Narrow Lot Design Guidelines

February 18, 2008
# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table of Contents</td>
<td>1</td>
</tr>
<tr>
<td>Allowed Building Types</td>
<td>2</td>
</tr>
<tr>
<td>Allowed Frontage Types</td>
<td>4</td>
</tr>
<tr>
<td>Site Design Reference Page</td>
<td>6</td>
</tr>
<tr>
<td>Architectural Design Reference Page</td>
<td>7</td>
</tr>
<tr>
<td>Site Design Guidelines</td>
<td>8</td>
</tr>
<tr>
<td>Architectural Design Guidelines</td>
<td>26</td>
</tr>
</tbody>
</table>
A variety of building types are permitted using the standards outlined in these design guidelines. Paired Houses (Duplex), Flat over Flats (Duplex), and Rowhouses may only be built where at least 50% of the block length or block width are under one ownership and the lots are developed at the same time.

<table>
<thead>
<tr>
<th>Building Type</th>
<th>Number of Dwelling Units per Building</th>
<th>Allowed on all Lots</th>
<th>Allowed where at least 50% of the block length or block width are under one ownership and the lots are developed at the same time.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Family Detached House</td>
<td>1</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Accessory Unit</td>
<td>1</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Paired House (Duplex)</td>
<td>2</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Flat Over Flat (Duplex)</td>
<td>2</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Rowhouse</td>
<td>3</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Small Civic Building</td>
<td>0</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**Single Family Detached House**
- One dwelling unit on its own lot, detached from other adjoining lots.

**Accessory Unit**
- A dwelling unit (sometimes known as Granny Flat) that is located over a garage on the same lot or premises as the main structure. Such units can be attached or detached from the main structure, and are located towards the rear of the lot. All accessory units shall have a maximum square footage equal to 50 percent of the main structure’s finished space excluding garages and basements. Accessory units must maintain existing parking requirements.
**Building Types**

**Paired House (Duplex)**
- A structure with two dwelling units placed one beside the other, sharing a common wall. It may additionally have an Accessory Unit to the rear of the property.

**Flat Over Flat (Duplex)**
- A structure with two dwelling units placed one above the other. It may additionally have an Accessory Unit to the rear of the property.

**Rowhouse**
- A structure with three dwelling units placed one beside the other, sharing common walls. A Rowhouse is typically a “for sale” unit, from ground to roof, with no units above or below.

**Small Civic Building**
- A building specifically designed for a civic function.
Frontage type refers to how a building “faces” the street and what occurs between the front facade of a building and the street right-of-way. A variety of frontage types are permitted and are regulated by building type.

<table>
<thead>
<tr>
<th>Building Type</th>
<th>Front Yard</th>
<th>Side Yard</th>
<th>Dooryard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Family Detached House</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Paired House (Duplex)</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Flat Over Flat (Duplex)</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Row House</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Small Civic</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Accessory Unit</td>
<td>Constraints dependent on Principal Structure</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Front Yard Frontage**

A frontage where the facade is set back from the frontage line. Open-air porches, stoops, balconies, and stairs are allowed to encroach into the front setback. The front door is located on the street-facing building facade.
**Side Yard Frontage**

A frontage where the building sits close to one side of the lot and leaves a larger side yard along the other side of the lot. A side yard house has a minimal front setback and a side porch or stoop that provides access to the front door. Open-air porches, stoops, balconies, and stairs are allowed to encroach into the front setback. The front door is located on the street-facing or side-yard building facade.

**Dooryard Frontage**

A frontage where the facade is set back from the frontage line by an at-grade courtyard. This frontage type has a fence, wall, or hedge at the front lot line that surrounds the courtyard. Open-air porches, stoops, balconies, and stairs are allowed to encroach into the front setback. The front door is located on the street-facing building facade.
Site design guidelines ensure that the building is sited properly on the lot. Proper building placement and landscaping ensures that new buildings reinforce and enhance the existing streetscape and character of the neighborhood.
Architectural design guidelines ensure that the building is regionally appropriate and consistent with existing buildings. Proper detailing ensures that new buildings reinforce and enhance the existing streetscape and character of the neighborhood.

This image is for reference purposes only and does not constitute a standard.
**INTENT:**

Setbacks determine where buildings may be built on any given piece of property. Standards ensure that new buildings are placed in locations that reinforce the existing character of the streetscape and neighborhood. Maximum front setbacks ensure that building facades consistently line the street and adequately provide screening for the private backyard.

Encroachments allow open-air porches, stoops, and balconies to encroach into street-facing setbacks to provide a transition from the public realm of the street to the private realm of the building.

**STANDARD:**

Setbacks are regulated by frontage type and existing adjacent structures.

If a primary structure exists on either adjacent lot, the setback of the facade of the closest building to the street R.O.W. is considered the minimum front setback. For this situation, the maximum front setback shall be the adjacent minimum plus 10 feet or the adjacent maximum, whichever is closest to the street R.O.W. The adjacent maximum is defined as the setback of the adjacent primary structure that is located the furthest from the street.

