Modernism and Traditionalism: Ideology, Context and Choice
The Bones - Block Liner Building Typologies
“Bread and Butter Typologies” – the single family dwelling

MONTEREY MILITARY HOUSING, Monterey, CA, 2005

Torti gallas and partners

Architects of Community
Each dwelling combines in an ensemble to make urbanism

MONTEREY MILITARY HOUSING, Monterey, CA, 2005

Torti gallas and partners

Architects of Community
Perfecting the Armature (Bad vs Good) DARNESTOWN TOWNHSE (2004) VS. KENTLANDS TOWNHSE (1992), Montgomery Co., MD,
Building Typologies that make good urbanism (these are the molecular units of great places)

Torti gallas and partners

Architects of Community
<table>
<thead>
<tr>
<th>Name</th>
<th>Type H</th>
<th>Type I</th>
<th>Type J</th>
<th>Type K</th>
<th>Type L</th>
<th>Type M</th>
<th>Type N</th>
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<tbody>
<tr>
<td>Lot Type</td>
<td>Small Apartment</td>
<td>Medium Apartment</td>
<td>Charleston</td>
<td>Low-Rise Apartment</td>
<td>Mid-Rise Apartment</td>
<td>Live/Work</td>
<td>Mixed-Use Residential</td>
</tr>
<tr>
<td>Building Height</td>
<td>2- Story</td>
<td>3- Story</td>
<td>3- Story</td>
<td>4- Story</td>
<td>6- Story</td>
<td>3- Story</td>
<td>3 to 4- Story</td>
</tr>
<tr>
<td>Typical Lot Dimensions</td>
<td>0.3 ac min.</td>
<td>0.56 ac min.</td>
<td>35' x 90' = 3,150 sf</td>
<td>3 ac min.</td>
<td>3 ac min.</td>
<td>25' x 78' = 1,950 sf</td>
<td>16 ac (Block)</td>
</tr>
<tr>
<td>Average Unit Size</td>
<td>1,150 sf</td>
<td>1,500 sf</td>
<td>1,900 sf</td>
<td>1,300 sf</td>
<td>1,300 sf</td>
<td>1,900 sf</td>
<td>2,000 sf (Varies)</td>
</tr>
<tr>
<td>Elevator</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Building Construction</td>
<td>Wood</td>
<td>Wood</td>
<td>Wood</td>
<td>Wood</td>
<td>Light Steel or Concrete</td>
<td>Wood</td>
<td>Wood</td>
</tr>
<tr>
<td>Parking Type</td>
<td>Integral/Surface</td>
<td>Surface Parking</td>
<td>Integral/Tandem</td>
<td>Garage Parking</td>
<td>Garage Parking</td>
<td>Tandem/Surface</td>
<td>Surface Parking</td>
</tr>
<tr>
<td>Garage Height</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>5 Level</td>
<td>7 Level</td>
<td>n/a</td>
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</tr>
<tr>
<td>Garage Construction</td>
<td>n/a</td>
<td>n/a</td>
<td>Wood</td>
<td>Precast Concrete</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Special Features</td>
<td>Garage Parking</td>
<td>Balcony</td>
<td>2 level Units</td>
<td>Balcony</td>
<td>Balcony</td>
<td>Retail</td>
<td>Retail</td>
</tr>
<tr>
<td>Elevated Finished Floor</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Varies</td>
</tr>
<tr>
<td>Commercial</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>960 sf</td>
<td>7,400 sf</td>
</tr>
</tbody>
</table>

