

ARLINGTON COUNTY, VIRGINIA
HISTORICAL AFFAIRS AND LANDMARK REVIEW BOARD
APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

DATE 02/20/2014

Z- _____ - _____ -HD _____ RPC# _____
(TO BE COMPLETED BY STAFF)

DESIGNATED PROPERTY:

Name of Historic District Maywood

Address of Building 2821 23rd Street North, Arlington, VA 22201

OWNER:

Name Touchstone Custom Home, LLC

Address (if different) 6711 Lee Highway, Arlington, Virginia, 22205

Phone (Home) 703.853.9669 (Work) _____

EMAIL: _____

PERSON FILING APPLICATION, IF OTHER THAN OWNER:

Name Clint Woodson

Address _____

Phone (Home) _____ (Work) _____

Relationship to Applicant Owner

PROJECT ARCHITECT/ENGINEERS/CONTRACTORS:

Sutton Yanis

PURPOSE OF APPLICATION:

Repair (change of materials) Alteration Addition Fence
 Demolition New construction Relocation Outbuildings
 Tree Removal Grading Sign Other

Will an application related to this property go before any of the following? Board of Zoning Appeals
 Planning Commission County Board Other (please specify) _____

Does the proposed work require a building permit? YES NO

Is any demolition anticipated? YES NO If yes, please describe _____

OVERVIEW OF PROPOSED WORK (ATTACH ADDITIONAL SHEETS IF NECESSARY):

Description:

Revision to previously approved CoA. Proposed alterations include:

- 1) on the left side elevation, install new door on addition and replace two basement windows on original section of the house;
- 2) on the right side elevation of the addition, install new window at basement;
- 3) ~~install hardieplank siding on the addition's basement instead of painted concrete;~~
- and 4) install ridge vents.

LETTER OF TRANSMITTAL

**Historical Affairs & Landmark Review Board
c/o Historic Preservation Program
2100 Clarendon Boulevard, Suite 700
Arlington, VA 22201**

Dear Review Board Members:

Enclosed is an application for a Certificate of Appropriateness and the following attachments:

Drawing(s) -- Indicate scale on each drawing.

Site Plan / Plat _____

Elevation _____

Floor Plan _____

Section _____

Detail _____

Photograph(s) – Please indicate number of photographs.

Color _____

Black/White _____

Material Samples/Manufacturer's Catalog Cuts – Please describe all material exhibits.

YOUR SIGNATURE BELOW CONFIRMS YOUR CONSENT TO THE FOLLOWING:

- 1. I understand that these materials will be placed in the Historic Preservation Program's building file for information about my property following the public hearing.**
- 2. I understand it is my responsibility to inform my adjacent neighbors of my building and construction plans for this project.**
- 3. I hereby grant permission to the County's Historic Preservation Code Inspector to enter my property during the application and construction phases of my project.**
- 4. I hereby grant permission to the County's Historic Preservation Code Inspector to take photographs of my property, including the existing conditions, during the construction phase, and after the project is completed.**

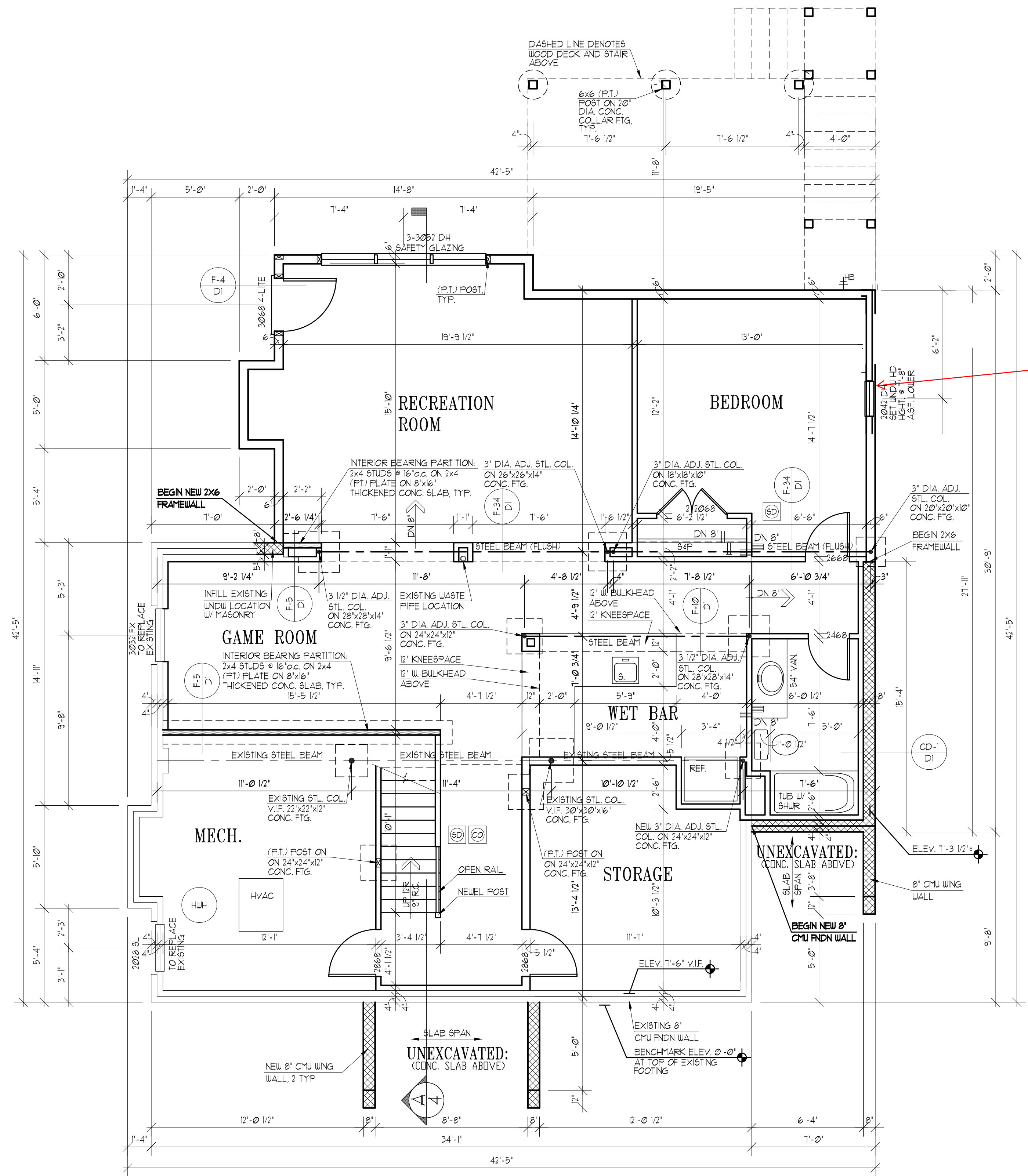
(Signed)



Date

3/11/14

Date	FS 10/11/13 KTB



2848 Casement Window Centered with above window

ELECTRICAL PLANS BY OTHERS

ADJUSTABLE STEEL COLUMNS
 THE FOLLOWING ARE APPROVED 11 GAUGE (0.210 IN.) ADJUSTABLE STEEL COLUMNS FOR USE AS SPECIFIED AS "ADJ. STL. COL." IN THESE CONSTRUCTION DRAWINGS.
 1) AFCO - "ZIP" ADJUSTABLE COLUMN ICC-ES REPORT: ESR-2482
 2) AKRON - FIXED & ADJUSTABLE COLUMNS ICC-ES REPORT: ESR-1161
 3) MARSHALL - EXTEND-O-COLUMN ATI-ES CODE COMPLIANCE REPORT: CCR-0148

FOUNDATION / BASEMENT PLAN

UNLESS OTHERWISE NOTED ALL INTERIOR PARTITIONS TO BE 3/2"
 UNLESS OTHERWISE NOTED WINDOW HEAD HEIGHT TO BE 6'-8" ABOVE (NEW) T.O.S.