Open-air porches, stoops, or balconies are allowed to encroach a maximum of ten (10) feet into street-facing front or side setbacks.
## Setbacks

### Setback Dimensions

#### Front Setback

<table>
<thead>
<tr>
<th>Building Type</th>
<th>Frontage Type</th>
<th>with an adj. structure</th>
<th>with no adj. structure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Max.: choose the lesser of</td>
<td>Min.</td>
</tr>
<tr>
<td>All Building Types</td>
<td>Front Yard</td>
<td>Adj. Min.</td>
<td>Adj. Min. + 10”</td>
</tr>
<tr>
<td>Types</td>
<td>Door Yard</td>
<td>Side Yard</td>
<td>Adj. Min.</td>
</tr>
</tbody>
</table>

#### Side Setback

<table>
<thead>
<tr>
<th>Building Type</th>
<th>Frontage Type</th>
<th>Building Side*</th>
<th>Non Street-Facing</th>
<th>Street-Facing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Min.</td>
<td>Max.</td>
</tr>
<tr>
<td>Rowhouse</td>
<td>Front Yard</td>
<td>Side 1</td>
<td>Side 1 is attached to another unit</td>
<td>Rowhouses are not permitted on corner lots</td>
</tr>
<tr>
<td></td>
<td>Door Yard</td>
<td>Side 2</td>
<td>3’</td>
<td>15’</td>
</tr>
<tr>
<td>All other Building Types</td>
<td>Front Yard</td>
<td>Side 1</td>
<td>3’</td>
<td>15’</td>
</tr>
<tr>
<td></td>
<td>Door Yard</td>
<td>Side 2</td>
<td>3’</td>
<td>15’</td>
</tr>
<tr>
<td></td>
<td>Side Yard</td>
<td>Side 1</td>
<td>3’</td>
<td>5’</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Side 2</td>
<td>10’</td>
<td>20’</td>
</tr>
</tbody>
</table>

*Refer to Frontage Type Diagrams (pages 4 & 5) for Building Side Locations

#### Rear Setback

<table>
<thead>
<tr>
<th>Building Type</th>
<th>Frontage Type</th>
<th>Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Building Types</td>
<td>All Frontage Types</td>
<td>5’</td>
</tr>
</tbody>
</table>
**S**TANDARD:

Buildings located on corner lots shall use windows, porches, stoops, sun rooms, bay windows, or entrances on both sides. On corner lots, street facing facades shall contain a maximum of one main entry.

**INTENT:**

Buildings located on street corners should have facades that relate to both streets. Buildings should use porches, sun rooms, bay windows, additional entries, and other elements typically used only on front facades on both street-facing facades.

Wrapping a Porch around the Corner
Corner Lots

Don’t Do This

The side-street facade has no windows. The side street facade should be detailed like the front facade.

Do This

Front porch wraps the corner; windows are located on both street-facing facades. Both facades are detailed the same.

Side porch is located on side street-facing facade. Both facades are detailed the same.

The side street facade has a bay window, but no 2nd story windows. The side street facade should be detailed like the front facade.

Front porch wraps the corner; windows are located on both street-facing facades. Both facades are detailed the same.

Windows consistently located on both street facing facades. Both facades are detailed the same.
**Parking with Alleys**

**Standard:**

Lots with concrete, asphalt, or gravel alleys consisting of ten (10) feet minimum of clear and drivable width shall use the alleys to provide vehicular access to garages and off-street parking. Garage doors shall not face the street.

**Intent:**

Alleys should be used to access garages and private parking for a specific lot. This ensures that garage doors do not face streets. Using alleys reduces curb cuts, the area of paved driveway, and allows for a more consistent public streetscape dominated by porches, street trees, and landscaping instead of garage doors and driveways.

*Note: Not all lot dimensions may work for all parking, driveway, and garage configurations.*
Parking With Alleys

Don’t Do This

- The garage door faces the street, but it should face the alley.

Do This

- A garage with tandem parking accessed from an alley.
- These garages are accessed from an alley, but the drives are far too long; valuable space for private backyards is lost.
- A parking spot beside an alley-accessed garage.
- Parking accessed from an alley.
- Garages accessed from an alley.
Parking without Alleys

Intent:

Ideally, garage doors should not directly face onto streets. For lots without access to an alley, garages should be located to the rear of the lot and behind the facade of the building. This ensures that the public streetscape is dominated by pedestrian-scaled structures like porches, stoops, and landscaping.

Standard:

Lots without alleys shall locate driveways and garages to the side and rear of the building. Attached garages with a street-facing garage door shall be no more than 1/3 the total width of the building and shall be located a minimum of 15 feet behind the facade of the structure. Corner lots shall locate the garage at the rear of the lot. Unless the side street is an arterial or a collector, vehicular access to the garage shall be provided off of the side street. This vehicular access shall not violate the curb cut ordinance. If a garage door faces the side street on a corner lot, the garage shall be set back at least 5 feet from the building facade. Lots with shared driveways must submit an agreement between properties concerning maintenance and use of the shared driveway.

