



Historic Landmarks and Preservation Districts Commission

Report to the Committee

To: Bruce McCann and Kay Chambers
Thru: Joe Haberman, Planning Manager *JH*
From: Becky Gorman, Historic Preservation Specialist
Date: November 10, 2017

Case No: 17COA1242
Classification: Committee Review

GENERAL INFORMATION

Property Address: 1313 E. Washington Street

Applicant: Bruce McCann and Kay Chambers
P.O. Box 4485
Louisville, KY 40204
502.417.8853
bbmccann@att.net

Owner: same as applicant

Contractor: TBD

Estimated Project Cost: \$75,000

Description of proposed exterior alteration:

The applicant seeks approval to construct a 2-story frame carriage house. The proposed new carriage house is 25'-10" wide and 27'-6" deep. The proposed height is approximately 20'-6". The exterior walls will be 4" exposure Hardiplank horizontal lap siding. The alley side elevation will have two single car garage door openings and three 1-over-1 double hung windows on the 2nd floor with three square windows directly above the double hung windows. The yard side elevation will feature a first floor person door and the 2nd story will feature three 1-over-1 double hung windows. There will be a wood deck and staircase on the northeast (left) elevation with room for a car to park underneath. The shed roof will have a TPO roof system and approximately 35 to 40 solar panels. A 15' concrete apron is proposed from the alley. All windows will be Jeld-Wen aluminum clad wood windows.

Communications with Applicant, Completion of Application

The application was received on October 24, 2017. The application was determined to be complete and classified as requiring Committee Review on October 30, 2017.

The case is scheduled to be heard by the Butchertown Architectural Review Committee on November 15, 2017 at 5:30 p.m. at 444 S. Fifth Street, Conference Room 101.

FINDINGS

Guidelines

The following design review guidelines, approved for the Butchertown Preservation District, are applicable to the proposed exterior alteration: **Garage, New Construction- Residential, and Site**. The report of the Commission Staff's findings of fact and conclusions with respect to these guidelines is attached to this report.

The following additional findings are incorporated in this report:

Site Context/ Background

The subject house is a gable front frame shotgun with Victorian details and two additions on the rear of the structure. It is surrounded by other 1 story shotgun houses as well as 2-story masonry structures. The site is located on the north side of E. Washington Street six lots east of Cabel Street, and is zoned R6 within a Traditional Neighborhood form district.

Case #17COA1203 approved a new rear addition, two new windows on the east side façade and the replacement of the existing vinyl replacement windows on all facades with one-over-one clad wood Jeld-Wen windows. A new window was approved to be installed in the front gable where the opening is currently filled and exhibits a bull's head. The owner also plans to remove the existing vinyl siding and make repairs to the wood siding or replace rotten wood with new wood or fiber cement siding matching the existing profile and exposure.

Conclusions

The project meets the Landmarks Design Guidelines for Site, New Construction-Residential and Garage. The proposed carriage house fits the context of alley in location, form, and materials. Most of the existing alley structures are set back approximately 15' due to the turning radius needed because of the flood wall on Quincy Street.

RECOMMENDATION

On the basis of the information furnished by the applicant, staff recommends the application for a Certificate of Appropriateness be **approved with the following conditions:**

1. New designs shall conform to all other regulations and code requirements including those provided in the Louisville Metro Land Development Code.
2. HardiPlank siding shall be 4" exposure smooth-face.
3. The structure shall have gutters and downspouts.
4. Exterior lighting shall be submitted to staff for approval prior to installation.
5. Trash receptacles shall be screened or stored within the garage.
6. The wood deck and staircase shall be painted or opaque stained within 9-months of installation.
7. Historic concrete mix shall be used for the apron.
8. Any changes to the approved proposal shall be submitted to staff for review and approval prior to installation.