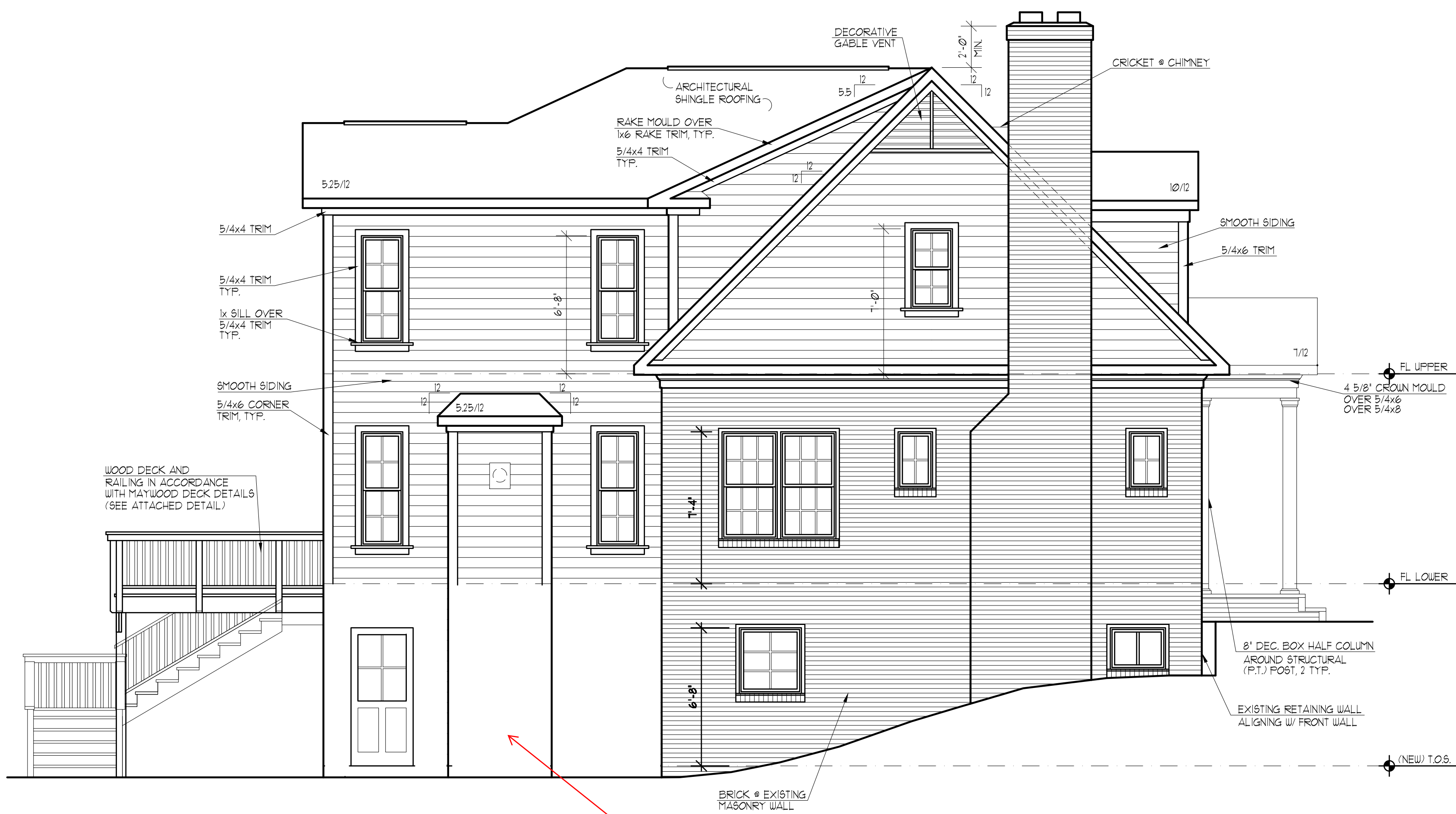
1/4" = 1'-0"

