THE TRIANGLE NEIGHBORHOOD ARCHITECTURAL GUIDELINES South Bend, Indiana Prepared for: The Northeast Neighborhood Revitalization Organization, Inc. May 9, 2012 922 East Wayne Street South Bend, Indiana 46617

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Overview of the Architectural Guidelines Book

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This book is organized into six sections; Overview of the Triangle Neighborhood, Architectural House Styles, Size & Massing, Lot Layout, Landscape Improvements, and Applications & Materials. Each section provides specific information and design guidelines to assist in the planning and design of a neighborly Triangle house,

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D. Lot Layout

The Triangle Streetscape Garage Placement Rear Londed Lots Front Londol Lots

E. Landscape Improvements Landscape & Hardscape Improvements Landscaping for Sustainability

Applications & Materials

Houses that adhere to the traditional architectural and neighborhood patterns add to the quality of the public realm and encourage the safety and vitality of a neighborhood.

-Institute of Classical Architecture and Classical America





Triangle Neighborhood Site Plan



Overview

How To Use the Guidelines

Step 1:

Identify Basic Needs and Goals

Create a comprehensive list of everything you desire in a new home relative to lot location, function, architectural style, and cost.

Reference the House Model Designs for generating ideas on style and floor plan layout. Select a Lot suitable to meet your home-building woals.

Review the Size and Massing and Lot Layout Sections of these Guidelines to understand how to place the house and garage on the lot.





Step 2:

Review the Architectural House Styles

Six distinct house styles that are prevalent throughout the northeast neighborhood draw from the full spectrum of architectural tradition: American Colonial, American Vernacular, American Foursquare, Craftsman, Dutch Colonial and Tudor.

Sten 3:

Choose Architectural Style

Choose an architectural style from the six house styles as documented in these Guidelines. In addition to the particular style, select the appropriate massing and facade composition of the house based on the floor plan and layout of rooms.

House Model Designs recommended for the Triangle Neighborhood may be used or an adaptation of these designs may be customized.



Choose Eaves and Porches

Porches and Porticos are an essential element of a Triangle Neighborhood house and are required. The location and design elements of porches are covered in this Section. The massing of the front porch and its details are specific to each house type and distinct within a particular style,



Choose Windows and Doors

The window and door spacing and overall composition is related to the shape and style of the house. Typical window and door proportions, trim details, and special window or door elements are illustrated in this Section.



Step 4:

Identify Appropriate Landscape

This Section of the Guidelines is intended to provide guidance for designers, builders, and homeowners regarding the private landscape for properties in the Triangle Neighborhoud.



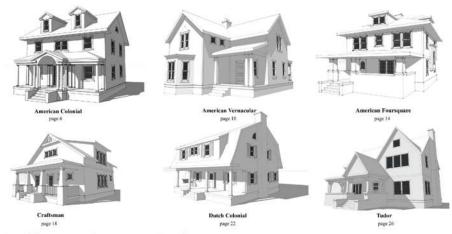
Step 5:

Review the House Design with the Triangle Neighborhood Architectural Review Committee

The Architectural Review Committee (ARC) is intended to provide guidance in addition to serving as a resource for designers, builders, and potential homeowners within the Triangle Neighborhood.



The Six House Styles



Architectural House Styles

History and Character

The Colonial style house dates back to the early 18th century when England, France, and Spain had colonies spread across what is now the United States, and was influenced by several European styles including Georgian, Federal, French Colonial, Datch Colonial, Sonnish Colonial, and the Early Classical Revival style, popularized in the south by such architects as Thomas Jefferson. The American Colonial house style is the most popular architectural style in the United States since its earlier forms, and is characterized by a symmetrical arrangement of windows around a central door, usually under a portico or porch. and can include either a central, single chimney or paired, flanking chimneys.



IDENTIFYING FEATURES

- t. Medium pitched, side-gable roof, with or without dormers.
- 2. Entry portico or full-width front porch with architecturally correct
- within each wall.

columns.

- Double-hung windows aligned vertically and horizontally.
- Central front entry with sidelights and elaborated trimwork.

