Contributors

AMANDA REESER LAWRENCE is currently enjoying her new round belly and the frequent kicks of her unborn child. She loves grilled cheese for breakfast, and waffles for dinner.

ASHLEY SCHAFER lives in a very cool loft apartment in Columbus, Ohio which, believe it or not, has a bit of hipness factor, and even a gourmet market to rival those in NYC. Her cat Nathan junior doesn't like to come out of the bathroom when guests are around, though he seemed to have a fondness for fellow editor Don Shillinburg.

AMANDA REESER LAWRENCE is currently enjoying her new round belly and the frequent kicks of her unborn child. She loves grilled cheese for breakfast, and waffles for dinner.

ASHLEY SCHAFER lives in a very cool loft apartment in Columbus, Ohio which, believe it or not, has a bit of hipness factor, and even a gourmet market to rival those in NYC. Her cat Nathan junior doesn't like to come out of the bathroom when guests are around, though he seemed to have a fondness for fellow editor Don Shillinburg.

AMANDA REESER LAWRENCE is currently enjoying her new round belly and the frequent kicks of her unborn child. She loves grilled cheese for breakfast, and waffles for dinner.

ASHLEY SCHAFER lives in a very cool loft apartment in Columbus, Ohio which, believe it or not, has a bit of hipness factor, and even a gourmet market to rival those in NYC. Her cat Nathan junior doesn't like to come out of the bathroom when guests are around, though he seemed to have a fondness for fellow editor Don Shillinburg.

AMANDA REESER LAWRENCE is currently enjoying her new round belly and the frequent kicks of her unborn child. She loves grilled cheese for breakfast, and waffles for dinner.

ASHLEY SCHAFER lives in a very cool loft apartment in Columbus, Ohio which, believe it or not, has a bit of hipness factor, and even a gourmet market to rival those in NYC. Her cat Nathan junior doesn't like to come out of the bathroom when guests are around, though he seemed to have a fondness for fellow editor Don Shillinburg.

AMANDA REESER LAWRENCE is currently enjoying her new round belly and the frequent

kicks of her unborn child. She loves grilled cheese for breakfast, and waffles for dinner.

ASHLEY SCHAFER lives in a very cool loft apartment in Columbus, Ohio which, believe it or not, has a bit of hipness factor, and even a gourmet market to rival those in NYC. Her cat Nathan junior doesn't like to come out of the bathroom when guests are around, though he seemed to have a fondness for fellow editor Don Shillinburg.

AMANDA REESER LAWRENCE is currently enjoying her new round belly and the frequent kicks of her unborn child. She loves grilled cheese for breakfast, and waffles for dinner.

ASHLEY SCHAFER lives in a very cool loft apartment in Columbus, Ohio which, believe it or not, has a bit of hipness factor, and even a gourmet market to rival those in NYC. Her cat Nathan junior doesn't like to come out of the bathroom when guests are around, though he seemed to have a fondness for fellow editor Don Shillinburg.

AMANDA REESER LAWRENCE is currently enjoying her new round belly and the frequent kicks of her unborn child. She loves grilled cheese for breakfast, and waffles for dinner.

ASHLEY SCHAFER lives in a very cool loft apartment in Columbus, Ohio which, believe it or not, has a bit of hipness factor, and even a gourmet market to rival those in NYC. Her cat Nathan junior doesn't like to come out of the bathroom when guests are around, though he seemed to have a fondness for fellow editor Don Shillinburg.

AMANDA REESER LAWRENCE is currently enjoying her new round belly and the frequent kicks of her unborn child. She loves grilled cheese for breakfast, and waffles for dinner.

ASHLEY SCHAFER lives in a very cool loft apartment in Columbus, Ohio which, believe it or not, has a bit of hipness factor, and even a gourmet market to rival those in NYC. Her cat Nathan junior doesn't like to come out of the bathroom when guests are around, though he seemed to have a fondness for fellow editor Don Shillinburg.

AMANDA REESER LAWRENCE is currently enjoying her new round belly and the frequent kicks of her unborn child. She loves grilled cheese for breakfast, and waffles for dinner. ASHLEY SCHAFER lives in a very cool loft apartment in Columbus, Ohio which, believe it or not, has a bit of hipness factor, and even a gourmet market to rival those in NYC. Her cat Nathan junior doesn't like to come out of the bathroom when guests are around, though he seemed to have a fondness for fellow editor Don Shillinburg.

AMANDA REESER LAWRENCE is currently enjoying her new round belly and the frequent kicks of her unborn child. She loves grilled cheese for breakfast, and waffles for dinner.

