

JOHN COOPER  
MAYOR



**METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY**

Metropolitan Historic Zoning Commission  
Sunnyside in Sevier Park  
3000 Granny White Pike  
Nashville, Tennessee 37204  
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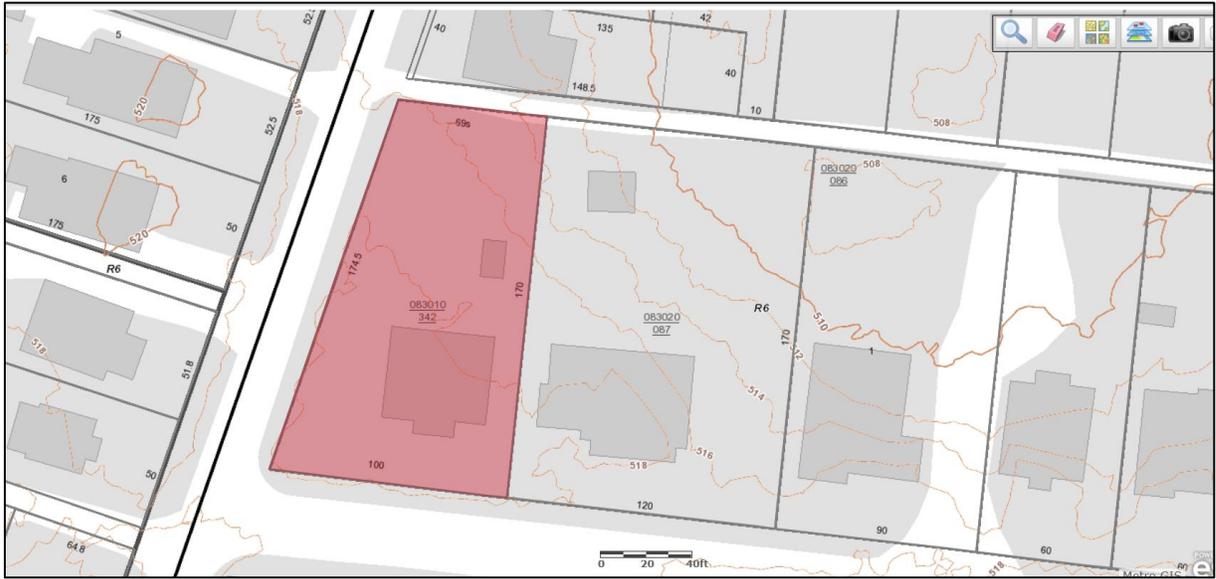
**STAFF RECOMMENDATION**

1401 Roberts Avenue  
July 15, 2020

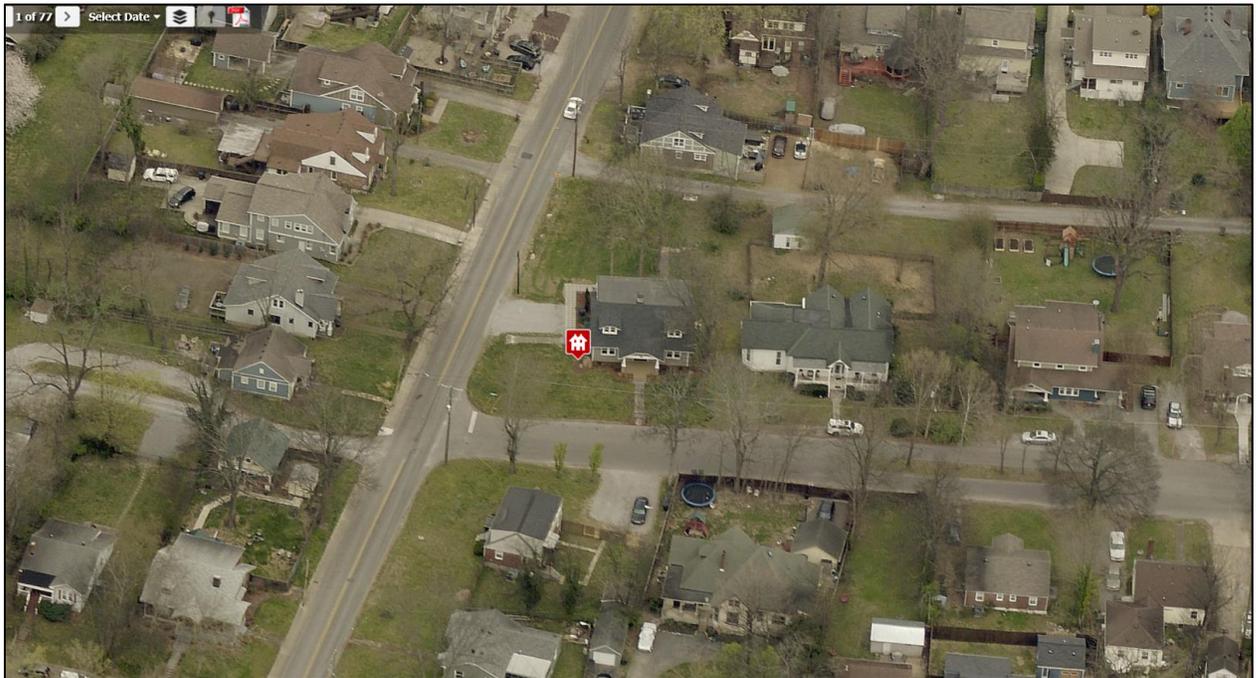
**Application:** New Construction—Outbuilding (Detached accessory dwelling unit)  
**District:** Eastwood Neighborhood Conservation Zoning Overlay  
**Council District:** 06  
**Base Zoning:** R6  
**Map and Parcel Number:** 08301034200  
**Applicant:** Cheyenne Smith  
**Project Lead:** Paul Hoffman, paul.hoffman@nashville.gov

