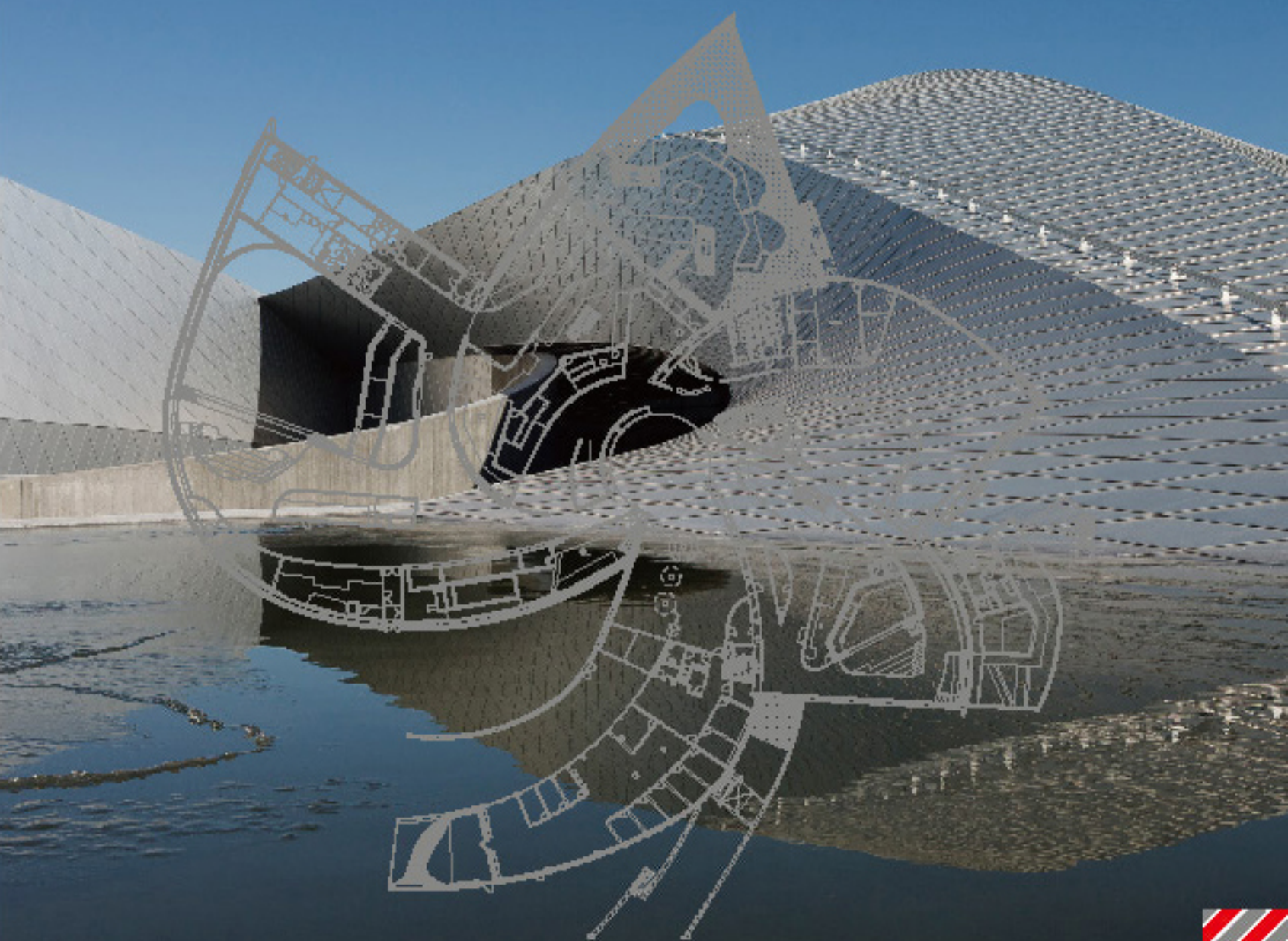




DETAILS ³³

• OBSERVATION TOWER • CIRCUIT OF THE AMERICAS • ANTOGA STA STADIUM • AUDITORIUM DEL PARCO
• NEW TOWN LIBRARY IN MARANELLO • CHONGQING GREENLAND CLUBHOUSE • CONTEMPORARY ART
CENTER CORDOBA • FUEL STATION + MCDONALDS • SHIPARA OFFICE IN BANGALORE • STADE TELUS
UNIVERSITÉ LAVAL • SLOW HORSE • BEDVEDERE FOR THE 2011 BUNDESGARTENSCHAU • DALIAN INTER-
NATIONAL CONFERENCE CENTER • GANGWON CREATION CENTER • ZIGGO DOME • NEW STEDELIJK
MUSEUM • ROTTERDAM CENTRAL STATION • FLETCHER HOTEL • MALL FORUM MITTELREIN & KULTURBAU
KOBLENZ • EUR NEW CONGRESS CENTRE & HOTEL



