

APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS – STAFF REPORT

COA-0005-2020 409 N BLOODWORTH STREET

Applicant: MARGARET MALONEY

Received: 1/14/2020 <u>Meeting Date(s)</u>:

<u>Submission date + 90 days</u>: 4/13/2020 1) 2/27/2020 2) 3)

INTRODUCTION TO THE APPLICATION

Historic District: OAKWOOD HISTORIC DISTRICT

Zoning: GENERAL HOD

Nature of Project: Construct addition; enclose second-story deck; alter windows; install fence;

remove shed

Staff Notes:

• COAs mentioned are available for review.

APPLICABLE SECTIONS OF GUIDELINES and DESCRIPTION OF PROJECT

Sections	Topic	Description of Work
1.3	Site Features and Plantings	Construct addition; install fence
1.4	Fences & Walls	Install fence
1.6	Garages & Accessory Structures	Remove shed
2.7	Windows & Doors	Alter windows
3.2	Additions	Construct addition; enclose second-story deck

STAFF REPORT

Based on the information contained in the application and staff's evaluation:

- A. Constructing an addition; enclosing a second-story deck; and altering windows are not incongruous in concept according to *Guidelines* 1.3.1, 1.3.6, 1.3.7, 1.3.8, 2.7.1, 3.2.1, 3.2.2, 3.2.4, 3.2.5, 3.2.6, 3.2.7, 3.2.8, 3.2.9, 3.2.10, 3.2.11, 3.2.12, and the following suggested facts:
- 1* The application includes a page from the "Inventory of Structures in The Oakwood National Register Historic Districts" Raleigh, North Carolina By Matthew Brown, Historian, Society for the Preservation of Historic Oakwood Researched and written from 2004 to 2015. That document states the property was constructed circa 1922 and is contributing to the historic district. It is described as a: "Neoclassical Revival frame foursquare... The main section of the house has a hipped, almost pyramidal roof. The eaves are very deep, showing the influence of the Prairie style. The front porch has a hipped roof supported by four Tuscan columns with a square-section balustrade. The partially-glazed front door has sidelights. The parlor has a triple window. Most windows are six-over-one. There is an exposed

- chimney on the right side of the house. There is an original hipped-roofed projection on the northern part of the rear."
- 2* A tree protection plan prepared by an ISA-certified arborist was provided showing the locations, DBH, species and critical root zones of trees on the property as well as fencing, site access, and material laydown area.
- 3* The application proposes a one-story rear screened porch addition and enclosure of an existing second-story deck. This is a traditional location to add to a house in the historic district.
- 4* The proposed rear addition will be constructed in the footprint of an existing low deck. The deck was approved in 2016 (085-16-MW).
- 5* The existing second-story deck was expanded in 2016 (130-16-CA).
- 6* The proposed roof form widens the existing rear hip and has a roof ridge that is lower than the existing roof ridge. The new roofline maintains the form of the hip on the main historic house. A one-story gable covers the rear porch addition.
- 7* The roofing is proposed to be architectural asphalt shingles; specifications were not provided.
- 8* An eave and soffit detail drawing of the proposed 16" eave was provided.
- 9* The addition is proposed to be clad in wood siding with a 4½" reveal, with 4½" trim and 5" corner board to match the existing house.
- 10* The existing house features primarily six-over-one double-hung windows. One eight-over-one window is located on the front façade. A non-historic horizontal transom window on the north façade is proposed to be removed.
- 11* The proposed new wood six-over-one double-hung windows on the addition appear to match the proportions of the windows located on the existing rear addition. Specifications and section drawings were provided. The text and specifications note that six-over-one windows will be installed; however, the north and west elevation drawings show one-over-one windows in the addition.
- 12* A new full-lite door is proposed on the rear façade. Specifications and section drawings were provided.
- 13* The proposed rear screened porch is designed to be structurally self-supporting. The proposed brick piers will be painted to match the existing foundation.

- 14* The screened porch is to be framed with treated lumber, have no railing, and be painted to match the house.
- 15* **Built mass to open space analysis**: According to the applicant, the lot is 5,004 SF. The original built mass was 1,714 SF, with a ratio of built mass to open space of 34%. The proposed built mass is 1,707 SF, with a ratio of built mass to open space of 34%.
- 16* **Built area to open space analysis**: The addition is constructed in the footprint of an existing deck. There is no proposed change to built area.
- 17* Gutters and downspouts were noted as matching the existing; however, they were not shown on the elevations.
- 18* Exterior lighting, if any, was not shown on the drawings, nor were specifications provided.
- B. Installing a fence is not incongruous in concept according to *Guidelines* 1.3.1, 1.3.9, 1.4.8, 1.4.10, 1.4.11, and the following suggested facts:
- 1* Location: The applicant proposes installing a fence along the front (east) and side (north) property lines from the south east corner of the house along the driveway and sidewalk to the middle of the rear yard on the east property line. Additional fencing is proposed along the south west corner of the house along the driveway to the west and terminating at the neighbor's fence.
- 2* *Material*: The proposed fence is black wrought iron or aluminum; metal is a traditional fencing material.
- 3* *Height:* The site plan indicates that the proposed fence height is 48"; however, the fence detail drawing shows a 42" fence.
- 4* *Configuration*: The proposed fence location is characteristic of the district.
- 5* *Design:* The proposed fence is a pressed spear style picket. The design is traditional and simple. Traditionally, fences were constructed with neighbor friendly design, with structural members facing inward; the example fence design has the same appearance on each side. A detail drawing was provided.
- 6* Two gates are shown on the plan: one single gate in the north side yard and one double gate at the end of the front walk. No details were provided on the design or dimensions of the gates.

- C. Removing a shed not incongruous in concept according to *Guidelines* sections 1.6.1, 1.6.2, 1.3.6, and the following suggested facts:
- 1* The application includes the removal of a shed in the rear yard.
- 2* Some of the proposed site plan drawings show that the shed will remain, while the shed does not appear on others. The tree protection plan notes that the shed will be removed by hand.
- 3* The shed was previously approved to be removed in 2015 (053-15-MW).
- 4* Removal of accessory structures that are not architecturally or historically significant with total area less than 144 sq. ft is considered a minor work COA and is included here for administrative efficiency.

Staff suggests that the committee approve the application with the following conditions:

- 1. That a tree protection plan be implemented and remain in place for the duration of construction.
- 2. That details and specifications for the following be provided to and approved by staff prior to issuance of the blue placard:
 - Updated north and east elevation drawings showing the correct window style to be installed;
- 3. That details and specifications for the following be provided to and approved by staff prior to installation or construction:
 - a. Roofing, if changing existing color;
 - b. Paint and stain color samples from the manufacturer if different than what's on the existing house;
 - c. Gutters and downspouts location on the building;
 - d. Final fence and gate design and dimensions;
 - e. Exterior lighting including location on the building, if any.

Staff Contact: Collette Kinane, collette.kinane@raleighnc.gov

	Type or print t	the following:	
Applicant name: Margaret Malor	ney (Pell St Stud	dio - Ashley Morris architect)	
Mailing address:409 N Bloodwor			
City: Raleigh	State: NC	Zip code: 27604	
Date: 1-8-2020		Daytime phone #: 646-765-0656	
Email address: maggie_malone	y@mac.com		
Applicant signature:	Mante	Well and my	
Minor work (staff review) – one copy Major work (COA committee review) – ten copies Additions > 25% of building sq. footage New buildings Demolition of building or structure All other Post approval re-review of conditions of approval		Office Use Only Transaction #: File #: COA-0005-2020 Fee: Amount paid: Received date: Received by:	
Property street address: 409 N B	loodworth St		
Historic district: Oakwood			
Historic property/Landmark name	(if applicable):		
Owner name: Margaret Maloney	1		
Owner mailing address: 409 N BI	loodworth St		

For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.

Property Owner Name & Address	Property Owner Name & Address
322 Oakwood Ave	314 Polk St
415 N Bloodworth St	408 N Person St
318 Polk St	412 N Bloodworth St
414 N Bloodworth St	400 N Person St
326 Oakwood Ave	407 Oakwood Ave
404 N Bloodworth St	407 N Bloodworth St

I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Will you be applying for rehabilitation tax credits for this project?	Office Use Only
Yes No	Type of work:
Did you consult with staff prior to filing the application?	
Yes No	

Design Guidelines: please cite the applicable sections of the design guidelines (www.rhdc.org).				
Section/Page Topic Brief description of work (attach additional sheets as needed).				
3.2/67	Additions	Small rear additions w/ screen porch		
2.7/51	windwows	new compatible with historic windows		
2.5/47	roof	addition roof similar to existing		
1.3/23	site	proportion of built mass to open space		

Minor Work Approval (office use only)					
Upon being signed and dated below by the Planning Director or designee, this applic Certificate of Appropriateness. It is valid until	ation becomes the Minor Work				
Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.					
Signature (City of Raleigh)	_ Date				

Proposed Addition to 409 N BloodworthSt

The owner of 409 N Bloodworth St would like to add a one story addition to the rear of the house to expand the kitchen and add a screened porch. On the second floor the owner would like to rework the exterior of the existing laundry room and expand this area to encompass the area of the upper deck. The additions are the same footprint of the existing decks so the impervious surface and mass to open space will not change as far as footprint goes. This also helps with preserving all the existing trees on the property and the surrounding properties.

