

/IDEA PROJECT

100

ZHONGHE SPORTS CENTER

중허 스포츠센터

Q-LAB Q-LAB was founded by Borden Tseng and Sense Tseng in Taiwan, as a critical investigation of architecture in the context of urban production, intensely over-populated urban conditions, and other emergent cultural niches that define contemporary society. Amid the many frictions defining spatial conditions in the twenty-first century, namely past vs. future, local vs. global, utopia vs. reality, and individual vs. collective, Q-LAB focuses on the operative complexity of these multiple conditions instead of striving for a singular, unified perspective. For each architectural project, which exist across a wide range of scales, Q-LAB explores issues such as spatial systems/matrixes, building materials/techniques, and typological divergences to foster a vision that allows the discovery of new socio/cultural potential. Q-LAB has completed more than 400 projects in the sectors of Hospitality, Commercial, Residential, Recreational, Governmental and Retail.

092

INNOVATIVE BIOCLIMATIC EUROPEAN SCHOOL COMPLEX

혁신적인 생물과 기후의 유럽 복합 학교

THEODORA KYRIAFINI & FOTINI LYMPERIADOU EuZen Architecture is a group of architects, engineers and designers whose aim is to offer a holistic approach in designing spaces. Space should service and improve the user's wellbeing. EuZen derives from the ancient Greek word EYZHN which means 'well lived and harmonious life'. The core of the team consists of Theodora Kyriafini, Dipl.-Ing. Technische Hochschule Darmstadt, Germany, Fotini Lymperiadou, DipArch University College London, U.K. and Androniki Lymperiadou, DipArch. Kingston University, U.K. Since 1986 services are provided in private and public sector. Based in Thessaloniki and Pforzheim the team has accomplished projects in Greece, U.K. and Germany. Work ranges from art, interior and garden design to buildings, master and urban planning as well as lecturing and teaching. EuZen Architecture act locally and socially integrating landscape, natural laws and human needs in a sustainable way. Their design is conscious of local climate, use of ecological materials as well as low technology methods. The office was recently awarded the 1st prize for 'Innovative Bioclimatic European School in Crete', in the International Architectural Competition organized by the School Buildings Organisation of Greece(SBO) in association with the International Union of Architects(UIA).