Building Typologies that make good urbanism

Torti gallas and partners

Architects of Community
Use those few typologies appropriate to the plan

<table>
<thead>
<tr>
<th></th>
<th>Type A</th>
<th>Type B</th>
<th>Type C</th>
<th>Type D</th>
<th>Type E</th>
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<tbody>
<tr>
<td>Typical Footprint</td>
<td>![Image]</td>
<td>![Image]</td>
<td>![Image]</td>
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</tr>
<tr>
<td>GSF</td>
<td>1,300 GSF</td>
<td>1,300 GSF</td>
<td>2,150 GSF</td>
<td>1,400 GSF</td>
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</tr>
<tr>
<td>Stories</td>
<td>3 Stories (35')</td>
<td>3 Stories (35')</td>
<td>4 Stories (44')</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.3 per Unit</td>
<td>2.3 per Unit</td>
<td>2.3 per Unit</td>
<td>2.3 per Unit</td>
<td></td>
<td></td>
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<table>
<thead>
<tr>
<th></th>
<th>Type 1</th>
<th>Type 2</th>
<th>Type 3</th>
<th>Type 4</th>
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<tr>
<td>Image</td>
<td>![Image]</td>
<td>![Image]</td>
<td>![Image]</td>
<td>![Image]</td>
</tr>
<tr>
<td>GSF</td>
<td>2,000 GSF</td>
<td>2,400 GSF</td>
<td>2,640 GSF</td>
<td>1,400 GSF</td>
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<tr>
<td>Stories</td>
<td>3 to 3.5 Stories</td>
<td>2.5 to 3 Stories</td>
<td>2.5 to 3 Stories</td>
<td>2 to 2.5 Stories</td>
</tr>
<tr>
<td>2.3 per Unit</td>
<td>2.3 per Unit</td>
<td>2.3 per Unit</td>
<td>2.3 per Unit</td>
<td></td>
</tr>
</tbody>
</table>

LANDSDOWNE VILLAGE GREENS, Loudoun County, VA, 2005

Torti Gallas and Partners

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Transitional typologies for special plan conditions

Torti gallas and partners

ARNA VALLEY 2 OVER 2 UNITS, Arlington, VA, 1999

Architects of Community
Transitional typologies for special plan conditions

KENTLANDS LIVE/WORKS UNITS, TGP, Gaithersburg, MD, 2002

Torti Gallas and Partners

Architects of Community
Transitional typologies for special plan conditions – “Manor townhouses”

ALBAN ROW, TGP, Washington, DC, 2002

Architects of Community
Residential Maisonettes over Flex Residential/Eventual Retail

BALDWIN PARK FLEX BUILDINGS, TGP, Baldwin Park, FL, 2004

Torti gallas and partners

Architects of Community
Residential Maisonettes over Res/ Flex Retail

BALDWIN PARK FLEX BUILDINGS, TGP, Baldwin Park, FL, 2004

Torti gallas and partners

Architects of Community
Architects of Community

Use market appropriate mixed-use building types to create urbanism & density

Three story residential stick built over 2 story commercial w/central garage

SANTANA ROW, San Jose, CA, 2005

Richard Heaps – Street-Works; Sandy and Babcock
Direct relationship between Typology parking load and block sizes — lessons learned from Fort Worth — 62m x 62m

- Baldwin Park - Torti Gallas; Rest - David M. Schwarz/Architectural Services

<table>
<thead>
<tr>
<th>Block Size</th>
<th>Typology</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>100m x 233m</td>
<td>1 story res./mixed use</td>
<td>Baldwin Park</td>
</tr>
<tr>
<td>130m x 130m</td>
<td>2 story comm.</td>
<td>Southlake</td>
</tr>
<tr>
<td>160m x 270m</td>
<td>4 story comm.</td>
<td>Frisco Square</td>
</tr>
<tr>
<td>77m x 68m</td>
<td>4 story res.</td>
<td>Monument Place</td>
</tr>
<tr>
<td>120m x 62m</td>
<td>4.5 story</td>
<td>Congressional</td>
</tr>
<tr>
<td>62m x 62m</td>
<td>4.5 story</td>
<td>Mirimar</td>
</tr>
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</table>

**BLOCK SIZES**

Baldwin Park - Torti Gallas; Rest - David M. Schwarz/Architectural Services
How building identity choices are made

