An Extension to Östasiatiska museet
transforming from traditional Asian wood structure language

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In praise of shadow writes: when we gaze into the darkness that gathers behind the crossbeam, beneath the shelves, though we know perfectly well it is mere shadow, we are overcome the feeling that in this small corner of the atmosphere there region complete and utter silence.

There is always a strong character of OKU (which means depth) inside the traditional Japanese wood construction, which fascinating me a lot. My thesis is about study the structure and spatial language and translating traditional language to formulate a space with that quality of depth/oku.

Site is been choose in far east museum in Skeppsholmen, and my thesis is working on an addition to the original far east museum, As it was ropewalk manufactory early days, long and narrow, it doesn’t have its own identification, that’s why nowadays it’s more like a belonging facility attached to modern museum and being ignored by most citizens.
Takasuga House, Japan, 1970

interior
related to "In Praise of Shadows", showing the mysterious "OKU" quality of atmosphere in wood construction.

Yoshijima House, Japan, 1908

interior
related to "In Praise of Shadows", showing the mysterious "OKU" quality of atmosphere in tradition wood construction way.
Yu-Hua Palace, ShanXi, China
section show wood structure

A Study of Chinese Traditional Wood Structure

Model 1:20
A Study of Japanese Traditional Wood Structure

Katsura Imperial Villa, Japan. 1883

Model 1:20
original plan and elevation of Ostasiatiska museet building
Site Model 1:500
Site Model 1:125
showing relations between elements in the site
Site Model 1:125
showing relations between elements in the site
Plan 1:100, extension plan with original museum plan
Section 1:50 with detail drawing
Diagram showing roof profile created according to “YingZaoFaShi” from China

Structure test process
interior image by model 1:40, standing point B
interior image by model 1:40, standing point A
interior image by model 1:40, standing point A
interior image by model 1:40, standing point B