

UM SoA Design/Build Studio, Fall 2017

Faculty: Jim Adamson: Billy E. Miller Design/Build Professor
Rocco Ceo: Professor of Architecture





HEALTHCARE DESIGN STUDIO FALL 2017



Deborah Franqui, PhD in conjunction with
Gresham Smith and Partners
WILL PROVIDE A COMPREHENSIVE APPROACH
TO THE DYNAMICS INVOLVED IN THE DESIGN
OF NEXT GENERATION FREESTANDING
EMERGENCY CARE CENTERS



SCHOOL OF ARCHITECTURE

Jaime Correa

The Mexican Enclave

Courtyard Housing in the Contemporary City

A Mexican telecommunications provider wants to formalize the presence of rural migrants in various areas of the United States. The City of Homestead, housing one of the largest Mexican migrant populations in the country, has offered a piece of their downtown area for the creation of a "Neighborhood Enclave." This upper-level undergraduate/graduate studio must find solutions for this urban design and architectural challenge.

Student participants will reach the final studio goal through the exploration of historic and contemporary precedents, by means of phenomenological open-city discoveries, and through the generation of a contemporary cultural space where the re-interpretation of the concept of a "Mexican Courtyard Type" is at the core of any future development.

The studio encompasses five development phases, including the study of historic and contemporary morpho-typological precedents, a weekend in Santiago de Queretaro/Guanajuato/San Miguel De Allende in Mexico (airfare and lodging partly sponsored by Canin Associates), and the development of contemporary urban design and architectural alternatives:

1. A Courtyard Taxonomy and Pattern Book (3 weeks)
2. Contemporary Courtyard Paradigms (2 weeks)
3. Courtyard Buildings and Culture (1 weekend)
4. Design of a Mexican Enclave in Homestead, Florida (5 weeks)
5. Preliminary Courtyard Housing Design (5 weeks)

Studio participants shall design and edit a printed document detailing the five phases of the design process as well as the final urban design and architectural proposals.

Studio Sponsored by
Canin Associates, Orlando, Florida



The Regular



San Miguel de Allende, Mexico



The Irregular



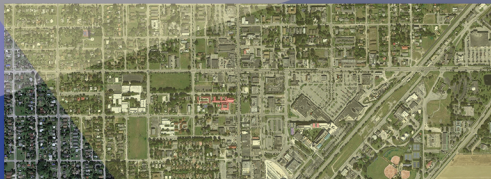
Guanajuato, Mexico



The Hybrid



Santiago de Queretaro, Mexico



The Undefined



Homestead, Florida



ARC 601 Introduction to Urban Design

Fall 2017

Professor Elizabeth Plater-Zyberk

This studio will introduce students to the principles and process of urban design. Urban design combines the knowledge and experience of a variety of disciplines, including planning, architecture, landscape architecture, traffic engineering, real estate development and finance. All will be engaged in project assignments, guided by the methods and techniques of the New Urbanism.

Beginning with the study of precedent and the analysis of regional context and place types, the semester's work will sequentially proceed through the structure of neighborhoods, the design of the master plan, public space, street sections, and building types; the transect, regulating plans, guidelines and codes; and character illustrations. Each step, from research to illustration, will accumulate on a week-by-week basis as a series of deliverables that summarize the work of the semester and emulate a professional project final report.

The subject of the design will be a greenfield quarter-section (160 acres) in the U.S. South, to be master planned with detailing of public space and building types, with emphasis on character and place-making. A class field trip in September will visit the site, and a second field trip in October will visit four new towns that have been produced in the last three decades according to the principles of the New Urbanism.

Context-Responsive Design : Block, Building & Room



Fall 2017



HISTORICAL CONCEPTS
ARCHITECTURE & PLANNING

UNIVERSITY OF MIAMI
SCHOOL of
ARCHITECTURE



Andrew
Cogar

David
VanGroningen

Ryan
Yurcaba

SITE: Old Town, Columbus Georgia, an emerging mixed-use development in the lineage of traditional town and neighborhood plans throughout the region

BRIEF: Develop housing options for a range of life-stages- young professionals, families, empty-nesters, and intergenerational

METHOD: On-Site study, topical workshops, on-going atelier & summary portfolio



Joanna
Lombard



Oscar
Machado



PAIR Program; Professional Advancement, Internship + Research 9 Credits

Integrative Learning: The aim of this **upper-level studio + research seminar** is to form a bridge between academic investigation and professional practice. This opportunity will challenge the mature architectural student to integrate what they have learned within the classroom and operate within a professional environment. Additionally, the student will embark on an academic research-based topic. Bringing academia's experimental, innovative and creative capacity into the professional realm. Students will be matched with a **host office** and expected to work approximately 30 hours a week at their placement. **20 paid hrs.** weekly, will be spent working on office projects and **10 non-paid hrs.** weekly, will be spent **advancing scholarly research.** Once a week students will meet on campus for a group research seminar, professional reflection and participate in the evening lecture series.

