

# EARTHWORKS CENTER

MIRASAKA, MIYOSHI, HIROSHIMA

Canadian green design award 2002 / grand prize  
American Wood Design Awards 2002 / Merit Award 2000

This Meeting Room/Archive for Earthworks Projects is a small addition to the existing facilities of Dam construction.

Our challenge was to come up with a structure / finish that achieved maximum volume at minimal costs in the process of creating a piece of architecture that symbolizes the activities of Earthworks Projects.

To create a building which embodies the activities of Earthworks Projects, we adopted a design in which the relationship between the structure and the finish is reversed. We set up a simple structure by arranging a row of gate-shaped frames (75mm dimension) and lining the interior with structural plywood. We then covered the exterior of the walls, and the interior surface of the ceiling, with a translucent film of corrugated polycarbonate, to allow sunlight to filter through the film and cast dim light on the floor and the ceiling through gaps in the plywood finish. The texture of the coniferous plywood emerges in the soft light.

award : Canadian Green Design Award 2002, Grand prize / American Wood Design Awards 2002, Merit award / Architecture+ Award 2004, Finalist

location : Mirasaka, Miyoshi, Hiroshima

client : Mirasaka town

principal use : meeting room

design period : 1999.11~2000.01

construction period : 2000.01~2000.03

architect : Hideki Yoshimatsu+archipro

project architect : Hideki Yoshimatsu, Michio Maeda

structural engineers : archipro + SDA (Syoichi Kitajima)

general contractor : Chihaya komuten

site area : 5,249.00 m<sup>2</sup>

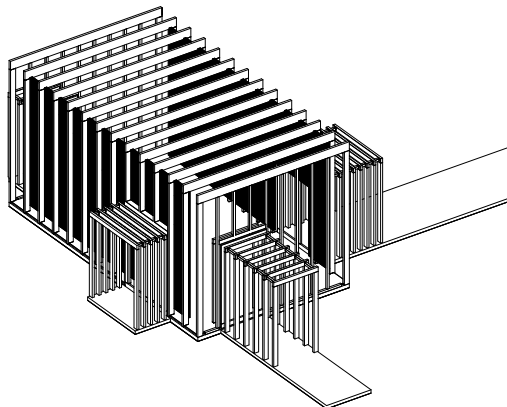
building area : 33.54 m<sup>2</sup>

total floor area : 33.54 m<sup>2</sup>

structure : wood

scale : 1 story

issue : SINKENCHIKU 0008 / Wood Design & Building winter 2002 / hinge 0406 / Phaidon Atlas



Structural design

