Blurring the boundary of entering a room

TRANSITION STUDY

By widening up the BORDERS dividing ROOMS of various DEGREES of BODIES IN MOTION, the entering body perceives an AWARENESS of its ACTION

SKETCH: TRANSITION INTO A ROOM

ENTERING A ROOM
The blurred boundary between changing stations of motion are articulated through metal screens framing a secondary corridor or entrance area to the rooms.

The transparency of the metal lath screen allows the body to see through a glass wall beyond into the actual room. Through blurring the borderline openness and vanishing divisions between functional and circulation spaces is achieved.
ZONES OF TRANSITION IN A Dance SEMINAR

are articulated by change in MATERIALITY and COLOR. The PERFORMING SPACE in front of the mirror is UNDERLINED by the selection of a WOODEN FLOOR and the height of the SUSPENDED CEILING. The ZONE OF ENTERING following the entrance door is used as ORIENTATION and RELAXATION ZONE, and the flooring material changes into CONCRETE. The WINDOW ZONE forms spaces of study for the PERFORMING BODIES and follows the same rules regarding materiality as the ZONE OF ENTERING.
VIEW INTO THE DANCE SEMINAR TOWARDS THE GLASS FACADE
A ROOM
FLOOR PLAN FOURTH LEVEL: LEVEL OF THE LIBRARY AND THE LECTURE HALL

1 Dance Seminar  2 Tutor’s Office  3 Rest Rooms  4 Muscle Toning  5 Relaxation  6 Balcony  7 Common Room
8 Library  9 Lecture Hall  10 Administration  11 Front Desk  12 Information Desk

RENDERING OF STEEL RAILING TRANSFORMING INTO CONCRETE FOLDING OF FLOOR SLAB
THE STUDIO THEATER

is located on the top floor overlooking the residential district towards Harvard University. The scenery of the stage is the surrounding. The visitor will see as background the sunset over Harvard University. In the night the performance can also be seen from the outside. The dancers are floating over the city.
THE BRICK SCREEN

projects a variety of light spots into the rooms.
The brick layers are arranged in different periodically repeating directions to produce a wide range of light spots. The depth of the stone wall produces a sharp directed light shade. The closed brick facade transforms into the transparent bright and smooth glass facade.
FLOOR PLAN FOURTH LEVEL: LEVEL OF THE LIBRARY AND THE LECTURE HALL

1 Dance Seminar  2 Tutor’s Office  3 Rest Rooms  4 Muscle Toning  5 Relaxation  6 Balcony  7 Common Room
8 Library  9 Lecture Hall  10 Administration  11 Front Desk  12 Information Desk
LIGHT: BRIGHTNESS AND DARKNESS

STUDY OF LIGHT ENTERING A ROOM

RENDERING FACADE: VIEW FROM READING GARDEN

THE FACADE
MOMENTUM

FLOOR PLAN FOURTH LEVEL: LEVEL OF THE LIBRARY AND THE LECTURE HALL

THE BRICK WALL

In the Lecture Hall is lighted by the rays of the western sunlight. A narrow opening allows the light to penetrate. As the sun travels the ray moves along the wall till it highlights the surface of the uneven brick layer wall.

Photographs of ray of light moving along a wall and lighting up a rough surface structure.
entrance situation from MT Auburn Street
STAIRWAYS TO THE RESTAURANT LEVEL
Night impression of the atrium
CONCLUSION

The design process depends on a careful analysis of the city as a place of movement. Many individual frequencies of existing movement and patterns can be transformed through a design process into a composite frequency. The collective movements converge on an overall flux from which architectonic derivatives can be extracted. These derivatives, primarily linear entities, form the principal framework for a building that replies to the specific motion of this particular site.

The proposal attempts to include all invisible sub frequencies, and aims to articulate the main frequency of this place in the city.

A physical phenomenon, a piece of art, a theoretical issue, can be translated into architecture. However, it requires the clear definition of rules which differentiate ordered substances from the relative chaos and transform it into fragments of architecture as a possibility for a form.
BIBLIOGRAPHY

ArchiLab
Radical Experiments in Global Architecture, Frederic Migayrou and Marie-Ange Brayer

ARCHITECTURAL DESIGN
Light in ARCHitecture, Vol. 67 No 3/4 March-April 1997

PARALLAX
Stefen Holl

Bernard Tschumi
Event-Cities 2

Bernard Tschumi
Questions of space, Lectures on architecture

CALATRAVA
Public Buildings, Anthony Tischhauser and Stanislaus von Moos

CALATRAVA
The Poetics of Movement

Kenneth Josephson
A Retrospective

Morphosis
Buildings and Projects, essay by Peter Cook and George Rand

Morphosis
1992-1997

Enric Miralles
Works and Projects 1975-1995, Benedetta Tagliabue Miralles

Adolphe Appia
Artist and visionary of the modern theatre, Richard C. beacham

Boston
A topographical History, Walter Muir Whitehill

ARCHITECTURE
Ecstasies of Space, Time, and the Human Body, David Farrell Krell

Elcropius
Zaha Hadid 1996-2001

Anytime
Edited by Cynthia C. Davidson
MOMENTUM
ACKNOWLEDGMENTS

I want to dedicate this thesis to my family and friends who always supported me on my way in life.

I would like to thank the Fulbright Commission, the Virginia Polytechnic Institute & State University, the Department of Architecture and Urban Studies and my committee Professor William Galloway, Professor Heinrich Schnedt and Professor Heather Wooter who supported and believed in me and my thesiswork.

My special thanks go out to all friends I met during my studies in Blacksburg with whom I was able to share joy, critics, and humor.
VITAxandra Kohler

Education

1990
Bachelor in Architecture
Fachhochschule Stuttgart, Germany

2002
Master in Architecture
Virginia Polytechnic Institute and State University, USA

Working Experience

1997
Behnisch, Behnisch & Partner
One year internship, Germany

1998
Kraft, Kranz & Partner
Summer internship, Germany

1999
Kläuser & Partner
Internship, Germany

2000
Baumerkstatt, Stuttgart
Internship, Germany

2001
O'Melian & Associates
Summer Intern, Washington DC

2002
Schalbis & Associates
Internship, Princeton NJ

Awards

1997
Erasmus Program, European exchange study, Stockholm

2000
Fulbright Scholarship
Graduate study in the USA

2000
Fulbright Renewal
Loyola University New Orleans

2001
Fulbright Enrichment Seminar
New Orleans