Note: Not all lot dimensions may work for all parking, driveway, and garage configurations.
Parking Without Alleys

Don’t Do This

The garage occupies more than 1/3 of the front facade. The garage is not recessed 15’ from the front facade.

The parking is located in the front yard of the house; the parking should be located to the side and rear of the building.

Do This

The driveway and parking are located to the side of the building.

The garage is located to the rear of the building.

The garage is located to the rear of the building.

The attached garage takes up less than 1/3 of front facade and is recessed 15’ feet from the front facade.
Parking with Difficult Topography

**Intent:**
Ideally, garage doors should not directly face onto streets. However, narrow lots with a back yard significantly higher than the front yard make it difficult to locate garages in the back of the building. In this situation, a garage that is located in the basement or under the front porch may have a street-facing garage door as long as the garage door and driveway are narrow and are at a different elevation from the front yard. Standards ensure that the garage is not given too much prominence.

**Standard:**
Lots with a back lot line at least fifteen (15) feet higher than the front lot line may locate the garage in the basement of a street facing facade of a building. The garage door shall be no wider than nine (9) feet wide and shall be located in the basement wall under the first floor street-facing building facade or front porch; in no circumstance shall the garage extend beyond the front porch or stoop. The garage door shall be located to one side of the street-facing facade. No more than one garage door may face the street for a given unit. For attached units, a garage door or driveway for one unit shall not be paired with a garage door or driveway for another unit.

The front yard shall be graded to achieve a maximum slope of 5%. The yard shall be raised above the sidewalk and driveway through the use of retaining walls and stairs. If the front yard is not raised above the sidewalk, the garage door shall be located at least four (4) feet lower than the sidewalk. The driveway to the garage shall be no wider than twelve (12) feet and shall be bounded by retaining walls and stairs. The front door shall be located on the first floor of the building; in no circumstance shall the front door be located on the same level as the garage door. No split level facades are allowed on street-facing facades.

- Yard Raised above Sidewalk and Garage
- Garage Located in Basement under House or Front Porch; Max. 9’ Wide Garage Door
- Garage Door located to one side of the building facade
- Max. 12’ Wide Driveway with retaining walls
- Raised Yard with 5% max. Slope
- Garage at least 4’ below the sidewalk
- Garage located below the Sidewalk
Parking With Difficult Topography

**Don’t Do This**

The garage is not located in the basement; the garage extends out past the front porch or stoop; the front yard is not raised.

The garage is not located in the basement; the garage doors and driveways are paired; there is no front yard and it is not raised; there is no visible front door.

The front door is not located on the first floor; the garage doors and driveways are paired; there is no raised front yard with 5% max. slope; the driveway is not bounded by retaining walls.

The front facade is a split level; there are two garage doors; the driveway is wider than 12’; there is no raised front yard with 5% max. slope; the driveway is not bounded by retaining walls.

**Do This**

The garage is located in the basement under the front porch; there is one garage door with a driveway bounded by retaining walls; the front yard is raised; the front door is on the first floor.

The garage is located in the basement under the first floor; there is one garage door with a driveway bounded by retaining walls; the front yard is raised; the front door is on the first floor.
**STANDARD:**

The public realm of street and sidewalk shall be transitioned to the private space of the home and private yard through the use of transition elements. At least two transition elements shall be used. Transition elements are regulated by frontage type. A porch or stoop is required at the front entry.

**INTENT:**

The area in front of a building should provide a transition from the public realm of the street and sidewalk to the private realm of the building and backyard. This transition ensures that residents enjoy a limited amount of privacy within a physically-defined zone that overlooks the public realm. This also ensures that the visitor perceives the limits of the public streetscape.

<table>
<thead>
<tr>
<th>Transition Element</th>
<th>Location</th>
<th>Frontage Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Stone, Brick, or Stucco Wall</td>
<td>Between Sidewalk and Yard</td>
<td>Allowed</td>
</tr>
<tr>
<td>• Fence</td>
<td></td>
<td>Allowed</td>
</tr>
<tr>
<td>• Hedge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Raised Lawn</td>
<td>Between Sidewalk and Porch/Stoop</td>
<td>Allowed</td>
</tr>
<tr>
<td>• Turf, Stone, Brick, or Concrete Courtyard</td>
<td>Between Wall, Fence, or Hedge and House</td>
<td>Not Allowed</td>
</tr>
<tr>
<td>• Porch or Stoop</td>
<td>Between Yard and House</td>
<td>Required</td>
</tr>
<tr>
<td>• Steps</td>
<td>Between Sidewalk and Yard or Yard and Porch/Stoop</td>
<td>Required</td>
</tr>
</tbody>
</table>
This building uses no transitions.

