

MEGAN BARRY
MAYOR



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY

Metropolitan Historic Zoning Commission
Sunnyside in Sevier Park
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STAFF RECOMMENDATION
1404 North 14th Street
December 20, 2017

Application: New construction - addition
District: Eastwood Neighborhood Conservation Zoning Overlay
Council District: 06
Map and Parcel Number: 07214017500
Applicant: Daniel Reeder
Project Lead: paul.hoffman@nashville.gov

Description of Project: Application to construct a rear addition to a contributing building.

Recommendation Summary: Staff recommends approval of the proposed addition with the conditions:

1. The existing window openings are kept;
2. Staff approve the roof color and windows and doors prior to purchase and installation;
3. HVAC will be located on the rear façade, or on a side façade past the midpoint of the house.

With these conditions, Staff finds that the project meets Section II.B.2 for additions and Section III.B.2 for appropriate demolition of the design guidelines for the Eastwood Neighborhood Conservation Zoning Overlay.

Attachments
A: Photographs
B: Site Plan
C: Elevations

Applicable Design Guidelines:

II.B. GUIDELINES

a. Height

The height of the foundation wall, porch roof(s), and main roof(s) of a new building shall be compatible, by not contrasting greatly, with those of surrounding historic buildings.

b. Scale

The size of a new building and its mass in relation to open spaces shall be compatible, by not contrasting greatly, with surrounding historic buildings.

Foundation lines should be visually distinct from the predominant exterior wall material. This is typically accomplished with a change in material.

c. Setback and Rhythm of Spacing

The setback from front and side yard property lines established by adjacent historic buildings should be maintained. Generally, a dominant rhythm along a street is established by uniform lot and building width. Infill buildings should maintain that rhythm.

The Commission has the ability to determine appropriate building setbacks and extend height limitations of the required underlying base zoning for new construction, additions and accessory structures (ordinance no. 17.40.410).

Appropriate setbacks will be determined based on:

- The existing setback of the contributing primary buildings and accessory structures found in the immediate vicinity;*
- Setbacks of like structures historically found on the site as determined by historic maps, site plans or photographs;*
- Shape of lot;*
- Alley access or lack thereof;*
- Proximity of adjoining structures; and*
- Property lines.*

Appropriate height limitations will be based on:

- Heights of historic buildings in the immediate vicinity*
- Existing or planned slope and grade*

In most cases, an infill duplex should be one building, as seen historically in order to maintain the rhythm of the street. Detached infill duplexes may be appropriate in the following instances:

- There is not enough square footage to legally subdivide the lot but there is enough frontage and width to the lot to accommodate two single-family dwellings in a manner that meets the design guidelines;*
- The second unit follows the requirements of a Detached Accessory Dwelling Unit; or*
- An existing non-historic building sits so far back on the lot that a building may be constructed in front of it in a manner that meets the rhythm of the street and the established setbacks.*

d. Materials, Texture, Details, and Material Color

The materials, texture, details, and material color of a new building's public facades shall be visually

compatible, by not contrasting greatly, with surrounding historic buildings. Vinyl and aluminum siding are not appropriate.

T-1-11- type building panels, "permastone", E.F.I.S. and other artificial siding materials are generally not appropriate. However, pre-cast stone and cement fiberboard siding are approvable cladding materials for new construction; but pre-cast stone should be of a compatible color and texture to existing historic stone clad structures in the district; and cement fiberboard siding, when used for lapped siding, should be smooth and not stamped or embossed and have a maximum of a 5" reveal. The reveal for lap siding should not exceed 5". Larger reveals may be possible but should not exceed 8" and shall have mitered corners.

Shingle siding should exhibit a straight-line course pattern and exhibit a maximum exposure of seven inches (7").

Four inch (4") nominal corner boards are required at the face of each exposed corner.

Stud wall lumber and embossed wood grain are prohibited.

Belt courses or a change in materials from one story to another are often encouraged for large two-story buildings to break up the massing.

When different materials are used, it is most appropriate to have the change happen at floor lines.

Clapboard sided chimneys are generally not appropriate. Masonry or stucco is appropriate.

Texture and tooling of mortar on new construction should be similar to historic examples.

Asphalt shingle is an appropriate roof material for most buildings. Generally, roofing should not have strong simulated shadows in the granule colors which results in a rough, pitted appearance; faux shadow lines; strongly variegated colors; colors that are too light (e.g.: tan, white, light green); wavy or deep color/texture used to simulate split shake shingles or slate; excessive flared form in the shingle tabs; uneven or sculpted bottom edges that emphasize tab width or edges, unless matching the original roof.