<u>Section 2.1 #11 It is not appropriate to replace or cover historic wooden siding, trim, or window</u> sashes with contemporary substitute materials.

There is one rectangular window that was added over time between the two historic windows in the Dining Room. We are requesting to remove this and infill the wall. Siding will be laced in and will match the historic siding in material, size, and appearance.

Section 2.7 #9 If additional windows or doors are necessary for a new use, install them on a rear or non-character-defining facade of the building, but only if they do not compromise the architectural integrity of the building. Design such units to be compatible with the overall design of the building, but not to duplicate the original.

New windows will be added in the existing kitchen wall to help add light to the space as it gets expanded. These will be paired which will differentiate the windows from the rest of the windows around the house. These windows are on the side elevation at the back of the house and are not visible from the street.

<u>Section 1.3 #8 In the residential historic districts, it is not appropriate to alter the residential character of the district by significantly reducing the proportion of the original built area to open space on a given site through new construction, additions, or surface paving.</u>

The additions are being created in spaces that are already covered by existing decks. They will be the same footprints so no additional ground coverage will be added.

<u>Section 3.2 Additions #1 Construct additions, if feasible, to be structurally self-supporting to reduce any damage to the historic building. Sensitively attach them to the historic building so that the loss of historic materials and details is minimized.</u>

The addition has been located on the rear of the house and stays inline with the massing of the existing house. The screen porch has been located to the rear elevation of the house which is the least character defining elevation of the house. The roof for this will be a gable roof. Eaves and overhangs will be similar to the historic roof lines to create a more cohesive aesthetic and help protect the structure.

Section 3.2 #8 Design an addition to be compatible with the historic building in mass, architectural style, materials, color, and relationship of solids to voids in the exterior walls, yet make the addition discernible from the original.

The new addition follows the shape and footprint of the existing house and will not be visible from the street as you face the house. The roof lines of the addition are equal to or lower than the historic house hip ridge heights. Siding, eaves, overhangs, windows and trim shall be

consistent between the new and existing sections of the house to help create a cohesive overall aesthetic.

Materials -

New siding will be wood siding that matches the exposure of the historic siding (4.5" exposure smooth wood siding). Trim to match existing trim 4.5" window and door trim. The windows will have a 1" drip cap. Corner boards to match existing (5"). Windows will be 6 over 1 double hung windows to be more in keeping with the existing house. Roofing to be architectural asphalt shingles, the existing roof is to be replaced when the new is added. Brick foundation will match existing and be painted. Decking to be pressure treated stained decking or ipe on the screened porch and deck. Screen porch ceiling to be painted beadboard. Painted or stained 1x4 slats to screen below the screen porch between the painted brick piers. New eaves, soffits and overhangs to match existing.

36:672 George W. Adkins to Joanna Johnson Oct 15, 1873 \$540 what became 404, 408 and part of 412 N.

Bloodworth, & 407 Oakwood

Joanna Johnson to H. C. Johnson by will Book E:404

H. C. Johnson to Nannie Johnson (his second wife) by will Book F:438

249:356 Nannie Johnson to Jacob E. Rudy Aug 10, 1910 \$2000 this lot

Pauline Young Stronach to daughter Sarah Norfleet Stronach, by will

10856:2762

1891 Heck plat map: no house

Apr 8, 1893 *News & Observer*: "Mr. Clay Johnson has had built a nice cottage adjoining his place on North Bloodworth Street, and it is occupied by Hon. W. A. Montgomery, who has moved his family here from Warrenton."

1896-97 RCD: Henry C. Johnson, machinist, w-Joanna, Stanford Nichols, printer, w-Caroline, 2 kids

1899-00 RCD: E. J. Best, married

1903 RCD: E. J. Best

1907-08 RCD: W. H. Riggsbee

Oct 5, 1908 *Raleigh Times*: "For Rent – Two furnished rooms, \$7.50 each, or three or four unfurnished rooms, at reasonable rate. 408 N. Bloodworth St."

1909 Sanborn: this house numbered 406. Front section, short ell behind right side, long ell behind left side, porch along side long ell, wooden shingle roof

1914 Sanborn: this house numbered 406/408, addition behind ell behind right side, bay window on left side (but may have been there already; 1909 map often left out such details), slate roof, shed behind ell behind left side (where shed was . . . or is it the same? Diff. shape)

1953 RCD: Bernice H. Austin

1963 RCD: Herbert Wood

1968 RCD: Herbert Wood

1973 RCD: vacant

1976 RCD: two apartments

2012 wakegov: section behind ell behind left side is larger, more the shape of the shed on 1914 map, back porch screened in

=WA4008 **409** N. Bloodworth St. John D. Lanier House c.1922 This Neoclassical Revival frame foursquare was built for John and Lizzie Belle Lanier. He was a dispatcher for the Seaboard Air Line Railroad. Their descendants still live in the house as of 2014. The main section of the house has a hipped, almost pyramidal roof. The eaves are very deep, showing the influence of the Prairie style. The front porch has a hipped roof supported by four Tuscan columns with a square-section balustrade. The partially-glazed front door has sidelights. The parlor has a triple window. Most windows are six-over-one. There is an exposed chimney on the right side of the house. There is an original hipped-roofed projection on the northern part of the rear. The house was extensively restored in 2006-07 by Chester and Joann Barnes, she being the grandaughter of the original owners.

There is a small shed built in 1980 according to tax records.

This Neo-classical four-square home was built for John D. and Lizzie Belle Lanier, Joann Barnes's grandparents, who bought the lot in 1921. The home has always remained in the family's possession, although serving as rental property for 10 years. Beginning in 2006, the Joann and Chester Barnes completely renovated the home (From 2007 calendar & tour info)

BM1915:11 this is lot 2 in division of Stronach property

332:264 W. B. Stronach & other Stronachs to W. C. Douglass Nov 15, 1918

381:551 W. C. & Josie Douglass to John D. & Lizzie Belle Lanier Mar 21, 1922 Int Rev \$2.00

Eleanor L. Gaddy by will 1980

1919-20 RCD: no listing

1921-22 RCD: no listing

1922-23 RCD: vacant

1923-24 RCD: John D. Lanier, dispatcher

1924 RCD: J. D. Lanier

1926 RCD: John D. Lanier, dispatcher Seaboard Air Line RR

1948 RCD: Lizzie Lanier, W. Hinton DeLoache

1950 Sanborn: rectangle with projection on northern part of rear, composition roof, larger shed in same location as current

1963 RCD: Lizzie B. Lanier 1968 RCD: Lizzie Lanier

2012 wakegov: same footprint as 1950

=WA0073 411 N. Bloodworth St. Strong-Stronach House c.1871 This Italianate frame two-story was built by prominent contractor Thomas H. Briggs for lawyer George V. Strong, who served in the N.C. House of Representatives in 1874-75. In 1884 the house was purchased by Alexander B. Stronach, one of the sons of William Stronach Sr., the Scottish stonemason who came to Raleigh in the 1930s to build the State Capitol. Alexander had served in the 13th Battalion N.C. Light Artillery in the Civil War. He and his brother William Carter Stronach were partners in a retail and wholesale grocery business. Alexander later ran a dry-goods business. He also served as head of the N.C. Soldiers' Home. He and his wife Mary had eight children. The house has a pyramidal roof with very wide flush gables in the center of each of the four sides. The eaves are supported by large Italianate brackets – six pairs on each side of the house. In the gables are quatrefoil attic vents. The front porch has a hipped roof supported by four chamfered square-section posts set on square-section bases, with elaborate capitals, and a sawnwork balustrade. The partially-glazed double front door has a transom. Most windows are six-over-six. There are four large chimneys, each with several arched niches and corbeled tops. Between 1882 and 1903, a wing was added to the right side of the house, with a porch in front of it and along the right side of the original house. The woodwork on this porch matches that of the main front porch. Also between 1882 and 1903 was built a two-story wing in the center of the rear, with a kitchen attached to the back of the wing. Between 1909 and 1914 was added a shallow projection on the left side of the house. Between 1950 and 1970 the rear extension was altered by John Woodard, and an addition was made on the north side of this extension. In the mid-1970s the house was initially restored by Eric Ennis, while he was a tenant of John Woodard. But by the early 1980s, it had become a halfway house for released prisoners. In 1984 a group of Oakwood residents consisting of Oakley and Donna Herring, Chris Yetter, Steve Zamparelli, and Olive Colman, bought the house, throroughly restored it, and opened the Oakwood Inn, Raleigh's first bed-and-breakfast. It remains the Oakwood Inn as of 2014.

Eric Ennis did initial restoration of this house, early 70s Had a bridal shop, according to Richard Black.