BELVEDERE FOR THE 2011 BUNDESGARTENSCHAU

2011 코블렌츠 조경박람회 전망대

Dethier Architectures | Daniel Dethier

데티에 아키텍처스 | 다니엘 데티에

The belvedere is in the shape of a hollow triangle positioned on the plateau overlooking Koblenz. A walkway, accessible to visitors with limited mobility, leads from a gallery – a potential exhibition space – to the roof, along a pathway offering, by turns, views of the park, the city and the belvedere itself. The cantilever symbolises the project: it extends more than 15m out over the valley, and rises 10m above the ground. The choice of materials (native wood species for the structure and walkway, and corten steel for the structural elements), meant that the entire construction could be pre-fabricated. The combination of architectural research and engineering to ensure stability, have resulted in a lightweight structure with dynamic visitor circulation. The lateral trusses create a mosaic of the surrounding countryside and allow the structure to be relatively free-standing. With its formal, high-tech design, the belvedere offers a vision of modernity. The integration of a maximum number of contextual characteristics reflects a willingness to foreground the perception of nature. A correct solution needed to be found so that, in a completely unostentatious manner, the structure could stand as a symbol of Koblenz. Moreover, it was essential to enable each visitor to have a meaningful, subtle encounter with the surroundings.

이 전망대는 코블렌츠가 내려다보이는 고원에서 속이 빈 삼각형의 형태로 자리하고 있다. 거동이 불편한 방문객들이 이용할 수 있는 보행로는 이후에 전시공간으로 사용될 갤러리에서 지붕으로 이어지는데, 이러한 경로는 공원이 보이다가 도시와 이 전망대 자체가 보이는 시야를 차례로 제공해준다. 캔틸레버는 이 프로젝트의 상징적인 구조로 계곡 위로 15m 이상 뻗어나가고 지상에서 10m 위까지 솟아오른다. 구조물과 보행로에 쓰인 소재는 천연수종이고 구조부재로는 코르텐 강이 사용되었는데 이러한 재료들을 선택했기 때문에 구조물 전체의 사전 제작이 가능했다. 안정성 보장을 위한 건축연구와 엔지니어링을 조합하여 역동적인 방문객 동선을 가진 경량구조물을 얻을 수 있었다. 측면 트러스들은 주변의 시골 풍광을 모자이크화하고 이 구조물을 비교적 독립적으로 보이도록 해준다. 첨단기술을 통해 형태적으로 설계된 이 전망대는 현대적 비전을 제시하고 있다. 맥락적 특징들을 최대한 통합하는 방식은 자연에 대한 지각을 전면에 내세우려는 의지를 반영한다. 정확한 해법을 찾을 필요가 있었기 때문에 구조물은 눈에 띄지 않으면서 코블렌츠를 상징할 수 있었다. 게다가 방문객마다 주변 환경과의 의미있는 뜻밖의 조우가 가능하도록 하였다.

