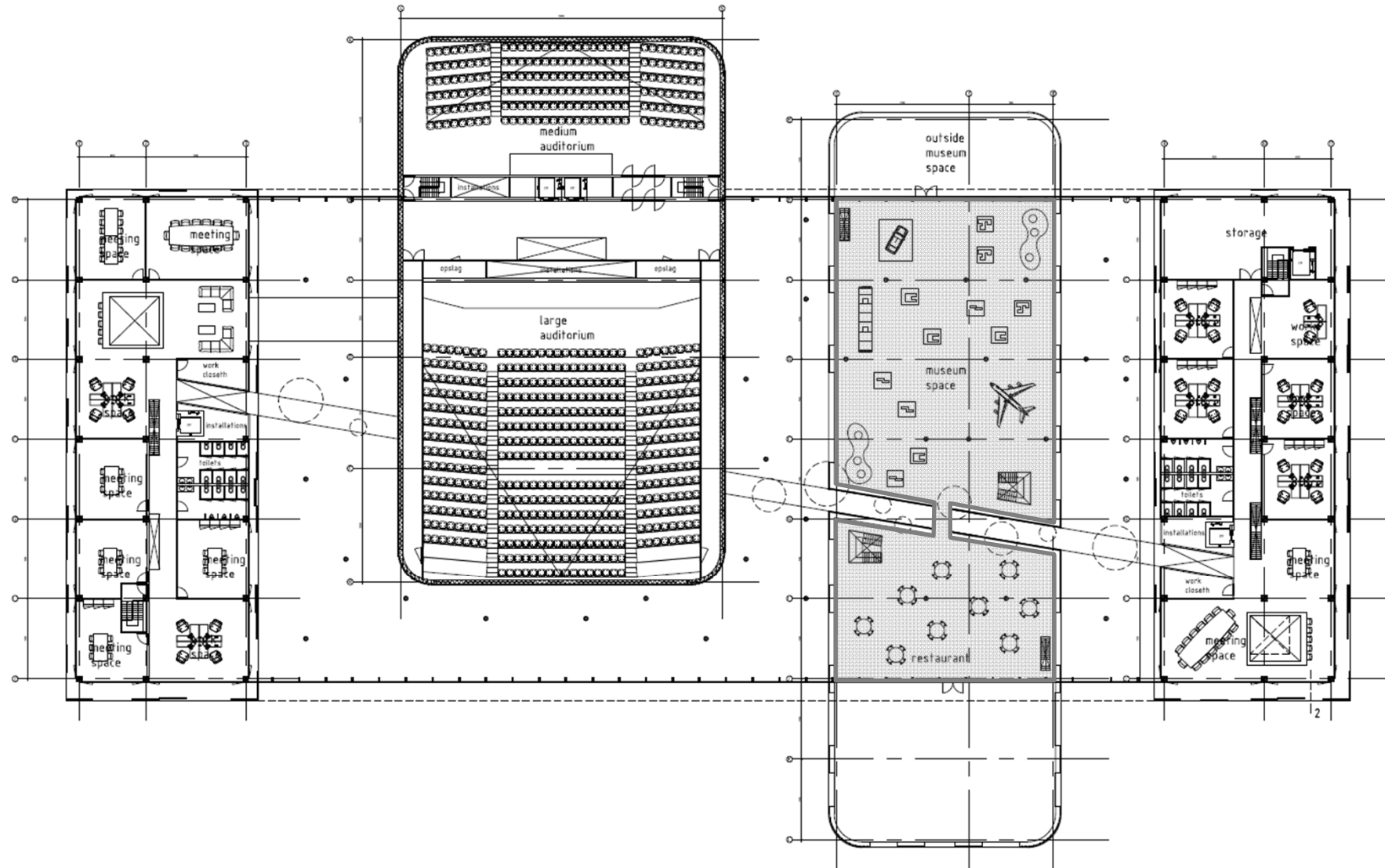
Verschillende "pleintjes" met een eigen ontmoetings indentiteit

Science Business Center - verbindende route

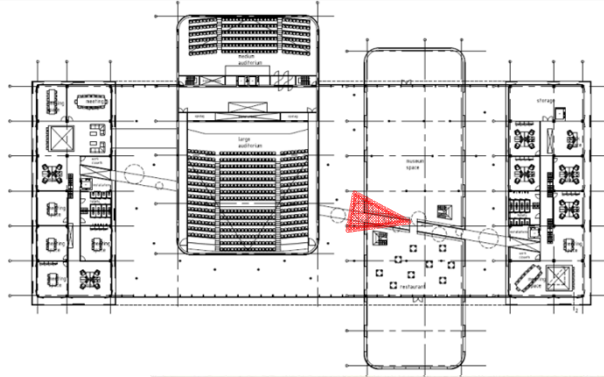


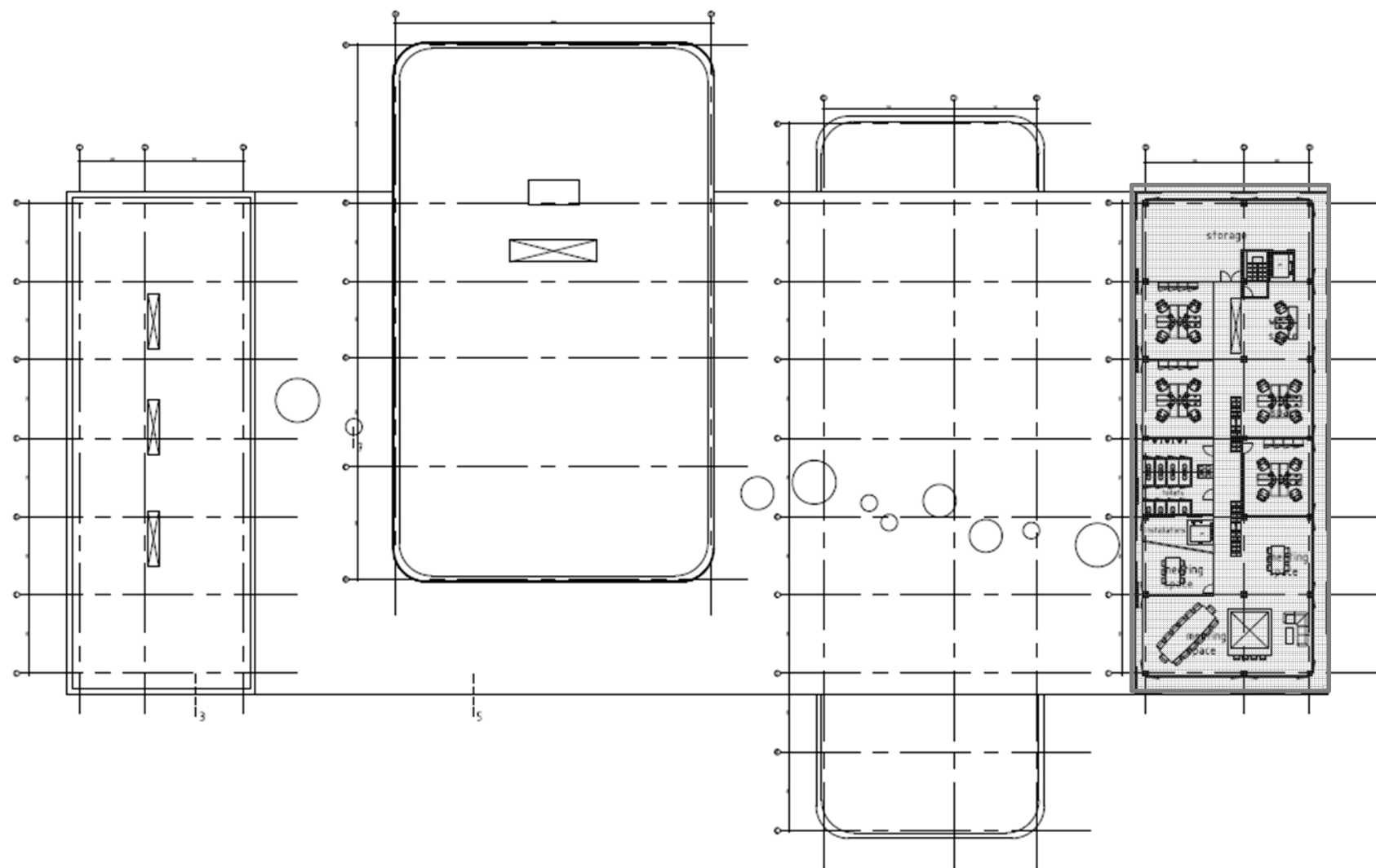


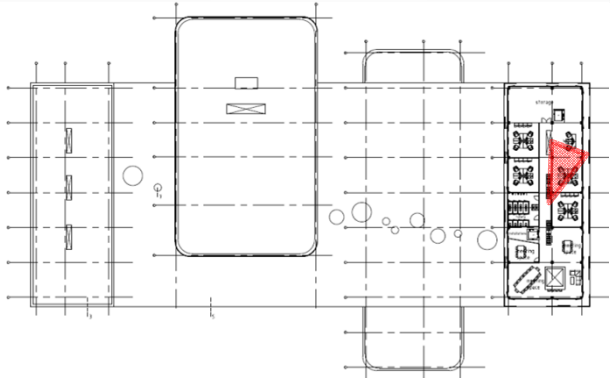
ontmoeting begint bij visuele relaties
Science Business Center - langs doorsnede



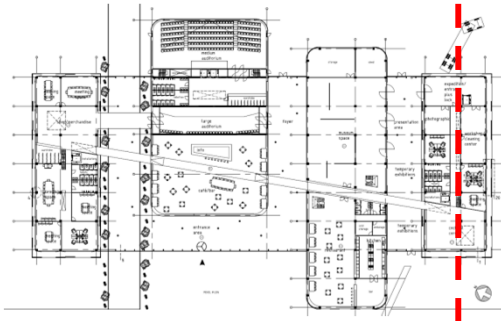
Science Business Center - plattegrond 1^{ste} verdieping







Science Business Center - impressie

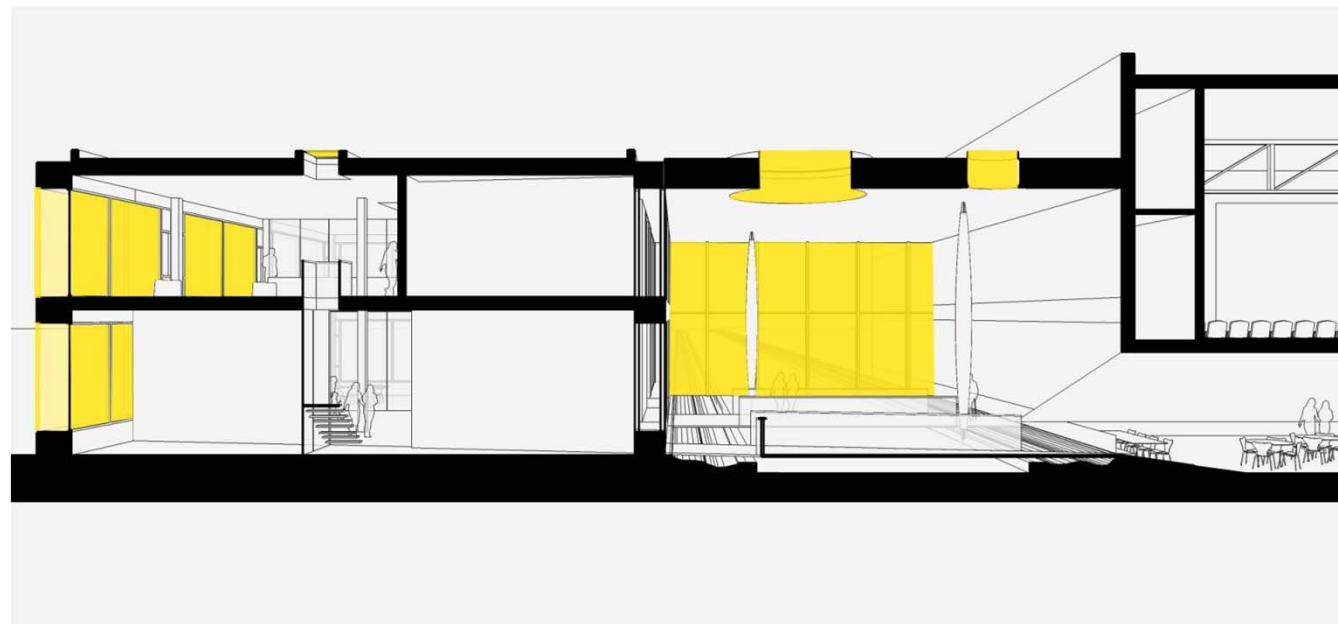
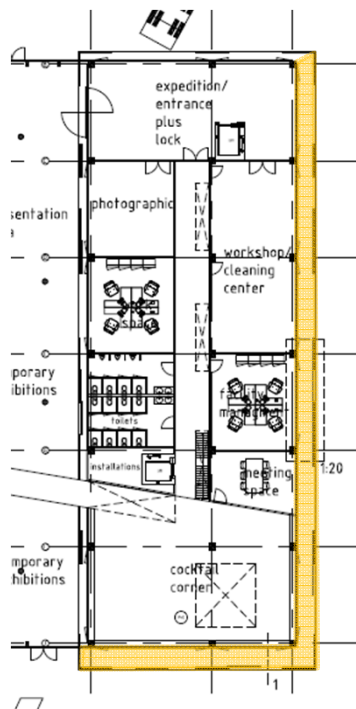


vides bevorderen ontmoeting en
zorgen ervoor dat daglicht tot diep
in het gebouw dringt