<p><b>Description of Project:</b> This application is for a new outbuilding (detached accessory dwelling unit) at the rear of the lot. As proposed the ridge height of the outbuilding exceeds the ridge height of the house.</p> <p><b>Recommendation Summary:</b> Staff recommends approval with the conditions:</p> <ol style="list-style-type: none"><li>1. That the ridge height is reduced to be no taller than eighteen feet, two inches (18' 2"), and the eave height reduced to no taller than ten feet (10'); and,</li><li>2. Staff approve the masonry, windows, doors and garage doors prior to purchase and installation.</li></ol> <p>With these conditions, Staff finds the project to meet section II.B.1.h of the Eastwood Neighborhood Conservation Zoning Overlay design guidelines for outbuildings, and section 17.16.030.F of the Ordinance for DADUs.</p>	<p><b>Attachments</b></p> <p><b>A:</b> Photographs <b>B:</b> Site Plan <b>C:</b> Elevations</p>
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**Vicinity Map:**



**Aerial Map:**



**Applicable Design Guidelines:**

**II.B. GUIDELINES**

**1. NEW CONSTRUCTION**

**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.*

### **h. Outbuildings**

*(Although the MHZC does not review use itself there are additional ordinance requirements for buildings are or have a Detached Accessory Dwelling Unit (DADU) required by ordinance 17.16.030 that are reviewed by the MHZC. This information is provided for informational purposes only and does not replace ordinance 17.16.030.)*

- 1) A new garage or storage building should reflect the character of the period of the house to which the outbuilding will be related. The outbuilding should be compatible, by not contrasting greatly, with surrounding historic outbuildings in terms of height, scale, roof shape, materials, texture, and details.

*Outbuildings: Height & Scale*

- On lots less than 10,000 square feet, the footprint of a DADU or outbuilding shall not exceed seven hundred fifty square feet or fifty percent of the first floor area of the principal structure, whichever is less.
- On lots 10,000 square feet or greater, the footprint of a DADU or outbuilding shall not exceed one thousand square feet.
- The DADU or outbuilding shall maintain a proportional mass, size, and height to ensure it is not taller or wider than the principal structure on the lot. The DADU or outbuilding height shall not exceed the height of the principal structure, with a maximum eave height of 10' for one-story DADU's or outbuildings and 17' for two-story DADUs or outbuildings. The roof ridge height of the DADU or outbuilding must be less than the principal building and shall not exceed 25' feet in height.

#### *Outbuildings: Character, Materials and Details*

- Historically, outbuildings were either very utilitarian in character, or (particularly with more extravagant houses) they repeated the roof forms and architectural details of the houses to which they related. Generally, either approach is appropriate for new outbuildings. DADUs or out buildings located on corner lots should have similar architectural characteristics, including roof form and pitch, to the existing principal structure.
- DADUs or outbuildings with a second story shall enclose the stairs interior to the structure and properly fire rate them per the applicable life safety standards found in the code editions adopted by the Metropolitan Government of Nashville.

#### *Outbuildings: Roof*

- Roof slopes on simple, utilitarian buildings do not have to match the roof slopes of the main structure, but generally should maintain at least a 4/12 pitch.
- The DADU or outbuilding may have dormers that relate to the style and proportion of windows on the DADU and shall be subordinate to the roof slope by covering no more than fifty percent of the roof plane and should sit back from the exterior wall by 2'.

#### *Outbuildings: Windows and Doors*

- Publicly visible windows should be appropriate to the style of the house.
- Double-hung windows are generally twice as tall as they are wide and of the single-light sash variety.
- Publicly visible pedestrian doors must either be appropriate for the style of house to which the outbuilding relates or be flat with no panels.
- Metal overhead doors are acceptable on garages when they are simple and devoid of overly decorative elements typical on high-style wooden doors. Decorative raised panels on publicly visible garage doors are generally not appropriate.
- For street-facing facades, garages with more than one-bay should have multiple single doors rather than one large door to accommodate more than one bay.