104

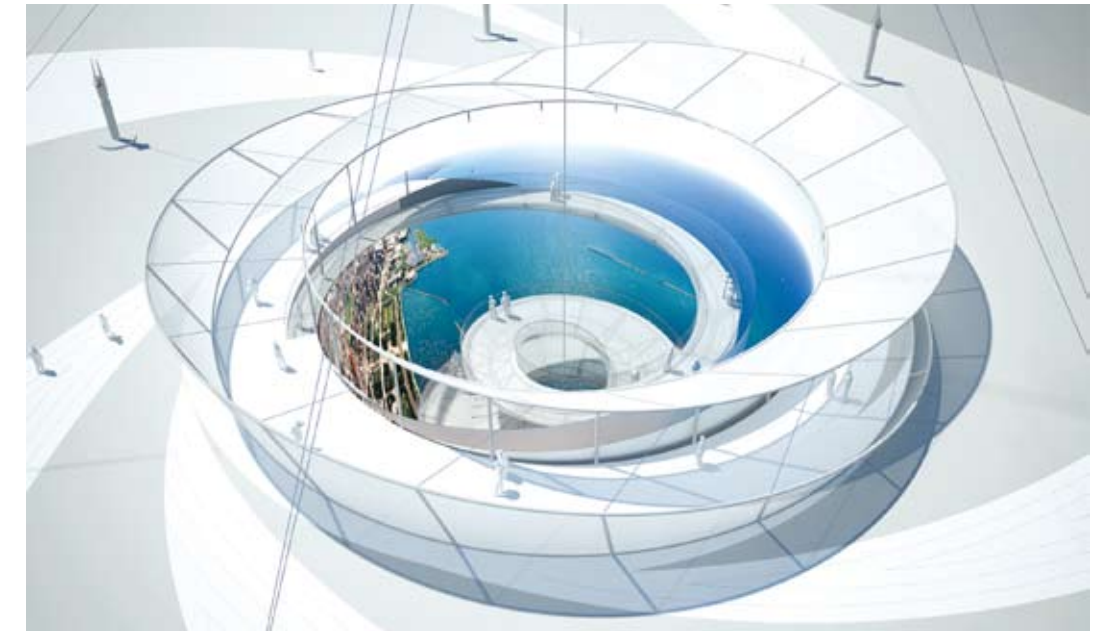
PERISCAPE, 2010

페리ске이프, 2010

H ARCHITECTURE, P.C. Founded in 2006, H Architecture is a progressive design practice based in New York City, specializing in urban design, master planning and architectural design. For a variety of international projects, the firm's multi-cultural design team implements globally up-to-date resources and methodologies to deliver innovative and optimal solutions specific to each project. A global design collaborative network H has built with one of the firm's principal founding partner, Haeahn Architecture, has allowed H to engage in diverse project types at various locations around the globe. With the network of 24/7 workforce from offices in New York and Seoul, H serves projects of large scale and work scope at an immense speed. H has been striving to use architecture as an interfacing agent among various spatial dimensions in built environment. Forging versatility of architecture to reconcile and integrate urban grids, landscape, ground, buildings and interiors, H is dedicated to creating spaces where the client's visions and demands materialize, and the resident and the community experience the power and grace of space.

PERISCAPE, 2010

ARCHITECT: H ARCHITECTURE, P.C.



Reflecting a direct paradigm shift in the economic recession, Perisc@pe engages the public in an otherwise private and exclusive place. The desired panoramic view, 150 floors above the ground level, is brought down for all in an all encompassing experiential space. The exclusive realm becomes accessible through a visual platform that projects a panoramic view of the Chicago skyline along the perimeter of a re-envisioned cultural space.

Through a spiraling ramp the public is taken on a journey into Perisc@pe, made possible by a panoramic camera 2,000 feet above. The balloon and camera, held by motorized stabilizing wind turbines, act as an urban index by illuminating at night or being raised and lowered in symbolic ceremonies. It is further stabilized by a series of energy creating devices that harness the movement and pull of the tension cables, by mechanized parts gathering energy from the directional movement of individual cables. Additionally, the device adjusts vertically adding to the energy creating options. One becomes immersed in the sounds, sights, and sensations of the experience created from visual data collected and projected while moving down the ramp towards the bottom of Perisc@pe, which houses a cultural museum. A visual performance happens above, provided by the movement of the people, and dynamic visual inertia of the ascending ramp.

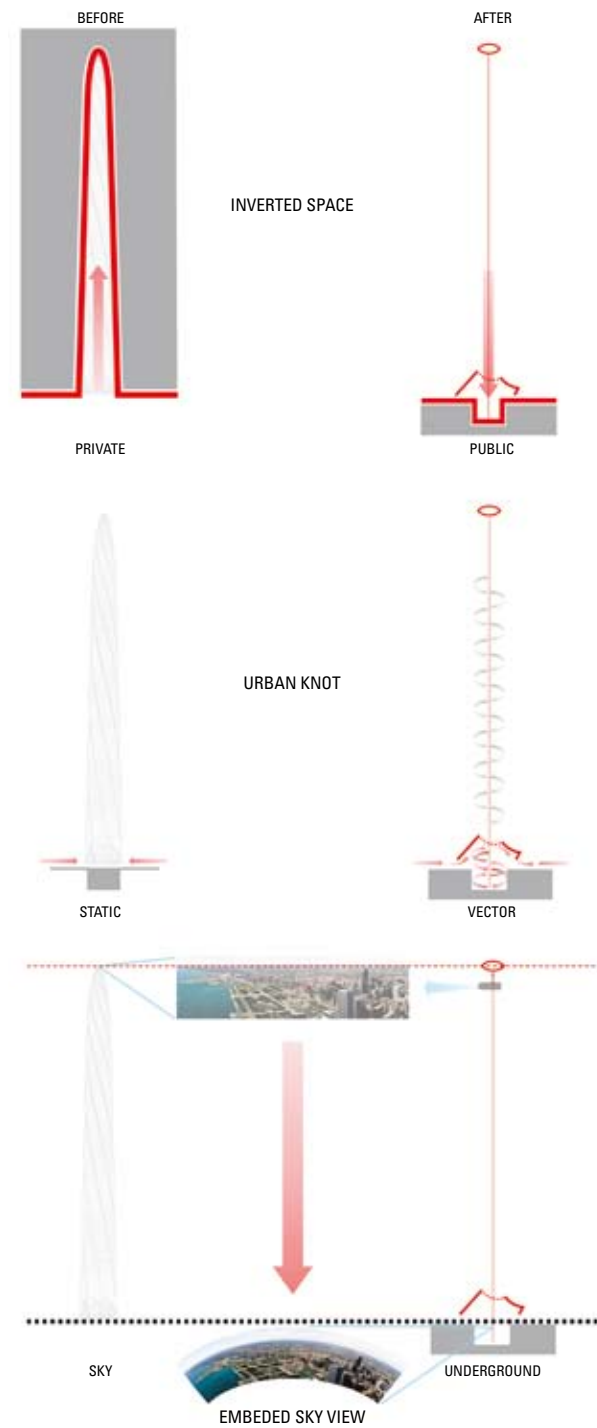
An ecologically renewed site engages the natural elements of Chicago with an urban beach, providing space for contemplation, and Activity Greens supplying space for public use. Community Gardens produce local organic food while retention ponds catch runoff, and filter, excess water into the river. A new temporary pavilion acts as the structure for the ramp and screen lowered into the hole. Perisc@pe becomes the locus point drawing in the public from different access points around the site and within the context of the city. Written by H ARCHITECTURE, P.C.

