Nature of Project: Remove enclosed rear porch; construct new 2-story rear addition; install front stair rail; remove side porch; change side door to window; remove 3 trees.

APPLICANT: LEON & LAURA MALAHIAS
Raleigh Historic Development Commission – Certificate of Appropriateness (COA) Application

☐ Minor Work (staff review) – 1 copy
☐ Major Work (COA Committee review) – 10 copies
  ☐ Additions Greater than 25% of Building Square Footage
  ☐ New Buildings
  ☐ Demo of Contributing Historic Resource
  ☐ All Other

☐ Post Approval Re-review of Conditions of Approval

For Office Use Only

Transaction #: 502684
File #: 02117-CA
Fee: $47.00
Amount Paid: $47.00
Received Date: 2/16/17
Received By: McCoy

Property Address 602 E Lane St

Historic District Historic Oakwood

Historic Property/Landmark name (if applicable)

Owner's Name Leon + Laura Malahias

Lot size .12 acres  (width in feet) 48'  (depth in feet) 105'

For applications that require review by the COA Committee (Major Work), provide addressed, stamped envelopes to owners of all properties within 100 feet (i.e. both sides, in front (across the street), and behind the property) not including the width of public streets or alleys (Label Creator).

<table>
<thead>
<tr>
<th>Property Address</th>
<th>Property Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>223 Elm St</td>
<td>221 Elm St</td>
</tr>
<tr>
<td>229 Elm St</td>
<td>227 Elm St</td>
</tr>
<tr>
<td>601 E Lane St</td>
<td>226 Elm St</td>
</tr>
<tr>
<td>610 E Lane St</td>
<td>605 E Lane St</td>
</tr>
<tr>
<td>225 Elm St</td>
<td>525 E Lane St</td>
</tr>
<tr>
<td>218 Elm St</td>
<td></td>
</tr>
<tr>
<td>603 E Lane St</td>
<td></td>
</tr>
<tr>
<td>606 E Lane St</td>
<td></td>
</tr>
</tbody>
</table>
I understand that all applications that require review by the commission's Certificate of Appropriateness Committee must be submitted by 4:00 p.m. on the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

<table>
<thead>
<tr>
<th>Type or print the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Applicant</strong> Leon + Laura Malahias</td>
</tr>
<tr>
<td><strong>Mailing Address</strong> 602 E Lane St</td>
</tr>
<tr>
<td><strong>City</strong> Raleigh</td>
</tr>
<tr>
<td><strong>Date</strong> 2/1/2017</td>
</tr>
<tr>
<td><strong>Email Address</strong> <a href="mailto:lagurajast@gmail.com">lagurajast@gmail.com</a></td>
</tr>
<tr>
<td><strong>Applicant Signature</strong> [signature]</td>
</tr>
</tbody>
</table>

| Will you be applying for rehabilitation tax credits for this project? | Yes | No |
| 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](http://www.rhdc.org)).

<table>
<thead>
<tr>
<th>Section/Page</th>
<th>Topic</th>
<th>Brief Description of Work (attach additional sheets as needed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.2/55</td>
<td>Additions to Historic Bldgs</td>
<td>The addition will be constructed on the rear of the house. The addition will be placed where an enclosed porch sits currently and has been designed to be as tight as possible and still gain the much needed space for the home owners. This allows for the addition to not significantly change the proportion of built mass to open space. Neighboring houses have also added additions to the rear of their houses.</td>
</tr>
<tr>
<td>2.2/11</td>
<td>Archaeology:Guidelines</td>
<td>A tree protection plan and an arborist's statement has been submitted with the application. The home owners are requesting the removal of 3 trees due to their location and current conditions.</td>
</tr>
<tr>
<td>2.3/13</td>
<td>Site and Setting</td>
<td>New windows will be wood and clear panes of glass without grilles to match existing. All siding and trim to be artisan hardie and reflect historic dimensions of a 1912 house in Oakwood. The house is currently covered in vinyl. New door to be wood, 3/4 lite no grilles.</td>
</tr>
<tr>
<td>3.7/39</td>
<td>Windows + Doors</td>
<td>Home owners would like to add a wrought iron handrail down the middle of the front stairs for safety reasons. This will be thin and simple and functional.</td>
</tr>
<tr>
<td>3.8/43</td>
<td>Entrances + Porches</td>
<td></td>
</tr>
</tbody>
</table>

