RHDC
RALEIGH HISTORIC
DEVELOPMENT COMMISSION

Certificate of Appropriateness Placard

for Raleigh Historic Resources

515 N BLOUNT STREET
Address

BLOUNT STREET
Historic District

LEWIS-SMITH HOUSE
Historic Property

021-14-MW
Certificate Number

3/6/2014
Date of Issue

3/6/2015
Expiration Date

This card must be kept pasted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the Inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.

Project Description:

- Renew COA 006-13-CA

Signature, _____
Raleigh Historic Development Commission

Planning & Development

Development Services Customer Service Center
One Exchange Plaza, Suite 400
Raleigh, North Carolina 27601
Phone 919-516-2495
Fax 919-516-2685

Raleigh Historic Development Commission – Certificate of Appropriateness (COA) Application

RHDC
RALEIGH HISTORIC DEVELOPMENT COMMISSION

- ☑ **Minor Work (staff review) – 1 copy**
- ☐ **Major Work (COA Committee review) – 14 copies**
  - ☐ **Most Major Work Applications**
  - ☐ **Additions Greater than 25% of Building Square Footage**
  - ☐ **New Buildings**
  - ☐ **Demo of Contributing Historic Resource**
- ☐ **Post Approval Re-review of Conditions of Approval**

For Office Use Only

Transaction # 389567
File # 021-14-MW
Fee $28-
Amt Paid $28-
Check # 21453
Rec'd Date 2/28/14
Rec'd By Rodds

If completing by hand, please use **BLACK INK**. Do not use blue, red, any other color, or pencil as these do not photocopy.

Property Street Address	515 North Blount Street			
Historic District	Blount Street Historic District			
Historic Property/Landmark name (if applicable)	Lewis-Smith House			
Owner's Name	J.T. Hobby & Son, Inc			
Lot size	0.32 Acre	(width in feet)	81.25 Feet	(depth in feet) 189.25 Feet

For applications that require review by the COA Committee (Major Work), list all properties within 100 feet (i.e. both sides, in front (across the street), and behind the property):

Property Address	Property Address

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.

Type or print the following:			
Applicant	Owners Agent: Steven D. Schuster FAIA		
Mailing Address	311-200 West Martin Street		
City Raleigh	**State** North Carolina	**Zip Code** 27601	
Date January 16, 2013	**Daytime Phone** 919-821-2775		
Email Address sschuster@clearscapes.com			
Signature of Applicant			

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 3/6/15. 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 work projects not approved by staff will be forwarded to the Certificate of Appropriateness Committee for review at the next scheduled meeting.

Signature _____ **Date** 3/6/14

Project Categories (check all that apply):

- ☑ **Exterior Alteration**
- ☑ **Addition**
- ☐ **New Construction**
- ☐ **Demolition**

Will you be applying for state or federal rehabilitation tax credits for this project?

- ☐ **Yes**
- ☑ **No**

(Office Use Only)

Type of Work 91

Renew COA 006-13-CA

Design Guidelines Please cite the applicable sections of the design guidelines (www.rhdc.org).

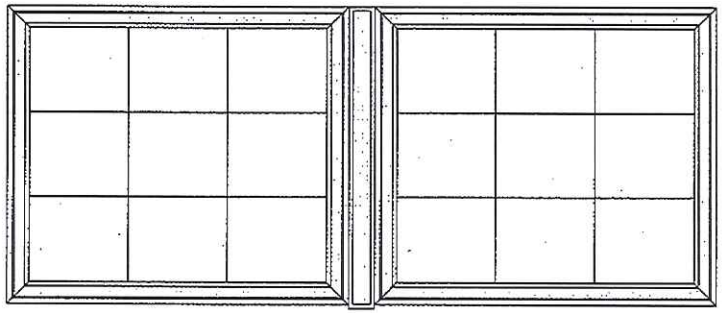
Section/Page	Topic	Brief Description of Work
3.7.6	REPLACEMENT WINDOWS	REPLACE 2 DOORS WITH WINDOWS TO MATCH EXISTING
3.7.8	SHUTTERS	REPLACE MISSING SHUTTERS & HARDWARE TO MATCH EXISTING
3.8.5	SIDE PORCHES	SIDE PORCHES ADDED AFTER 1950 WILL BE REMOVED TO RETURN THE HOUSE TO AS IT APPEARED DURING IT'S PERIOD OF SIGNIFICANCE IN 1855
3.11.7 & 4.1.2	NEW REAR ENTRY DECK & STAIR	DESIGNED TO ACCOMMODATE FUTURE LIFT & REQUIRED EGRESS
4.2	REAR ADDITION	A NEW ADDITION TO REPLACE INFERIOR EXISTING CONSTRUCTION ADDED AFTER THE PERIOD OF SIGNIFICANCE AND ADD NEEDED SERVICE SPACE

TO BE COMPLETED BY APPLICANT			TO BE COMPLETED BY CITY STAFF		
	YES	N/A	YES	NO	N/A
Attach 8-1/2 " x 11" 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)** – 14 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.). **SEE SHEET D101**	☑				
2. **Description of materials** (Provide samples, if appropriate). **SEE SHEET A101**	☑				
3. **Photographs** of existing conditions **SEE SHEET A010**	☑				
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. **SEE SHEET A099**	☑	☐			
6. **Drawings** showing proposed work ☑ Plan drawings **SEE SHEETS A100, A101, A102, A103** ☑ Elevation drawings **SEE SHEETS A200, A201 & A202** ☑ Dimensions shown on drawings and/or graphic scale. ☑ 8-1/2" x 11" reductions of full-size drawings. If reduced size is so small as to be illegible, make 8-1/2" x 11" snap shots of individual drawings on the big sheet.	☑	☐			
7. **Fee** (See Development Fee Schedule) **MINOR WORK ($28)**	☑				

Prep By	Quote No	Rev No	Line No	Quote Date	Date Printed
LWP	672	2	1	2/27/2014	2/27/2014

A

Qty 4



3 1/2" Flat exterior casing and subsill nosing not shown but included in Dimensions Below.

