

*Selected styles of  
residential architecture.*

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# Development of Architectural Styles

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## ■ Influences

- Climate
- Available materials
- Building techniques of time period

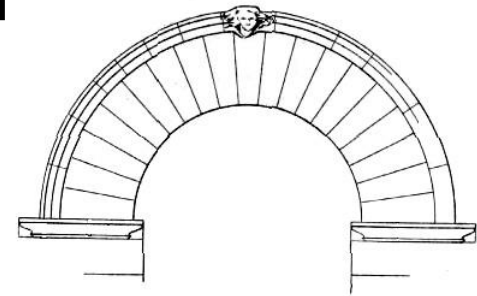
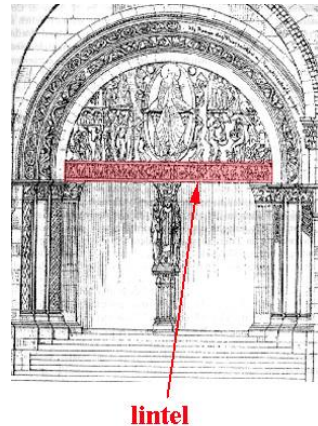
## ■ Styles

- Few structures exemplify one particular style
- Categorized by most significant features
- Transitions
  - Between time periods
  - Geographical origin

# Development of Architectural Styles



- Significant developments
  - Post and lintel construction
  - Arch
  - Vault
  - Dome



# Development of Architectural Styles

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- Influences on early American architecture
  - European styles
    - Basis for development of American styles
  - England, France, Spain, Italy
    - Most significant influences

# Development of Architectural Styles

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- Structural influences
  - Available materials
  - Climate
  - Settlers' backgrounds
- Origin of style names
  - Geographical region
  - Shape of structure
  - Time period

# Elements of Design - Line

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- Sense of direction and movement
- Relates structure to environment
- Curved lines soften appearance
- Horizontal lines minimize height & maximize width
- Vertical lines create illusion of height & strength
- Diagonal lines add sense of transition

# Elements of Design - Form



- Rectangles, squares, circles, ovals, ellipses
- Dictate function
- Accent specific features



# Elements of Design - Colour



- Distinguishes between exterior material & accent shapes
- Terms
  - Hue
    - Typically considered the colour
  - Value
    - Darkening or lightening of hue
  - Intensity
    - Brightness of a colour





# Elements of Design - Texture



- Roughness(шероховатость) or smoothness(гладк.) of a surface
  - Rough surfaces
    - Feeling of strength & security
  - Smooth surfaces
    - Illusion of increased height
    - Reflects light & seems brighter



# Elements of Design - Rhythm



- Repetitive element(повт.элемент) leads the eye through design
- Created with gradual(постепенным) change
  - Materials
  - Shape
  - Colour



# Elements of Design - Balance



- Relationship between areas of structure and an imaginary center line
- Formal balance is symmetrical
- Informal balance is non-symmetrical



# Elements of Design – Proportion



- Relates to size & balance
- Affects relationship between structure and environment
- Exterior and interior considerations(разработки)



# Elements of Design - Unity



Relates to rhythm, balance, proportion  
Ties structure together with common  
design

“Tacked on” («приклеивание;  
приплетение») features should be  
avoided



# Floor Plan Styles

## Single-level(одноуровн.) Residences



Most common styles

Stair-free access

Simple maintenance(простое обслуживание)

Variety of exterior styles



# Floor Plan Styles

## Split-level(разноуровн.) Residences



- Combine features of one and two-storey homes
- Suited to sloping sites
- Greater construction costs
- Split side-to-side(поперечный) or front-to-back(спереди на



# Floor Plan Styles

## Two-storey Residences

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- Numerous options
- Separated living and sleeping areas
- Minimal land required
- Maximum building area at lower costs
  - Less foundation material
  - Fewer exterior walls
  - Smaller roof