54:407 George V. & Anna Strong to R. S. Pullen May 20, 1879 mortgage for \$4147. what is now 407, 409, 411, 415 N. Bloodworth & back of 315, 317 Oakwood

74:338 George V. & Anna Strong to R. S. Pullen Apr 21, 1883 what is now 407, 409, 411, 415 N. Bloodworth & back of 315, 317, Oakwood. Settlement of mortgage

78:136 R. S. Pullen to A. B. Stronach Jan 19, 1884 \$4500 what is now 407, 409, 411, 415 N. Bloodworth & back of 315, 317 Oakwood

874:389 C. W. & Frances Smith to Adrienne Phillips Eller

874:602 W. F. & Adrienne Eller to John W. & Eunice Woodard Dec 2, 1941 Rev \$1.65

3259:150 John W. Woodard, widower, to Preservation Inc. Feb 28, 1984 \$165K

1872 Drie: rectangular house, separate kitchen

1875-76 RCD: George V. Strong, lawyer h Bloodworth cor North

1880-81 RCD: George V. Strong, attorney

1881 map: Geo. V. Strong. Square footprint, no north wing, no separate kitchen

1882 map: same as 1881

1883 RCD: Alex B. Stronach, grocer

1886 RCD: A. B. Stronach, W.C. & A. B. Stronach groceries & provisions

1887 RCD: A. B. Stronach, wholesale & retail grocer

1888 RCD: A. B. Stronach, wholesale grocer

1896-97 RCD: A. B. Stronach, dry goods, notions, etc., w-M. A., 8 kids

1900 census: A. B. Stronach, merchant age 53, wife M. A., eight children

1901 RCD: Alex B. Stronach, dry goods, w-Mary, Misses Kate, Janet, Ethel Stronach

1903 RCD: A. B. Stronach

1903 Sanborn: this house, with north wing and porch, two story rear wing and connected kitchen behind it, metal roof, another tiny addition on left side of rear, small porches on right side of rear

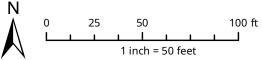
1909 Sanborn: same as 1903

1914 Sanborn: similar to 1909, bumpout added in middle of left side

1925 RCD: W. B. Stronach 1939 RCD: Ernest J. House Jr.



409 N Bloodworth St - aerial



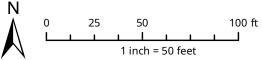
<u>Disclaim er</u>

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409 N Bloodworth St - imaps

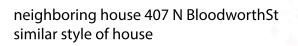


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Existing window condition, propose to remove the center rectangular window