Two transition elements are used, but are incorrectly built; refer to the landscaping standards.

The stairs, raised lawn, and porch provide a transition.

The hedge, steps, and stoop provide the necessary transition.

The wall and hedge provide a good transition.

A courtyard with a fence provides the necessary transition.
STANDARD:

Porches and stoops shall be raised a minimum of 30 inches above the grade of the sidewalk. If an adjacent front yard is raised above the height of the sidewalk, then the front yard shall have a raised lawn. The height above the sidewalk of this raised lawn shall be the same as the height above the sidewalk of the adjacent front yard.

INTENT:

The eye level of a person sitting on a front porch, stoop, or yard should be higher than or equal to the eye level of someone walking down the sidewalk. This ensures that there is a visual separation between the public realm of streetscape to the more private realm of the front yard, porch, or stoop.
**Raised Porches, Stoops, and Lawns**

**Don’t Do This**

- The porch is not raised 30” above the sidewalk.

**Do This**

- The porches and lawns are raised above the sidewalk.
- The porches are raised above the sidewalk.
- A slope and stairs raise the lawn above the sidewalk.
- A retaining wall raised the lawn above the sidewalk.

Since the new house on the right was built next to an existing house with a raised lawn, the new house should also have a raised lawn.
LANDSCAPING

INTENT:

Landscaping in the transition zone should help provide a transition from the public realm of the sidewalk and street to the private realm of the house and backyard. This landscaping, however, should not substantially block a visitor’s view of the building. Landscaping in the private zone should ensure privacy for the resident.

STANDARD:

Landscape standards are regulated by location within one of two zones: the transition zone and the private zone. The transition zone shall begin at the street R.O.W and extend to the private zone. The private zone shall begin at 15 feet behind the street facing building facade. For corner lots, the private zone shall begin at 5’ behind the building facade that faces the side-street.

<table>
<thead>
<tr>
<th>Frontage Type</th>
<th>Transition Zone</th>
<th>Private Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fence, Wall, or Hedge Height</td>
<td>All</td>
<td>30” max</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30” min</td>
</tr>
<tr>
<td>Fence or Wall Materials</td>
<td>All</td>
<td>Chain Link Not Allowed</td>
</tr>
<tr>
<td>Minimum Plantings</td>
<td>All</td>
<td>4 Shrubs;</td>
</tr>
<tr>
<td></td>
<td>All</td>
<td>2 Trees, Shade</td>
</tr>
<tr>
<td></td>
<td>All</td>
<td>or Ornamental</td>
</tr>
<tr>
<td>Minimum Foundation Plantings</td>
<td>All</td>
<td>1 Shrub or Ornamental Tree every 36” along Street-Facing Foundation Walls</td>
</tr>
<tr>
<td>Primary Walk to Front Door Materials</td>
<td>All</td>
<td>Concrete Brick Stone</td>
</tr>
<tr>
<td>Courtyard Materials</td>
<td>Door Yard</td>
<td>Turf</td>
</tr>
<tr>
<td></td>
<td>All</td>
<td>Concrete Brick Stone</td>
</tr>
<tr>
<td>Driveway Materials</td>
<td>All</td>
<td>Asphalt</td>
</tr>
<tr>
<td></td>
<td>All</td>
<td>Concrete Brick Stone</td>
</tr>
<tr>
<td></td>
<td>All</td>
<td>No Standard</td>
</tr>
</tbody>
</table>
**Landscaping**

**Don’t Do This**

- Chain-link fencing is used.
- This 5’ high fence is too tall to be used in the transition zone.

**Do This**

- Foundation plantings are used along street-facing foundations.
- This dooryard frontage has a wall, fence, and plantings.
- This dooryard frontage has a concrete walk and a turf courtyard surrounded by a fence.
- The fence is no greater than 30” in the transition zone.
**Utilities**

**STANDARD:**

Above ground utility boxes, utility pedestals, and mechanical equipment shall be located within zones along the side or rear of the house and garage that do not face a street.

**INTENT:**

Utilities should not dominate the front yard of a building. When possible, utilities should be located in areas that are hidden from the public streetscape by the sides and rears of buildings.

Locate utilities in these zones.
Utilities

Don’t Do This

Utility boxes and pedestals are located in the front yard.

Utility boxes, air conditioners, and pedestals are located in the front yard.

Do This

Utilities are located to the rear of the garage along the alley.

Because there is no side yard, the air conditioner and utilities are located at the rear of the building.

Utilities are located to the rear of garage along the alley.

Utilities are located to the rear of the garage along the alley.
**STANDARD:**

Height is regulated by stories; for purposes of measuring structures other than buildings, a story shall be equal to twelve (12) feet.

Maximum building height is limited to one (1) story higher than the lowest adjacent primary structure. Minimum building height is limited to one (1) story lower than the tallest adjacent primary structure. Building height shall be at least one (1) story and no more than three (3) stories.