Project Number: 15040-02
2821 23rd STREET NORTH
TOUCHSTONE CUSTOM HOMES

Architect

SUTTON YANTIS ASSOCIATES ARCHITECTS
 8500 BUCKLE DRIVE TEL 703.734.9733
 VERRA, VA 22182 FAX 703.847.0171
 WWW.SYAB.COM

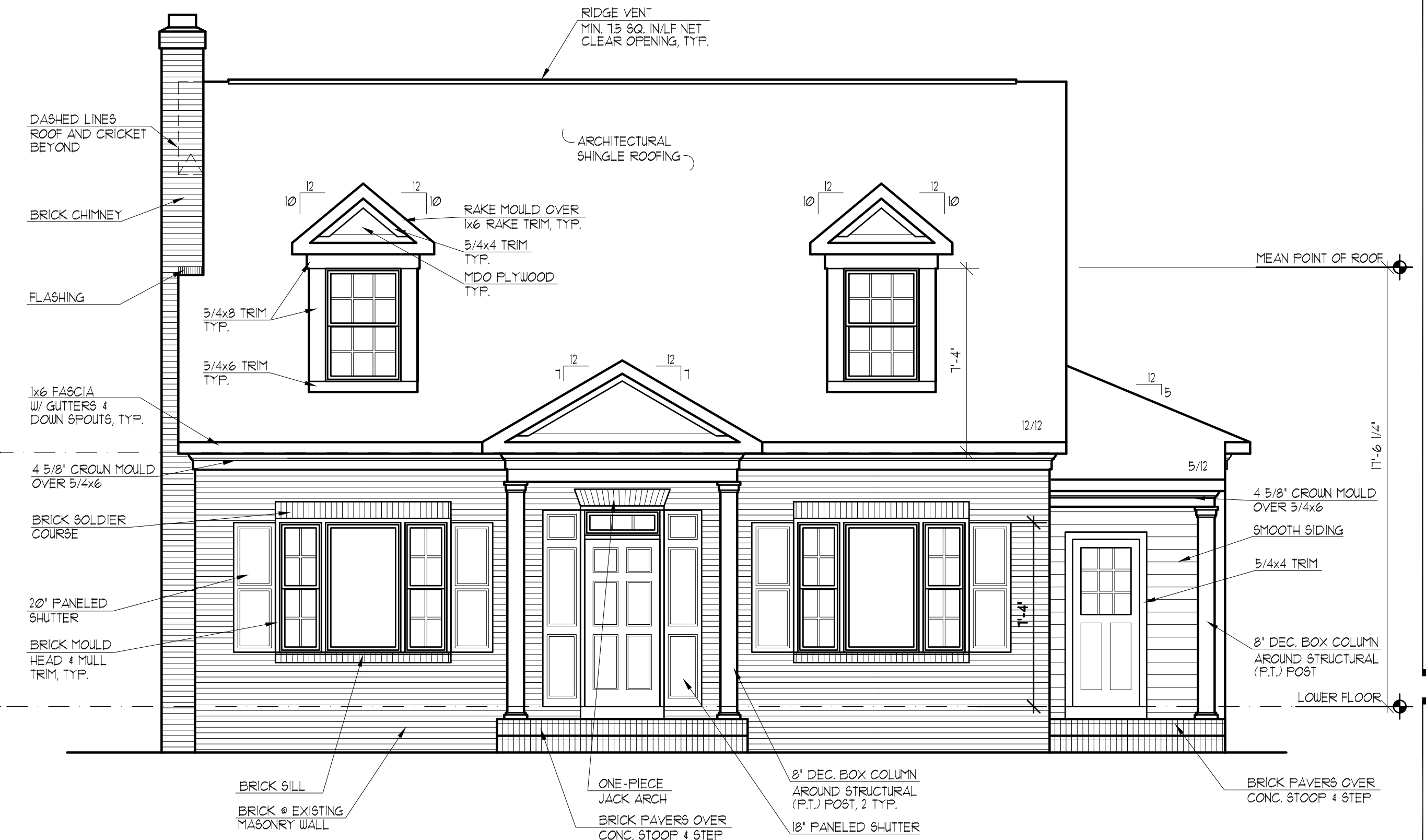
Date
P.S. 10/11/13 KTB



LEFT SIDE ELEVATION

1/4" = 1'-0"

Parged Concrete



FRONT ELEVATION

1/4" = 1'-0"

Project Number: 10040-05

Architect

SUTTON
YANTIS
ASSOCIATES
ARCHITECTS

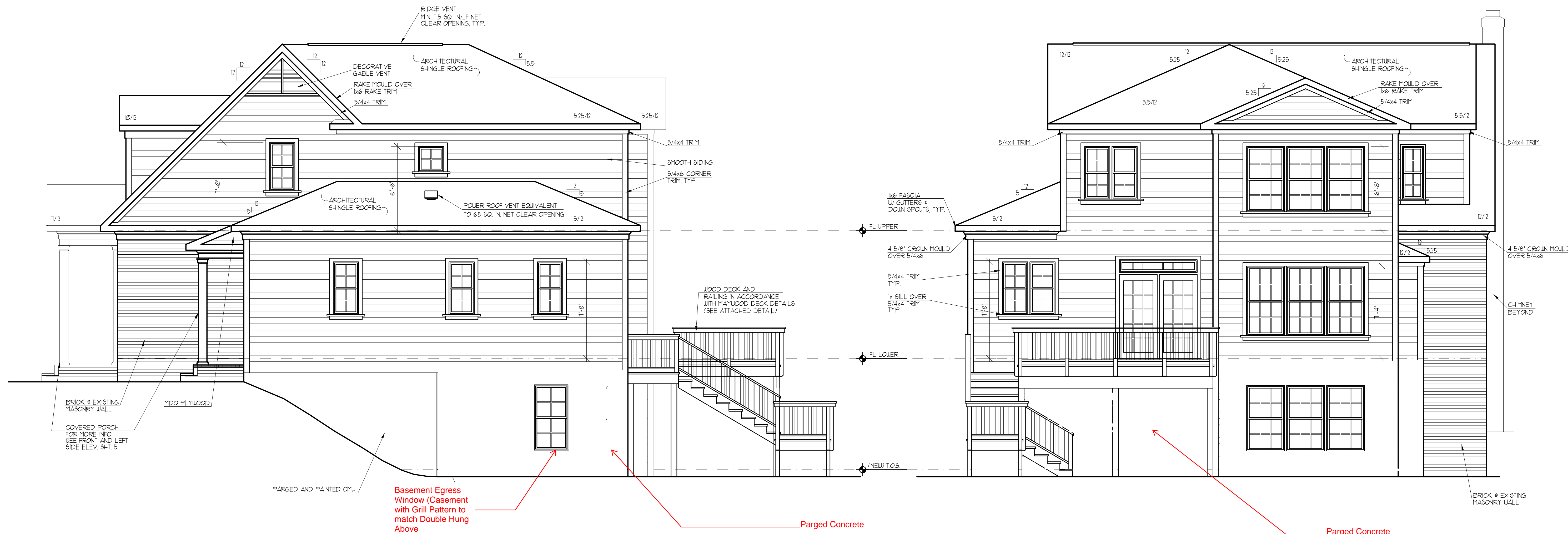
8000 Boone Blvd. Tel: 703.724.9733
Virginia, VA 22182 Fax: 703.847.0171
WWW.SYBA.COM

2821 23rd STREET NORTH
TOUCHSTONE CUSTOM HOMES

Sheet Number

5

Date	P.S. 10/11/13 KTB



RIGHT SIDE ELEVATION

1/4" = 1'-0"

REAR ELEVATION

1/4" = 1'-0"

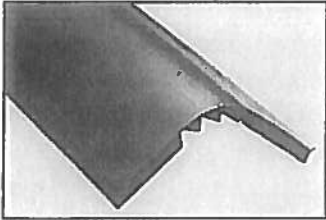
Project Number: 13042-06
2821 23rd STREET NORTH
TOUCHSTONE CUSTOM HOMES

SUTTON
 YANTIS
 ASSOCIATES
 ARCHITECTS
 8500 Boone Blvd. - Tel: 703.754.9733
 Vienna, VA 22182 - Fax: 703.847.0171
 www.sygbl.com

CERTAINTEED® RIDGE VENT

12" Unfiltered Ridge Vent

Features



- External wind baffle deflects wind and weather over the vent and creates low pressure above the vent to pull air out of the attic
- Built-in ventilating weather tight end plug flexes for different roof pitches and protects roof decking
- Each vent has 18 sq. in. of net free area per linear foot
- Accommodates roof pitches from 3/12 to 16/12
- Successful installations throughout the US since 1990
- Lifetime Limited Warranty; 5-Year SureStart™ Protection
- 30 ct. bag of 3-inch ring shank nails included
- Wind driven rain resistant to 110 MPH
- Louver openings are sized to minimize insect infiltration and windblown debris

