

Gelamineerd Hout

Door: ir. J.G.M. Raadschelders c.i.



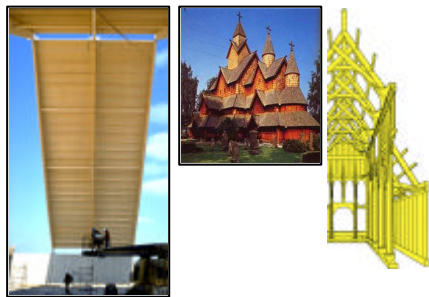
Raadschelders
Bouwadvies b.v.



Gelamineerd Hout

- Bijkomende aspecten:
- Duurzaamheid
- Brand
- Milieu

Duurzaamheid



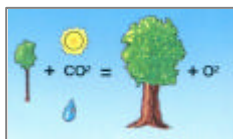
Brandwerendheid



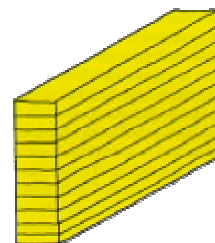
Milieu



- vernieuwbare grondstof
- duurzaam produceren
- keurmerk



Wat is gelamineerd hout?



Op elkaar
lijmen
planken

Eigenschappen

Sterkte:

Beton B25 B35

Hout C24 GL32

Prijs:

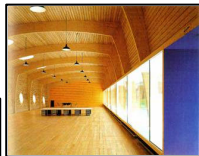
Hout is duurder



Grote overspanningen

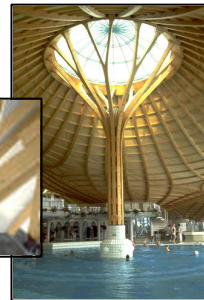


Gekromde constructies



Voordelen

- licht en sterk
- in het zicht
- geen koudebrug



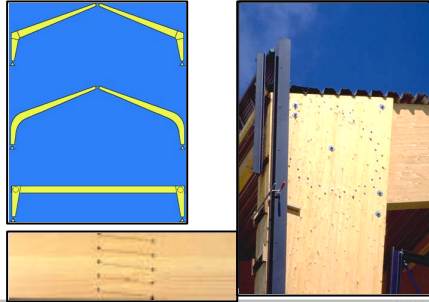
Productie



Transport



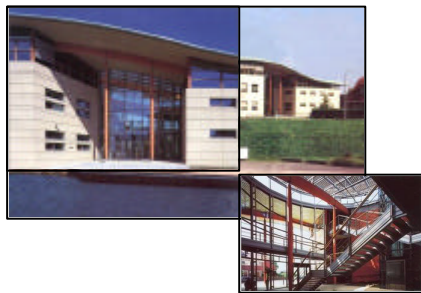
Spantvormen en verbindingen.