Unit Description	
• CSMT-STUDIO-1; 41x36; Primed Wood Exterior; LoE-366	0.00
Custom Width	0.00
LoE-366/Neat	0.00
7/8" SDL (3W3H) With Internal Grids	0.00
Primed Interior	0.00
Divided Lite Primed Interior	0.00
□□	
Sash 1	
U-Factor=0.27	
SHGC=0.2	
Visible Transmittance=0.45	
PG=LC-PG50	
Single Unit Rating Only	
□□	
• CSMT-STUDIO-1; 41x36; Primed Wood Exterior; LoE-366	0.00
Custom Width	0.00
LoE-366/Neat	0.00
7/8" SDL (3W3H) With Internal Grids	0.00
Primed Interior	0.00
Divided Lite Primed Interior	0.00
□□	
Sash 1	
U-Factor=0.27	
SHGC=0.2	
Visible Transmittance=0.45	
PG=LC-PG50	
Single Unit Rating Only	
□□	
• 3-1/2" Vertical Wood Spread Mull Filled Pocket 3.46 Lineal Feet	0.00
6-11/16" Jamb Extension Applied	0.00
3" Wood Exterior Flat Casing	0.00
(Continued On Next Page)	
No Printed Prices	**$0.00**
Qty Required	**4**
No Printed Prices	**$0.00**

Note: Primed Units Shown Without Brickmould

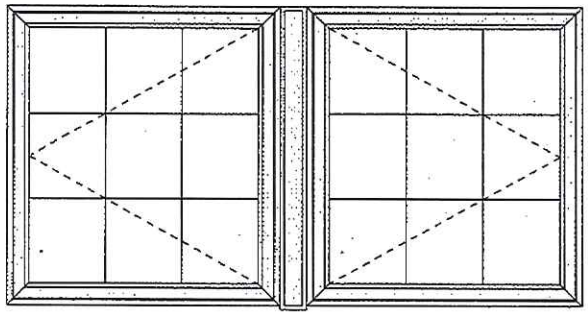
LITE BUILDER CATALOG SOFTWARE Version 8.0.1	Drawing Scale	Allowance Settings	Dimensions	
	1/2 Inch Per Foot	Rough Opening = 1/2" Masonry Opening = 1/4"	Rough Opening: 8' 0" X 3' 6" Unit Dimension: 8' 4-5/16" X 3' 8-7/8"	~~Masonry Opening: 8' 4-5/16" x 3' 9-1/8"~~ Total Box Size: 7' 11-1/2" x 3' 5-1/2" Sash Opening: N/A

Prepared By :

Approved 3/6/14 TGT

Prep By	Quote No	Rev No	Line No	Quote Date	Date Printed
LWP	672	2	2	2/27/2014	2/27/2014

B Qty 6



3 1/2" Flat exterior casing and sabsill nosing not shown but included in dimensions Below.

Unit Description	
• CSMT-1; 32x36; L; Primed Wood Exterior; LoE-366	0.00
LoE-366/Neat	0.00
White Screen Boxed	0.00
BETTERVUE Mesh	N/C
7/8" SDL (3W3H) With Internal Grids	0.00
White Hardware	N/C
Primed Interior	0.00
Divided Lite Primed Interior	0.00
□□	
Sash 1	
U-Factor=0.28	
SHGC=0.17	
Visible Transmittance=0.39	
PG=LC-PG50-C	
Single Unit Rating Only	
□□	
• CSMT-1; 32x36; R; Primed Wood Exterior; LoE-366	0.00
LoE-366/Neat	0.00
White Screen Boxed	0.00
BETTERVUE Mesh	N/C
7/8" SDL (3W3H) With Internal Grids	0.00
White Hardware	N/C
Primed Interior	0.00
Divided Lite Primed Interior	0.00
□□	
Sash 1	
U-Factor=0.28	
SHGC=0.17	
Visible Transmittance=0.39	
PG=LC-PG50-C	
Single Unit Rating Only	
□□	
• 3-1/2" Vertical Wood Spread Mull Filled Pocket 3.46 Lineal Feet	0.00
(Continued On Next Page)	
No Printed Prices	**$0.00**
Qty Required	**6**
No Printed Prices	**$0.00**