Location Koblenz, Germany

Use Observatory

Building area 675m²

Completion 2011. 5

Client Bundesgartenschau Koblenz 2011 GmbH and Landesforten Rheinland-Pfalz

Structural engineering Ney & Partners

Photos offer Dethier Architectures

위치 독일 코블렌츠

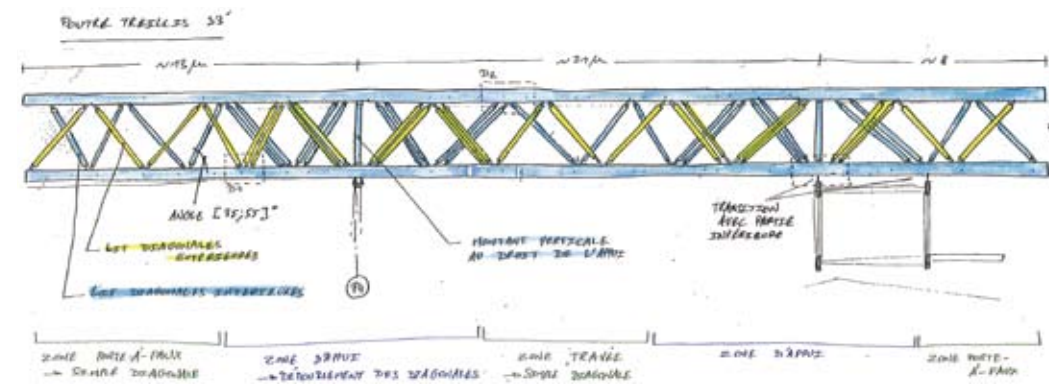
용도 전망대

건축면적 675㎡

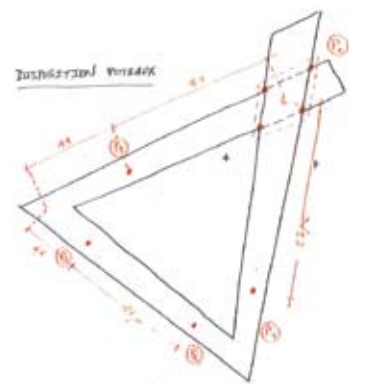
완공 2011. 5

사진 데티에 아키텍처스 제공

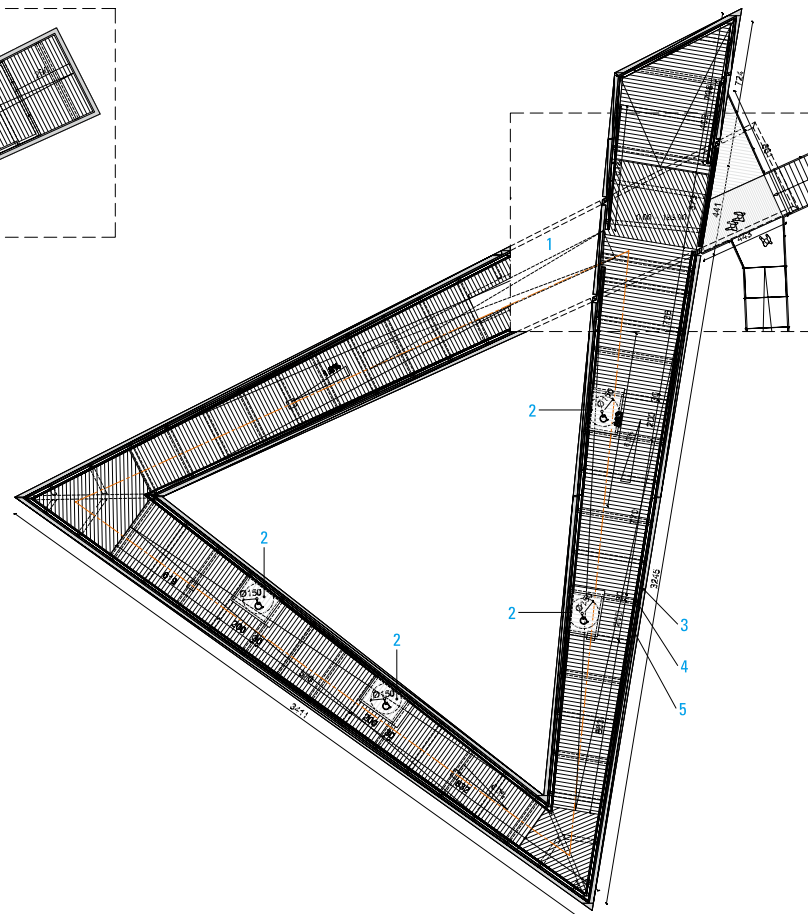
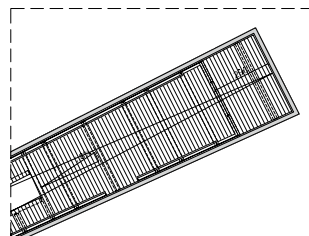




