

ADDRESS: 2016 SPRUCE ST

Proposal: Construct third-story addition and garages

Review Requested: Final Approval

Owner: Charles Peruto

Applicant: Lindsey Glasgow, Peruto Development LLC

History: 1870

Individual Designation: 1/6/1972

District Designation: Rittenhouse Fidler Historic District, Contributing, 2/8/1995

Staff Contact: Megan Cross Schmitt, megan.schmitt@phila.gov, 215-686-7660

BACKGROUND:

This three-story double-wide brownstone at 2016 Spruce Street is a contributing structure in the Rittenhouse-Fidler Historic District. It was constructed c. 1870.

SCOPE OF WORK

- Construct a third story on the existing two-story addition at the rear.
- Construct a one-car garage.
- Construct a four-car garage with deck.
- Rebuild existing sun room at rear of house.
- Replace all windows at rear of house.

STANDARDS FOR REVIEW:

The Secretary of the Interior's Standards for the Treatment of Historic Properties and Guidelines include:

- *Standard 9: New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new works shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.*
 - The proposed new third story at the existing two-story rear addition involves the demolition of historic fabric, including brick walls and windows. The amount of demolition should be reduced to satisfy the standard.
 - Brick is proposed for the new third-story addition to match the other existing floors. The proposal to match the new third-story cornice with the existing may not sufficiently differentiate the new floor from the original. The staff recommends that the applicant consider a mansard roof at the new addition instead.
 - The applicant proposes composite windows at the rear of the house that appear to be appropriate for use on this secondary facade. Two new masonry openings are proposed for the southern façade of the existing two-story addition in order to accommodate access to the proposed deck. Three existing windows at the ground floor of the addition are to be filled in.
 - The proposed garage doors facing Cypress Street would not detract from this service alley which is already comprised of other garage doors along the block.
- *Standard 10: New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.*
 - The construction off the proposed third story at the existing two-story rear building involves the demolition of historic fabric, including brick walls and windows. The amount of demolition should be reduced to satisfy the standard.

- The new third story appears to connect to the rear wall of the existing main house sensitively.

STAFF RECOMMENDATION: Approval, provided the amount of demolition proposed at the two-story rear building is reduced, with the staff to review details, pursuant to Standards 9 and 10.

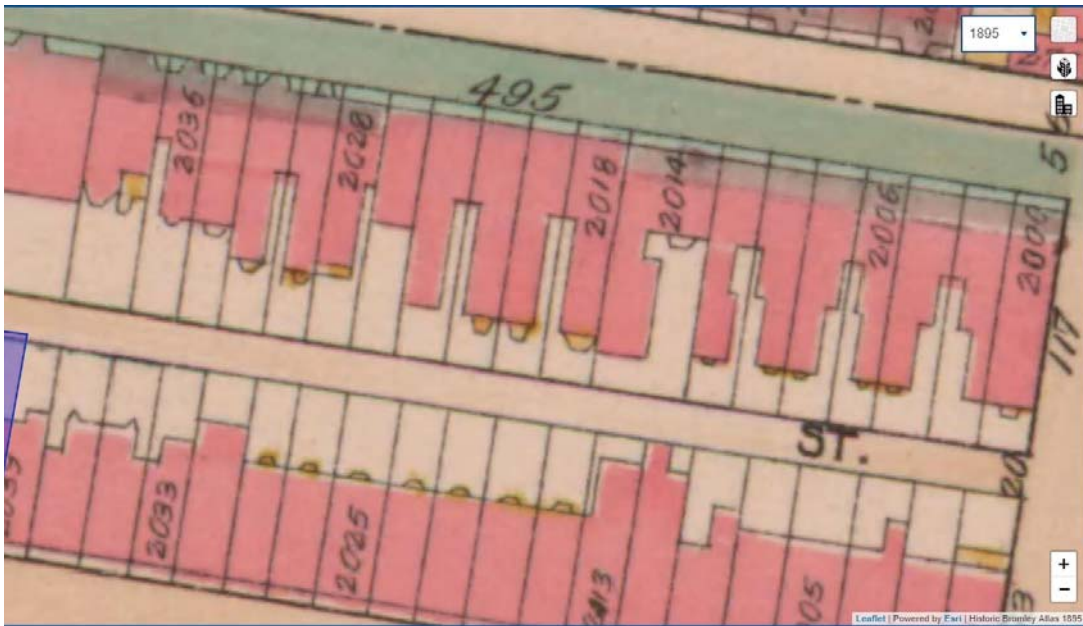


Figure 1. Historic Bromley Atlas, 1895

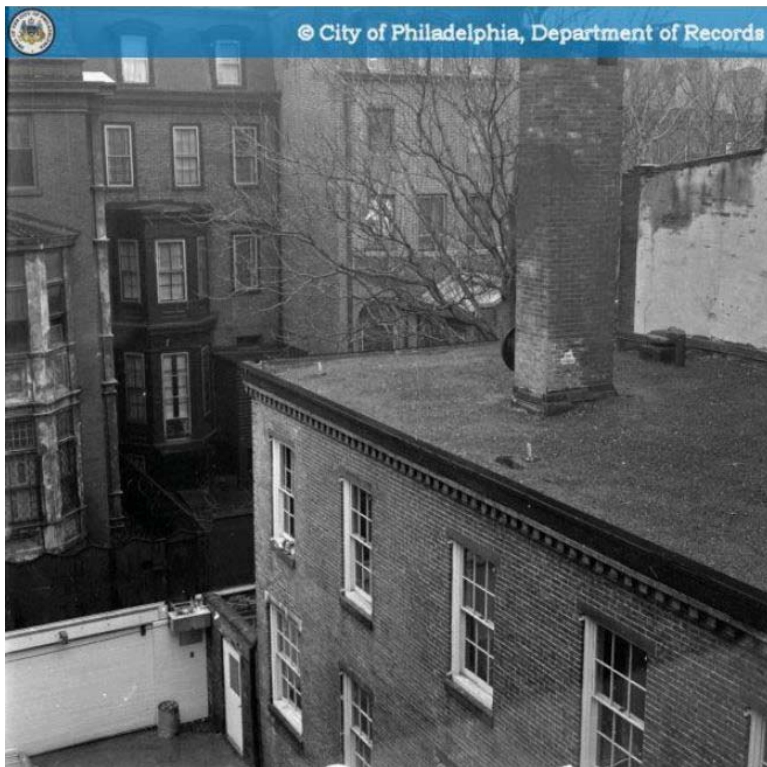


Figure 2. View of rear addition, Department of Records, 1972.

APPLICATION FOR BUILDING PERMIT

APPLICATION # _____

(Please complete all information below and print clearly)



CITY OF PHILADELPHIA
DEPARTMENT OF LICENSES AND INSPECTIONS
MUNICIPAL SERVICES BUILDING – CONCOURSE
1401 JOHN F. KENNEDY BOULEVARD
PHILADELPHIA, PA 19102
For more information visit us at www.phila.gov/li

ADDRESS OF PROPOSED CONSTRUCTION:

2016 Spruce Street Philadelphia, PA 19103

APPLICANT:

Lindsey Glasgow

COMPANY NAME

Peruto Development, LLC

PHONE # (814) 330-6828

FAX #

PROPERTY OWNER'S NAME:

A. Charles Peruto, Jr.

PHONE # (217) 735-1010

FAX #

ARCHITECT/ENGINEER IN RESPONSIBLE CHARGE

Richard W. Sauder, AIA

ARCHITECT/ENGINEERING FIRM:

Richard W. Sauder, AIA

PHONE # (215) 745-3534

FAX #

CONTRACTOR:

Peruto Development, LLC

CONTRACTING COMPANY:

Peruto Development, LLC

PHONE # (215) 735-1010

FAX #

APPLICANT'S ADDRESS:

2101 Pine Street

Philadelphia, PA 19103

LICENSE #

E-MAIL: Lindsey@peruto.com

PROPERTY OWNER'S ADDRESS:

2101 Pine Street Philadelphia, PA 19103

ARCHITECT/ENGINEERING FIRM ADDRESS:

2 South York Road, Second Floor

Hatboro, PA 19040

LICENSE # RA009273X

E-MAIL: rwsaia@comcast.net

CONTRACTING COMPANY ADDRESS:

2101 Pine Street

Philadelphia, PA 19103

LICENSE # 815879

E-MAIL: Lindsey@peruto.com

USE OF BUILDING/SPACE

Residential

ESTIMATED COST OF WORK

\$ 150,000.00

BRIEF DESCRIPTION OF WORK:

Replace all double hung windows at the rear of house (cypress street side)

Renovation/Fit-out of the existing 2 story addition at rear of house

Construction of a third story onto the existing 2-story addition at the rear of the house (brick to match existing)

Construction of a one car garage

Construction of a four car garage with a deck above

Re-Build Existing Sunroom at back of house

TOTAL AREA UNDERGOING CONSTRUCTION: 2,000.00

square feet

COMPLETE THESE ITEMS IF APPLICABLE TO THIS APPLICATION:

OF NEW SPRINKLER HEADS (suppression system permits only): _____

LOCATION OF SPRINKLERS: _____

OF NEW REGISTERS/DIFFUSERS (hvac/ductwork permits only): _____

LOCATION OF STANDPIPES: _____

IS THIS APPLICATION IN RESPONSE TO A VIOLATION? ☒ NO ☐ YES

VIOLATION #: _____

All provisions of the building code and other City ordinances will be complied with, whether specified herein or not. Plans approved by the Department form a part of this application. I hereby certify that the statements contained herein are true and correct to the best of my knowledge and belief. I further certify that I am authorized by the owner to make the foregoing application, and that, before I accept my permit for which this application is made, the owner shall be made aware of all conditions of the permit. I understand that if I knowingly make any false statement herein I am subject to such penalties as may be prescribed by law or ordinance.

APPLICANT'S SIGNATURE: _____

DATE: 08 / 11 / 2019

PRE-REQUISITE APPROVALS FOR:

ADDRESS:

APPLICATION #:

✓ IF REQ'D	AGENCY	INITIALS	DATE	REMARKS
	ART COMMISSION 13 TH FLOOR – 1515 ARCH STREET			
	CITY PLANNING COMMISSION 13 TH FLOOR – 1515 ARCH STREET			
	FAIRMOUNT PARK COMMISSION			
	<input type="checkbox"/> CITY <input type="checkbox"/> STATE AIR MANAGEMENT / HEALTH DEPT			
	HISTORICAL COMMISSION ROOM 576 – CITY HALL			
	STREETS DEPARTMENT ROOM 940 – M.S.B.			
	WATER DEPARTMENT 2 ND FLOOR – 1101 MARKET STREET			
	CONTRACTUAL SERVICES UNIT ROOM 1140 – M.S.B.			
	ZONING			

EXAMINER'S APPROVAL (OFFICE USE ONLY)

APPROVED USE OF BUILDING SPACE:

PERMIT TO READ:

CODE/EDITION USED FOR REVIEW:

WAS VIOLATION FOR WORK WITHOUT A PERMIT? ☐ NO ☐ YES (INSPECTION FEE MUST BE ADDED TO PERMIT FEE)

VIOLATION # _____

OTHER BUILDING PERMITS REQUIRED: ☐ FIRE SUPPRESSION ☐ HVAC/DUCT ☐ FUEL GAS

PLAN #	CONSTRUCTED AREA _____ SQ FT	<input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> ALTERATION	FEE ITEM	AMOUNT
			BLDG. PERMIT/C.O./L.O.	
CONSTRUCTION TYPE: _____ USE: _____	CO REQUIRED <input type="checkbox"/> NO <input type="checkbox"/> YES VARIANCES <input type="checkbox"/> NO <input type="checkbox"/> YES	NEW DWG UNITS: PROJECT TYPE	INSPECTION FEE	
			WATER METERS	
			CONSTRUCTION WATER	
			TOTAL FEES	

This is to certify that I have examined the within detailed statement, together with a copy of the plans relating thereto, and find the same to be in accordance with the provisions of the law relating to buildings in the City of Philadelphia, that the same has been approved and entered into the records of this Department.