Note: Primed Units Shown Without Brickmould

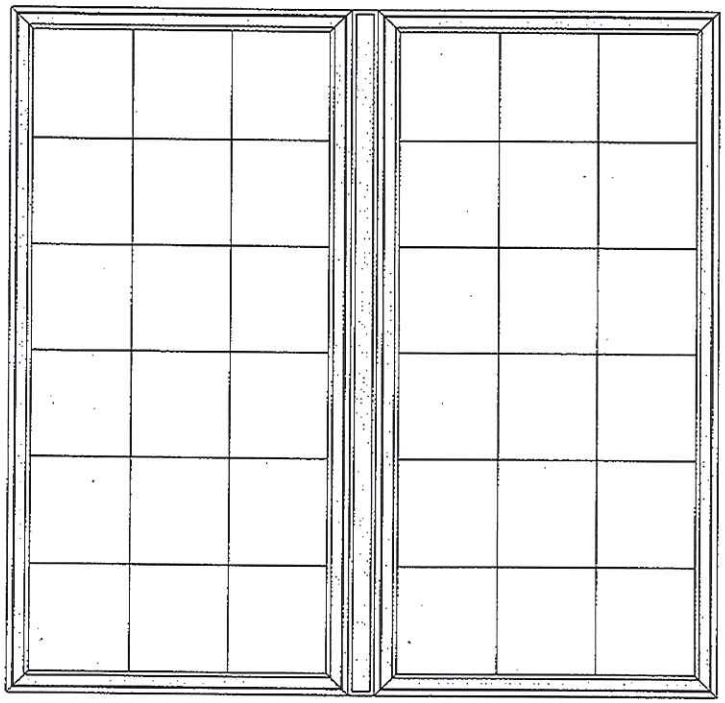
LITE BUILDER CATALOG SOFTWARE Version 8.0.1	Drawing Scale	Allowance Settings	Dimensions	~~Masonry Opening: 6' 10-9/16" x 3' 8-1/8"~~
	1/2 Inch Per Foot	Rough Opening = 1/2" Masonry Opening = 1/4"	Rough Opening: 6' 6" X 3' 6" Unit Dimension: 6' 10-5/16" X 3' 8-7/8"	Total Box Size: 6' 5-1/2" x 3' 5-1/2" Sash Opening: N/A

Prepared By :

Approved 3/6/14 TGT

Prep By	Quote No	Rev No	Line No	Quote Date	Date Printed
LWP	672	2	3	2/27/2014	2/27/2014

C Qty 4



3½" Flat exterior casing and subsill nosing not shown but included in Dimensions below.

Unit Description	
• CSMT-STUDIO-1; 41x88-1/2;	
Primed Wood Exterior;	
LoE-366	
Oversize Base Charge	0.00
23.26 Perm Ft. Chg	0.00
25.2 Square Ft. Low-E	0.00
LoE-366/Neat	0.00
7/8" SDL (3W6H) With Internal Grids	0.00
Primed Interior	0.00
Divided Lite Primed Interior	0.00
□□	
Sash 1	
U-Factor=0.27	
SHGC=0.2	
Visible Transmittance=0.45	
PG=N/A	
Single Unit Rating Only	
□□	
• 3-1/2" Vertical Wood Spread Mull Filled Pocket 7.79 Lineal Feet	0.00
• CSMT-STUDIO-1; 41x88-1/2;	
Primed Wood Exterior;	
LoE-366	
Oversize Base Charge	0.00
23.26 Perm Ft. Chg	0.00
25.2 Square Ft. Low-E	0.00
LoE-366/Neat	0.00
7/8" SDL (3W6H) With Internal Grids	0.00
Primed Interior	0.00
Divided Lite Primed Interior	0.00
□□	
Sash 1	
U-Factor=0.27	
SHGC=0.2	
Visible Transmittance=0.45	
PG=N/A	
Single Unit Rating Only	
(Continued On Next Page)	
No Printed Prices	**$0.00**
Qty Required	**4**
No Printed Prices	**$0.00**

Note: Primed Units Shown Without Brickmould

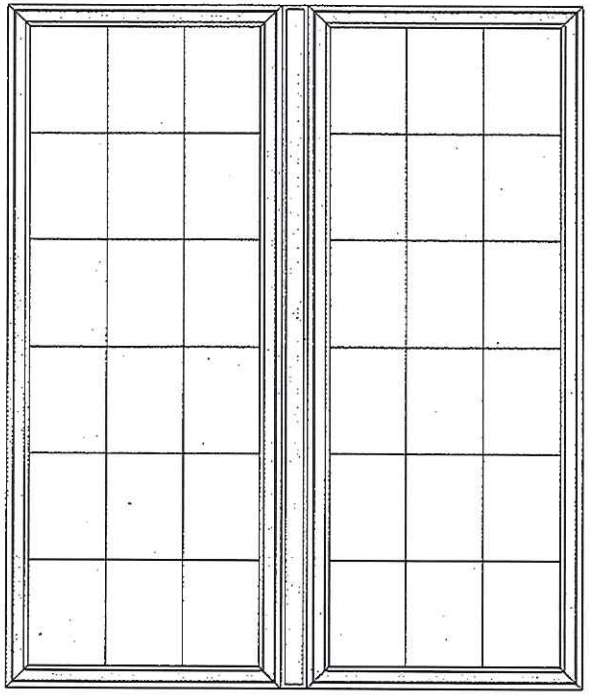
LITE BUILDER CATALOG SOFTWARE Version 8.0.1	Drawing Scale	Allowance Settings	Dimensions	
	1/2 Inch Per Foot	Rough Opening = 1/2" Masonry Opening = 1/4"	Rough Opening: 8' 0" X 7' 10-1/2" Unit Dimension: 8' 4-5/16" X 8' 1-3/8"	Masonry Opening: [redacted] Total Box Size: 7' 11-1/2" x 7' 10" Sash Opening: N/A

Prepared By :

Approved 3/6/14 TGT

Prep By	Quote No	Rev No	Line No	Quote Date	Date Printed
LWP	672	2	4	2/27/2014	2/27/2014

D Qty 6



3 1/2" Flat exterior casing and subsill nosing not shown but included in Dimensions Below.