**INTENT:**

Infill structures should not be significantly shorter or taller than adjacent buildings. This ensures that the height of new buildings reinforces and enhances the existing character of the streetscape and neighborhood.

<table>
<thead>
<tr>
<th>Adjacent Structure</th>
<th>New Structure</th>
<th>Adjacent Structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Story</td>
<td>2 Story Max</td>
<td>1 Story</td>
</tr>
<tr>
<td>1 Story</td>
<td>2 Story Max</td>
<td>3 Story</td>
</tr>
<tr>
<td>2 Story</td>
<td>3 Story Max</td>
<td>2 Story</td>
</tr>
</tbody>
</table>

**MAXIMUM HEIGHTS**

<table>
<thead>
<tr>
<th>Adjacent Structure</th>
<th>New Structure</th>
<th>Adjacent Structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Story</td>
<td>1 Story Min</td>
<td>2 Story</td>
</tr>
<tr>
<td>2 Story</td>
<td>2 Story Min</td>
<td>3 Story</td>
</tr>
<tr>
<td>3 Story</td>
<td>2 Story Min</td>
<td>3 Story</td>
</tr>
</tbody>
</table>

**MINIMUM HEIGHTS**
Don’t Do This

This new three story building should not be located next to the existing one story building.

Do This

A one story building located next to a two story building.

A two story building located next to a two story building.
**STANDARD:**

No more than two wall materials shall be visible on any exterior facade, not counting foundation walls, columns, chimneys, and trim. If two wall materials are used, heavier-weighted materials shall be located below a horizontal joint. Vertical changes in material shall not occur within two (2) feet of an exterior corner.

Masonry materials of stone, brick, stucco, or cement board siding are required on all building types except accessory units.

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**INTENT:**

Exterior wall materials should be used simply and with respect to their weight and characteristics. Masonry veneer should be treated as a load-bearing material and should not be used above siding or stucco. Vertical changes in material should occur at interior corners.

Numerous wall materials complicate and inflate the cost of construction. They also tend to highlight an apparent need to decorate the building to compensate for a lack of a simple, pleasing design.

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### Required Masonry Options

<table>
<thead>
<tr>
<th>Masonry Material</th>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone</td>
<td>100% of all visible foundation walls; min. 30&quot; average height above grade</td>
<td>25% of all building facades</td>
<td></td>
</tr>
<tr>
<td>Brick</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stucco</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cement Board Siding</td>
<td>100% of all building facades, excluding trim</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Heavy Weight Materials</th>
<th>Medium Weight Materials</th>
<th>Light Weight Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone</td>
<td>Stucco</td>
<td>Horizontal Siding</td>
</tr>
<tr>
<td>Brick</td>
<td>Vertical Siding</td>
<td>Shingle Siding</td>
</tr>
</tbody>
</table>
**Building Materials**

**Don’t Do This**

A vertical change of material occurs within 2 feet of an exterior corner.

More than two materials are used.

**Do This**

Shingle siding is located above stucco.

100% stone masonry foundation wall.

Horizontal siding is located above brick.

Vertical change of material occurs at an interior corner.
**Using Brick and Stone**

**STANDARD:**

Stone and Brick used on exterior walls shall not terminate at exterior corners. A vertical change of materials from stone or brick to another material shall not occur within 2 feet of an exterior corner. Openings in a brick or stone facade shall have a stone lintel, a stone or brick arch, or a brick soldier course. Horizontal changes of material from brick or stone to another material shall include a stone cap or a brick sill. In all other cases, the material above the brick or stone shall extend over the top edge of the masonry with trim or siding. Horizontal changes of material using a stone cap or brick sill shall not have the cap or sill interrupted by window openings.

**INTENT:**

Brick, stone, or other types of masonry or masonry veneer should be detailed as masonry bearing walls, especially at openings. This ensures that the building appears structurally sound.

- **Soldier Course**
- **Jack Arch**
- **Segmented Arch**
- **Stone Lintel**
- **Horizontal Change with Brick Sill**
- **Horizontal Change with Trim Board**
- **Horizontal Change with Flared Siding**

Wrapping Brick & Stone back to an Interior Corner

Building

Interior Corner

Exterior Corner

Brick or Stone
Do This

A horizontal change of materials with flared siding and trim.

The brick sill is uninterrupted by wall openings.

A stone lintel above a window opening.
A soldier course above a window opening.
A jack arch above a window opening.
A segmented arch above a window opening.

Don’t Do This

The brick sill interrupted by a window.

No lintel, arch, or soldier course above a window opening.

A vertical change in material occurs within 2 feet of an exterior corner.

No lintel, arch, or soldier course above a window opening.
STANDARD:

Roofs shall be simple gable-end or hip configurations. Overlapping gables shall only be used on simple gable projections that incorporate smaller projections such as a 1st floor entry or porch with a larger projection from the main body of the house.