EXAMINER: _____ DATE APPROVED: _____

PERMIT # _____

DATE ISSUED: _____

CHECK # _____

A. Charles Peruto, Jr.

2101 Pine Street | Philadelphia, PA 19103 | Chuck@Peruto.com | 215-735-1010

August 12, 2019

Philadelphia Historical & Architectural Commission
1515 Arch Street, 13th Floor,
Philadelphia, PA 19102

To Whom it May Concern:

We are requesting Final Approval for the following project:

Project Address: 2016 Spruce Street, Philadelphia, PA 19103

Owner: A. Charles Peruto Jr.

Scope of work:

- Work as shown on Drawings CS through A-5 dated 6/13/19 (permit set) and S-1 through S-4 dated 6/11/19 (permit set).
- Construction of a one Car Garage
- Construction of a four car Garage
- Construction of a third story onto the existing 2 story structure
- Renovation of the existing 2 story structure
- Replace all windows at the rear of the building

Finishes:

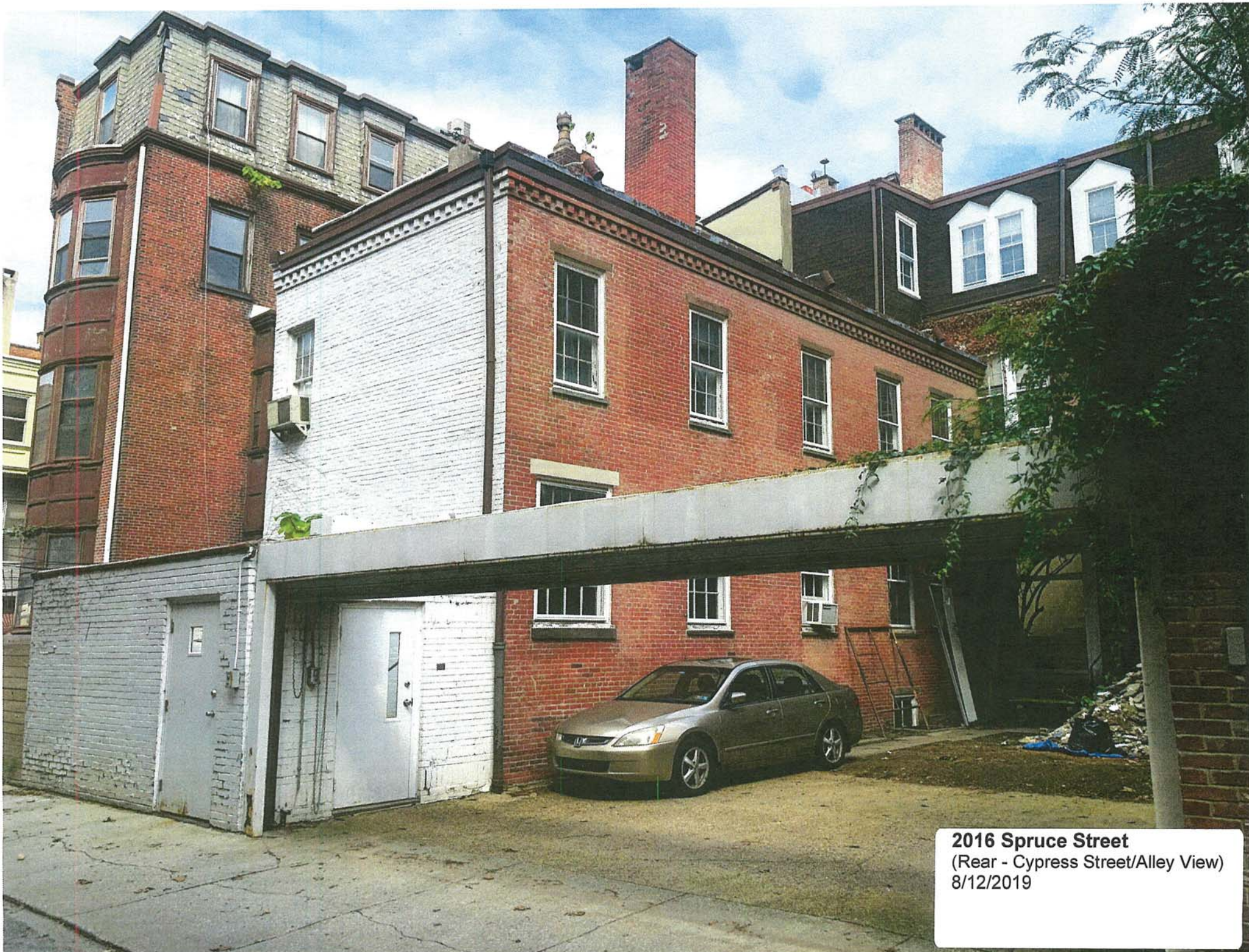
- See attached for more information
- Brick and cornice design will match existing
- Windows, Entry Doors and garage doors will be black
- Garage/Entry doors will be carriage style (as shown on the attached)

Enclosed is additional information regarding this project. We will also be in attendance at the meeting to answer any other questions you may have.


Sincerely,

A handwritten signature in dark ink, appearing to be 'A. Charles Peruto, Jr.', written over a horizontal line.

A. Charles Peruto, Jr.



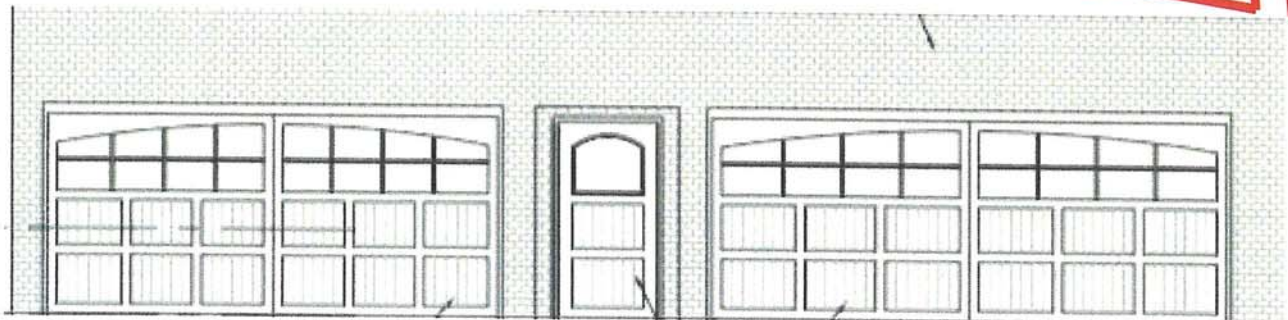
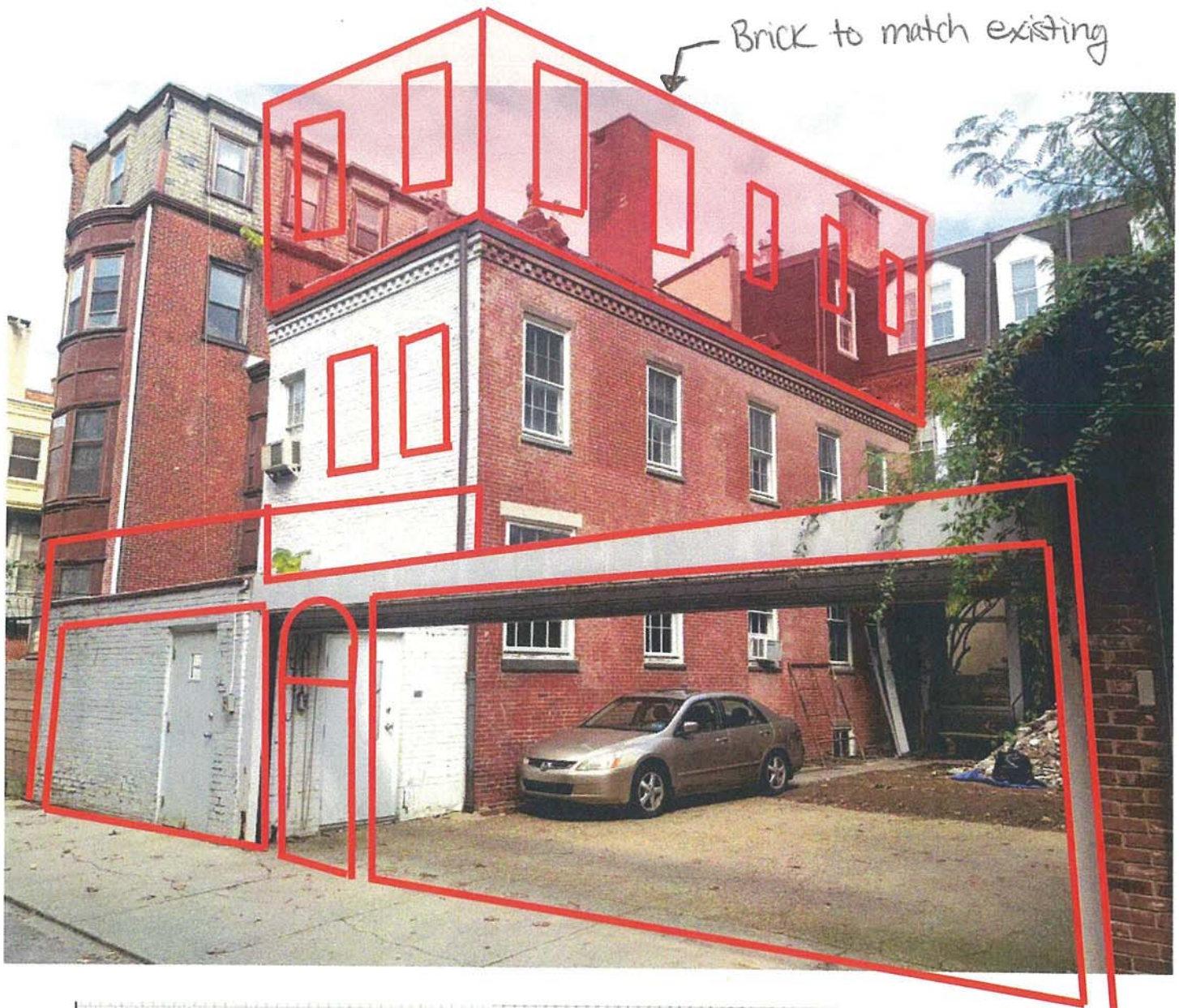
2016 Spruce Street
(Rear - Cypress Street/Alley View)
8/12/2019