Specifications

- The vent shall be constructed with an external baffle to deflect wind and weather over the vent
- The vent shall have weep holes placed on 4" centers for water shedding from the cap shingles mounted to the top of the vent
- The vent shall be manufactured from a durable polypropylene resin capable of passing ASTM G155 advanced weathering test with less than a 10% variance
- The vent shall be capable of the cap shingles being fastened with a nail gun set to 100 PSI without breakage
- The vent shall carry an approval report with the Texas Department of Insurance
- The vent shall carry an approval report with the Miami-Dade County Building Code Compliance Office (BCCO)
- The vent shall be capable of installation in various climate zones through the US and Canada
- The vent shall be constructed with a minimum of (10) pre-formed nail bosses for positioning the vent on the roof prior to cap shingling
- The individual vent openings shall be sized to be no wider than 1/8" to keep insects from entering the attic
- The vent shall have integral ribbing to maintain the structural integrity of the vent during cap shingling and maintain the vent profile when installed on various roof pitches

Code Body Approvals

- Texas Department of Insurance
- UL Classified
- Miami Dade Approved

ASK ABOUT ALL OF OUR OTHER CERTAINTEED® PRODUCTS AND SYSTEMS:

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE • FOUNDATIONS
GYPSUM • CEILINGS • INSULATION • PIPE

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CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482

Professional: 800-233-8990
Consumer: 800-782-8777

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TABLE OF CONTENTS

Specifications	2-2
Quick Spec Guide	2-4
Elevations/Sizes: 1/4" Scale	2-6
Casement	2-9
Casement Picture	2-25
Casement Picture with Flankers	2-32
Casement Sector Top	2-37
Sash Glazing Options: 3" Scale	2-47
Trim Options: 3" Scale	2-49
Jamb Options: 3" Scale	2-51
Standard Mullion Options	2-52
Lite Cut Information	2-53
Unit Sizing, Rough Openings & Masonry Openings	2-56
Section Details: 6" Scale	2-57
Bay & Bow Specification and Rough Opening Information	2-66
Section Details: 3" Scale (Bow & Bay)	2-71

PRODUCT SPECIFICATIONS**EXTERIOR FINISH**

All exterior surfaces completely covered with factory-applied latex primer.

AURALAST® WOOD

AuraLast® wood is fundamentally different from wood resulting from traditional millwork preservation processes in that it uses a proprietary vacuum/pressure process to provide protection throughout the wood parts used to make windows and doors. AuraLast® wood is distinguished from wood using the current preservation methods by its unique ability to achieve greater penetration of the active ingredients into the wood parts, with a penetration of the treatment being a minimum of 92%.

INTERIOR FINISH

All interior surfaces are unfinished clear pine ready for on site finishing. Primed and pre-finished interiors are available in paint: Pure White, Extra White, Natural Choice, Moderate White; in stain: Wheat, Cherry, Fruitwood, Cordovan, Cider and Clear Lacquer.

FRAME

Frame is assembled from select kiln dried pine using AuraLast® wood on all exterior parts. Frame thickness is 1-5/32" (29.4mm) at head and side jamb and at sill. Basic jamb width is 3-3/4" (95.3mm). Standard jamb width is 4-9/16" (116mm). Frame features machine clamped assembly, which insures accurate squaring of unit, and frame corners are tightly secured with metal fasteners and adhesive. Finished frame includes all exterior casing.

SASH

Sash is 1-7/16" (36.5mm) thick with select kiln-dried pine using AuraLast® wood. Stiles and rails are mortise and tenoned, machine clamped for squareness and secured with metal fasteners.

GLAZING

3/4" (19mm) thick sealed insulating glass is constructed from two panes of glass, utilizing a continuous roll formed stainless steel spacer with dual seal sealant. The glass is mounted into the sash using a silicone-glazing compound and secured with interior applied profiled wood stops. All insulating glass units comply with the performance requirements of IGCC in accordance with either ASTM E774 or E2190.

GLAZING OPTIONS

3/4" insulating glass available in Low-E with Argon, Low-E, Low-E 366, Clear, Neat Glass, reflective, tinted, or obscure, tempered or other specialty glass as specified. Preserve® film is a 0.003" thick polyethylene film with a low tack acrylic adhesive applied to the glass for protection during shipping and installation. 4,000 foot elevations and higher require a capillary tube to equalize environmental stress (otherwise known as High Altitude glazing). High Altitude glazing does not allow the use of Argon as listed under glazing options.

WEATHER-STRIPPING

Engineered system combines a flexible, bulb weather-strip applied to all sides of sash with thermoplastic rubber bulb applied to the full perimeter of the frame.

HARDWARE

Sash pivot on concealed hinges with sliding steel reinforced nylon shoes in an integral frame track. Stainless steel concealed locking system is standard, and the window locks sequentially. EntryGard dual arm retro operator has removable polycarbonate cover, die cast zinc bash and hardened steel worm gears and arms. Hinges and retro operator arms feature stainless steel. The die cast locking lever is located on the side jamb at the lower corner of the window opposite the operator and has a molded bezel cover that snaps over the rout on the side stop. Units under 20" wide will feature a dyad operator. Color choices for locks and operator covers are White, Chestnut Bronze, Desert Sand or optional Bright Brass, Antique Brass, Polished Brass, Brushed Chrome or Imitation Oil Rubbed Bronze.

INTERIOR INSECT SCREENS

Charcoal fiberglass screen cloth (18x16 mesh) set in painted roll formed aluminum frame fitted to the inside of the window with all necessary hardware, in White, Chestnut Bronze, Desert Sand or optional Bright Brass, Antique Brass, Polished Brass, Brushed Chrome or Imitation Oil Rubbed Bronze. Aluminum mesh and Phantom screens are also available. Insect screens are intended to allow air and light in and to keep insects out. They are not intended to keep anyone or anything from falling through an open window. For safety screens or other security devices contact your local building supply retailer.

GRILLES

SDL (Simulated Divided Lites) - wood muntins permanently applied to the exterior of the insulating glass unit (not available on textured glass) in 7/8" (22mm), 1-1/8" (28.5mm), or 1-3/8" (34.9mm) widths, and a putty profile in 5/8" (15.9mm), 7/8" (22mm) and 1-1/8" (28.5mm) widths only. SDL is standard with a light bronze internal shadow bar to give a true divided lite appearance. As an option, SDL may be ordered with a silver shadow bar. Clear wood interior muntin bars match the exterior muntin width and are permanently bonded to the interior of the glass. Also available is a 2-5/16" (59mm) SDL bar, which simulates a double-hung checkrail.

Full Surround Wood Grilles - Rectangular unfinished clear pine wood grilles in 7/8" (22mm), 1-1/8" (28.6mm) and 1-3/8" (35mm) are available in patterns selected by the owner.

GBG (Grilles between the Glass) - 5/8" (15.9mm) flat and 23/32" or 1" contour mounted between the glass panes suspended within the air cavity.

EXTERIOR TRIM

1-3/32" (27.8mm) x 2" (50.8mm) brickmould with 1-1/16" (27mm) x 1-3/4" (44.5mm) nosing is standard. Flat casing is available as 1-3/32" (27.8mm) x 2" (50.8mm), 1-3/32" (27.8mm) x 3-1/2" (89mm), 1-3/32" (27.8mm) x 4-1/2" (114.3mm), and 1-3/32" (27.8mm) x 5-1/2" (139.7mm). The following profiled casings are available: RB-3 and Adams as 1-1/16" x 3-1/2" (89mm), and Williamsburg 1-3/16" x 3-1/4".

