How Urban Design Can Improve Public Health in Your Community

Nathan R. Norris
CEO, Downtown Development Authority
Andrés Duany and the CityBuilding Exchange

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How Urban Design Can Improve Public Health

CNU24
Detroit
16 June 10

Stephen A. Mouzon, AIA CNU LEED
The New Urban Guild
Miami Beach, Florida, USA
REQUESTS

Please turn your phones on.

Please use #WalkAppeal hashtag to tweet-cast.

I’m @stevemouzon.
MOVEMENTS WITHOUT MARKETING

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SPRAWL RECOVERY GAME-CHANGERS

Transect
Walk Appeal
Sky Method

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Power Center

Rome

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ECONOMIC HEALTH
ENVIRONMENTAL HEALTH

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Public Health

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Obesity Trends* Among U.S. Adults
BRFSS, 1985
(*BMI ≥30, or ~30 lbs. overweight for 5’ 4” person)

Source: CDC Behavioral Risk Factor Surveillance System.
Obesity Trends* Among U.S. Adults
BRFSS, 1990
(*BMI ≥30, or ~30 lbs. overweight for 5’ 4” person)

Source: CDC Behavioral Risk Factor Surveillance System.
Obesity Trends* Among U.S. Adults
BRFSS, 1995
(*BMI ≥30, or ~30 lbs. overweight for 5’4” person)

Source: CDC Behavioral Risk Factor Surveillance System.
Obesity Trends* Among U.S. Adults
BRFSS, 2000
(*BMI $\geq$ 30, or $\sim$ 30 lbs. overweight for 5’ 4” person)

Source: CDC Behavioral Risk Factor Surveillance System.)
Obesity Trends* Among U.S. Adults
BRFSS, 2006
(*BMI ≥30, or ~ 30 lbs. overweight for 5’4” person)

Source: Behavioral Risk Factor Surveillance System, CDC.
The Scale of Walk Appeal
W6 - GREAT STREET

2 MILES +

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W5 - MAIN STREET
3/4 MILE

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W4 - Neighborhood Street

1/4 Mile

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W2 - Subdivision Street
250 Feet

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W1 - Parking Lot
100 Feet

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WO - UNWALKABLE
25 FEET??

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Walk Appeal Tools

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Walk Appeal Measurables

View Changes
Street Enclosure
Window of View
Shelter
Goals in the Middle Distance
Turning the Corner
People
Magic of the Place

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View Changes & Garden Rooms

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Street Enclosure

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LESS HEIGHT = LESS WIDTH

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GOALS IN THE MIDDLE DISTANCE
TURNING THE CORNER

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NOT TURNING THE CORNER
BETTER THAN NOTHING

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Walk Appeal Immeasurables

People

Magic of the Place

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Walk Appeal = Traffic Calming

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THINGS TO WALK TO

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Civic Space

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PlACES TO Eat

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Bed & Breakfast

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NEIGHBORHOOD MARKET

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Office & Retail

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Maker Spaces - Sharing Ideas

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AKER SPACES - MAKING STUFF

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INNOVATIVE CORPORATE SETTING

Focused on Strict Product Line
Inward-Looking

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INNOVATIVE MAKER SETTING

Connected
Outward-Looking
Multi-Faceted
Many Projects

Projects vary widely from one maker space to another.

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Begin Tactically
Hacks & Cracks

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Gifts to the Street

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Delight
Refresh
Shelter
Entertain
Inform
Remember
Direct
Rest

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On-Street Parking
Sidewalk Cafés

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Establish Porch Height

Porch Floor Height
(Above sidewalk, measured at front edge of porch)
Adjust for Fences, Etc.

Fence, Hedge & Wall Reduction Factors
(deduct from minimum required porch floor height)

Top (double dot) line is fence
Bottom (single-dot) line is hedge & wall

0
-1'
-2'
25'  20'  15'  10'  5'
Sidewalk
ADJUST FOR RAILING

Porch Railing Adjustment Factors
(Adjust minimum required porch floor height)

Top (dotted) line is additional height required when no railing is used.
(This does not work close to the sidewalk because of building code requirement that railing be used for porches higher than 30" above grade at porch edge.)

Bottom (triple-dot) line is height reduction allowed for masonry or 75%+ solid wood rails.

+2'
+1'
0
-1'
-2'

25' 20' 15' 10' 5'

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Liner Buildings

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COFFEE SHOP

**Abbie's Coffee & Cream**

**PLAN #M.26.1**
- Designed by Steve Mouzon
- 831 square feet
- Ceiling height: 10 feet
- Katrina Commercial units are conceived as temporary shops that will eventually be used elsewhere when proper masonry Main Street buildings are built on their current sites.

GENERAL STORE

**GENERAL STORE**

**PLAN #M.26.3**
- Designed by Steve Mouzon
- 960 square feet
- Ceiling height: 10 feet
- Katrina Commercial units are conceived as temporary shops that will eventually be used elsewhere when proper masonry Main Street buildings are built on their current sites.

LITTLE WOOD LINER BUILDING

ART SUPPLY

PLAN #M.26.5
- Designed by Steve Mouzon
- 683 square feet
- 1 story
- Ceiling height: 12 feet
- Liner buildings hide parking lots or other unsightly features; they also have an extraordinary amount of storefront display space for such a small square footage

PLAN #M.25.1
- Designed by Steve Mouzon
- 688 square feet living space, 565 square feet shop
- 1 bedroom
- 1 bathroom in living space, 1/2 bathroom in shop
- Garage freestanding
- 2 stories
- Ceiling heights: 12 feet first floor, 10 feet second floor
- Slab find.
- Liner Building Living space based on the first Katrina Kernel Cottage

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