Generally front doors should be 1/2 to full-light. Faux leaded glass is inappropriate.

e. Roof Shape

The roof(s) of a new building shall be visually compatible, by not contrasting greatly, with the roof shape, orientation, and pitch of surrounding historic buildings.

Roof pitches should be similar to the pitches found in the district. Historic roofs are generally between 6/12 and 12/12.

Roof pitches for porch roofs are typically less steep, approximately in the 3-4/12 range.

Generally, two-story residential buildings have hipped roofs.

Generally, dormers should be located on the roof. Wall dormers are not typical in the historic context and accentuate height so they should be used minimally and generally only on secondary facades. When they are appropriate they should be no wider than the typical window openings and should not project beyond the main wall..

f. Orientation

The orientation of a new building's front facade shall be visually consistent with surrounding historic buildings.

Porches

New buildings should incorporate at least one front street-related porch that is accessible from the front street.

Side porches or porte cocheres may also be appropriate as a secondary entrance, but the primary entrance should address the front.

Front porches generally should be a minimum of 6' deep, have porch racks that are 1'-3' tall and have posts that include bases and capitals.

Parking areas and Driveways

Generally, curb cuts should not be added.

Where a new driveway is appropriate it should be two concrete strips with a central grassy median. Shared driveways should be a single lane, not just two driveways next to each other. Sometimes this may be accomplished with a single lane curb cut that widens to a double lane deeper into the lot.

Duplexes

Infill duplexes shall have one or two doors facing the street, as seen on historic duplexes. In the case of corner lots, an entrance facing the side street is possible as long as it is designed to look like a secondary entrance.

In the case of duplexes, vehicular access for both units should be from the alley, where an alley exists. A new shared curb cut may be added, if no alley and no driveway exists, but the driveway should be no more than 12' wide from the street to the rear of the home. Driveways should use concrete strips where they are typical of the historic context. Front yard parking or driveways which end at the front of the house are not consistent with the character of the historic neighborhoods.

Multi-unit Developments

For multi-unit developments, interior dwellings should be subordinate to those that front the street.

Subordinate generally means the width and height of the buildings are less than the primary building(s) that faces the street.

For multi-unit developments, direct pedestrian connections should be made between the street and any interior units. The entrances to those pedestrian connections generally should be wider than the typical spacing between buildings along the street.

g. Proportion and Rhythm of Openings

The relationship of width to height of windows and doors, and the rhythm of solids (walls) to voids (door and window openings) in a new building shall be compatible, by not contrasting greatly, with surrounding historic buildings.

Window openings on the primary street-related or front façade of new construction should be representative of the window patterns of similarly massed historic structures within the district. In most cases, every 8-13 horizontal feet of flat wall surface should have an opening (window or door) of at least 4 square feet. More leniencies can be given to minimally visible side or rear walls.

Double-hung windows should exhibit a height to width ratio of at least 2:1.

Windows on upper floors should not be taller than windows on the main floor since historically first floors have higher ceilings than upper floors and so windows were typically taller on the first floor.

Single-light sashes are appropriate for new construction. If using multi-light sashes, muntins should be fully simulated and bonded to the glass, and exhibit an interior bar, exterior bar, as well as a spacer between glass panes.

Four inch (nominal) casings are required around doors, windows and vents on non-masonry buildings.

Trim should be thick enough to extend beyond the clapboard. Double or triple windows should have a 4" to 6" mullion in between.

Brick molding is required around doors, windows and vents within masonry walls but is not appropriate on non-masonry buildings.

i. Utilities

Utility connections such as gas meters, electric meters, phone, cable, and HVAC condenser units should be located so as to minimize their visibility from the street.

Generally, utility connections should be placed no closer to the street than the mid point of the structure.

Power lines should be placed underground if they are carried from the street and not from the rear or an alley.

2. ADDITIONS

- a. Generally, an addition should be situated at the rear of a building in such a way that it will not disturb either front or side facades.

Placement

Additions should be located at the rear of an existing structure.

Connections to additions should, as much as possible, use existing window and door openings rather than remove significant amounts of rear wall material.

Generally, one-story rear additions should inset one foot, for each story, from the side wall.

Additions should be physically distinguished from the historic building and generally fit within the shadow line of the existing building.

Additions that tie-into the existing roof must be at least 6" below the existing ridge line.