sketch



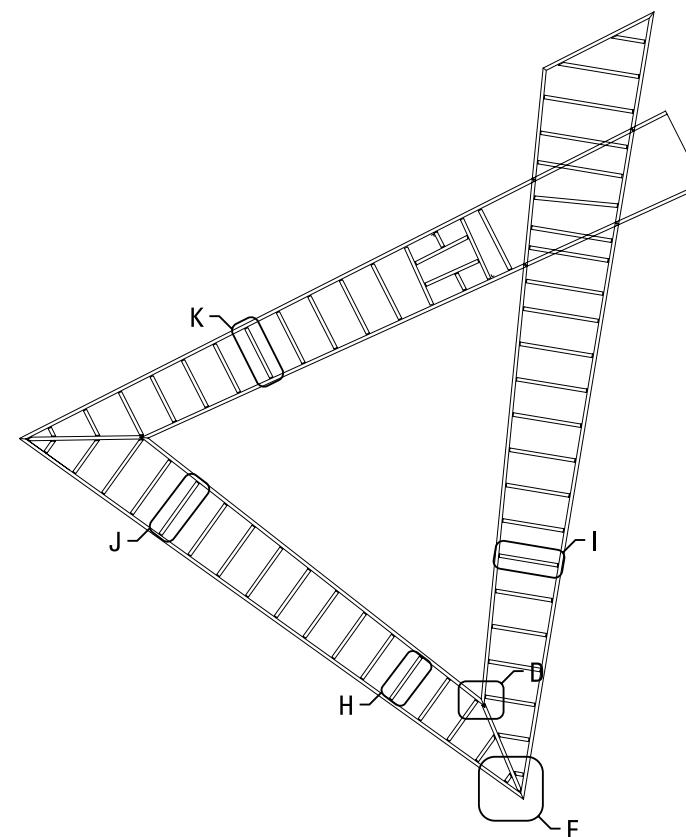
pillar arrangement



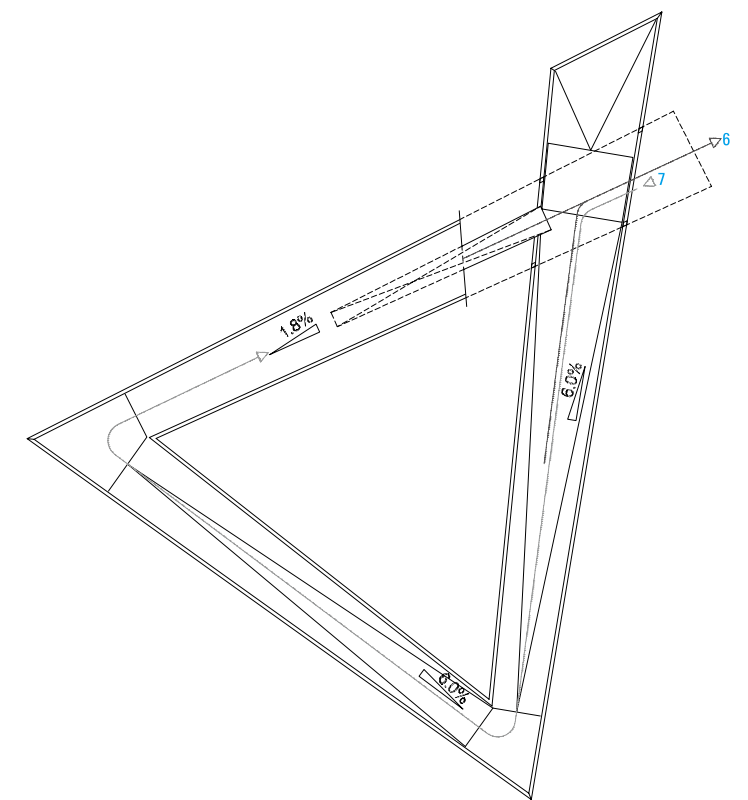
floor plan

- 1 STAIR
- 2 HORIZONTAL FLAT ZONE FOR DISABLED
- 3 GUTTER
- 4 RAILING : HANDRAIL HEIGHT 110CM
- 5 HANDRAIL HEIGHT 75CM
- 6 IN
- 7 OUT