ASHLEY SCHAFER lives in a very cool loft apartment in Columbus, Ohio which, believe it or not, has a bit of hipness factor, and even a gourmet market to rival those in NYC. Her cat Nathan junior doesn't like to come out of the bathroom when guests are around, though he seemed to have a fondness for fellow editor Don Shillinburg.

PRAXIS 8

Image Credits

PRAXIS has attempted to trace and acknowledge all sources for images used in this journal and sincerely regrets errors or omissions. We will gladly include errata as they are brought to our attention in future issues.

CNC: THE SECOND GENERATION

Project Editors: Amanda Reeser and Ashley Schafer

All images courtesy the Architects

MERGING DESIGN + MAKING

Project Editor: Ben Gilmartin All images courtesy William Massey, except as noted: p. 18: image by Ben Gilmartin / PRAXIS

p. 20: P.S.1 photos by Chris Foreman p. 26-27: WPS-1 photos by Todd Eberle, courtesy P.S.1

PRECISE INDETERMINACY

Project Editor: Ashley Schafer All images courtesy dECOi except as noted: p. 28-29: photo by Mark Burry p. 30-31: all photos by Michael Dodt p. 32-33: all photos above by Michael Dodt p. 36, top: photos by Robert Such p. 36-39, animation strip: photos by Michael Dodt p. 40, left: photo by Robert Such

PORTER HOUSE CONDOMINIUM

Project Editor: Amanda Reeser All Images courtesy ShoP architects

CARBON FIBER TOWER

Project Editor: Frederick Tang All images courtesy Peter Testa

SEATTLE PUBLIC LIBRARY

Project Editor: Eric Howeler All photos by John Stamets except as noted: p. 63, top and bottom: courtesy OMA p. 64, top left middle right: Magnusson Klemencic Associates p. 65, top left middle right: courtesy OMA p. 67, top left middle right: courtesy OMA p. 69: courtesy Seele L.P.

FEDERAL OFFICE BUILDING

Project Editor: Amanda Reeser and Ashley Schafer All images courtesy Morphosis

COLLECTING COOLTH

Project Editor: Marta Falkowska All images courtesy Atelier Ten except as noted: p. 76, top right and bottom: photos $\ensuremath{\mathbb{C}}$ Mark Roper

p. 78, bottom: section by Feilden Clegg Bradley Architects

p. 81, center: longitudinal section drawing and atrium interior photo © Lab + Bates Smart

p. 81, bottom: construction photo © Mark Roper

SMARTWRAP

Project Editor: Ben Gilmartin All images courtesy Stephen Kieran and James Timberlake, Kieran Timberlake Associates

ELECTRICAL EFFECTS: (A)MATERIAL MEDIA

Project Editor: J. Meejin Yoon All Images courtesy Kennedy & Violich Architecture, Ltd. except as noted: p. 88, top and bottom right: photo by Bruce T. Martin

SURFACE STRATEGIES: EAST RIVER FERRY

Project Editor: J. Meejin Yoon All Images courtesy Kennedy & Violich Architecture, Ltd. except as noted: p. 96: courtesy Ken Smith, Landscape Architect

DIGITALLY MEDIATED URBAN SPACES

Project Editor: Amanda Reeser p. 100-101: Dennis Frenchman's conception of programmable, addressable signage for the Seoul Digital Media Street (illustration by Geng Lining)

p, 102, left: Lights of Times Square, Nicolas Shea (Lenico2000@hotmail.com)

p. 102, center: Stephen Barnwell, R/GA

p. 102, right: © Anthony Townsend

p. 102, bottom left: NYC zoning map from http://www.nyc.gov/html/dcp/pdf/zone/art08 c01.pdf

p. 103, left: Oliver Thereaux

p. 103, right: Shibuya at Dusk, Mike

Chachich

p. 104, left and top right: Related Companies p. 104, bottom right: © Anthony Townsend, http://us.emenity.com:5280/splash.html p. 105: concept and design: Dennis Frenchman (MIT), Donyun Kim (Archiplan)

MAINTENANCE ARCHITECTURE

p. 115: Pyramid, Alpine Cleaners © Alfred Wolf

p. 116: photo courtesy Unilever US p. 117, left and center: photo courtesy Unilever US p. 117, right: Dean Rutz / The Seattle Times p. 118, left: Jeff Wall, Morning Cleaning; Mies van der Rohe Foundation, Barcelona 1999

p. 118, center: courtesy OMA, Triennale Milan © Hans Werleman Hectic Pictures p. 118-119, all remaining photos: Iñigo Manglano-Ovalle, courtesy Max Protetch Gallery New York

p. 120, left and middle left: Job Koelewijn, courtesy de Appel Gallery Amsterdam
p. 120, middle right and right: Mierle Ukeles Laderman, courtesy Ronald Feldman Fine Arts