De Hoep Castricum



RWS IJmuiden



Zoetermeer



Domburg



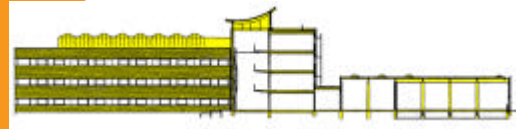
HTS den Bosch



Ranke constructie



Van Hall Instituut



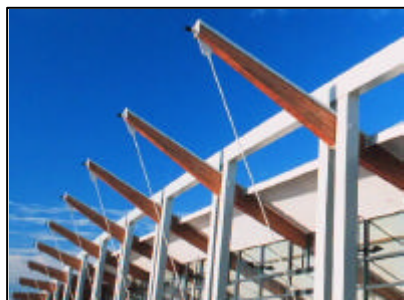
Van Hall Instituut



Alexandrium Rotterdam



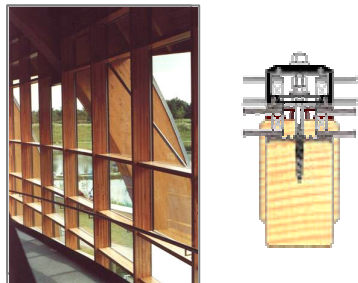
Alexandrium Rotterdam



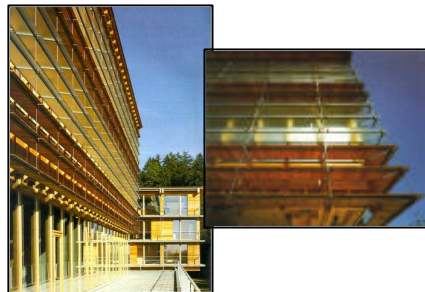
Hout en glas



Glas en hout gevel



Lyss Zwitserland



Lyss Zwitserland



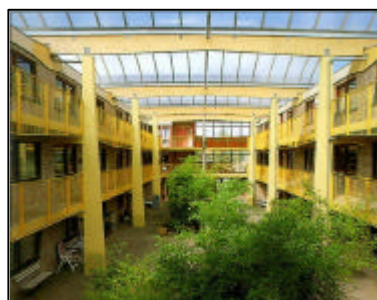
Adverium Drachten



Atrium



Atrium



De Muzen



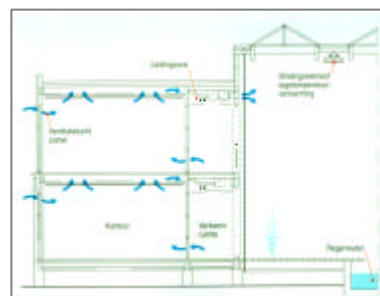
Kantoorgebouw Tiel



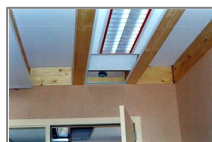
Atria



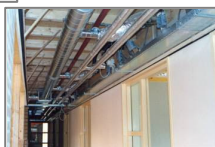
Optimaal ontwerp



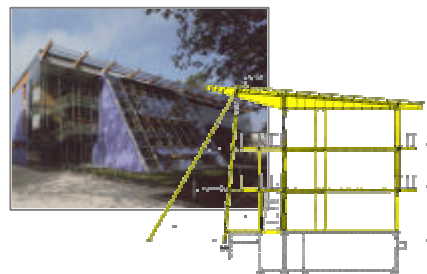
Leidingen



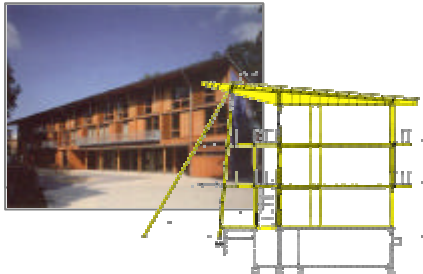
- lage temperatuur-verwarming
- eenvoudige ventilatie