#### *Outbuildings: Siding and Trim*

- Brick, weatherboard, and board-and-batten are typical siding materials.
- Exterior siding may match the existing contributing building's original siding; otherwise, siding should be wood or smooth cement-fiberboard lap siding with a maximum exposure of five inches (5"), wood or smooth cement-fiberboard board-and-batten or masonry.
- Four inch (4" nominal) corner-boards are required at the face of each exposed corner.
- Stud wall lumber and embossed wood grain are prohibited.
- Four inch (4" nominal) casings are required around doors, windows, and vents within clapboard walls. 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 clad buildings.

2) Outbuildings should be situated on a lot as is historically typical for surrounding historic buildings.

*Generally new garages should be placed close to the alley, at the rear of the lot, or in the original location of an historic accessory structure.*

*Lots without rear alleys may have garages located closer to the primary structure. The appropriate*

location is one that matches the neighborhood or can be documented by historic maps. Generally, attached garages are not appropriate; however, instances where they may be are:

- Where they are a typical feature of the neighborhood; or
- When the location of the attached garage is in the general location of an historic accessory building, the new garage is located in the basement level, and the vehicular access is on the rear elevation.

#### *Setbacks & Site Requirements.*

- To reflect the character of historic outbuildings, new outbuildings for duplexes should not exceed the requirements for outbuildings for the entire lot and should not be doubled. The most appropriate configurations would be two 1-bay buildings with or without parking pads for additional spaces or one 2-bay building.
- A DADU or outbuilding may only be located behind the principal structure in the established rear yard. The DADU or outbuilding is to be subordinate to the principal structure and therefore should be placed to the rear of the lot.
- There should be a minimum separation of 20' between the principal structure and the DADU or outbuilding.
- At least one side setback for a DADU or outbuilding on an interior lot, should generally be similar to the principle dwelling but no closer than 3' from each property line. The rear setback may be up to 3' from the rear property line. For corner lots, the DADU or outbuilding should match the context of homes on the street. If there is no context, the street setback should be a minimum of 10'.

#### *Driveway Access.*

- On lots with no alley access, the lot shall have no more than one curb-cut from any public street for driveway access to the principal structure as well as the detached accessory dwelling or outbuilding.
  - On lots with alley access, any additional access shall be from the alley and no new curb cuts shall be provided from public streets.
- Parking accessed from any public street shall be limited to one driveway for the lot with a maximum width of twelve feet.

#### ***Additional Requirements for DADUs from Ordinance 17.16.030. See requirements for outbuildings for additional requirements.***

- The lot area on which a DADU is placed shall comply with Table 17.12.020A.
- The DADU may not exceed the maximums outlined previously for outbuildings.
- No additional accessory structure shall exceed two hundred square feet when there is a DADU on the lot.

#### *Density.*

- A DADU is not allowed if the maximum number of dwelling units permitted for the lot has been met.

#### *Ownership.*

- a. No more than one DADU shall be permitted on a single lot in conjunction with the principal structure.
  - b. The DADU cannot be divided from the property ownership of the principal dwelling.
- The DADU shall be owned by the same person as the principal structure and one of the two dwellings shall be owner-occupied.
  - Prior to the issuance of a permit, an instrument shall be prepared and recorded with the register's office covenanting that the DADU is being established accessory to a principal structure and may only be used under the conditions listed here.

#### *Bulk and Massing.*

- The living space of a DADU shall not exceed seven hundred square feet.

#### ***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.

**Background:** 1401 Roberts Avenue is a one and a half-story home built circa 1930. It is a contributing structure in the Eastwood Neighborhood Conservation Zoning Overlay.



Figure 1: 1401 Roberts Avenue.

**Analysis and Findings:** This application is for a detached accessory dwelling unit (DADU). The proposed outbuilding height exceeds the height of the house measured from finished floor.

*Site Planning & Setbacks:*

	<b>MINIMUM</b>	<b>PROPOSED</b>
<b>Building located towards rear of lot</b>	-	Yes
<b>Space between principal building and Garage</b>	20'	~59'
<b>Rear setback</b>	5'	12'
<b>L side setback</b>	5'	5'
<b>R side setback</b>	5'	~16'
<b>How is the building accessed?</b>	-	From alley
<b>Two different doors rather than one large door (if street facing)?</b>	-	N/A

*Massing Planning:*

	<b>Existing conditions (height of primary structure)</b>	<b>Potential maximums</b>	<b>Proposed (should be the same or less than the lesser number to the left)</b>
<b>Ridge Height</b>	18' 2"	18' 2"	21' 11"
<b>Eave Height</b>	10'	10'	10' 10"

The DADU ordinance states, “The detached accessory dwelling shall maintain a proportional mass, size, and height to ensure it is not taller than the principal structure on the lot. The detached accessory dwelling height shall not exceed the height of the principal structure as measured to the eave line, with a maximum eave height of ten feet for single-story and seventeen feet for two-story detached accessory dwellings.”