Continued on next page

PRODUCT SPECIFICATIONS

EXTENSION JAMBS

Extension jambs are factory applied to the interior on all four sides of the frame and are 4/4 standard thick pine to accommodate wall depths up to 8-1/2" with one piece, and up to 12" with two pieces. 9/16" (14.2mm) and 5/4 option or 5/4-4/4 stacked option also availab

INSTALLATION

Installation per JELD-WEN Installation Method for Wood Windows JII003 or JII012. See www.jeld-wen.com/resources for instructions.

PERFORMANCE

NFRC Certified - (Rated and labeled in accordance with NFRC)

WDMA Hallmark Certified -
In accordance with **AAMA/NWWDA/101/I.S.2-97**

QUICK SPEC GUIDE

SPECIFICATION	STANDARD FEATURES	OPTIONAL FEATURES <i>Some options may require additional lead times. Consult your JELD-WEN Sales Representative.</i>
FRAME	<ul style="list-style-type: none"> Fingerjoint Wood 	
EXTERIOR FINISH	<ul style="list-style-type: none"> Primed 	<ul style="list-style-type: none"> Natural
EXTERIOR TRIM	<ul style="list-style-type: none"> 1-3/32" Brickmould Drip Cap Wood Sill Nose 	<ul style="list-style-type: none"> Flat Casing: 1-3/32" x 2", 3-1/2", 4-1/2", and 5-1/2" Williamsburg Casing: 1-3/16" x 3-1/4" Adams Casing: 1-1/16" x 3-1/2" RB3 Casing: 1-1/16" x 3-1/12" 1-7/32" x 4-1/2" Backband No Brickmould Option Historical Sill Nose
INTERIOR FINISH		<ul style="list-style-type: none"> Priming Available <p>Pre-finished Interior Options are:</p> <ul style="list-style-type: none"> Paint - Pure White, Extra White, Natural Choice, Moderate White Stain - Wheat, Fruitwood, Cherry, Cordovan, Cider Clear Lacquer
SIZE	<ul style="list-style-type: none"> Width: Operators & Stationary Casements 18, 20, 24, 28, 30, 32, 36 Casement Fixed Units 42, 48, 54, 60, 66, 72, 84, 96 Height: Operators & Stationary Casements 12, 18, 20, 24, 28, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 96 For RO, add 3/4" 	<ul style="list-style-type: none"> Operator: Any width: 14-1/4" to 36" Stationary: Any Width: 12" to 96" Operator & Stationary: Operable Heights: 18" to 84" Stationary Heights: 12" to 96" Available as Stationary Only: All 12" heights 28" and 30" x 84" 32" and 36" x 78", 84" For RO, add 3/4"
GLAZING	<ul style="list-style-type: none"> Low-E Insulating Glass Preserve® Protective Film 	<ul style="list-style-type: none"> Clear Obscure Bronze Low-E 366 Neat Glass Dual Low-E Reflective Tempered Decorative Glass <ul style="list-style-type: none"> Craftsman Classic Contemporary Estate Custom Design Capability
		<ul style="list-style-type: none"> High Altitude
GLAZING	<ul style="list-style-type: none"> Low-E Insulating Glass Preserve® Protective Film 	<ul style="list-style-type: none"> High Altitude
GRILLES		<ul style="list-style-type: none"> 5/8" Flat, 23/32" or 1" Contour GBG 7/8", 1-1/8", 1-3/8" Full Surround Wood Grilles <p>SDL Bead Profile:</p> <ul style="list-style-type: none"> 7/8", 1-1/8", 1-3/8", 2-5/16" with Light Bronze Shadow Bar 7/8", 1-1/8", 1-3/8", 2-5/16" with Silver Shadow Bar <p>SDL Putty Profile:</p> <ul style="list-style-type: none"> 5/8", 7/8", 1-1/8" with Light Bronze Shadow Bar 5/8", 7/8", 1-1/8" with Silver Shadow Bar

Continued on next page

QUICK SPEC GUIDE

SPECIFICATION	STANDARD FEATURES	OPTIONAL FEATURES <i>Some options may require additional lead times. Consult your JELD-WEN Sales Representative.</i>
HARDWARE	<ul style="list-style-type: none"> • Standard Folding Nesting Handle • Concealed Locking System 	<ul style="list-style-type: none"> • T-Handle • Round Knob
HARDWARE COLOR	<ul style="list-style-type: none"> • White • Desert Sand • Chestnut Bronze 	<ul style="list-style-type: none"> • Antique Brass • Polished Brass • Brushed Chrome • Oil Rubbed Bronze
JAMB	<ul style="list-style-type: none"> • 4-9/16" 	<ul style="list-style-type: none"> • Minimum: 3-3/4" • Maximum: 8-1/2" (one piece) • Maximum: 12" (two piece)
SCREENS	<ul style="list-style-type: none"> • BetterVue™ 	<ul style="list-style-type: none"> • Aluminum Mesh available • Phantom Screen - Limitations apply, factory-applied • UltraVue™
SCREEN FRAME COLOR	<ul style="list-style-type: none"> • Brilliant White • Desert Sand • Chestnut Bronze 	

BUTLER Window & Door., Inc
 PO Box 2774
 Winchester, VA 22604
 Phone: (540) 819-5799



QUOTE BY: Brian Keesling
SOLD TO: Touchstone Custom Homes
 Clint

QUOTE #: JB1K00828
SHIP TO:

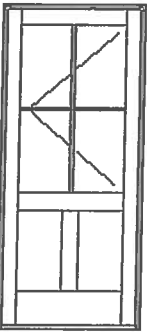
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PO#:

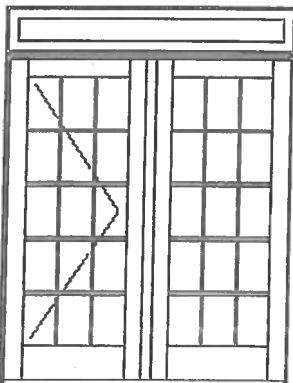
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Ship Via: Ground/Next Truck

