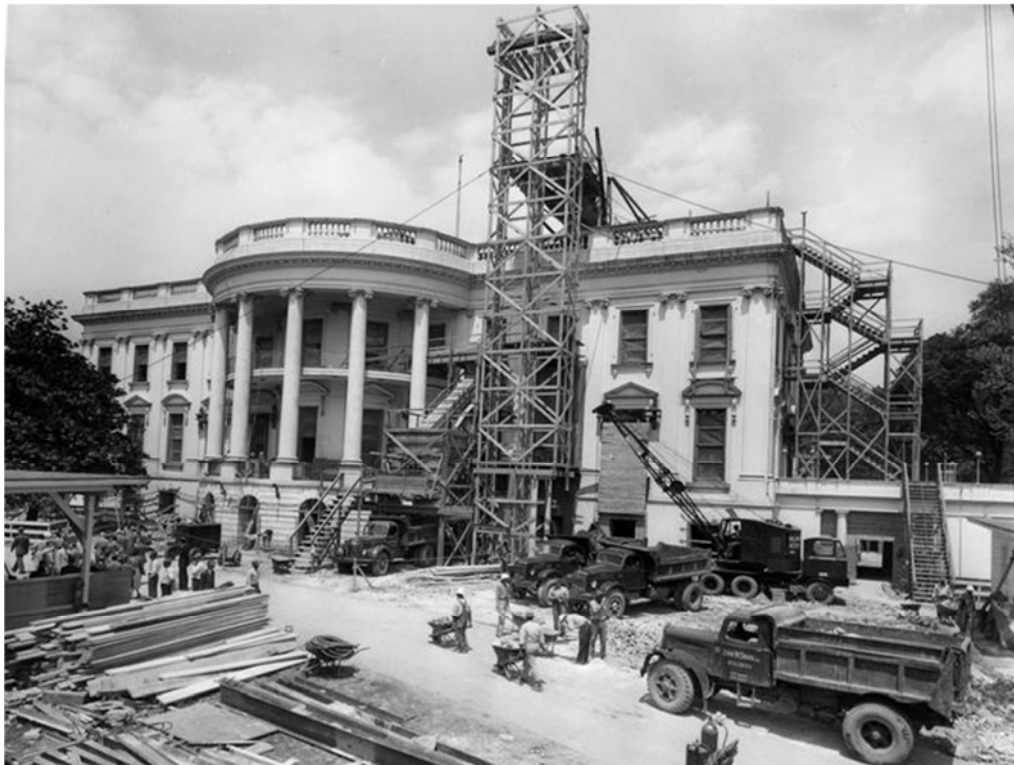
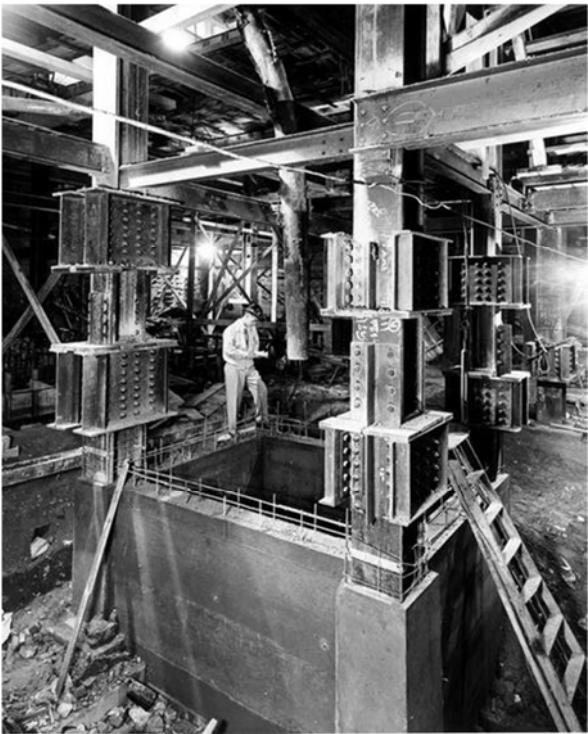


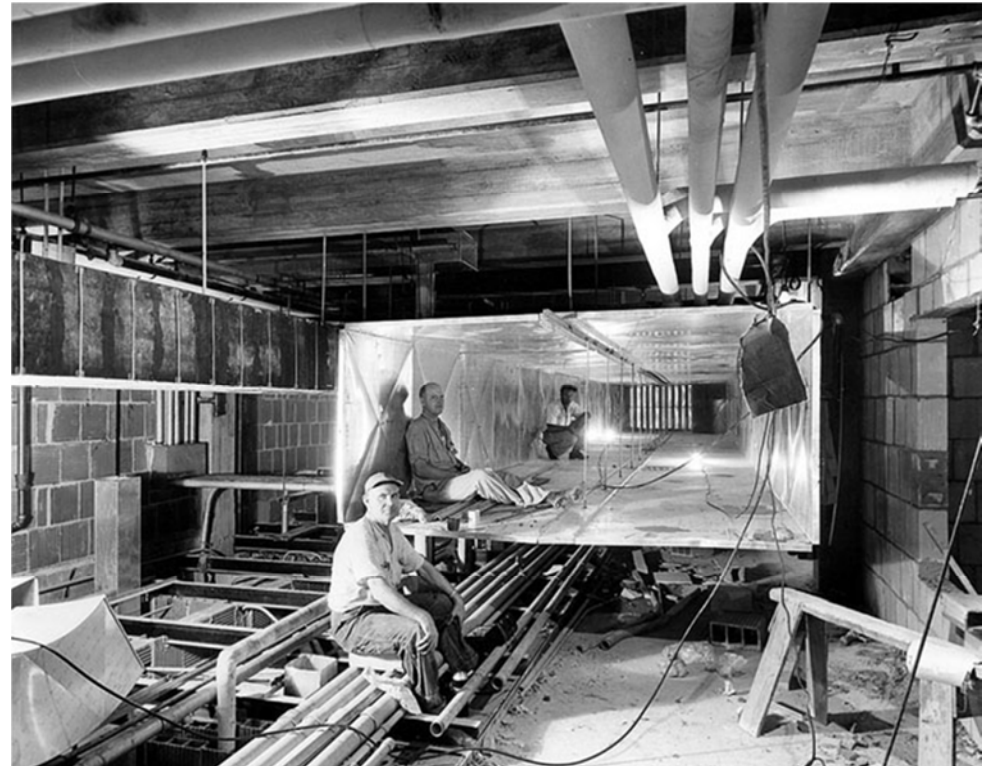
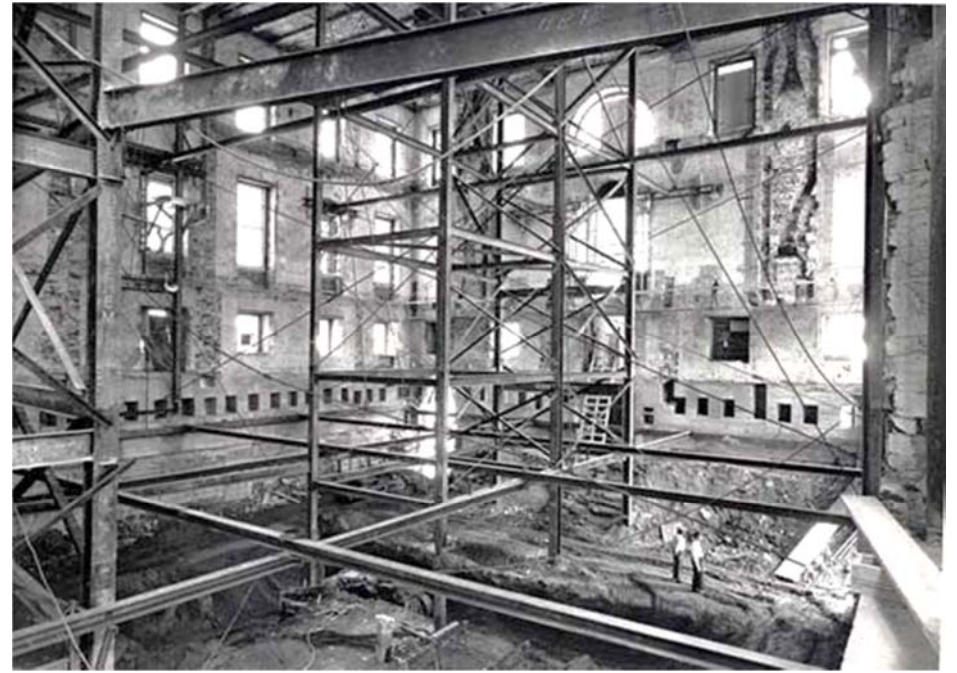
Conversion, Renovation, Strengthening, & Repair of historic buildings