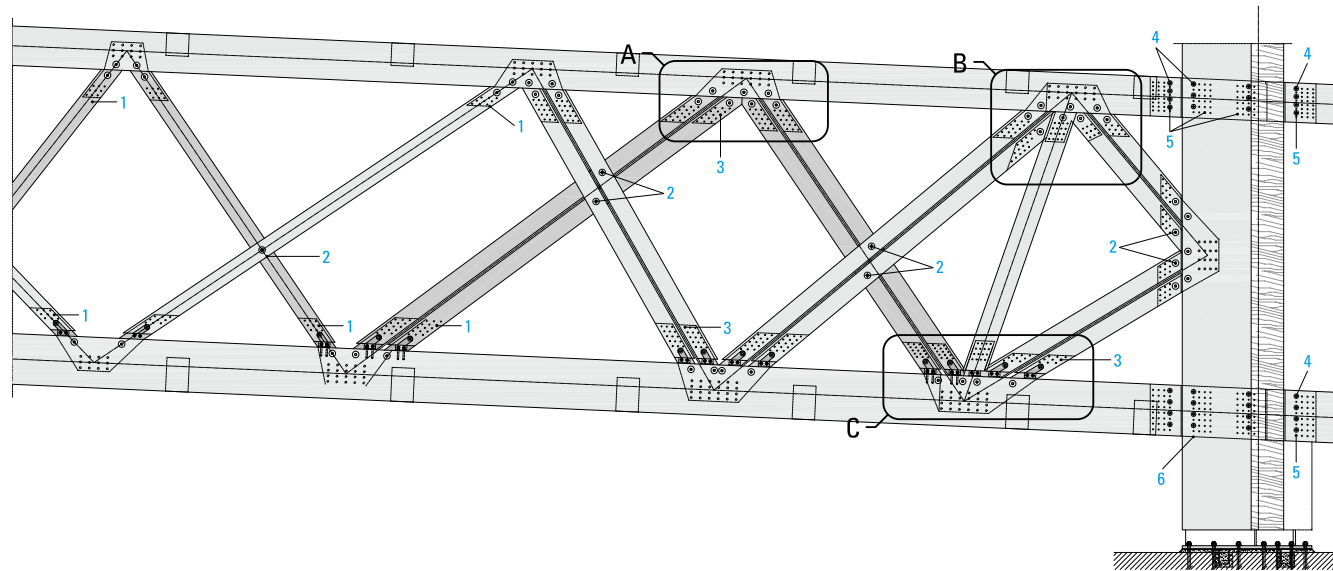
- 1 계단
- 2 장애인용 수평바닥
- 3 홈통
- 4 난간 : 난간 높이 110CM
- 5 높이 75CM 손잡이
- 6 입구
- 7 출구



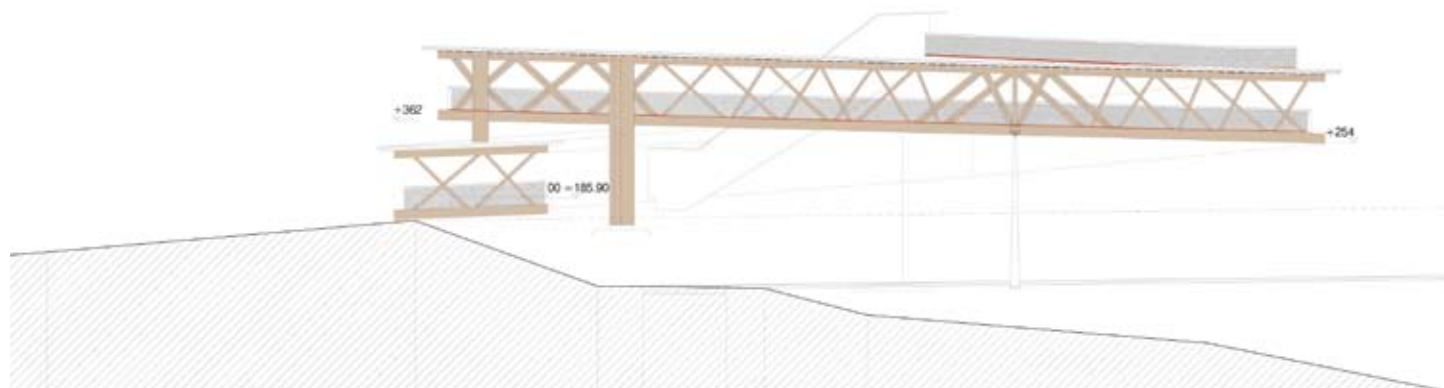
deck plan



circulation



lattice girder

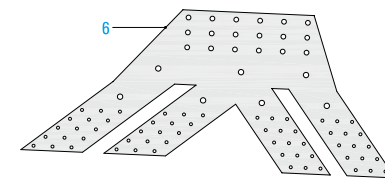


elevation

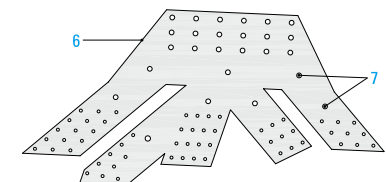


- 1 3X3MM DOWEL
- 2 HEXAGONAL WOOD SCREW, Ø58 WASHER
- 3 3X5MM DOWEL
- 4 Ø40 WASHER
- 5 Ø10 S640
- 6 GALVANIZED STEEL
- 7 MATCHED Ø16 M12
- 8 DOWEL, SCREWS
- 9 DOUBLE HV-SEAM, STEEL PLATE