LINE NO.	LOCATION SIZE INFO	BOOK CODE DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE
Line-1	Bsmt Rec Rm Rough Opening: 36 3/4 X 83	SWHD-30611 Frame Size : 36 X 82 1/2 (1 Panel) (Outside Casing Size: 38 1/2 X 83 3/4), Siteline EX Siteline Wood Single-Swing Door Auralast Pine, (**Primed**) **Prime-Interior** Brickmould Brilliant White Metal DripCap, Standard Sill 4 9/16 Jamb , TEMP-Low-E Argon Filled, Preserve Film, 7/8-Bead-SDL Trad'l. Bead INT BAR, W/Light-Bronze-Shadow Bar) (2W 2H) Inswing T-2 (No-Handle)(A) NEW 2-1/8--Double-Bore--2 3/8 Backset (Center To Center 6") Oil-Rubbed-Bronze-Hinge-(Adjustable)-(A) (8"-BTM-Rail) (**Clad-White-Flat-BTM-Panel**) W/1-Vert Stile (Lock- Rail-Position Standard 36" Bottom Of Panel To CTR Of Lock Rail) (Drip-Lip:Brown) PEV 2014.1.0.879/PDV 5.886 (01/03/14) NW		1	\$1,165.48
Line-2	Breakfast Rough Opening: 72 3/4 X 95 1/4	Main Line Item Frame Size : 72 X 94 1/2 (Outside Casing Size: 74 1/2 X 95 3/4), Siteline EX Wood Mull Auralast Pine, Inswing Door Product, Primed Exterior, Primed Interior, Brick Mould, Brilliant White Metal DripCap, 1 Wide 2 High, 4 9/16 Jamb, Insulated Low-E Annealed Glass, Argon Filled, PEV 2014.1.0.879/PDV 5.886 (01/03/14) NW		1	\$2,054.46



Viewed from Exterior. Scale: 1/4" = 1'



Viewed from Exterior. Scale: 1/4" = 1'

BUTLER Window & Door., Inc
 PO Box 2774
 Winchester, VA 22604
 Phone: (540) 819-5799



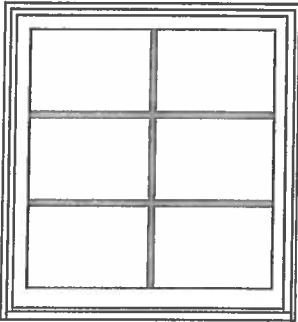
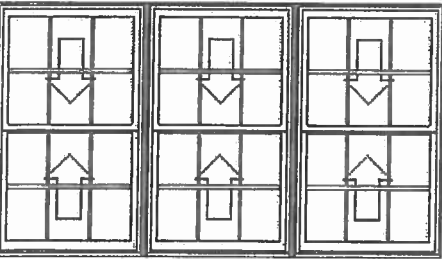
QUOTE BY: Brian Keesling
SOLD TO: Touchstone Custom Homes
 Clint

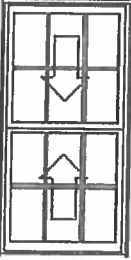
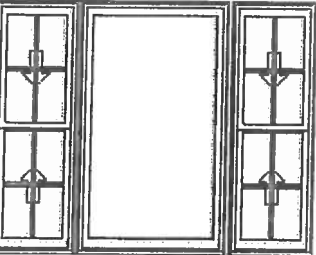

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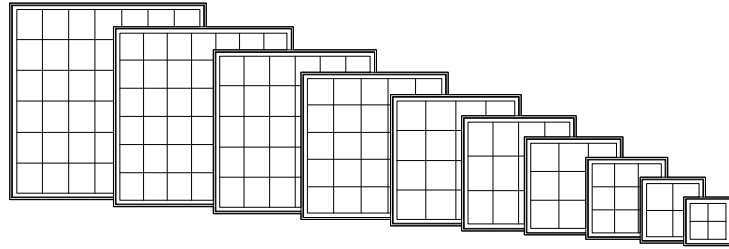
PO#:
Ship Via: Ground/Next Truck

REFERENCE:

LINE NO.	LOCATION SIZE INFO	BOOK CODE DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE
Line-1	Bsmt Game Rm Rough Opening: 38 1/8 X 40 3/4	EWD3740 Frame Size : 37 3/8 X 40 (Outside Casing Size: 40 X 42 3/16), Siteline EX Wood Fixed Auralast Pine, Double Hung Product, Primed Exterior, Primed Interior, Brick Mould, Standard Sill Nosing, Brilliant White Metal DripCap, 4 9/16 Jamb, US National-WDMA PG 35, Insulated Low-E Annealed Glass, Argon Filled, 7/8" Bead SDL w/Perm Wood Trad'l. Bead Int BAR, Primed Wood SDL, Light Bronze Shadow Bar, Colonial 2 Wide 3 High GlassThick=0.7095, PEV 2014.1.0.879/PDV 5.886 (01/03/14) NW			
					
	Viewed from Exterior. Scale: 1/2" = 1'				
			\$388.48	1	\$388.48
Line-2	Bsmt Rec Rm Rough Opening: 112 7/8 X 64 3/4	EWD3764-3 Frame Size : 112 1/8 X 64 (Outside Casing Size: 114 3/4 X 66 3/16), Siteline EX Wood Double Hung, Auralast Pine, 3 Wide Flanker= 37 3/8 , Primed Exterior, Primed Interior, Brick Mould, Standard Sill Nosing, Brilliant White Metal DripCap, 4 9/16 Jamb, White Jambliner, White Hardware, US National-WDMA DP 35, Insulated Low-E Annealed Glass, Argon Filled, 7/8" Bead SDL w/Perm Wood Trad'l. Bead Int BAR, Primed Wood SDL, Light Bronze Shadow Bar, Colonial All Lite(s) 3 Wide 2 High Top 2 High Btm BetterVue Mesh Brilliant White Screen, This mull configuration complies with AAMA 450 standards and is professional engineer-approved. PEV 2014.1.0.879/PDV 5.886 (01/03/14) NW			
					
	Viewed from Exterior. Scale: 1/4" = 1'				
			\$1,792.48	1	\$1,792.48

LINE NO.	LOCATION SIZE INFO	BOOK CODE DESCRIPTION	UNIT PRICE	QTY	EXTENDED PRICE
Line-3	Bsmt Bed Rough Opening: 34 1/8 X 64 3/4	EWD3364 Frame Size : 33 3/8 X 64 (Outside Casing Size: 36 X 66 3/16), Siteline EX Wood Double Hung, Auralast Pine, Primed Exterior, Primed Interior, Brick Mould, Standard Sill Nosing, Brilliant White Metal DripCap, 4 9/16 Jamb, Standard Double Hung, White Jambliner, White Hardware, BetterVue Mesh Brilliant White Screen, US National-WDMA PG 35, Insulated Low-E Annealed Glass, Argon Filled, 7/8" Bead SDL w/Perm Wood Trad'l. Bead Int BAR, Primed Wood SDL, Light Bronze Shadow Bar, Colonial All Lite(s) 3 Wide 2 High Top 2 High Btm, GlassThick=0.7095, Clear Opening:29.825w, 28.332h, 5.868 sf PEV 2014.1.0.879/PDV 5.886 (01/03/14) NW			
					
	Viewed from Exterior. Scale: 1/4" = 1'				
			\$557.38	1	\$557.38
Line-4	Liv / Din Rm Rough Opening: 80 7/8 X 64 3/4	Main Line Item Frame Size : 80 1/8 X 64 (Outside Casing Size: 82 3/4 X 66 3/16), Siteline EX Wood Mull Auralast Pine, Double Hung Product, Primed Exterior, Primed Interior, Brick Mould, Standard Sill Nosing, Brilliant White Metal DripCap, 3 Wide 1 High, 4 9/16 Jamb, US National-WDMA DP 35, Insulated Low-E Annealed Glass, Argon Filled, This mull configuration complies with AAMA 450 standards and is professional engineer-approved. PEV 2014.1.0.879/PDV 5.886 (01/03/14) NW			
					
