



Selected styles of residential architecture.

.

By Valentine Silenok
valentine.silenok.msu@gmail.ru
EFL lecturer at Faculty of Fine Arts

Development of Architectural Styles



■ Influences

- Climate
- Available materials
- Building techniques of time period

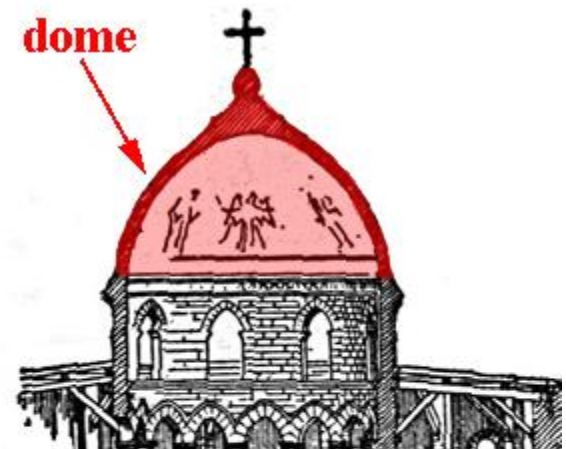
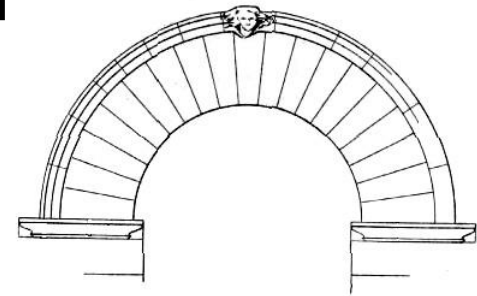
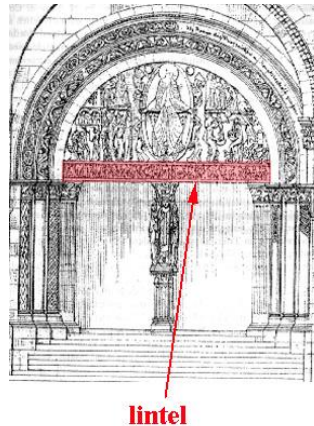
■ Styles

- 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



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

Development of Architectural Styles



- Structural influences
 - Available materials
 - Climate
 - Settlers' backgrounds

- Origin of style names
 - Geographical region
 - Shape of structure
 - Time period

Elements of Design - Line



- 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 и сзади)



Floor Plan Styles

Two-storey Residences



- 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



- 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