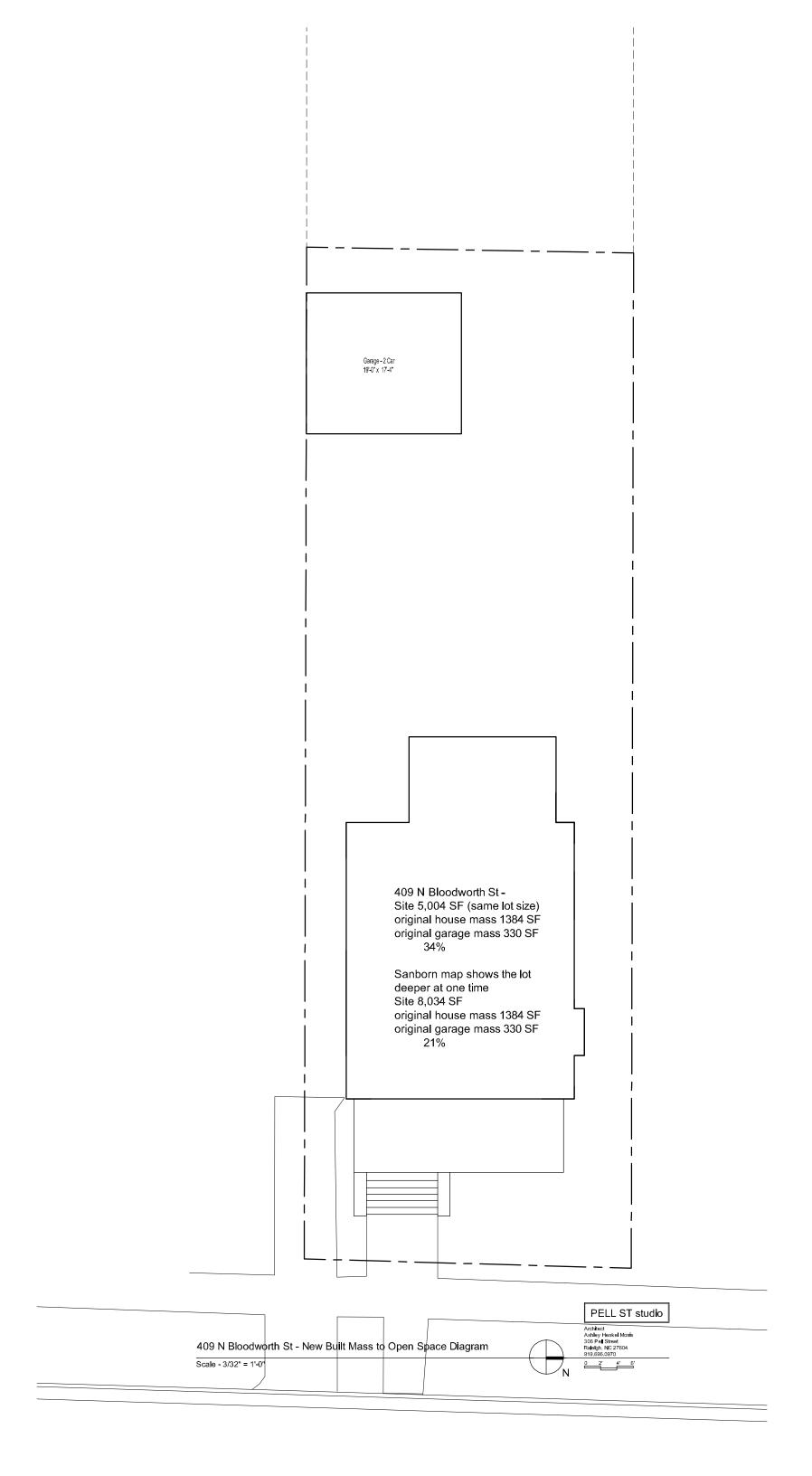


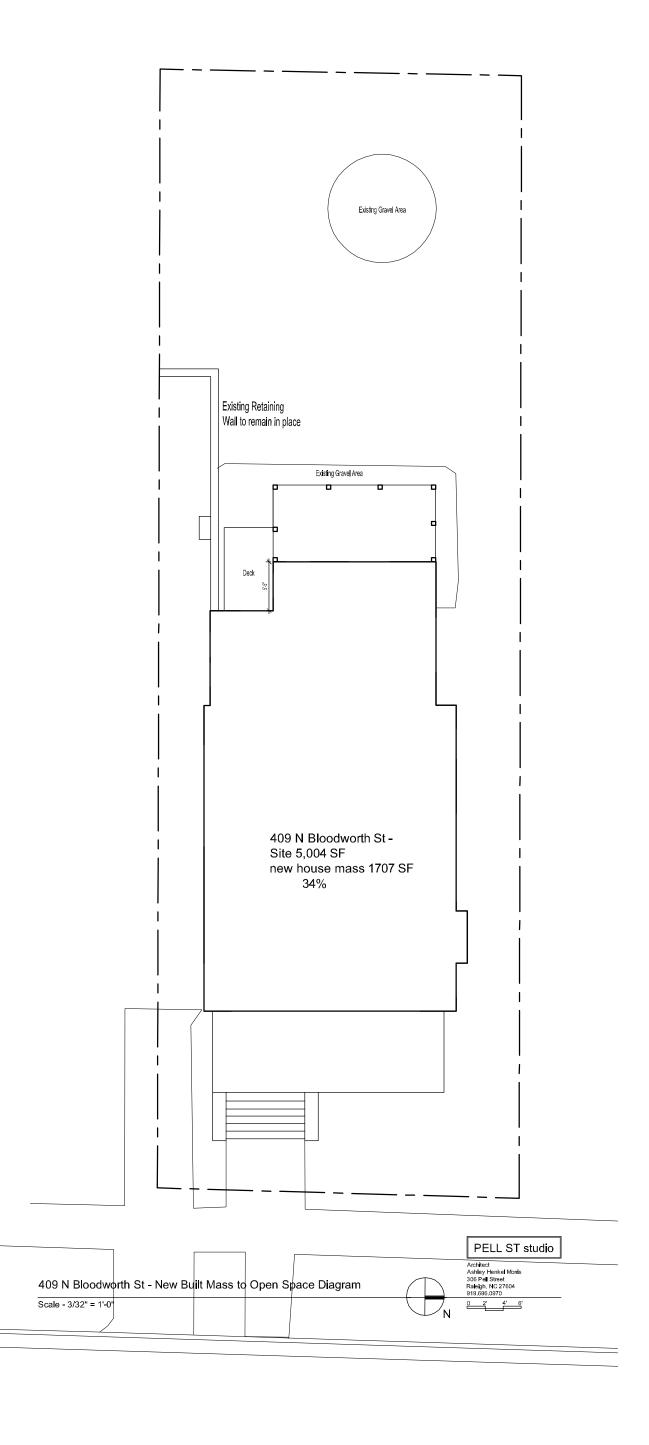


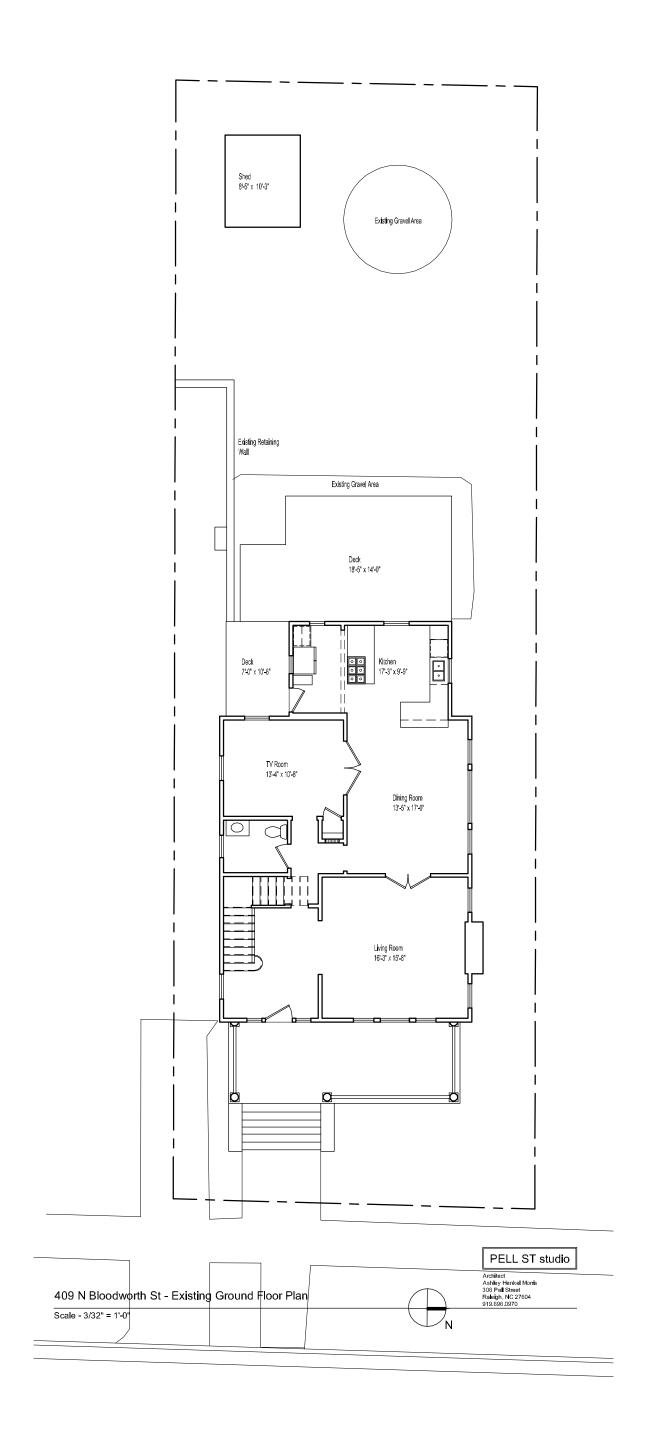
neighboring house 407 N BloodworthSt similar style of house

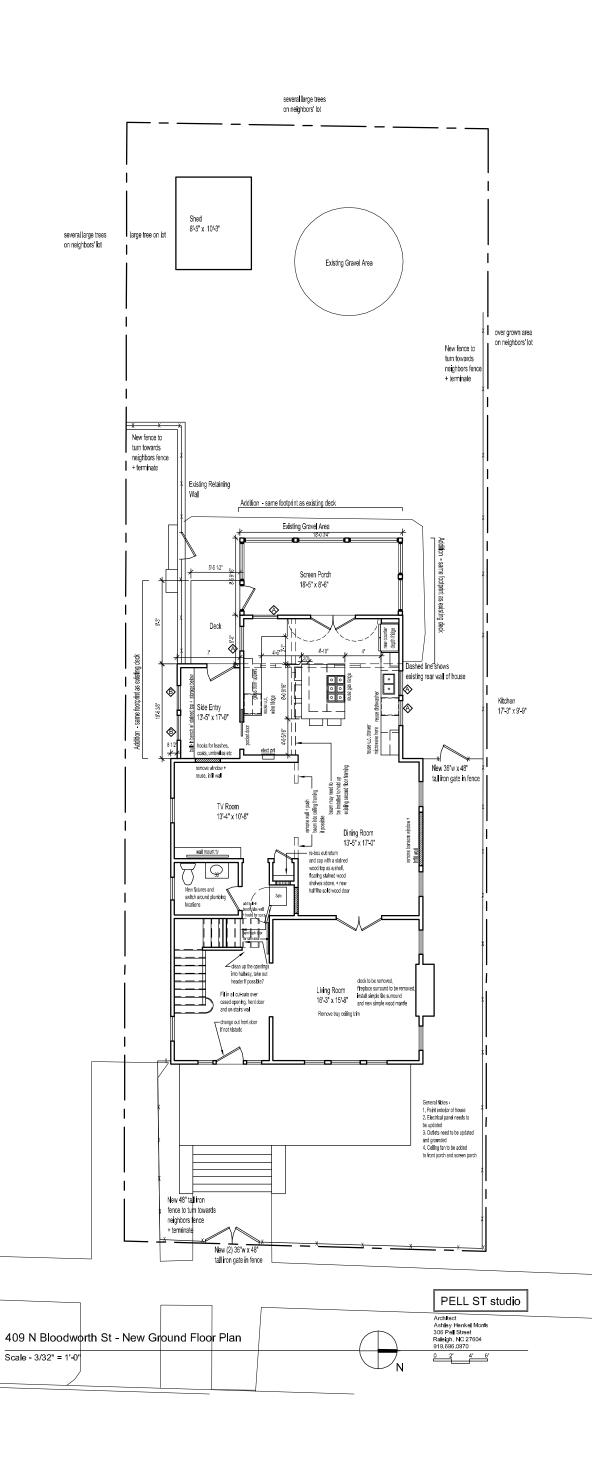


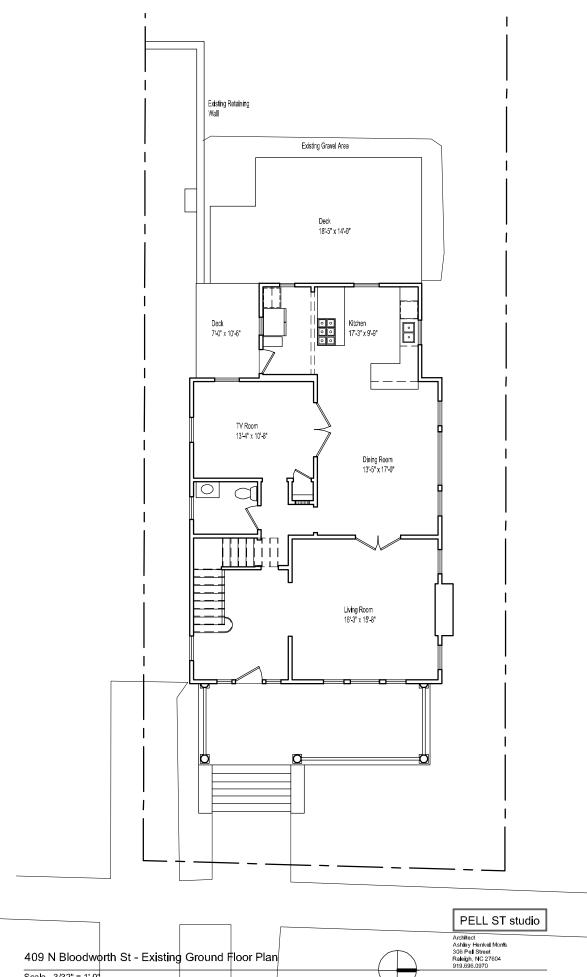
neighboring house 411 N BloodworthSt Oakwood Inn