3. Symmetrical window placement

American Colonial

Massing and Composition









Side Gable (Ontional Hispord Ends)

Side Gable with Dormers

Cross-Gahle Front (Ontional Hipped Ends)

















Windows and Doors











Double Hong 6 ever 6

Partial Glazed

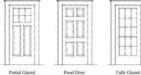
Double Hung 6 over 1







Paired Double Hung







- Composition typically characterized by symmetrical arrangement of doors and windows, typically with an odd number of boys.
- 2. Entrance is typically centered in wider houses, and off-center in narrower
- Window patterns are typically repetitive and simple with equal spacing between windows and doors.
 - Accent windows are typically grouped as compositional accents, and panes should be similar in proportion to the main windows.





Materials, Color, and Possibilities









Materials

Cladding:

Smooth-finish wood or fiber cement board lap siding, smooth-finish brick

Siding Exposure: 6-8"

Corner boards: 4-6"

Window and Door Trim;

Type: simple 4-6" wood trim

Caps, backband moldings, and aprons under window sills are common

Shutters (il'used): louvered or paneled and should be half the window width.

Colors:

Body: can be the same color with frieze; the first and second floors may be differentiated with color.

Trim: white, off-white, or rich earth tones















American Colonial

History and Character

Vernacular Architecture refers to buildings that were built within a particular region unique best building materials. These buildings were typically simple in form and were purely finestional. The American Vernacular house is the result of a more conventional method of building homes to the Victorian and other Reviol styles, using simple cross-public forms, 2 stories in height, and tall, narrow windows symmetrical with the gable forms.



IDENTIFYING FEATURES

- Modium-pitched, cross-gabled roof, 2 stories in height
- 2. Porch placed within "L" created by the two wings of the house
- Symmetrical window placement within each wall
- Boxed overhangs, often with stickwork ornament
- 5- Tall and narrow window
 - proportions

Massing and Composition









Side Gable

Lines Conside

Hipped Roof









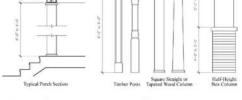


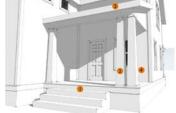




American Vernacular

Eaves and Porches Typical Eave Section Gathe End Elevation Fig. plant Fig.





- Front Porch typically placed within area created by the two wings of the main bouse.
- Porch roofs have gable-ends, shed roofs, or hip roofs, typically with 3 or 4 in 12 pitch.
- 3. Simple, square or round post columns at front porch,
- 4. Porches can have a simple railing or no rail.



American Vernacular

Windows and Doors







Double Hung 6 over 6









Grouped Double Hung

Double Hung

Lover I



Accent Window







Partial Glazed





Fully Glored

- Composition typically characterized by symmetrical arrangement of doors and windows within each wall.
- 2. Windows typically tall and narrow in proportion. Typical window buy at side facades of house.
- 4. Accent windows typical at front gable front or side walls.





Materials, Color, and Possbilities









Materials

Cladding

Smooth-finish wood, fiber-cement board lap siding, smooth-finish brick

Siding Exposure: 6-8"
Corner boards: 4-6"

Window and Door Trim:

Type: simple 4-6" wood trim

Caps, backband moldings, and aprovisuader window sillly are common

Colors:

Body: can be the same color with frieze; the first and second floors may be differentiated with color.

Trim: white, off-white, or rich earth tones















American Vernacular

History and Character

The American Foursquare, popular from the mid-1890's to the late 1930's, was a more plain is jet of house to the Victorian and other Revival styles popular as the time. Characteristics include a four-squared box in plan, two-and-one half stories tall, deeners and a large front porch. The style incorporates elements from the Prairie School and the Cnathrums whele.



IDENTIFYING FEATURES

- Low-pitched, hipped roof with wide overhangs
- Short, square porch columns on massive pier
- 3. Balanced window placement with off-centered extrance
- Full width front porch under hipped roof with wide overhangs
- 5. Full two-story mass, box-shaped
- Detailing emphasizing horizontal lines