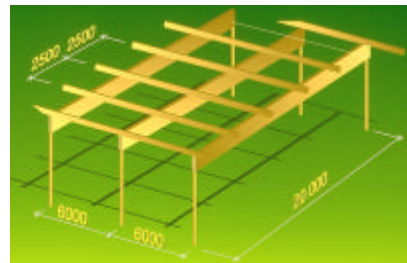
Brandenburg



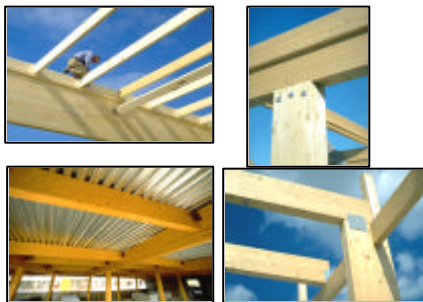
Brandenburg



Opbouw dak



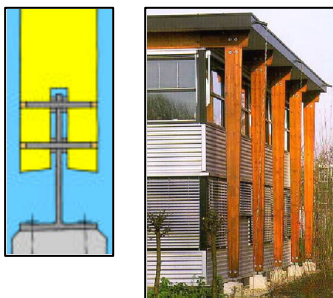
Dak bedrijfshal



Schilte IJsselstein



Buiten de gevel



Burgij Leiden



Doorgaande kolommen



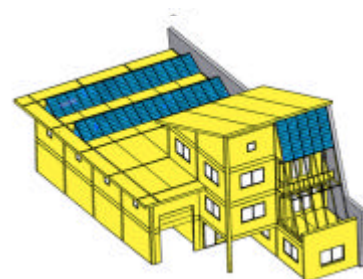
Gebouw XX



Ecopark Emmeloord



Ecopark Emmeloord



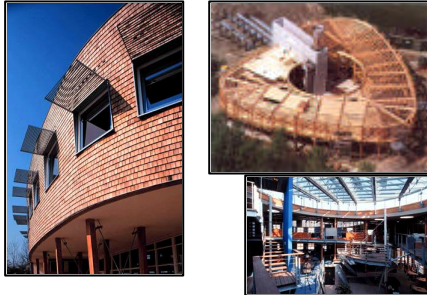
Kemphaan



Artis



RWS Terneuzen



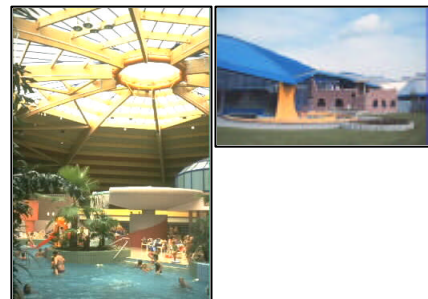
Sportcentra



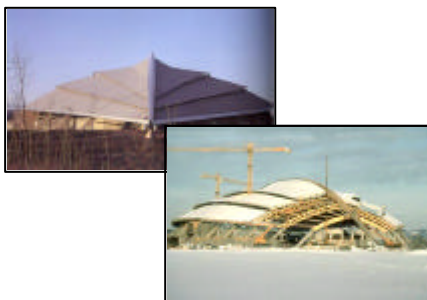
Nijmegen



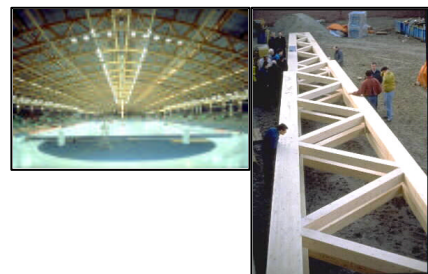
De Scheg Deventer

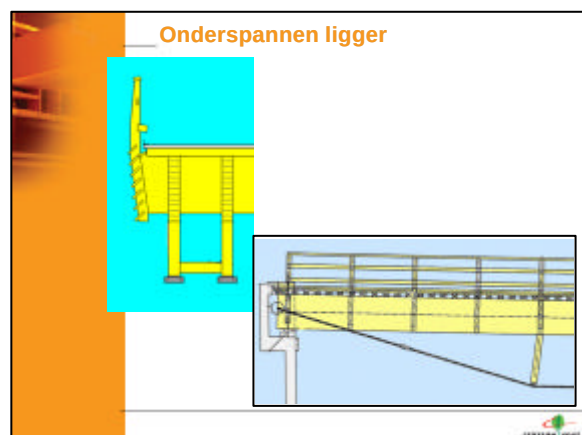
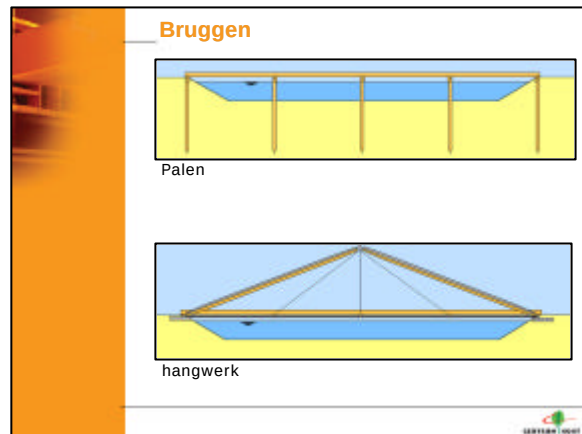
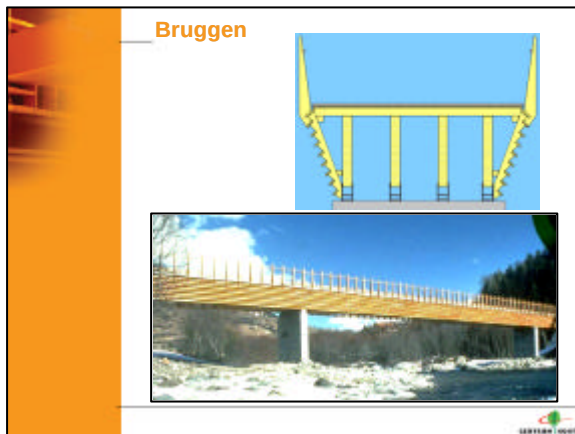