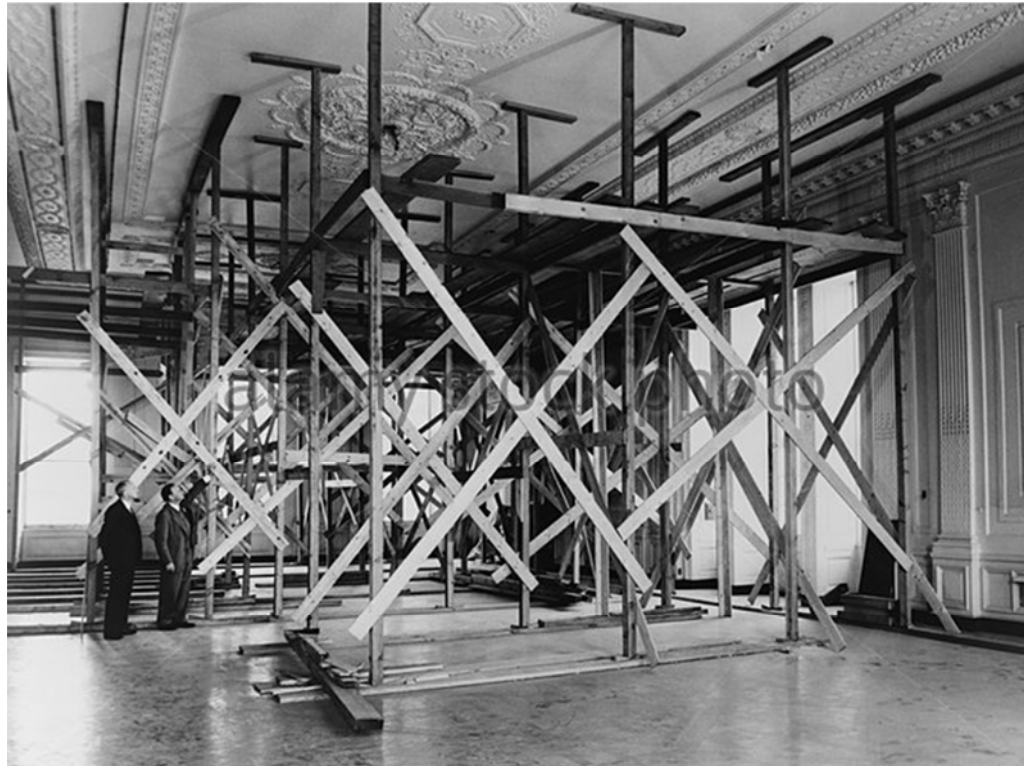
The case of White House

The **White House Reconstruction**, also known as the **Truman Reconstruction**, was a comprehensive dismantling and rebuilding of the interior of the White House between 1949-1952. A century-and-a-half of wartime destruction and rebuilding, hurried renovations, additions of new services, technologies, an added Third Floor, and inadequate foundations brought the Executive Residence portion of the White House Complex to near-imminent collapse. In 1948 architectural and engineering investigations deemed it unsafe for occupancy and **President Harry S. Truman**, his family, and the entire residence staff were relocated across the street. For over three years the White House was gutted, expanded, and rebuilt. The scope, costs, and historical authenticity of the work were controversial, with the reconstruction being called both structurally essential, and a disaster.







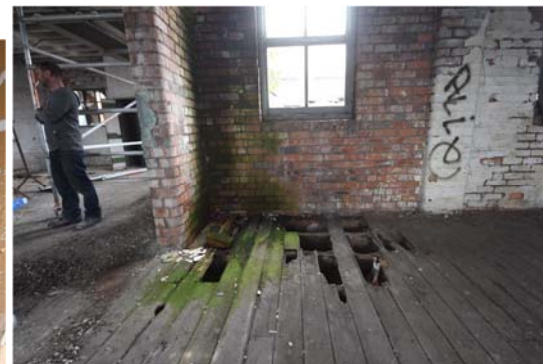






Carrying out a condition survey for an old building preparing to conserve and revitalize

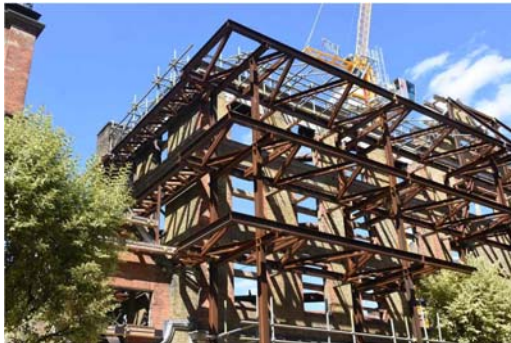




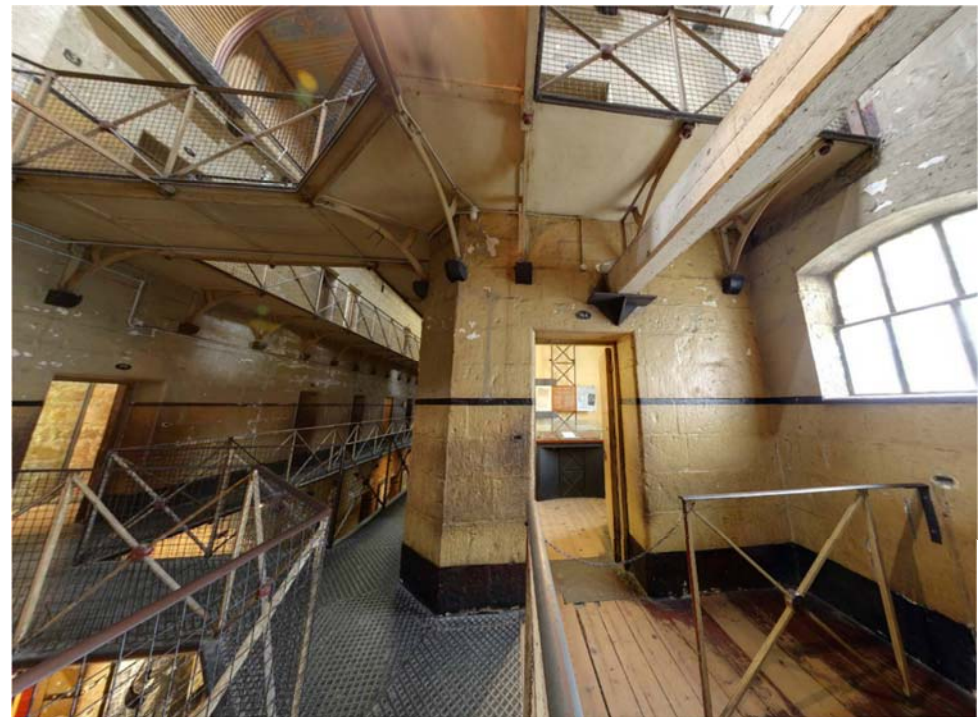
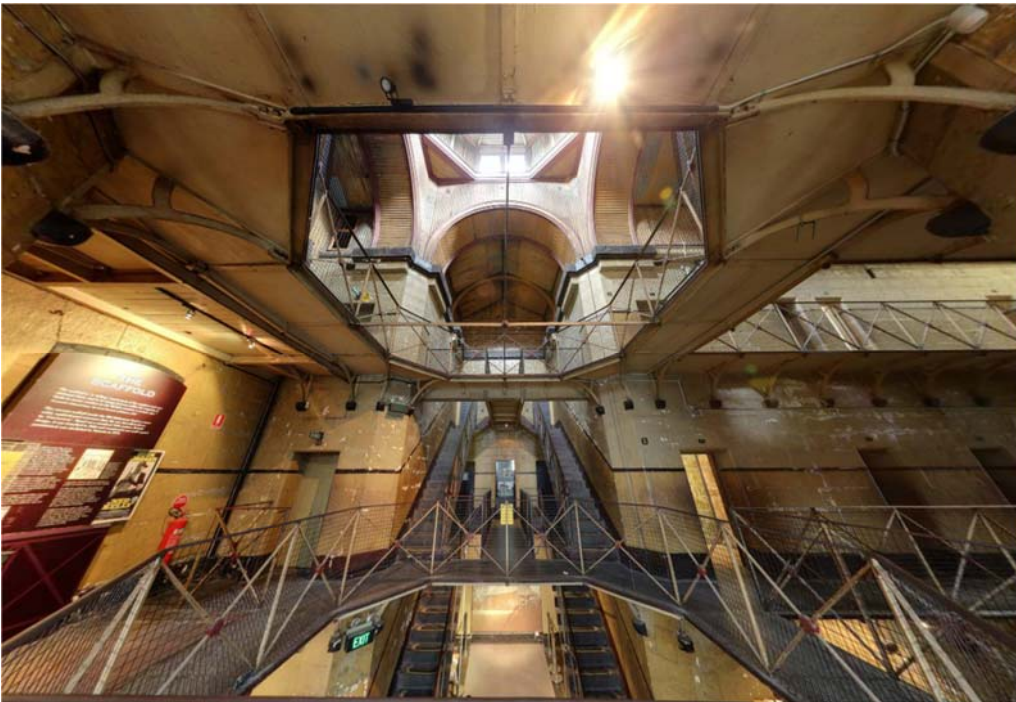
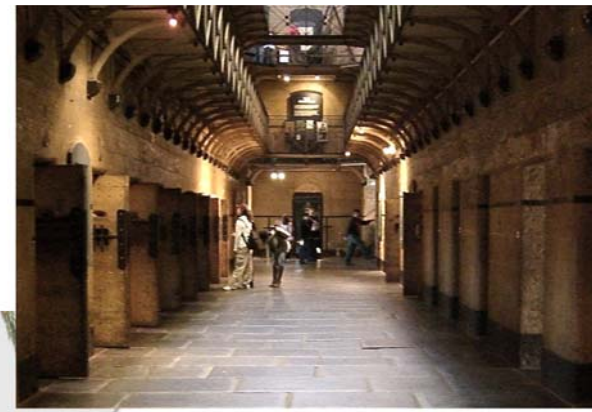