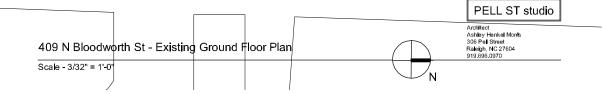


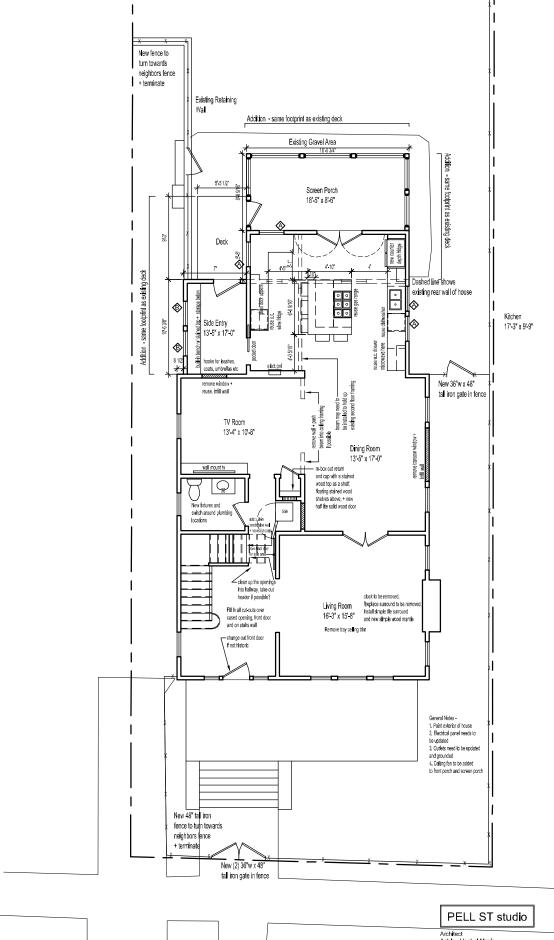


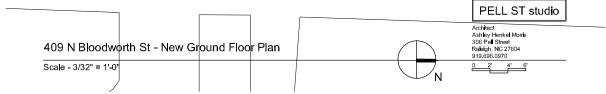


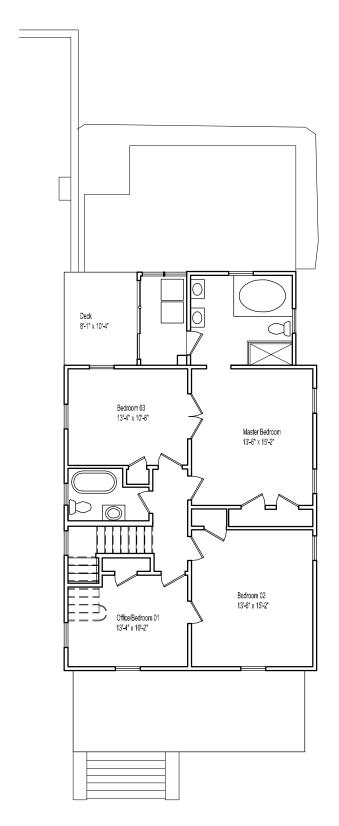








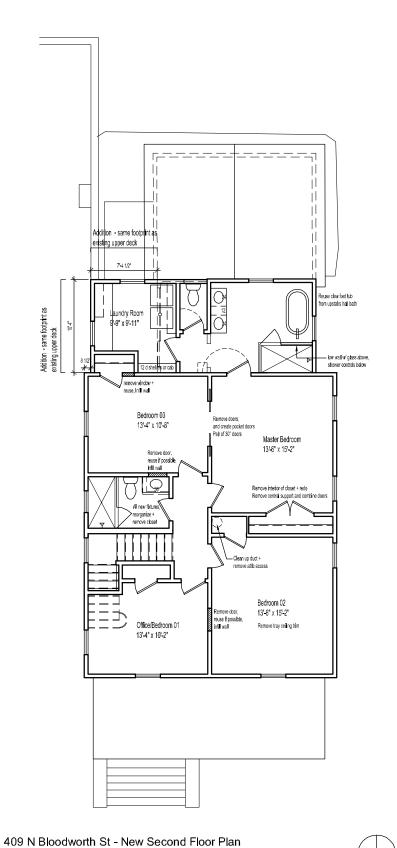




Architect
Ashley Henkel Monis
306 Pell Street
Raleigh, NC 27604
919.696.0970

409 N Bloodworth St - Existing Second Floor Plan

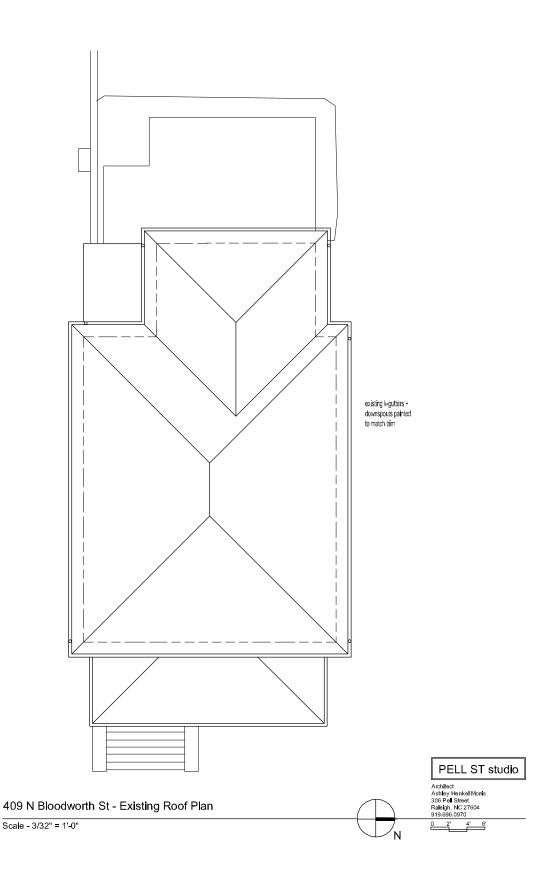
Scale - 3/32" = 1'-0"

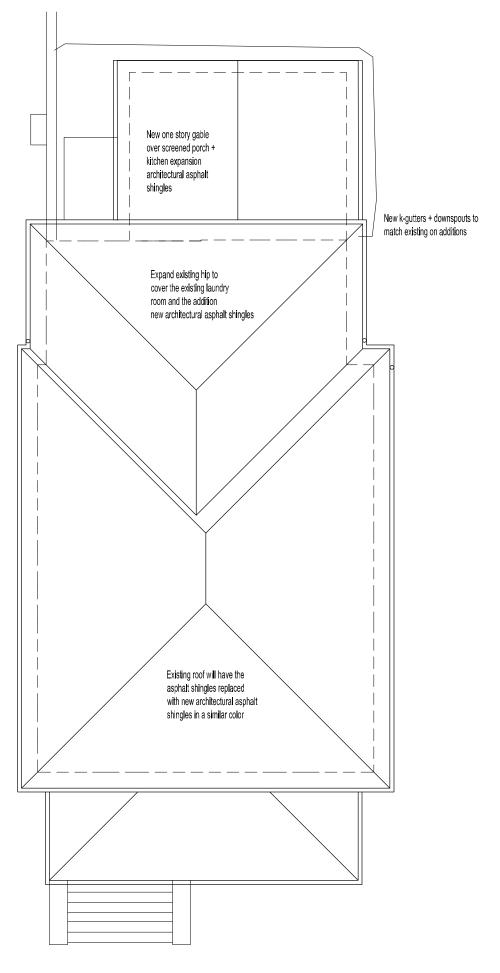


Architect Ashley Henkel Morris 306 Pel Street Raleigh, NC 27604 919.696.0970

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Architect Ashley Henkel Morris 306 Pell Street Raleigh, NC 27604 919.696.0970





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409 N Bloodworth St - Existing Front Elevation





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409 N Bloodworth St - New Front Elevation - No Change





409 N Bloodworth St - Existing Side Elevation

Scale - 1/8" = 1'-0"

PELL ST studio

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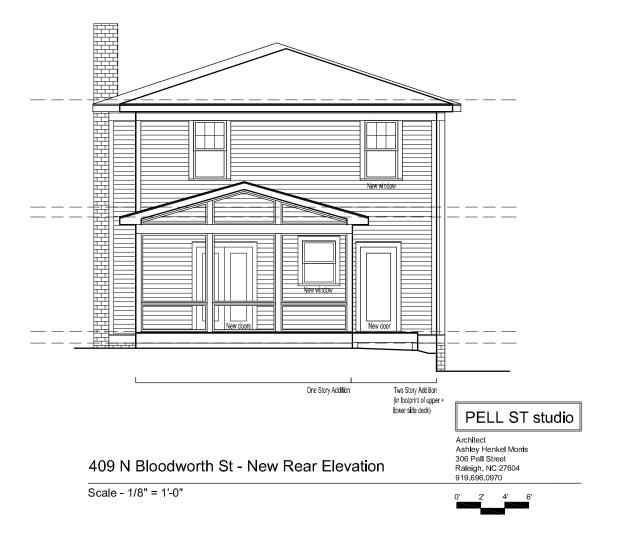




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409 N Bloodworth St - Existing Rear Elevation







PELL ST studio

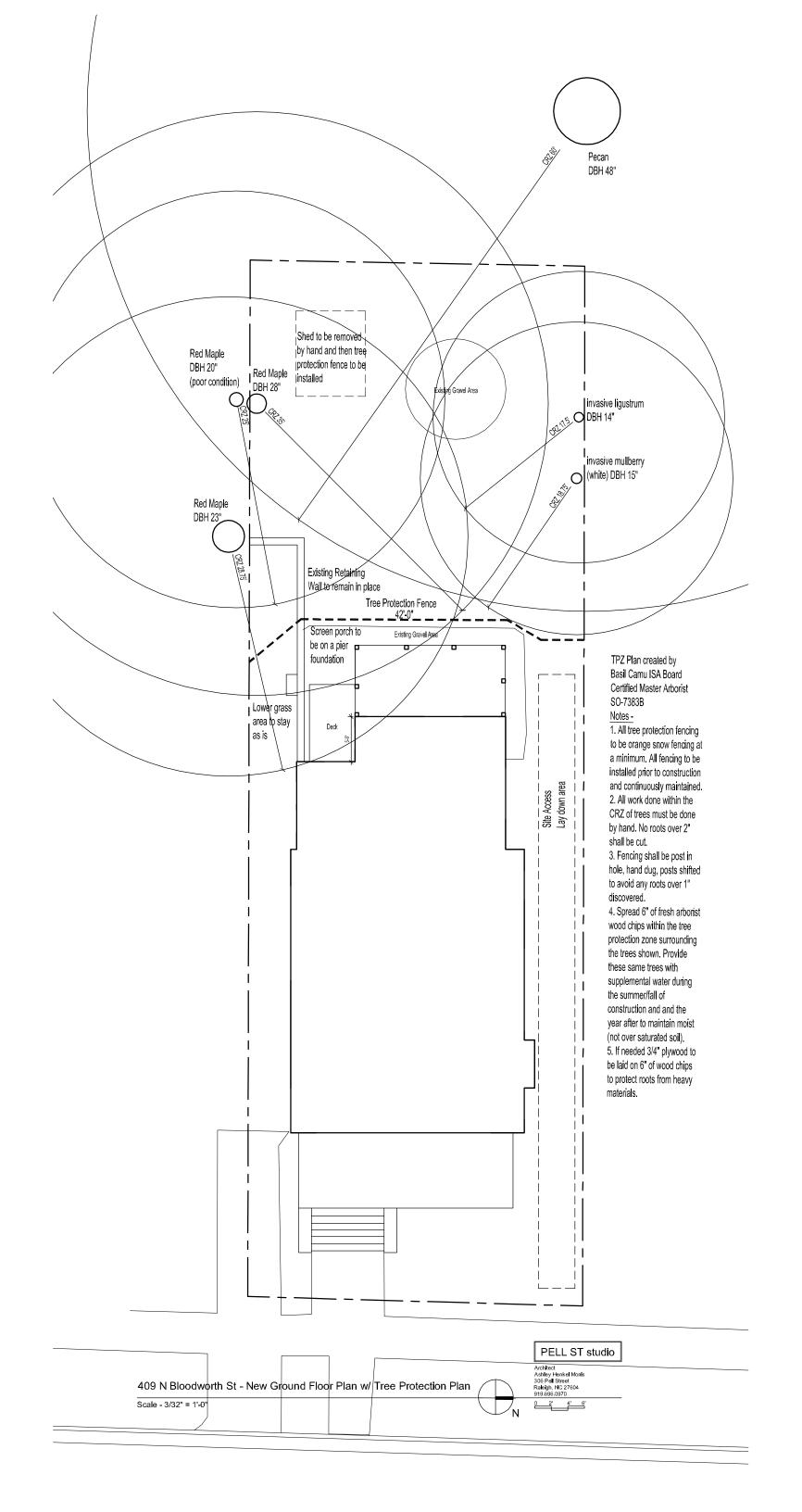
Architect Ashley Henkel Morris 306 Pell Street Raleigh, NC 27604 919.696.0970