Coordinator: Wyn Bradley Wbradley@miami.edu

ZYSCOVICH
ARCHITECTS



ARQUITECTONICA



McKENZIE



Gensler



URBAN HOTEL STUDIO



Cirque du Soleil Iris

Although hotels occupy a natural place in the history of transience, they are also crucial building blocks of the city and of urban culture. As curator Donald Albrecht has noted, hotels provide “a critical node in the network of the city and the circulatory system between cities.” For some, the hotel itself is a metaphor of urban life. As a building type, hotels span the public and private realms: they mix quasi-civic spaces of social interaction with residential/domestic areas. They include overlapping programs and amenities; they are terrains of culture and consumerism.

The central focus of the Urban Hotel Studio will be the design of a new hotel in the urban core of Miami. The site, south of Wynwood along the FEC railroad tracks, places the project at the center of a vibrant cultural scene, as well as at the focal point of new residential and commercial activity. In the development of the project, the studio will use documentation and analysis to explore the hotel from historical and contemporary perspectives, and each student will define a distinct secondary program/use that will attach to the hotel.



3 Studio during 7WK I of Fall Semester; requires selection of other 3cr studio during 7WK II

House in the Tropics

Oppenheim Architecture | Chad Oppenheim + Juan Calvo
Fall 2017 Upper Level Studio | University of Miami School of Architecture

Rehabilitation, Resiliency & Regeneration:

at the cross-roads of historic preservation, identity and resiliency

Weather patterns are shifting, risks are increasing and adaptation responses are on the rise, and within the City of Miami Beach- as in other communities blessed with sizable historic fabrics- this presents new, related challenges, given that many of those low-lying neighborhoods are coincidentally either historic districts or home to a wealth of historic buildings that in turn, anchor the city's rich cultural legacy and identity, and also may be closely tied to their overall economic vitality.

