

**COLUMBIA UNIVERSITY
GRADUATE SCHOOL OF ARCHITECTURE, PLANNING AND PRESERVATION
ADVANCED STUDIO Spring 2016**

Critic: Zhu Pei TA: Zoe Florence

**Studio Theme: Nature Inspired Design
Language: Materiality and Typology**

Part 1

As an experimental test, our studio will focus on Language, Materiality and Typology. As a point of departure, this studio will begin with studies and experiments of architectural space typology and material inspired by the natural phenomenon, such as climates, wind, light etc..

The first part of the studio will consist of a series of intuitive studies of particular local primitive building space typology and material with distinct languages. This exercise will be accomplished through the production of many “language fragments” (analytical drawings, physical model studies).

Part 2

**Dali Museum of Contemporary Art,
Dali, Yunnan, China**

Located in Dali, Dali Museum of Contemporary Art sits on the bottom of the Cangshan mountain adjacent to Buddhist pagoda of Tang Dynasty. The Museum aims at being a public cultural place to revitalize abandoned historical heritage. The inventions of its flexible programs are integral to a new architecture and central to the studio problem.

Museum Programs

Exhibition	4000 m ²
Cafe/ Book Store/ Design store	400 m ²
Education	300m ²
Office	300m ²
Storage	1000 m ²
Public, Parking	1000m ²
Total	7000 m ²
Total Site Area	11,359 m ²

Height restriction of the building is ≤18 m.

The programs are flexible, students can propose basing on understanding both local culture and future art museum.

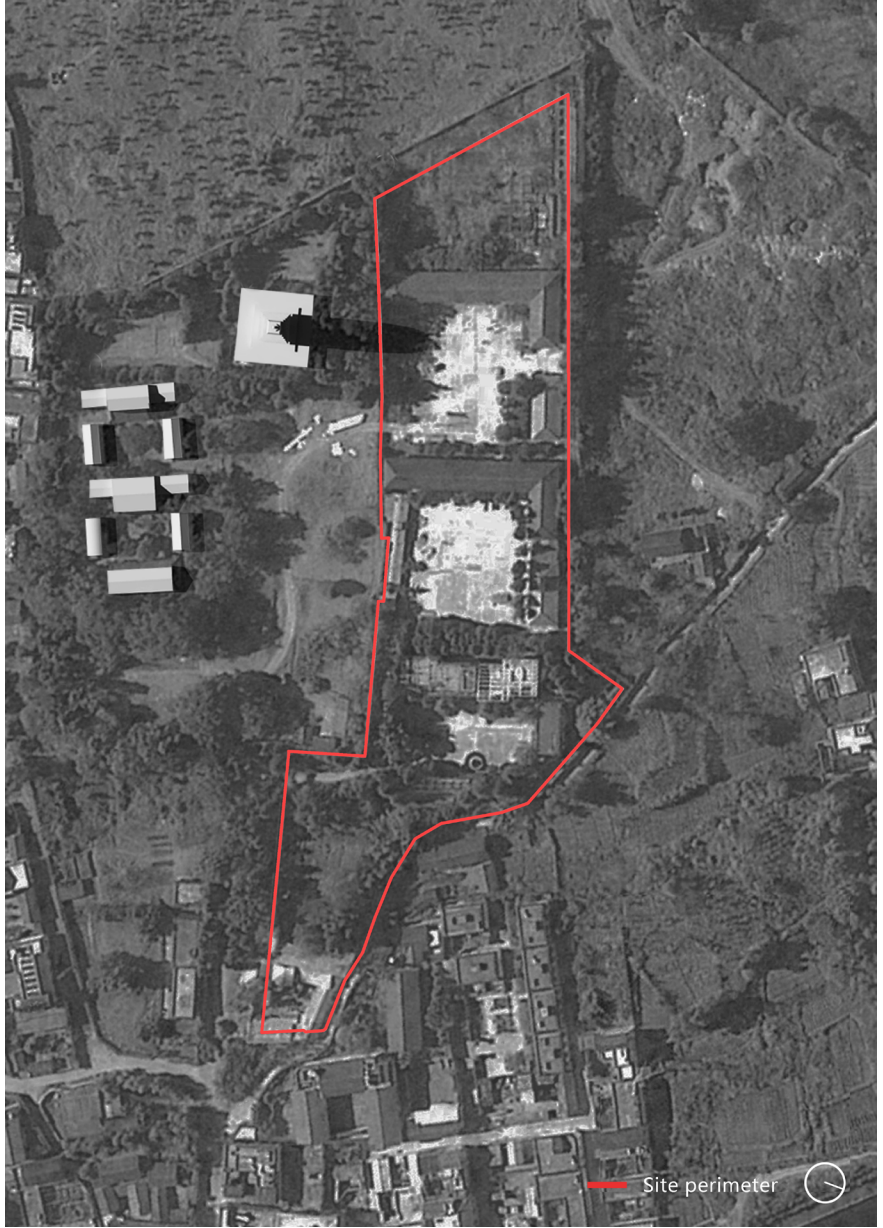
The final presentation will include big scale physical study models and a two minutes video focused on materiality and space typology. Architecture can be teamwork. Students may work in teams of 2.