In order to assure that an addition has achieved proper scale, the addition should:

- No matter its use, an addition should not be larger than the existing house, not including non-historic additions, in order to achieve compatibility in scale. This will allow for the retention of small and medium size homes in the neighborhood. The diversity of housing type and size is a character defining feature of the historic districts.*
- Additions which are essentially a house-behind-a-house with a long narrow connector are not appropriate, as the form does not exist historically. Short or minimal connections that do not require the removal of the entire back wall of a historic building are preferred.*
- Additions should generally be shorter and thinner than the existing building. Exceptions may be made when unusual constraints make these parameters unreasonable, such as:*

- An extreme grade change*

- Atypical lot parcel shape or size*

In these cases, an addition may rise above or extend wider than the existing building; however, generally the addition should not be taller and extend wider.

When an addition needs to be taller:

Whenever possible, additions should not be taller than the historic building; however, when a taller addition is the only option, additions to single story structures may rise as high as 4' above the shadow line of the existing building at a distance of 40' from the front edge of the existing building.

In this instance, the side walls and roof of the addition must set in as is typical for all additions.

The portion of the roof that can be seen should have a hipped, side gable or clipped gable roof to help decrease the visual mass of the addition.

When an addition needs to be wider:

Rear additions that are wider than an existing historic building may be appropriate when the building is narrower than 30' or shifted to one side of the lot. In these instances, a structural alcove or channel must separate the existing building from the new addition. The structural alcove should sit in a minimum of 1' and be at least twice as long as it is deep.

In addition, a rear addition that is wider should not wrap the rear corner.

Ridge raises

Ridge raises are most appropriate for one-story, side-gable buildings, (without clipped gables) and that require more finished height in the attic. The purpose of a ridge raise is to allow for conditioned space in the attic and to discourage large rear or side additions. The raised portion must sit in a minimum of 2' from each side wall and can be raised no more than 2' of total vertical height within the same plane as the front roof slope.

Sunrooms

Metal framed sunrooms, as a modern interpretation of early green houses, are appropriate if they are mostly glass or use appropriate cladding material for the district, are located at the rear in a minimally visible location, are minimally attached to the existing structure, and follow all other

design guidelines for additions.

Foundation

Foundation walls should set in from the existing foundation at the back edge of the existing structure by one foot for each story or half story. Exception: When an addition is a small one-room deep (12' deep or less) addition that spans the width of the structure, and the existing structure is masonry with the addition to be wood (or appropriate substitute siding). The change in material from masonry to wood allows for a minimum of a four inch (4") inset.

Foundation height should match or be lower than the existing structure.

Foundation lines should be visually distinct from the predominant exterior wall material. This is generally accomplished with a change in materials.

Roof

The height of the addition's roof and eaves must be less than or equal to the existing structure.

Visually evident roof slopes should match the roof slopes of the existing structure, and roof planes should set in accordingly for rear additions.

Skylights should not be located on the front-facing slope of the roof. Skylights should be flat (no bubble lenses) with a low profile (no more than six inches tall) and only be installed behind the midpoint of the building).

Dormer additions are appropriate for some historic buildings as they are a traditional way of adding ventilation and light to upper stories.

The addition of a dormer that would require the removal of historic features such as an existing dormer, chimneys, cupolas or decorative feature is not appropriate.

Rear dormers should be inset from the side walls of the building by a minimum of two feet. The top of a rear dormer may attach just below the ridge of the main roof or lower.

Side dormers should be compatible with the scale and design of the building. Generally, this can be accomplished with the following:

- New dormers should be similar in design and scale to an existing dormer on the building.*
- New dormers should be similar in design and scale to an existing dormer on another historic building that is similar in style and massing.*
- The number of dormers and their location and size should be appropriate to the style and design of the building. Sometimes dormer locations relate to the openings below. The symmetry or lack of symmetry within a building design should be used as a guide when placing dormers.*
- Dormers should not be added to secondary roof planes.*
- Eave depth on a dormer should not exceed the eave depth on the main roof.*
- The roof form of the dormer should match the roof form of the building or be appropriate for the style.*
- The roof pitch of the dormer should generally match the roof pitch of the building.*
- The ridge of a side dormer should be at least 2' below the ridge of the existing building; the cheeks should be inset at least 2' from the wall below or adjacent valley; and the front wall of the gable should setback a minimum of 2' from the wall below. (These minimum insets will likely be greater than 2' when following the guidelines for appropriate scale.)*
- Dormers should generally be fully glazed and aprons below the window should be minimal.*
- The exterior material cladding of side dormers should match the primary or secondary material of the main building.*

Side Additions

When a lot width exceeds 60' or the standard lot width on the block, it may be appropriate to add a side addition to a historic structure. The addition should set back from the face of the historic structure (at or beyond the midpoint of the building) and should be subservient in height, width and massing to the historic structure.