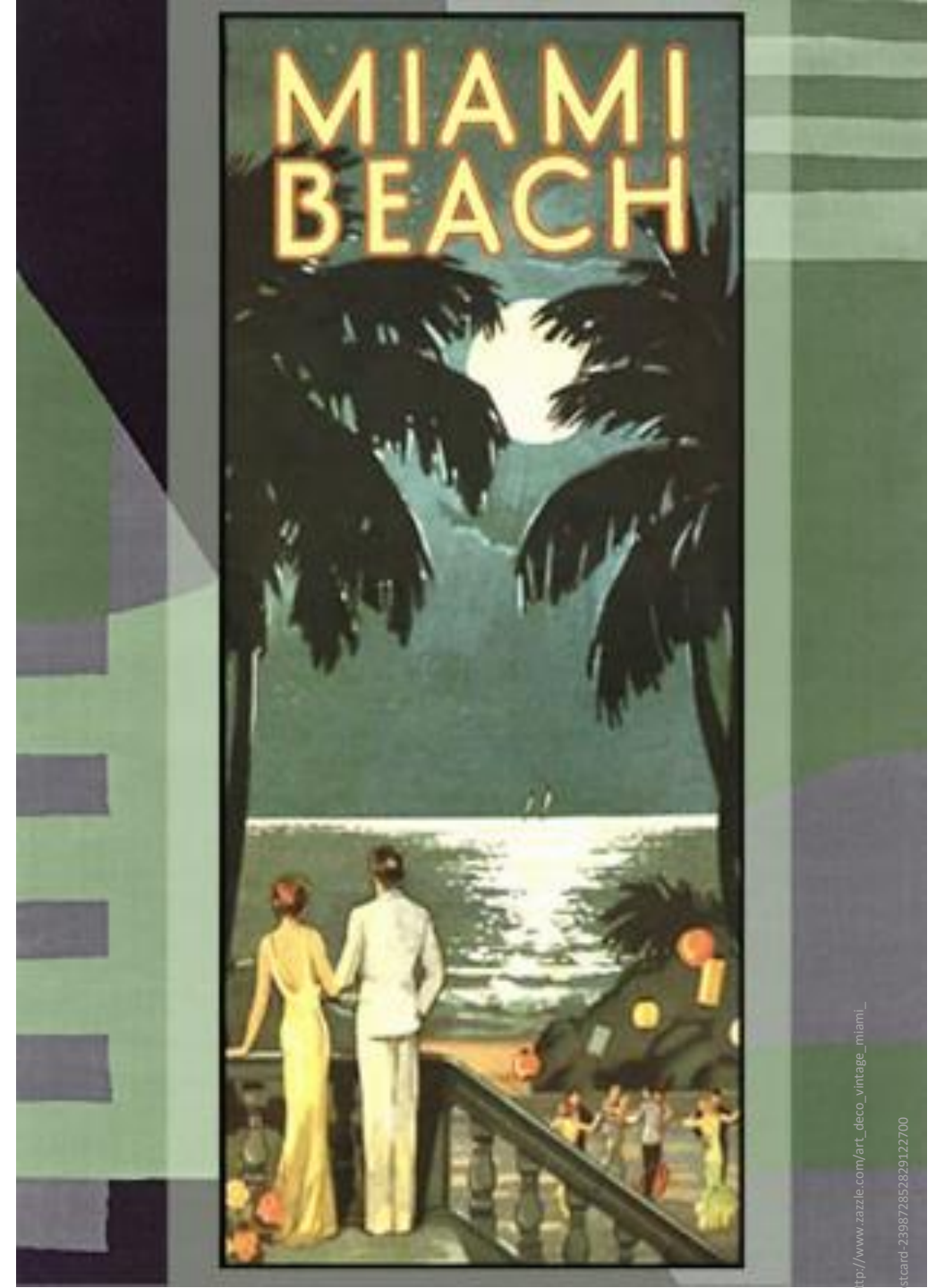
Often, current 'passive' preservation methods and tools are at odds with emerging climate challenges. Thus, should these be altered to better address the new climate reality? Yes; the question is whether the development of standards for historic building adaptation occurs at the national level through an updated version of the Secretary of the Interior Standards for Rehabilitation Guidelines, or if adaptation strategies should be more locally attuned and defined. Even within the realm of historic preservation, it will be difficult to achieve consensus on what is the lesser of two evils. Conservative preservationism, which will lead to the total or partial loss of a built asset, or assertive adaptation, which can lead to the loss of architectural or urban authenticity.

project: This course will examine the tense intersection between historic preservation, identity, and resilient design. Experts in these fields will participate across the course, and enrich the student's experience, allowing for in-depth investigations, which result in sympathetic and innovative designs. Students will be assigned one building parcel, within one of the historic districts in the City of Miami Beach. In the development of their individual proposals, students are to conceive of their proposal as a contributing segment to the overall image of the city, mindful of the intentions of preservation standards, while seeking assertive resiliency responses and avoiding 'mal-adaptation' strategies.

UM SoA
Prof. CHAO
Fall 2017

ARC 407- 609 UPPER-LEVEL ARCHITECTURAL DESIGN STUDIO

3 Studio during 7WK II of Fall Semester; requires selection of other 3cr studio during 7WK I



Upper Level Design Studio – 2nd Fall Session

MIAMIBA 2020



Housing markets tend to suffer from high inertia, rendering any kind of experimental effort laborious, risky or straight out impossible. Miami does not constitute any exception to this rule, offering in the new-built sector little alternatives to the townhouse and the high-rise condo.

Inspired by the great German tradition of the “Internationale Bauausstellung” (International Building Exhibition - IBA), with famous examples from Stuttgart (Weissenhof 1927) and Berlin (Interbau 1957 and IBA 1987), this studio undertakes a bold move in designating an area within Miami-Dade County as a special development zone. Focusing on the topic of resilience and social diversity, it invites ambitious architects, developers and investors from all over the world to envision the tropical metropolis of the future.

We will start the semester with an analysis and adaptation exercise of Christian de Portzamparc’s built masterplan for Massena Nord in Paris (see picture). Based on these newly established urban rules, each student will be in charge of the design of a whole block, learning how to create innovative living environments and how to negotiate the subtle transitions between private, communal and public realms.