Because of variations in grade, the Commission has determined that the eave and ridge height measurements of the historic house should be taken from the top of the foundation and/or finished floor line. The ridge height of the primary building is eighteen feet, two inches (18' 2") from the finished floor, and the eave height is ten feet (10'). The proposed ridge height of a DADU is typically measured from grade because outbuildings are typically constructed on a slab. Because of varying grade, this DADU has a foundation instead of a slab, so the measurement was taken from the finished floor in order to ensure that the comparison to the historic building was proportional. The proposed DADU is twenty-one feet, eleven inches (21' 11") from the finished floor height, and the eave height is ten feet, ten inches (10' 10"), both of which exceed the corresponding height on the house.

In this case, as the outbuilding exceeds the height of the primary building as measured to the ridge and the eave, staff recommends that the overall height be reduced to eighteen feet, two inches (18' 2"), and the eave height be reduced to ten feet (10'), so as not to exceed the height of the house.

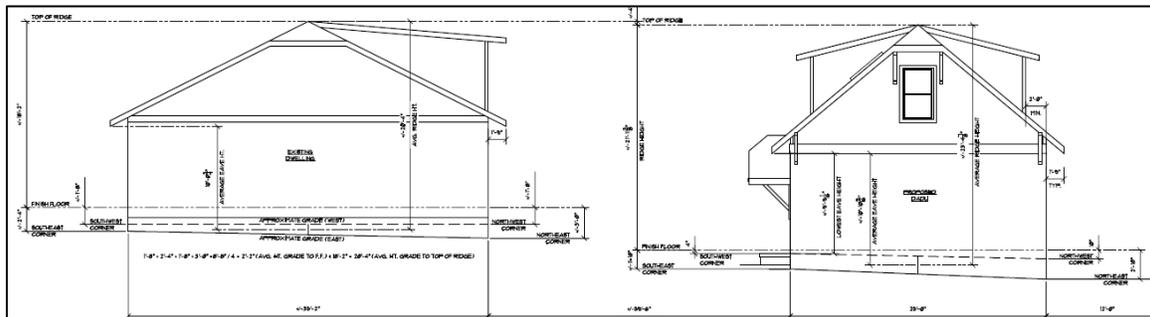


Figure 2: The DADU as proposed is lower than the house due to the grade but is not subordinate to the primary building as measured from finished floor height.

The proposed square footage of the outbuilding is one thousand square feet (1,000 sq. ft.) and the lot is thirteen thousand, one hundred and twenty-one square feet (13,121 sq. ft.). On lots greater than ten thousand (10,000) square feet, the guidelines allow outbuildings to be up to one thousand square feet. With the condition that the ridge height and eave height are reduced not to exceed that of the house, staff finds that the height and scale of the proposed outbuilding meets section II.B.1.h.1 of the design guidelines.

*Design Standards:* The materials, proportions, and overall character of the outbuilding will be similar to the house. Its roof form is appropriate, and the materials will not contrast greatly with the primary structure. Staff finds the design of the proposed outbuilding to meet section II.B.1.h of the design guidelines

*Roof Shape:*

<b>Proposed Element</b>	<b>Proposed Form</b>	<b>Typical of district?</b>
Primary form	Clipped	Yes
Primary roof slope	10/12	Yes
Dormer form	Shed	Yes
Dormer roof slope	3/12	Yes
Porch form	Clipped	Yes
Porch roof slope	10/12	Yes

The proposed dormers inset two feet (2') from the wall below them and they are twenty feet in width, which is fifty percent (50%) of the roof width.

*Material:*

	<b>Proposed</b>	<b>Color/Texture/Make/Manufacturer</b>	<b>Typical of Neighborhood</b>	<b>Requires Additional Review</b>
<b>Foundation</b>	Brick	Unknown	Yes	Yes
<b>Cladding</b>	Brick	Unknown	Yes	Yes
<b>Secondary cladding</b>	Lap siding	Smooth-face, 5" reveal	Yes	No
<b>Roofing</b>	Architectural shingles, asphalt	Match house	Yes	No
<b>Trim</b>	Wood or fiber cement boards	Smooth	Yes	No
<b>Windows</b>	Not indicated	Not indicated	Unknown	Yes
<b>Pedestrian Door</b>	Not indicated	Not indicated	Unknown	Yes
<b>Garage Door</b>	Not indicated	Not indicated	Unknown	Yes