Side additions should be narrower than half of the historic building width and exhibit a height of at least 2' shorter than the historic building.

To deemphasize a side addition, the roofing form should generally be a hip or side-gable roof form.

Commercial buildings that desire a covered open-air side additions generally should not enclose the area with plastic sides. Such applications may be appropriate if: the addition is located on the ground level off a secondary facade, is not located on a street facing side of a building, has a permanent glass wall on the portion of the addition which faces the street, and the front sits back a minimum of three (3') from the front or side wall, depending on placement of the addition.

b. The creation of an addition through enclosure of a front porch is not appropriate.

Side porch additions may be appropriate for corner building lots or lots more than 60' wide.

c. Contemporary designs for additions to existing properties are not discouraged when such additions do not destroy significant historical, architectural, or cultural material; and when such design is compatible, by not contrasting greatly, with the size, scale, color, material, and character of the property, neighborhood, or environment.

d. A new addition should be constructed in such a manner that if the addition were to be removed in the future, the essential form and integrity of the original structure would be unimpaired.

Connections should, as much as possible, use existing window and door openings rather than remove significant amounts of rear wall material.

e. Additions should follow the guidelines for new construction.

Background: 1404 North Fourteenth Street dates to 1930 and is a contributing building in the Eastwood Neighborhood Conservation Zoning Overlay.



Figure 1. 1404 North 14th Street

Analysis and Findings: The application is for construction of a rear addition to the house.

Demolition: Staff approved demolition in December 2017 of a non-contributing rear porch, added at an unknown date. With the exception of two feet (2') at each rear corner, the rear wall of the existing home is proposed to be removed for construction of the new addition. The portion of the house to be removed does not contribute to the historical or architectural character of the district. This portion of proposed partial demolition therefore meets Section III.B.2 for appropriate demolition. Two of the existing window openings on the side facades are proposed to be relocated. The alteration of window openings is considered partial demolition. Staff recommends maintaining the existing window openings, as they are character-defining features of the building, finding that this portion does not meet Section III.B.2 for demolition.

Height & Scale: The proposed addition will have a two foot by two foot (2' x 2') inset at the back corners of the historic house, which is appropriate. It has a footprint of nine hundred and ten square feet (910 sq. ft.), slightly less than the footprint of the existing house, which is nine hundred and sixty square feet (960 sq. ft.). The addition will have a maximum width of twenty-eight feet (28'), two feet (2') wider than the historic house on the right side. Section II.B.2.a allows for additions to be wider if the house is less than thirty feet (30') wide, or is offset on the lot. The historic home is offset on the lot, and is twenty-six feet wide (26'); therefore both of these exceptions apply in this case. In addition, the amount of additional width is minimal at just two feet (2').

The addition's eave height will match that of the historic house, which is appropriate. The addition will have a maximum height of seventeen feet, eight inches (17' 8"), or seven inches (7") taller than the ridge height of the house, at a distance of thirty-three feet (33') from the front wall of the house. The design guidelines do allow for additions to go taller than the historic house, typically at a distance of forty feet (40') or more from the front of the house, but only when necessary. Staff finds that the proposed distance of just thirty-three (33') feet is appropriate in this instance because the addition is just seven inches (7") taller than the historic house, and its impact will not be highly visible from the street. The wider portion of the addition is also seven inches (7") taller than the shadow line of the historic house, but not any taller than the ridge. While the Commission does not typically approve additions that are both taller and wider, staff finds that the exceptionally small nature of the historic house, the front-facing gable which is a form that does not lend itself to hiding additions, and the minimal extra height at just seven inches (7") makes the design appropriate.

Staff finds that the project meets section II.B.1.a.and b for height and scale.

Design, Location & Removability: The location of the addition at the rear of the existing building is in accordance with the design guidelines. The addition's change in materials and inset help to distinguish it from the historic house and read as new construction. The scale, materials, roof form, and fenestration are compatible with the historic character of the existing house. The addition is designed so that if the addition were to be removed in

the future, the historic character of the house would still be intact. The project meets sections II.B.2.a and d.

Setback: The addition will be fifty-nine feet (59') from the rear property line, and five (5') and six feet (6') respectively from the right and left side property lines. The addition meets all base zoning setbacks and does not require re-determination of setbacks. The project meets section II.B.1.c.