INTENT:

Pitched roofs should be simple gable-end and hip configurations that are easy to construct, minimize cost, and allow for simple shedding of rainwater. Multiple competing and overlapping gables are complicated to build, inflate costs, and highlight an apparent need to decorate a building due to the lack of a simple pleasing design.
**Roofs**

**Don’t Do This**

There are too many overlapping gables; use a simpler roof form.

**Do This**

This house has simple overlapping gables that incorporates a front entry.

A simple gable roof.

A simple gable roof with a dormer.

A simple hip roof.
**INTENT:**

In order to visually terminate an exterior wall on a flat-roofed building, a cornice on a parapet wall should be used. This cornice provides a minimal amount of protection to masonry, siding, and windows that a pitched roof overhang would normally provide.

**STANDARD:**

Flat roofs shall incorporate a cornice into street-facing facades. The cornice shall wrap a minimum of 2 feet around exterior corners. Simple parapets with a stone or brick cap are allowed on rear and side elevations. Flat roofs projecting from a street-facing facade shall include a cornice around the entire projection.

**Simple parapet with Stone or Brick Cap**

**Parapet with Cornice**

**Two Street-Facing Facades:**
wrap cornice 2’ around around exterior corners

**One Street-Facing Facade:**
wrap cornice 2’ around around exterior corners

**Street-Facing Building Projection:**
wrap cornice around entire projection
**Parapets**

**Don’t Do This**

- This street-facing projection has no cornice.
- This street-facing cornice does not wrap the corner.

**Do This**

- A street-facing building projection with a cornice that wraps the entire projection.
- A street-facing parapet with cornice.
- This cornice wraps an exterior corner.
Front Porches

**INTENT:**

A front porch provides a graceful transition from the public realm of the streetscape to the private realm of the building. Porches also provide an ideal outdoor room on the front of a house.

The porch should have a depth of six feet or more to allow for the use of tables and chairs. Porch beams should be visible to show the structural support that is holding up the porch roof. Porch and beam width should correspond to highlight their compatibility. Columns and piers should be evenly spaced to minimize cost and emphasize their structural nature. Due to their lack of visual strength, narrow columns and piers should be closely spaced to produce square or vertical porch bays.

**STANDARD:**

Front porches shall be a minimum of six (6) feet deep. Porch beams shall be visible. Porch column width shall match the width of the porch beam. If possible, columns and piers should be evenly spaced.

Masonry and stucco columns and piers shall be a minimum of 16 inches in diameter or width and shall extend to the ground. Columns or piers less than 16 inches in diameter or width shall be spaced no greater than 10 feet apart. Paired columns no less than 8 inches in diameter or width may substitute for a 16 inch column or pier. Porches closer than 10 feet to the sidewalk shall include a railing.

Accessibility issues shall be handled in an architecturally sensitive manner. Handicapped ramps used in conjunction with a front porch must be constructed of masonry or concrete and shall be not be located on a street-facing side of the porch.

**Do**

Correct Beam Width

**DON’T**

Beam too Thin

Beam too Wide

No Visible Beam
**Don’t Do This**

This porch is too narrow to comfortably accommodate furniture.

This porch is missing a column and a visible porch beam.

**Do This**

This porch is wide enough for furniture and can be used as an outdoor room.

The porch beam depth is deep enough to be perceived as a real beam; the beam matches column width.

The wide porch beam matches the width of the wide porch column.
**Stoops**

**INTENT:**

Stoops are either covered or not covered and are generally much smaller than porches. Because stoops are a formal entry to a building, they are constructed of a permanent-looking, heavy-weight material such as concrete, brick, or stone. Stoops should be large enough to accommodate a graceful transition from the exterior to the interior of the building. A covered stoop wider than 8 feet is really a porch and should be detailed as a porch. Stoops should be accessed by stairs to provide a transition from the front yard or sidewalk.

To promote privacy and a proper transition, stoops located within 10 feet of the sidewalk should include a railing.

**STANDARD:**

Stoops and covered stoops shall be constructed of stone, brick, or concrete and shall be a minimum of 3 feet deep and minimum of 5 feet wide. A covered stoop greater than 8 feet wide shall be considered a porch.

Covered stoops shall have a visible means of support for the roof consisting of beams and columns, piers, or brackets. Column or pier width shall match the width of the beam. Columns and piers shall have the same width and spacing requirements as columns and piers for porches. Stoops and covered stoops shall be accessed by stairs. Stoops and covered stoops closer than 10 feet to the sidewalk shall include a railing.

Accessibility issues shall be handled in an architecturally sensitive manner. Handicapped ramps used in conjunction with a front stoop must be constructed of masonry or concrete and shall be not be located on a street-facing side of the stoop.
**Stoops**

**Don’t Do This**

- A Brick and concrete covered stoop has stairs with appropriately-sized columns and beams.
- A concrete stoop with an entry surround and steps.
- This covered stoop has no visible means of support.
- This stoop has no stairs.