2016 SPRUCE STREET
EXISTING GARAGE DOOR/OPENING

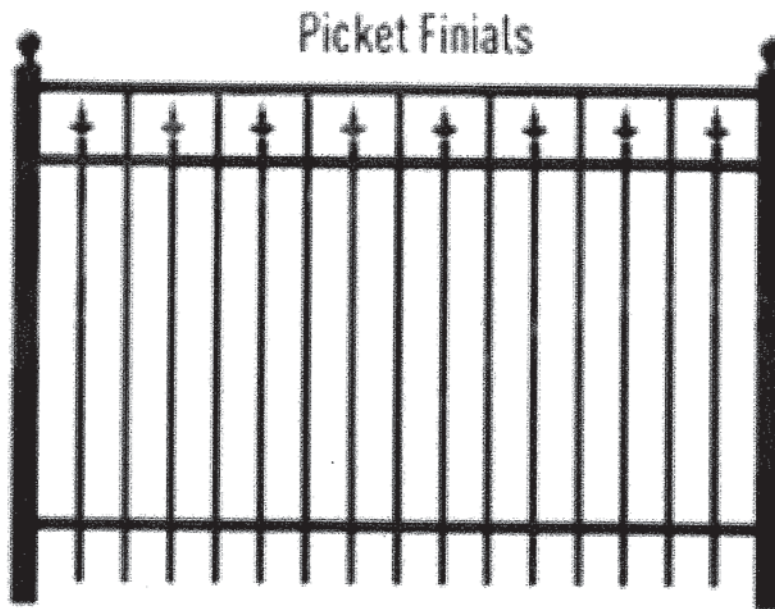
EXISTING CURB CUT

2016 Spruce Street Rear 3rd Floor Addition and Garage Construction



Railings

- Railings to be constructed of Black Aluminum in a style similar to what is shown below.
- Height of all railings to be 36"



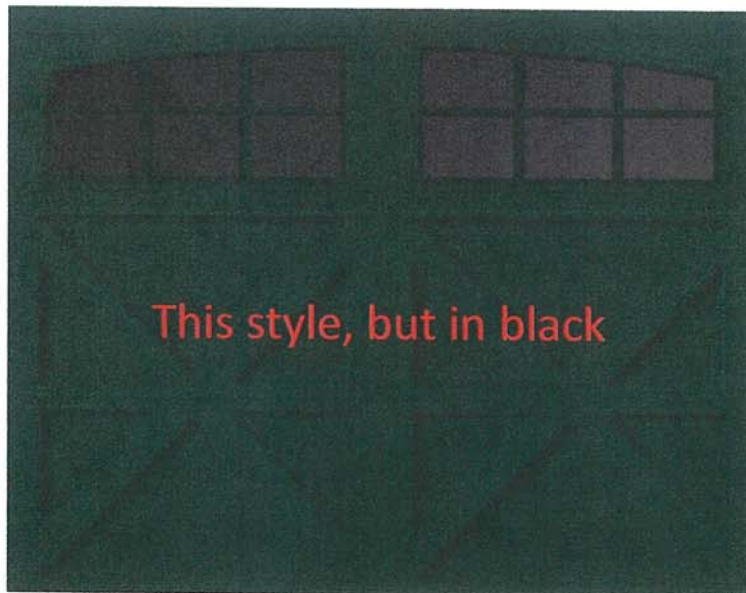
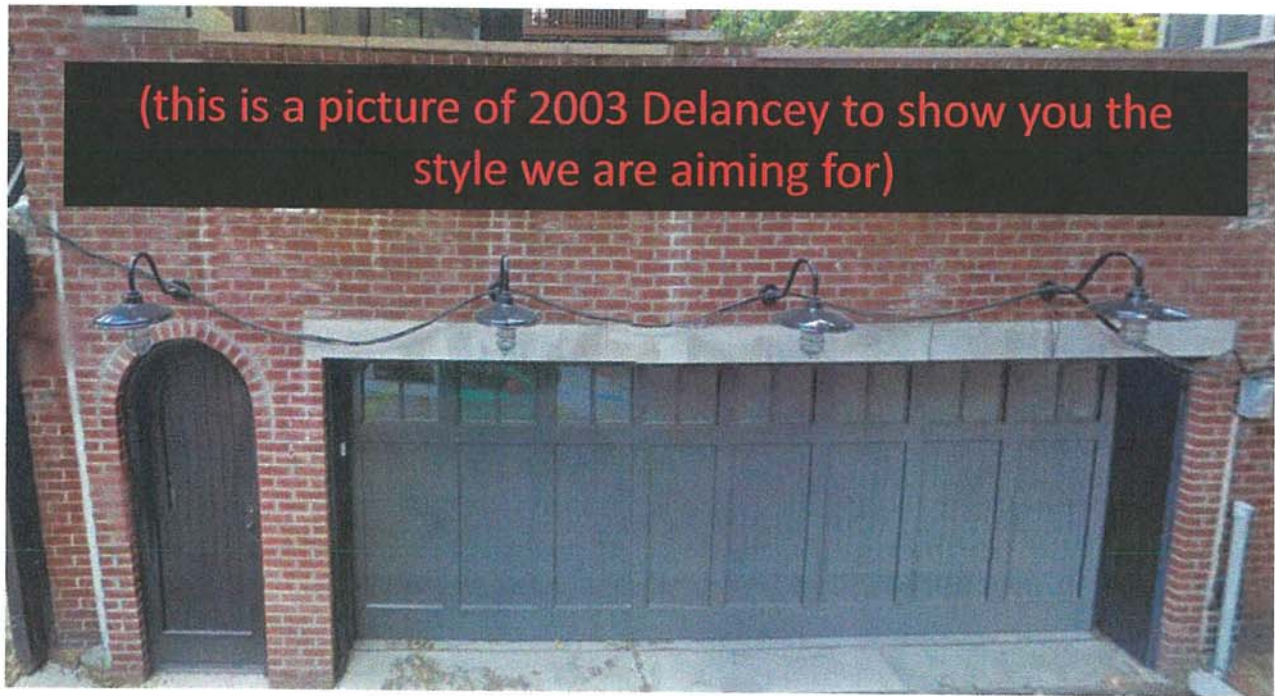
Cypress Street Entrance Door (door between the 2 garages)

- Carriage Style Door with windows similar to the style shown below
- Door will be painted Black to match the garage doors
- Door is similar to 2003 Delancey but we would like to have windows



Two Garage Doors (Facing Cypress Street)

- Style: Carriage
- Construction: Steel
- Color: Black
- See attached brochure for more information



Applied Products:



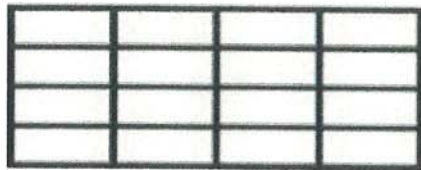
Style:	Color:
Carriage	Carriage House Collection
GREEN Steel	8' x 7' x 10' x 12' x 14' x 16' x 18' x 20' x 22' x 24' x 26' x 28' x 30' x 32' x 34' x 36' x 38' x 40' x 42' x 44' x 46' x 48' x 50' x 52' x 54' x 56' x 58' x 60' x 62' x 64' x 66' x 68' x 70' x 72' x 74' x 76' x 78' x 80' x 82' x 84' x 86' x 88' x 90' x 92' x 94' x 96' x 98' x 100'
Garage Door	Carriage House Collection

One Garage Door (Facing the back of the house...not visible to public)

- Style: Contemporary Aluminum
- Color: Black



Applied Products:



Windows

Green Tinted

Garage Door

Contemporary Aluminum

8850 Panel 16' x 7'

Paint

Powder Coat

Black

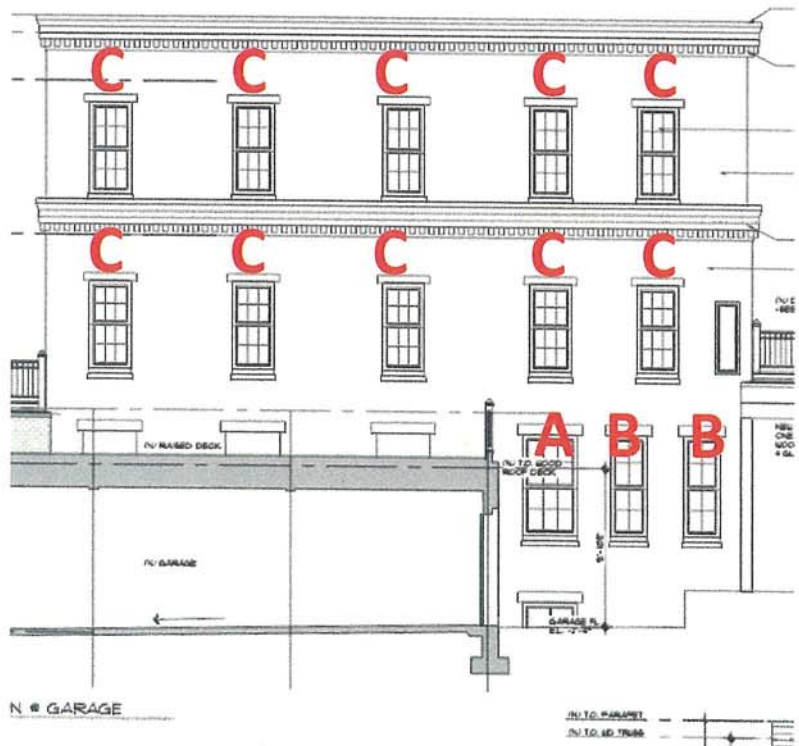
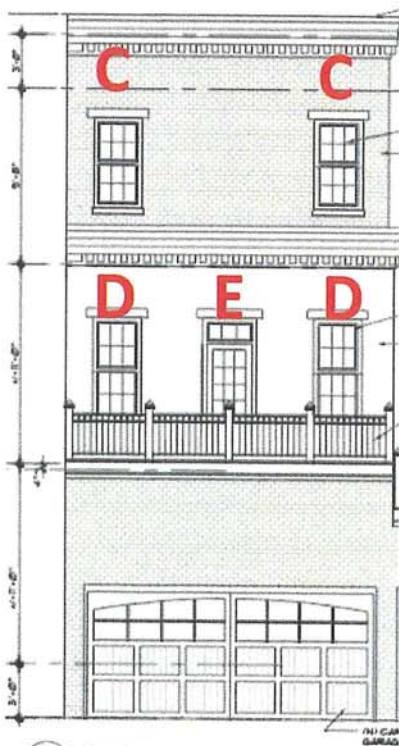
Roof

- The Roof will be a white EPDM flat roof to match the existing.