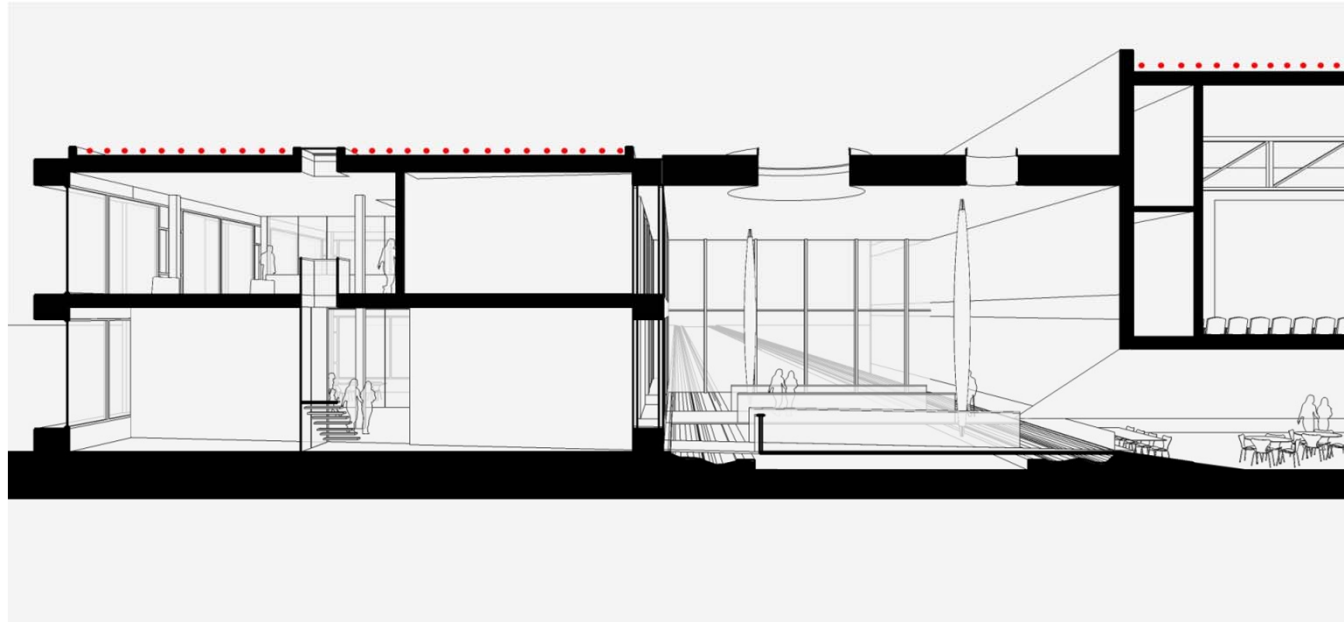


Science Business Center - dwars doorsnede

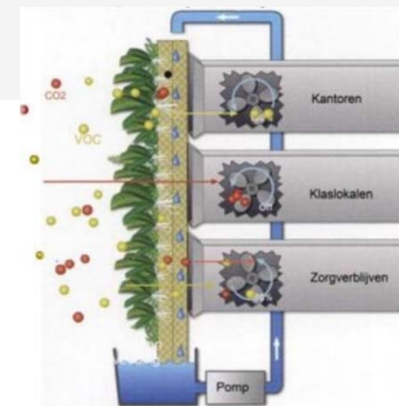
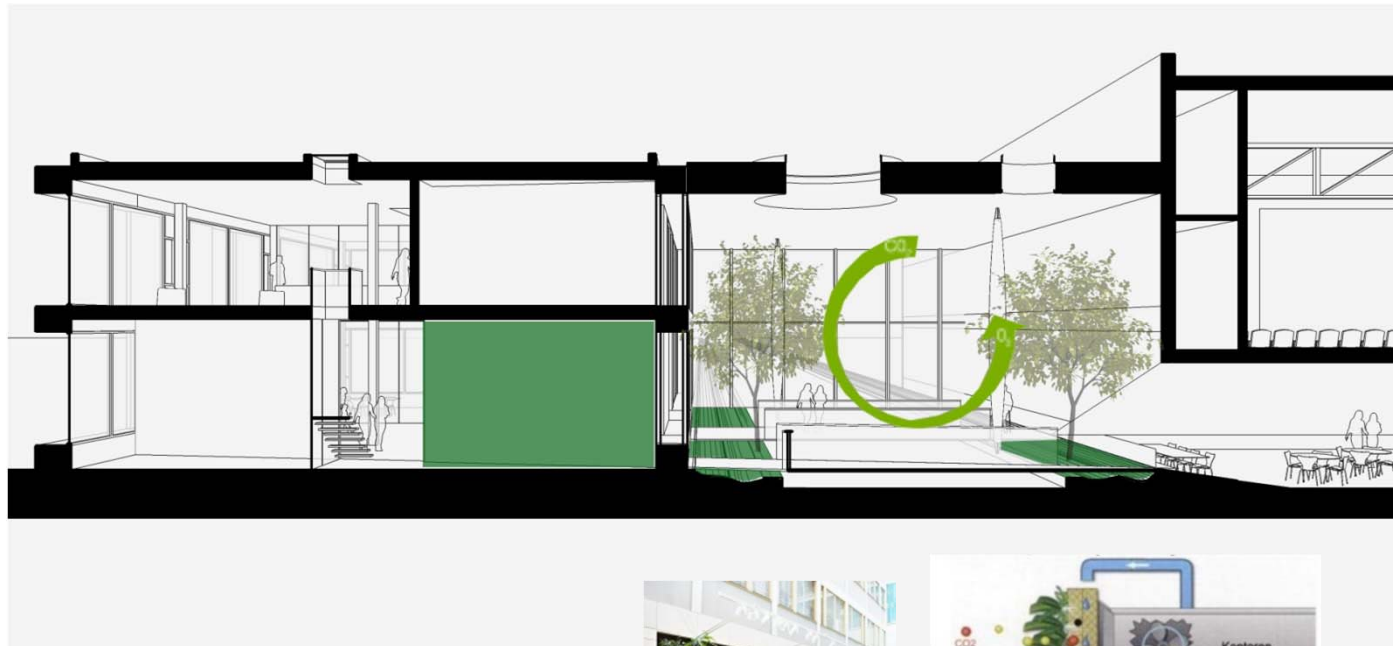
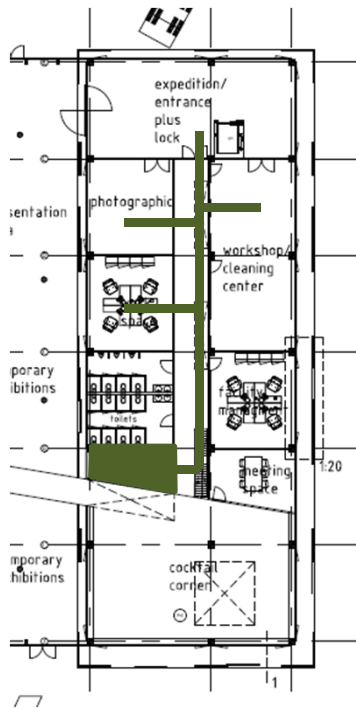
K l i m a a t