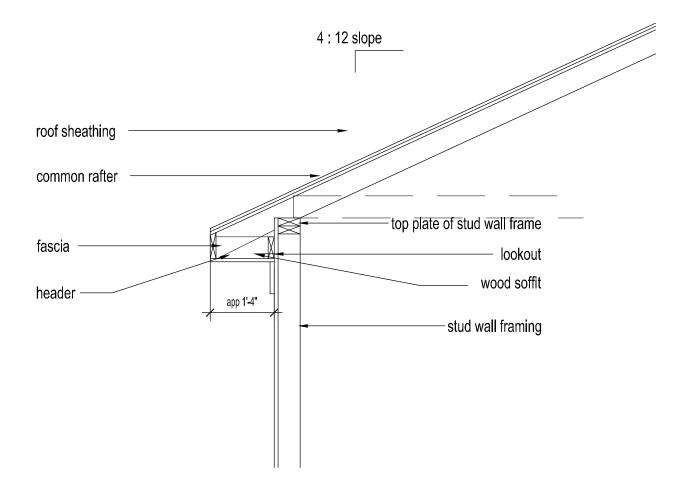
409 N Bloodworth St - Existing Driveway Side Elevation

Scale - 1/8" = 1'-0"









409 N Bloodworth St - New Eave Detail and Construction

Scale - 1/2" = 1'-0"

PELL ST studio

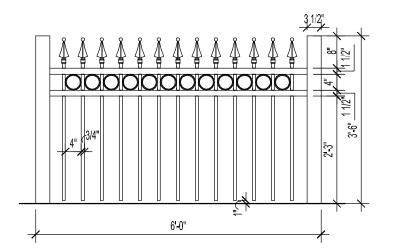
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0' 1' 2' 3'









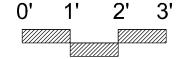
Black iron or black aluminum fencing

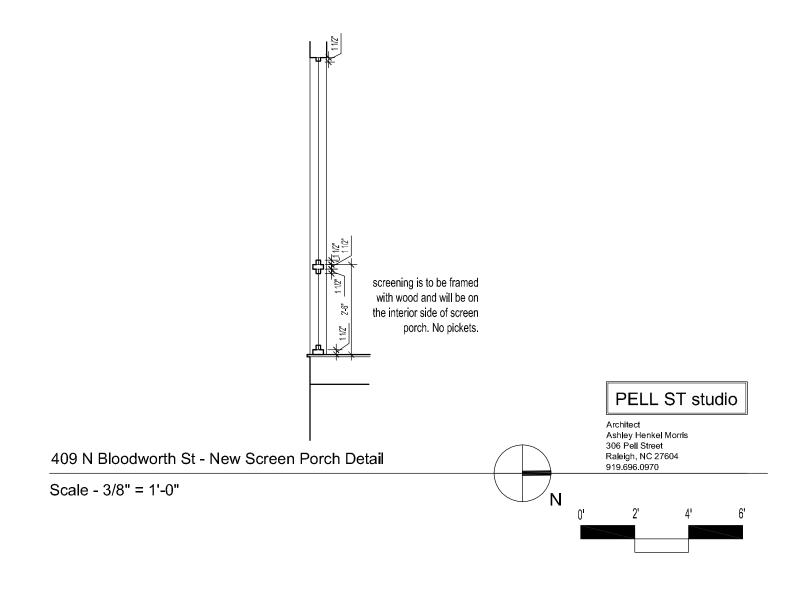
PELL ST studio

Architect Ashley Henkel Morris 306 Pell Street Raleigh, NC 27604 919.696.0970

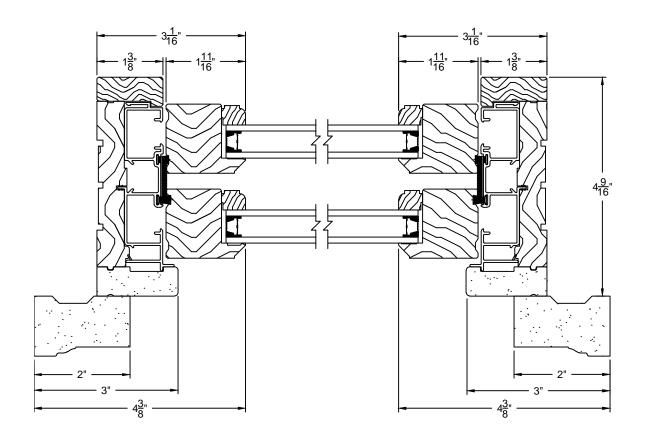
409 N Bloodworth St - New Fence Detail

Scale - 1/2" = 1'-0"





ble Hu	3.	5	,,,,,	X	- 20	24"	28"	32"	34"	36"	38"	40"	44"	
ations			/	ensi		21%"	25%"	29%"	31%"	33%"	35%"	37%"	41%"	
		1	Oil	oni	000	21%"	25%"	29%"	31%"	33%"	35%"	37%"	41%"	4
	/	10	0	8	e /	1'8"	2' 0"	2' 4"	2' 6"	2′ 8″	2' 10"	3′ 0″	3' 4"	- 3
9	ons Prime		A Oil	igh	pen	16"	20"	24"	26"	28"	30"	32"	36"	
		Ž,	1	351	Openi	55		* 7/8"	putty gri	lles				
		Н		2			_				_			_
34%	33"	32%"	2,6%"	12"	13 1/6"	囯								F
25	m	32	2,6	-	13	243/ 223	/ 253/ x 223/	203/ * 221/	213/ × 221/	225/ - 221/	253/ 2201/	273/+ 221/	443/ 6 201/	453/
ē		£	2.		= 0	21 76 X 32 7	25% × 32%	2978 X 3271	31% x 32½	33%x 32½	35% x 32½	37∜s x 32∜s	41%x 32½	45%
381/4	37"	36%"	2' 10%"	4	15%"	Ħ								Ħ
						213/8 x 364	25% x 36%	29%x 36½	313/4 x 361/2	33¾ x 36½	35% x 36%	37%x 36½	41%x 36½	45%
421/4"	41"	40%"	2.1%"	.9	171/4"									
4	4	4	ñ	-	17									
						21% x 40%	25% x 40½	29%x 40½	31% x 40%	33½x 40½	35% x 40½	37∜ax 40∜₂	41%x 40½	45%
46%	45"	44%"	179	18	19%,"									
4	4	4	'n	Ť	-		Ш			A				
						213/8 x 44 1/	25%x 44%	293/8 x 441/4	31% x 44%	33%x 441/2	35% x 44%	37%x 441/2	41%x 44%	45%
3.7		5	.,%01											
50%"	46"	48%"	3, 10	20″	21%"					C				
		7				21% x 48	25% x 48%	29¾x 48½	31¾x x48¼	33/4×481/2	35%x 48½	37∛ax 48∜₂	41¾x 48½	45%
		U	4											
541/1	53"	52%	4 21/4	22"	231/6"						HH			H
						Ш							407 500	150
						21% x 521	25%x 52%	29%x 52½	31% x 52½	3% x 52½	35% x 52%	37%x 52½	41%x 52½	45%
58%	57"	26%		24"	251/4"									
33	5	Š	4	7	25									
						21% x 564	25% x 56%	29%x 56½	31% x 56%	33½x 56½	35% x 56½	37∛ax 56√a	41¾x 56½	453/
- 12									*	·				
62%"	.19	3/09	4' 10%"	26"	27%"				++-					
~		9	4		2					В				
						21 % x 60 4	25½ x 60½	293/s x 603/s	31% x 60%	33½x 60½	35% x 60%	37¾x 60½	41%x 60½	45%
	Ш	4	b		4			*	*					
1/99	.59	64%	5'2%"	28″	29%"									
182		Ã	Q)	ń	1					4				
		П				21% x 64%	25% x 64½	29¾x 64½	313/6 x 641/2	33½x 64½	35% x 64½	37∛ax 64∜₂	41%x 64½	45%
			Н	h				*						
70%	.69		2, 6%,,	30,	311/2"									
7	v	9	2,	,	m			,,						
								201/201/	212/ 221/	227/ 201/	251/ 501/	27% - 571	443/ - 774/	4527
						21% x 68%	25% x 68%	29% x 68½	31% x 68½	33¾ x 68½	35% x 68%	37%x 68½	41%x 68½	45%
4-9														
74%"	73"	72%	5' 10%"	32"	33%"	+								
7			2	1	1									
				S	NARROW RAILS	213/s x 721/	25%x 721/2	293/6 x 721/2	31¾x 72½	33¾ x 72½	35∛ax 72½	373/8 x 721/2	41% x 72½	453/6
				WIDERAILS	W.	CL. 1	d 20 12	et UBC egi						
		UIJ		JE F	Z.					24" bainba	and American Company	security of Zing	0" header app	i