	Viewed from Exterior. Scale: 1/4" = 1'				
			\$1,268.49	2	\$2,536.98
Line-5	Liv Rm Rough Opening: 20 3/4 X 32 3/4	Frame Size : 20 X 32 (Outside Casing Size: 23 X 34 7/16), Siteline EX Wood Casement, Auralast Pine, Primed Exterior, Primed Interior, Brick Mould, Standard Sill Nosing, Brilliant White Metal DripCap, 4 9/16 Jamb, 4/4 Thick, Hinge Left, Folding Handle, White Hardware, Concealed/Stainless Hardware, US National-WDMA PG 35, Insulated Low-E Annealed Glass, Argon Filled, 7/8" Bead SDL w/Perm Wood Trad'l. Bead Int BAR, Primed Wood SDL, Light Bronze Shadow Bar, Colonial 2 Wide 2 High BetterVue Mesh Brilliant White Screen, *Custom-Height*, GlassThick=0.7095, Clear Opening:12.011w, 27.585h, 2.3 sf PEV 2014.1.0.879/PDV 5.886 (01/03/14) NW			
					
	Viewed from Exterior. Scale: 1/2" = 1'				
			\$363.85	1	\$363.85

GENERAL INFORMATION
CASEMENT



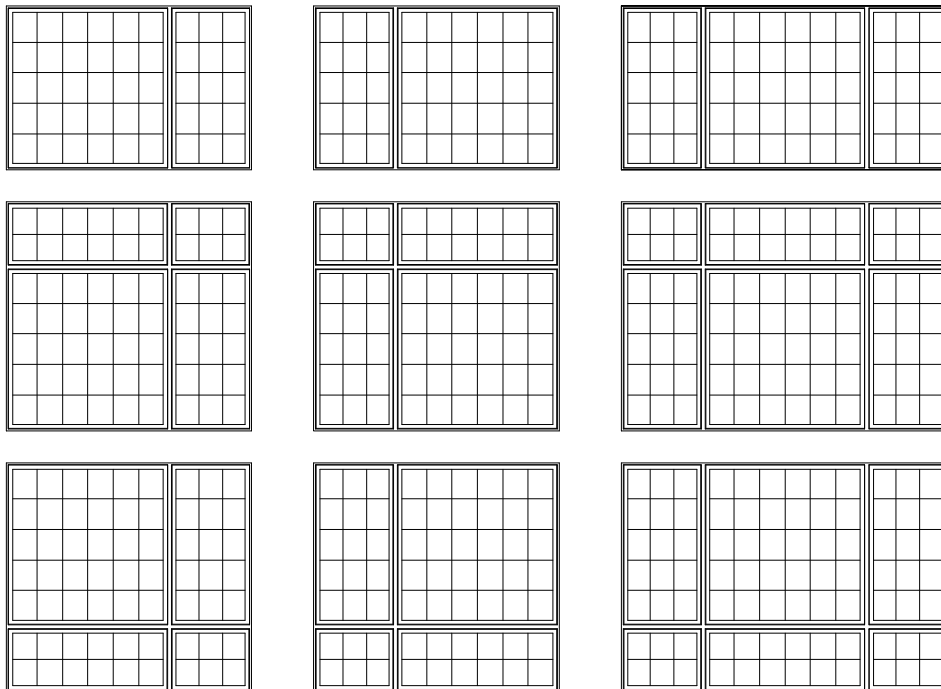
DIMENSIONAL WINDOWS

Wood casement windows may be specified as "dimensional", by adjusting the desired rough opening width or height in 1/4" increments from standard.

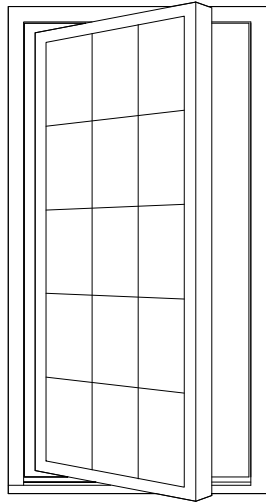
Wood casement windows are available with left or right hand operation, or stationary (non-venting). Operating mechanism includes corrosion resistant steel hinges and dual arm roto-type operator with hardened steel gears and operating arms. Sash locks are concealed unison type with an exposed locking lever and escutcheon plate. There are several interior hardware finish options. Refer to the Specifications for finish options.

MULTIPLE ASSEMBLIES

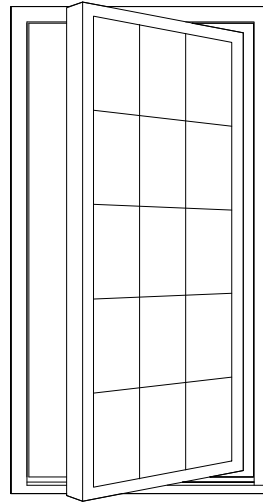
Wood casement windows may be mullied above, below, or beside other wood casement windows, or other wood window products. Factory assembled mulls are limited in height (100"), width (150"), and a total area (75 square feet).



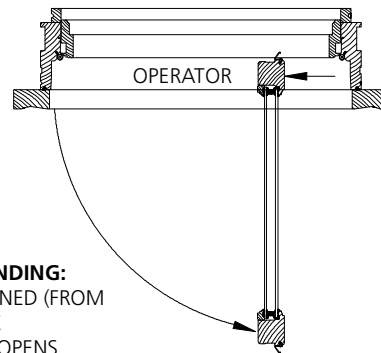
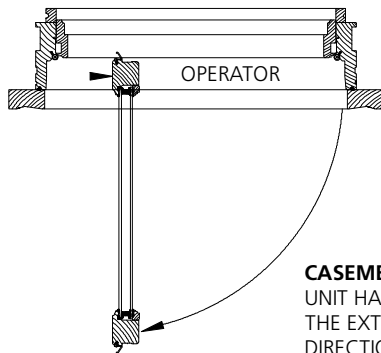
**HANDING & OPERATION
CASEMENT**



**LEFT
HAND**



**RIGHT
HAND**



CASEMENT UNIT HANDING:
UNIT HANDING IS DEFINED (FROM
THE EXTERIOR) AS THE
DIRECTION THE SASH OPENS.

ELEVATION NOTES
CASEMENT

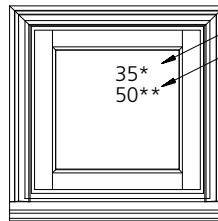
ELEVATION DRAWINGS UTILIZE A LIMITED NUMBER OF PROJECTED LINES TO PRODUCE A RUDIMENTARY DRAWING INTENDED TO BE USED IN A SMALL GRAPHICAL SCALE. ELEVATIONS ARE VIEWED PERPENDICULAR FROM THE EXTERIOR OF THE STRUCTURE. IF MORE DIMENSIONS ARE NEEDED, USE THE SECTION DRAWINGS FOR MORE COMPLETE DEPICTIONS.