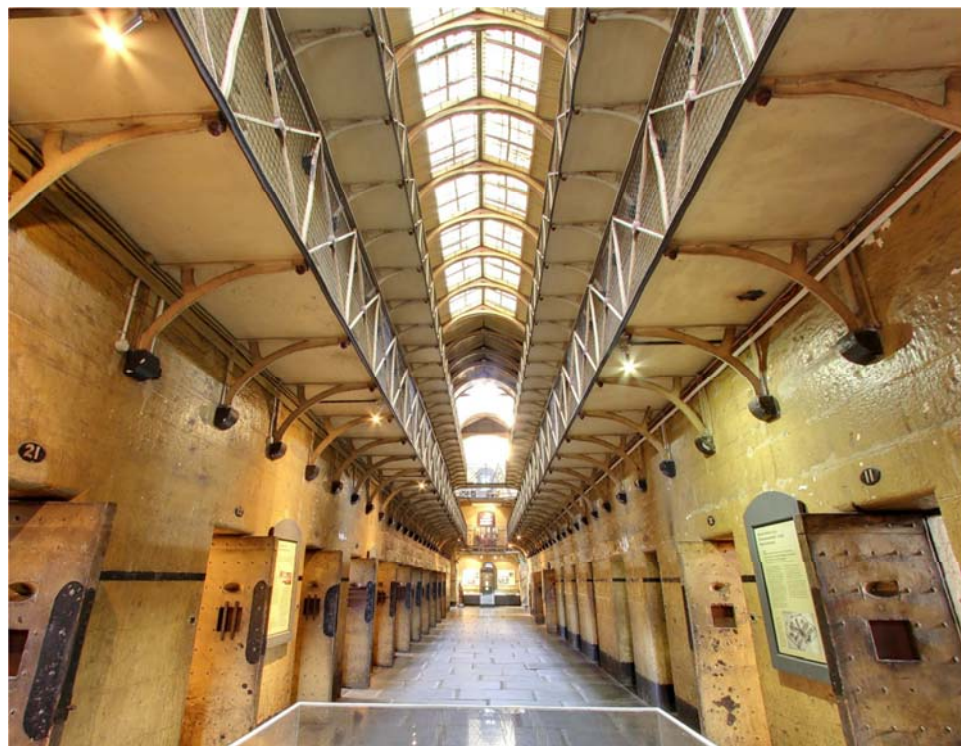
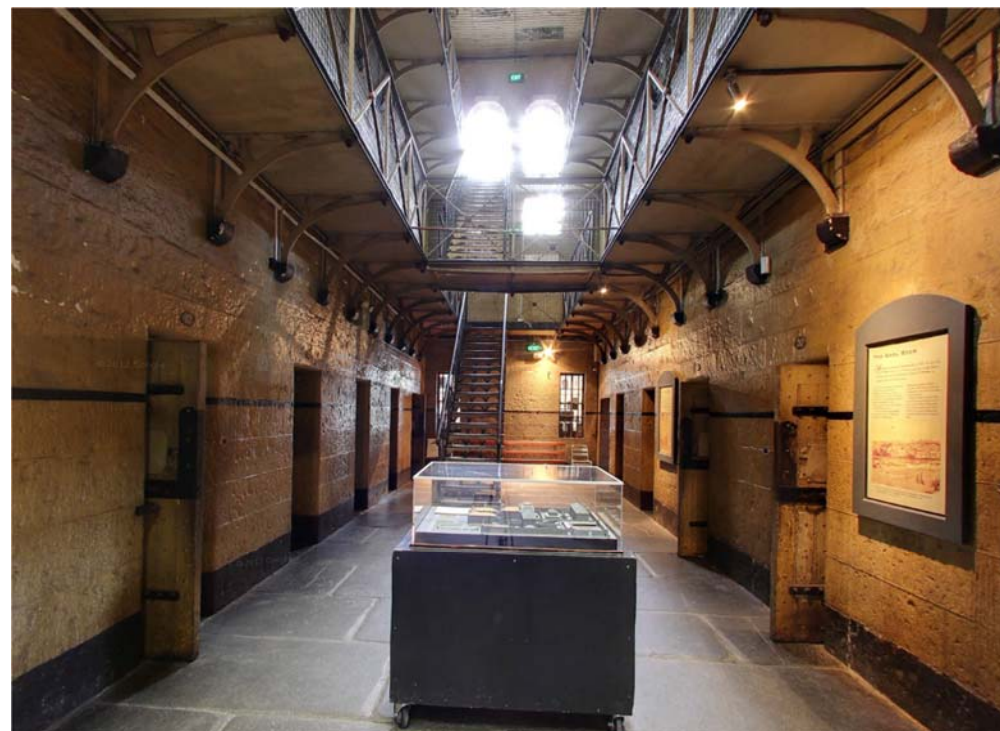
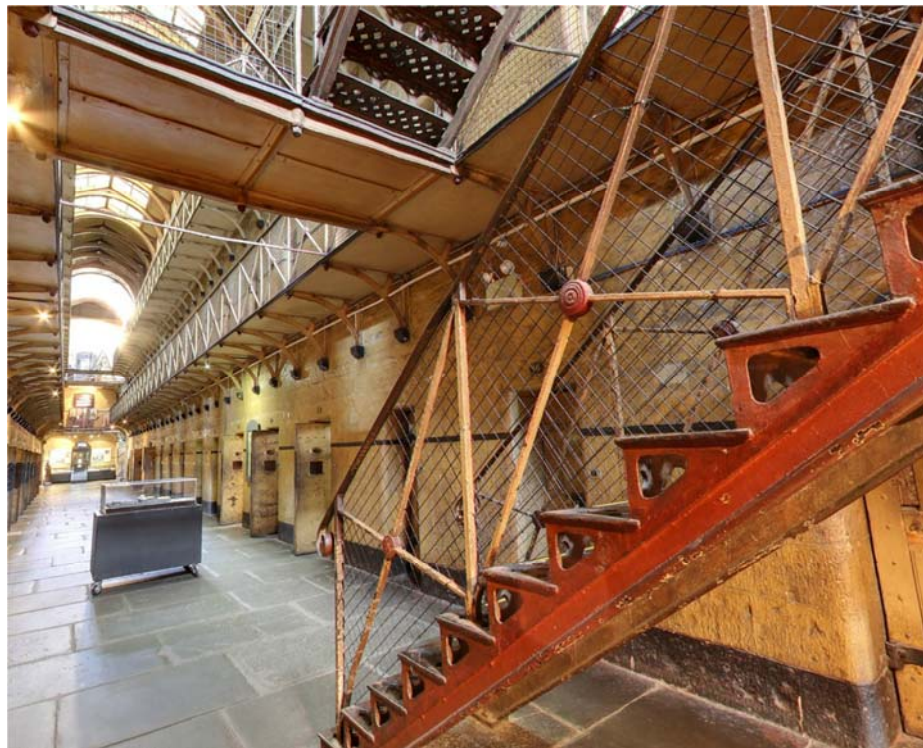
Other examples of significant