Becky Gorman
Historic Preservation Specialist

11/10/17
Date

Attached Documents / Information

1. Staff Guideline Checklist

SITE

Design Guideline Checklist

- + Meets Guidelines
- Does Not Meet Guidelines
- +/- Meets Guidelines with Conditions as Noted
- NA Not Applicable
- NSI Not Sufficient Information

	Guideline	Finding	Comment
ST1	Consider the relationships that exist between the site and structure when making exterior alterations. Changes to one will affect the other. A primary goal should be to maintain a complementary relationship.	+	
ST2	Retain established property line patterns and street and alley widths. Any replatting should be consistent with original development patterns.	NA	
ST3	Use paving materials that are compatible with adjacent sites and architectural character.	+	Conditions require the use of historic concrete mix.
ST4	Restore and reuse historic paving materials for streets and sidewalks such as brick and hexagonal pavers and limestone curbing. Maintain original curbing whenever possible. The historic relationship between the road surface and edging should be preserved. Any replacement should use historic materials. If replacement with original materials is not technically or economically feasible, a substitute material may be used if it duplicates the color, texture, and visual appearance of the original.	NA	
ST5	Maintain brick, stone, or poured concrete steps wherever present. If replacement is required, original materials should be used. New construction should incorporate steps on blocks where they are a character-defining feature.	NA	
ST6	Do not harm historic resources through road widening or underground utility repair.	NA	
ST7	Locate driveways, parking areas, and loading docks to the side and rear of properties. Access from alleys is preferred.	+	
ST8	Maintain original front yard topography, including grades, slopes, elevations, and earthen berms where present. New construction should match the grade of adjacent properties. Do not recontour front-yard berms into stepped terraces, using railroad ties, landscape timbers, or any other historically-inappropriate material for retaining walls.	NA	
ST9	Do not carry out excavations or regrading within or adjacent to a historic building, which could cause the foundation to shift or destroy significant archeological resources.	NA	
ST10	Do not install masonry walls in street-visible locations unless they are used to retain earth at changes in grade, screen service areas, or unless a historic precedent exists.	NA	
ST11	Use materials that match existing sections of historic fencing in material, height, and detail when carrying out limited replacement projects. If an exact match cannot be made, a simplified design is appropriate.	NA	
ST12	Use materials that match the existing character of the original when replacing retaining walls or curbing. If an exact match cannot be made, a simplified design is appropriate.	NA	
ST13	Install only historically-compatible iron fencing under 2'-5" in height where there is demonstrable historic precedent.	NA	
ST14	Do not install front-yard fencing where there is no historic precedent.	NA	

ST15	Install any rear- or side-yard privacy fencing so that it is set back from the side wall at least two feet and presents the finished side out. Any privacy fencing should be less than seven feet in height. Contact the Department of Inspections, Permits, and Licenses regarding additional restrictions on fencing at corner properties.	NA	
ST16	Do not install chain-link, split-rail, or woven-wood fencing, or concrete block walls in areas that are visible from a public way. Opaque fencing, such as painted or stained pressure-treated wood, may be permitted with appropriate design.	NA	
ST17	Use understated fixtures when installing any type of exterior lighting. Fixture attachment should be done so as not to damage historic fabric. Fixtures should not become a visual focal point.	NSI	Exterior lighting shall be submitted to staff for approval.
ST18	Do not light parking areas or architectural features in a harsh manner. Generally, an average illumination level of 1.5 to 2.0 foot-candles will be sufficient. Light should be directed down and away from neighboring properties.	NSI	
ST19	Parking lots of a certain size should have a portion of the parking area dedicated to plantings that will soften the expanse of paving. See the Jefferson County Development Code - Requirements for Landscaping and Land Use Buffers for specific requirements.	NA	
ST20	Use high-pressure sodium or metal halide lights to create a soft illumination where site or streetscape lighting is desired.	NA	
ST21	Position fixtures, such as air conditioning units, satellite dishes, greenhouse additions, and overhead wiring, on secondary elevations where they do not detract from the character of the site. Try to minimize noise levels to adjacent properties.	NSI	
ST22	Preserve large trees whenever possible and enhance established street tree patterns by planting additional trees along public rights-of-way. Consult the city arborist to determine what tree species are suitable for placement near overhead wires. Select and place street trees so that the plantings will not obscure historic storefronts once mature. Removal of trees within or immediately adjacent to a public right-of-way or within public open spaces requires review unless directed by the city arborist for emergency or public safety reasons.	NA	
ST23	Ensure that all proposed cellular towers and associated fixtures will be properly screened from view.	NA	
ST24	Install utility lines underground whenever possible.	NA	