daglicht toetreding en zonwering

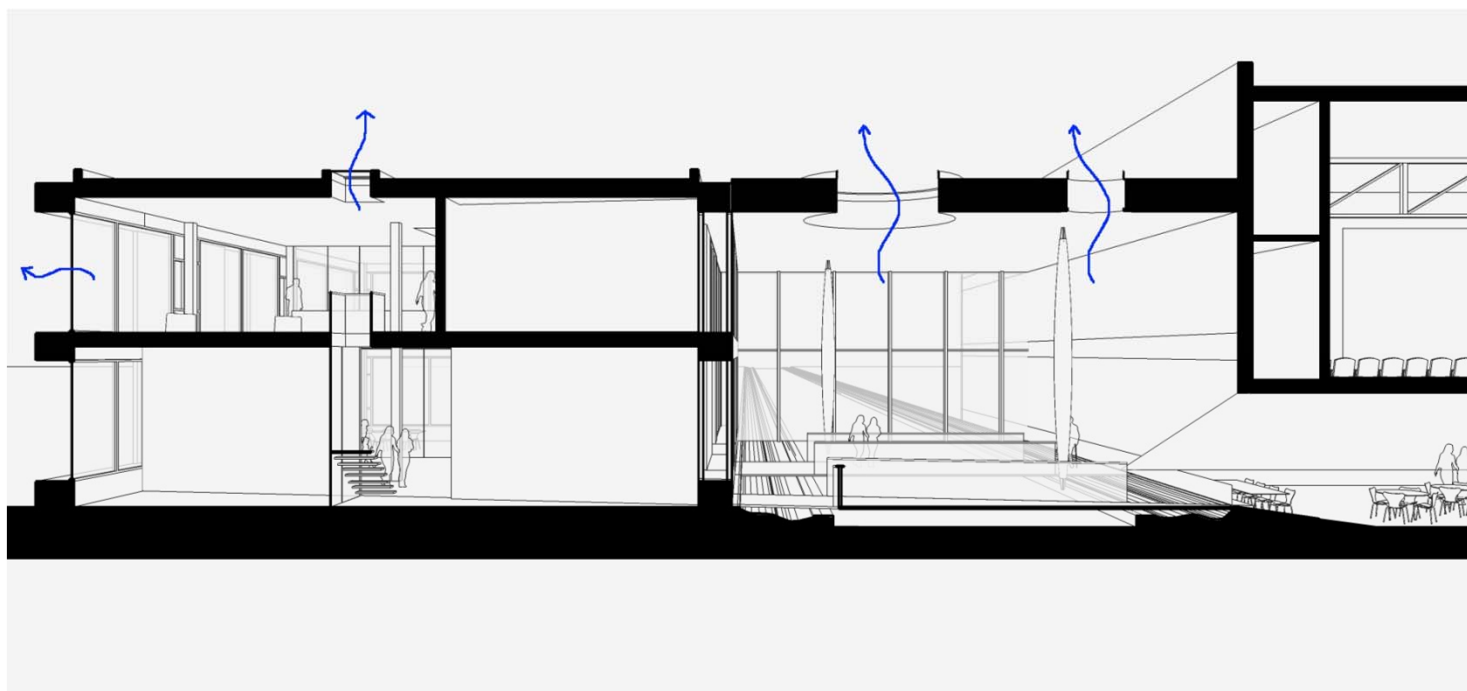


zonne-energie opwekking
dmv pv-tubes

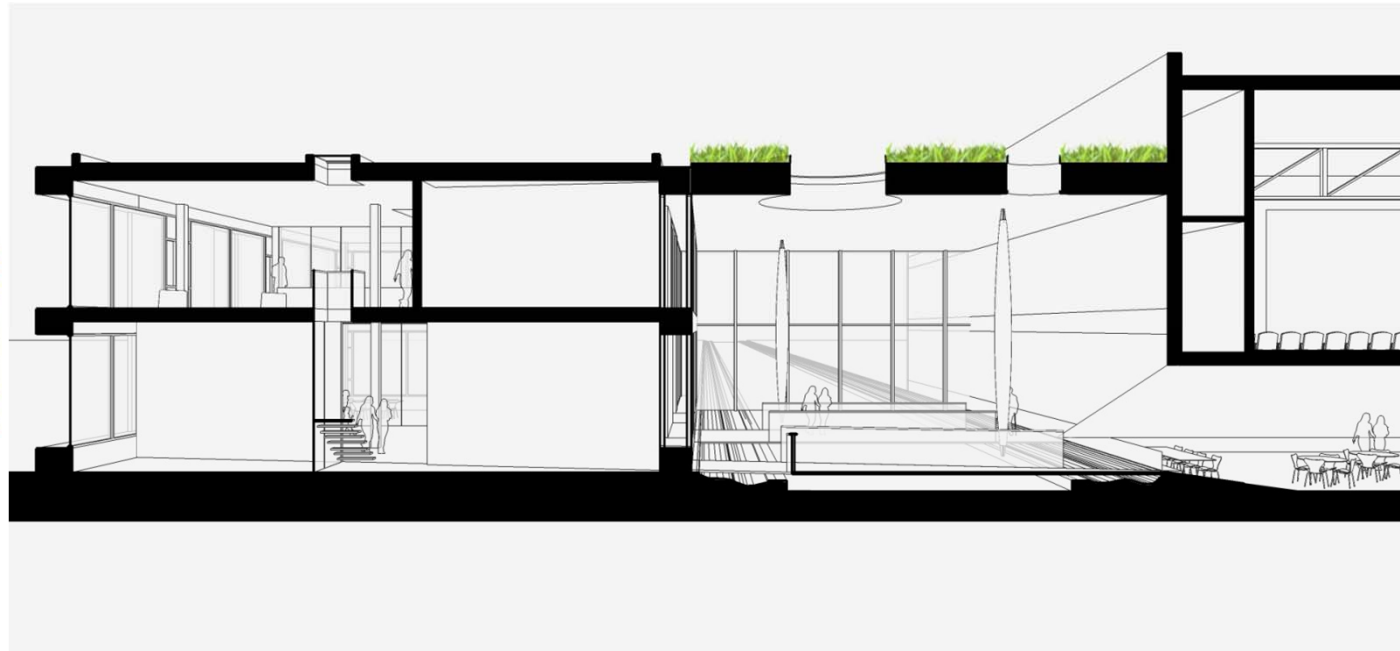


mechanische ventilatie

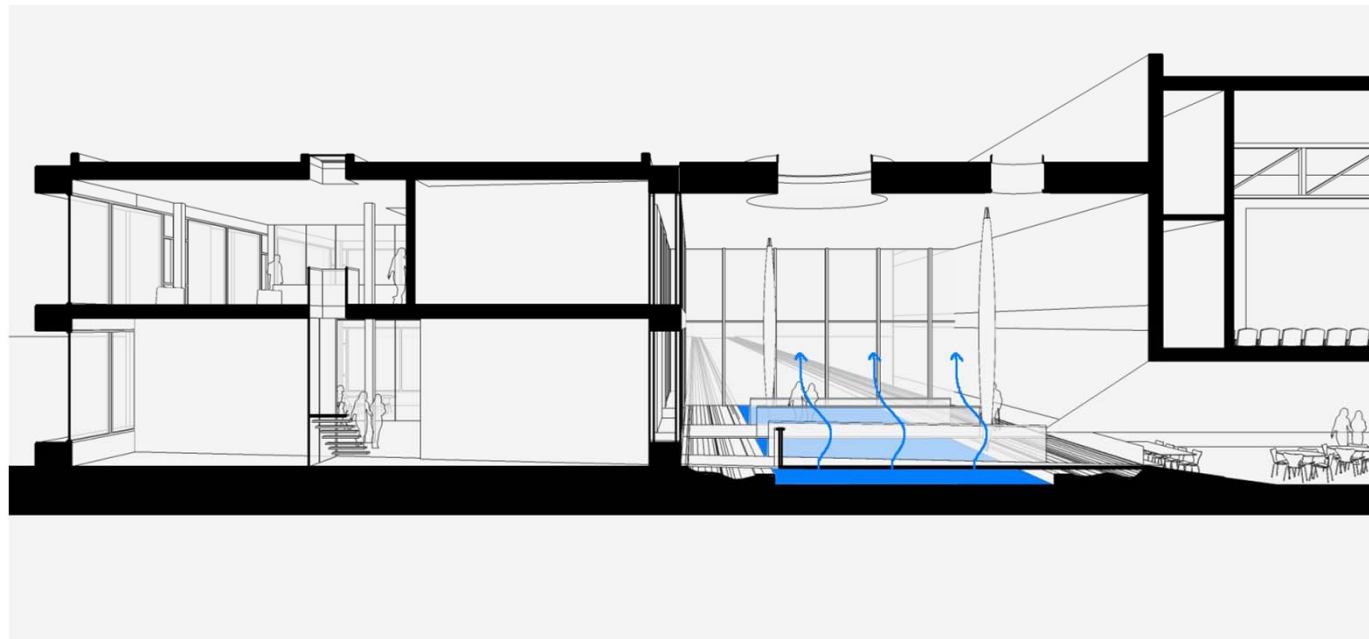
Science Business Center - klimaat concepten



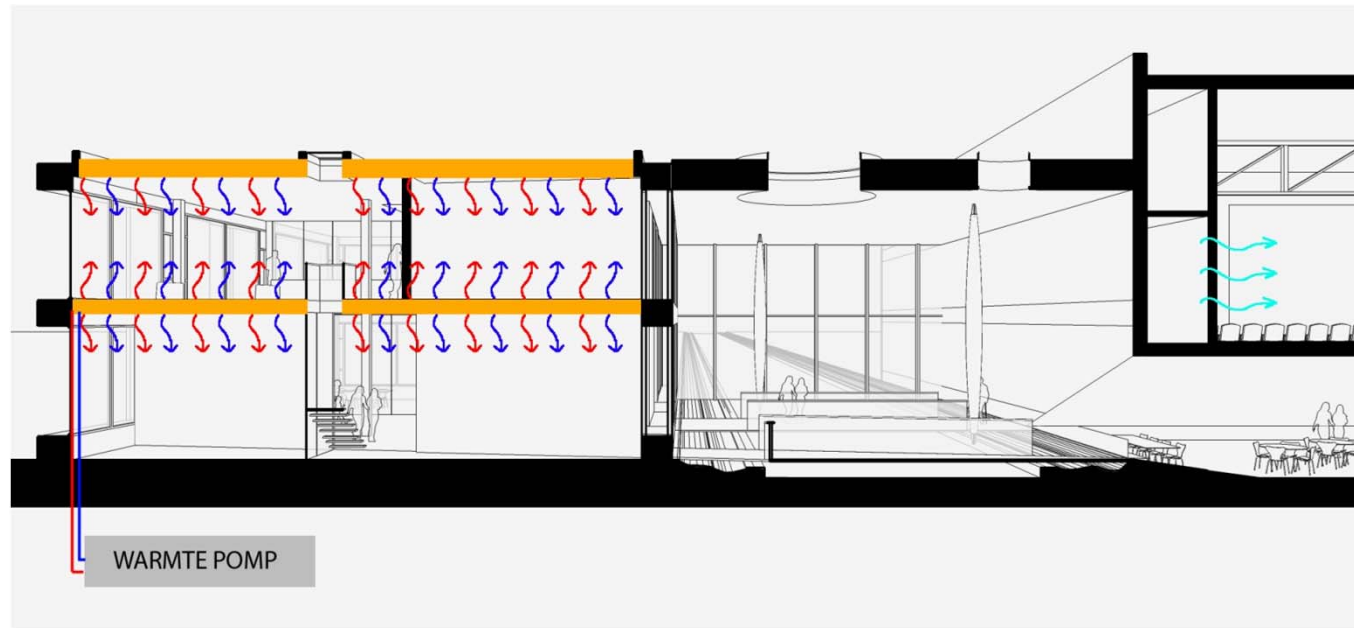
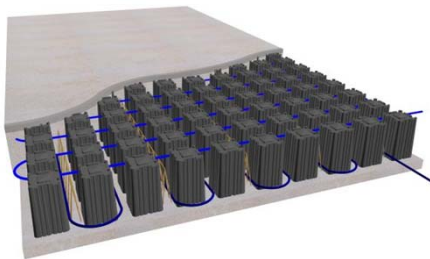
natuurlijke ventilatie



groen dak zorgt voor filtratie van water
en het werkt als buffer

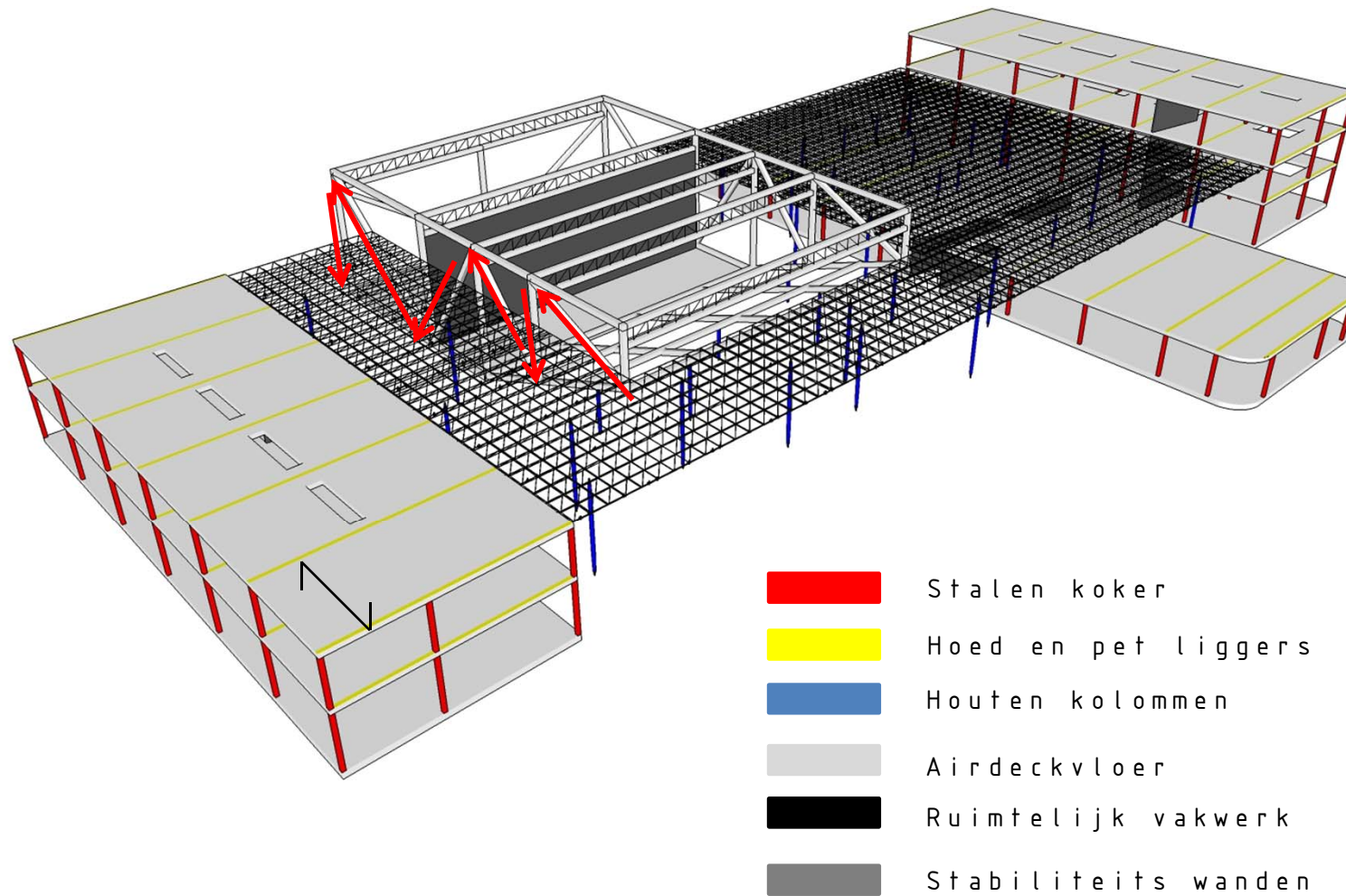


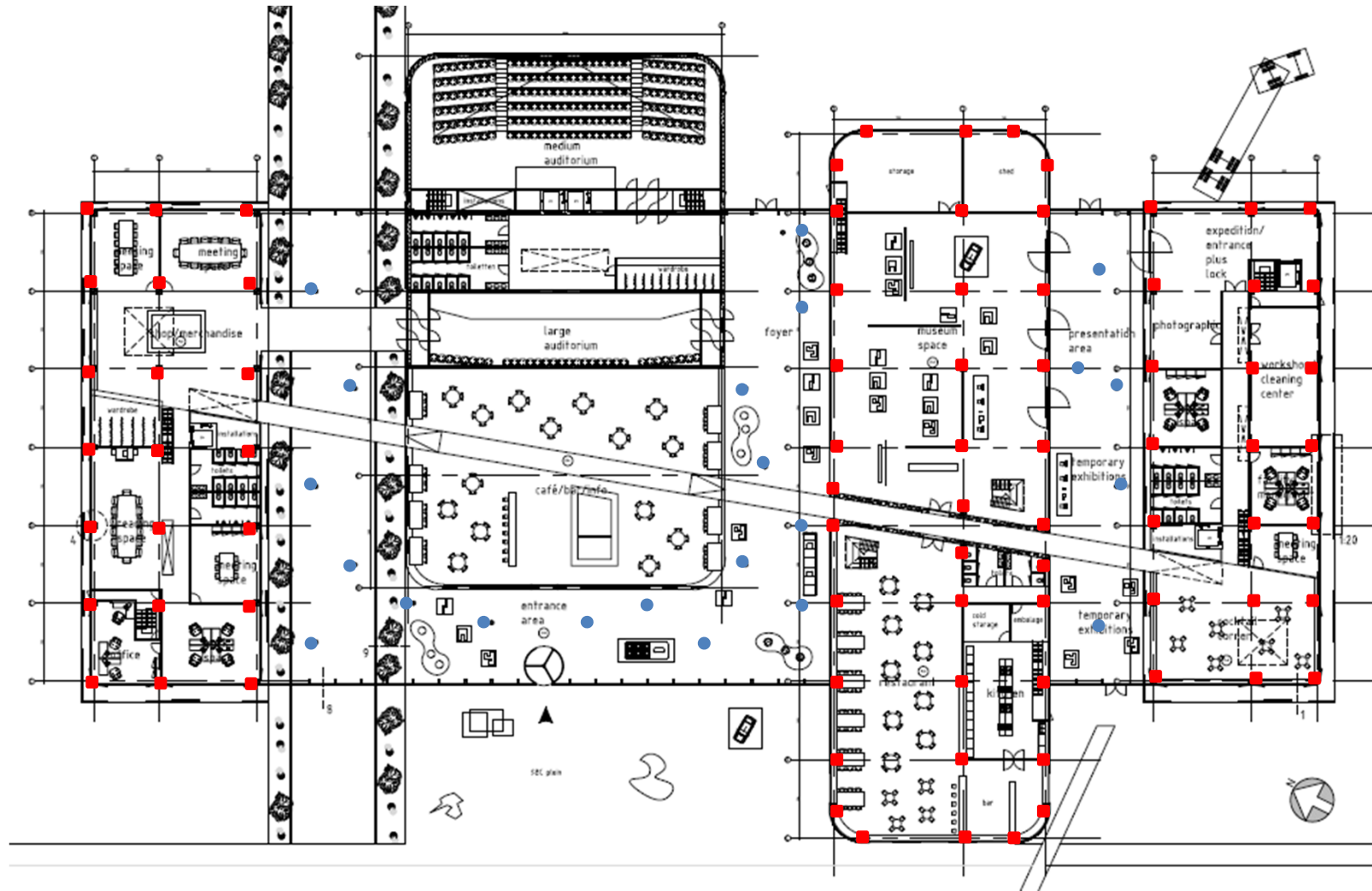
Thijsenvaart zorgt voor
koeling dmv verdamping