---

**Office Use Only**

Type of Work

2/58, 75, 85, 29, 57
**Minor Work Approval (office use only)**

Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until ________________. 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 ___________________________

<table>
<thead>
<tr>
<th>TO BE COMPLETED BY APPLICANT</th>
<th>TO BE COMPLETED BY CITY STAFF</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>YES</td>
</tr>
</tbody>
</table>

- Attach 8-1/2" x 11" or 11" x 17" sheets with written descriptions and drawings, photographs, and other graphic information necessary to completely describe the project. Use the checklist below to be sure your application is complete.

**Minor Work** (staff review) – 1 copy

**Major Work** (COA Committee review) – 10 copies

1. **Written description.** Describe clearly and in detail the nature of your project. Include exact dimensions for materials to be used (e.g. width of siding, window trim, etc.) ✗

2. **Description of materials** (Provide samples, if appropriate) ✗

3. **Photographs** of existing conditions are required. Minimum image size 4" x 6" as printed. Maximum 2 images per page. ✗

4. **Paint Schedule** (if applicable) ☐ ☐

5. **Plot plan** (if applicable). A plot plan showing relationship of buildings, additions, sidewalks, drives, trees, property lines, etc., must be provided if your project includes any addition, demolition, fences/walls, or other landscape work. Show accurate measurements. You may also use a copy of the survey you received when you bought your property. Revise the copy as needed to show existing conditions and your proposed work. ✗

6. **Drawings** showing existing and proposed work
   - Plan drawings ☐
   - Elevation drawings showing the façade(s) ☐
   - Dimensions shown on drawings and/or graphic scale (required) ☐
   - 11" x 17" or 8-1/2" x 11" reductions of full-size drawings. If reduced size is so small as to be illegible, make 11" x 17" or 8-1/2" x 11" snap shots of individual drawings from the big sheet. ☐

7. **Stamped envelopes** addressed to all property owners within 100 feet of property not counting the width of public streets and alleys (required for Major Work). Use the **Label Creator** to determine the addresses. ✗

8. **Fee** ([See Development Fee Schedule](#)) ✗
602 E Lane St Addition

The owners of 602 E Lane St would like to expand their neoclassical revival four square house on Lane St to include a mudroom, rear entry covered porch (which harkens back to the existing rear entry porch) and a master suite (with a much needed second bathroom) along with a laundry room on the second floor. The addition is located on the rear of the historic house and takes design and architectural forms from the existing historic house. The existing enclosed porch will be removed, due to the poor condition of the foundation and the proximity of the finish floor to the back yard grade. The addition will push out approximately 3’ further than the current enclosed porch. The addition will be wider but will inset 12” from both corners of the original house.

This house was built at the same time as 606 E Lane St and 610 E lane St. 602 E Lane St was re-clad in vinyl siding and trim, 606 E Lane St was re-clad in asbestos shingles and 610 E Lane St we think has their original siding and trim still intact so we have used this house as a basis of our assumptions of the original siding and trim sizes as well as the prevalent characteristics of these items throughout Oakwood.

The home owners in the future hope to remove the vinyl siding on the historic house and in anticipation of that we are proposing that the addition will have smooth faced Artisan Hardie siding with a 4.5” exposure. All new trim will match the historic trim that would be found on this house before it was clad in vinyl. Corner boards will be 5” wide with an eased edge, 1.75” wood sills, and 1” wood cap over the window and door trim. Windows will be wood, Jeldwen Siteline EX wood windows, one over one double-hungs and single full lite casements. The new windows will resemble in style and dimension the historic windows of the existing house (several of which have been replaced over time by previous owners). A brick foundation will be used for the addition to match the historic house. When the vinyl is removed off the rear portion of the house during construction of the addition, we will have a better understanding of what is still under the vinyl and in what condition it is. We may adjust the dimensions of the exterior materials in order to match what we find and resubmit these to the RHDC staff for approval.
The new roof for the addition will be a hip roof similar in form to the existing roof. The roofing material will be architectural asphalt shingles that will blend in color and tie in with the existing slate roof. Fascias, closed soffits and eaves will match existing. Overhangs are app. 20” for the existing main body of the house. The front porch and dormer overhangs appear to be app 12”. The addition overhangs will be 12” to set the addition a part from the historic structure.