A overseas case bears similarity to the
Central Police Complex Project
– the Old Melbourne Goal



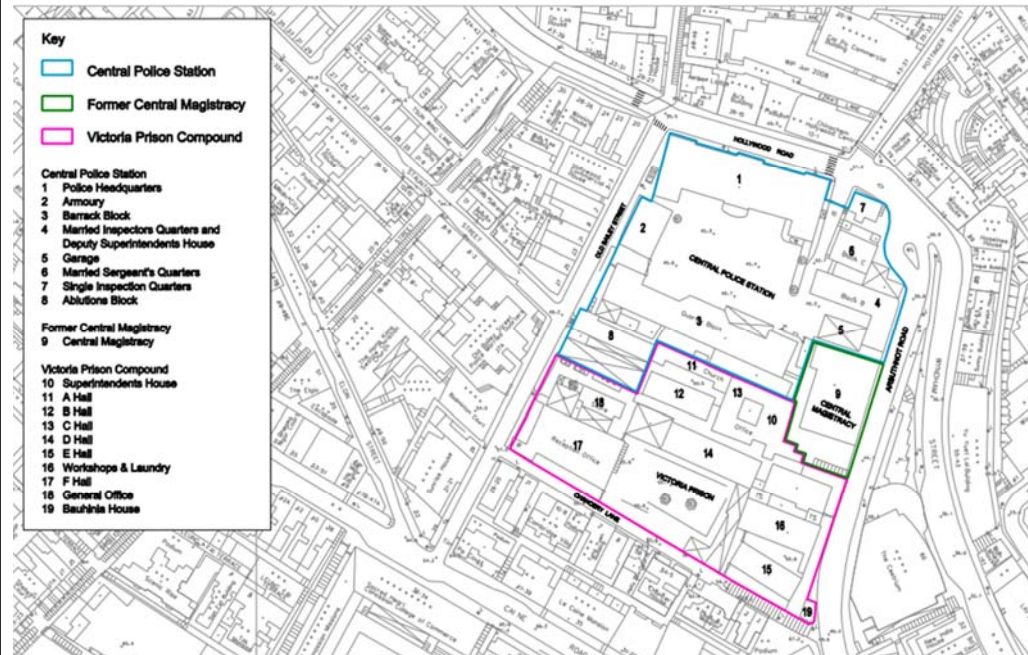


中區警署活化計劃



賽馬會文物保育有限公司
The Jockey Club CPS Limited

Central Police Station Conservation and Revitalisation Project 中區警署保育及活化計劃

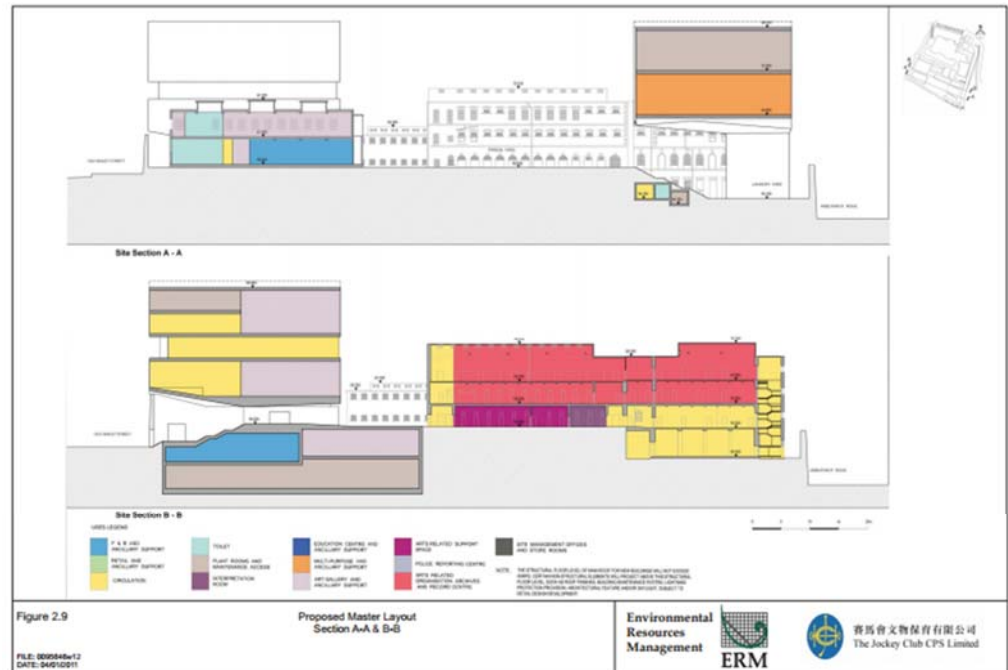
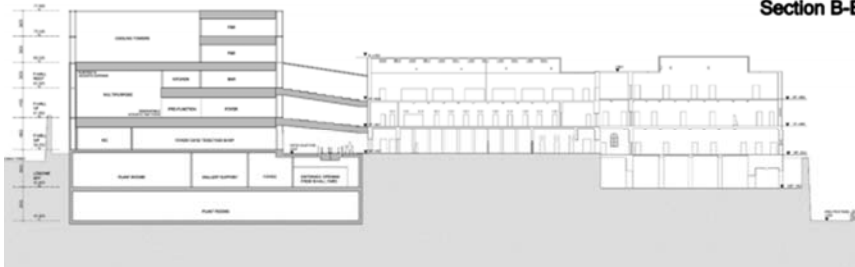