M.O. Brickmould
M.O. Adams/Flat Casing
Rough Opening
Frame Size
Glass Size

21 1/2" (546)
24 1/2" (645)
18 3/4" (476)
18" (457)
12 3/32" (307)

Masonry Openings for Brickmould, Flat & Adams Casing.
Vertical measurements include subsill.
(Subtract 1/2" from Masonry Opening for Unit Size)

20 15/16" (532)
22 7/16" (570)
18 3/4" (476)
18" (457)
12 3/32" (307)



DP Rating
Optional DP Rating

EWC1818

'EWC' INDICATES
SITELINE EX WOOD CASEMENT

THE FIRST TWO NUMBERS
INDICATE THE UNIT WIDTH

BOOK CODE

THE LAST TWO NUMBERS INDICATE
THE UNIT HEIGHT

STANDARD LITE BREAKUPS ARE
SHOWN ON EACH ELEVATION DRAWING

GENERAL CASEMENT NOTES

1. SITELINE EX WOOD CASEMENT (EWC) UNITS ARE AVAILABLE AS OPERATING OR STATIONARY UNITS.
2. 'EWCP' IN A BOOK CODE DENOTES THE UNIT IS A WOOD CASEMENT PICTURE (STATIONARY) UNIT.
3. UNIT ELEVATIONS ARE SHOWN WITH BRICKMOULD AND SUBSILL.
4. ELEVATION DRAWINGS SHOW STANDARD LITE CUTS FOR 7/8"[22] OR 1 1/8"[29] GRILLE BARS OR SIMULATED DIVIDED LITE.
5. OPERATING UNITS ARE AVAILABLE AS LEFT OR RIGHT HAND OPERATION.
6. DIMENSIONAL VALUES IN PARENTHESSES ARE MILLIMETER CONVERSIONS.
7. ALL GLASS SIZES ARE NOMINAL.

ELEVATION SYMBOL LEGEND:

- M.O.** MASONRY OPENING
- ###** NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
- ####** NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.
- E** BASIC UNIT CLEAR OPENING EXCEEDS 20" IN WIDTH, 24" IN HEIGHT & A MINIMUM OF 5.7 SQ. FT.
- S** AVAILABLE AS STATIONARY ONLY.

1-WIDE UNITS

M.O. BRICKMOULD	21 1/2" (546)	23 1/2" (597)	27 1/2" (699)	31 1/2" (800)	33 1/2" (851)	35 1/2" (902)	39 1/2" (1033)
M.O. ADAMS/FLAT CASING	24 1/2" (622)	26 1/2" (673)	30 1/2" (775)	34 1/2" (876)	36 1/2" (927)	38 1/2" (978)	42 1/2" (1080)
ROUGH OPENING	18 3/4" (476)	20 3/4" (527)	24 3/4" (629)	28 3/4" (730)	30 3/4" (781)	32 3/4" (832)	36 3/4" (933)
FRAME SIZE	18" (457)	20" (508)	24" (610)	28" (711)	30" (762)	32" (813)	36" (914)
DAYLIGHT OPENING	12 3/32" (307)	14 3/32" (358)	18 3/32" (460)	22 3/32" (561)	24 3/32" (612)	26 3/32" (663)	30 3/32" (764)
14 15/16" (379) 15 7/16" (418) 16 1/2" (424) 17 1/4" (434) 17 1/2" (438) 18" (457) 18 1/4" (461) 18 3/8" (465) 18 1/2" (469) 18 5/8" (473) 19" (483) 19 1/4" (487) 19 1/2" (491) 19 3/4" (495) 20" (508)							
20 15/16" (532) 21 7/16" (570) 22 1/2" (576) 23 1/4" (586) 23 1/2" (590) 24" (609) 24 1/4" (613) 24 1/2" (617) 24 3/4" (621) 25" (634) 25 1/4" (638) 25 1/2" (642) 25 3/4" (646) 26" (659) 26 1/4" (663) 26 1/2" (667) 26 3/4" (671) 27" (684)							
22 15/16" (583) 23 7/16" (621) 24 1/2" (627) 25 1/4" (637) 25 1/2" (641) 26" (660) 26 1/4" (664) 26 1/2" (668) 26 3/4" (672) 27" (685) 27 1/4" (689) 27 1/2" (693) 27 3/4" (697) 28" (710) 28 1/4" (714) 28 1/2" (718) 28 3/4" (722) 29" (735)							
26 15/16" (684) 28 1/16" (722) 28 3/8" (726) 28 1/2" (730) 28 5/8" (734) 29" (747) 29 1/4" (751) 29 1/2" (755) 29 3/4" (759) 30" (772) 30 1/4" (776) 30 1/2" (780) 30 3/4" (784) 31" (797) 31 1/4" (801) 31 1/2" (805) 31 3/4" (809) 32" (822)							
30 15/16" (786) 31 7/16" (824) 32 1/2" (830) 33 1/4" (840) 33 1/2" (844) 34" (863) 34 1/4" (867) 34 1/2" (871) 34 3/4" (875) 35" (888) 35 1/4" (892) 35 1/2" (896) 35 3/4" (900) 36" (913) 36 1/4" (917) 36 1/2" (921) 36 3/4" (925) 37" (938)							
32 15/16" (837) 34 1/16" (875) 34 3/8" (879) 34 1/2" (883) 34 5/8" (887) 35" (900) 35 1/4" (904) 35 1/2" (908) 35 3/4" (912) 36" (925) 36 1/4" (929) 36 1/2" (933) 36 3/4" (937) 37" (950) 37 1/4" (954) 37 1/2" (958) 37 3/4" (962) 38" (975)							
38 15/16" (889) 40 1/16" (927) 40 3/8" (931) 40 1/2" (935) 40 5/8" (939) 41" (952) 41 1/4" (956) 41 1/2" (960) 41 3/4" (964) 42" (977) 42 1/4" (981) 42 1/2" (985) 42 3/4" (989) 43" (1002) 43 1/4" (1006) 43 1/2" (1010) 43 3/4" (1014) 44" (1027)							
44 15/16" (1141) 46 1/16" (1179) 46 3/8" (1183) 46 1/2" (1187) 46 5/8" (1191) 47" (1204) 47 1/4" (1208) 47 1/2" (1212) 47 3/4" (1216) 48" (1229) 48 1/4" (1233) 48 1/2" (1237) 48 3/4" (1241) 49" (1254) 49 1/4" (1258) 49 1/2" (1262) 49 3/4" (1266) 50" (1279)							
50 15/16" (1284) 52 1/16" (1322) 52 3/8" (1326) 52 1/2" (1330) 52 5/8" (1334) 53" (1347) 53 1/4" (1351) 53 1/2" (1355) 53 3/4" (1359) 54" (1372) 54 1/4" (1376) 54 1/2" (1380) 54 3/4" (1384) 55" (1397) 55 1/4" (1401) 55 1/2" (1405) 55 3/4" (1409) 56" (1422)							

Replacement Window

Replacement Window

Basement Egress Window

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS

E 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.

##* INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING

##** INDICATES OPTIONAL DESIGN PRESSURE (DP) 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'