Windows

- Existing Windows on the 1st and 2nd floors of the addition will be replaced using the existing opening sizes.
- Windows on the 3rd floor new construction will match the 1st and 2nd floor





Andersen Windows - Abbreviated Quote Report
Project Name: Peruto Group 2016 Spruce



Quote #: 2029

Print Date: 07/19/2019

Quote Date: 07/19/2019

iQ Version: 19.0

Dealer: ABC Supply Co.
540 James Street
Lakewood, NJ 08701-4021

Sales Rep: Administrator - DO NOT REMOVE
Created By:

Customer: Lakewood

Billing

Address:

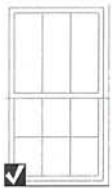
Phone:

Fax:

Contact:

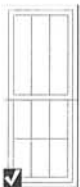
Trade ID: 022040

Promotion Code:



Viewed from Exterior

Item	Qty	Item Size (Operation)	Location	Unit Price	Ext. Price
0001	1	WDH34510E (AA)		\$ 897.17	\$ 897.17
RO Size = 3' 6 1/8" W x 6' 0 7/8" H Unit Size = 3' 5 5/8" W x 6' 0 7/8" H					
400 Series					
Unit, Equal Sash, Black/Clear Pine, High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite, 3w2h, 7/8", Chamfer, Ext Grille - Black, Int Grille - Pine (Each Sash) (Includes 6 9/16" Complete Unit Factory Applied Clear Pine Extension Jambs), Traditional, Stone, 1 Sash Locks					
Equal Sash, Insect Screen, Black					
Zone: North-Central					
U-Factor: 0.30, SHGC: 0.28, ENERGY STAR® Certified: Yes					



Viewed from Exterior

0002	2	WDH24510E (AA)		\$ 830.89	\$ 1661.78
RO Size = 2' 6 1/8" W x 6' 0 7/8" H Unit Size = 2' 5 5/8" W x 6' 0 7/8" H					
400 Series					
Unit, Equal Sash, Black/Clear Pine, High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite, 3w2h, 7/8", Chamfer, Ext Grille - Black, Int Grille - Pine (Each Sash) (Includes 6 9/16" Complete Unit Factory Applied Clear Pine Extension Jambs), Traditional, Stone, 1 Sash Locks					
Equal Sash, Insect Screen, Black					
Zone: North-Central					
U-Factor: 0.30, SHGC: 0.28, ENERGY STAR® Certified: Yes					

Item	Qty	Item Size (Operation)	Location	Unit Price	Ext. Price								
 Viewed from Exterior	0003	12 WDH210510E (AA)		\$ 864.06	\$ 10368.72								
RO Size = 3' 0 1/8" W x 6' 0 7/8" H Unit Size = 2' 11 5/8" W x 6' 0 7/8" H													
400 Series Unit, Equal Sash, Black/Clear Pine, High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite, 3w2h, 7/8", Chamfer, Ext Grille - Black, Int Grille - Pine (Each Sash) (Includes 6 9/16" Complete Unit Factory Applied Clear Pine Extension Jambs), Traditional, Stone, 1 Sash Locks Equal Sash, Insect Screen, Black													
Zone: North-Central U-Factor: 0.30, SHGC: 0.28, ENERGY STAR® Certified: Yes													
 Viewed from Exterior	0004	2 WDH21052E (AA)		\$ 819.67	\$ 1639.34								
RO Size = 3' 0 1/8" W x 5' 4 7/8" H Unit Size = 2' 11 5/8" W x 5' 4 7/8" H													
400 Series Unit, Equal Sash, Black/Clear Pine, High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite, 3w2h, 7/8", Chamfer, Ext Grille - Black, Int Grille - Pine (Each Sash) (Includes 6 9/16" Complete Unit Factory Applied Clear Pine Extension Jambs), Traditional, Stone, 1 Sash Locks Equal Sash, Insect Screen, Black													
Zone: North-Central U-Factor: 0.30, SHGC: 0.28, ENERGY STAR® Certified: Yes													
 Viewed from Exterior	0005	1 FWTD-1-3114/FWHID31611 (S/AR)		\$ 2421.72	\$ 2421.72								
RO Size = 3' 0 7/8" W x 8' 3" H Unit Size = 3' 0 1/8" W x 8' 2 3/8" H													
A Series Composite Unit, Black/Pine, Unfinished, Black Panel, High Performance Low-E4 Tempered Glass, Divided Light with Spacer, Mulling Location: Job Site, Mull Type: LVL 6 9/16 Reinforced Mull, Mull Priority: Horizontal Hardware Trim Set, FWH/FWO, Exterior, RH, Albany - Black Hardware Trim Set, FWH/FWO, Interior, RH, Albany - Stone													
Zone: North-Central Unit U-Factor SHGC ENERGY STAR® Certified													
<table><tr><td>1</td><td>0.30</td><td>0.22</td><td>Yes</td></tr><tr><td>2</td><td>0.31</td><td>0.21</td><td>No</td></tr></table>						1	0.30	0.22	Yes	2	0.31	0.21	No
1	0.30	0.22	Yes										
2	0.31	0.21	No										

Item	Qty	Item Size (Operation)	Location	Unit Price	Ext. Price
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Customer Signature

Total Load Factor

6.574

Subtotal

\$ 16,988.73

Tax (0.000%)

\$ 0.00

Grand Total

\$ 16,988.73

Dealer Signature

**** All graphics viewed from the exterior**

**** Rough opening dimensions are minimums and may need to be increased to allow for use of building wraps or flashings or sill panning or brackets or fasteners or other items.**



Ask to see if all of the products you purchase can be upgraded to be ENERGY STAR® certified.



This image indicates that the product selected is certified in the US ENERGY STAR® climate zone that you have selected.

Data is current as of December 2018. This data may change over time due to ongoing product changes or updated test results or requirements. Ratings for all sizes are specified by NFRC for testing and certification. Ratings may vary depending on the use of tempered glass or different grille options or glass for high altitudes etc.

Nexia is a registered trademark of Ingersoll Rand Inc.

Project Comments:



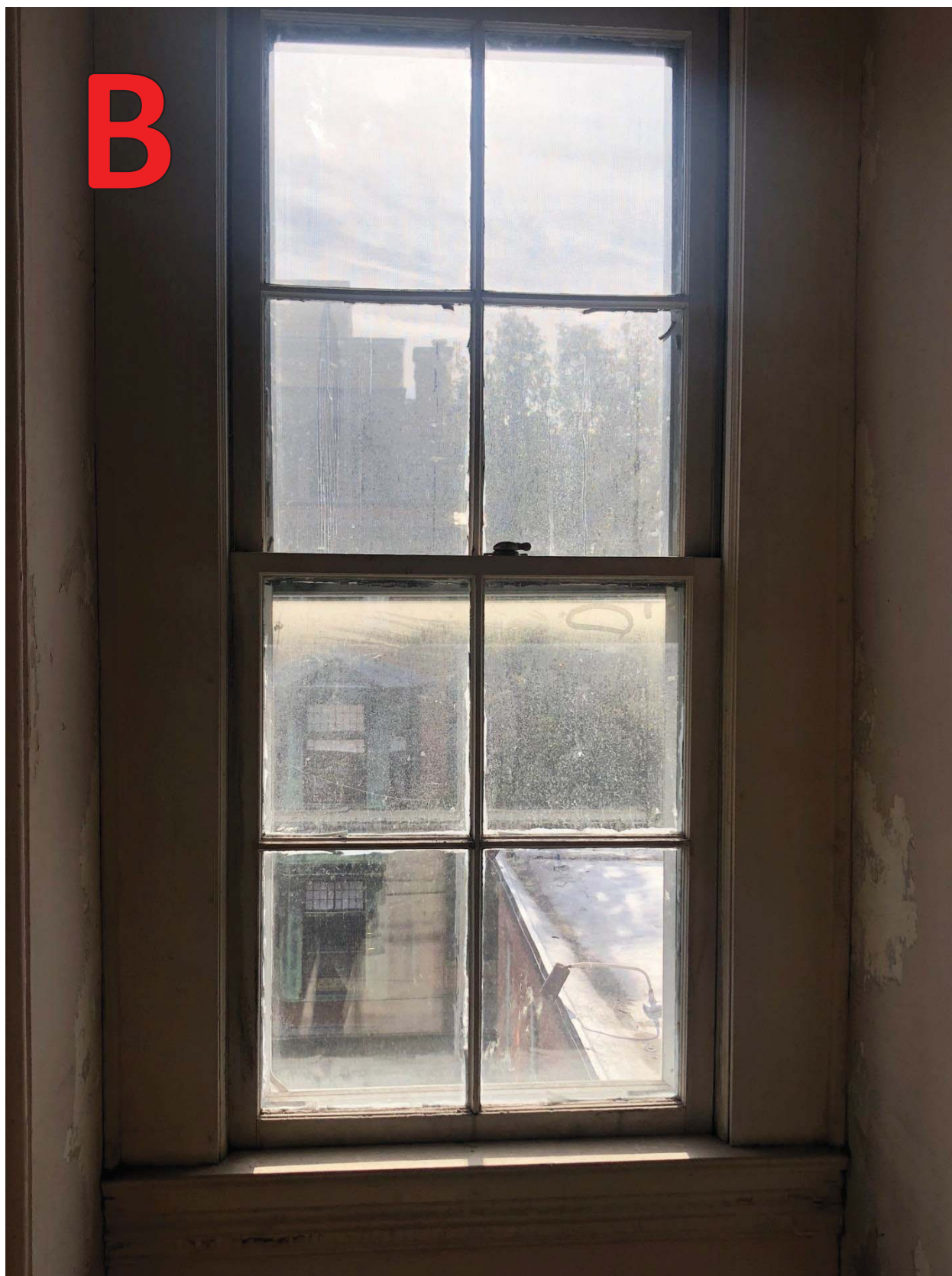




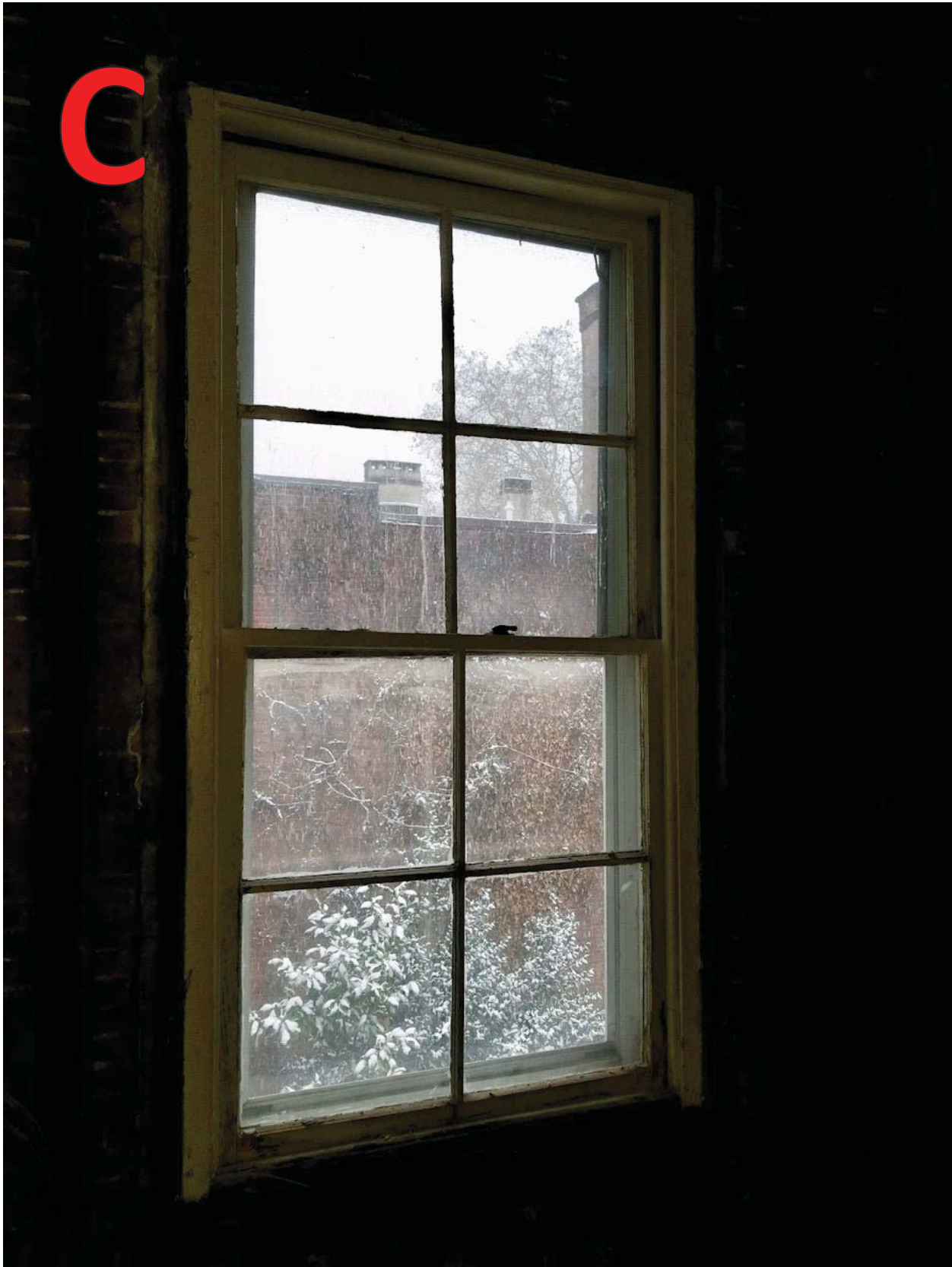
B



B



C







Andersen Windows - Printed Quote/Long Form

ABC Supply Co.
540 James Street
Lakewood, NJ 08701-4021



QUOTE:	1566	QUOTE DATE:	02/20/2019	PRINT DATE:	02/20/2019
CUSTOMER:	Lakewood	TRADE ID:	022040		
CELL:		PROMOTION CODE:			
PO#:					
SALESREP:	Administrator - DO NOT REMOVE				
PROJECT:	Peruto 2016 Spruce				
TERMS:					
PICKUP/DELIVERY:	Delivery				
CREATED BY:					