NEW CONSTRUCTION

RESIDENTIAL DESIGN GUIDELINES

- + Meets Guidelines
- Does Not Meet Guidelines
- +/- Meets Guidelines with Conditions as Noted
- NA Not Applicable
- NSI Not Sufficient Information

	Guideline	Finding	Comment
NC1	Make sure that new designs conform to all other municipal regulations, including the Jefferson County Development Code and Zoning District Regulations.	+	See conditions

NC2	Do not demolish contributing structures in a historic district to make way for new or large-scale construction. Non-contributing buildings are identified in each of the district or individual landmark designations or National Register nominations.	NA	
NC3	Design new construction so that the building height, directional emphasis, scale, massing, and volume reflect the architectural context established by surrounding structures.	+	
NC4	Make sure that the scale of new construction does not conflict with the historic character of the neighborhood.	+	The project is comparable to surrounding accessory structures.
NC5	Incorporate materials and design elements that complement the color, size, texture, and level of craftsmanship seen in surrounding buildings.	+	
NC6	Do not use materials in new construction that are visually incompatible with surrounding historic buildings within the district. Materials to be avoided include: ornamental pierced concrete masonry screens and walls, "antiqued" brick, wrought-iron porch columns, chain-link fencing, exterior carpeting, jalousie windows, glass block, picture windows, unpainted wood, and asphalt siding.	+	Proposed building materials are compatible with the main residence and surrounding structures.
NC7	Design new construction to reinforce the human scale of historic districts where this is a character-defining feature.	+	
NC8	Design new construction in such a way that it does not disrupt important public views and vistas.	+	
NC9	Reinforce existing patterns of open space and enclosure, created by circulation routes, fences, walls, lawns, and alleys of trees, in designs for new construction.	+	
NC10	Design infill construction that reinforces the spatial organization established by surrounding buildings. The character of historic streetscapes relies heavily on the visual continuity established by the repetition of similarly-designed facades.	NA	
NC11	Design infill construction in such a way that the façade's organization closely relates to surrounding buildings. Window and door openings should be similar in size to their historic counterparts, as should the proportion of window to wall space. Cornice lines, columns, and storefronts are other important character-defining facade elements.	NA	
NC12	Design new construction so that the building mass has a similar sense of lightness or weight as surrounding historic structures. Mass is determined by the proportion of solids (walls) to voids (window and door openings). Historic window proportions are generally two-and-one-half (height) by one (width).	+	
NC13	Develop designs for new construction using windows that are sympathetic to the window patterns of surrounding buildings. Use of comparable frame dimensions, proportions, and muntin configurations is encouraged.	+	
NC14	Develop designs for new construction using front doors that are sympathetic to the door patterns of surrounding buildings. Use of comparable frame dimensions, proportion, and panel and light configuration is encouraged.	NA	
NC15	Design new construction so that the orientation of the main entrance is the same as the majority of other buildings on the street	+	
NC16	Incorporate paved walks between sidewalks and the front entrances for new construction located on streets where this is a character-defining feature.	NA	
NC17	Retain the character-defining features of a historic building when undertaking accessibility code-required work.	NA	
NC18	Investigate removable or portable ramps as options to providing barrier-free access.	NA	