Massing and Composition









2-Story

1-Story







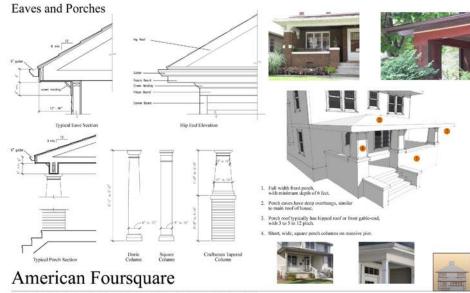








American Foursquare



Windows and Doors

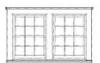


6 over 6





Double Hung 6 over 1



Paired Double Hung



Partial Glazed



Panel Door

















- Composition typically characterized by symmetrical arrangement of doors and windows, with front door off-center under front porch.
- 2. Symmetrical arrangement of windows at all facades of the house.
- 3. Typical buy windows at side facades of house.
- 4. Second floor windows typically directly beneath a deep overhanging
- 5. Third floor attic dormers with accent windows or windows that are similar style of main windows.



Materials, Color, and Possbilities









Materials

Cladding:

Smeeth-finish wood, fiber cement-board lap siding, smooth-limsh brick, light sand-limsh stocco Siding Exposure: 6-8" Corner boards: 4-6"



Type: simple 4-6" wood trim

Caps, backband moldings, and aprons under window sills are common

Shutters (if used): louvered or puncled and should be half the window widteh.

Colors:

Body: can be the same color with frieze; the first and second floors may be differentiated with color.

Trim: white, off-white, or rich earth tones















American Foursquare

History and Character

The Craftsman style originated in southern California and was the dominant style for smaller houses build throughout America during the neriod from 1905 until the early 1920's. Craftsman houses were influenced by the contemporaneous Prarie style and a more relaxed style than the hevily ornate Victorian style of the period. Characteristics include low-pitched. gabeled roof with wide eave overgang; 1 or 1-1/2 story bungalow or 2-story heights; integral porches with roofs supported by tapered columns.



IDENTIFYING FEATURES

- 1. Short, square porch columns on massive pier
- 2. Fall width frost peech, contained
- under main roof
- 3. Centered dormer with gable or shed roof, or gable-front main roof.

Massing and Composition









Side Gable

Front Gable

Hipped Roof















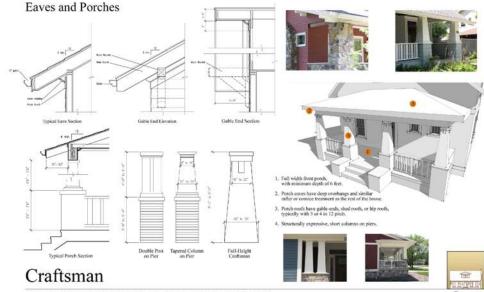
Craftsman

4. Grouped windows in asymmetrical

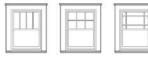
Side-gabled roof, one-and-a-half

but balanced composition

stories in height



Windows and Doors





Double Hung 6 over 1

Double Hung 9 mer 1



Groupest Double Hung

Grouped Fixed





Partial Glassed



Fully Glazed



Accent Window

Fully Glazed









 Composition typically characterized by an assymetrical yet balanced placement of doors and windows.

- Doors are typically under porches, are wide in proportion, and often have transoms or sidelights.
- Windows typically occur in multiples.
- Typical accent windows in gable ends occur in triples, small squares or box bay windows.
- 5. Dormer windows typically grouped together in pairs or multiples.





Partial Glazed

Materials, Color, and Possbilities









Materials

Cladding:

Smooth-finish wood, fiber-cement board lap siding smooth-finish book, light sand-finish slucco

Siding Exposure: 6-8"

Corner boards: 4-6"

Window and Door Trim: Type: simple 4-6" wood trim

Caps, backband moldings, and aprons under window sills are common



Body: can be the same color with frieze; the first and second floors may be differentiated with color.

Trim: white, off-white, or rich earth tones



















Craftsman

History and Character

The origins of the Dutch Colonial in the America dates buck between the 1600s and mid 1800s; and became a popular style between 1890 and 1930 in the northeastern states, particularly New York, New Jersey, and Pennsylvania. This house style is primarily characterized by the gambrel roof form, with or without flaring eaves, and resembles a burn in construction. The Dutch Colonial can often include classical elements. dormer windows, round or quarter round windows in the gambrel ends,



IDENTIFYING FEATURES

- 1. Continuous donner across front and back of house
- 9. Full width integrated front porch or under low-pitch shed roof
- 3. Symmetrical window placement with central entry
- 4. Classical wooden columns on
- Steeply-pitched side gambeel

Massing and Composition









Side Gambrel with Dormers

Front Gambrel with dormers

Front Gambrel with Cross Gable















Dutch Colonial

Eaves and Porches 15 Gable End Elevation Typical Eave Section Doric Column Tescan Column Square Column Typical Porch Section







- 1. Full width front porch under main gambrel roof, with minimum depth of 6 feet.
- 2. Porch roofs can also typically have a gable-end, with 4 to 5 in 12 pitch,
- 3. Typical classical column, or simple square or round post columns.