Billing Information

CONTACT:
PHONE:
FAX:
ADDRESS:

Shipping Information

CONTACT:
PHONE:
FAX:
ADDRESS:

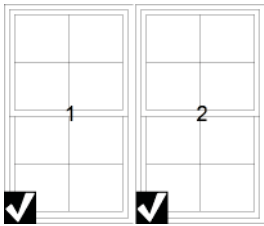
COMMENTS:

Line Item #: 0001 Line Item Qty: 1 Initial: _____

Location: _____

RO Size = 6' 10 3/4" W x 5' 9 3/4" H Unit Size = 6' 10" W x 5' 9" H

A



Viewed from Exterior

Composite Unit
Part Number: 0000000
Mulling Location: Factory (Direct)
Mull Priority: Vertical
Mulling Material: Non-Reinforced Mull
Unit Code/Item Size: ADH 3' 4 5/8" x 5' 9"-ADH 3' 4 5/8" x 5' 9"
Operation/Handling: AA-AA

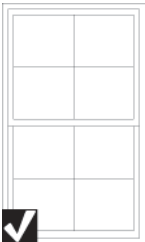
Comments:

Qty	Part Num	Item Size	Description	Total Price	Extended Price
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Total: (includes Mull Charges of \$166.27) \$ 66.27 \$ 66.27

Unit 1 of 2

(A)



Viewed from Exterior

A Series, ADH Single Units
Unit Code/Item Size: ADH 3' 4 5/8" x 5' 9" (Custom)
Operation/Handling: AA
Unit Sill Angle: 8 Degrees
Frame Depth: 4 9/16"
Exterior Color: Forest Green
Interior Species: Pine
Interior Color: Unfinished
Glass Type (Top): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Glass Type (Bottom): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Interior Grille (Top): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Top): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Interior Grille (Bottom): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Bottom): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Grille Construction (Top/Bot): Divided Light with Spacer/Divided Light with Spacer
Custom Lite Pattern (Top): 2w2h
Custom Lite Pattern (Bot): 2w2h
Insect Screens: Insect Screen, Forest Green
Hardware: Traditional, Stone, 2 Sash Locks

Zone: North-Central
U-Factor: 0.30, SHGC: 0.27, ENERGY STAR® Certified: Yes

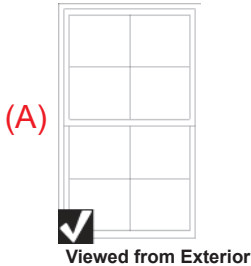
Comments:

Qty	Part Num	Item Size	Description	Total Price	Extended Price
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1	0000000	ADH 3' 4 5/8" x 5' 9"	Unit, 4 9/16" Frame Depth, Forest Green/Pine, Unfinished, High Performance Low-E4 (Each Sash), Divided Light with Spacer, Specified Equal Lite, 2w2h, 3/4", Ext Grille - Forest Green, Int Species - Pine, Int Grille Color - Unfinished(Each Sash), Traditional, Stone, 2 Sash Locks, w/ Standard Flange	\$ 821.48	\$ 821.48
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1	0000000	ADH 3' 4 5/8" x 5' 9"	Equal Sash, Insect Screen, Forest Green	\$ 53.57	\$ 53.57
				\$ 875.05	\$ 875.05

Unit 2 of 2



A Series, ADH Single Units
Unit Code/Item Size: ADH 3' 4 5/8" x 5' 9" (Custom)
Operation/Handing: AA
Unit Sill Angle: 8 Degrees
Frame Depth: 4 9/16"
Exterior Color: Forest Green
Interior Species: Pine
Interior Color: Unfinished
Glass Type (Top): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Glass Type (Bottom): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Interior Grille (Top): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Top): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Interior Grille (Bottom): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Bottom): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Grille Construction (Top/Bot): Divided Light with Spacer/Divided Light with Spacer
Custom Lite Pattern (Top): 2w2h
Custom Lite Pattern (Bot): 2w2h
Insect Screens: Insect Screen, Forest Green
Hardware: Traditional, Stone, 2 Sash Locks

Zone: North-Central
U-Factor: 0.30, SHGC: 0.27, ENERGY STAR® Certified: Yes

Comments:

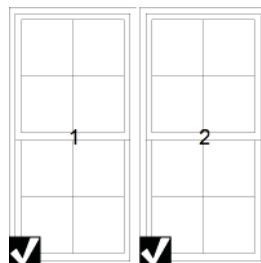
Qty	Part Num	Item Size	Description	Total Price	Extended Price
1	0000000	ADH 3' 4 5/8" x 5' 9"	Unit, 4 9/16" Frame Depth, Forest Green/Pine, Unfinished, High Performance Low-E4 (Each Sash), Divided Light with Spacer, Specified Equal Lite, 2w2h, 3/4", Ext Grille - Forest Green, Int Species - Pine, Int Grille Color - Unfinished(Each Sash), Traditional, Stone, 2 Sash Locks, w/ Standard Flange	\$ 821.48	\$ 821.48
1	0000000	ADH 3' 4 5/8" x 5' 9"	Equal Sash, Insect Screen, Forest Green	\$ 53.57	\$ 53.57
				\$ 875.05	\$ 875.05

Line Item #: 0002 Line Item Qty: 1 Initial: _____

Location: _____

RO Size = 5' 8 3/4" W x 5' 9 3/4" H Unit Size = 5' 8" W x 5' 9" H

B



Viewed from Exterior

Composite Unit
Part Number: 0000000
Mulling Location: Factory (Direct)
Mull Priority: Vertical
Mulling Material: Non-Reinforced Mull
Unit Code/Item Size: ADH 2' 9 5/8" x 5' 9"-ADH 2' 9 5/8" x 5' 9"
Operation/Handling: AA-AA

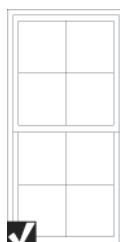
Comments:

Qty	Part Num	Item Size	Description	Total Price	Extended Price
-----	----------	-----------	-------------	-------------	----------------

Total: (includes Mull Charges of \$ 65.09) \$ ~~65.09~~ \$ 65.09

Unit 1 of 2

(B)



Viewed from Exterior

A Series, ADH Single Units
Unit Code/Item Size: ADH 2' 9 5/8" x 5' 9" (Custom)
Operation/Handling: AA
Unit Sill Angle: 8 Degrees
Frame Depth: 4 9/16"
Exterior Color: Forest Green
Interior Species: Pine
Interior Color: Unfinished
Glass Type (Top): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Glass Type (Bottom): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Interior Grille (Top): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Top): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Interior Grille (Bottom): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Bottom): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Grille Construction (Top/Bot): Divided Light with Spacer/Divided Light with Spacer
Custom Lite Pattern (Top): 2w2h
Custom Lite Pattern (Bot): 2w2h
Insect Screens: Insect Screen, Forest Green
Hardware: Traditional, Stone, 1 Sash Locks

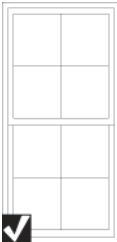
Zone: North-Central
U-Factor: 0.30, SHGC: 0.27, ENERGY STAR® Certified: Yes

Comments:

Qty	Part Num	Item Size	Description	Total Price	Extended Price
1	0000000	ADH 2' 9 5/8" x 5' 9"	Unit, 4 9/16" Frame Depth, Forest Green/Pine, Unfinished, High Performance Low-E4 (Each Sash), Divided Light with Spacer, Specified Equal Lite, 2w2h, 3/4", Ext Grille - Forest Green, Int Species - Pine, Int Grille Color - Unfinished(Each Sash), Traditional, Stone, 1 Sash Locks, w/ Standard Flange	\$ 779.36	\$ 779.36
1	0000000	ADH 2' 9 5/8" x 5' 9"	Equal Sash, Insect Screen, Forest Green	\$ 50.19	\$ 50.19
				\$ 829.55	\$ 829.55

Unit 2 of 2

(B)



Viewed from Exterior

A Series, ADH Single Units
Unit Code/Item Size: ADH 2' 9 5/8" x 5' 9" (Custom)
Operation/Handing: AA
Unit Sill Angle: 8 Degrees
Frame Depth: 4 9/16"
Exterior Color: Forest Green
Interior Species: Pine
Interior Color: Unfinished
Glass Type (Top): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Glass Type (Bottom): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Interior Grille (Top): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Top): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Interior Grille (Bottom): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Bottom): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Grille Construction (Top/Bot): Divided Light with Spacer/Divided Light with Spacer
Custom Lite Pattern (Top): 2w2h
Custom Lite Pattern (Bot): 2w2h
Insect Screens: Insect Screen, Forest Green
Hardware: Traditional, Stone, 1 Sash Locks

Zone: North-Central
U-Factor: 0.30, SHGC: 0.27, ENERGY STAR® Certified: Yes

Comments:

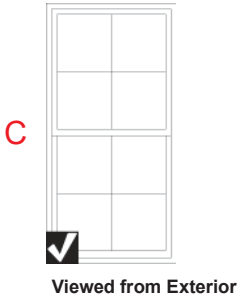
Qty	Part Num	Item Size	Description	Total Price	Extended Price
1	0000000	ADH 2' 9 5/8" x 5' 9"	Unit, 4 9/16" Frame Depth, Forest Green/Pine, Unfinished, High Performance Low-E4 (Each Sash), Divided Light with Spacer, Specified Equal Lite, 2w2h, 3/4", Ext Grille - Forest Green, Int Species - Pine, Int Grille Color - Unfinished(Each Sash), Traditional, Stone, 1 Sash Locks, w/ Standard Flange	\$ 779.36	\$ 779.36
1	0000000	ADH 2' 9 5/8" x 5' 9"	Equal Sash, Insect Screen, Forest Green	\$ 50.19	\$ 50.19

\$ 829.55 \$ 829.55
\$ 1,724.19

Line Item #: 0003 Line Item Qty: 1 Initial:

Location:

RO Size = 3' 3 1/4" W x 6' 6 1/4" H Unit Size = 3' 2 1/2" W x 6' 5 1/2" H



A Series, ADH Single Units
Unit Code/Item Size: ADH 3' 2 1/2" x 6' 5 1/2" (Custom)
Operation/Handling: AA
Unit Sill Angle: 8 Degrees
Frame Depth: 4 9/16"
Exterior Color: Forest Green
Interior Species: Pine
Interior Color: Unfinished
Glass Type (Top): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Glass Type (Bottom): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Interior Grille (Top): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Top): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Interior Grille (Bottom): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Bottom): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Grille Construction (Top/Bot): Divided Light with Spacer/Divided Light with Spacer
Custom Lite Pattern (Top): 2w2h
Custom Lite Pattern (Bot): 2w2h
Insect Screens: Insect Screen, Forest Green
Hardware: Traditional, Stone, 1 Sash Locks