p. 121: Sarah Morris, AM/PM (1999), photo by Andrea Stappert

ARCHITECTURE AND THE VIRTUAL

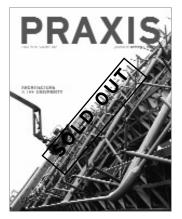
Background image by Martyn Thompson p. 116, left: photo courtesy ACTAR p. 116, right: courtesy Foreign Office Architects

p. 121, left and center: courtesy NOX

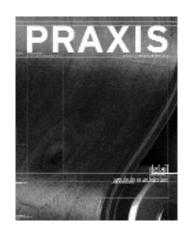
p. 121, right: courtesy Reiser + Umemoto

Back Issues

The following back issues of Praxis are available for \$25 per issue, including shipping and handling, or for \$20 per issue if purchased with a 3-issue subscription. PRAXIS can also be purchased online at www.praxisjournal.net or at www.amazon.com.



ISSUE 0 / Architecture + the University



ISSUE 1 / Detail



ISSUE 2 / Mexico City: Projects from the Megacity



ISSUE 3 / Housing Tactics

Bookstores

PRAXIS is available at the following locations:

EASTERN US

Urban Center Books, New York Micawber Books, Princeton Architectural Book Center, Atlanta Fine Art in Print, New York Dia Center for the Arts, New York Cooper-Hewitt Design Museum, New York Perimeter Books, New York Franz Bader, Washington, DC Harvard Books, Cambridge, MA ICA Bookstore, Boston, MA

CENTRAL US

Prairie Avenue Bookshop, Chicago Wexner Center Bookshop, Columbus Brazos Bookstore, Houston Walker Art Center, Minneapolis

WESTERN US

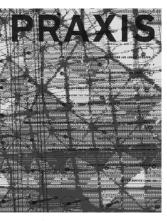
William Stout Architectural Books, San Francisco University of Washington Bookstore, Seattle Peter Miller Books, Seattle Hennessey and Ingalls, Santa Monica Cody's Books, Berkeley MOCA Bookstore, Los Angeles Builders' Booksource, San Francisco and Berkeley

INTERNATIONAL

Distributed in Australia by Modern Journal In Melbourne Distributed also by ACTAR Ballenford Books on Architecture, Ontario Canadian Centre for Architecture, Montreal Triangle Book Shop, London RAS Galeria-Libreria, Barcelona Hoepli Libreria, Milan Technische Boekhandel Waltman, Deflt Gammel Dok Bookshop, Copenhagen Sautter+Lackmann bookstore, Hamburg Domus Haus, Basel Basheer graphic books, Singapore Shimada & Co., Tokyo and many other fine stores PRAXIS 8







ISSUE 4 / Landscapes

ISSUE 5 / Capitalism

ISSUE 6 / New Technologies - New Architectures

ISSUE 7 / Praxis 7 Untitled

Subscribe! 1 subcription = 3 issues

NAME				
ADDRESS				
CITY		STATE	. ZIP CODE	COUNTRY
TELEPHONE	IE EMAIL			
INDIVIDUAL	\$52 U.S.	\$62 N. America	\$72 Foreign	
INSTITUTIONS	\$96 U.S.	\$106 N. America	\$116 Foreign	PRAXIS
STUDENT/RETIRED	\$40 U.S.	\$50 N. America	\$60 Foreign	
Begin my subscription with Issue 7 or Issue 8				PO Box 380225 Cambridge, MA 02138
Single Issue purchase: (please specify Issue No.)				t.617 384 9399 f.617 384 9409
Please make check or money order in U.S. funds payable to PRAXIS				www.praxisjournal.net

Surface Patterns

PRAXIS 9, Surface Patterns, will take a critical look at the resurgent interest in program as a medium for design experimentation. We will examine how program is employed as a generative force in contemporary architectural production as well as the impact of program-driven architectures in the Americas over the past decade. We invite contributors to assess the spectrum of ways in which programming intervenes in current theory and practice, in design for new construction and for re-use: Is program-architecture necessarily diagrammatic in its expression of spatial organization? If so, what techniques have practitioners used to reinforce or subvert this expression in the translation from diagram to building? Does the renewed focus on program expose a desire among practitioners to recuperate architecture's status as a social instrument? What new forms have emerged from re-programming existing buildings? How does the relation of program and form shift with scale, from residential to institutional building, or even to the urban plan? Has program reintroduced function as a legitimate area of discourse while averting the dogma of functionalism? And finally, has program architecture arrived at its endgame, or has it opened fresh avenues circumventing longstanding dilemmas of representation and meaning within architectural discourse?