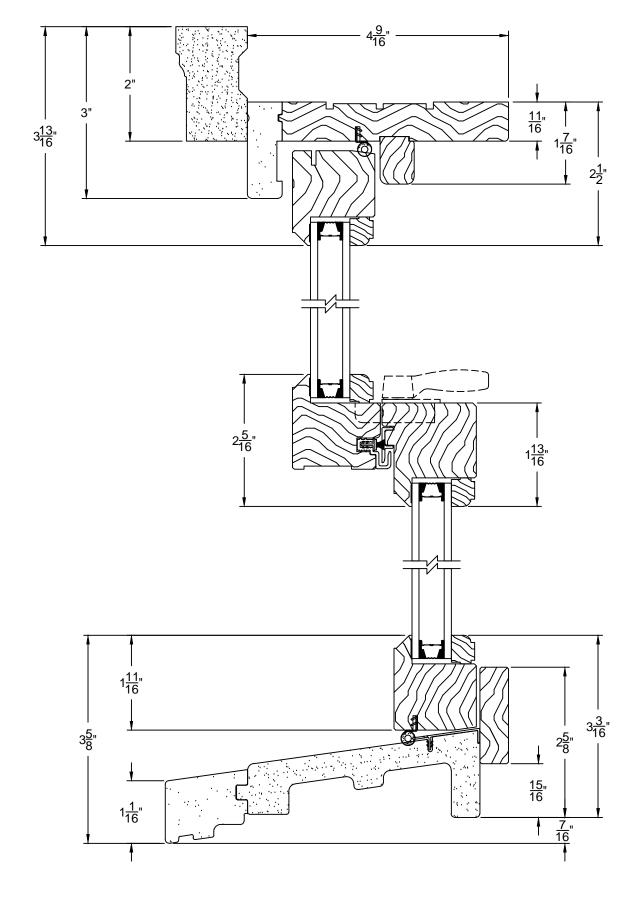
WOOD DOUBLE HUNG HORIZONTAL SECTION SCALE: 6" = 1' 0"

LINCOLN WOOD PRODUCTS, INC.

1400 W. TAYLOR ST.

Merrill,WI 54452

(715) 536-2461

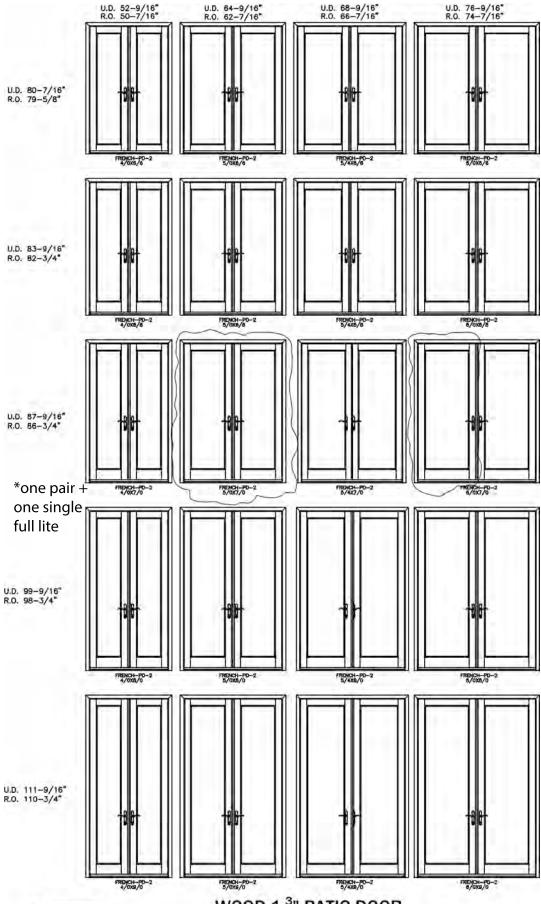




WOOD DOUBLE HUNG - NARROW RAILS VERTICAL SECTION SCALE: 6" = 1' 0"

1400 W. TAYLOR ST. Merrill,WI 54452

(715) 536-2461





WOOD 1-3" PATIO DOOR FRENCH IN-SWING ELEVATION SCALE: NONE

LINCOLN WOOD PRODUCTS, INC.

1400 W. TAYLOR ST.

Merrill,WI 54452

(715) 536-2461

Double H	lun	g	Un	it	_	24"	28"	32"	34"	36"	38"	40"	44"	48"
Elevation	S			جراخا	or_	21%"	25%"	29%"	31%"	33%"	35%"	37%"	41%"	45%"
			,0	ile V	ing/	21%"	25%"	29¾"	31%"	33%"	35%"	37¾"	41%"	45¾"
	S Prif		ough C)8e,	e /	1′ 8″	2' 0"	2′ 4″	2′ 6″	2′ 8″	2' 10"	3′ 0″	3′ 4″	3′ 8″
/	orit	ies,	ongli	Kigi	oper	16"	20"	24"	26"	28"	30"	32"	36"	40"
			/	راجي	oper Oper	55								
				کرک	,	_								
= = = = = = = = = = = = = = = = = = = =	34%"	321/2	2'6%"	12"	131/6"	21¾x 32½	25% x 32½	29 ³ / ₈ x 32 ¹ / ₂	313/8 x 321/2	333/8 x 321/2	353/8 x 321/2	373/8 x 32½	413/s x 321/2	453/s x 321/2
	38¼"	36%"	2' 10%"	14"	15%"	213/4 × 361/6	2536 x 3616	29% x 36½	31% x 36½	33% x 36½	353/8 x 361/2	37% x 36½	41% x 36½	453/8 x 361/2
5	42¼"	40%"	3' 2½"	16"	17¼"	2178 X 3072	2598X 3672	29/8 x 30/2	3178X 3072	33/8X 30/2	3578 X 3672	31983 3072	4178X 3072	4378 X 3072
5	46¼"		3, 61/2"	18"	19%"			29% x 40½ 29% x 44½	31%x 40½ 31%x 44½	33% x 40½ 33% x 44½	35% x 40½ 35% x 44½	37% x 40½ 37% x 44½	41%x 40½ 41%x 44½ 41%x 44½	45%x 40½ 45%x 44½
	50%"	181%	3′ 10%"	20"	211/6"				313/8 x x48 ¹ / ₂	33/8 x 481/2	35% x 48½	37% x 48½	41%x 48½	45% x 48½
1	54%"	52%"	4' 2½"	22"	23¼。"	21 ³ / ₈ x 52 ¹ / ₂	25%x 52½	293/s x 52½	31% x 52½	33/8 x 521/2	353/8 x 521/2	37% x 52½	413/8 x 52½	453/8 x 521/2
1	58%"		4' 6½"	24"	25%"									
1	61"		4' 10%"	26"	27¼,"			29% x 56½	31% x 56½ *	33% x 56½ *	35% x 56½	37% x 56½	41% x 56½	45% x 56½
	65"	64%"	5' 21/2"	28"	29%"			29% x 60½ *	31½ x 60½ *	33% x 60½	35% x 60½	37% x 60½	41% x 60½	45% x 60½
	/0/		5' 61/2"	30″	31%"			29% x 64½ *	31% x 64½	33% x 64½	35%x 64½	37%x 64½	41% x 64½	45% x 64½
1	73"	"%cZ	5' 10%"	32"	AILS 33%"			29% x 68½ 29% x 72½	31% x 68½ 31% x 72½	33% x 68½ 33% x 72½	35% x 68½ 35% x 72½	37% x 68½ 37% x 72½	41% x 68½	45% x 68½
				WIDERAILS	NARROW RAILS	Shaded • Grou	units med	et UBC egr * (5.0 sq. ft.	ress codes , 20" width,	24" height n	ninimum) in s	standard 6'10	41%x 72½ " header appl rd 6′10" heade	45%x 72½ ication er application