Context

Constituency

Signature

Australian Congress for New Urbanism
Voted the “Most hated place in Great Britain”

CUMBERNAULD TOWN CENTRE, Scotland

Architects of Community
Public Housing Rorschach Test
Bland, soulless buildings that had existed on the site

LAUREL HOMES, Cincinnati, OH

Architects of Community
Neighboring context

LAUREL HOMES, Cincinnati, OH

Architects of Community
Context-derived building identity decisions

Torti Gallas and Partners

LAUREL HOMES, Cincinnati, OH

Architects of Community
Regional Context-derived decisions

MILITARY HOUSING; Monterey, CA, Quantico, VA, Fort Irwin, CA & San Diego, CA

Torti gallas and partners

Architects of Community
Architects of Community
Cesar’s notion of temporal identity:
Deliberately choosing to play homage to a temporal identity in the past to establish community

Concert, Parade on opening day, 1999 – How often do projects open with a parade?
Sydney regional heritage

Architects of Community
Brisbane, Perth have decided that their temporal identities are in the future

Various Buildings, Brisbane, Queensland, 1996-Present

Various Architects
Client identity choices on same typology – 24m wide 6m vs 7.6m col

PARKER SQ vs. SOUTHLAKE, Dallas Metroplex, TX, 1999

David M. Schwarz/A Architectural Services, Inc.
Inappropriate use of traditional architecture

US WORLD WAR II MEMORIAL, Washington, DC, 2000

Frederic St. Florian
Inappropriate use of traditional architecture

US WORLD WAR II MEMORIAL, Washington, DC

Diana Balmori, Balmori Associates
Four Generations of architects and their choices:

*in their words and works*

Documenting a change in architecture culture

Australian Congress for New Urbanism
Architects of Community
The Inclusive Modernists:

TRIBUNE TOWER COMPETITION ENTRY (2nd place); Chicago, IL – Eliel Saarinen

WINNING TRIBUNE TOWER ENTRY; Chicago, IL – Raymond Hood
“Even after 1920, there were important modern architects who, with all or part of their work, did not quite fit into the prescribed formal canons of international modernism. These architects have usually been claimed as members of the movement to maintain its appearance of universality. Among them are … Raymond Hood and Eliel Saarinen. Even some buildings by Alvar Aalto, Louis Kahn, and Eero Saarinen refuse to fit comfortably within international modernism.” – Cesar Pelli
“It's never too late to change.”
– Eliel Saarinen

CHURCHES, Columbus, IN & Minneapolis, MN, late 1940’s

Saarinen & Saarinen
The Heroic: YALE INGALLS HOCKEY RINK, New Haven, CT, 1957
Eero Saarinen & Associates
“A building has to be all one thing. A building has to have an overall concept which is, in a sense, a design philosophy, a design religion, we might call it, which filters down to every little detail..... I think we have to design within our time, **uncompromisingly**. -- But we have to broaden the alphabet of modern architecture to face problems it hasn’t faced before.” – Eero Saarinen

TWA TERMINAL, Kennedy Airport, New York, NY, 1962

Eero Saarinen & Associates
Broadening the alphabet: The Reconsideration:

Establish Modernist Credentials  CENTURY CITY MEDICAL CENTER, Los Angeles, CA 1969; Rice University Herring Hall, Houston, TX, 1984

Process of reconsideration began in Saarinen’s office – he died young and his notions were seeded in his proteges (separate Yale presentation attached)

Cesar Pelli and Associates
Reconsideration (a reactionary establishing his signature):

Various works, Venturi, Scott, Brown
Reconsideration:

“To be considered good architecture, our work must conform to a complex set of rules, consisting of accepted theories, formal models, and ideals. The contemporary rules for designing and judging architecture put such a premium on original talent that only a handful of architects have been able to master them. Examples from the past demonstrate that when rules and expectations are reasonable, most architects can design good buildings. Any society should expect that architects’ rules will produce good buildings most of the time. That is what healthy architecture does. The evidence of the majority of our buildings suggests that there is something wrong with today’s rules. They do not suit our cities and need to be reconsidered.”