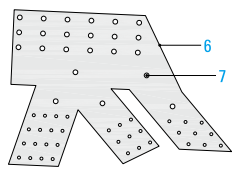
- 1 3X3MM 꽃임축
- 2 육각형 목재 스크루, Ø58 나사받이
- 3 3X5MM 꽃임축
- 4 Ø40 나사받이
- 5 Ø10 S640
- 6 아연도강
- 7 Ø16 M12 조합
- 8 꽃임축, 나사
- 9 이중 HV-이음새, 철판 판



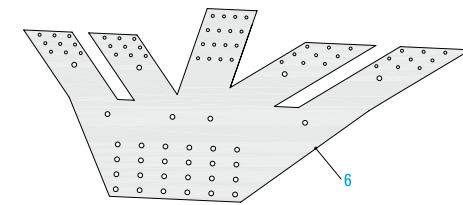
element A



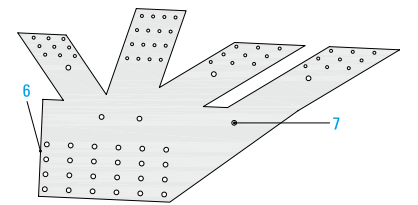
outer element B



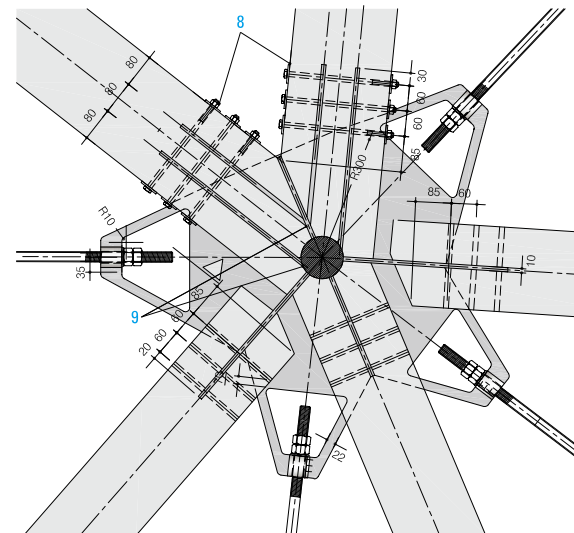
inner element B'



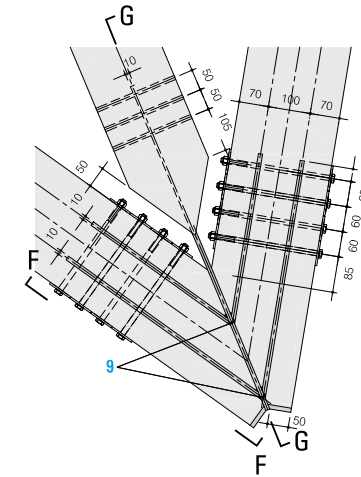
inner element C



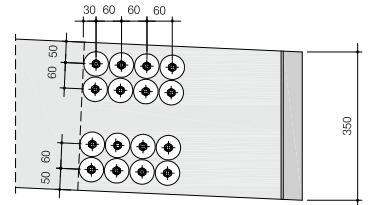
inner element C'



