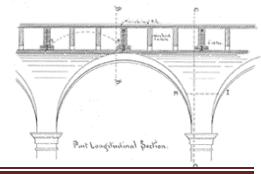


Construction History Society of America 3rd Biennial Meeting

American Construction History, 1850-1950
Cambridge MA, November 2-3, 2012



Thursday Nov 1st

6:00-7:00 Guastavino exhibition open to view at Boston Public Library in Copley Square (dinner on own)

Friday Nov 2nd MIT Room 7-429 at 77 Massachusetts Ave, MIT Dept of Architecture

8:00 Registration and coffee/tea

8:30 Welcome and introduction, John Ochsendorf

8:40 Keynote: Robert Silman, Robert Silman Associates: *1850-1950: Construction and Pragmatism*

9:30-10:30 Session 1 (MIT Room 7-429 – building 7, 4th floor, “Long Lounge”)

Chair: Brian Bowen

- *Environmental Controls in Frank Lloyd Wright's Buildings for SC Johnson Company*, Joseph Siry
- *Architectural Ceramics in Boston's Back Bay Neighborhood, 1870s and 1880s*, Sara Wermiel
- *From Bridge to Tabernacle: Town Lattice Trusses in the Rocky Mountains, 1861-1867*, Elwin Robison

10:30-10:50 Coffee break

11:00-12:20 Session 2

Chair: Thomas Leslie (Room 7-429)

Building a City in the Wilderness: Hospitals at Alabama Power Camps, Marietta Monaghan

The Ames Shovel Works: Innovation in the Planning, Design, & Construction of the Mid-19th Century Factory
Jay Wickersham and Chris Milford

Getting the Job: How US Builders and Contractors Secured Contracts, 1870-1970, Marvin Levine

Elevator Shaft Construction 1880-1925, Lee Gray

Chair: Meghan Elliot (Room 7-338, Stella Room)

Organization and Assets: Alternative Delivery of Approaches of Stone & Webster, The Austin Company and Chicago Bridge and Iron from the 1870s to the 1930s, Jeffrey Beard

The Earliest Iron Roof Structures and Cast Iron Staircases in the US, Dennis DeWitt

Out-of-Area: Skidmore Owings Merrill's Façade Construction for the American Consulates in Germany, 1953-58, Lynnette Widder

12:30-1:30 Lunch (box lunch catered)

1:40-2:40 Session 3

Chair: Santiago Huerta (Room 7-429)

Beauty, Versatility, Practicality: Innovative Hyperbolic Paraboloids in Post-War America, Tyler Sprague

Study of the Helicoidal Oblique Bridge at Seventh Street in St Paul Minnesota, Benjamin Ibarra-Sevilla

David B Steinman, Bridge Designer, Robert Dermody

Chair: Sara Wermiel (Room 7-338, Stella Room)

Setting up a System: New Deal Housing Construction in Tennessee, Avigail Sachs and Sarah Potter

Constructing Trinity Church, Wall Street, Judith Hull

Archiving History of Construction through the Historic American Buildings Survey, Virginia Price

2:40-3:10 Coffee break

3:15-4:15 Session 4

Chair: Jeffrey Beard (Room 7-429)

Repeating Success and Avoiding Failure: A Historical Overview of Panelized and Modular Construction in Housing, Michael O'Brien

Prefabrication and social architecture. Richard J Neutra and the project for Latin America, Catherine Ettinger

Regional Material Investigation: 1940-50 Paul Rudolph + Ralph Twitchell, C. Domin and Joseph King

Chair: Marvin Levine (Room 7-338, Stella Room)

The World's Largest Office Building: Development of Concrete Skeleton Frame Engineering and Construction, Meghan Elliot

Gothic Arch Barns, Chris Hartnett

The Era of the Modern Timber Connector, David Bueche

4:15-5:00 Discussion

5:30-7:30 Reception at 224 Albany St, Housemaster's Suite (Sponsored by Ochsendorf, DeJong and Block Engineering)



Sponsors: APT Northeast Chapter



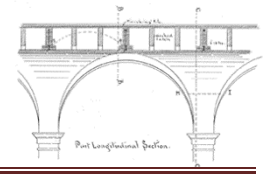
Ochsendorf, DeJong and Block



Tocci Construction

Jablonski Building
Conservation

Construction History Society of America 3rd Biennial Meeting
 American Construction History, 1850-1950
 Cambridge MA, November 2-3, 2012



Saturday, Nov 3, 2012 -- Guastavino Vaulting: Past, Present, and Future

8:00	Registration	
8:30	Welcome and Introduction	John Ochsendorf, MIT
8:40	Keynote Address: <i>Guastavino and Gilbert</i>	Janet Parks, Avery Library
9:30-10:30	Guastavino History, Session I (20 mins each)	
	<i>Rafael Guastavino Moreno: from the tailor Shop to the Privilege of Invention</i> , Miguel Rotaeché	
	<i>Domes of Rafael Guastavino, Jr</i> , Santiago Huerta	
	<i>Guastavino in India</i> , Fernando Vegas and Camilla Mileto	
10:30-10:50	Coffee break	
11:00-12:20	Guastavino History, Session II (20 mins each)	
	<i>Guastavino and the Boston Public Library</i>	Lisa Mroszczyk Murphy
	<i>Vaulting in the U. of Virginia Academical Building</i>	Ben Hays
	<i>Geometry of the Municipal Building vaults</i>	Benjamin Ibarra-Sevilla
	<i>Cleveland's West Side Market at 100</i>	Daniel DeAngelo
12:30-1:30	Lunch (Box lunches catered)	
1:30-3:10	Construction Techniques and Technology (20 mins each)	
	<i>An Inventory of Guastavino Stairs</i>	Lori Ferriss
	<i>Construction Techniques for Guastavino Vaulting</i>	Peter Austin
	<i>Acoustical Aspects of Guastavino Vaulting</i>	Jaume Soler
	<i>Structural Analysis of Tile Vaulting</i>	David Lopez and Marta Domenech
	<i>Laying out Tile Vaults with Local Positioning System</i>	Julian Garcia, Joaquín Grau, Carlos Martín, Roberto Molinos, and Juan M. Pérez
3:10-3:30	Coffee break/posters	
3:30-5:30	Preservation (20 mins each)	
	<i>Evaluation of In-Service Tile Vaults</i>	Kent Diebolt, Berta de Miguel, K. Streeter
	<i>Detailing Guastavino Domes for Durability</i>	Annabelle Radcliffe-Trenner and Derek Trelstad
	<i>Total Reliability for the Oyster Bar Tiles</i>	D. Koga, C. Gembinski, L. Buchner, D. Trelstad
	<i>Battery Park Maritime Vault Repair</i>	Edmund Meade and Daniel Lane
	<i>Plymouth Rock Portico: Preserving a Monument</i>	Jack Glassman and Edmund Meade
	<i>A masonry tile dome restoration in Catalonia</i>	Jose Luis Gonzalez, Albert Casals, Alicia Dotor, Esther García, and Belén Onecha
5:30-5:45	Discussion/Closing Remarks	
6:00-8:00	Reception at former Guastavino Factory in Woburn (sponsored by Tocci Construction)	

Sunday, Nov 4, 2012

Visits available to local sites of interest (AM only)

- 1) Boston Waterworks (led by Dennis DeWitt)
- 2) Guastavino vaults in Boston area (led by John Ochsendorf)



Sponsors: APT Northeast Chapter



Ochsendorf, DeJong and Block



Tocci Construction

Jablonski Building
Conservation