Zone: North-Central
U-Factor: 0.30, SHGC: 0.27, ENERGY STAR® Certified: Yes

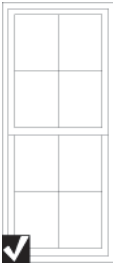
Comments:

Qty	Part Num	Item Size	Description	Total Price	Extended Price
1	0000000	ADH 3' 2 1/2" x 6' 5 1/2"	Unit, 4 9/16" Frame Depth, Forest Green/Pine, Unfinished, High Performance Low-E4 (Each Sash), Divided Light with Spacer, Specified Equal Lite, 2w2h, 3/4", Ext Grille - Forest Green, Int Species - Pine, Int Grille Color - Unfinished(Each Sash), Traditional, Stone, 1 Sash Locks, w/ Standard Flange	\$ 860.05	\$ 860.05
1	0000000	ADH 3' 2 1/2" x 6' 5 1/2"	Equal Sash, Insect Screen, Forest Green	\$ 56.72	\$ 56.72
				\$ 916.77	\$ 916.77

Line Item #: 0004 Line Item Qty: 1 Initial: _____

Location: _____

RO Size = 2' 6 1/4" W x 5' 9 3/4" H Unit Size = 2' 5 1/2" W x 5' 9" H



Viewed from Exterior

B - (SINGLE WINDOW)

A Series, ADH Single Units
Unit Code/Item Size: ADH 2' 5 1/2" x 5' 9" (Custom)
Operation/Handing: AA
Unit Sill Angle: 8 Degrees
Frame Depth: 4 9/16"
Exterior Color: Forest Green
Interior Species: Pine
Interior Color: Unfinished
Glass Type (Top): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Glass Type (Bottom): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Interior Grille (Top): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Top): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Interior Grille (Bottom): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Bottom): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Grille Construction (Top/Bot): Divided Light with Spacer/Divided Light with Spacer
Custom Lite Pattern (Top): 2w2h
Custom Lite Pattern (Bot): 2w2h
Insect Screens: Insect Screen, Forest Green
Hardware: Traditional, Stone, 1 Sash Locks

Zone: North-Central
U-Factor: 0.30, SHGC: 0.27, ENERGY STAR® Certified: Yes

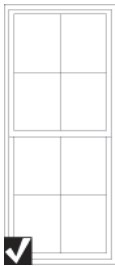
Comments:

Qty	Part Num	Item Size	Description	Total Price	Extended Price
1	0000000	ADH 2' 5 1/2" x 5' 9"	Unit, 4 9/16" Frame Depth, Forest Green/Pine, Unfinished, High Performance Low-E4 (Each Sash), Divided Light with Spacer, Specified Equal Lite, 2w2h, 3/4", Ext Grille - Forest Green, Int Species - Pine, Int Grille Color - Unfinished(Each Sash), Traditional, Stone, 1 Sash Locks, w/ Standard Flange	\$ 754.44	\$ 754.44
1	0000000	ADH 2' 5 1/2" x 5' 9"	Equal Sash, Insect Screen, Forest Green	\$ 48.18	\$ 48.18
				\$ 802.62	\$ 802.62

Line Item #: 0005 Line Item Qty: 2 Initial: _____

Location: _____

RO Size = 3' 1 3/4" W x 7' 3 1/2" H Unit Size = 3' 1" W x 7' 2 3/4" H



Viewed from Exterior

A Series, ADH Single Units
Unit Code/Item Size: ADH 3' 1" x 7' 2 3/4" (Custom)
Operation/Handing: AA
Unit Sill Angle: 8 Degrees
Frame Depth: 4 9/16"
Exterior Color: Forest Green
Interior Species: Pine
Interior Color: Unfinished
Glass Type (Top): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Glass Type (Bottom): High Performance Low-E4 Glass, Divided Light with Spacer, Specified Equal Lite
Interior Grille (Top): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Top): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Interior Grille (Bottom): Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 3/4", Chamfer
Exterior Grille (Bottom): Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 3/4", High Definition Chamfer
Grille Construction (Top/Bot): Divided Light with Spacer/Divided Light with Spacer
Custom Lite Pattern (Top): 2w2h
Custom Lite Pattern (Bot): 2w2h
Insect Screens: Insect Screen, Forest Green
Hardware: Traditional, Stone, 1 Sash Locks

Zone: North-Central
U-Factor: 0.30, SHGC: 0.27, ENERGY STAR® Certified: Yes

Comments:

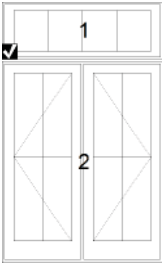
Qty	Part Num	Item Size	Description	Total Price	Extended Price
1	0000000	ADH 3' 1" x 7' 2 3/4"	Unit, 4 9/16" Frame Depth, Forest Green/Pine, Unfinished, High Performance Low-E4 (Each Sash), Divided Light with Spacer, Specified Equal Lite, 2w2h, 3/4", Ext Grille - Forest Green, Int Species - Pine, Int Grille Color - Unfinished(Each Sash), Traditional, Stone, 1 Sash Locks, w/ Standard Flange	\$ 906.92	\$ 1813.84
1	0000000	ADH 3' 1" x 7' 2 3/4"	Equal Sash, Insect Screen, Forest Green	\$ 60.52	\$ 121.04
				\$ 967.44	\$ 1,934.88

Line Item #: 0007 Line Item Qty: 1 Initial: _____

Location: _____

RO Size = 6' 4" W x 10' 4" H Unit Size = 6' 3 1/4" W x 10' 3 1/2" H

E



Viewed from Exterior

Composite Unit
Part Number: 0000000
Mulling Location: Job Site
Mull Priority: Horizontal
Mulling Material: LVL 4 9/16 Reinforced Mull
Unit Code/Item Size: FWTD-1-6424/FWHID6480
Operation/Handing: S/APLR

Comments:

Qty	Part Num	Item Size	Description	Total Price	Extended Price
Total: (includes Mull Charges of \$ 91.78) \$				91.78	\$ 91.78

Unit 1 of 2



Viewed from Exterior

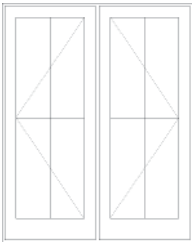
A Series, FWTD Single Panel Units
Unit Code/Item Size: FWTD-1-6424
Operation/Handing: S
Frame Depth: 4 9/16"
Exterior Color: Forest Green
Interior Species: Pine
Interior Color: Unfinished
Glass Type: High Performance Low-E4 Tempered Glass, Divided Light with Spacer, Specified Equal Lite
Interior Grille: Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 7/8" , Chamfer
Exterior Grille: Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 7/8" , High Definition Chamfer
Grille Construction: Divided Light with Spacer
Custom Lite Pattern: 4w1h

Zone: North-Central
U-Factor: 0.30, SHGC: 0.22, ENERGY STAR® Certified: Yes

Comments:

Qty	Part Num	Item Size	Description	Total Price	Extended Price
1	0000000	FWTD-1-6424	Unit, 4 9/16" Frame Depth, S Handing, Forest Green/Pine, Unfinished, High Performance Low-E4 Tempered, Divided Light with Spacer, Specified Equal Lite, 4w1h, 7/8", Ext Grille - Forest Green, Int Species - Pine, Int Grille - Unfinished	\$ 1092.74	\$ 1092.74
				\$ 1,092.74	\$ 1,092.74

Unit 2 of 2



Viewed from Exterior

A Series, FWHID Inswing Double-wide Units
Unit Code/Item Size: FWHID6480
Operation/Handing: APLR
Frame Depth: 4 9/16"
Exterior Color: Forest Green
Interior Species: Pine
Interior Color: Unfinished
Glass Type: High Performance Low-E4 Tempered Glass, Divided Light with Spacer, Specified Equal Lite
Assembly Required: Factory Assembled
Interior Grille: Grille, Interior, Permanently Applied, Pine, Unfinished, Specified Equal Lite, 7/8" , Chamfer
Exterior Grille: Grille, Exterior, Permanently Applied, Forest Green, Specified Equal Lite, 7/8" , High Definition Chamfer
Grille Construction: Divided Light with Spacer
Custom Lite Pattern: 2w2h
Insect Screens: Hinged Insect Screen, Forest Green
Factory Applied Hinge Finish: Gold Dust
Trimset Finish: Tribeca - Stone

Zone: North-Central
U-Factor: 0.31, SHGC: 0.21, ENERGY STAR® Certified: No

Comments:

Qty	Part Num	Item Size	Description	Total Price	Extended Price
1	0000000	FWHID6480	Unit, Inswing, 4 9/16" Frame Depth, Gray Sill, APLR Handing, Forest Green/Pine, Unfinished, High Performance Low-E4 Tempered, Divided Light with Spacer, Specified Equal Lite, 2w2h, 7/8", Ext Grille - Forest Green, Int Species - Pine, Int Grille - Unfinished, Factory Applied Gold Dust Hinges	\$	
1	9141744	FWHID6480	Hinged Insect Screen, APLR, Forest Green	\$	
1	2577558	-----	Hardware Trim Set, FWH/FWO, AP/PA, Tribeca - Stone	\$	
				\$	

SUBMITTED BY:	_____	SUBTOTAL	
ACCEPTED BY:	_____	TAXES(0.000	\$
DATE:	_____	GRAND TOTAL	

** All graphics as viewed from the exterior.

CUSTOM SIZING
in 1/8" (3) increments



WOODWRIGHT[®] DOUBLE-HUNG INSERT WINDOWS

400 Series
Woodwright[®] Double-Hung
Insert Windows

SECTION REFERENCE

Sizes.....	82
Specifications	82
Existing Window Measurements ...	83
Sill Angle Details	83
Grille Patterns	84
Window Details	84-85
Joining Detail	85
Product Performance.....	269
Warranty	290-291

Dimensions in parentheses are in millimeters.

WOODWRIGHT® DOUBLE-HUNG INSERT WINDOWS

FEATURES

Frame

A Fibrex® material exterior protects the frame – beautifully. Best of all, it's low-maintenance and never needs painting.*

B For exceptionally long-lasting* performance, sill members are constructed with a wood core and a Fibrex® material exterior.

C Natural wood stops are available in pine, oak, maple and prefinished White. Wood jamb liners add beauty and authenticity to the window interior.

D Multiple weatherstripping systems help provide a barrier against wind, rain and dust. The combination of spring tension vinyl, rigid vinyl and flexible bulb weatherstripping is efficient and effective.

E Exterior stop covers are specially designed to allow easy application of high-quality sealant.

3 1/4" (83) "pocket window" jamb depth allows convenient replacement without disturbing interior window trim for most double-hung replacement situations.

F For units with White exterior color, exterior jamb liner is White. For all other units, the exterior jamb liner is gray.

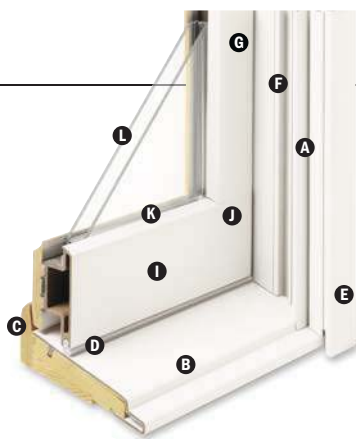
Sash

G Balancers in the sash enable contractors to screw through the jamb during installation without interfering with the window's operation.

Wood Jamb Liner



H Natural wood sash interior with classic chamfer detailing. Available in pine, oak, maple or prefinished White.