The rear entry door will be a wood ¾ lite door painted to match the front door. We are proposing to remove the side entry door and side porch that were added after the character defining period of Oakwood when the house was used as a duplex. The side door will be replaced with a window.

Separate from the addition but in this application, the home owners would like to request the removal of three trees from the back yard. Two are up against the fence and flank the driveway. The two trees appear to be in a compromised state, the tree closest to the house has a split trunk and the one closest to the rear property line has lost a significant amount of branches and has tried to re-orient itself for more light. These are marked for removal on the tree protection plan as well as the large black walnut tree in the center of the back yard. The home owners eventually would like to put a small one car garage in the rear yard and create a more landscaped rear yard. The location of the tree makes this difficult. See attached arborist’s report for more information. There appears to be a brick retaining wall buried right at the edge of the tree trunk facing the house which the tree has adapted to by developing the majority of its root structure to the rear portion of the yard.

Home owners would also like to add a thin wrought iron handrail to run down the middle of the front steps for safety reasons. This can be added in a less obtrusive way to protect the integrity of the historic steps.
1935 RCD: Lawrence J. Smith
1940 RCD: Willard Y. Currin
1948 RCD: Ernest A. Green, employee State Commission for the Blind, wife Olivia
1948 thru 51 RCD: Ernest Green, Green’s Baby Shop
1950 Sanborn: same as 1914 but composition roof, rear extended slightly [actually a lattice porch]
1957 RCD: Ernest A. Green
1963 RCD: Ernest A. Green
1968 RCD: Olivia S. Green
1973 RCD: Olivia Green
2012 wakegov: similar to 1950 but back porch enclosed

—WA6859 602 E. Lane St. Edwards-Hinge House c.1912 This Neoclassical Revival frame foursquare and the two similar houses at 606 and 610 E. Lane were built for Cornelius Bryant Edwards, one of the founders of Edwards & Broughton Printers, vice-president of Mechanics Savings Bank, and a minor developer. It has long been believed that Edwards bought these houses as kits from the Sears catalog for $650 each, but this cannot be verified. The first residents of this house were Goodman and Ida Lazarus; he was co-proprietor of Kline and Lazarus department store on Wilmington St.; he bought the house at 525 E. Lane in 1914. This house has a hipped roof sheathed in the original slate shingles with tere metal flashings and finials. There is a hipped-roof dormer in the front, with a double window with lozenge panes in the upper sashes. The front porch has a hipped roof supported by three square-section columns with a square-section balustrade. The partially glazed front door is set in a recess, and has a transom. Most windows are one-over-one. There are stone-capped brick knee walls astride the front steps. There is a back porch, most of which was enclosed after 1950. In c.1946 the house was divided into two apartments. A door to the upper apartment was added on the right side of the house, with a small porch. The upper apartment was numbered 223 Elm St. In c.1980, the house was sided with vinyl. It was returned to a single dwelling in 1993 by Graham and Margaret Poor. The interior was thoroughly restored in 2004-08 by Joe and Jodi Hinge. However, the side door and porch remain.