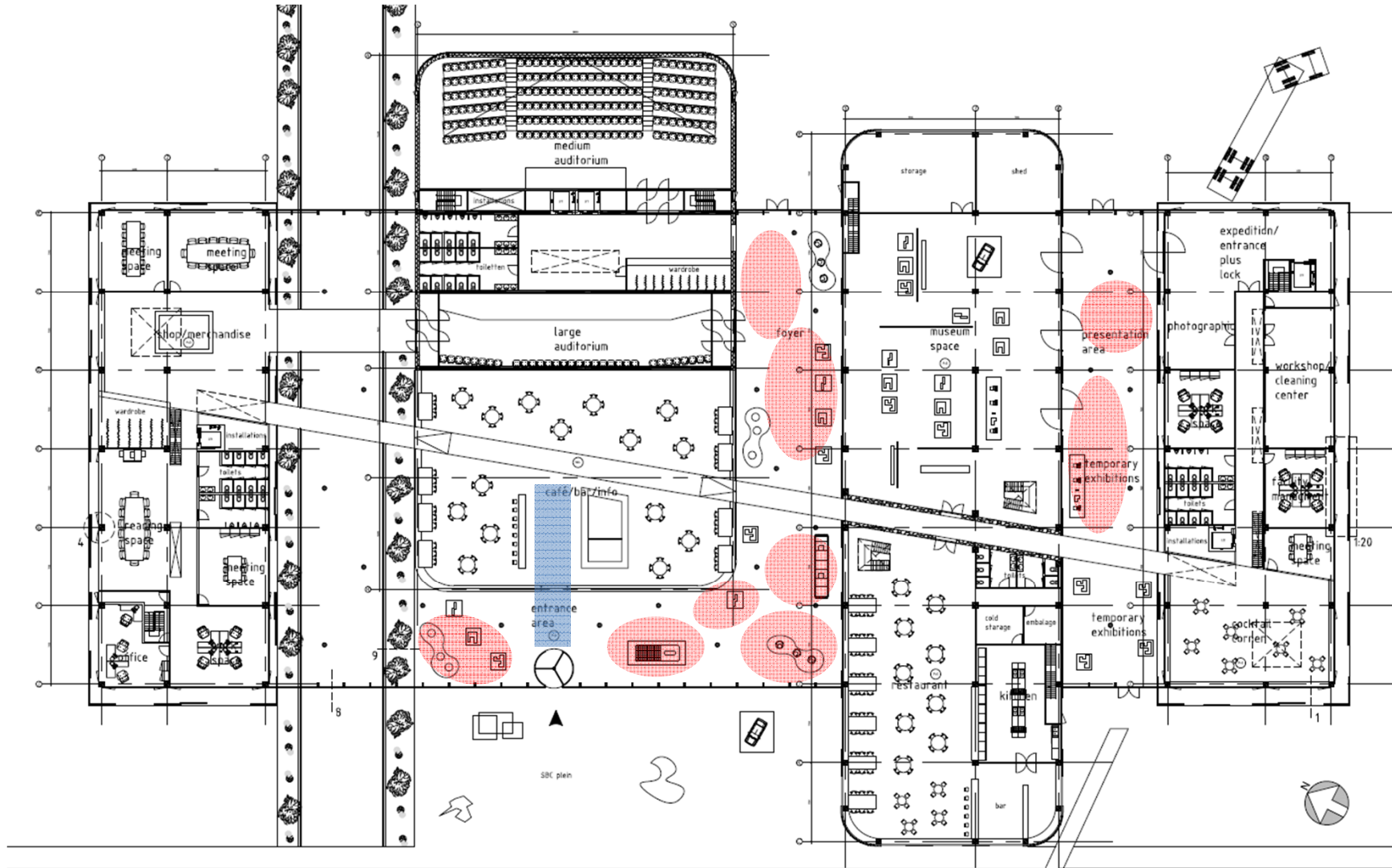


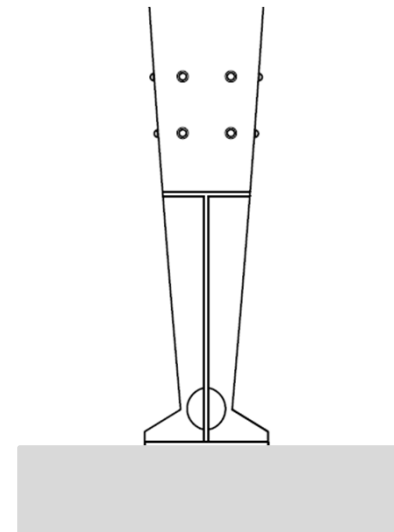
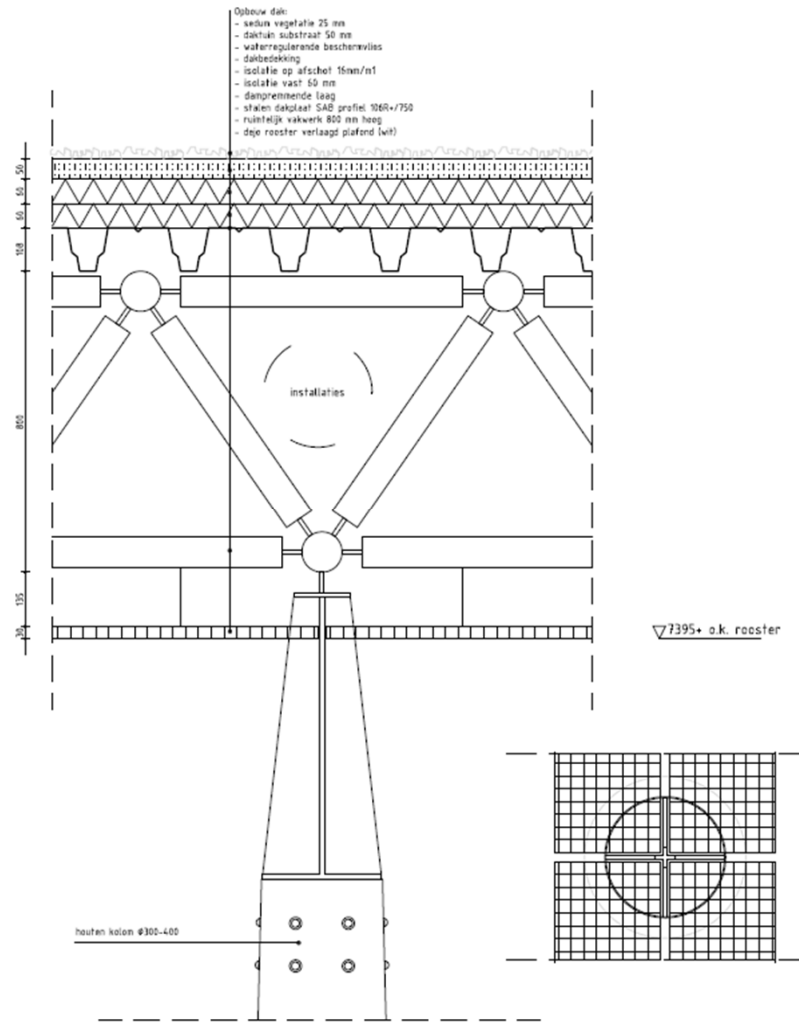
het hele gebouw is voorzien van
betonkernactivering met uitzondering van het
auditorium. deze is voorzien van luchtbehandeling