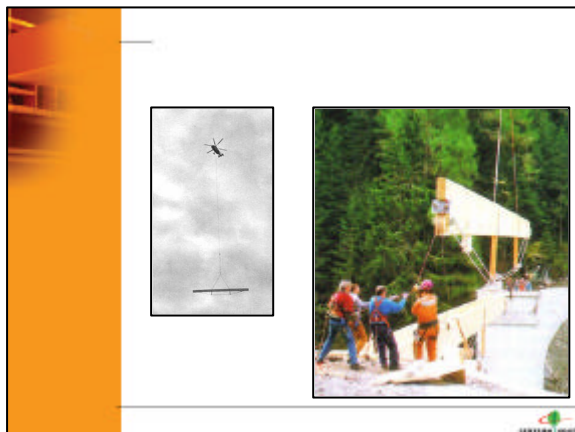
Hamar Noorwegen



Hamar Noorwegen

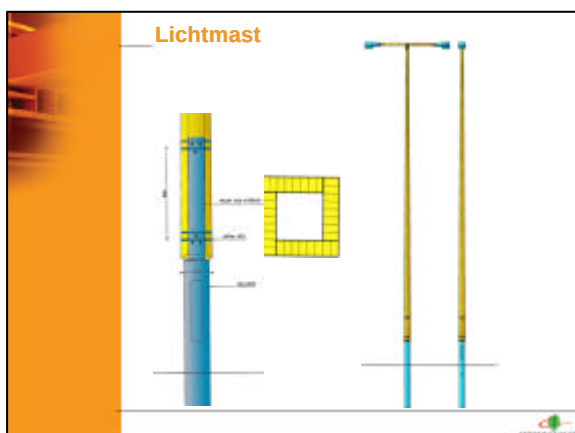






Fietsersbrug

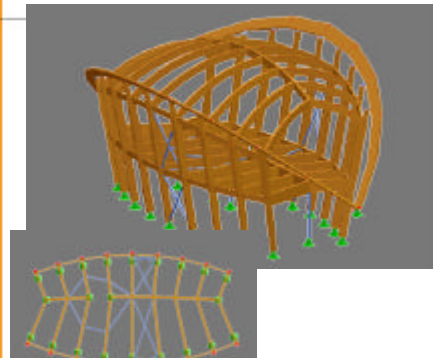
- open dek
- luchtige verbindingen
- hoofdliggers afgedekt
- risicoklasse 3
- duurzaamheidsklasse 3



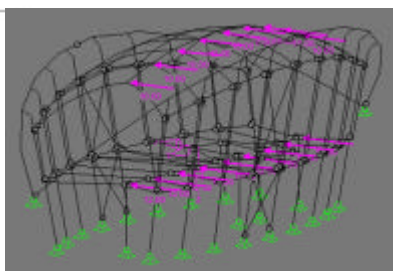
Bomencentrum te Baarn



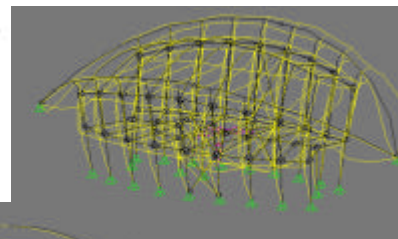
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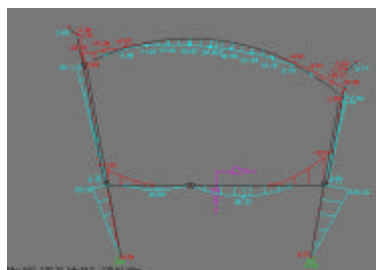
Raadschelders
Bouwadvies b.v.



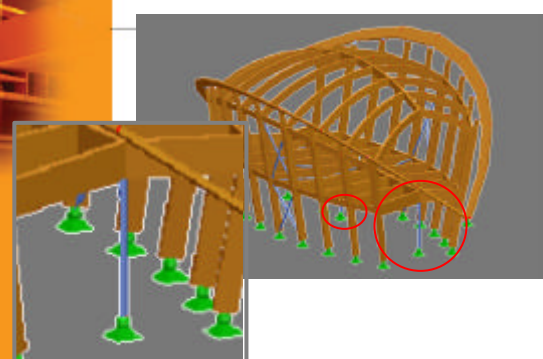
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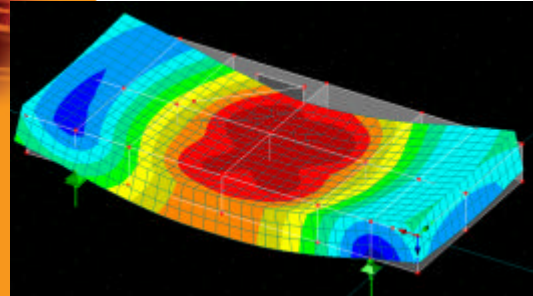
Woningen/kantoren op het water te IJburg



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Doorbuiging drijflichaam

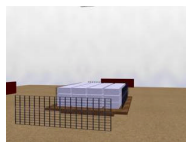
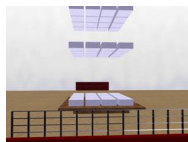


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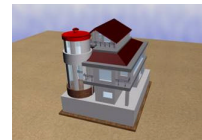
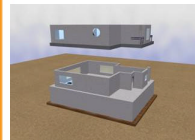
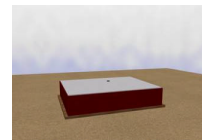
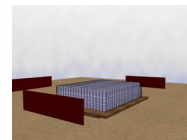


De bouw van een platform.