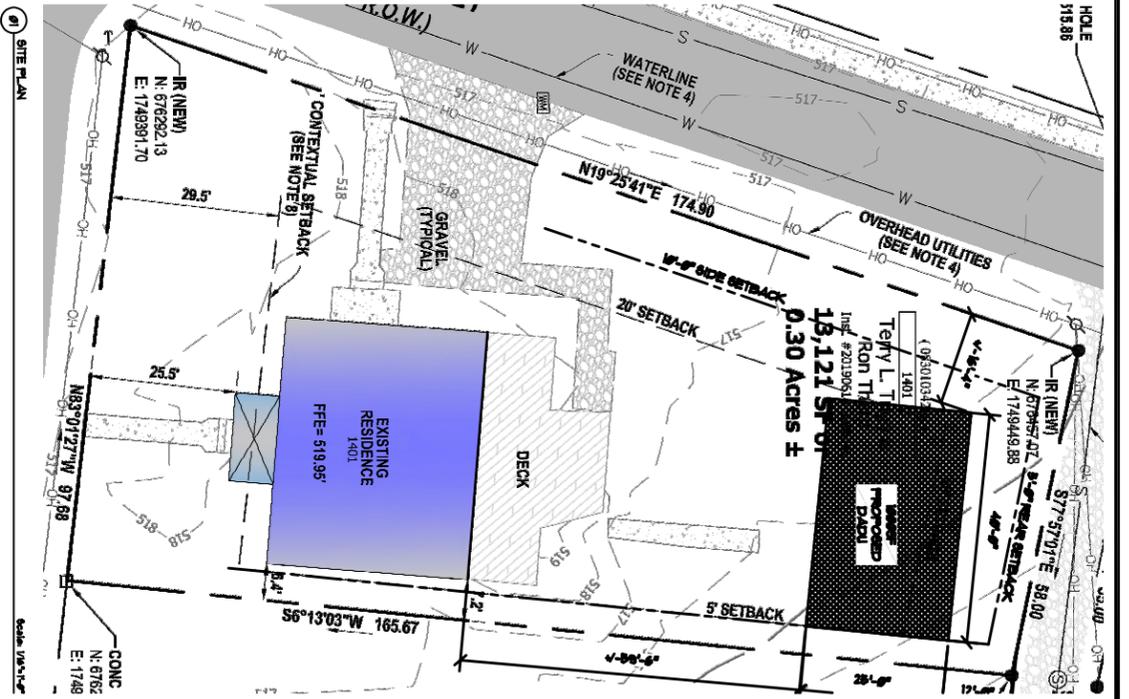
With staff's final approval of the masonry, windows, doors and roof shingle color, staff finds that the materials meet the design guidelines.