– Cesar Pelli
“The work of international modernists are not more legitimate than those [inclusive modernists of Eliel Saarinen,] Paxton, de Klerk, Sullivan or Wright. They are all legitimately modern and equally valid as references for our designs and support for our theories today.” – Cesar Pelli
RCA BUILDING, ROCKEFELLER CENTER; New York, NY – Associated Architects (Raymond Hood)

NORWEST TOWER; Minneapolis, MN - Cesar Pelli and Associates, 1987
Comfort with modernity and tradition:
Comfort with modernity and tradition (a reactionary):

“Style should be another tool available in the architect’s toolbox. I imagine my work to be what would have happened if heroic International Modernism never intervened.”

– David Schwarz

Cost imposed style decision  YALE, New Haven, CT; REHEARSAL HALL, Fort Worth, TX; DR PEPPER/7 UP BALLPARK, Frisco, TX 2000

David M. Schwarz/Architectural Services
The modern International Styles: Strains of influence and technique

Mies

Le Corbusier

Stone/Lapidus

Pelli

Meier

In Sydney

In Sydney

In Sydney

Koolhaas

Applying David Schwarz’s notions to the international style - perceptions of international style permutations

Architects of Community
Design devices and techniques:

Traditional (primarily):

- Tripartite façade/massing (Base Middle Top)
- Façade Rhythms (A-B-A, A-B-C-C-B-A, etc.)
- Symmetry
- Syncopation
- Ornamentation

Modern (primarily):

- Assemblage
- Collage
- Phenomenal Transparency (Layering)
- Technological Prowess and Structural Exhibitionism
- Material Objectification
Comfort with present and past:

Mixing devices and techniques

PERKINS PAVILLION, Duke University, Durham, NC; Alberts Eye Center, Durham, NC

Duda Paine Architects
Signature Architects

Limiting design devices to establish a signature

Richard Meier, Quinlan Terry

Architects of Community
Sensitivity to participate in what is larger

“Always think of the next larger thing.”
– Eliel Saarinen’s advice to his son Eero
Architects of Community

Torti Gallas and Partners
A. Create a Mixed-Use, Transit-Oriented Village Center
Implementing the Vision

Meeting the 4 Charrette Goals

B. Provide More Residential, Office and Retail Use at the Metro Core

C. Enhance the Area’s Identity as the Gateway to Rockville
Implementing the Vision

Meeting the stated Goals

D. Provide an Identifiable Public Realm
The Twinbrook “armature” for architecture (urban gestures take priority)

Torti gallas and partners
Sensitivity to participate in what is larger – Architecture charter

We establish as our primary mission the design of the private realm and accept all of its implications, specifically:

That the primary urban role of private buildings is to define the public realm

That the notion of type – either historic or creatively derived form – is primary within the category of buildings,

That the private realm includes and is composed of a multiplicity of building styles and a hierarchy of qualities, from the vernacular to loftier works of Architecture and we embrace a design practice that operates across this range,

That our clients private needs include successful housing and successful profits and we dedicate ourselves to both these goals, recognizing the importance of the public realm to each of their successes.

Torti Gallas Design Charter, 2004
Architecture in the service of the urban realm – aqueduct form

Torti Gallas and Partners

Sydney Central Station
Manor house form – a traditional building identity that connects to the existing neighborhoods

Torti Gallas and Partners
Architects
of
Community
Torti gallas and partners

Neighborhood identity – each façade identity has an entrance

Torti gallas and partners
Each building identity has a purpose – making the street kink work w/ A-A-A rhythm

Torti Gallas and Partners
Establishing a retail environment with a modern temporal identity

Torti Gallas and Partners
Transitional building identity

Torti Gallas and Partners
Establishing a retail environment with a modern temporal identity

Torti gallas and partners
Torti Gallas and Partners

Architects of Community