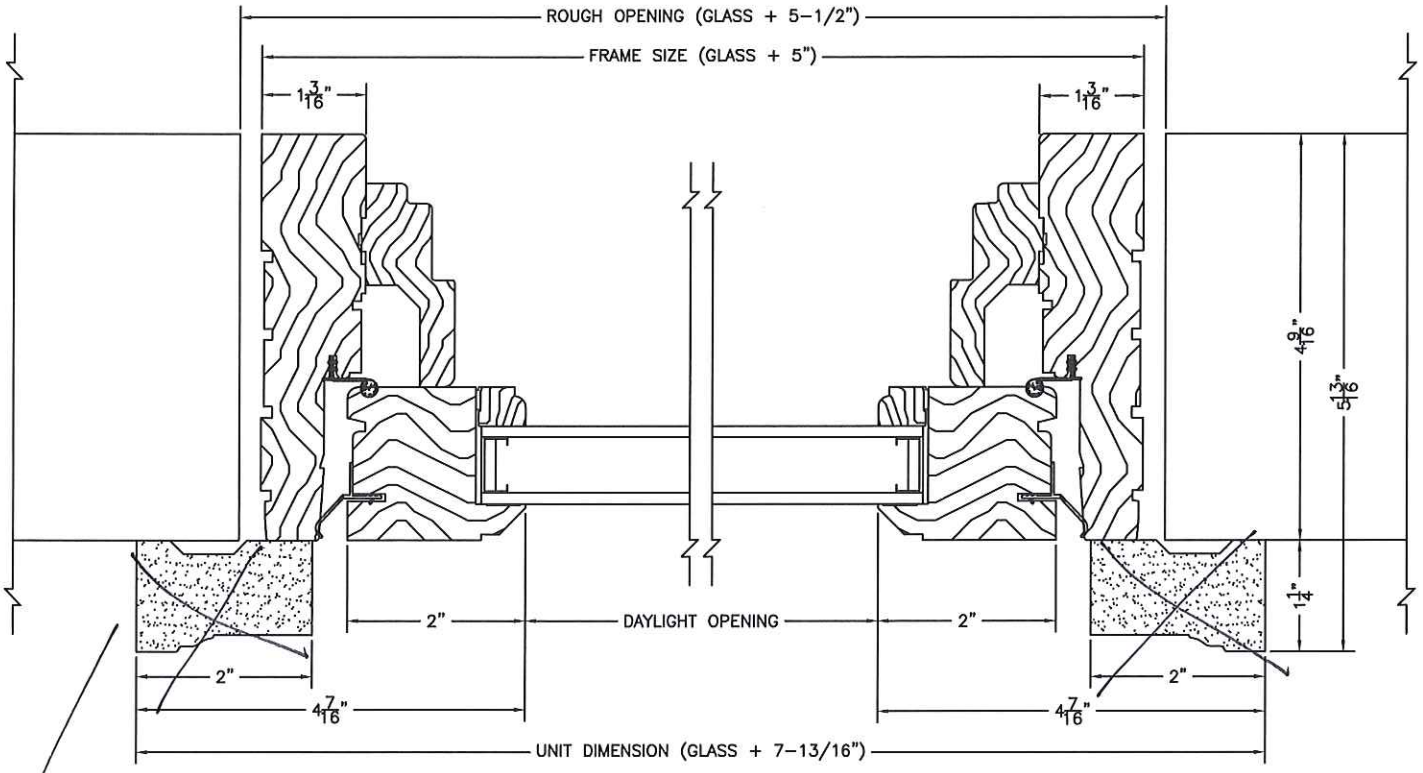
Unit Description	
• 3-1/2" Vertical Wood Spread Mull Filled Pocket 7.79 Lineal Feet	0.00
• CSMT-STUDIO-1; 32x88-1/2;	
Primed Wood Exterior;	
LoE-366	
Oversize Base Charge	0.00
21.76 Perm Ft. Chg	0.00
19.67 Square Ft. Low-E	0.00
LoE-366/Neat	0.00
7/8" SDL (3W6H) With Internal Grids	0.00
Primed Interior	0.00
Divided Lite Primed Interior	0.00
□□	
Sash 1	
U-Factor=0.27	
SHGC=0.2	
Visible Transmittance=0.45	
PG=N/A	
Single Unit Rating Only	
□□	
• CSMT-STUDIO-1; 32x88-1/2;	
Primed Wood Exterior;	
LoE-366	
Oversize Base Charge	0.00
21.76 Perm Ft. Chg	0.00
19.67 Square Ft. Low-E	0.00
LoE-366/Neat	0.00
7/8" SDL (3W6H) With Internal Grids	0.00
Primed Interior	0.00
Divided Lite Primed Interior	0.00
□□	
Sash 1	
U-Factor=0.27	
SHGC=0.2	
Visible Transmittance=0.45	
PG=N/A	
Single Unit Rating Only	
(Continued On Next Page)	
No Printed Prices	**$0.00**
Qty Required	**6**
No Printed Prices	**$0.00**