112:483 these 3 houses are lots 70 & 71 on Heck plat map, but those lots were only 102’ along Lane St.
214:534 George C. & Eugene Heck to T. B. Wilkinson Apr 21, 1897 southern half of what is now 602 & 606 E. Lane, but only 102’ deep
220:259 Thomas B. & Katie Wilkinson to Robert N. Simms Sep 18, 1907 $500 223 & 225 Elm & southern half of what is now 602, 606, 610 Elm, 132’ deep
220:260 John W. Cheek to R. N. Simms Sep 21, 1907 $250 northern half of what is now 602, 606, 610, 132’ deep
231:400 R. N. Simms to Evelyn Moseley Sep 21, 1908 “second parcel” is lot 70 of Heck plat map – northern half of what are now 602, 606, 610 – 52’ on Elm, 132’ on Lane; “third parcel” is lot 71 – southern half of those lcts – 52’ on Elm, 132’ on Lane
259:579 T. B. & Evelyn Moseley to C. B. Edwards Feb 6, 1912 All three lots 132’ on Lane x 105’ on Elm, p/us “all their right, title & interest in the 20’ alleyway which bounds the above lots on the east.”
547:186 C. B. Edwards to Nora D. Wood 1928 just this lot, 48’ wide
556:555 Nora & Eugene Wood to Lottie Lewis, trustee 1928
795:79 Lottie Lewis, trustee. to Wake County 1938
894:595 Wake County to Milton Pegram 1943
898:691 Milton Pegram to W. H. Finch 1944
942:389 W. H. Finch to Alredges & Meachums
998:491 Alredges & Meachums to Ruth Stallings Howard 1948
2497:339 Ruth Stallings Howard to Miriam & Norman Neer 1977
3474:670 Neers to Moores 1985
3899:643 Moores to John Connors 1986 [He was City Naturalist who led establishment of Durant Nature Park and Horseshoe Farm.]
5853:009 John Connors to Graham & Margaret Poor Oct 29, 1993
10920:992 Poors to Joe & Jodi Hinge Jul 14, 2004 $246K
1911-12 RCD: No listing
1913-14 RCD: Goodman Lazarus, propr Kline & Lazarus Department Store
1914 Sanborn: rectangular footprint, small back porch, slate roof
1915-16 RCD: Joseph S. Wiggs, building contractor
1922-23 RCD: Joseph S. Wiggs
1924 RCD: Joseph S. Wiggs & Arthur Polier
1925 RCD: Arthur Polier, salesman at Kline & Lazarus
1930 RCD: John G. Nichols, Perry J. Benton
1935 RCD: Burt L. Hall
1940 RCD: J. Herman Jordan
1948 RCD: Daniel H. Johnson. (Carl D. Watson at “228 Elm,” which must have been the side door to this house. Duplex 224-226 not yet built.)
1950 Sanborn: same as 1914
1957 RCD: Edna Howard at 602; 228 Elm is vacant
1961 RCD: Edna Howard
1963: 228 Elm is vacant
1968 RCD: Willie Barbera
1973 RCD: Jerry Taylor
1976 RCD: vacant
1979 RCD: vacant
2012 wakegov: similar to 1950, part of back porch enclosed into shed, little porch on front part of right side

WA6860 603 E. Lane St. John Herbert Buffaloe House c.1910 This Queen Anne frame cottage was built for John Herbert Buffaloe and his wife Rosa. He was co-proprietor of Rudy & Buffaloe Grocery on Hargett St. She was the daughter of Italian immigrants. They had three daughters and a son. The family lived here until they built the house at 605 E. Lane in 1923. From 1933 to 1940 this was the home of Rabbi Israel Rubenstein and his family. The house has a steeply-pitched hipped roof which was originally sheathed in wooden shingles. There is a hipped-roofed dormer in the front with a window with small square panes surrounding a central pane. There is a shallow gabled projection on the leeward side of the front, and there are gabled projections on the right side of the house, and the rear. The gables are pedimented and have louvered attic windows. The front porch wraps around the right side of the house to meet the projection. It has a hipped roof supported by seven turned posts with brackets and a particularly fine turned balustrade. The front door has a window with elaborate etching with the house number. The door also has a transom. Most windows are one-over-one. There is a small back porch. There is a full partially-finished basement. The house was initially restored by Barbara Wishy in 1978-79. It was fully restored by Jack and Ann Petro in 1979-89. The attic was finished into rooms in 1989.
Plaque application: John Herbert Buffaloe House c.1910 Margie Rose Buffaloe Hathaway, daughter of John H. Buffaloe, was born in the new house on Nov 9, 1911.
112:483 May 27, 1891 Lot 69 is on corner of Lane & Elm, fronting Elm. Lot 68 is just to the north of 69. This is eastern half of those two lots
142:277 Mattie A. Heck to Alonzo R. Love Oct 1, 1897 $150 lot 69. (But it erroneously says it starts at southeast corner of Lane & Elm)
142:278 Geo. C. Heck to Alonzo R. Love Oct 1, 1897 $100, lot 68
248:134 A. R. & w Harry Love to John H. Buffalo Feb 19, 1910 $500 this lot
John Herbert Buffaloe died 1934. His widow Rosa Buffaloe died 1945
953:217 Paul Buffaloe, exctr will of John Herbert Buffaloe, other Buffaloes to Pauline Buffaloe Poole Sep 24, 1946 $5500
2615:297 Paul & Pauline Buffaloe Poole to Bernard & Barbara Wishy May 1, 1978 $15K
2734:187 Wishys to Cantrals May 1979 $48K
3326:722 Cantrals to John & Ann Petro Jul 31, 1984 $28K
1909-10 RCD: No listing
1911-12 RCD: John H. Buffaloe, grocer at Rudy & Buffaloe, which is on Hargett St.
1914 Sanborn: main section, small back porch partly under main roof, wooden shingle roof
c.1915 photo owned by Petros shows this house, with details similar to 2014. Wooden shingle roof with tin ridge caps. Medium body color, light trim, dark shutters, black window sashes.
1920 census: J. H. & Rosa Buffaloe, ages 39 & 38, she is daughter of Italian immigrants. He is grocer. Children Martha, Pauline, Margie Rose, nephew Frank Hodge
1922-23 RCD: J. H. Buffalo
1925 RCD: C. F. Lewis
1930 RCD: F. Bruce Martin
602
E Lane St