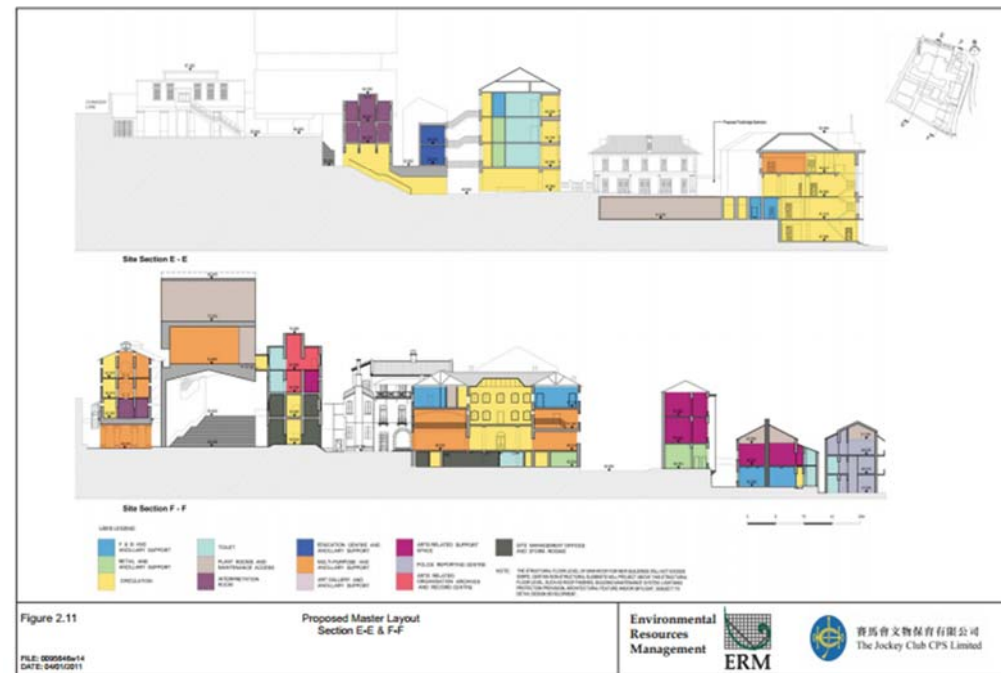
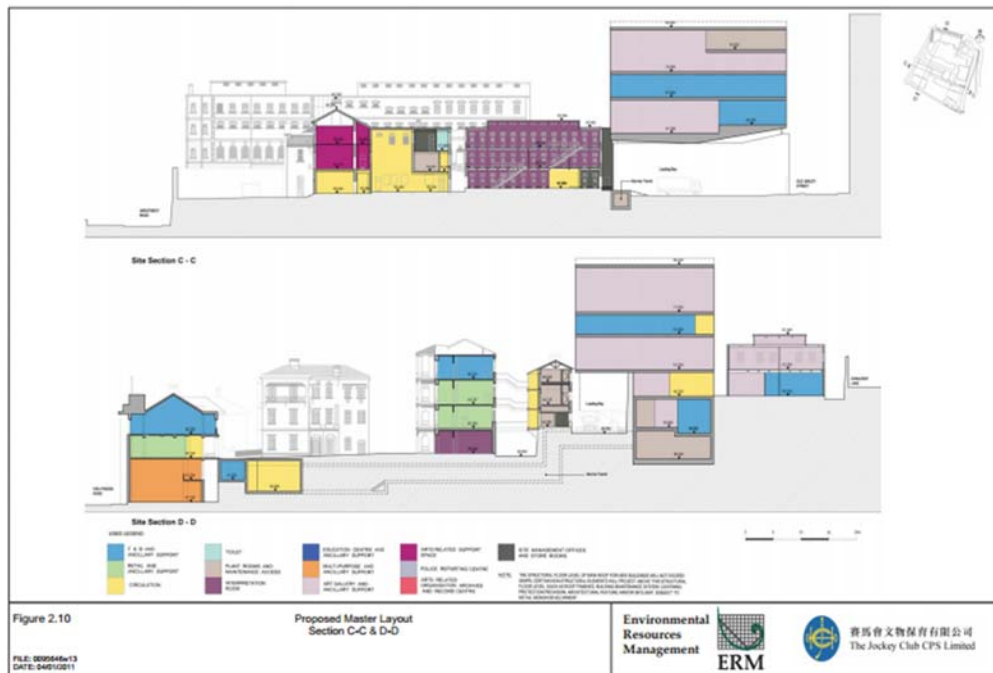


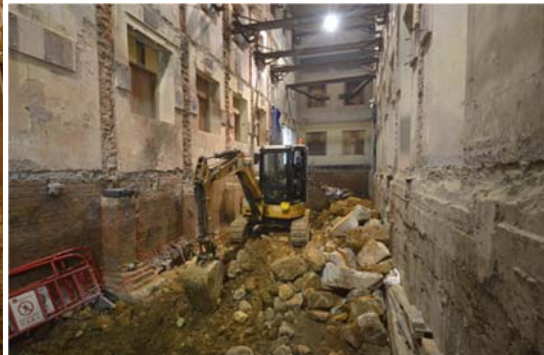
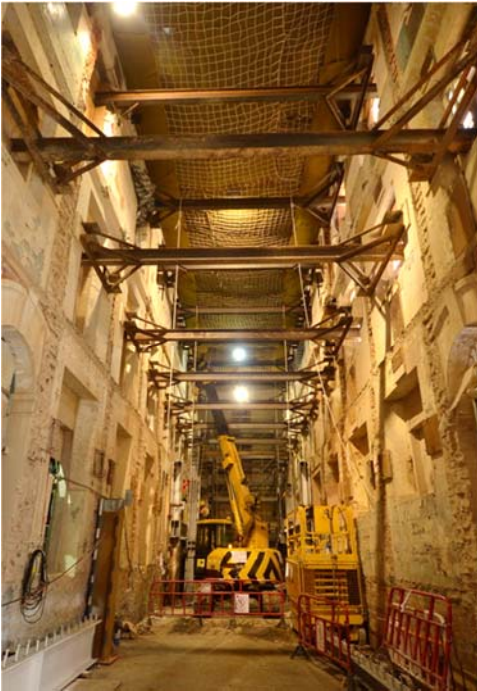
Section A-A



Section B-B









Collapse of a minor staff quarters during the renovation process
(September 2016)



The redevelopment Lee Tung Street under URA

皇后大道東戰前樓宇翻修活化項目

(利東街/喜帖街重建)



Pre-war building to be preserved and revitalized for the Lee Tung Street redevelopment project