Note: Primed Units Shown Without Brickmould

LITE BUILDER CATALOG SOFTWARE Version 8.0.1	Drawing Scale	Allowance Settings	Dimensions	
	1/2 Inch Per Foot	Rough Opening = 1/2" Masonry Opening = 1/4"	Rough Opening: 6' 6" X 7' 10-1/2" Unit Dimension: 6' 10-5/16" X 8' 1-3/8"	Masonry Opening: [redacted] Total Box Size: 6' 5-1/2" x 7' 10" Sash Opening: N/A

Prepared By :

Approved 3/6/14 TGT



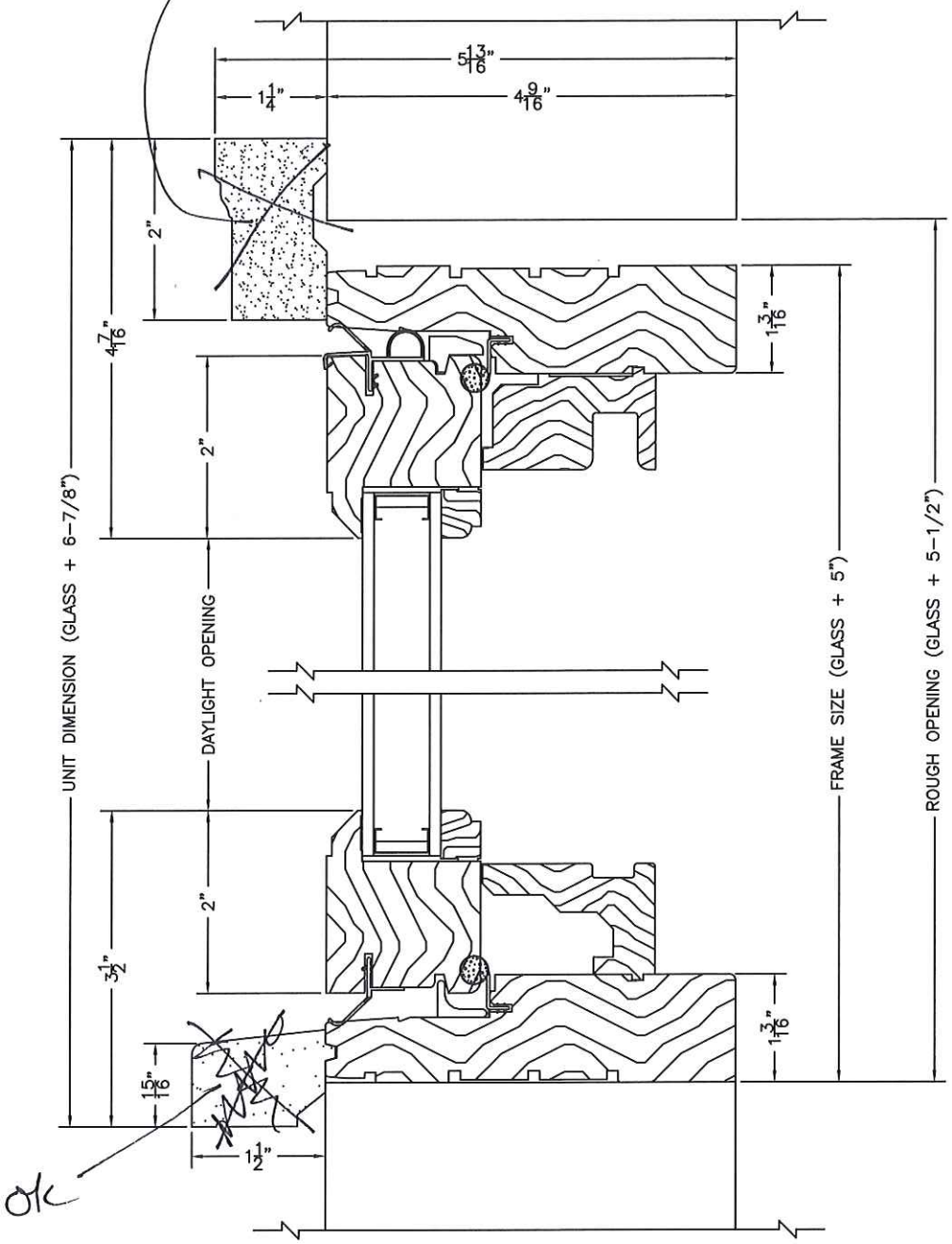
WOOD CASEMENT STUDIO - HORIZONTAL SECTION
SCALE: 6" = 1' 0"