Materials:

	Proposed	Color/Texture/Make/Manufacturer	Approved Previously or Typical of Neighborhood	Requires Additional Review
Foundation	Concrete slab	n/a	Yes	No
Cladding	6" fiber cement ship lap siding (to match existing)	Smooth	Yes	No
Roofing	Architectural Shingles	Unknown	Yes	Yes
Trim	Cement Fiberboard	Smooth faced	Yes	No
Windows	Unknown	Unknown		Yes
Doors	Unknown	Unknown		Yes
Shutters	Wood			No
Rear Porch Posts	Unknown			Yes

With staff approval of the roofing color, windows and doors, the project meets section II.B.1.d for materials.

Roof form: The roof is gabled with 7/12 pitch. The shed dormers set in from the wall below them by two feet (2'). The proposed roof form is compatible, and the project meets section II.B.1.e.

Proportion and Rhythm of Openings: The submitted plans indicate changing two window openings on the existing house (see Partial Demolition). The windows on the proposed addition are generally twice as tall as they are wide, meeting the proportion of historic openings. The longest expanse of wall space without a window or door opening is approximately fifteen feet (15') on the addition's left side; this is a minimally-visible location. Staff finds the project's proportion and rhythm of openings to meet Section II.B.1.g.

Appurtenances & Utilities: No changes to the site's appurtenances were indicated on the drawings. The location of the HVAC and other utilities was also not noted. Staff

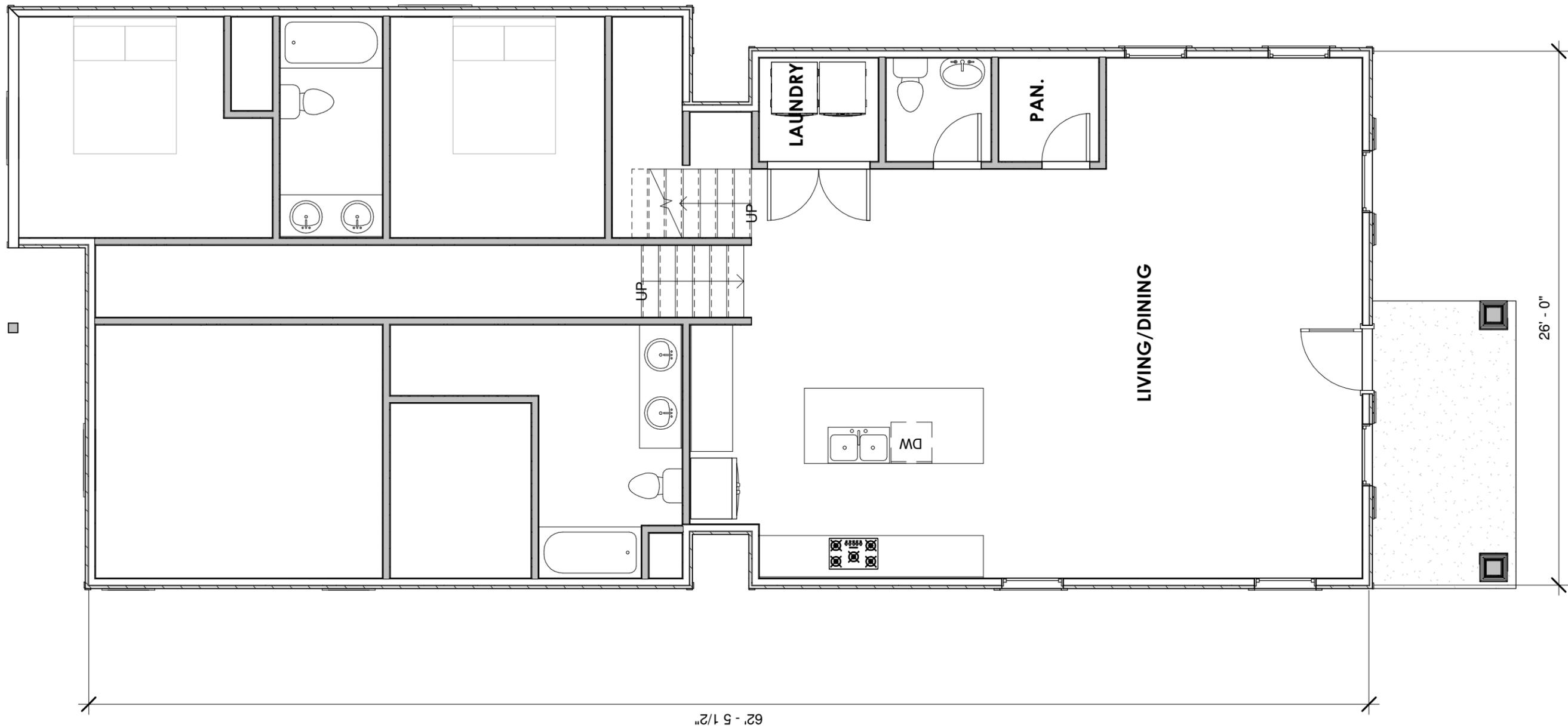
recommends that the HVAC be located on the rear façade, or on a side façade beyond the midpoint of the house. The project meets section II.B.1. i.