**Do This**

- A Brick and concrete covered stoop has stairs with appropriately-sized columns and beams.
- A concrete stoop with an entry surround and steps.
- A concrete stoop with an entry surround and steps.
**Standard:**

Balconies shall not occur on the first floor of a street-facing facade. Balconies may extend up to 3 feet beyond the building wall without the use of brackets, hangers, piers, or columns. Balconies that extend from 3 to 5 feet from the building wall shall incorporate the use of brackets, hangers, columns, or piers as a visible means of support. A balcony that extends beyond 5 feet from the building wall must use columns or piers as a visible means of support.

**Intent:**

Balconies are generally small porches that are not roofed. Due to their light-weight character, balconies should only occur above the first story of a building. Balconies that overhang a building more than 3 feet without a visible means of support of brackets or columns tend to appear that they are falling off the side of the building. Balconies with depths greater than 5 feet need columns or piers to avoid this condition.
Don’t Do This

This cantilevered balcony greater than 3 feet has no visible support.

Do This

- Balcony with bracket support.
- Balcony with hanger support.
- 3’ deep cantilevered balcony.
- Balcony with column support.
**Bay Windows**

**Standard:**
Bay windows projecting more than 18 inches from the building face shall have a visible means of support. Brackets or foundation walls may be used as a visible means of support for projections of 30 inches or less. Foundation walls shall be used as a visible means of support for bays projecting more than 30 inches from the building face and for bays that extend vertically for two stories or more.

Canted bay windows shall have windows on three sides. Jamb window casing shall be continuous between windows and corners.

**Intent:**
Bay windows project from the exterior walls of a structure and provide an opportunity to bring an extraordinary amount of light into the interior of a building. Canted bay windows should have windows on three sides. Bay windows that project more than 18 inches need a visible means of support to avoid appearing structurally weak. Bay windows that project more than 30 inches from the building face or extend vertically two stories or more need foundation support to avoid this condition.

Bay Windows should generally appear as purely structural members; jamb window casing should be continuous between windows and corners.
**Bay Windows**

**Don’t Do This**

- A bay window cantilevered more than 18 inches with no visible support.
- A bay window with jamb window casing that does not extend to the corners. Jamb window casing is the window trim along the side of the window.

**Do This**

- A boxed bay window with bracket support and jamb casing that extend to the corners.
- A two story canted bay window with foundation support that extend to the corners.
Chimneys and chimney boxes shall not extend past the exterior wall plane unless they are constructed or finished in brick, stone, or stucco and the chimney extends up past the roof line. Chimneys shall not be cantilevered and shall extend to the ground. Interior chimneys that extend above the roof line shall be finished in brick, stone, or stucco. Internal fireplaces with metal flues that extend through the roof need not be framed within a chimney box.

**INTENT:**

Chimneys are traditionally heavy-weight constructions of masonry that extend to the ground. Even if a chimney is not a true masonry construction, it should appear as such: it should extend to the ground and be finished in stone, brick, or stucco. To minimize construction costs, non-masonry fireplaces should not protrude from an exterior wall and should use a simple metal flue that exits directly through the roof. Fireplaces with simple vents that exit directly through an exterior wall should not have fireboxes that protrude from the building wall.

**Do**
- Exterior chimney extends to ground and constructed of brick, stone, or stucco.
- Internal fireplace with metal flue and no protruding chimney box.

**Don’t**
- Cantilevered Chimney
- Cantilevered fireplace with no chimney.
Chimneys

Don’t Do This

Cantilevered chimney with no masonry.

Cantilevered masonry chimney.

Chimney not sided with masonry.

Cantilevered fireplace box not sided with masonry.

Do This

Stone chimney extends to the ground.

Brick chimney extends to the ground.

Brick chimney with stone base that extends to the ground.

Internal fireplace with metal fireplace flue.
Front Door

**Intent:**

The front door should be the obvious main entry to the building. This entry should be of an intimate scale and should be accessed by a front porch or stoop. This provides a comfortable transition from the public realm to the private realm.

Entry surrounds should be simply and correctly detailed. Front entries that extend up past the first story are ill-proportioned, costly to build, intimidate guests, and should be avoided.

**Standard:**

Front doors shall be the obvious formal entry to the building. Front door location is regulated by frontage type. All front doors shall be accessed by a porch or stoop. Entry surrounds may contain a transom and sidelights. The entry surround or roof over the front door shall not create a covered vertical space higher than one story.

**Do**

- Simple and correct detailing

**Don’t**

- Front doors extending past first story
- Costly to build
- Intimidates guests
- Should be avoided
Front Door

Don’t Do This

This entry space is greater than one story.

This entry has no front porch or stoop.

Obvious front door off a front porch.

Obvious front door with stoop.

Front door with simple side lights.
**INTENT:**

Windows should be vertically proportioned. This allows the window to be more pleasing to the eye because the window opening appears to be structurally-supported. Vertically-proportioned windows also help to exaggerate the height of the building and more evenly distribute light to the interior of the structure.