**Recommendation:**

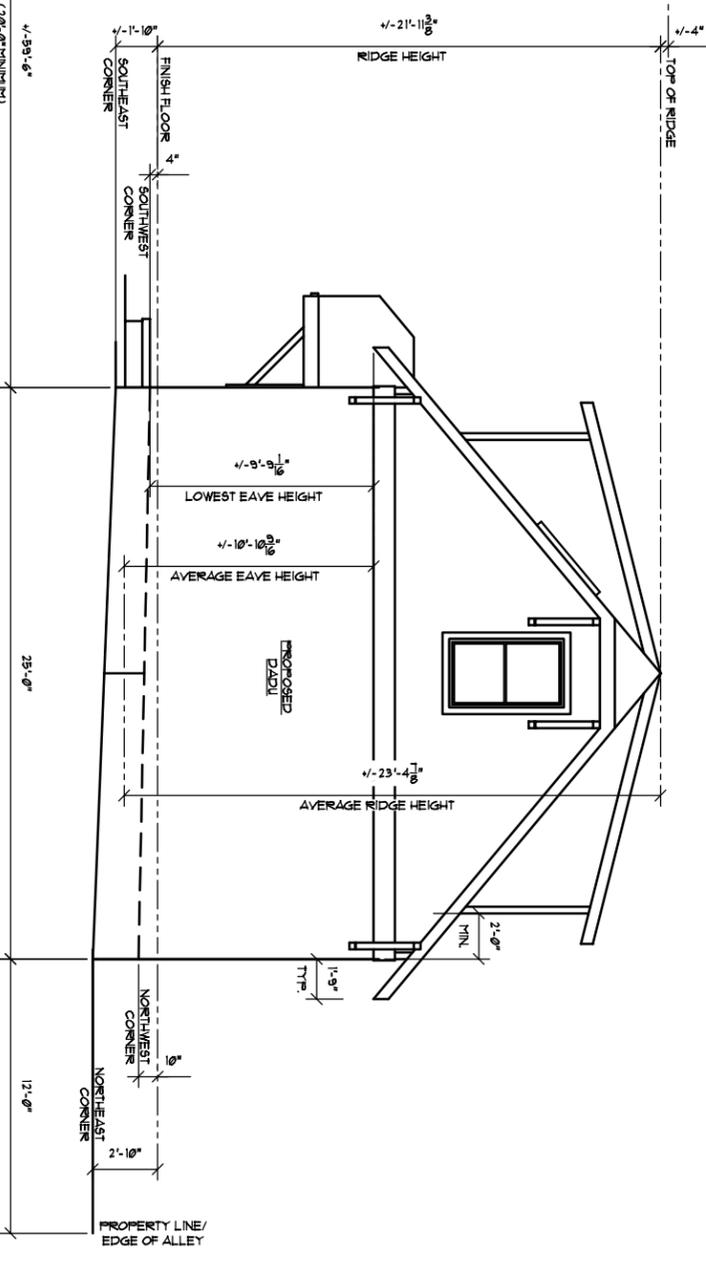
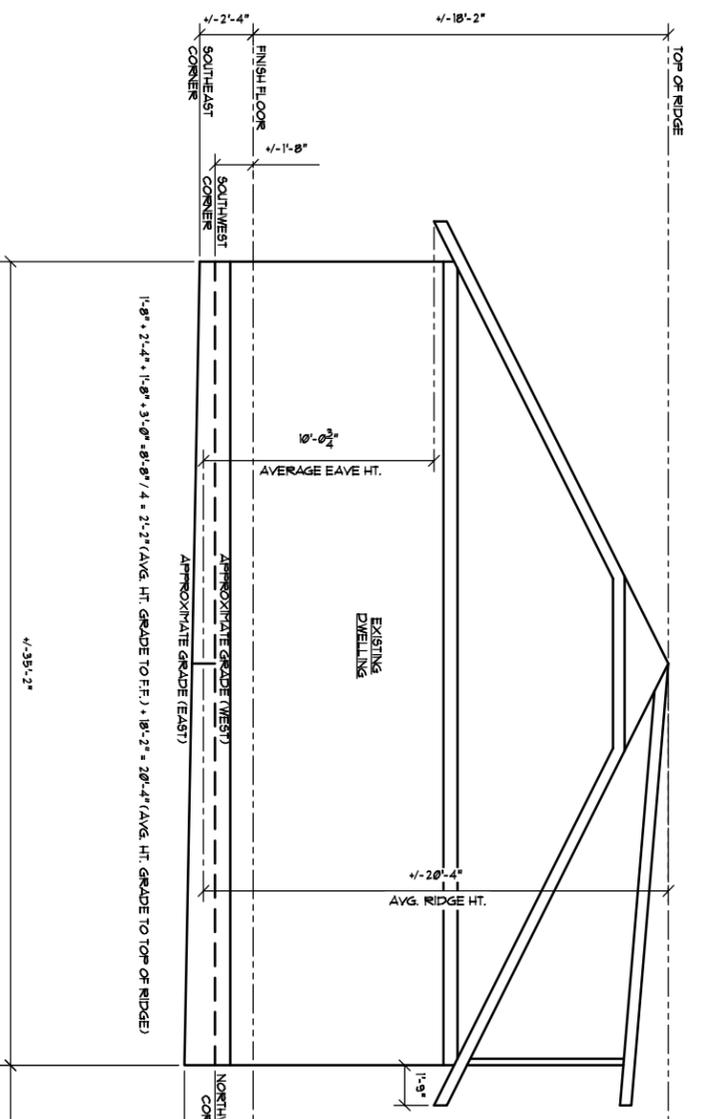
Staff recommends approval with the conditions:

1. That the ridge height is reduced to be no taller than eighteen feet, two inches (18' 2"), and the eave height reduced to no taller than ten feet (10'); and,
2. Staff approve the masonry, windows, doors and garage doors prior to purchase and installation.

With these conditions, Staff finds the project to meet section II.B.1.h of the Eastwood Neighborhood Conservation Zoning Overlay design guidelines for outbuildings, and section 17.16.030 of the Ordinance for DADUs.



④ SITE PLAN



PROPOSED DETACHED ACCESSORY DWELLING UNIT  
 1401 ROBERTS AVE.  
 NASHVILLE, TN 37206

CHEYENNE  
 HOME DESIGN  
 RENOVATIONS/ADDITIONS  
 NEW CONSTRUCTION | GARAGES  
 CHEYENNE@SMITH.COM  
 615-430-8885  
 CHEYENNE, TN 37033