SAN CRISTOBAL HILL

Terence Riley & Manuel Clavel-Rojo

The aim of OPERATION PERU will be the design of fifteen-twenty (15-20) social dwellings in San Cristobal hill, Lima. The students will choose a location with a high slope, in order to integrate a metro cable system (see Medellin experience) or similar as an additional way to access to their proposals, and will incorporate the results obtained after the citizen participation process.

Unboxing NYC

University of Miami School of Architecture, Fall 2017

Studio Advisors:

Eran Chen

Kyriakos Kyriakou

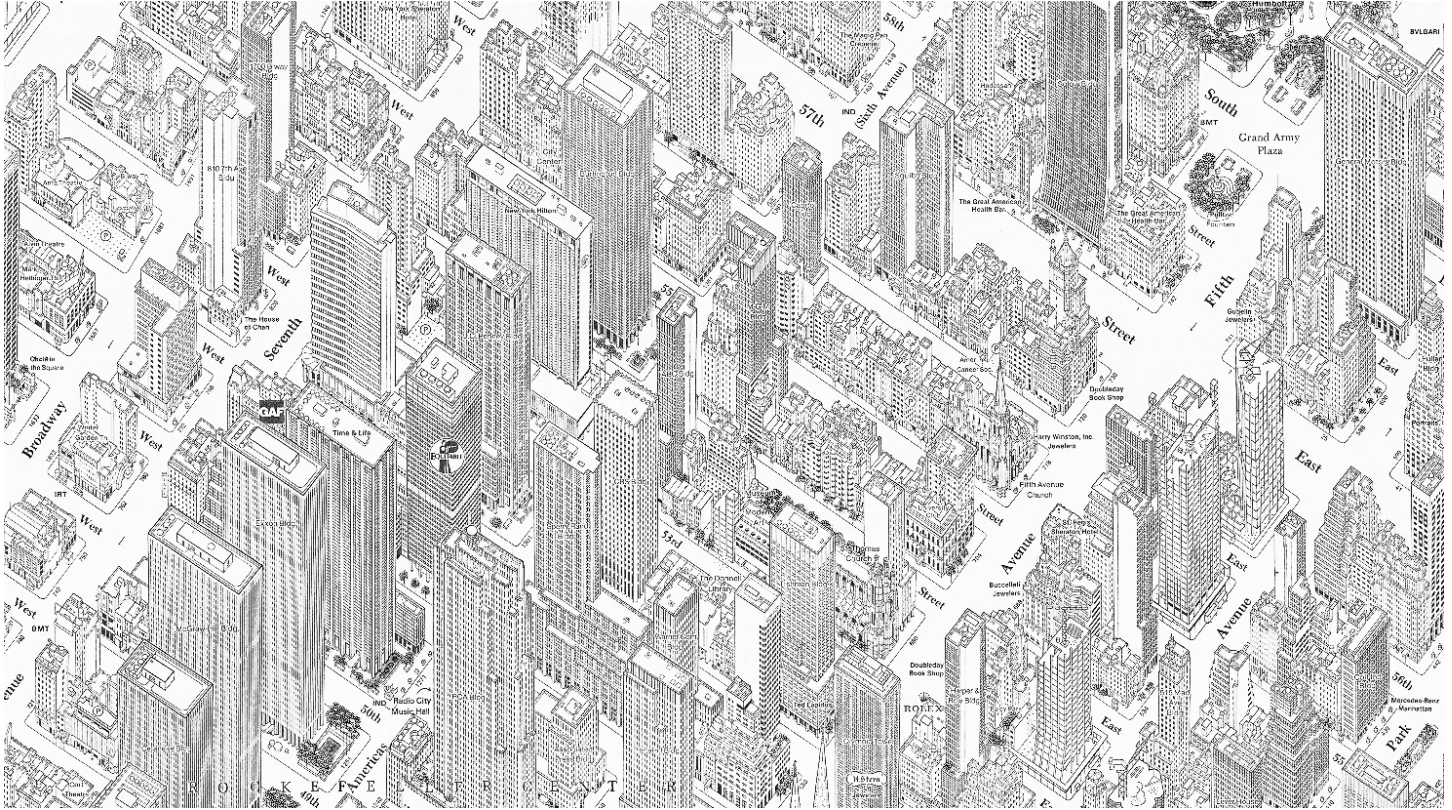


Image source: Anderson Isometric Maps, Manhattan, 1981

200 years ago, the Manhattan grid was conceived envisioning an unprecedented model of urban development. Manhattan's perfect overlay of almost identical rectangular blocks organized by a hierarchical system of Streets and Avenues provided a perfect ground for commercial development.