**STANDARD:**

Windows located on the front or the street-facing facade of residences shall be double-hung, single hung, casement, awning, or fixed windows. A maximum of two window types is allowed. The height of the window unit shall be at least one and half (1.5) times the width of the window unit for single-hung, double-hung, or casement windows. Awning and fixed windows are limited to a maximum height and width of 2 feet. Window muntins and grill patterns, if used, shall be vertically proportioned.

<table>
<thead>
<tr>
<th>Width (w)</th>
<th>Height (h)</th>
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<tbody>
<tr>
<td>Single and Double Hung</td>
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<td>Casement</td>
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<td>Awning</td>
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<tr>
<td>Fixed</td>
<td>2’ max</td>
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</table>
**Window Proportion**

**Don’t Do This**

Due to their horizontal proportions, sliding windows are not allowed.

This double-hung window is not vertically proportioned.

**Do This**

Vertically-proportioned double hung window.

Properly-sized casement window.
Exterior Window Casing

STANDARD:

Exterior windows with siding and stucco walls shall be cased. This casing, at a minimum, shall include head casing, jamb casing, and a sill. Jamb and head casing shall be a minimum of 3 1/2 inches. A sill shall extend the length of the bottom of the window unit and the jamb casing. Exterior windows shall not be “picture framed”.

INTENT:

Exterior window casing should highlight the structural qualities of the wall opening. Head casing represents a lintel or header for the opening and should have a height approximately 1/6 of the window width. Jamb casing represents the column or posts on either side of the opening and should have a minimum thickness of 3 1/2 inches. The sill protects the siding underneath the window opening from rain and snow and should not be omitted.
**Exterior Window Casing**

**Don’t Do This**

- Window casing does not contain a sill.
- False keystone and jamb casing that does not extend to a sill.

**Do This**

- Correct head and jamb casing with a sill and cap.
Railings

STANDARD:

Porch Railings shall run between columns or piers and shall include a cap. Spindles shall not attach to or extend below the floor of the porch. If possible, railing height shall be a maximum of 30 inches from the floor. Porches, balconies, and stoops within 10 feet of the sidewalk shall include a railing.

Non-masonry railings shall include a top and bottom rail with balusters centered on the rail; the bottom rail shall clear the floor. Masonry and stucco railings shall not visibly rest on floors or slabs and shall extend to the ground.

INTENT:

Railings for porches, balconies, and stoops should not be seen as structural members. Their primary purpose is to serve as a visual and physical barrier between the porch, balcony, or stoop and the yard. To promote privacy and a proper transition, porches, balconies, and stoops within 10 feet of the sidewalk should include a railing. When possible, the railing height should not correspond with the eye level of a person seated on the porch, balcony, or stoop.

Due to their exterior nature, all railings, excluding masonry and stucco, should not be attached to or touch the floor. Doing so increases the retention of moisture and increases the likelihood of rot and decay. All railings, excluding masonry and stucco, should include a top and bottom rail with balusters centered on the rails. The bottom rail should clear the floor. The balusters should be trimmed-out on both sides to give a finished look to the railing. Since masonry and stucco railings are heavy-weight materials, they should not visibly rest on a wood floor, concrete slab, or foundation; masonry and stucco railings should extend to the ground.
**Railings**

### Don’t Do This

1. The spindles extend below floor and rail does not run between columns or piers.
2. Masonry rail extend to the ground.

### Do This

1. The spindles should include exterior trim at top and bottom of the spindles.
2. Porch rails runs between columns and includes a top and bottom rail with spindles centered on the rail.
3. Masonry rail extend to the ground.
4. Porch rails runs between columns and includes a top and bottom rail with spindles centered on the rail.
### Design Guideline Checklist

**Applicant:** __________________________

**Address:** __________________________

**Date:** __________________________

#### Site Design

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<tr>
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#### Architectural Design

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<td>Chimneys</td>
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<td>Front Door</td>
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<td>Window Proportion</td>
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#### Frontage Type

- Front Yard
- Side Yard
- Dooryard

**Comments:** ____________________________________________

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**Building Type**

- Single Family Detached House
- Accessory Unit
- Paired House

**Frontage Type**

- Flat over Flat
- Rowhouse
- Small Civic Building

---

Comments: ____________________________________________

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**Architecture Design**

- Building Height
- Building Materials
- Use of Brick
- Use of Stone
- Roof
- Parapet
- Porch
- Stoop
- Balconies
- Bay Windows
- Chimneys
- Front Door
- Window Proportion
- Exterior Window Casting
- Railings

**Comments:** ____________________________________________

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**Design Guideline Checklist**

**Applicant:** ____________________________  **Address:** ______________________________________

**Date:** ____________________________  **__________________________________________**

### Building Type
- [ ] Single Family Detached House
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### Site Design Guidelines

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**Comments:**

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