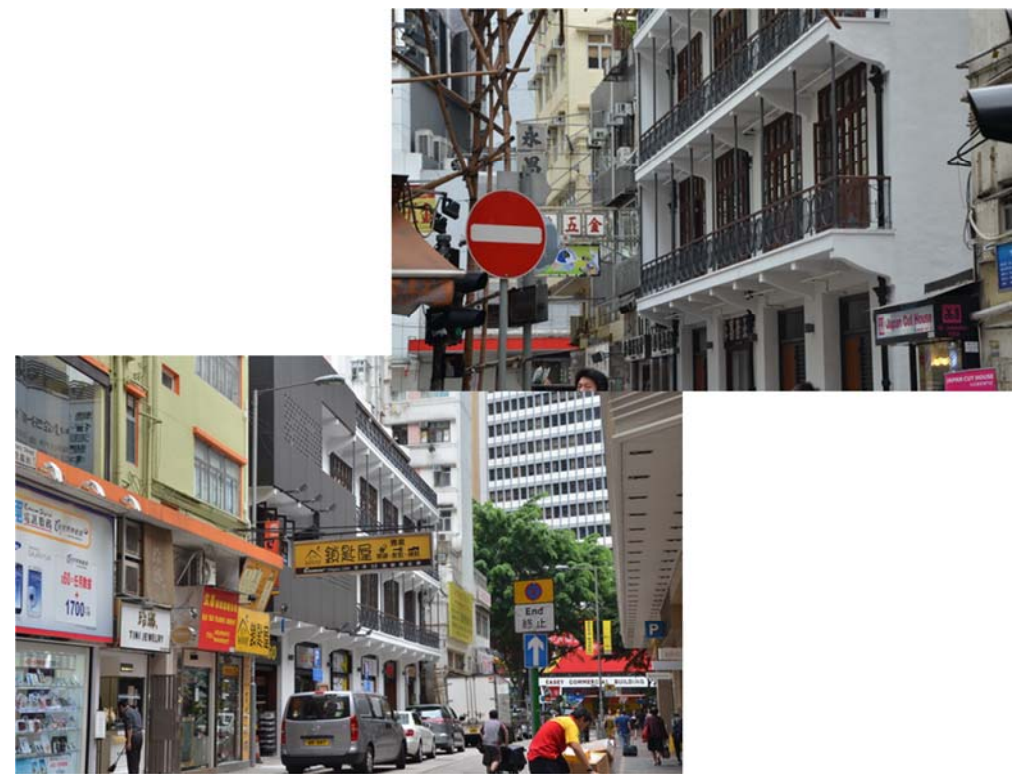




The case of Green House in Wanchai

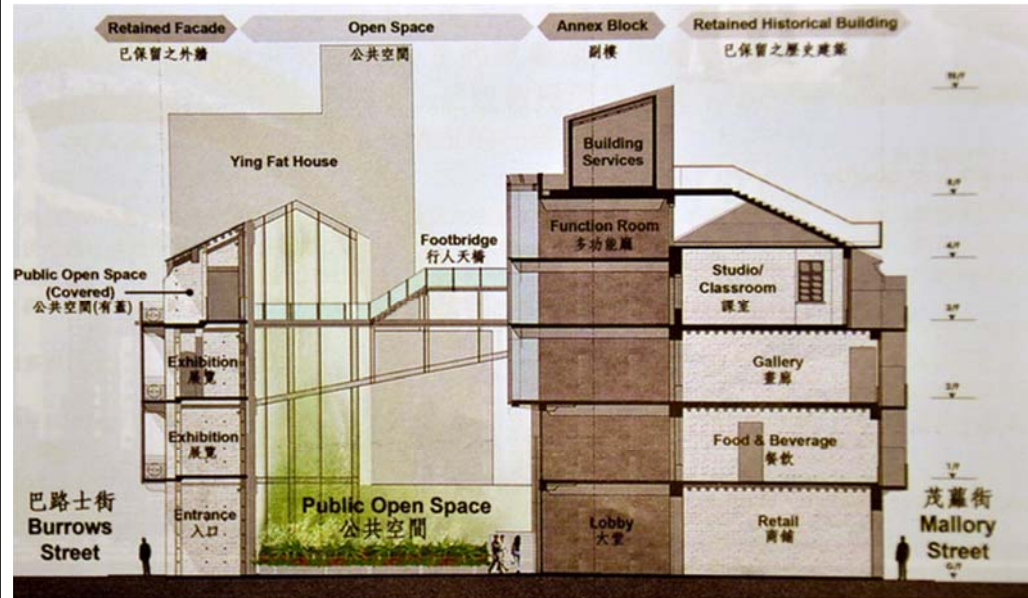
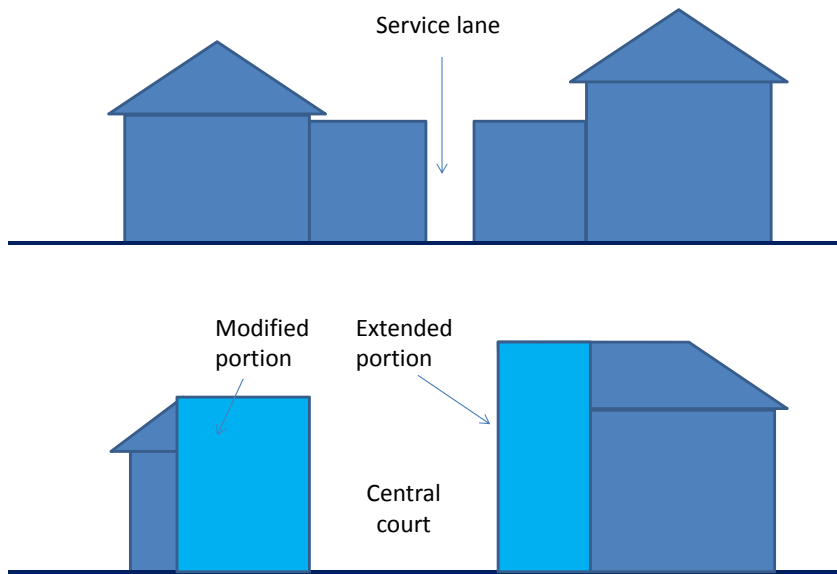
灣仔巴路士街戰前樓宇改造活化計劃



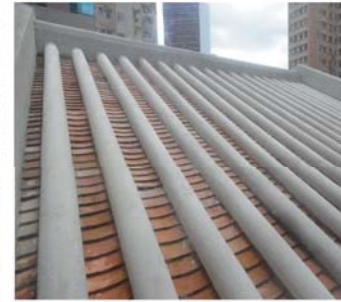
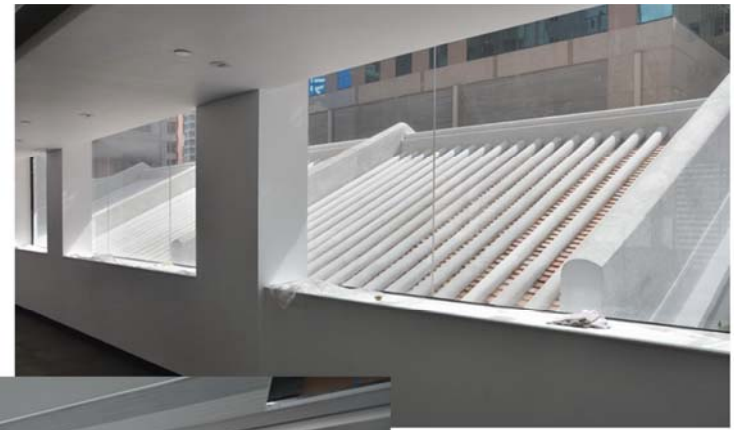