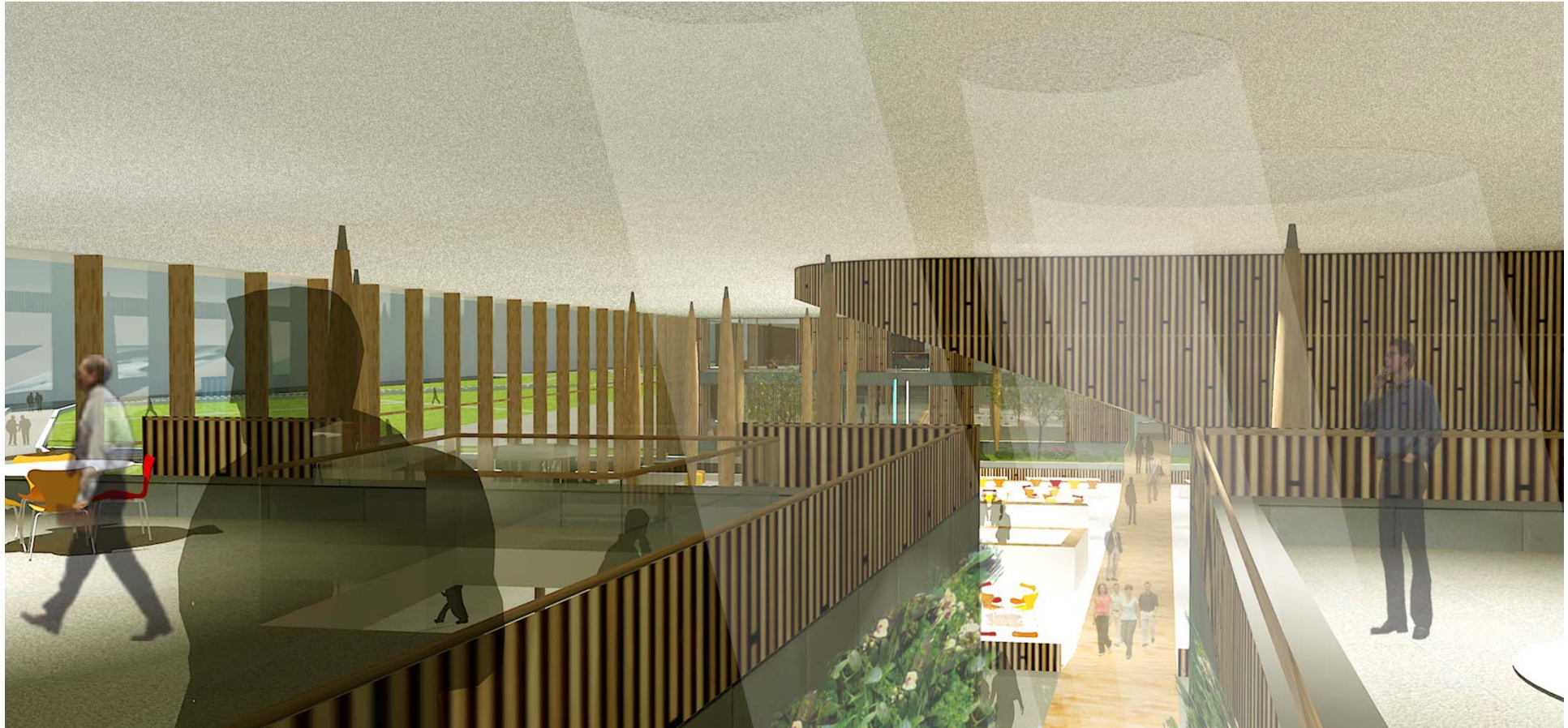
C o n s t r u c t i e

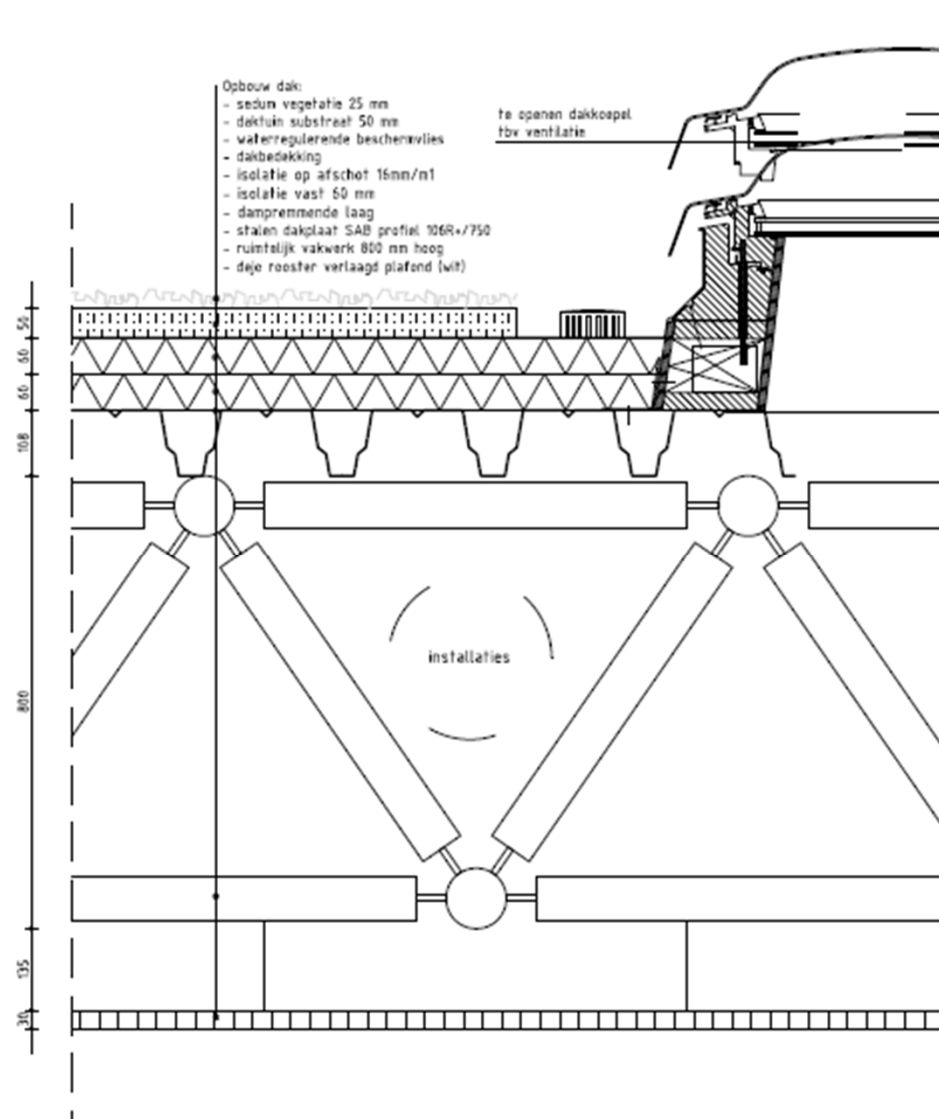
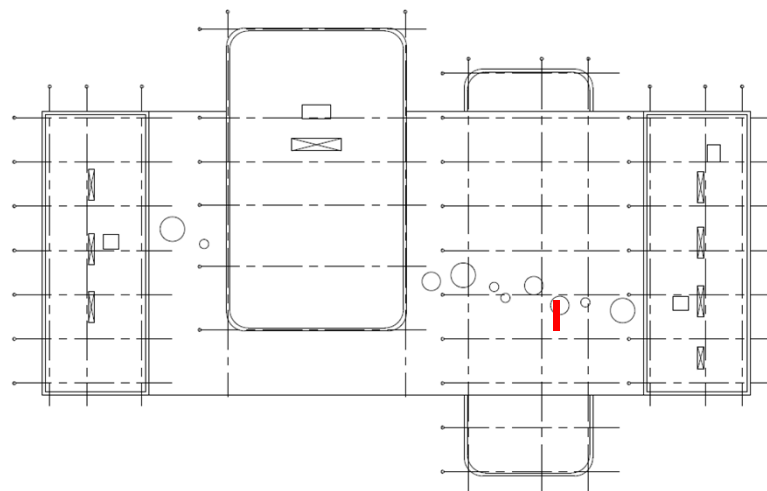




