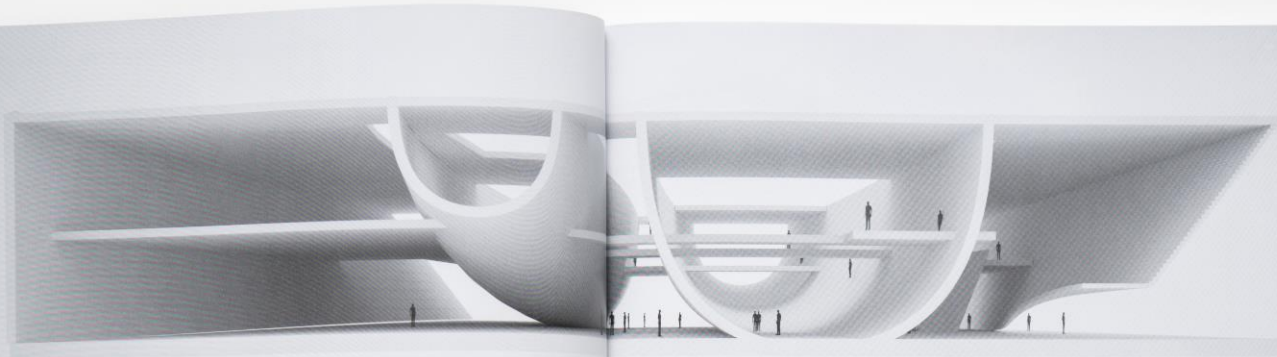




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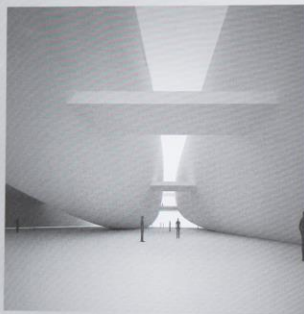
INTERNATIONAL 2024

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ZHU PEI Boat Archaeology Museum

Quan Zhou, Fujian, China
DESIGN: 2016-



Photos of concept model

SITE

The Boat Archaeology Museum is located in Quanzhou. During the Song Dynasty, Quanzhou was one of the world's largest trading ports. A large amount of porcelain, silk, and tea were transported to Europe from here. Since the first Song Dynasty ancient merchant boat was excavated in 1974, multiple Song Dynasty ancient merchant boats have been discovered one after another. To this end, a museum will be built to collect, protect, study, and showcase these Song Dynasty merchant boats to the public.

CONCEPT

The spatial prototype and structural form of the Boat Archaeology Museum are sensitively translated from ancient boat form to the Song Dynasty. Based on the study of the structure and construction methods of excavated ancient wooden boats, we have realized the contemporarily hidden behind these ancient boats. The relationship between the human being, the scale of material space of ancient boats is abstracted and translated into the co-existence of material form, visitors and exhibits. As visitors are

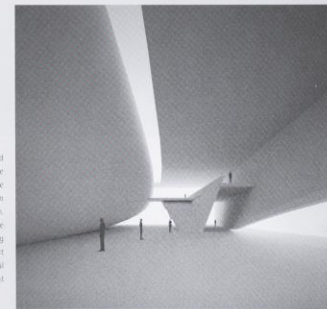
walking inside the museum, they seem to have a hazy feeling of shuffling up and down inside and outside the boat. Create a poetic tension between tradition and innovation.

PROGRAM

The museum aims to create a flow and continuous public space. Programs: the permanent exhibition, temporary exhibition, lecture hall, coffee/tea space, design shops, restoration, storage, loading area.

MATERIAL AND STRUCTURE

The continuous double-curved reinforced concrete vaults are inverted, resembling the form of an ancient wooden boat's hull. The top is strained by prestressed suspension arch beams to form a stable structural form. Two continuous double-curved concrete vaults are arranged in close parallel, forming completely different spatial forms in and out the vault in order to create a new spatial experience relate to the theme of boat archaeology.





View toward Platform from waterfront



North elevation, 5-11 am



- 1. PLAZA
- 2. PERMANENT EXHIBITION
- 3. TEMPORARY EXHIBITION
- 4. SERVICE SPACE
- 5. POOL



Above: exhibition space in between
Below: foyer

概略

「船倉考古博物館」は豊州湾に位置する。近畿において、豊州湾は世界最大級の船倉遺跡を有し、かつて大量の陶器、絹、茶葉などの物資の集散・集散地であった。1974年に海上防衛研究所の調査によって発掘された。2017年に同時代の船倉遺跡の発掘も完了した。このため、この時代の文化財の発掘・調査、保護、研究および一般への公開を目的の博物館が建設される運びとなった。

コンセプト

「船倉考古博物館」の建築コンセプトは「船倉」を模し、その構造や空間の魅力を表現し、その歴史を伝える。船倉の構造や空間の魅力を表現し、その歴史を伝える。船倉の構造や空間の魅力を表現し、その歴史を伝える。

プログラム

この博物館では、船倉の歴史や文化の展示を行うことを見据えている。プログラムには、常設展、企画展、講義ホール、カフェ、子どもホール、視聴覚室、収容ホール、入館口が設けられる。