LINCOLN WOOD PRODUCTS, INC.
1400 W. TAYLOR ST. Merrill, WI 54452 (715) 536-2461

Wood flat casing per notes on other pages and architectural drawings.
TGT

Approved w/ notes TGT 3/6/14

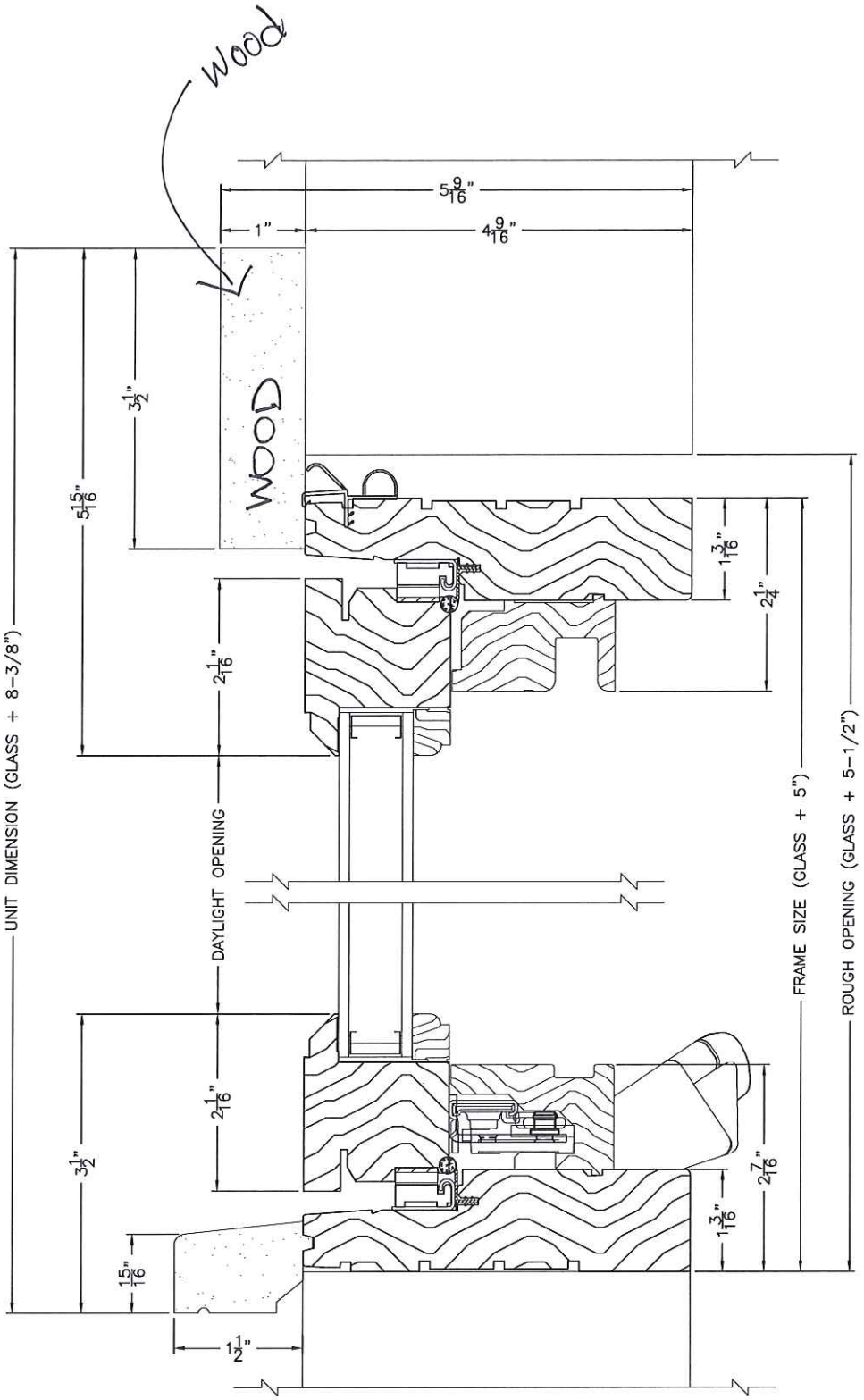
Wood flat casing per notes on other pages and architectural drawings TGT



WOOD CASEMENT STUDIO- VERTICAL SECTION
SCALE: 6" = 1' 0"

LINCOLN WOOD PRODUCTS, INC.
1400 W. TAYLOR ST. Merrill,WI 54452 (715) 536-2461

Approved w/ notes.
TGT 3/6/14



WOOD CASEMENT - 3-1/2" FLAT CASING - VERTICAL SECTION

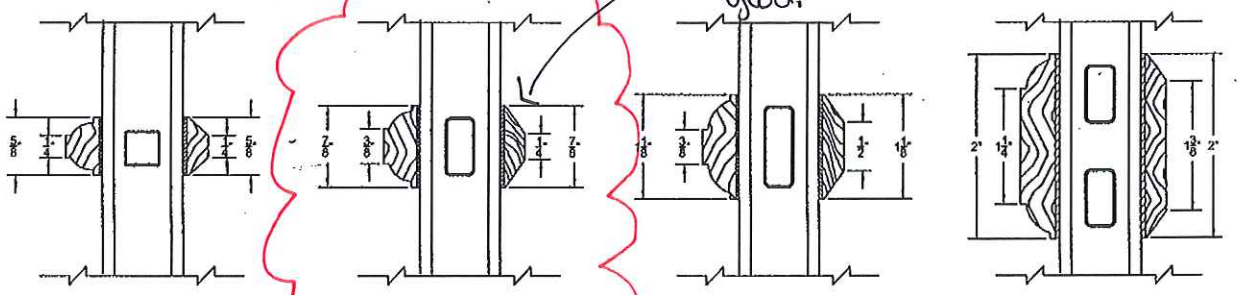
SCALE: 6" = 1' 0"

LINCOLN WOOD PRODUCTS, INC.