I Low-maintenance sash exterior provides long-lasting* protection and performance. Sash exteriors on most units include Fibrex® material.

J Sash joints simulate the look of traditional mortise-and-tenon construction inside and out.

Glass

K Silicone bed glazing provides superior weathertightness and durability.

L High-Performance glass options include:

- Low-E4® glass
- Low-E4 HeatLock® glass
- Low-E4 Sun glass
- Low-E4 SmartSun™ glass
- Low-E4 SmartSunHeatLock glass

Tempered glass and other glass options are available. Contact your Andersen supplier.

A removable translucent film helps shield the glass from damage during delivery and construction and simplifies finishing at the jobsite.

Patterned Glass

Patterned glass options are available. See page 10 for more details.

Hardware

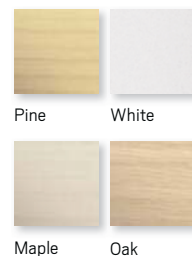


New standard lock and keeper design provides an easy tilt-to-clean feature integrated into the lock.

EXTERIOR

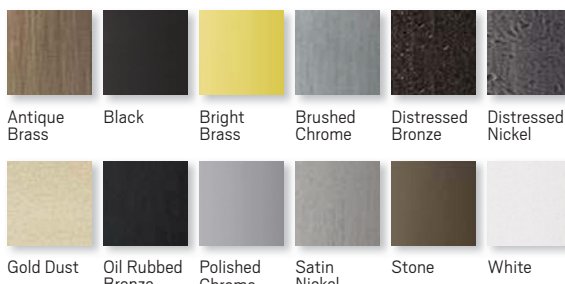


INTERIOR



Naturally occurring variations in grain, color and texture of wood make each window one-of-a-kind. All wood interiors are unfinished unless prefinished White is specified.

HARDWARE FINISHES



Distressed bronze and oil rubbed bronze are "living" finishes that will change with time and use.

DOUBLE-HUNG HARDWARE

STANDARD

Lock & Keeper



Antique Brass | **Black** | Bright Brass
Brushed Chrome | Distressed Bronze
Distressed Nickel | Gold Dust | Oil Rubbed Bronze
Polished Chrome | Satin Nickel | Stone | White

OPTIONAL DOUBLE-HUNG LIFT HARDWARE**

CONTEMPORARY

Bar Lift



Antique Brass | Black | Bright Brass
Brushed Chrome | Distressed Bronze
Distressed Nickel | Gold Dust
Oil Rubbed Bronze | Polished Chrome
Satin Nickel | Stone | White

ESTATE™

Hand Lift

Finger Lifts



Antique Brass | Bright Brass
Brushed Chrome | Distressed Bronze
Distressed Nickel | Oil Rubbed Bronze
Polished Chrome | **Satin Nickel**

TRADITIONAL

Hand Lift

Finger Lifts

Bar Lift



Antique Brass | Black | Bright Brass | Brushed Chrome | Distressed Bronze | Distressed Nickel
Gold Dust | **Oil Rubbed Bronze** | Polished Chrome | Satin Nickel | Stone | White

CLASSIC SERIES™

Hand Lift

Finger Lifts

Bar Lift



Stone | **White**

Bold name denotes finish shown.

* Visit andersenwindows.com/warranty for details.

** Hardware sold separately.

Dimensions in parentheses are in millimeters.

Printing limitations prevent exact duplication of colors and finishes.

See your Andersen supplier for actual color and finish samples.

Exterior Stop Cover



An exterior stop cover provides a clean transition from new window to the existing window casing.

Sill Angles

Three sill angles are available — 0°, 8° and 14° — to closely match the existing sill in window replacement applications. See page 83 for more details.



0° Sill Angle



8° Sill Angle



14° Sill Angle

For more information about **glass, patterned glass, grilles and TruScene® insect screen** see pages 10-16.

For more information about **product performance, installation accessories and warranty** see pages 269-291 or visit

Sill Angle Finder App

Our *Sill Angle Finder App* lets you quickly and easily find the sill angle of existing double-hung windows. Available for free for both iPhone® and Android™ smartphones. Download app for iPhone from the App Store™ or for Android smartphones from the Google Play Store. The app is only available for smartphones, as tablets and other large devices are too bulky for measuring window sill angles.

Included Installation Materials



Flat, self-hanging shims, backer rod, installation screws and complete instructions are included with each insert window. Measurement guide and worksheet at andersenwindows.com/measure.

Sash Options*



Cottage Style

Reverse Cottage Style

ACCESSORIES Sold Separately

Frame

Wood Interior Stop



Optional interior stop with matching chamfer is available.

Sash

Window Opening Control Device Kit



A Window Opening Control Device Kit is available, which limits sash travel to less than 4" (102) when the window is first opened. Available in Stone and White.

Security Sensors

Open/Closed Sensors

Wireless open/closed sensors are available in four colors. See page 30 for details.

Installation

Coil Stock



Andersen® aluminum coil stock can be ordered to match any of our 11 trim colors. Made from .019-gauge aluminum, Andersen coil stock is available in 24" (610) x 50' (15,240) rolls. Color-matched stainless steel trim nails 1 1/4" (32) long are also available and can be ordered in 1 lb. or 454 gram boxes.

Insect Screens

Insect Screen Frames



Choose full insect screen or half insect screen. Half insect screen (shown above) allows ventilation without affecting the view through the upper sash. Frames are available in colors to match product exteriors.

TruScene® Insect Screen

Exclusive Andersen® TruScene® insect screens provide over 50% more clarity than our conventional insect screens for a beautiful unobstructed view. They allow more fresh air and sunlight in, while doing a better job of keeping out small insects.

Conventional Insect Screen

Conventional insect screens have charcoal powder-coated aluminum screen mesh.

Grilles

Grilles are available in a variety of configurations and widths. For double-hung grille patterns, see page 84.

CAUTION:

- Painting and staining may cause damage to rigid vinyl.
- Do not paint 400 Series windows with White, Canvas, Sandtone, Forest Green, Dark Bronze or Black exterior colors.
- Andersen does not warrant the adhesion or performance of homeowner-applied paint over vinyl or other factory-coated surfaces.
- 400 Series windows in Terratone color may be painted any color lighter than Terratone color using quality oil-base or latex paint.
- For vinyl painting instructions and preparation, contact your Andersen supplier.
- Do not paint weatherstripping.
- Creosote-based stains should not come in contact with Andersen products.
- Abrasive cleaners or solutions containing corrosive solvents should not be used on Andersen products.

* Shown on 400 Series Tilt-Wash double-hung full-frame windows.

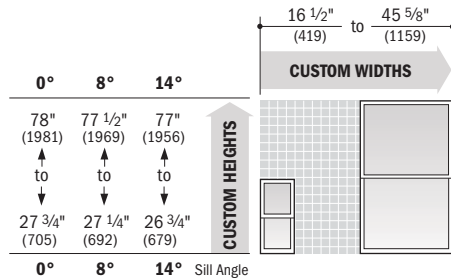
Dimensions in parentheses are in millimeters.

"iPhone" and "App Store" are registered trademarks of Apple Inc. "Android" is a trademark of Google Inc.

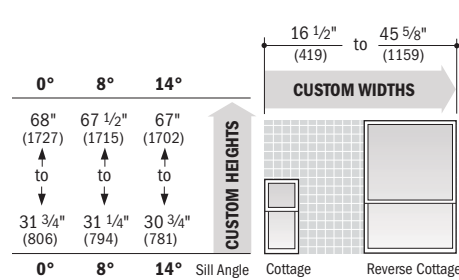
WOODWRIGHT® DOUBLE-HUNG INSERT WINDOWS

Woodwright® Double-Hung Insert Window Sizes

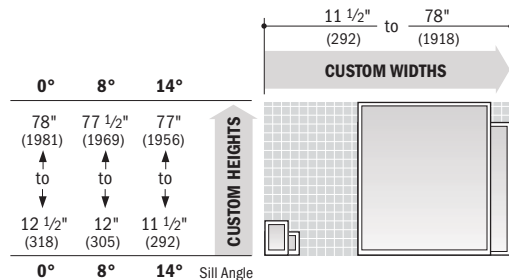
Double-Hung - Equal Sash



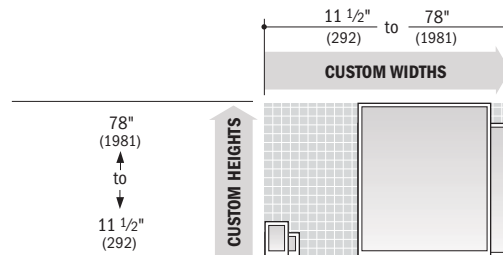
Double-Hung - 2:3 Cottage & 3:2 Reverse Cottage Sash



Picture



Transom



Available in 1/8" (3) increments between minimum and maximum widths and heights. Height limits for double-hung and picture insert windows depend on new insert window sill angle.

For picture and transom insert windows, either height or width must be 68" (1727) or less and height plus width cannot be less than 28" (711).

Woodwright® Double-Hung Insert Window Specification Formulas

	Clear Opening	Width = window width - 3.4375" (87)				
		Height = Depends on sash ratio and specific sill angle of insert window, see below.				
		sash ratio	clear opening height	sill angle deduction		
				14°	8°	0°
		1:1 Equal	= (window height ÷ 2) - sill angle deduction	3.1875" (81)	3.4375" (87)	3.75" (95)
	Vent Opening	2:3 Cottage	= (window height x 2) ÷ 5 - sill angle deduction	2.875" (73)	3.0625" (78)	3.25" (83)
		3:2 Reverse Cottage	= (window height x 2) ÷ 5 - sill angle deduction	2.375" (60)	2.5625" (65)	2.8125" (71)
	Unobstr. Glass	Width = window width - 6.0" (152)				
		Height = Depends on sash ratio and specific sill angle of insert window, see below.				
		sash ratio	unobstructed glass height	sill angle deduction		
				14°	8°	0°
		Equal - Upper and Lower Sash	= window height - sill angle deduction	7.875" (200)	8.375" (213)	9.0" (229)
		Cottage - Upper Sash or Reverse Cottage - Lower Sash	= (window height x 2) ÷ 5 - sill angle deduction	3.1875" (81)	3.375" (86)	3.625" (92)
		Cottage - Lower Sash or Reverse Cottage - Upper Sash	= (window height x 2) ÷ 5 - sill angle deduction	4.75" (121)	5.0625" (129)	5.4375" (138)

Woodwright® Picture and Transom Insert Window Specification Formulas

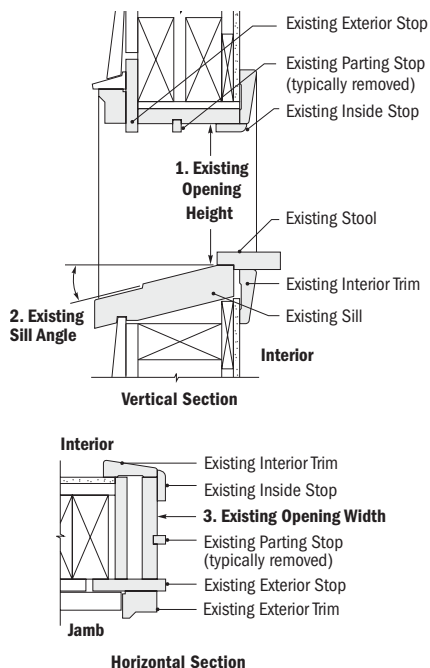
	Unobstr. Glass	Picture Insert				
		Width = window width - 6.0" (152)				
		Height = Depends on sash ratio and specific sill angle of insert window, see below.				
		unobstructed glass height	sill angle deductions			
	Transom Insert		14°	8°	0°	
		Width = window width - 6.0" (152)				
		Height = window width - 6.0" (152)				
		= window height - sill angle deduction	5.816" (148)	6.285" (160)	6.890" (175)	

- Dimensions in parentheses are in millimeters.
- **Clear Opening** formulas provide dimensions for determining area available for egress. **Vent Opening** formulas provide dimensions for determining area available for passage of air. **Unobstr. Glass** (unobstructed glass) formulas provide dimensions for determining area available for passage of light.
- Refer to andersenwindows.com/measure for detailed instructions on how to properly measure for insert windows.