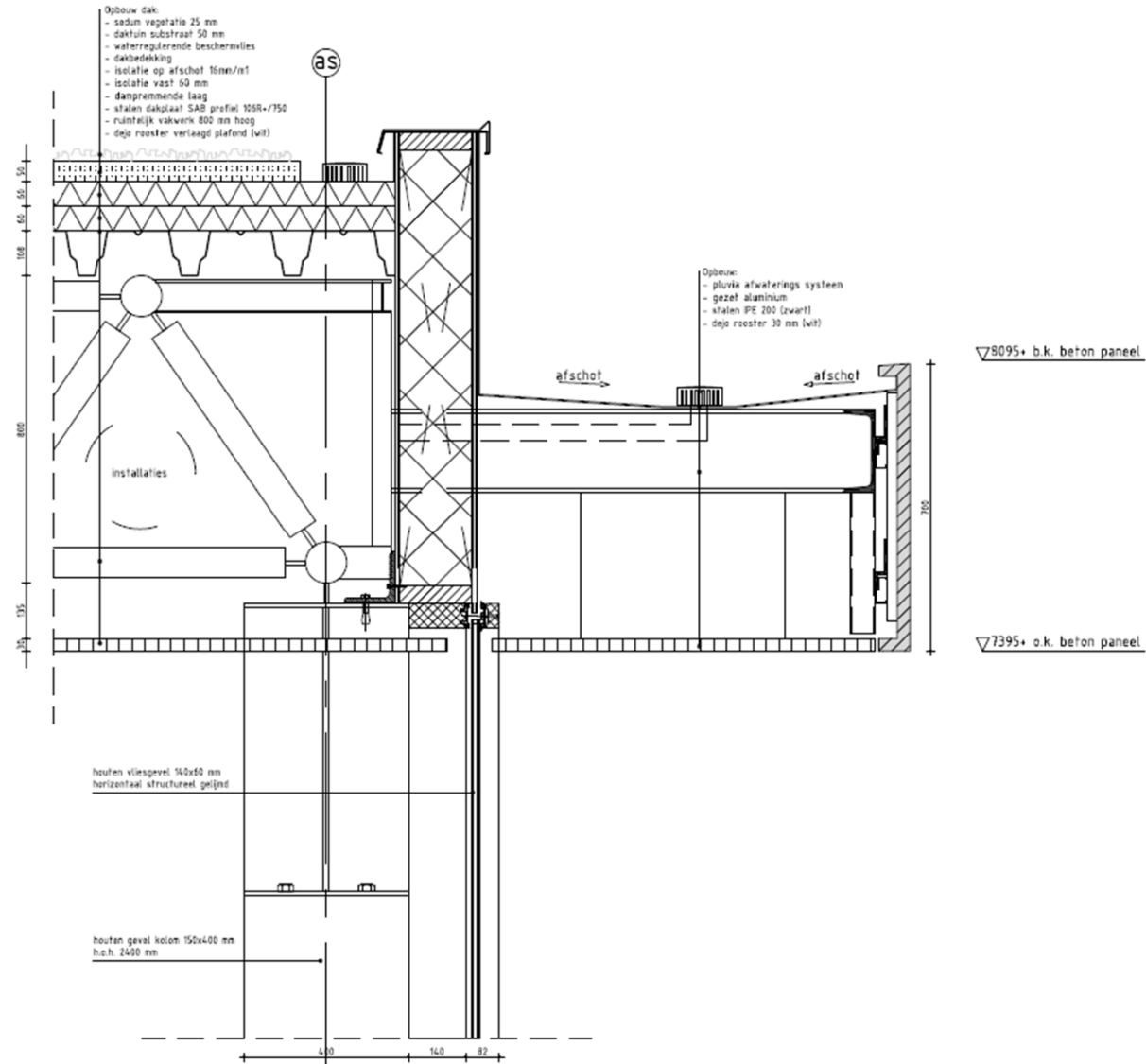






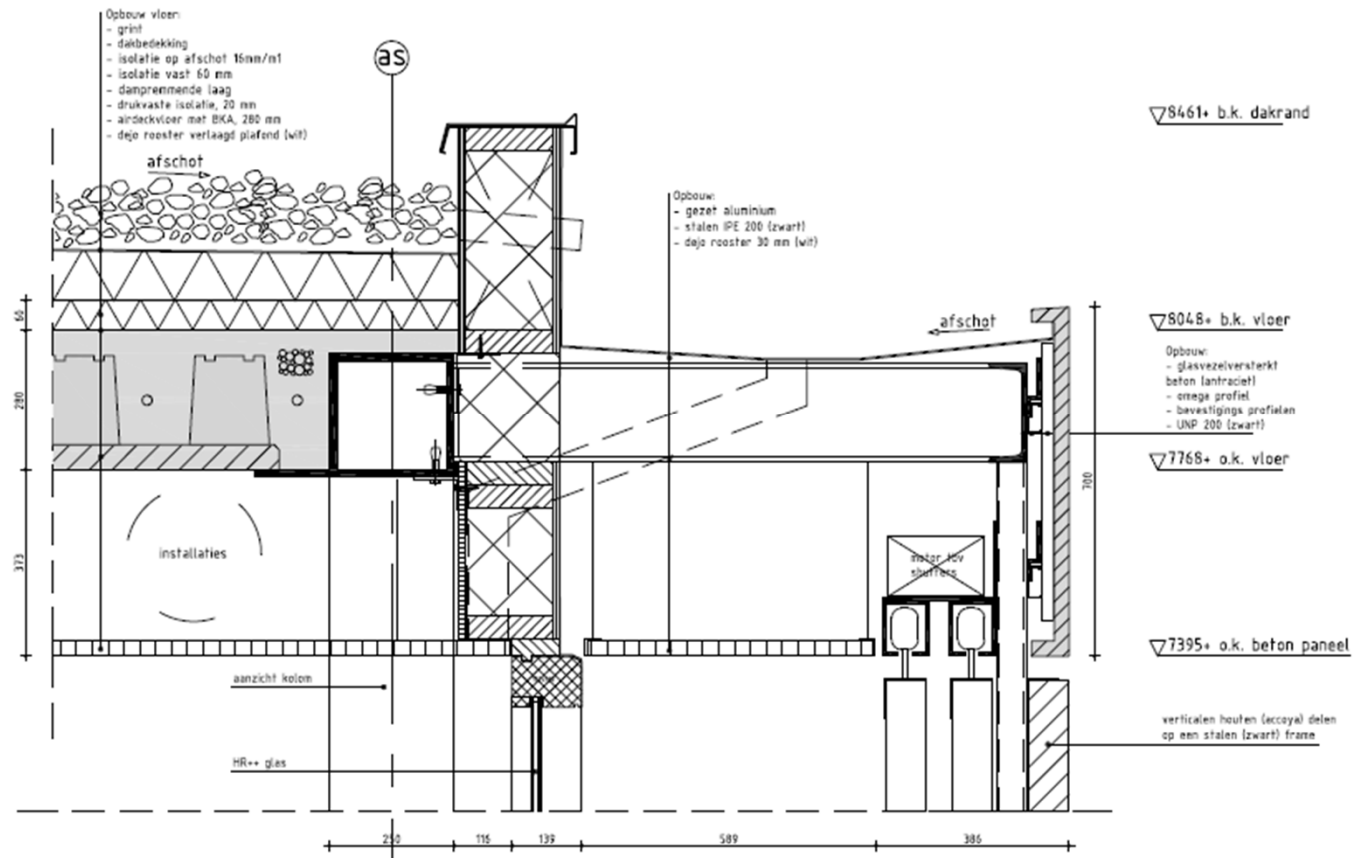


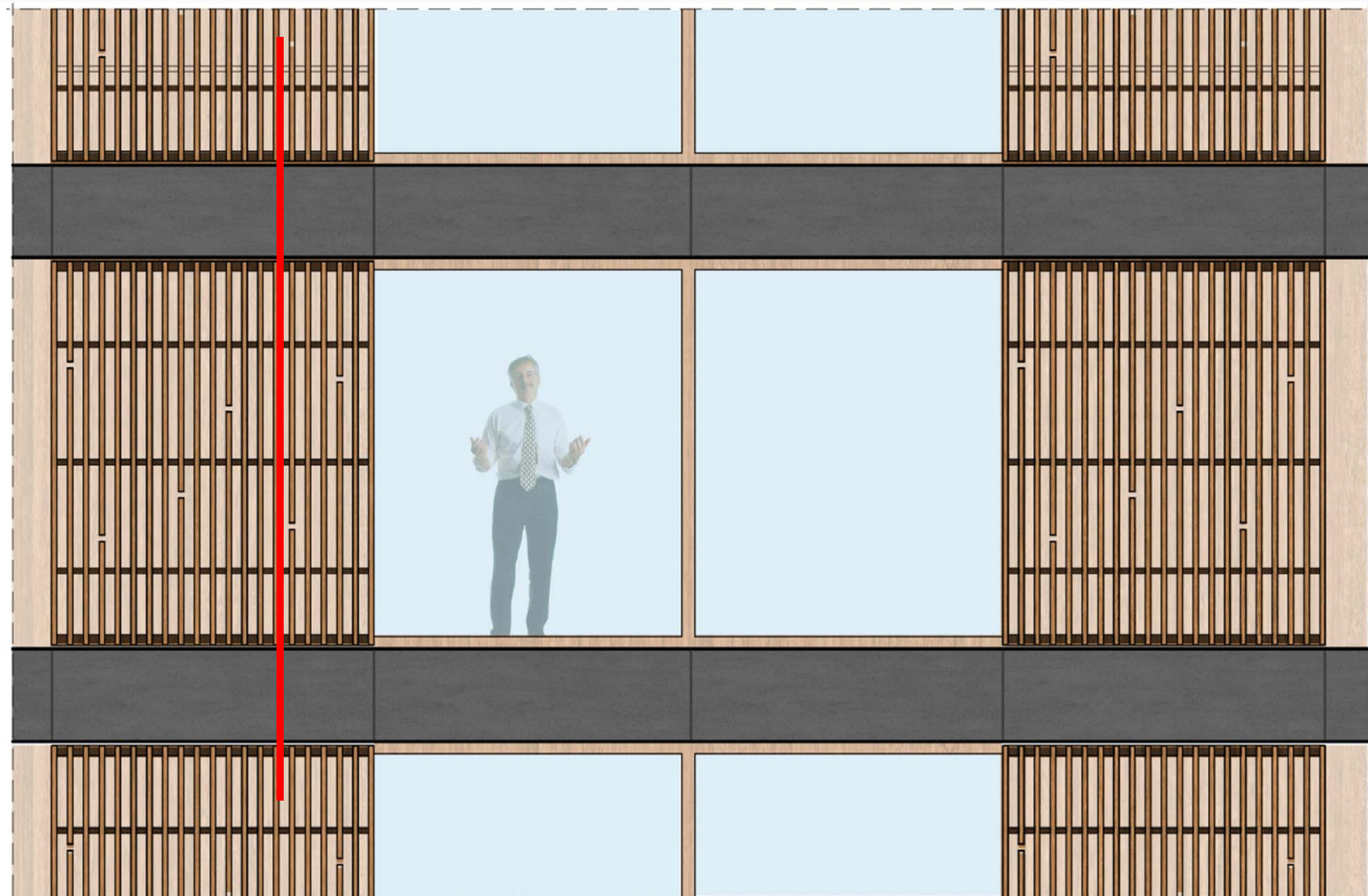




Science Business Center - dakrand detail

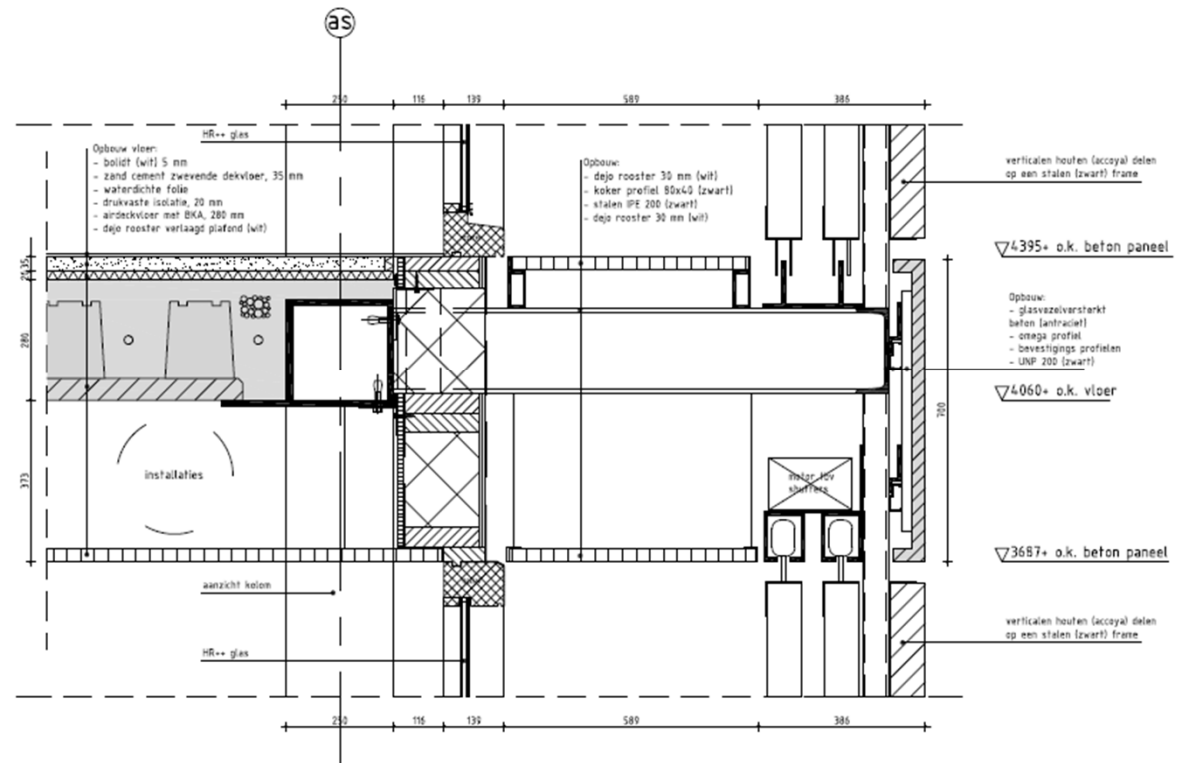
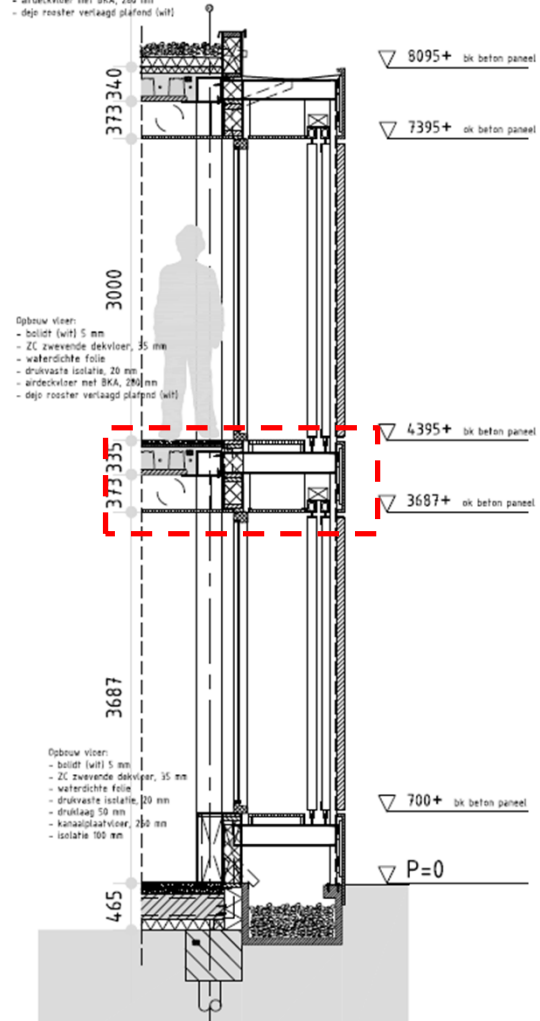






Science Business Center - gevel fragment

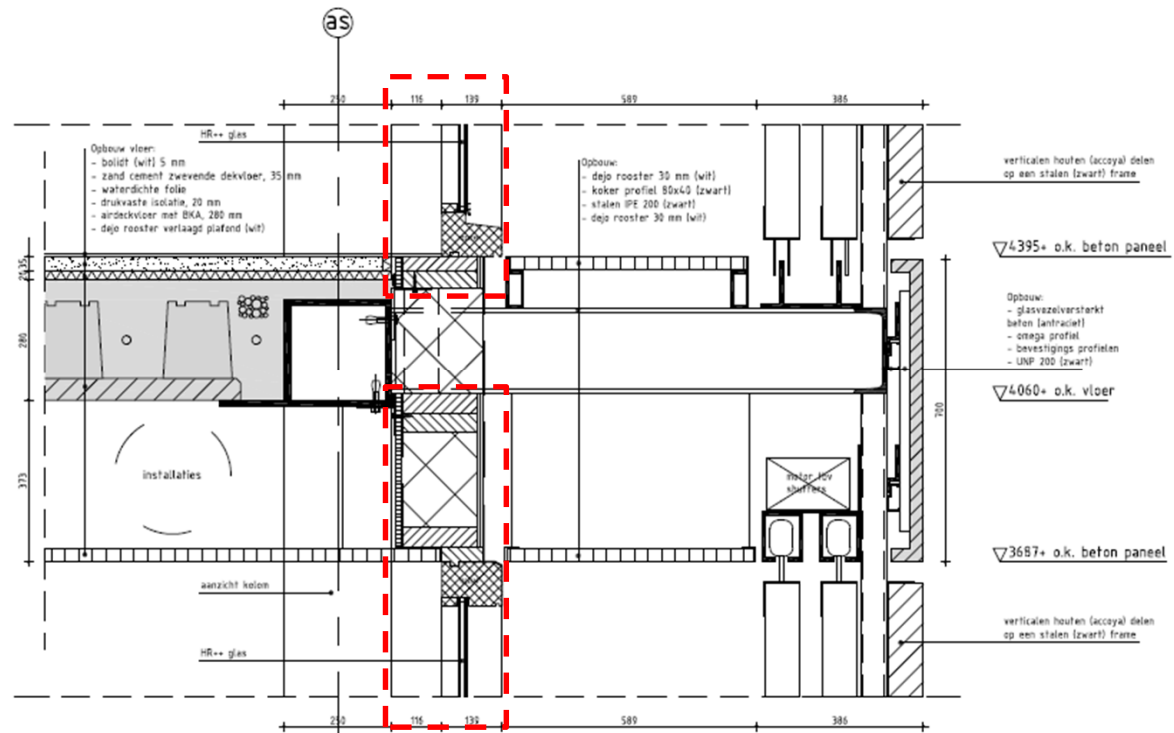
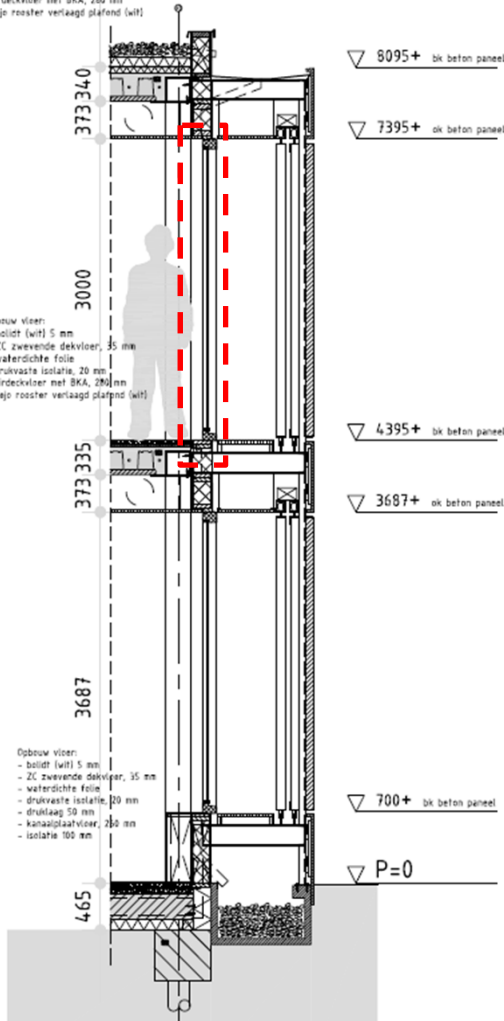
- Opbouw vloer
- grint
 - dakbedekking
 - isolatie op afschiet 16mm/m!
 - isolatie vast 60 mm
 - dampremmende laag
 - drukvaste isolatie, 20 mm
 - airdekvloer met BKA, 280 mm
 - dejs rooster verlaagd plafond (wit)