1400 W. TAYLOR ST. Merrill,WI 54452 (715) 536-2461

Approved w/ notes
TGT 3/6/14

exterior muntin has putty profile! good.



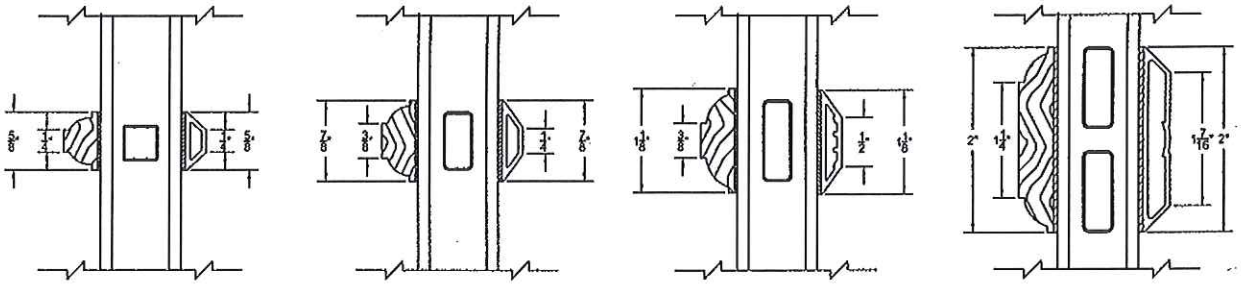
5/8" SIMULATED DIVIDED LITE WITH INTERNAL GRILLE

7/8" SIMULATED DIVIDED LITE WITH INTERNAL GRILLE

1-1/8" SIMULATED DIVIDED LITE WITH INTERNAL GRILLE

2" SIMULATED DIVIDED LITE WITH INTERNAL GRILLE

WOOD SIMULATED DIVIDED LITE



5/8" SIMULATED DIVIDED LITE WITH INTERNAL GRILLE

7/8" SIMULATED DIVIDED LITE WITH INTERNAL GRILLE

1-1/8" SIMULATED DIVIDED LITE WITH INTERNAL GRILLE

2" SIMULATED DIVIDED LITE WITH INTERNAL GRILLE

CLAD/WOOD SIMULATED DIVIDED LITE

GRID OPTIONS - STANDARD PRODUCTS
SCALE: 6" = 1' 0"

LINCOLN WOOD PRODUCTS, INC.

1400 W. TAYLOR ST. Merrill,WI 54452 (715) 536-2461

8/23/2013 10:38:32 AM

Approved w/ notes
TGT 3/6/14

A.I.A. SPECIFICATION FOR WOOD CASEMENT WINDOW

SECTION 08550
WOOD WINDOWS & CLAD WOOD WINDOWS

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Wood crank out & push out casement windows with accessories and components as indicated on window schedule.

1.02 REFERENCED STANDARDS

A. ASTM C1036 - Flat Glass
B. ASTM E283 - Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors.
C. ASTM E330 - Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Performance.
D. ASTM E547 - Water Penetration of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference.
E. ASTM E2190-08 - Specification for Sealed Insulated Glass Units.
F. Federal Specifications- FL L-S-125B - Screening, Insect Non-Metallic.- FS DD-G-451D - Glass, Float or Plate, Sheet.
G. AAMA/WDMA/CSA 101/I.S.2/A440-05 Standard and Specification for Windows, Doors and Unit Skylights.
H. ATSM E1886 - Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials
I. ASTM E1996 - Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes
J. WDMA I.S.4 - 2000. - Industry Standard for Water-Repellent Preservative Treatment for Millwork.

1.03 QUALITY ASSURANCE

A. Sealed Durability of Insulating Glass Test – ASTM E2190-08.
B. Argon Gas Concentration of Insulating Glass Units Test – ASTM E2649-09.
C. Harmonized Insulating Glass Testing Standards as designated by IGCC and IGMA.
D. NFRC Certification Program for Energy Ratings of Fenestration Products.
E. AAMA Certification Program. AAMA Gold Label.

1.04 SYSTEM DESCRIPTION

A. Design and Performance Requirements:
   1. Air, water, structural performance and forced entry resistance testing shall be at levels which meet the specifications as outlined in AAMA/WDMA/CSA 101/I.S.2/A440-05 or AAMA/WDMA/CSA 101/I.S.2/A440-08.
   2. Impact resistance performance rating shall be Missile Level D, Windzone 3 per ASTM E 1886 and ASTM E 1996.
   3. All glass shall be select quality complying with FS DD-G-451 D.
   4. Insulating glass shall be manufactured and tested to comply with IGCC and ASTM E2190-08.

B. Energy Requirements:
   1. All units tested are single lite residential as listed on the NFRC label adhered to the glass. Values are certified per NFRC Certification Program.

C. Emergency Escape & Rescue
   1. Larger width & height units with standard hardware, as designated, shall comply with the International Residential Code (minimum clear opening of 5.7 sq.ft. or 5 sq. ft. for grade floor).

Note: Up to date performance data can be found in the technical data section on our website at http://www.lincolnwindows.com

1.05 SUBMITTALS

A. Submit the following in accordance with Section 01330.
B. Shop drawings showing rough openings, unit dimensions and fenestration of specialty units as required.
C. Insulated Glass Warranty: Lincoln Wood Products, Inc. Lifetime Limited Warranty.