# Floor Plan Styles

## Dormer-style Residences

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- Two levels
  - Upper level about half of first floor
- Incorporates a steep roof
- Dormer level forms attic-like area
- Economic features of two-storey homes



# Floor Plan Styles

## Multi-level Residences



- Endless possibilities for floor levels
- Style dictation(стилевое подчинение)
  - Owners' living habits
  - Site topography(рельеф площадки под строительство)
- Most costly homes



# Exterior Styles - Georgian



- Basic style modified throughout colonies
  - Available material
  - Weather
- ***Classical principles of ancient Greeks***
- Form and symmetry evident in front elevation
- Centered entry with equally spaced windows
- ***Columned porch***
  - Doorway with **carved wood detailing**
- Southern homes most often ***built of brick***
- ***Northern homes*** covered with ***wood siding***

# Exterior Styles - Saltbox



- Common ***modification of Georgian style***
- **Symmetry** without much detail
- Two-story at front tapers to one-storey in rear
- ***Shutters*** on windows



# Exterior Styles - Garrison



## ***Combines Saltbox & Georgian styles***

Modeled after fort structures

Upper level extends past lower level

Heavy timbers(масс. балки) support  
overhang(свес полки балки)



# Exterior Styles - Federal



- ***Combines Georgian with Roman & Greek styles***
- Wood or brick exterior
- High, covered porch with ***centered Greek-style columns***
- ***Arched trim door(арочн.укр.дверь)***
- Projected(выступ.е) pediments cap windows



# Exterior Styles – Greek Revival



- ***Classic Greek architecture proportions & decorations***
- Large, ***rectangular, boxlike***
- Two-storey portico(крытый портик)
  - ***Low, sloped gable roof(двух скатн. пологая кровля)***
  - Greek columns
  - Adds decoration



# Exterior Styles – Southern Colonial



- ***Similar to Georgian style***
- ***Also referred to as Plantation style***
- Flat, covered porch(крытый вход)
  - Extends length of the house
  - ***Protection from sun and weather***





# Exterior Styles - English



- ***Unsymmetrical layout***
- Stone, brick, or ***heavy timber & plaster(гипсовая штукатурка)***
- ***Diamond-shaped (ромбовидное) window glass***



# Exterior Styles – Dutch Colonial



Defined by roof style

***Gambrel (мансардная двускатная крыша ) (Barn) roof of two levels***

***Steep (с крутым скатом) lower level roof serves as second floor***

Upper roof is traditional



# Exterior Styles – French Normandy



- ***Multilevel***
- Framed with brick, stone or wood, and plaster
- ***Gable or Hip style roof(шатровая; вальмовая 4-х скатная)***
- ***Circular turret(круглая башня)*** near center of home



# Exterior Styles – French Plantation



- ***Two full floors***
- ***Wraparound porch (окаймленное крыльцом)***
- ***Hip roof (шатровая; вальмовая 4-х скатная)***



# Exterior Styles – Spanish Colonial



- Exterior of adobe(необожжённый кирпич) or plaster
- ***Arches and tiled roofs***
- ***Timbers frame flat*** or low-pitched roof
- ***Grills(решетки) or spindles*** in windows

***Balconies with wrought-iron railings***



# Exterior Styles - Farmhouse



- Two-storey construction
- ***Little or no trim(нет отделки)*** or detail work
- ***Surrounded by covered porch(закрытое крыльцо)***



# Exterior Styles - Ranch



- Originated *in Southwest*
- Single-storey rambling layout (разр.я за счет пристроек)
- Low-pitched roof with large overhang
- Original exterior materials
  - Stucco
  - Adobe





# Exterior Styles - Victorian



- Also called Queen Anne style
- ***Irregularly shaped floor plans***
- ***Ornate detailing(чрезмерно украшенный фасад)***





# Exterior Styles - Contemporary



- Also called Modern style
- Meets wide variety of needs
- Reflects lifestyle of owner
- Traditional exteriors
- Untraditional floor plans