100 years ago, as the vision was being formalized, the 1916 zoning resolution regulated uses and building envelopes to secure public health, by controlling shadows and separating manufacturing, commercial and residential districts.


Today, the grid has been saturated while zoning regulations and building types seem outdated responding to questions of a different era. We are heading towards a new condition of intense mixed use living where diverse programs can coexist and support each other.

The studio will focus on Midtown Manhattan, where the increasing demand for A-class office space renders many of Manhattan's legendary international style towers unusable, while the recent supertall residential additions disrupt the landscape of uses. We call for students to imagine new ways of urban living re-appropriating the outdated tower shells and their surrounding contexts in ways that destabilize the stiffness of the current zoning rules, introduce permeable blocks activating their interior as public space, define new ground planes and take full advantage of the grid's unlimited potential.

*We propose to inaugurate the studio in midtown Manhattan on a two day trip where students will explore, analyze the study area before selecting sites and programs for interventions using ODA's office as a base.

TEST

* 7. Studio Selection: Rank studio choices from 1-10 (NOTE 3CR STUDIOS REQUIRE 7wk I+7wk II SELECTION) Section 42

+ 43 purposely omitted. 

	1	2	3	4	5	6	7	8
40_Design Build/Rocco Ceo + Jim Adamson	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
41_Healthcare Studio/Deborah Franqui + Luis Sousa	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
44_Canin Associates/Jaime Correa	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
45_MUD Studio/Elizabeth Plater Zyberk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
46_Historical Concepts/Joanna Lombard + Oscar Machado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
47_Hotel Studio/Allan Shulman (3 CREDITS, 7wk I)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
48_Sustainability Studio/Sonia Chao (3 CREDITS, 7wk II)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
49_Terence Riley + Manuel Clavijo (3 CREDITS, 7wk I)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
50_ODAArchitecture/Eran Chen + Kyriakos Kyriakou (3 CREDITS, 7wk II)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
51_Eric Firley (3 CREDITS, 7wk II)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
52_Oppenheim Architecture/Juan Calvo (3 CREDITS, 7wk I)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

TEST

* 7. Studio Selection: Rank studio choices from 1-10 (NOTE 3CR STUDIOS REQUIRE 7wk I+7wk II SELECTION) Section 42
+ 43 purposely omitted.

	1	2	3	4	5	6	7	8
40_Design Build/Rocco Ceo + Jim Adamson	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
41_Healthcare Studio/Deborah Franqui + Luis Sousa	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
44_Canin Associates/Jaime Correa	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
45_MUD Studio/Elizabeth Plater Zyberk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
46_Historical Concepts/Joanna Lombard + Oscar Machado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
47_Hotel Studio/Allan Shulman (3 CREDITS, 7wk I)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
48_Sustainability Studio/Sonia Chao (3 CREDITS, 7wk II)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
49_Terence Riley + Manuel Clavijo (3 CREDITS, 7wk I)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
50_ODAArchitecture/Eran Chen + Kyriakos Kyriakou (3 CREDITS, 7wk II)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
51_Eric Firley (3 CREDITS, 7wk II)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
52_Oppenheim Architecture/Juan Calvo (3 CREDITS, 7wk I)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

TEST

* 7. Studio Selection: Rank studio choices from 1-10 (NOTE 3CR STUDIOS REQUIRE 7wk I+7wk II SELECTION) Section 42
+ 43 purposely omitted.

	1	2	3	4	5	6	7	8
40_Design Build/Rocco Ceo + Jim Adamson	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
41_Healthcare Studio/Deborah Franqui + Luis Sousa	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
44_Canin Associates/Jaime Correa	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
45_MUD Studio/Elizabeth Plater Zyberk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
46_Historical Concepts/Joanna Lombard + Oscar Machado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
47_Hotel Studio/Allan Shulman (3 CREDITS, 7wk I)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
48_Sustainability Studio/Sonia Chao (3 CREDITS, 7wk II)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
49_Terence Riley + Manuel Clavijo (3 CREDITS, 7wk I)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
50_ODAArchitecture/Eran Chen + Kyriakos Kyriakou (3 CREDITS, 7wk II)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
51_Eric Firley (3 CREDITS, 7wk II)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
52_Oppenheim Architecture/Juan Calvo (3 CREDITS, 7wk I)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>