HOW TO DESIGN & BUILD HEALTHY COMMUNITIES

INFRASTRUCTURE & URBAN DESIGN FOR WALKING, BIKING & PLAYING

CITYBUILDING EXCHANGE

NEW ORLEANS
17 MARCH 09

STEPHEN A. MOUZON, AIA CNU LEED

THE NEW URBAN GUILD
MIA MBI BEACH, FLORIDA, USA

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REQUESTS

Please turn your phones on.

Please use #WalkAppeal hashtag to tweet-cast.

I’m @stevemouzon.
TACTICAL URBANISM

The Big Reversal
The New Infrastructure Facilitators

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Gifts to the Street

Columbus, Georgia

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Edible? Readable? Walkable?

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BICYCLE INFRASTRUCTURE

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PROTECTED BIKE LANES

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WEATHER

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Health:
Economy
Environment
Public

Walk Appeal
Steve & Wanda Mouzon
The Guild Foundation Press
2016

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THE QUARTER-MILE WALK

AREA IN OPEN DEVELOPMENT
PREFERABLY 160 ACRES —
IN ANY CASE IT SHOULD
HOUSE ENOUGH PEOPLE TO
REQUIRE ONE ELEMENTARY
SCHOOL — EXACT SHAPE
NOT ESSENTIAL BUT BEST
WHEN ALL SIDES ARE FAIRLY
EQUIDISTANT FROM CENTER.

SHOPPING DISTRICTS IN
PERIPHERY AT TRAFFIC
JUNCTIONS AND
PREFERABLY Bunched
IN FORM

ONLY NEIGHBORHOOD
INSTITUTIONS AT
COMMUNITY CENTER

INTERIOR STREETS NOT WIDER
THAN REQUIRED FOR SPECIFIC
USE AND GIVING EASY
ACCESS TO SHOPS
AND COMMUNITY CENTER

TO BUSINESS CENTER

ARTERIAL STREET

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SPRAWL RECOVERY GAME-CHANGERS

Transect
Walk Appeal
Sky Method

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The Scale of Walk Appeal

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W6 - GREAT STREET
2 MILES +
W5 - MAIN STREET
3/4 MILE

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W3 Sub-Urban Street

1/10 mile
W2 - Subdivision Street
250 feet

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W1 - Parking Lot
100 Feet
WO - UNWALKABLE

25 FEET??

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FRONTAGES

Sidewalks  
Street Trees  
Street Furnishings  
Galleries, Balconies, Colonnades, Arcades  
Building Face

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WALK APPEAL MEASURABLES

Street Trees
Street Enclosure
Window of View
Shelter
Goals in the Middle Distance
Turning the Corner
View Changes

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STREET TREES

Shade in Summer, Sun in Winter
Pedestrian Protection
Increase Property Value

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Street Enclosure
LESS HEIGHT = LESS WIDTH

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WINDOW OF VIEW & SHELTER

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GOALS IN THE MIDDLE DISTANCE
TURNING THE CORNER

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BETTER THAN BLANK

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View Changes & Garden Rooms

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Walk Appeal Immeasurables

People

Magic of the Place

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Walk Appeal = Traffic Calming

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CIVIC SPACE
PLACES TO EAT

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Bed & Breakfast

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NEIGHBORHOOD MARKET

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Civic Buildings
MAKER SPACES
Maker Spaces - Sharing Ideas

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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

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HACKS & CRACKS

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Gifts to the Street
Delight
Refresh
Shelter
Entertain
Inform
Rest
Direct
Remember

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On-Street Parking

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Front Porch Principles
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)
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’
Food Carts
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 bed above
* 1 bathrooms in living space, 1/2 bathroom in shop
* Garage freestanding
* 2 stories
* Ceiling heights: 12 feet first floor, 10 feet second floor
* Slab fnd.
* Liner Building Living space based on the first Katrina Kened Cottage

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The People Test

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The Sidewalk Cafe Test

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The Tourist Test

Event Tourists

City Tourists

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THE PLAY TEST

Civic Space
Safety

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The Checkerboard Test

Tables & Chairs
Safety

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THE POPSICLE TEST

Safety
Convenience Commercial

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The Pet-Friendly Test

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THE PHOTOGRAPHER TEST

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THE WEDDING TEST
The Halloween Test
The Street Artist Test

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ECONOMIC HEALTH
WALK APPEAL DIAGNOSIS

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Low Rent Shops & Low-Dollar Shoppers

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WASHINGTON, COLLINS, & OCEAN
Walk Appeal Diagnosis

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Cool Factor, the Creative Class, & Walk Appeal
ENVIRONMENTAL HEALTH

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LIVING IN SEASON

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WEB OF DAILY LIFE

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Public Health
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, 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 ≥30, or ~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.
Step It Up! The Surgeon General’s Call to Action to Promote Walking and Walkable Communities

- Call to Action
- Watch the Launch Event Webcast
- Step it Up! Help Make Our Communities Walkable: Video
- Surgeon General’s Walking Playlist on Pandora
- Partner Resources
- Join the Conversation on Social Media: #StepItUp
- Step It Up! Everyone Can Help Make Our Communities More Walkable: Every Sector Has a Role to Play
- Additional Resources

Surgeon General says Step It Up