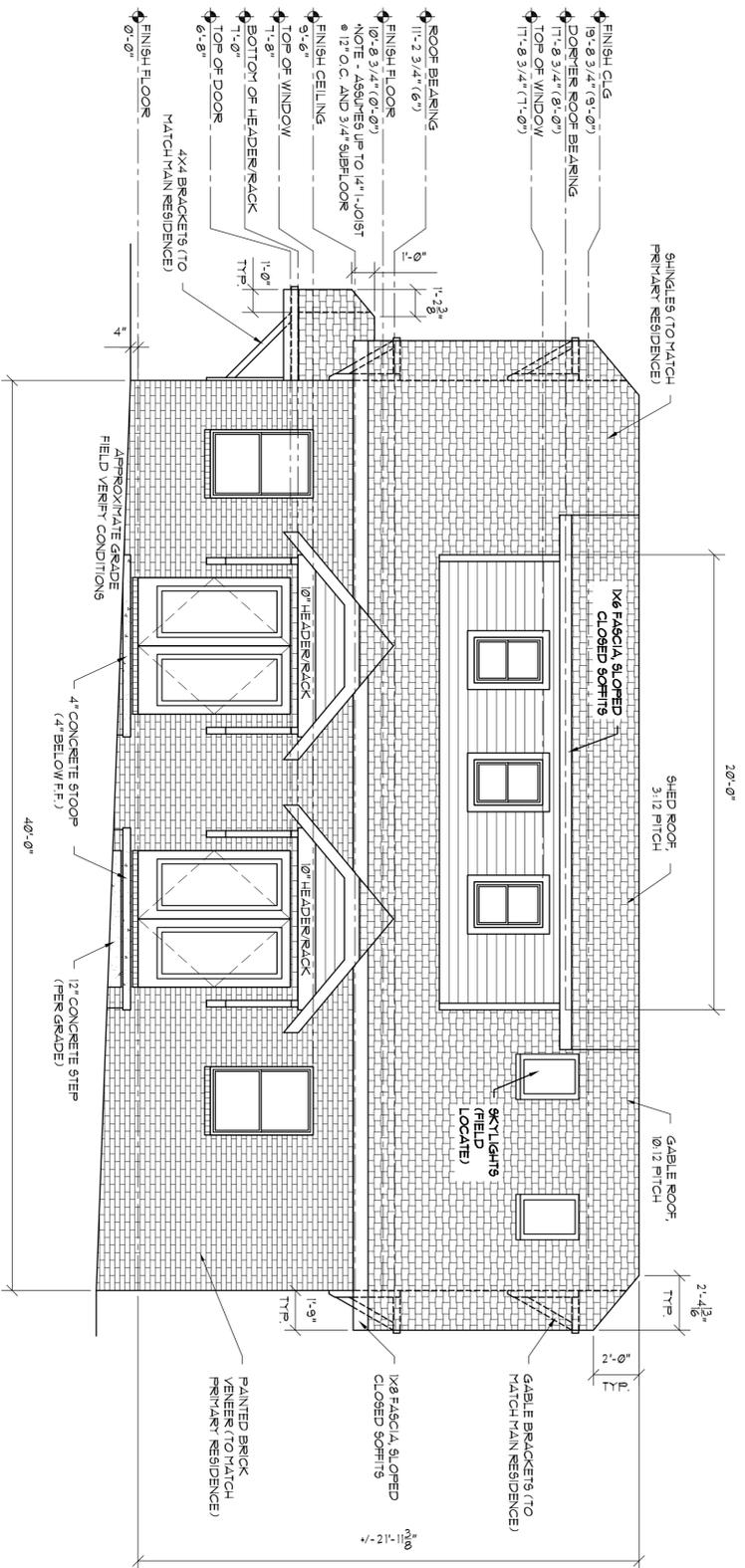
PROJECT #: 19046

REV	DATE	DESCRIPTION

ISSUE DATE: 06.29.20  
 NOT FOR CONSTRUCTION  
 PLOT TO FULL SCALE  
 ON 22" X 34" PAPER  
 PLOT TO HALF SCALE  
 ON 11" X 17" PAPER

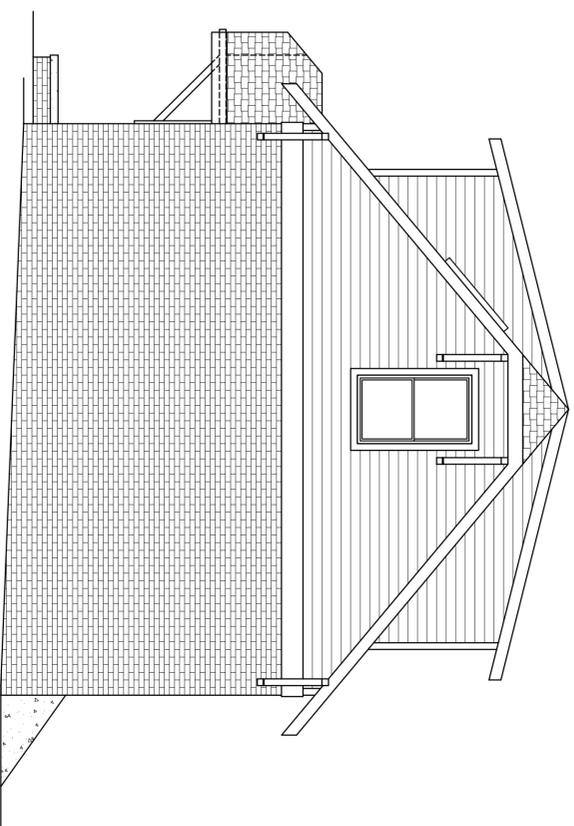
SCALE: 1/4" = 1'-0"  
 A100  
 SITE PLAN AND  
 HEIGHT COMPARISON