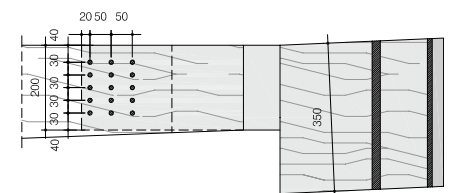
detail D



detail E



detail section F



detail section G

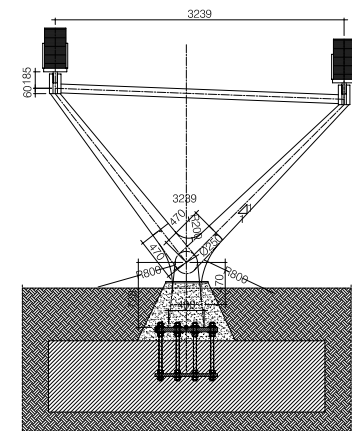


1 JOINT
2 70MM HOLE FOR ADJUSTMENT

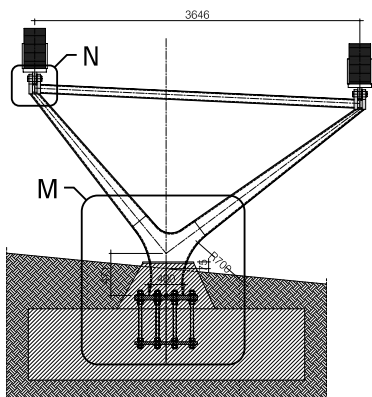
3 CONCRETE
4 120X120MM STEEL PLATE

1 이음새
2 70MM 조절 구멍

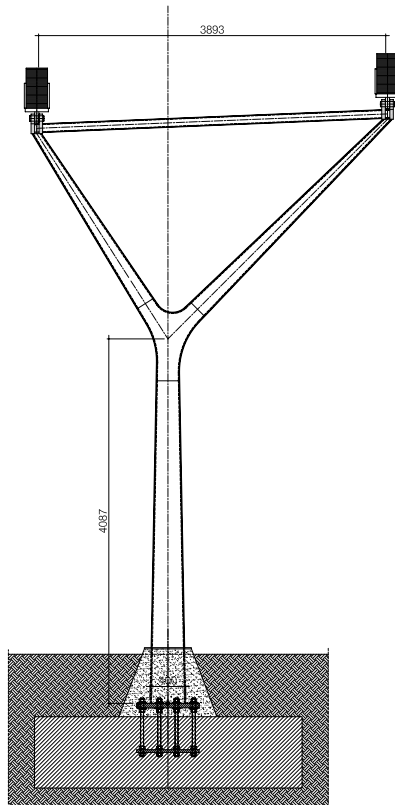
3 콘크리트
4 120X120MM 철제 판



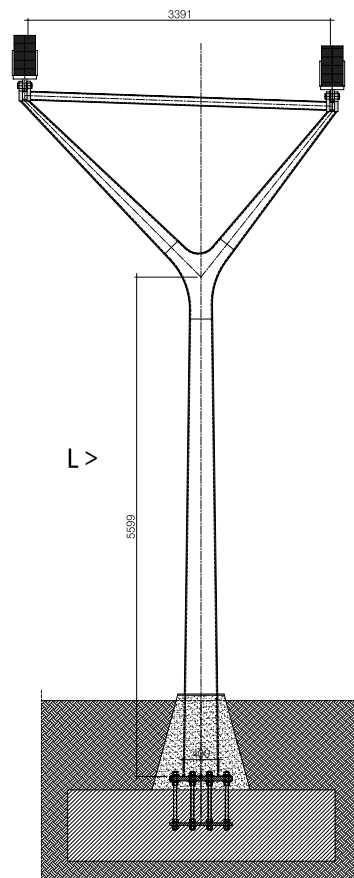
pillar H



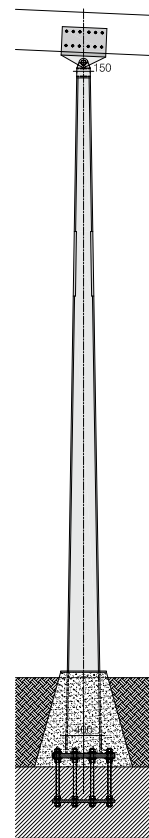
pillar I



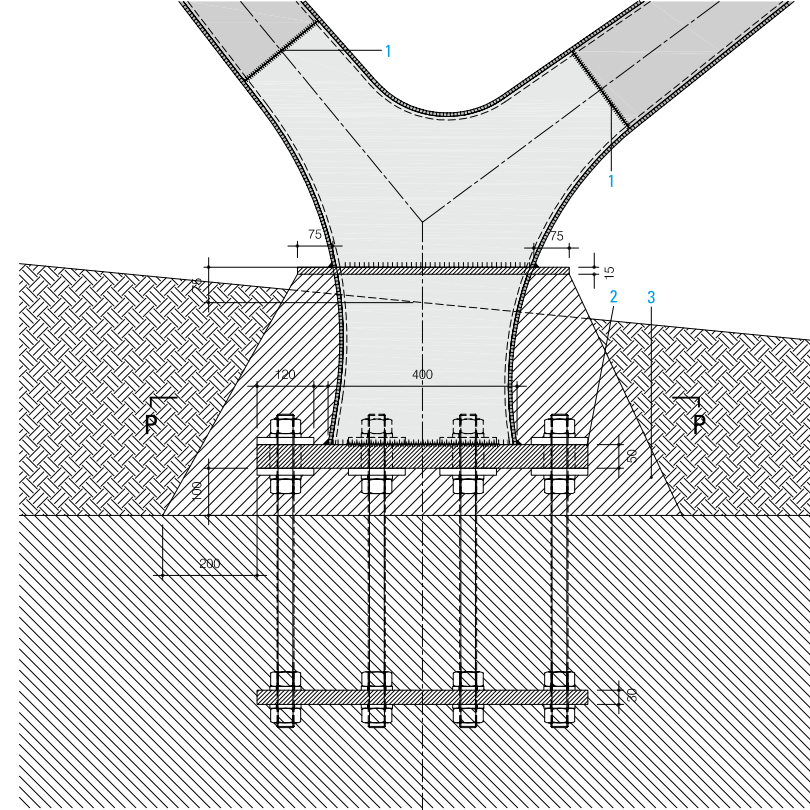
pillar J



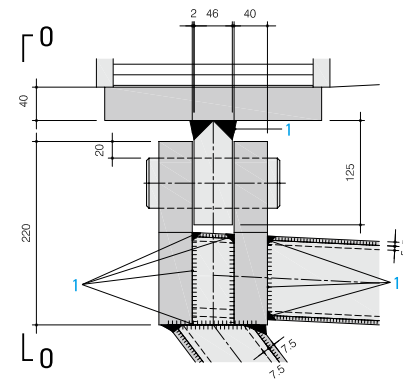
pillar K



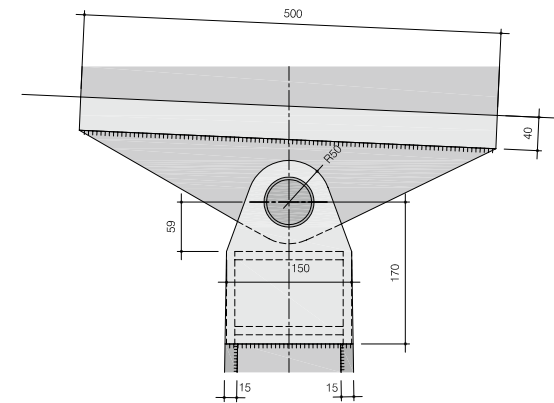
pillar side view L



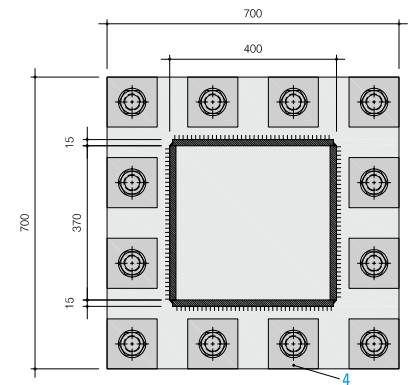
detail M



detail N



detail O



detail P



DANIEL DETHIER : Daniel Dethier is civil engineer architect and town planner and managing director. His vocation of researcher (continuing with his studies in town planning) and