Vinyl siding close up and close up of the foundation under the existing enclosed porch at rear of house
602 E Lane St

Rear neighboring house and the black walnut tree
602 E Lane St

Side neighboring house and the black walnut tree with brick showing at root system
602 E Lane St

Trees flanking driveway that are being requested for removal
602
E Lane St

Wrought iron rail to be similar to the metal rail shown here

added for safety reasons
From: Kelly Godwin <kelly.godwin@leaflimb.com>
Date: Mon, Jan 23, 2017 at 11:34 AM
Subject: Walnut tree
To: Laura Malahias <laurajost@gmail.com>
Cc: Joseph Joyner <joe.joyner@leaflimb.com>

Hello Laura,

I appreciate your patience while we put together for you. You may have anyone that is involved in the plans or the city contact me if there is more information necessary.

Crown Health:

-32” Walnut tree at the back property appears to have a healthy crown and the client has shown a maintenance interest by removing dead limbs. There is a 14” co-dominant stem with a prominent area of inclusion at an approximate height of 20’. This stem makes up approximately 25% of the canopy and is more susceptible to failure then a properly collared limb. This stem should be removed or (at a minimum) supported with the addition of a steel cable system.

Root Collar Excavation:

Root collar excavation was performed under the supervision of a Certified Arborist on 1/17/17 with the findings listed below:

- During excavation, we found a double row brick wall, several layers deep, flush up against the tree.

- Instead of a girdling root causing the abnormal flare development, it was the wall.

- The flare and root zone is definitely underdeveloped on the backside of the tree

- The tree appears to have grown to adapt and account for the presence of the wall by bolstering the other buttress roots

- There is a small (12inch by 12inch) patch of bark on the root flare that has rotted. It appears to be only sapwood rot at this time, and localized to this small area. Directly beneath (approximately 6 to 12 inches down) this area of sapwood decay was a brick that was pressed up against the trunk

Arborist Comments: Tree appears structurally sound, and there is no visual indicator of root disease, significant decay, or anything else leading me to think the tree would be likely to fail under normal weather conditions.

Construction Notes:

- The construction footprint of the planned garage will seriously reduce the critical root zone of this tree.
- This loss of anchorage, lack of root flare and an underdeveloped root zone will seriously put this tree at risk for failure.

- The loss of critical root zone will put this tree at risk of construction related stress and decline.