Double H	Hu	ıng	ع ل	J'n	it	_									
Elevation	าร	•	•		/.	or_	24"	28"	32"	34"	36"	38"	40"	44"	48"
					nens	·/	21%"	25%"	29%"	31%"	33%"	35%"	37%"	41%"	45%"
			زر/	^{ir} O'	, en	Up	21%"	25%"	29%"	31¾"	33%"	35%"	37%"	41%"	45%"
		e		%) ()\ ^{\'}	e/	1 8"	2' 0"	2' 4"	2′ 6″	2' 8"	2' 10"	3′ 0″	3′ 4″	3′ 8″
	/ Q	rim	80	360	Sash	or or open	16" \$5	20"	24"	26"	28"	30"	32"	36"	40"
	78¼"	77"	76%"	6' 2½"	34"	351/4,"	21¾s x 76½	253% x 76½	29% x 76½	31%x 76½	33½ x 76½	35% x 76½	37% x 76½	413/s x 761/2	45% x 76½
	82¼"	81"	.%08	9, 6%,	36"	37%"	213/.x 901/.	* 25% x 80½	203/v 901/v	31½ x 80½	33 ³ / ₄ x 80 ¹ / ₂	35%x 80½	37% x 80½	41% x 80½	45%s x 80½
	86¼"	89"	88½"	7' 2½"	40"	41%"									
	90¼"	93"	92½"	7' 6'½"	42"	ALS 431/6,"		25% x 88½ 25% x 92½ 25% x 92½		31 ³ / ₈ x 88 ¹ / ₂	33%x 88½ 33%x 92½ 33%x 92½	35% x 88½ 35% x 92½	37% x 88½	41% x 88½ 41% x 92½	45% x 88½ 45% x 92½
					WIDE RAILS	NARROW RAILS	Z178X 9Z72	2378X 9 272	∠±78X ₩∠¥2	3178X 3 272	3378 X 3 272	3078 X 9Z42	31 78 X 3 Z 72	4178 X 8272	4078X 9 272

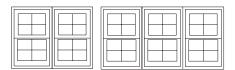
Unit Dimension given for primed units only

Clad Unit Dimension is identical to Frame Size

Masonry Opening: Recommended minimum of Unit or Frame Dimension plus $\ensuremath{\ensuremath{\mathbb{X}}}^{"}$

Shaded units meet UBC egress codes

- **Ground Floor *** (5.0 sq. ft., 20" width, 24" height minimum) in standard 6'10" header application
- Above Ground Floor (5.7 sq. ft., 20" width, 24" height minimum) in standard 6'10" header application



DOUBLE HUNG MULTIPLE UNIT FORMULA

Multiple unit Frame Dimension equals the sum of the individual boxes

Multiple unit Rough Opening equals the sum of the individual boxes plus $\ensuremath{\ensuremath{\mathcal{U}}}$ "

Clad Unit Dimension – Same as Multiple Unit Frame Dimension

Primed multiple Unit Dimension equals the total rough opening plus 2% in width and the total rough opening plus 1% in height

Masonry Opening: Recommended minimum of Unit or Frame Dimension plus ¼"

Double Hung Studio Unit Elevations

						4.411	5211	F / !!		(0)	7.11	2011	0.0#	104#
		Junit Rough		305		44"	52" 49%"	56"	64"	65%"	76" 73%"	80" 77%"	88" 85%"	104" 101%""
			sime	75.		41%"	49%"	53%"	61%"	65%"	73%"	77%"	85%"	101%
	/	Unit Rough))	enil		3' 4"	4' 0"	4' 4"	5' 0"	5' 4"	6' 0"	6' 4"	7' 0"	8' 4"
	nei	Silo		ame	ening	36"	44"	48"	56"	60"	68"	72"	80 ₈ "	96"
80		80/	Ž	%O	Pening Class									
			ر حرة	5.	Cir									
<u>"</u> 4	١	12"	0½"		<u></u>									
501/4"	49"	48%"	3, 10½"	41%"	43%"									
<u></u>		5.7	2½"	= <u>.</u>	₹	41 ³ / ₈ "x48 ¹ / ₂ '	" 49 ³ / ₈ "x48 ¹ / ₂ "	53%"x48½"	61¾"x48½"	653/s"x481/2"	73 ³ / ₈ "x48 ¹ / ₂ "	77 ³ / ₈ "x48 ¹ / ₂ "	85%"x48½"	101%"x48½"
541/4"	53"	52½"	4, 2	45%"	47%"									
						41%"x52½	" 49%"x52½"	53%"x52½"	61%"x52½"	65%"x52½"	733/8"x521/2"	77%"x52½"	85%"x52½"	101%"x52½"
581/4"	57"	261/2"		49%,"	21%"									
"		"	4	4	4)	41%"x56½	" 493/8"x561/2"	53%"x56½"	613/8"x561/2"	65%"x56½"	73 ³ / ₈ "x56 ¹ / ₂ "	773/8"x561/2"	85%"x56½"	1013/s"x561/2"
<u>-</u> 4	_]%	191	.									
621/4"	61"	.%09	4' 10%"	53%"	25%"									
						41%"x60½	" 493/8"x601/2"	53%"x60½"	613/s"x601/2"	653/8"x601/2"	733/8"x601/2"	77 ³ / ₈ "x60 ¹ / ₂ "	85%"x60½"	1013/8"x601/2"
	65"	64½"	2½"	57%,"	29%"									
9		9	52	2	2									
						41%"x64½	" 493/s"x641/2"	53%"x64½"	61%"x64½"	65%"x64½"	733/s"x641/2"	77%"x64½"	85%"x64½"	101¾"x64½"
7014"	,69	.7.89	5' 6½"	61%"	63%"									
						Ш								
			₹			413/8"x641/2"	" 49 ³ / ₈ "x64 ¹ / ₂ "	53 ³ / ₈ "x64 ¹ / ₂ "	613/s"x641/2"	653/8"x641/2"	733/8"x641/2"	773/8"x641/2"	85 ³ / ₈ "x64 ¹ / ₂ "	1013/s"x641/2"
741/4"	73"	72½"	5' 10½"	65%"	%2/9									
			2			Ш								
						41 ³ / ₈ "x72 ¹ / ₂ "	" 49 ³ / ₈ "x72 ¹ / ₂ "	53%"x72½"	61%"x72½"	65 ³ / ₈ "x72 ¹ / ₂ "	73¾"x72½"	773/8"x721/2"	85 ³ / ₈ "x72 ¹ / ₂ "	1013/s"x721/2"
781/4"	17	76%"	6' 2½"	.,%69	71%"									
			9	9										
						41%"x76½	" 49 ³ / ₈ "x76 ¹ / ₂ "	53%"x76½"	61%"x76½"	653/8"x761/2"	73 ³ / ₈ "x76 ¹ / ₂ "	773/8"x761/2"	853/s"x761/2"	1013/s"x761/2"
821/4"	81″	80%"	, 29 , 9	73%"	75%"									
ω		ω	9	_										
						413/8"x801/2	" 49¾"x80½"	53¾"x80½"	61¾"x80½"	653/8"x801/2"	73%"x80½"	773/8"x801/2"	853/8"x801/2"	1013/8"x801/2"
₹		E.,	2,1	=	₹									
1,706	86,"	88%"	7' 2½"	81%"	83%"									
						41%"x88½	" 49%"x88½"	53%"x88½"	61¾"x88½"	653/s"x881/2"	73%"x88½"	77 ³ / ₈ "x88 ¹ / ₂ "	85%"x88½"	1013/8"x881/2"
- 4	_	2,,	2,2	1,9	.									
941/4"	93"	92½"	7' 6½"	85%"	87%"									
						413/8"x921/2"	493/8"x92½"	533/8"x921/2"	61 ³ / ₈ "x92 ¹ / ₂ "	65 ³ / ₈ "x92 ¹ / ₂ "	733/8"x92½"	773/8"x92½"	853/8"x921/2"	1013/8"x921/2"
					م ا	4178 X9272	4578 X9Z72"	JJ7/8 X∀Z†/2"	O178 X9Z72"	∪⊃%8 X9Z½"	1 3 7/8 X9 Z 7/2"	1 1 7/8 XYZ72"	ου∜8 Χ9∠ ⁻ /2"	10178 X927/2"
				၂	KAII	Unit Dir	nension di	en for prin	ned units on	ly				
				WIDERAILS	NARROW RAILS		_	•						
				/IDE	ARR				cal to Frame					
				≯ ∶	Z	Masonr	y Opening	Recomme	nded minim	um of Unit or	Frame Dimen	sion plus ¼"		

1704807622

CINDRIC, MICHAEL A CINDRIC, SUSAN

MARGART

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1704807893

ROWE, WILLIAM DAVID ROWE, SUSAN

HUBBARD

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1704807959

HORSE NOSE VILLA LLC

415 N BLOODWORTH ST STE 1003

RALEIGH NC 27604-1591

1704805805

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HEATHER A 408 N PERSON ST RALEIGH NC 27601-1051 1704806559

TWISDALE, JACQUELINE ANN

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1704805912 RALEIGH CITY OF PO BOX 590

RALEIGH NC 27602-0590

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VILLA LLC

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Ρ

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1704809738

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VOUK, NIKOLA YADAV, MEETA 411 N BLOODWORTH ST RALEIGH NC 27604-1223

1704807887

MALONEY, MARGARET C 409 N BLOODWORTH ST RALEIGH NC 27604-1223