- Kern van E.P.S.
- Wanden en dek van gewapend beton.
- Constructie en gevelbekleding: lichtgewicht bijv. hout.



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Informatiecentrum IJburg

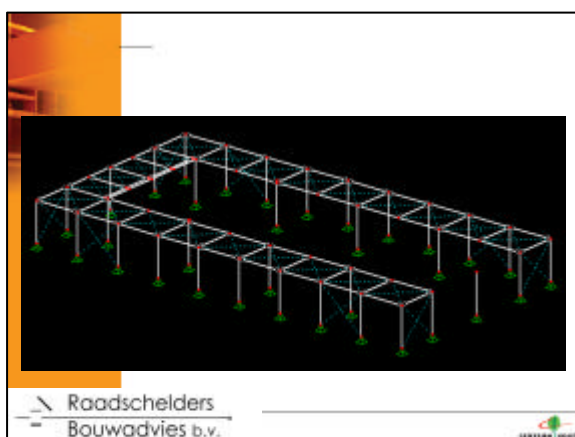
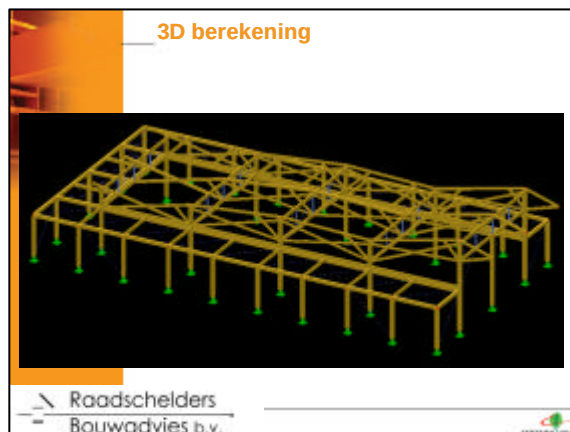


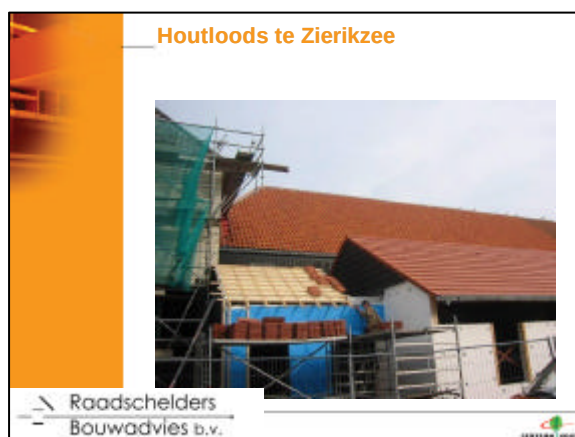
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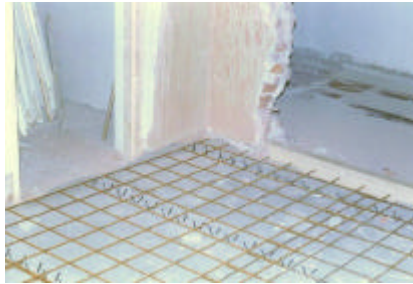
Raadschelders
Bouwadvies b.v.







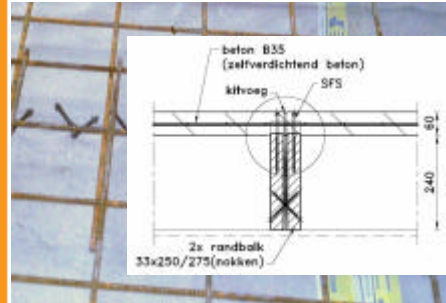
Houtbetonvloer dansschool A'dam



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Detail



Roadschelders
Bouwadvies b.v.



Bedankt voor uw aandacht



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Bouwadvies b.v.