**Final Conclusion:** Taking the planned construction into account we recommend the removal of this tree.

Kelly Godwin, CTSP  
ISA Certified Arborist - MA-4020A  
Leaf & Limb  
www.leaflimb.com  
511 Nowell Road  
Raleigh, N.C. 27607 USA  
Tel: (919) 787-9551  
Cell: (919) 451-3242
602 E Lane St - Existing Second Floor Plan 948 SF

Scale - 1/8" = 1'-0"
602 E Lane St - Existing Roof Plan

Scale - 1/8" = 1'-0"
602 E Lane St - New Roof Plan

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

PELL ST studio

Architect
Ashley Henkel Morris
300 Pell Street
Raleigh, NC 17604
919.698.0029
602 Lane St - Existing Front Elevation

Scale - 1/8" = 1'-0"
602 Lane St - New Front Elevation

Scale - 1/8" = 1'-0"
New addition to be a raised slab w/ brick foundation due to grade

Addition

602 Lane St - New Side Elevation
Scale - 1/8" = 1'-0"
602 Lane St - Existing Side Elevation

Scale - 1/8" = 1'-0"
602 Lane St - Existing Side Street Elevation

Scale - 1/8" = 1'-0"
602 Lane St - New Side Street Elevation
Scale - 1/8" = 1'-0"
602 Lane St - Existing Rear Elevation

Scale - 1/8" = 1'-0"
602 Lane St - New Rear Elevation
Scale - 1/8" = 1'-0"
602 E. Lane St - New Eave/Soffit Detail

Scale - 3/8" = 1'-0"
602 E. Lane St - Window Trim Dimensions

Scale - 3/8" = 1'-0"
### 1-WIDE UNITS

<table>
<thead>
<tr>
<th>M.O. BRICKMOULD</th>
<th>M.O. ADAMS/FLAT CASING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROUGH OPENING</td>
<td>DAYLIGHT OPENING</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>21 1/2&quot;(546)</td>
<td>12 3/16&quot;(355)</td>
</tr>
<tr>
<td>23 1/2&quot;(597)</td>
<td>14 3/16&quot;(365)</td>
</tr>
<tr>
<td>23 1/2&quot;(599)</td>
<td>14 3/16&quot;(365)</td>
</tr>
<tr>
<td>31 1/2&quot;(800)</td>
<td>18 3/16&quot;(465)</td>
</tr>
<tr>
<td>31 1/2&quot;(851)</td>
<td>22 3/32&quot;(563)</td>
</tr>
<tr>
<td>35 1/2&quot;(902)</td>
<td>26 3/32&quot;(663)</td>
</tr>
<tr>
<td>39 1/2&quot;(1003)</td>
<td>30 3/32&quot;(764)</td>
</tr>
</tbody>
</table>

**Note:** Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

**ELEVATION SYMBOL LEGEND:***

- M.O. = MASONRY OPENING
- VALUES IN ( ) ARE IN MILLIMETER CONVERSIONS
- E = UNIT MEETS ENERGY REQUIREMENTS FOR IRC, CCD, STATE AND LOCAL CODES MAY DIFFER, ALWAYS REFER TO LOCAL BUILDING CODES FOR COMPLETE REQUIREMENTS. CHECK WITH LOCAL OFFICIALS TO ENSURE COMPLIANCE BEFORE INSTALLING THE UNIT.
- S = AVAILABLE AS STATIONARY ONLY.
- #* INDICATES DESIGN PRESSURE (DP) RATINGS WITH STANDARD GLAZING
- #** INDICATES OPTIONAL DESIGN PRESSURE (DP) RATINGS

**SCALE 1/4" = 1'**
## Siteline EX Primed Casement Windows
### Premium Wood

### 1-WIDE UNITS

<table>
<thead>
<tr>
<th>M.O. BRICKMOULD</th>
<th>M.O. ADAMS/FLAT CASING</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 1/2&quot; (546)</td>
<td>12 3/8&quot; (327)</td>
</tr>
<tr>
<td>24 1/2&quot; (622)</td>
<td>14 3/32&quot; (358)</td>
</tr>
<tr>
<td>26 1/2&quot; (899)</td>
<td>18 3/4&quot; (476)</td>
</tr>
<tr>
<td>29 1/2&quot; (995)</td>
<td>20 3/8&quot; (520)</td>
</tr>
<tr>
<td>30 1/2&quot; (851)</td>
<td>22 3/32&quot; (561)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FRAME SIZE</th>
<th>DAYLIGHT OPENING</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 1/2&quot; (546)</td>
<td>12 3/32&quot; (327)</td>
</tr>
<tr>
<td>24 1/2&quot; (622)</td>
<td>14 3/32&quot; (358)</td>
</tr>
<tr>
<td>26 1/2&quot; (899)</td>
<td>18 3/4&quot; (476)</td>
</tr>
<tr>
<td>29 1/2&quot; (995)</td>
<td>20 3/8&quot; (520)</td>
</tr>
<tr>
<td>30 1/2&quot; (851)</td>
<td>22 3/32&quot; (561)</td>
</tr>
</tbody>
</table>