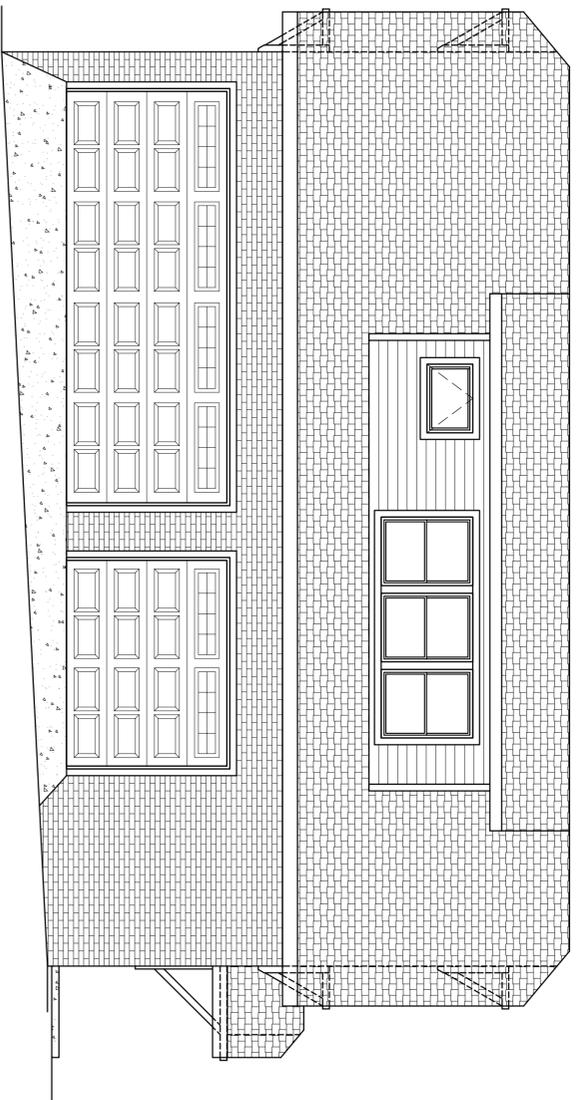
01 FRONT ELEVATION (SOUTH)

Scale: 1/4"=1'-0"



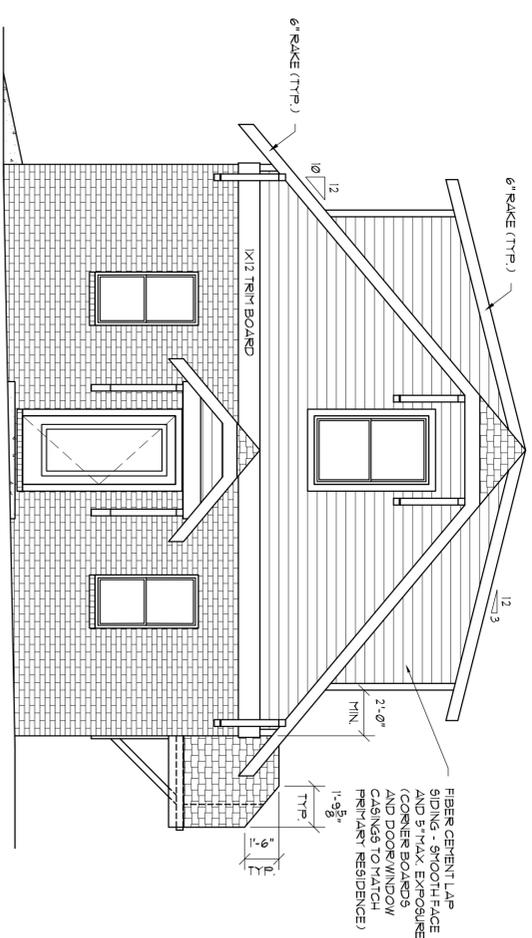
02 RIGHT ELEVATION (EAST)

Scale: 1/4"=1'-0"



03 REAR ELEVATION (NORTH)

Scale: 1/4"=1'-0"



04 LEFT ELEVATION (WEST)

Scale: 1/4"=1'-0"

PROPOSED DETACHED ACCESSORY DWELLING UNIT  
 1401 ROBERTS AVE.  
 NASHVILLE, TN 37206

CHEYENNE HOME DESIGN  
 RENOVATIONS/ADDITIONS  
 NEW CONSTRUCTION / GARAGES  
 CHEYENNE@SMITHDCOM  
 CHEYENNE@SMITHDCOM

PROJECT #: 19046

REV	DATE	DESCRIPTION

ISSUE DATE: 06.29.20  
 THIS REVIEW SET NOT FOR CONSTRUCTION

PLOT TO FULL SCALE ON 22" X 34" PAPER  
 PLOT TO HALF SCALE ON 11" X 17" PAPER

SCALE: 1/4" = 1'-0"

A102

EXTERIOR ELEVATIONS