Recommendation:

Staff recommends approval of the proposed addition with the conditions:

1. Existing window openings are maintained;
2. Staff approve the roof color, windows and doors prior to purchase and installation; and,
3. HVAC be located on the rear façade, or on a side façade past the midpoint of the house.

With these conditions, Staff finds that the project meets Section II.B.2 for additions of the design guidelines for the Eastwood Neighborhood Conservation Zoning Overlay.



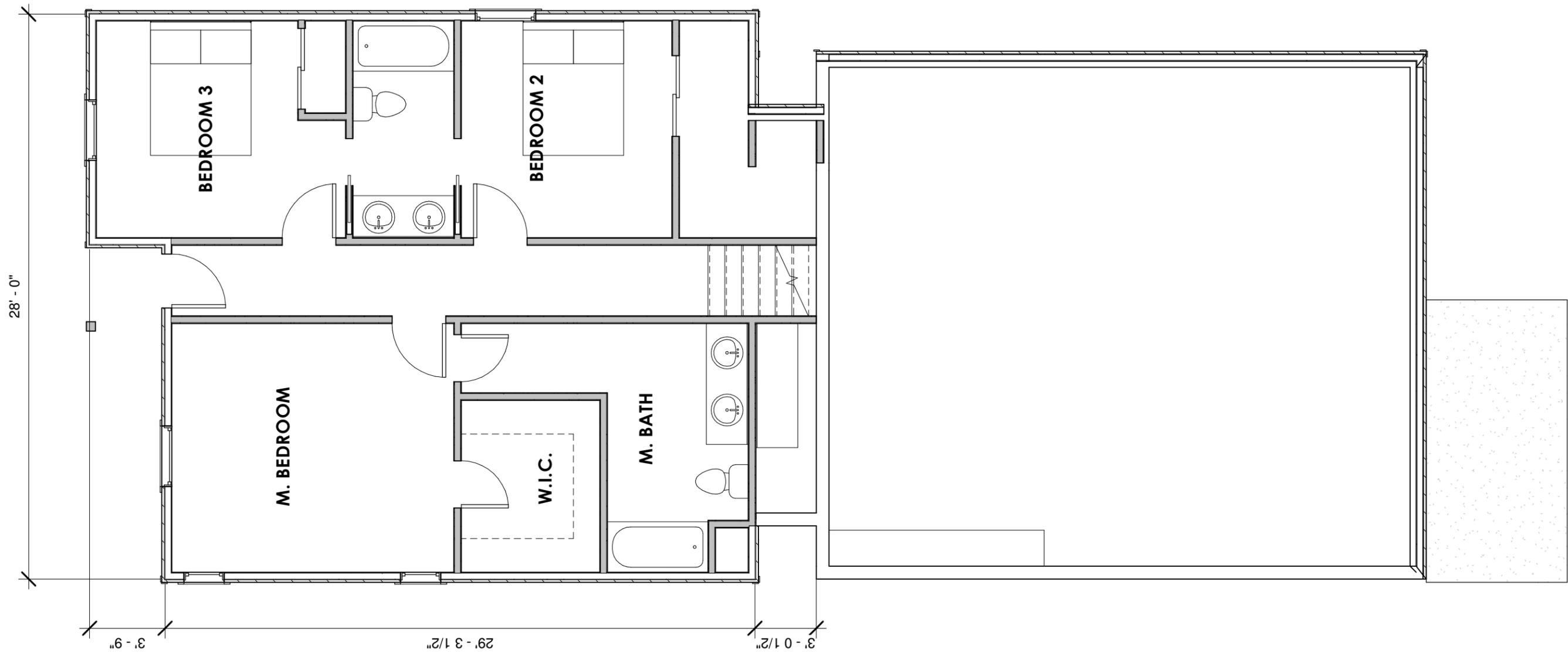
1404 N. 14TH ST. ADDITION

RENOVATION FLOOR PLAN



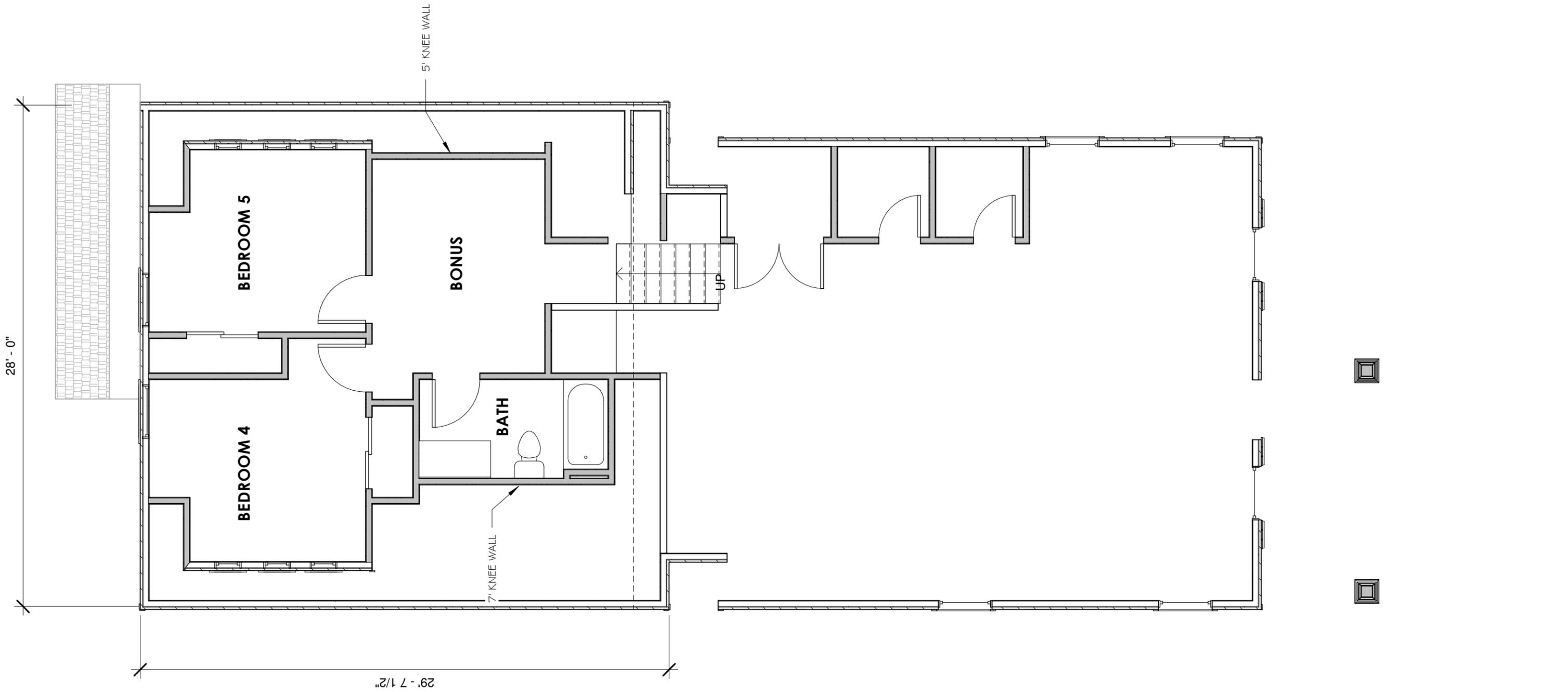
1404 N. 14TH ST. ADDITION

SITE PLAN



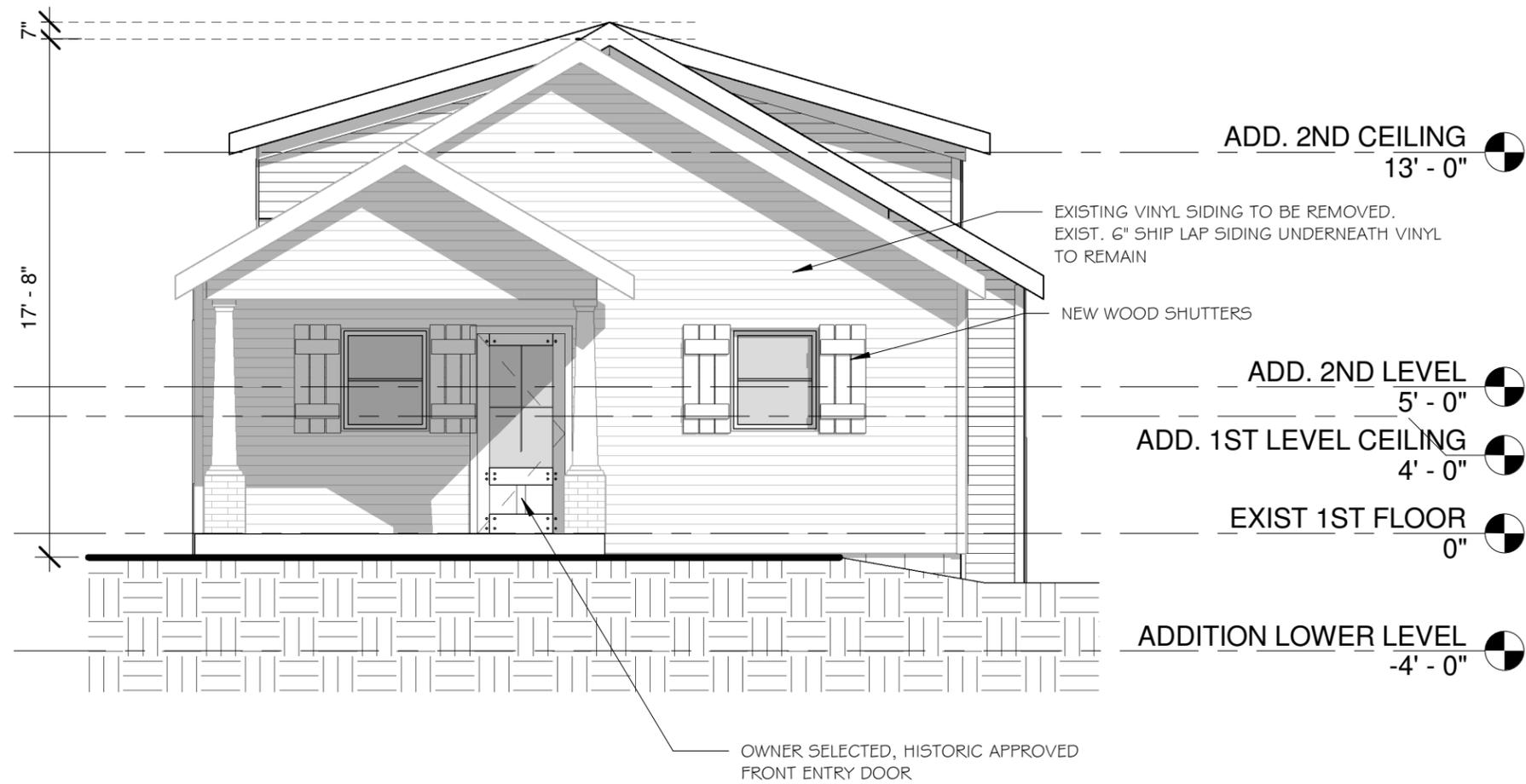
1404 N. 14TH ST. ADDITION

1ST FLOOR PLAN ADDITION



1404 N. 14TH ST. ADDITION

8' 6' 4' 2' 0 8'
 2ND FLOOR PLAN ADDITION



1404 N. 14TH ST. ADDITION

FRONT ELEVATION

EXISTING VINYL SIDING TO BE REMOVED.
EXIST. 6" SHIP LAP SIDING UNDERNEATH VINYL
TO REMAIN

WINDOW TRIM TO BE 5/4X4 SMOOTH
FACED FIBER CEMENT BOARDS, TYP.

ADD. 2ND CEILING
13' - 0"

CORNER BOARDS TO BE 5/4X4 SMOOTH
FACED FIBER CEMENT BOARDS, TYP.

BAND BOARD TO BE 5/4X8 SMOOTH
FACED FIBER CEMENT BOARDS, TYP.
ADD. 2ND LEVEL
5' - 0"

6" SHIP LAP TO MATCH EXIST. HOUSE

EXIST 1ST FLOOR
0"

ADDITION LOWER LEVEL
-4' - 0"

SLAB ON GRADE

NEW WINDOWS TO BE SELECTED BY OWNER
AND APPROVED BY HISTORIC

8' 6' 4' 2' 0' 8'

1404 N. 14TH ST. ADDITION

RIGHT ELEVATION



1404 N. 14TH ST. ADDITION

LEFT ELEVATION



1404 N. 14TH ST. ADDITION

REAR ELEVATION