Windows and Doors





Double Hung 8 over 8



Double Hung 12 over #







Grouped Double Hune



Accent Window











Panel Door



Composition typically characterized by symmetrical arrangement of doors and windows at the front with central entry.

- Typical continuous dormer across front and back of house with symmetrical window arrangement.
- 3. Symmetrical or balanced window arrangement at side walls.
- 4. Typical quarter-round accent windows at gambrel ends.



Dutch Colonial

Partial Glazol/Sidelites

Partial Glazed

Dutch Door

Materials, Color, and Possbilities









Materials

Smooth-finish wood, fiber-cement board, smooth-finish brick

Siding Exposure: 6-8"

Window and Door Trim:

Type: simple 4-6" wood trim Caps, backband moldings, and apronsunder window sills are common

Shutters (if used); louvered or puncled and should be half the window widteh.

Colors:

Body: can be the same color with frieze; the first and second floors may be differentiated with color.

Trim: white, off-white, or rich earth tones











Cladding:









History and Character

The Todor style house became popular in the U.S. during the 1920s and 1930s, and also re-emerged with modified versions in the 1970s and 1980s in suburban homes. The Tudor style was loosely based on its medieval prototype, and often combines Victorian or Craftsman style elements and detailing. Tudor homes are characterized by steeply pitched roofs, prominent cross gables, tall and narrow windows and doors, and can often have false half-timbering and large chimneys.



- gables and dormers
- 2. Balanced window and door Incations
- 3. Massive brick chimney with chimney pots

Massing and Composition









Cross Gabler

Cross Gables with Parch Entrance

Side Gable with Conveyed Entremy

Front Gable with Shed Dormery









IDENTIFYING FEATURES

- 4. Steep roof pitches with cross 4. Heavy-timber detailing
 - 5. Roof lines extend below windows. at second floor
 - 6. Shallow overhangs, simple detailing









Eaves and Porches









- Porches can be covered within the main structure of the house, or act as a separate feature at the front of the house.
- 2. Heavy timbering typical at porch supports.
- 3. Porch roofs have steep roof pitches similar to main house.
- 4. False timbering common at gable fronts or shed roof ends.





and Brackets

Windows and Doors



Casement Casement



Grouped Casements



Grouped Casement



Circuped Fixed with Casement



Accent Window











Full Penel



- Composition typically characterized by an assymetrical yet balanced placement of doors and windows.
- 2. Doorways are commonly adorned with Renaissance detailing and are typically arched.
- 3. Windows are typically tall and narrow with multiple-pane glazing.
- 4. Windows frequently occur in multiples.





Materials, Color, and Possbilities









Materials

Cladding

Smooth-finish wood, fiber-cement board lap siding, smooth-finish brick, light sand-finish stacco

Siding Exposure: 6-8" Corner boards: 4-6"

Window and Door Tring

Type: simple 4-6" wood trim

Caps, backbond moldings, and aprons under window sill is are common

Colors:

Body: can be the same color with frieze; the first and second floors may be differentiated with color.

Irim: white, off-white, or rich earth tones







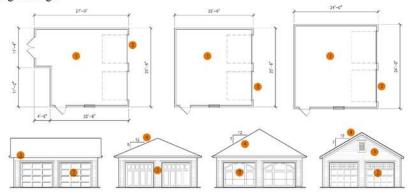






Tudor

Garage Design



- Inside area no less than 400 sq ft, and no more than 600 sq ft.
- Individual garage doors (2 maximum) shall not exceed 9 ft in width, and shall be wood or metal, and with a panel design.
- Garages shall have the same exterior materials as the house (siding, trim, and roof material).
- Roof pitches not to be less than 5 in 12, and preferably should match the main roof of the house.