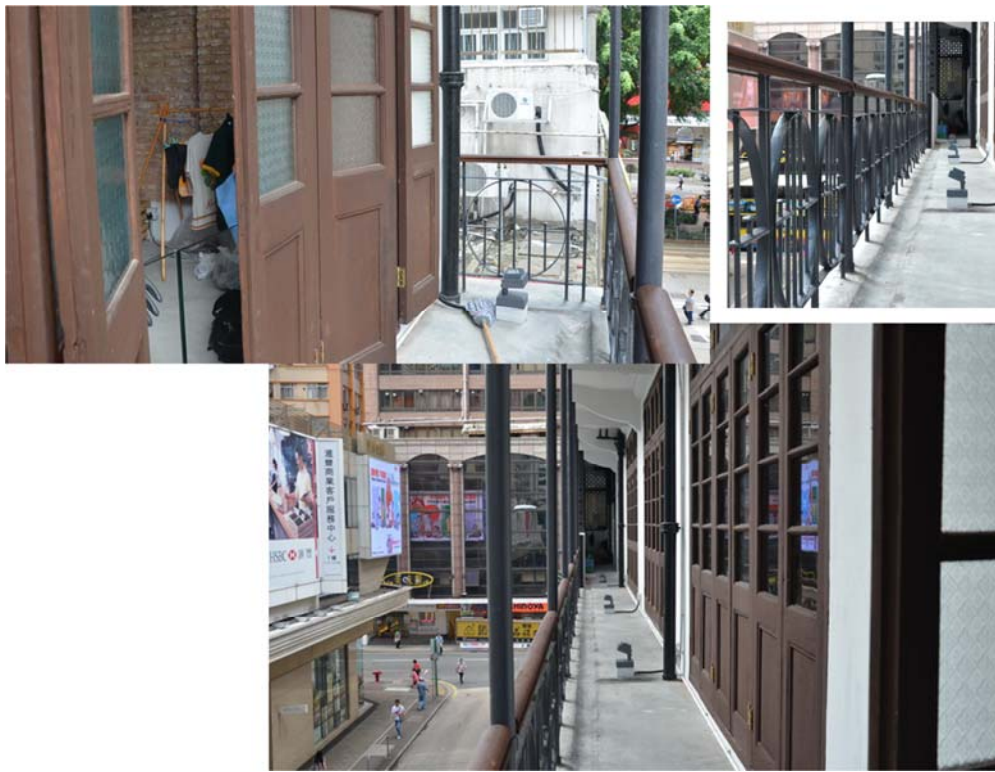
Barrow Street

Mallory Street



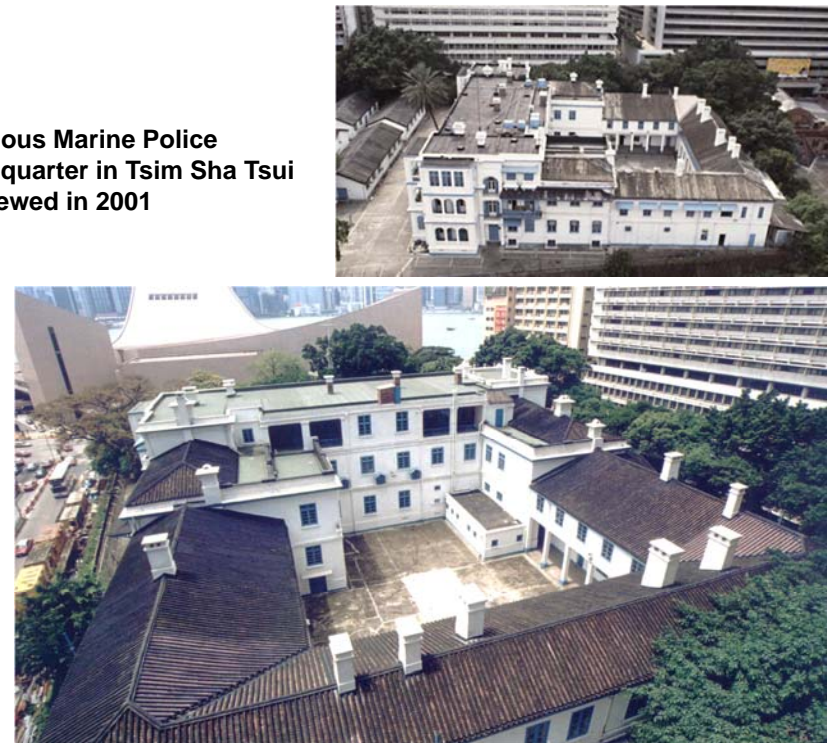


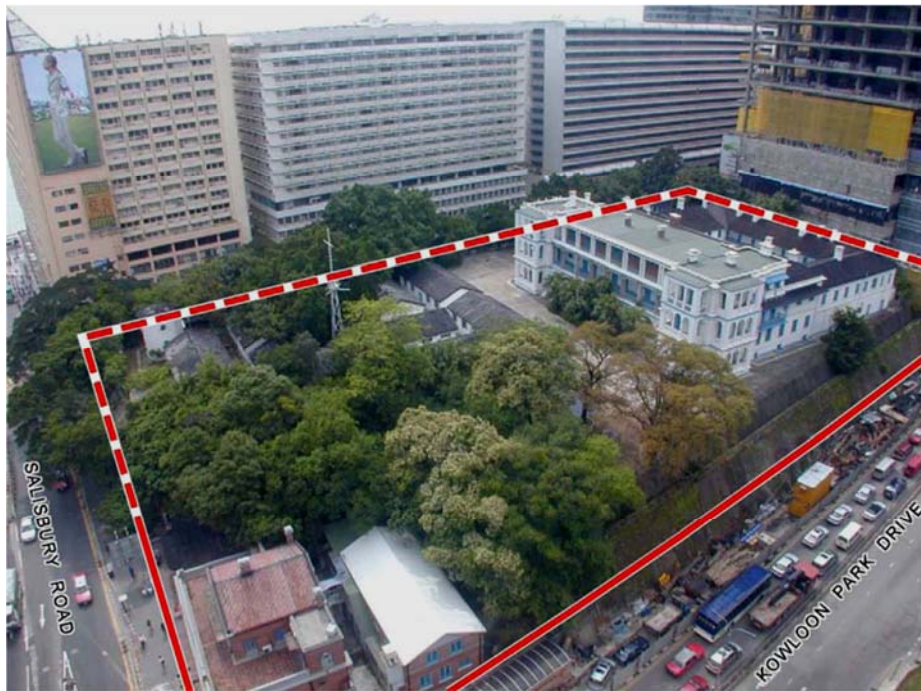




Revitalization of the previous Marine Police Headquarters in Tsim Sha Tsui

Previous Marine Police
Headquarter in Tsim Sha Tsui
as viewed in 2001





Physical condition of site as seen in 2001



Previous Marine Police
Headquarter as viewed in
May 2004 just after the
handing over to the developer



← Track
alignment of
the MTR
Kowloon
Southern Link

Formation of site as seen in late 2006



Formation of site as seen in mid 2005

Small sloppy ground before and
after the removal (note the two preserved
trees in the two photos)





Formation of site as seen in December 2007



Formation of site as seen in late 2008



Revitalization of the former Marine Police Headquarters project at its completion stage in May 2009



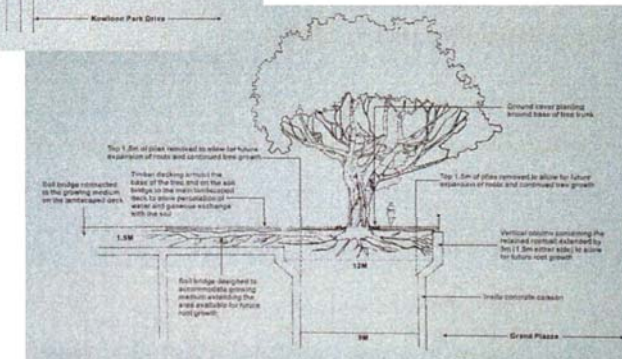
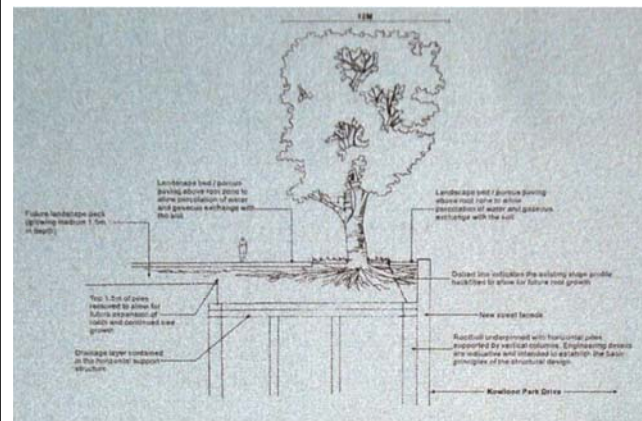
Previous slope being cut and the building stands on top of a newly-cut terrace with vertical sides of cut tie by pipe-pile wall and ground anchor.

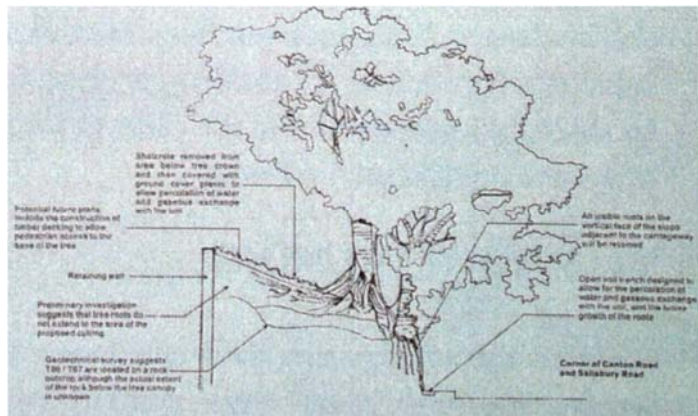


Another engineering feature of the project is to preserve four old trees. The involved work is to underpin the tree together with its root, support it on an elevated position until the completion of the podium structure. The tree will then be seated onto the new structure again to allow it to grow healthily as usual.