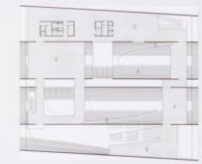
素材と構造

建築する際にコンクリートの使用を避け、木質の素材を使用することを目指している。また、船倉の構造や空間の魅力を表現し、その歴史を伝える。船倉の構造や空間の魅力を表現し、その歴史を伝える。

Architect: Studio OoA Pte.
 OoA Pte., principal architect
 Consultant: The Design Institute of Landscape Architecture, Chinese Academy of Arts, architectural consultant
 Studio OoA Pte., interior design/landscape
 Structural system: reinforced precast
 construction system
 Major materials: concrete
 Site area: 31,323 m²
 Building area: 10,420 m²
 Total floor area: 10,420 m²



Site plan: S-1-0000



Second floor



First floor: S-1-1000

- 1. LOBBY
- 2. EXHIBITION SPACES
- 3. RESTROOM
- 4. INFORMATION CENTER
- 5. PAUSE
- 6. COURTYARD
- 7. SERVICE ENTRY
- 8. BRIDGE



Above: view toward space in between from bridge
 Below: view toward permanent exhibition hall from bridge



Peter Stutchbury 1976-
Born in Sydney, Australia, in 1976. Received Bachelor of Science (Architecture) from University of New South Wales in 1995, Bachelor of Architecture (BA) in 1997. Worked in Guo Partnership Pty Ltd, Ken Nelson & Partners, 1997-03. Started his own architecture firm, 1995. Established private practice in Papua New Guinea, 1997.

- 1. Peter Stutchbury Architecture
- 2. Newlyn, New South Wales, Australia
- 3. www.peterstutchbury.com.au
- 4. 10
- 5. 17 projects
- 6. Bunking Waters, residential, Rigby Beach, Darwin, New South Wales, Australia



Peter Stutchbury, Sydney, Malawi



Gustavo Utrabo 1979-
Born in Curitiba, PR, Brazil, in 1979. BA in Architecture and Urban Design from The Federal University of Paraná. Established private practice in Curitiba, PR, Brazil, 2015.

- 1. Estúdio Gustavo Utrabo
- 2. São Paulo, SP, Brazil
- 3. www.gustavoutrabo.com
- 4. Gustavo Utrabo + S architects, 1. Intern and 1. administrative assistant



Amature Architecture 144-
Founded by Wang Shu (left) and Lu Wenzhe (right), 1987.

Wang Shu
Born in Beijing, China in 1963. Graduated from SouthEast University in 1985. Received Doctor of Architecture from Tongji University, Shanghai in 2000.

- 1. Amature Architecture Studio
- 2. Hangzhou, China



ZAO/standardarchitecture 106-
Founded by Zhang Ke in Beijing, 2004.

Zhang Ke
Born in Henan, China, 1972. Received B.Arch., 1990 and M.Arch., 1995, Tsinghua University, School of Architecture. Received Master of Architecture M. Arch., Harvard University, Graduate School of Design, 1999.

- 1. ZAO/standardarchitecture
- 2. Beijing, China
- 3. www.standardarchitecture.cn
- 4. 19
- 5. 10



Zhu Pei, Malaya, Ruins Museum (left), Chongren Culture and Art Center (right)



Zhu Pei 1946-
Founded by Zhu Pei in Beijing, 2005.

Born in Beijing, China in 1942. Graduated from Beijing University of Civil Engineering and Architecture (Bachelor of Architecture). Received Master of Architecture in Tsinghua University and Master of Urban Design in University of California at Berkeley. Worked as teaching assistant and lecturer in Tsinghua University, 1961-1984. As Architecture designer in HPA, Associated Inc. in 1984-1990. As founding partner and design principal in URBAN in 1999-2004. Established own practice in Beijing, 2005.

- 1. Studio Zhu Pei
- 2. Beijing, China
- 3. www.studiozhupei.com
- 4. 10 staff including architects, architectural designers, landscape designers, interior and graphic designer
- 5. 7 projects in progress including 2 projects under construction, 5 projects in different design progress
- 6. Malaya Ruins Museum, Lincun, Guizhou, China, 2005; Chongren Culture and Art Center, Chongren, Jiangxi, China, 2005

EXHIBITION

GA DOCUMENT INTERNATIONAL 2024
第32回(現代世界の建築家)展

The annual exhibition to predict an architectural design trend of the world. 24 architectural offices and the latest news of their on-going projects. In the exhibition, you can see each project's poster, some of models and models. All the projects are published in this issue of GA DOCUMENT 165.

毎年恒例、世界の建築デザインの潮流を探る展覧会。世界で活躍する国内外の建築家24組による、最新プロジェクトを紹介。全作品は今年「GA DOCUMENT 165」に掲載されています。



July 20 sat – September 8 sun, 2024
2024年7月20日[土] – 9月8日[日]

開館時間: 12:00-18:30 会期中無休
入場料: 600円(前売券-団体10名以上-500円)
アクセス: 東京・目黒駅南口 徒歩12分(徒歩12分徒歩2分)



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