Garages

1-Story Section

A Porch or Portico is required. Floor elevations shall be a minimum of 24" and a maximum of 36" above grade. The depth of the porch shall be a minimum of 6'.

Open porch bases are prohibited. Porch bases shall be continuously skirted with a painted wood lattice panel, masonry, or similar material to the primary building.

Basements shall have a clear height of N'-0" from the floor slab to the bottom of the joint. This height allows for basement apaces to be finished without comprimining the comfort and use of the space. Dasements must also be properly ventilated and lit with natural light and meet all applicable local building codes.

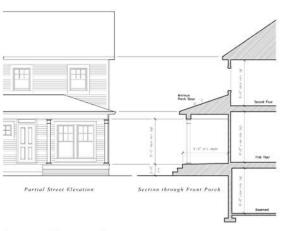
The first floor shall have a minimum ceiling height of 9'-0" in order for the house to have a presence at street level. This height also allows for maximum daylight with correctly properties of minimum or interior spaces to feel more spaceous.





Size and Massing

2-Story Section



A Porch or Portico is required. Floor elevations shall be a minimum of 24" and a maximum of 36" above grade. The depth of the porch shall be a minimum of 6".

Open porche bases are prohibited. Porch bases shall be continuously skirted with a painted wood lattice panel, masoury, or similar material to the primary building.

Basements shall have a clear height of 8.00 from the floor slab to the bottom of the joists. This height allows for basement spaces to be finished without comprimising the comfort and use of the space. Basements must also be properly vestilated and lit with natural light and meet all applicable local building codes.

The first floor shall have a minimum ceiling height of 9'-0" in order for the house to have a presence at street level. This height also allows for maximum daylight with correctly proportioned windows for interior spaces to feel more spaceous.

The second floor shall have a minimum ceiling height of 8'-0".



Size and Massing

2-1/2-Story Section



A Porch or Portico is required. Floor elevations shall be a minimum of 24" and a maximum of 36" above grade. The depth of the porch shall be a minimum of 6".

Open porch bases are prohibited. Porch bases shall be continuously skirted with a painted wood lattice, masonry or similar material to the primary building.

Basements shall have a clear height of 8:00 from the floor slab to the bottom of the joists. This height allows for basement spaces to be finished without comprimising the comfort and use of the space. Basements must also be properly ventilated and lit with natural light and meet all amplicable local building codes.

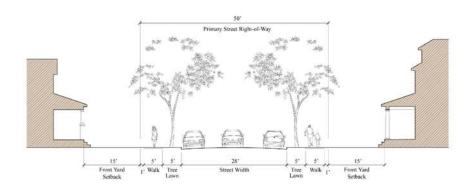
The first floor shall have a minimum ceiling height of 9.0" in order for the house to have a presence at street level. This height also allows for maximum daylight with correctly proportioned windows for interior spaces to feel more apacious.

The second floor shall have a minimum ceiling height of 8'-0". Dormers at the third level/attic space shall have a minimum head height of 6'-8".



Size and Massing

Streetscape



Lot Layout

Garage Placement

Garages are the only detached structures allowed by these Guidelines. Sheds of any kind are not permitted

A garage may be connected to the main house. This connection could be an open breezeway, similar to a covered porch (with or without screens) or an enclosed space such as a sunroom.

Garages may also be attached to the house. Attached garages will have to accomodate the grade change between the house floor elevation and garage floor, which may require a slightly larger (outprint.

Garage overhead doors must face the alley or be oriented away from the primary street frontage, with the exception of those 50 feet wide front-loaded lots, where vehicular access will be more efficient and practical by facing the primary street.