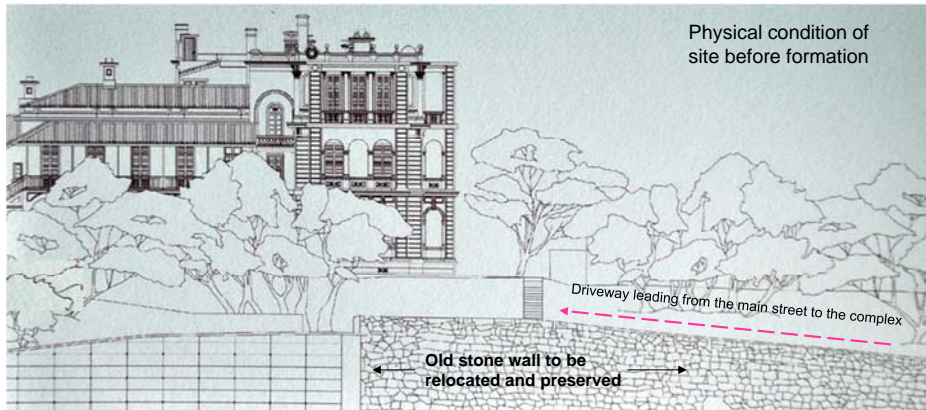
The trees finally transplanted in their designated position forming part of the terrace landscape





Another preserved tree which has been attached to an old stone wall since 1910

The tree before and after the preservation

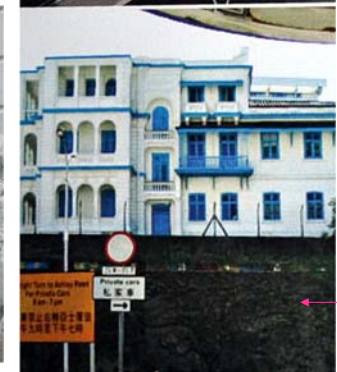


new pedestrian step way formed after re-alignment

Using the old stone block to re-construct a new re-aligned wall



Re-aligned stone wall using the original material



Old stone wall before relocation by setting-back



Elevation of the original stable block



Re-tile the roof of a service hut at the rear of the previous headquarters building





The stable block after renovation



Ridge of roof as seen in 2001 and 2008



Re-pave the floor



Representative revitalization cases in Shanghai



里弄是上海的城市特色，既结合建筑布局、小区组成，及现实的起居，构成上海平民生活与坊众文化的一部分。这又可与北京的胡同，广州的街巷，形成一个相互的对照。图中所见为虹口区一带的里弄民居。



高级的花园里弄



2009年所見的北外灘





北外灘原以建於上世紀初
的英國領事館為核心，
現正進行全面翻新



2009年七月北外灘重建工地







具代表性近年經翻修及適當
應用的歷史建築例案：
馬勒公寓，2003年翻修後成為
現今的衡山馬勒別墅飯店



The conversion of a
warehouse into a deluxe
restaurant and club house





Representative cases - Repair and Recovery Projects
after the 2015 earthquake in Kathmandu in Nepal




不少具深厚歷史的古建築也受損嚴重，部分甚至倒塌。









中华人民共和国援尼泊尔加德满都杜巴广场九层神庙修复项目

China Aid Restoration Project of Nine-Storeyed Basantapur Tower at Durbar Square of Kathmandu, Nepal

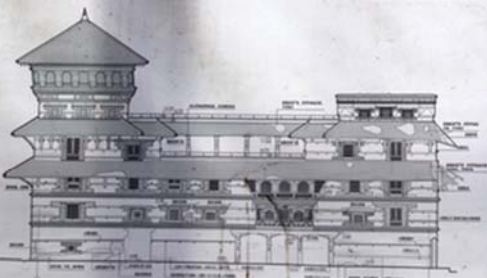
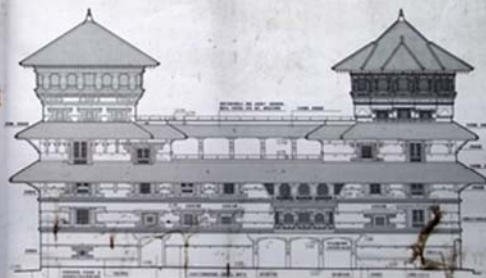
修复理念

Philosophy of restoration

(1) 在历史文化研究的基础上，运用多种科技手段对现场病害进行充分调查，制定科学可行的方案。
Based on the study of history and cultural background of the architecture, using various technique to conduct survey for damage analysis and make feasible scheme for restoration.

(2) 根据方案对九层神庙及附属建筑进行修复与加固。
Restore and reinforce the Nine-Storeyed Basantapur Tower and its auxiliary buildings according to the project scheme.

(3) 通过本次修缮，将与尼泊尔传统建筑砖砌体砌筑、木构建筑操作规范施工工艺，用于指导今后维护工作。
By cooperation with Nepalese side, the project will summarize the Operation Specifications of brick masonry and wooden crafts of Nepalese Traditional Architecture as technical reference documents for maintenance by Nepalese side.

Lohan Chowk 宽院东立面现状图

Lohan Chowk 宽院东立面设计图

中国援助

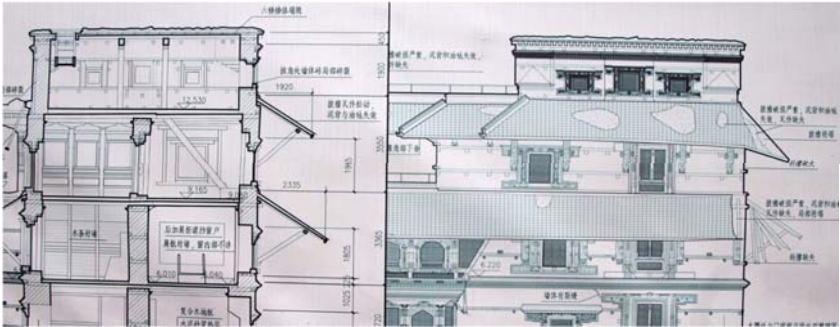
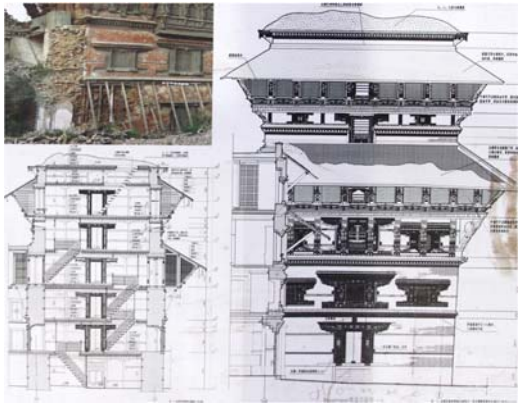
CHINA AID

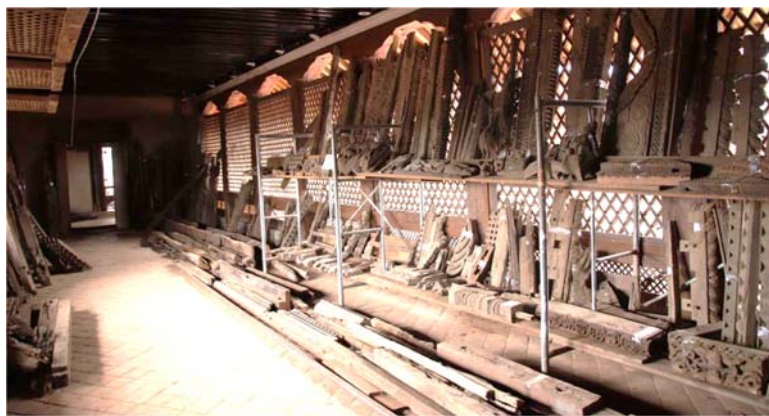
中华人民共和国商务部
MINISTRY OF COMMERCE OF
PEOPLE'S REPUBLIC OF CHINA

尼泊尔文化旅游与民航部
MINISTRY OF CULTURE, TOURISM AND CIVIL AVIATION OF
THE GOVERNMENT OF NEPAL

项目支持部门：中华人民共和国国家文物局
PROJECT SUPPORT DEPARTMENT: STATE ADMINISTRATION OF
CULTURAL HERITAGE OF PEOPLE'S REPUBLIC OF CHINA

项目管理机构：商务部国际经济合作事务局
PROJECT MANAGEMENT AGENCY: AGENCY FOR
INTERNATIONAL ECONOMIC COOPERATION, MOFCOM





Recollect the remaining items of value for reinstatement



Recollect the remaining items of value for reinstatement





Minor touch-up
of the
recollected items





Other repair and recovery cases not sponsored by China Government



Other repair and recovery cases not sponsored by China Government





End of presentation