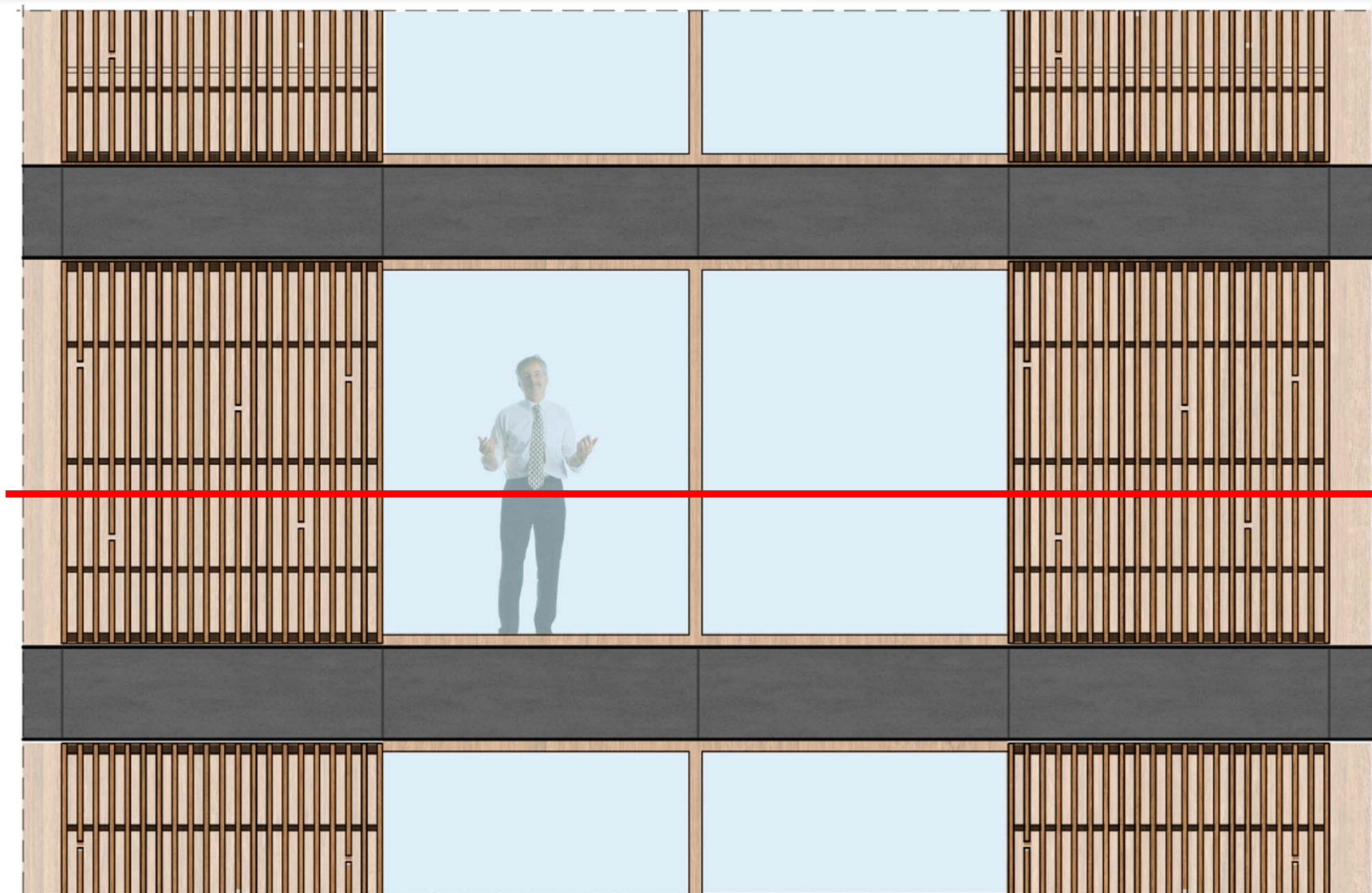
- Opbouw vloer
- grind
 - dakbedekking
 - isolatie op afschet 16mm/m
 - isolatie vast 60 mm
 - dakpenetrerende laag
 - drukvaste isolatie, 20 mm
 - airdekvloer met BKA, 280 mm
 - dejs rooster verlaagd plafond (wit)

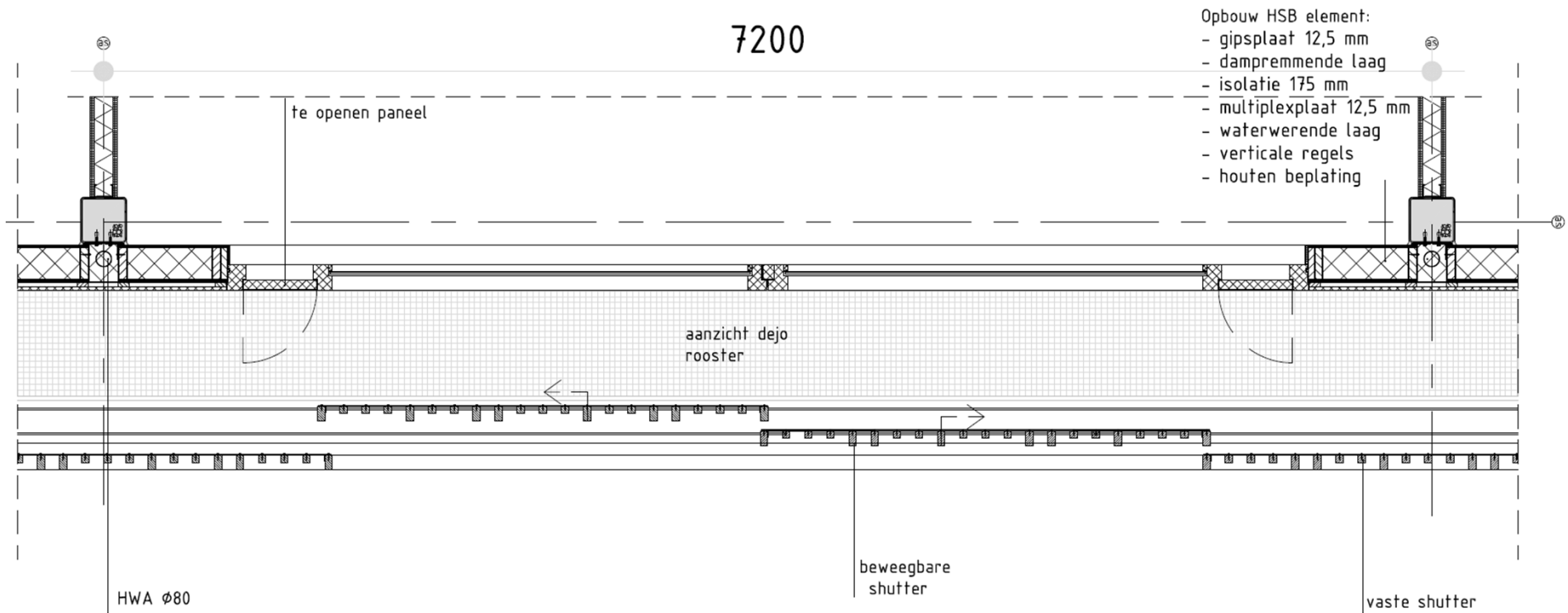
- Opbouw vloer
- boltdt (wit) 5 mm
 - ZC zwevende dekvloer, 35 mm
 - waterdichte folie
 - drukvaste isolatie, 20 mm
 - airdekvloer met BKA, 280 mm
 - dejs rooster verlaagd plafond (wit)

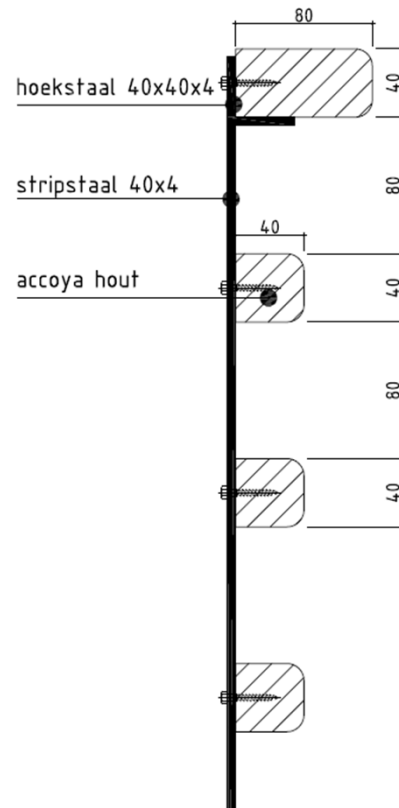
- Opbouw vloer
- boltdt (wit) 5 mm
 - ZC zwevende dekvloer, 35 mm
 - waterdichte folie
 - drukvaste isolatie, 20 mm
 - druklaag 50 mm
 - kanaalplaatvloer, 280 mm
 - isolatie 100 mm