practitioner immediately characterised the procedure that he continues to pursue by currently exercising a Free University of Brussels mandate. In 1992, he founded the Dethier & Associés Consultancy and was joined by Renaud Van Kerckhove in 1996. The work is aimed at the analysis of contexts rather than at the production of objects. Based on a process of careful consideration, the procedure makes links between the disciplines as well as between the programmes. The angles of approach, implemented for each type of project, enrich the global strategy.

다니엘 데티에 : 다니엘 데티에는 건축가 겸 토목엔지니어, 도시계획가, 관리이사이다. 도시계획 공부를 계속 하고 있는 연구자이면서 실무자로도 활동하는 그의 직업은 현재 브뤼셀 자유대학의 과제를 수행하면서 그가 계속해서 추구하는 절차에 즉각적인 영향을 주고 있다. 1992년에 그는 데티에 & 아소시에 컨설턴시를 설립하였고, 1996년 레나우트 판 케르크호브가 합류했다. 작품은 오브제의 생산보다 맥락의 분석에 초점을 맞춘다. 신중한 고려과정에 기초하는 절차는 여러 분야들만을 연결할 뿐만 아니라 프로그램들도 서로 연결한다. 각 프로젝트의 유형에 따른 다각적 접근은 국제적으로 풍부한 전력이 가능하도록 한다.