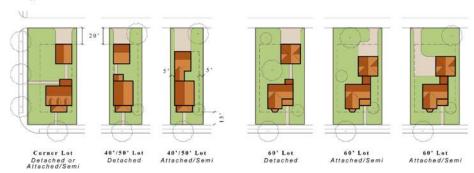


Lot Layout

Semi-Detached Garage

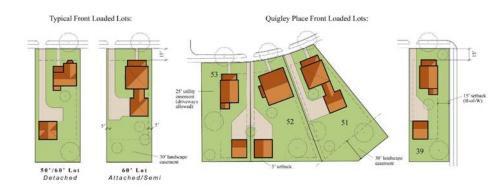
Rear Loaded Lots (Alley Access)

Typical Rear Loaded Lots:



Lot Layout

Front Loaded Lots



Lot Layout

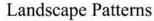
General Site Considerations

Landscape and Hardscape Improvements



- 1. Decidious trees used for shade.
- 2. Rear yard privacy fence (48" max.).
- 3. Slope grade 2% away from house.
- 4. Use porous paying at driveway and other hardscaped areas (10° max, width).
- 6. Evergreen and perennnial beds at perimeter
- 7. Rain collection harrel.
- 8. Evergreen harriers for blocking winter winds.
- 9. Front sidewalk (minimum 48" wide).











Landscaping for Sustainability

Landscaping that utilizes native plantings, shade trees, porous concrete or brick paving, rain collection barrels and cisterns, rain gardens and rain chains, and onsite grey water management systems are ways to help a community become sustainable.

The following is a list of sustainable devices and techniques that are strongly encouraged for all residents to utilize:

- Native plantings to reduce watering
- Increased yard planting in place of lawn to reduce maintenance
- Proper shade tree placement to reduce solar gain
- Rain barrels, rain chains, and rain gardens to catch rain water for irrigation
- Greywater retention system for recycling water



Pervious concrete and brick paving aids in percolation of runoff water



Rain barrels collect roof runoff for irrigation







Native plantings help support the local ecosystem without impation demands

Landscape Patterns



Applications & Materials

Roofing

 Laminated asphalt or composition shingles with a slate pattern or slate (including manufactured slate products)



Soffits

 Smooth-finish composition board, tongue-and-groove wood boards, fiber-cement panels or prefinished aluminum

Gutters & Downspouts

Half-round or ogoe profile gutters with round or roctangular downspouts in copper or prefinished metal.

Dormers

Proportioned to compliment the architectural style of the house.

Skylights

Are permitted on the slope of tear roof only, and must not be visable from the primary street

Cladding

- Smooth-finish wood or fiber-current lap siding, 6- to 8-inch exposure, or nucleo-width out shingles
- Sand-molded or smooth-finish brick in Common, English or Flemish bond natterns
- · Light sand-finish stacco
- Account siding may be used to create detail 2nd interest

Trim

 Wood, composite cellular PVC or polyurethane millwork; stacco, stone or east stone, 4- to 6-inch



Windows

 Painted wood or solid cellfular PVC or clad wood or vinyl with brick veneer only, true divided hight or simulated divided light (SDL) sash with traditional coterior markin profile (3/4" wide min.)



Door

 Wood, fiberglass or steel with traditional stile - and - rail proportions and raised panel profiles, painted or stained



Shutters

 Wood or composite, sized to match window sash and mounted with hardware to appear operable.



Foundations & Chimneys

· Brick, stucco or stone veneer



Applications & Materials

Front Porches

· Required on all homes and must face the primary street. There are a variety of forms and materials permitted depending on the architectural style of the house.



Rear Vard Fences

- · Wood picket, pointable PVC picket. or solid bar stock metal nicket
- · Considered an extention of the architecture of the house

Front Yard Landscaping



Address Numbers

 Address numbers must be 3"-4" in heigth, and designed as a decorative element that compliments the house's architecture. Text should contrast with the background material/color upon which it is placed. Located along the main street elevation only and be visible at night.



Mailhoves

· Mailboxes must be incorporated into the architecture or otherwise attached to the house.



Columns

· Architecturally correct Classical proportions and details in wood, fiberglass or composite materials

Raillings

- · Milled wood or PVC top and bottom rails with square or turned balusters
- · Wrought iron or solid bar stock square metal picket



· Plaster, tongue-and-groove wood/ PVC or composite bounds, or beaded-profile plywood.



· Painted wood, concrete stone or brick

Front Portico

· May be used in lieu of a perch; centeredon the house's main entry door



Porch pendant, recessed can or wall-mounted carriage lantern



· Plantings are required to follow the same general height guidelines as fences. Landscaping in the front should be no higher that 3'-0" and formal in design. All shrubs should be planted in groups of at least ten (like species) rather than individuals. The only taller plantings permitted in the front yard are small decorative, ornamental or flowering trees.





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