1.06 DELIVERY AND STORAGE

A. Deliver products in manufacturer's original containers, dry, undamaged, seals and labels intact.
B. Store and protect products from job site damage. Uninstalled products must be protected from exposure to the weather.

1.07 INSULATED GLASS WARRANTY

A. Provide manufacturer's insulated glass lifetime limited warranty for failure of the seal resulting in impaired vision due to moisture, film or dust between glass.

PART 2 - PRODUCTS

2.01 MANUFACTURER

Refer to drawings for window schedule indicating sizes and configuration of units and type of components, colors, glazing and additional data.

A. Wood crank out & push out casement windows as specified in this section and as manufactured by Lincoln Wood Products, Inc., Merrill, Wisconsin.

Approved w/ notes
TGT 3/6/14

LINCOLN WINDOWS

A.I.A. SPECIFICATION FOR WOOD CASEMENT WINDOW

SECTION 08550
WOOD WINDOWS & CLAD WOOD WINDOWS

2.02 MATERIALS AND FINISHES

A. **WOOD:** Kiln-dried selected soft woods and/or engineered wood products, treated with water repellent preservative in accordance with WDMA I.S.4 – 2000 and applicable Commercial Standards. Frame depth shall be 4-9/16", with jamb extensions available up to 10". Head and sill members shall be 1-3/16" thick, with the side jambs 1-3/16" thick. Sash thickness shall be 1-3/4". Brickmould shall be 2" x 1-3/16".

B. **GLASS:** 7/8" IG. 7/8" Laminated insulated impact resistant IG. Low "E" with Argon. Tempered. Tint: Bronze, Grey, Obscure, Clear. Warm edge tin plated spacer or foam spacer used. Steel spacer used on impact resistant IG. ***High altitude IG and IG units with glass less than 12" width or height have open breather tube and will not contain argon gas***

C. **WEATHERSTRIPPING:** Rigid fin around sash perimeter. Foam bulb around frame perimeter.

D. **SCREEN:** Factory-finished aluminum frame, .011x18x16 charcoal fiberglass cloth.

E. **STANDARD WOOD GRILLES:** 5/8", 7/8", 1" Profiled select wood for attachment to interior of sash and designed for removal for glass cleaning.

F. **FULL SURROUND GRILLES:** 5/8", 7/8", 1", 1-7/8" Profiled select wood for attachment to interior of sash and designed for removal for glass cleaning.

G. **INTERNAL MUNTINS:** Profiled 11/16" and 1" aluminum grilles permanently sealed between two panes of insulating glass. Color available in six standard colors, white, beige, grey, bronze, hartford green and sandstone.

H. **TRUE DIVIDED LITES:** 7/8" and 1-1/4" wide pine muntin bars to the exterior with applied pine stops on the interior.

I. **SIMULATED DIVIDED LITES:** SDL glass is 7/8" insulated. Available in 2", 1-1/8" and 7/8" bar widths. Lite division is accomplished with the application of interlocking primed aluminum grids on the exterior and interlocking wood grids on the interior, both secured to the glass lite with an adhesive glazing tape. Glass may be with or without internal grid, as designated by customer.

See drwgs & other notes.

J. **INTERIOR EXTENSION JAMBS:** Kiln-dried selected softwood, for transparent interior finish.

2.03 HARDWARE

A. **OPERATOR:** Worm gear operator with dual arm action for operation sash.

B. **SASH LOCKS:** Units are locked using a concealed multi-point sequential locking system.

C. **HINGES:** Concealed hinges with nylon sliding bearing, reinforced with steel. Hinge track is stainless steel and fastened with stainless steel screws.

D. **SNUBBER**: Units have one, two or three sash snubbers located on the side jamb dependant on height.

2.04 FABRICATION

A. Fabricate frame, mullions and sash members for hairline fit, water and airtight.

B. The sash is comprised of solid wood.

C. Provide insect screens of roll form frames with mesh set into frame and secured. Screen shall be spring mounted for easy installation and removal.

D. Set insulating glass in a silicone bedding compound on exterior side of the glazing. Inside is wood stop glazed.

PART 3 - EXECUTION

3.01 INSPECTION

A. Verify rough openings are correctly sized and located.

B. Beginning of installation means acceptance of existing conditions.

3.02 PREPARATION

A. Prepare opening to permit correct installation of window unit and air and vapor barrier seal.

3.03 INSTALLATION

A. Install windows in accordance with manufacturer's instructions.

B. Align windows plumb and level, free of warp or twist. Maintain dimensional tolerances, aligning with adjacent work. Secure assembly to frame openings without distortion or stress.

C. Ensure air and vapor barrier is sealed to window frame. Coordinate placement of insulation in shim spaces around unit perimeter.

D. Install sealant and related backing materials at exterior and interior of installed assembly.

E. Close and latch operating sash.

F. Lubricate hardware and moving parts as required to ensure smooth operation.

3.04 CLEANING

A. Clean exterior and interior surfaces of window frames and glass after installation. Do not damage interior or exterior finishes.

B. Remove labels and visible markings. Comply with manufacturer's recommendations for cleaning glass.

C. Remove and replace glass that is broken, chipped, cracked, abraded or damaged at no expense to owner.

END OF SECTION

Approved w/ notes
TGT 3/6/14