2008년 말부터 찾아온 세계 경제 침체로 인한 패러다임의 변화를 반영한 제안인 페리스케이프는 배타적이고 사적이었을 공간을 공적 공간화하는 작업이다. 경제가 침체되지 않았다면 지어졌을 최고급 레지덴셜 타워의 150층에서 도시를 내려다 보는 조망을 아래로 가지고 내려와 공공의 접근이 가능한 실험적인 공간을 형성하였다. 초고층 타워의 기초가 들어설 예정이던 실린더 형태의 지하 공간 휴막이벽 위에 시카고의 파노라마 뷰가 영사되고, 이것을 비주얼 플랫폼에서 즐길 수 있도록 디자인된 이 문화공간을 통해 소수만을 위한 배타적인 영역은 모두에게 접근 가능한 공적인 장소로 변화된다.

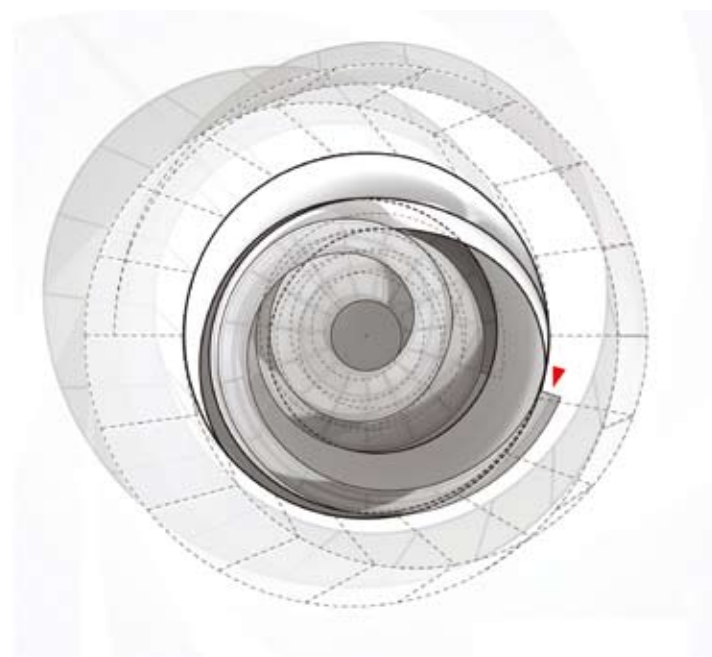
페리스케이프에서의 여정은 나선형의 램프와 계획된 원래의 빌딩 높이인 610m(2,000 피트) 상공에 떠있는 카메라를 통해 가능해진다. 도시의 새로운 지표로 작동하게 될 빛나는 풍선과 카메라로 이루어진 공중에 떠있는 장치는 전통식 윈드 터빈에 의해 안정화되며, 행사의 성격에 맞추어 그 고도가 조절되도록 디자인 되었다. 또한 이 장치는 고정력 케이블에 의해 더욱 단단히 고정되어 있는데, 각각의 케이블에는 그 움직임의 방향에 따라 에너지를 채집할 수 있는 장치가 연결되어 장치를 운용하는데 필요한 에너지를 생산하게 된다. 수직적으로 높이가 조정되는 이 장치에 의해 촬영되고 전사되는 시각 데이터들은 소리와 기타 감각 등과 하나되어 나선 램프를 타고 문화 뮤지엄으로 사용될 페리스케이프의 바닥으로 내려가는 동안 실감나고 일체화된 자극적 경험을 제공한다. 상승하는 램프의 동적이고 시각적인 관성과 사람들의 움직임은 페리스케이프의 상부에 시각적 퍼포먼스를 가능하게 하는 중요 요소이다.

