The medical library is in the crossing of two main axis in the campus, which lead people to the library.

B. CROSSING OF TWO MAIN AXIS

LOCATION

CONCEPT

FORM GENERATION

STRUCTURE CONCEPT

FACADE CONCEPT

C. PROGRAM COOPERATION

Yale Medical Library

Clinical medical librarian program (1975)

Liaison librarian program (1997)

Personal librarian program (1997)

Medical College Research Hospital

Personal librarian

Medical students

Subject librarian

Doctor Patient Researcher

Hospital Laboratory Company Research Medical College

Ore

400 Tons per Foot

240 Tons per Foot

170 Tons per Foot

Grab Bucket Ship Travelling Bridge Gantry Crane

1. short strip and long strips

2. extend end better view

3. connect: less facade, more sustainable

REMAINING ORE WALLS

764 m

694 m

662 m

679 m

157 m

34 m

53.4 m

30 m

5 m

4 m

TRUSS

Reflect history

Liberate ground floor

Medical Library

Name: Jia Chen

Studynumber: 4234715

Group strategy & Individual Concept

P5 - 20140626
Medical Library
Name: Jia Chen
Studynumber: 4234715

A. MEDICINAL PLANT GARDENS
B. BUILDING

Scenes in medicinal plant gardens:
- Public Function
- Service Function
- Lobby
- Attractive point
- Routing

Ground Floor Plan  Scale 1:200
1. Solar panels
2. Inverter
3. Electric meter
4. Electric utility grid
5. Electric meter

Base: existing ore wall
Each strip has its own supports
Three main strips have independent structure
Two serves parts hang between them

Heating and Cooling: Thermal properties of the water
Generate electricity: solar panel

Medical Library
Name: Jia Chen
Student number: 4234715
Structure & Climate
Medical Library

Name: Jia Chen
Studynumber: 4234715
Fragment - Detail

Situation 1: closed - strong sunshine
Situation 2: twist angle - weak sunshine
Situation 3: slide to one side - cloudy