Dali City



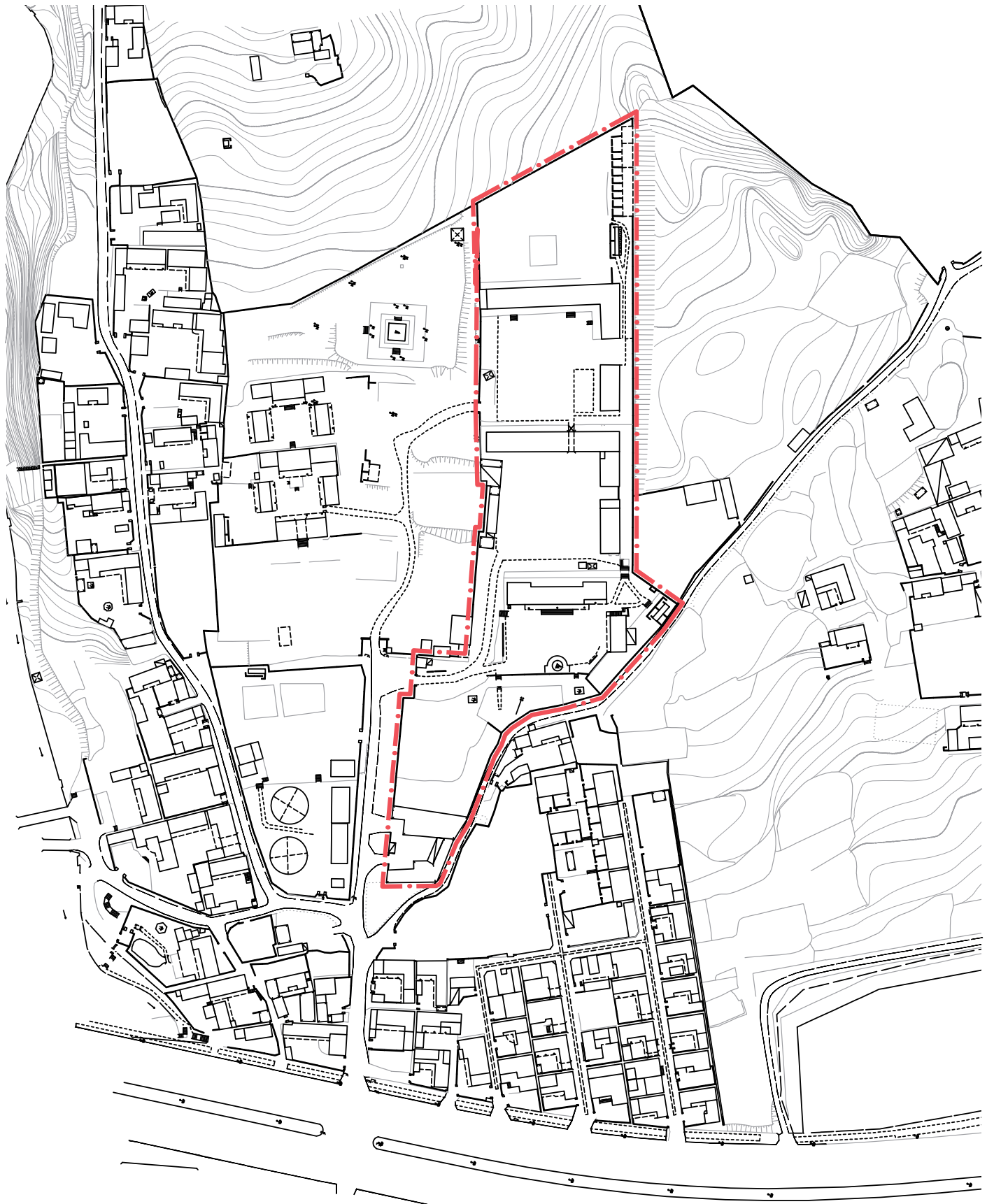
Local Vernacular Architecture



Site



Historical Heritage



Site



Schedule

Wednesday Jan. 20, Studio Lottery
Friday Jan. 22, first day of Studio (ZP+ZF)
Monday Jan. 25, desk critic (TA)
Thursday Jan. 28, desk critic (ZF)
Monday Feb. 1, desk critic (ZP) PIN UP
Thursday Feb. 4, desk critic (ZP+ZF)
Monday Feb. 8, desk critic (ZF)
Wednesday Feb. 10, desk critic (ZF) PIN UP
Monday Feb. 15, desk critic (ZP) PIN UP
Thursday Feb. 18, desk critic (ZP+ZF)
Monday Feb. 22, MID-REVIEW (ZP+ZF)
Thursday Feb. 25, desk critic (ZF)
Monday Feb. 29, desk critic (ZF)
Thursday March 3, desk critic (ZF)

March 7–11 Kinne Trip Students travel to Beijing/Dali, Yunnan
Monday March 7, desk critic in Beijing (ZP)
Friday March 11, desk critic in Beijing (ZP)
March 14–18 Spring Break

Monday March 21, desk critic (ZP) PIN UP
Thursday March 24, desk critic (ZP+ZF)
Monday March 28, desk critics (ZF)PIN UP
Thursday March 31, desk critics (ZF)
Monday April 4, desk critics (ZP) PIN UP
Thursday April 7, desk critics (ZP+ZF)
Monday April 11, desk critics (ZF) PIN UP
Thursday April 14, desk critics (ZF)
Monday April 18, desk critics (ZP) PIN UP
Thursday April 21, desk critics (ZP)
Monday April 25, desk critics (TA) PIN UP
Sunday May 1, desk critics (ZF)
Tuesday May 3, FINAL REVIEW (ZP+ZF)