친환경적으로 개선된 대지는 도심 해변, 명상 공간, 그리고 공공의 활동을 가능하게 하는 그린 스페이스등을 통해 시카고의 자연적인 요소들과 결합된다. 커뮤니티 가든에는 지역 유기농 채소를 생산 및 홍수 조절 기능과 수질향상을 위한 필터로서의 기능이 부여되었다. 대지의 흠 입구에 디자인된 한시적인 파빌리온은 구멍 아래로 내려가는 나선형 램프의 구조로서의 역할과 구멍의 벽에 둘러쳐진 스크린을 동시에 지지하는 역할을 한다. 페리스케이프는 대중에게 도시에 대한 또 다른 접근 방법을 제공하는 중요한 장소가 된다. 글: 조항만(Design principal of H Architecture)

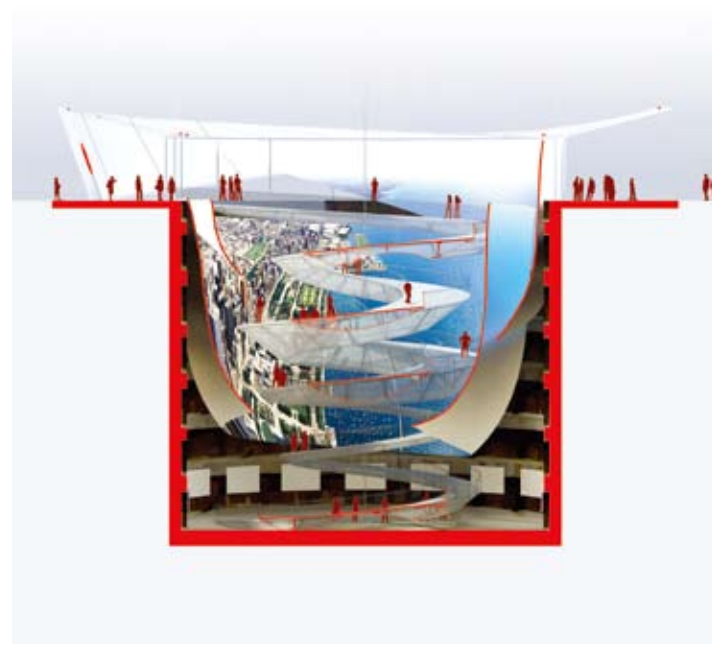
Location Chicago, IL, USA **Competition** 2010 Chicago Prize Competition 'Mine the Gap' **Size** 2.95 acre vacant site left from an unfinished residential hi-rise project
Design Team Hangman Zo (Design Principal), Taeman Kim(President), Sangjoon Bae (Project Architect), Ju-hyun Kim, Jongkook Kim, Elan Blumberg, Linda C. Daniels, Dylan Sauer **Editorial design** Han Beom Goo **Editor** Lee Kyung Il



PARADIGM SHIFT OF ECONOMIC RECESSION

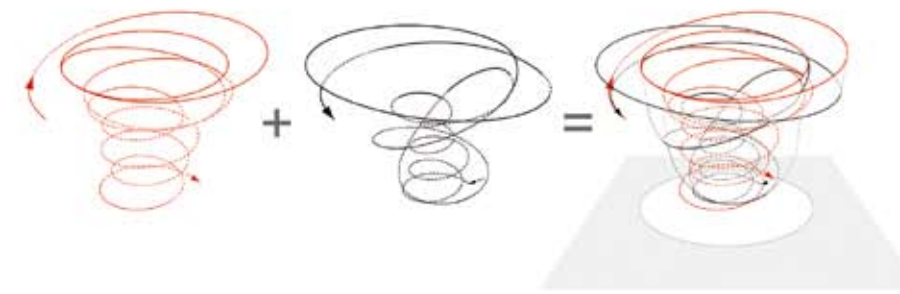


GROUND FLOOR PLAN



SECTION PERSPECTIVE

>> DIAGRAM



SINGULAR MOVEMENT SHAPING PROGRAM & STRUCTURE
 Looping around movement make continuous programmatic singular surface of entrance, guiding wall, canopy, screen wall, and path bridging the experiential gap between the ground and underground also visually extending to the balloon feature above the sky. This holistic strainer-like structure would be placed on hole and removed when the economic situation comes back to the normal.