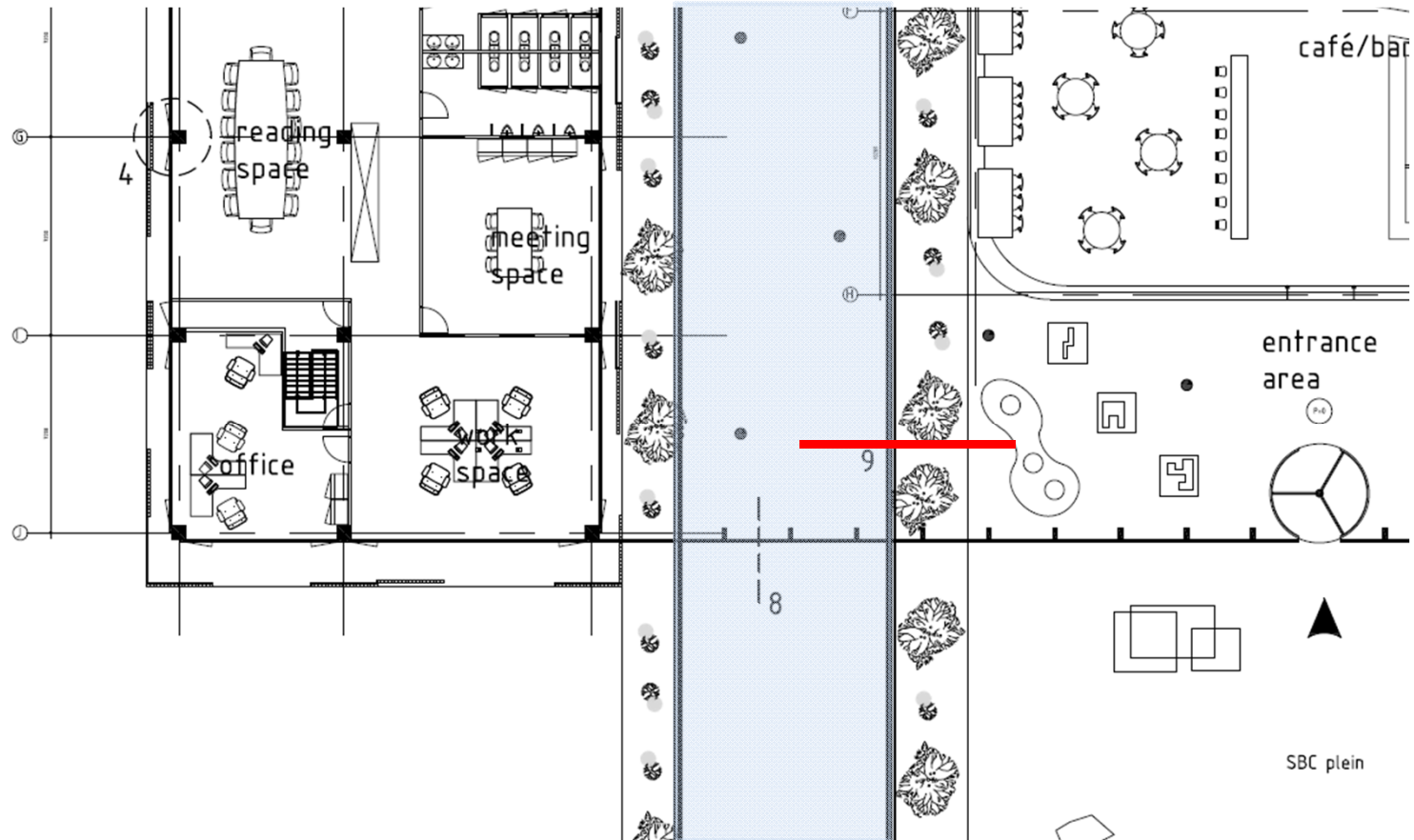


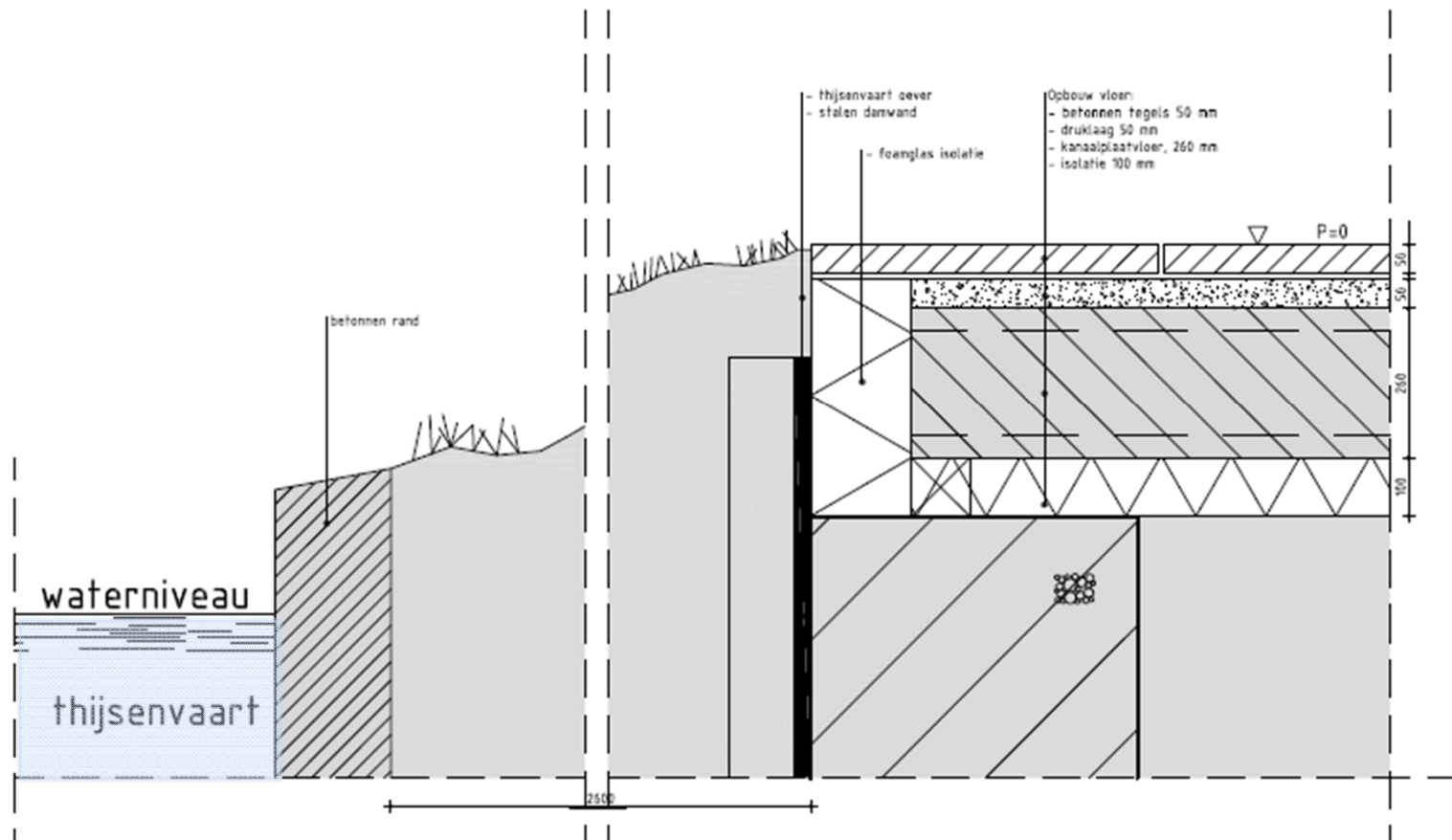


Daniel Bonilla - Bogota Colombia

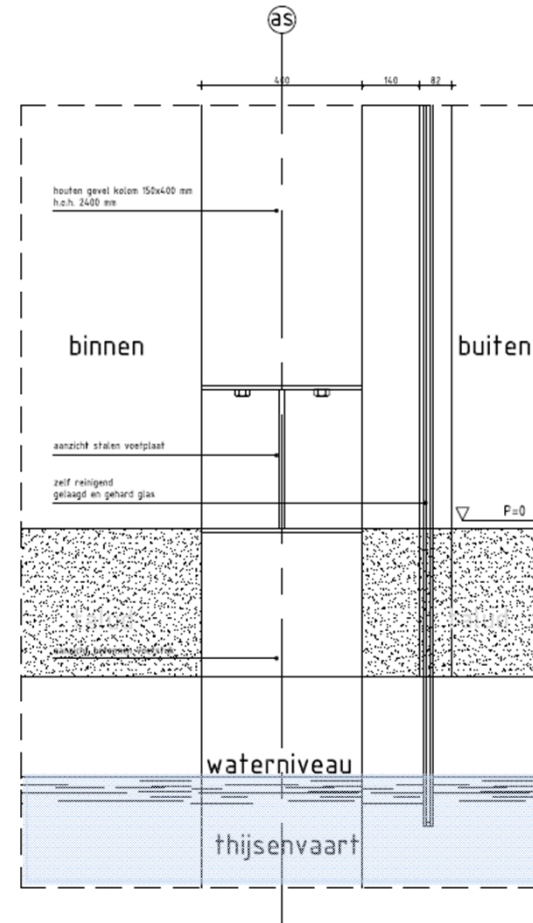
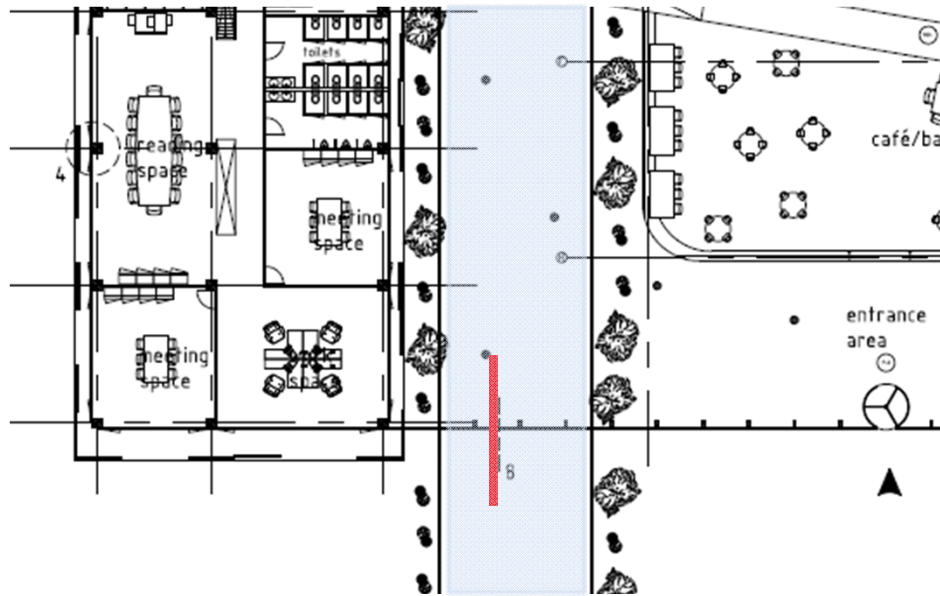


Science Business Center - binnenstad Delft









Impressies





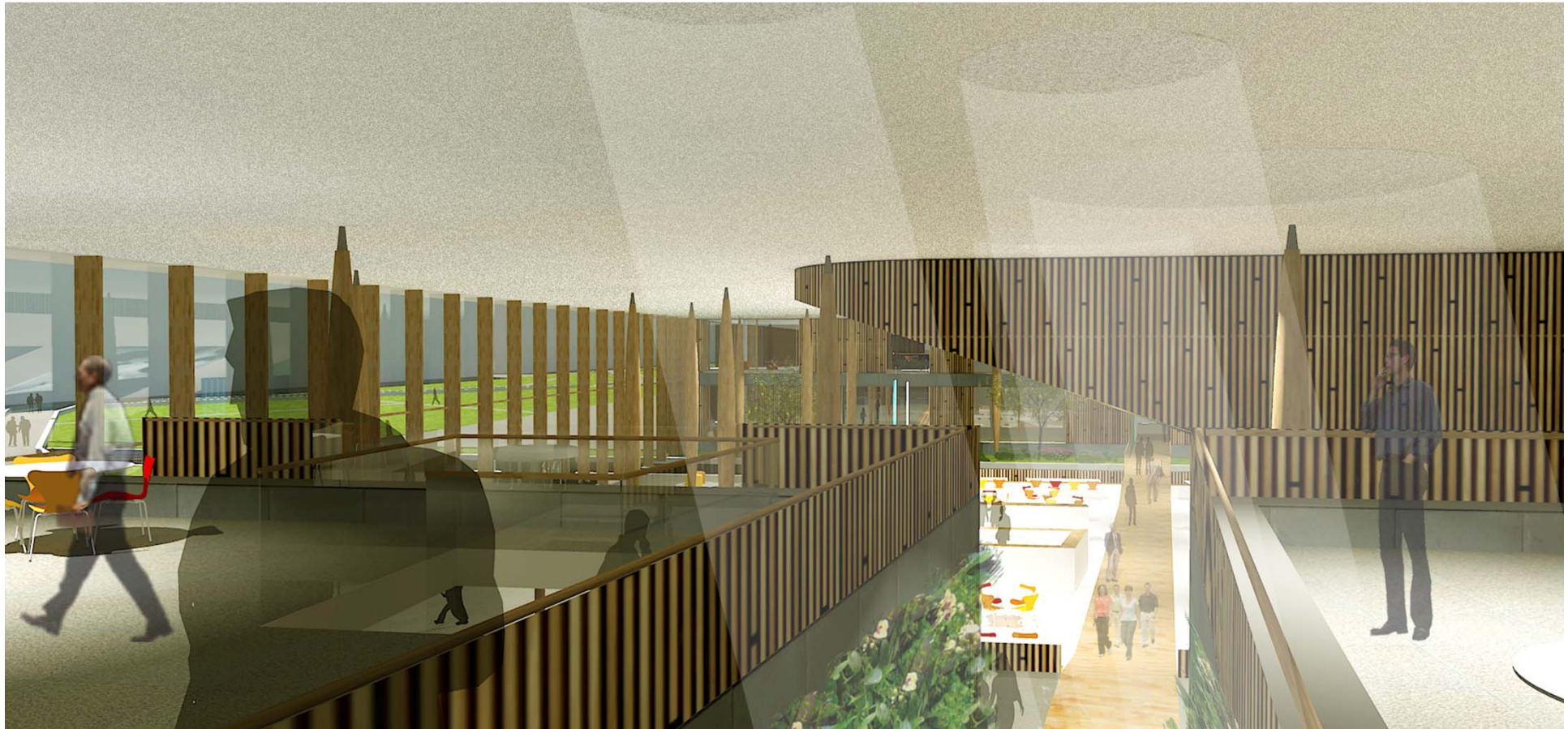






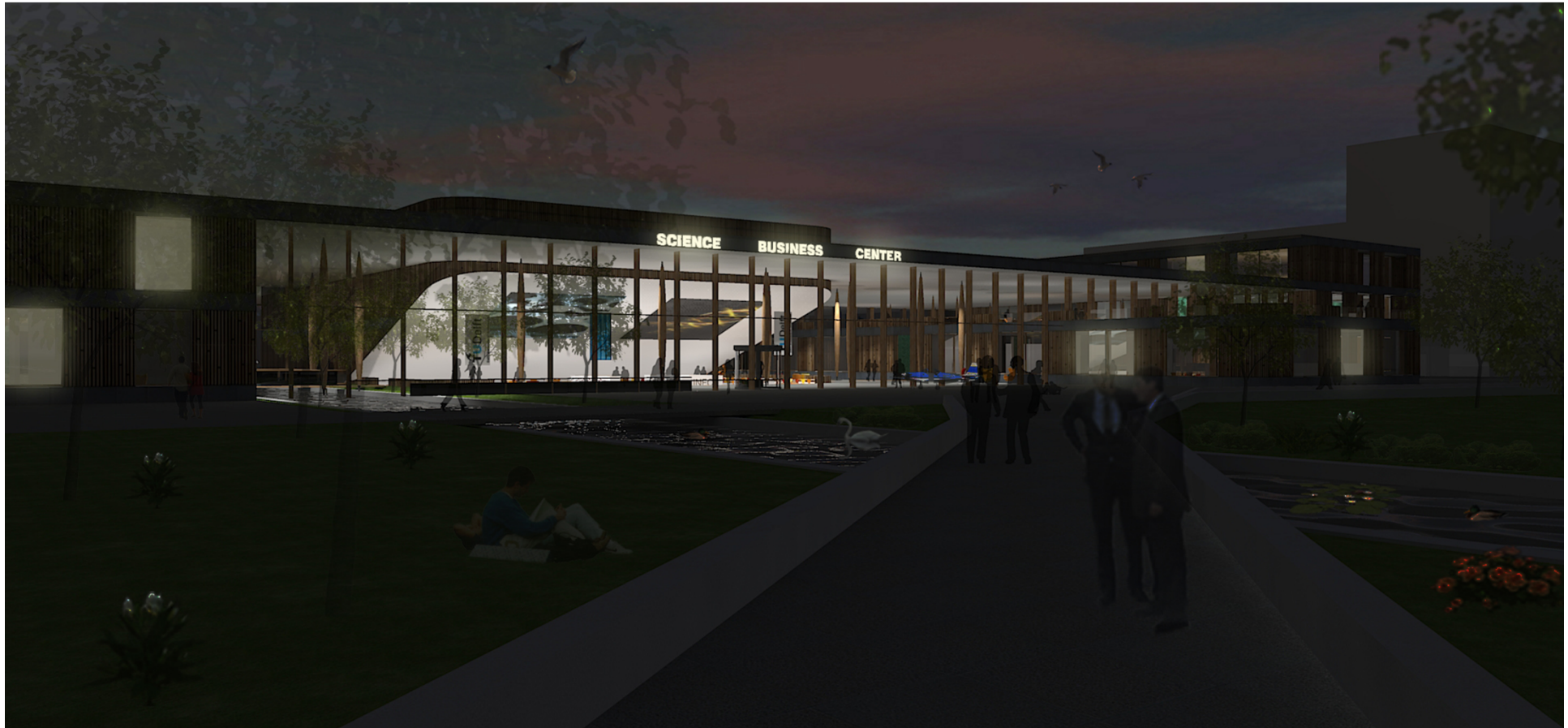












Bedankt voor jullie aandacht!