NC19	Locate handicapped access ramps on secondary elevations wherever possible. If locating a ramp on the primary façade is required, it should be installed in a manner that does not damage historic fabric and is as unobtrusive as possible.	NA	
NC20	Design infill construction so that it is compatible with the average height and width of surrounding buildings.	NA	
NC21	Design new construction to have a floor-to-floor height that is within 10 percent of adjacent historic construction where the floor-to-floor height is relatively consistent, and a character-defining feature.	NA	
NC22	Maintain the historic rhythm of the streetscape. The space between new construction and existing structures should fall within 20 percent of the average spacing for the block.	+	
NC23	Maintain historic setback patterns. In order to maintain the continuity of the streetscape, setbacks for new construction should either match that of adjacent buildings where all share the same setback or be within 20 percent of neighboring structures in areas with varied setbacks.	+	The proposed carriage house will meet the setback of the other alley structures.
NC24	Ensure that the roofs of new buildings relate to those of neighboring historic structures in pitch, complexity, and visual appearance of materials.	+	A shed roof is proposed which is compatible with other roof structures along the alley.
NC25	Follow the precedent set by adjacent buildings when designing rooflines for infill construction. Where the predominant form is flat, built-up roofs are preferred. Where the predominant form is complex and steeply pitched, that is preferred. In blocks characterized by shallow-pitched roofs and pronounced overhangs with exposed rafters, these elements should be incorporated.	NA	
NC26	Design new construction so that the orientation of the main roof form is parallel with the majority of other roofs on the street, where roof forms are relatively consistent and a character-defining feature.	+	A shed roof is proposed which is compatible with other roof structures along the alley.
NC27	Design new construction to emphasize the existing cornice line on each block where this is a character-defining feature.	NA	
NC28	Integrate mechanical systems into new construction in such a way that rooftops remain uncluttered.	NA	
NC29	Make provisions for screening and storing trash receptacles when designing new construction.	NSI	*See conditions
NC30	Use an exterior sheathing that is similar to those of other surrounding historic buildings. While use of wood siding is preferred, vinyl siding may be used for new construction, but only in areas where the predominate historic construction material is wood.	+	
NC31	Use masonry types and mortars that are similar to surrounding buildings in designs for new construction. Red brick is the most common masonry material found throughout the city's historic districts.	NA	
NC32	Incorporate stone or cast-stone sills and lintels into new construction designs on blocks where such elements are character-defining features.	NA	
NC33	Do not use modern "antiqued" brick in new construction.	NA	
NC34	Design new construction to have a raised masonry foundation, which is compatible in proportion and height with surrounding buildings. Foundation materials may be of a warm-toned poured concrete, split-face concrete block, or stuccoed concrete block that has a uniform, textured appearance.	+	
NC35	Incorporate front porches on blocks where they are character-defining features. Design of new porches should be compatible with the form, scale, and detailing of surrounding buildings. On blocks where porch columns are prevalent, new columns should always consist of a base, shaft, and capital, and convey the appearance of actually holding up the porch roof.	NA	

NC36	Design porches on newly-constructed buildings so that the floor is even with or a maximum of one step below the corresponding floor of the house, the ceiling is even with that of adjacent rooms, the floor is at least 6' deep, the rhythm of the porch bays matches the facade's pattern of solids and voids, and the porch fascia board matches the height of the window head.	NA	
NC37	Design new garages or other secondary structures so that they complement the scale, roof form, setback, and materials of adjacent secondary structures.	+	The new carriage house is compatible with other alley structures in location, scale, and setback.
NC38	Site new garages adjacent to alleys where present. Review the garage prototype insert that identifies styles appropriate to preservation districts when planning a garage construction project.	+	
NC39	Where no alleys exist, garages should be sited at the rear of the property behind the main house. Garage doors should not face the street, and access should be along the side yard. Landscape screening along the driveway is encouraged.	NA	
NC40	Use of smaller, single garage doors rather than expansive double or triple doors is preferred.	+	
NC41	Orient the roofline of a new garage so that it is parallel with the main house or follow the predominant pattern of existing secondary structures where such a pattern exists.	+	
NC42	Roof pitch should be no less than one in six. Where the roof form of the main house is character-defining, owners are encouraged to echo the form of the main house.	+/-	A shed roof is proposed which is compatible with other roof structures along the alley.
NC43	Design new construction so that access to off-street parking is off alleys or secondary streets wherever possible.	+	
NC44	Incorporate storm-water management provisions into the design of new construction, so that any related runoff will not adversely impact nearby historic resources.	NSI	