### Elevation Symbol Legend:
- M.O. = Masonry Opening
- Values in are in millimeter conversions
- Unit meets egress requirements for IRC Code, State and Local Codes may differ. Always refer to local building codes for complete requirements.
- Check with local officials to ensure compliance before installing the unit.
- S = Available as stationary only.
- **R** = Indicates design pressure (DP) rating with standard glazing.
- **RR** = Indicates optional design pressure (DP) rating.

Note: Elevations shown do NOT save exterior trim. Substruct 1/2" (12.7) from M.O. (Masonry Opening) for unit sizes. Masonry Openings above include sill nose. See Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

**Scale**: 1/4" = 1'
# Siteline EX Primed Double-Hung Windows

## Premium Wood

### 1-WIDE UNITS

<table>
<thead>
<tr>
<th>M.O. BRICKMOULD</th>
<th>M.O. ADAMS/FLAT CASING</th>
<th>ROUGH OPENING</th>
<th>FRAME SIZE</th>
<th>DAYLIGHT OPENING</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>28 1/2&quot; (720)</td>
<td>31 1/2&quot; (800)</td>
<td>22 1/8&quot; (568)</td>
<td>14 13/16&quot; (418)</td>
</tr>
<tr>
<td>27</td>
<td>31 1/2&quot; (800)</td>
<td>33 1/2&quot; (840)</td>
<td>22 1/8&quot; (568)</td>
<td>14 13/16&quot; (418)</td>
</tr>
<tr>
<td>22</td>
<td>26 1/8&quot; (664)</td>
<td>29 1/8&quot; (740)</td>
<td>22 13/16&quot; (590)</td>
<td>24 13/16&quot; (630)</td>
</tr>
<tr>
<td>21 1/4&quot; (540)</td>
<td>25 3/4&quot; (660)</td>
<td>29 1/8&quot; (740)</td>
<td>22 13/16&quot; (590)</td>
<td>24 13/16&quot; (630)</td>
</tr>
<tr>
<td>14 13/16&quot; (418)</td>
<td>18 13/16&quot; (470)</td>
<td>22 13/16&quot; (590)</td>
<td>24 13/16&quot; (630)</td>
<td>26 13/16&quot; (660)</td>
</tr>
</tbody>
</table>

**ELEVATION SYMBOL LEGEND:**
- M.O. = MASONRY OPENING
- E = ELEVATIONS REQUIRED FOR VFRC CODE AND LOCAL CODES MAY DIFFER; ASSUMES REFER TO LOCAL BUILDING CODES FOR COMPLETE REQUIREMENTS. CHECK WITH LOCAL OFFICIALS TO ENSURE COMPLIANCE BEFORE INSTALLING THE UNIT.
- *** INDICATES DESIGN PRESSURE OPERATING WITH STANDARD GLAZING
- **** INDICATES OPTIONAL DESIGN PRESSURE (BP) RATING

**Note:** Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

**SCALE** 1/4" = 1'

---

Architectural Detail Manual
August 2010

JELD-WEN reserves the right to change specifications without notice.
7501 — THERMAL SASH (TDL)

SERIES: Exterior French & Sash Doors
TYPE: Exterior French & Sash
APPLICATIONS: Can be used for a swing door, with barn track hardware, with pivot hardware, in a patio swing door or slider system and many other applications for the home's exterior.

Construction Type:
Engineered All-Wood Stiles and Rails with Dowel Pinned Stile/Rail Joinery

Panels: 1-7/16" Innerbond® Double Hip-Raised Panel
Glass: 3/4" Insulated Glazing

STANDARD FEATURES
- Any Wood Species
- Virtually Any Size
- Glass Options
- Privacy Rating: 1

DETAILS

1 7/16" Innerbond Panel
Rail
Glazing Bead
Sticking
3/4"
Insulated Glazing
(Standard)

3/4" Flat Panel
Rail
Glazing Bead
Sticking
3/4" Insulated Glazing
(Optional)