LA DALLMAN

Re-fabricating the city
Milwaukee Art Museum
2001
Transcend object fixation in favor of civic space?
Leverage economy and material culture?
Mine site to reveal latent potential?
Milwaukee

"Feeds and Supplies the World."
Transcend object fixation in favor of civic space?
Leverage economy and material culture?
Mine site to reveal latent potential?

FABRICATED LANDSCAPES
Transformed Terrain
LAYERING
THE APERTURE
MATERIAL CULTURE
FABRICATED LANDSCAPES
LAYERING
THE APERTURE
MATERIAL CULTURE
FABRICATED LANDSCAPES
MILWAUKEE ART MUSEUM

DISCOVERY WORLD AT PIER WISCONSIN

EXHIBIT SPACE:
6000 SQUARE FEET WITHIN THE GROUND FLOOR CYLINDER
Great Lakes Future

City of Freshwater

Great Lakes Future
hovering SKY

lifting TERRAIN

embedded VIVARIA

excavated ARTIFACTS
Axon of terrain (above). Abstraction of the lake into facets drawn digitally (left). These digital files serve as the construction documents for the fiberglass formwork.
1. DRAW: sketchup to microstation
2. MILL: CNC milled formwork of foam
3. SPRAY: glass fiber reinforced plastic
4. EXTRACT: bathymetry of Lake Michigan
MAKING of the sidewalls
Buckminster Fuller’s Geodesic dome – acted upon by contingency, can we relax the geometry?
Construction documents: table of elevation points for suspension
SKY MOCK-UP
full-scale prototype
WINTER
Cold + Dry
LAYERING

THE APERTURE

MATERIAL CULTURE

FABRICATED LANDSCAPES
Katsura, Japan
HARMONY PROJECT
Milwaukee Ballet, UWM Peck School of the Arts Dance Department, and
The Medical College of Wisconsin, 2013
Gradient House
Milwaukee, Wisconsin

MORE EFFICIENT USE OF SPACE C LIVING ROOM

ARE ROOMS C MORE NARROWER
LAYERING
THE APERTURE
MATERIAL CULTURE
FABRICATED LANDSCAPES
MASSING: The house's interior is engaged with the surrounding landscape; "erosions" pulling the landscape into the interior, "sedimentations" thrusting the interior into the landscape.
A Living Room
B Dining Room
C Kitchen
D Master Bedroom
E Dressing Room
F Master Bath
G Garage
H Bedroom
I Sitting Room
FABRICATIONS: Leveraging the manufacturing heritage of the U.S. rust-belt, the house offered numerous opportunities to collaborate with fabricators and local craftsmen. The studies in building components and small-scaled objects re-assess the potential of everyday elements and the necessity for experimentation.

Concrete Base, Cast-urethane Dining Table

Cantilever Steel and LVL Bedside Table

Frameless Window

Steel Door Handles

"the Bed-Bench"
LAYERING
THE APERTURE
MATERIAL CULTURE

FABRICATED LANDSCAPES
West End Bridge
Competition Pittsburgh Pennsylvania
LANDBRIDGE
Providence, Rhode Island
Holton Street Viaduct, 1925
MARSUPIAL BRIDGE, 2000-2012
STEEL AND WOOD HANDRAIL - PLAN SECTION

1. STAINLESS STEEL BAR WELDED TO POST
2. STAINLESS STEEL T-SECTION POST
3. WOOD RAILING
4. STAINLESS STEEL PERFORATED METAL PANEL
5. STAINLESS STEEL ATTACHMENT TAB
6. STAINLESS STEEL SPACER
7. POURED CONCRETE BRIDGE DECK
end