GARAGE

Design Guideline Checklist

- + Meets Guidelines
- Does Not Meet Guidelines
- +/- Meets Guidelines with Conditions as Noted
- NA Not Applicable
- NSI Not Sufficient Information

Design Element	Building Feature		Approved	Comments
Location		+	Rear-yard location	
		+	Align with adjacent secondary structures	
		+	Use to define and enclose rear yard	
		+	Minimize paving	
Materials	Walls	+	Horizontal wood siding (3" or 4" exposure)	HardiPlank is being used
		NA	Board and batten siding	

		NA	Brick	
		NA	Stucco over frame or concrete block	
		NA	Cast stone, molded concrete block	
		NA	Aluminum and vinyl siding (3" or 4" exposure)	
		NA	No painted concrete block.	
		NA	No un-painted concrete block.	
		NA	No T-111 plywood.	
	Roof	NA	Asphalt, fiberglass, wood, vinyl, or slate shingles.	
		NA	Metal roofing	
		NSI	Half-round or Ogee gutters	
		NA	Approved Gable-end element	
		+/-	No membrane roofing on sloped roofs.	A shed roof with TPO roofing and solar panels is proposed.
Building Forms	Main Block	+	Simple, rectangular, prismatic volumes	
		NA	Ell-shaped buildings	
		NA	Slightly-projecting bays	
		NA	Cantilevered, second floors	
		+	No overly-elaborate volumes	
	Roof	NA	Simple gable roofs (6-in-12 minimum slope)	
		NA	Hipped, shed, and flat roofs with parapets	
		NA	Intersecting gables	
		+	Overhanging eaves	
		NSI	Half-round gutters	
		+	No low-pitched gable roofs (less than 6-in-12 slope)	Shed roof proposed.
		+	No flush eaves	
		NSI	No roofs without gutters	See conditions
Openings	Garage	+	Single-car openings	
	Doors	+	Surface area of door broken up by articulated panels or stiles and rails to reduce scale	
		NA	No double and triple doors	
		NA	No flush garage doors (they accentuate the large size of the openings)	
	Windows	+	Use window openings to break up wall surface	
		NA	Security grills installed on the inside face of the windows	

Historic Concrete Mix A

This formula contains pea gravel and is designed to accommodate light maintenance vehicles.

PROVIDE AND INSTALL HISTORIC MIX CONCRETE WHERE INDICATED ON THE PLANS. CONTRACTOR SHALL SUPPLY ONE THREE FOOT SQUARE TEST SAMPLE OF THE HISTORIC MIX CONCRETE FOR THE OWNER'S APPROVAL PRIOR TO POURING THE CONCRETE. SPRAY HISTORIC MIX WITH RETARDER AND LIGHTLY WASH TO MATCH EXISTING HISTORIC MIX WALKS IN THE PARK. ALL HISTORIC MIX CONCRETE SHALL BE 4,000 PSI @ 28 DAYS W/ 5% AIR (+/- 1-INCH), A 0.51 WATER/CEMENT RATIO AND A 4-INCH SLUMP (+/- 1-INCH) WITH A MIX DESIGN AS FOLLOWS:

MATERIAL	QUANTITY/(C.Y.)	VOLUME (C.F.)
TYPE I/II PORTLAND CEMENT	470 lb.	2.39
CLASS C FLY ASH	100 lb.	0.59
3/8" PEA GRAVEL	781 lb.	4.74
CONCRETE SAND	2,196 lb.	13.48
CITY WATER	290 lb.	4.65
AIR ENTRAINMENT	0.60 oz./cwt	0.00
WATER REDUCER	2.00 oz./cwt	0.01
TOTAL	3,837 lb.	27.20 C.F.

**Based on Shawnee Dream Playground Specifications 2010
Metro Parks*