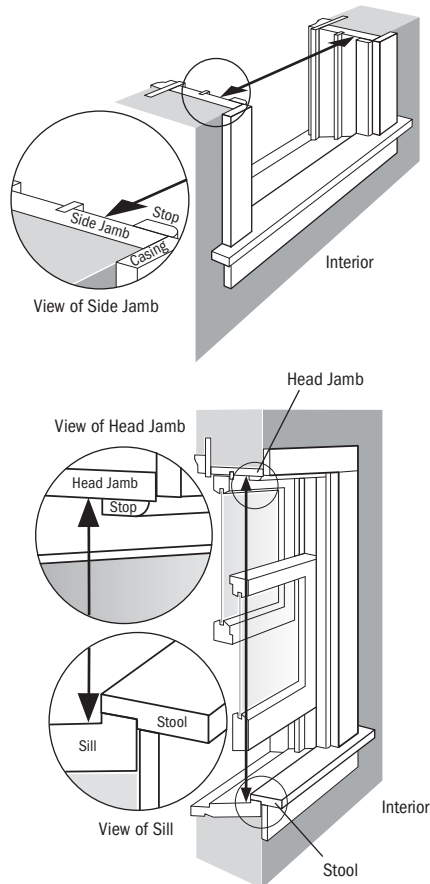
Existing Window Measurements

Required measurements:

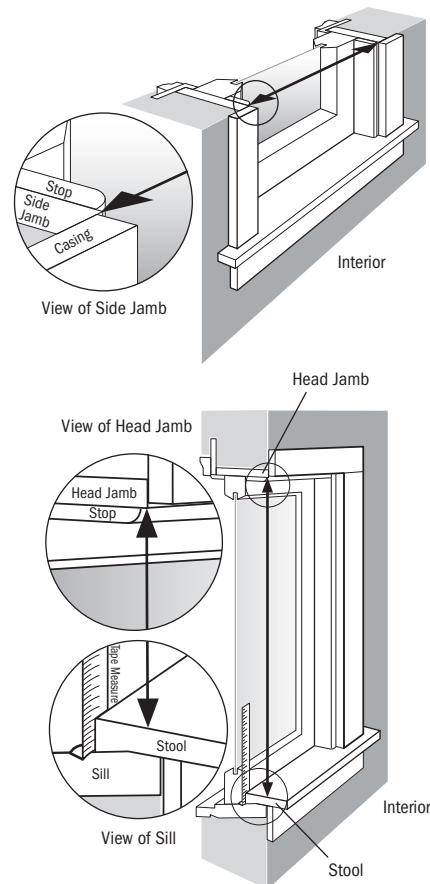
1. Existing Opening Height
2. Existing Sill Angle
3. Existing Opening Width



Existing Double-Hung Window



Existing Picture Window



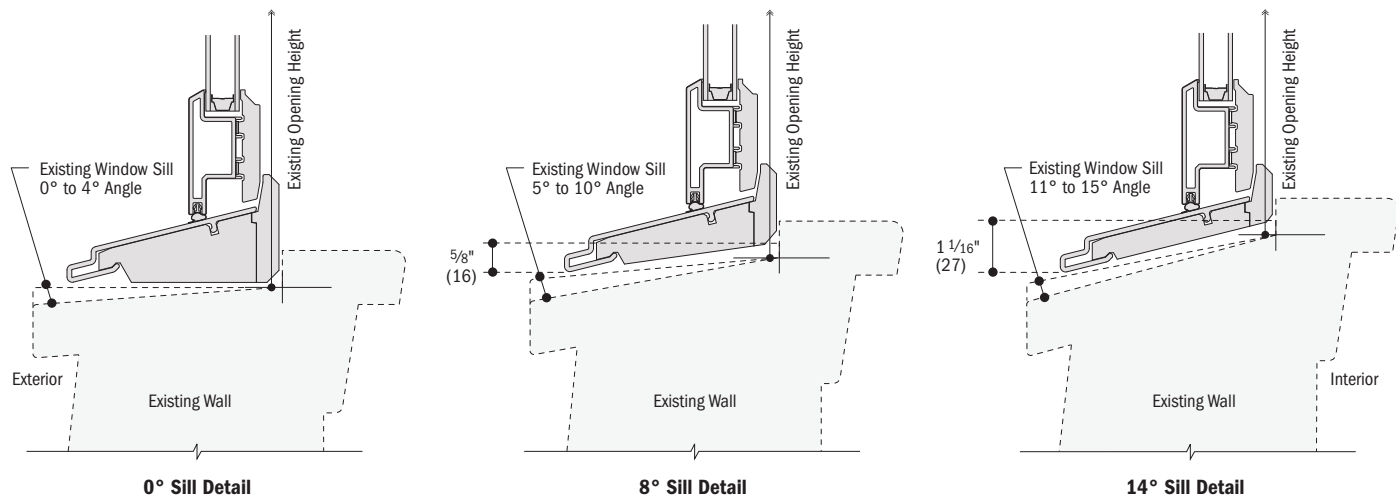
Sill Angle Details

Scale 3" (76) = 1'-0" (305) – 1:4

Select a sill angle that most closely matches your existing sill angle.

Windows with a smaller sill angle will have a larger maximum height.







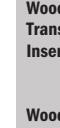




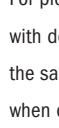




A "Sill Angle Finder App" is available, see page 81.



- Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.
- Dimensions in parentheses are in millimeters.
- Refer to andersenwindows.com/measure for detailed instructions on how to properly measure for insert windows.

WOODWRIGHT® DOUBLE-HUNG INSERT WINDOWS

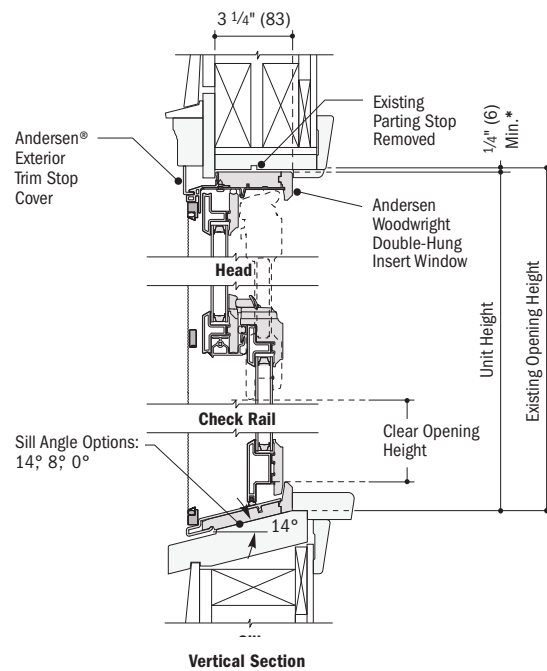
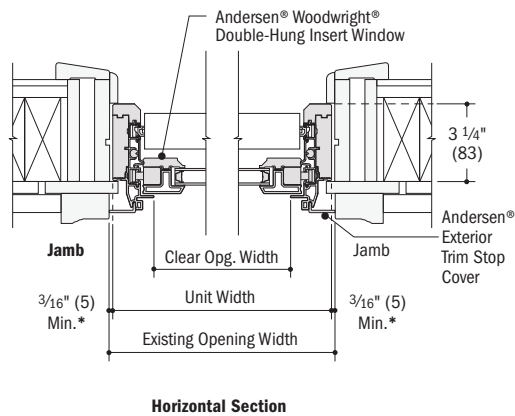
Grille Patterns

	Prairie A		6-Light Prairie		Specified Equal Light	
Woodwright® Double-Hung Insert		Equal Sash		Cottage Sash		Equal Sash
		Cottage Sash		Equal Sash		Cottage Sash
		Equal Sash		Cottage Sash		Equal Sash
		Cottage Sash		Equal Sash		Cottage Sash
Woodwright® Transom Insert		Prairie A		Specified Equal Light		
Woodwright® Picture Insert		Prairie A		Specified Equal Light		

Patterns for double-hung windows are also available in Upper Sash Only (USO) configurations. For picture window patterns that require alignment with double-hung window patterns, identify the sash style (equal, cottage, reverse cottage) when ordering. **Number of lights and overall pattern varies with window size. Patterns are not available in all configurations.** For more information on divided light, see page 11 or visit andersenwindows.com/grilles.

Woodwright® Double-Hung Insert Window Details

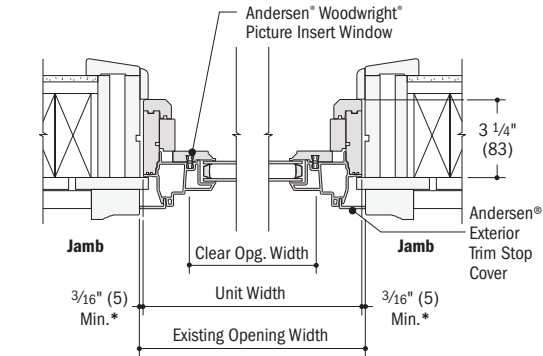
Scale 1 1/2" (38) = 1'-0" (305) – 1:8



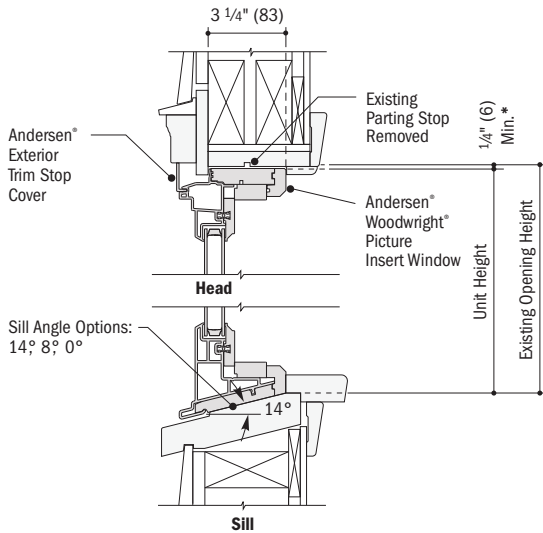
- Light-colored areas are parts included with window. Dark-colored areas are additional Andersen® parts required to complete window assembly as shown.
 - Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.
 - Dimensions in parentheses are in millimeters.
- *Refer to andersenwindows.com/measure for detailed instructions on how to properly measure for insert windows.

Woodwright® Picture Insert Window Details

Scale 1 1/2" (38) = 1'-0" (305) – 1:8



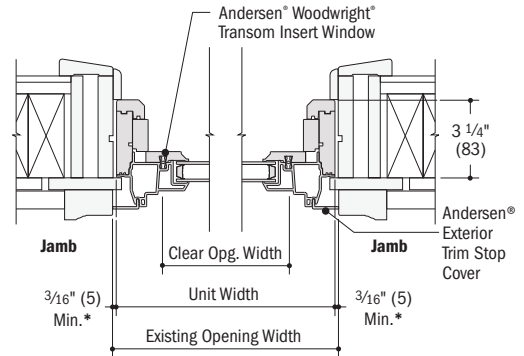
Horizontal Section



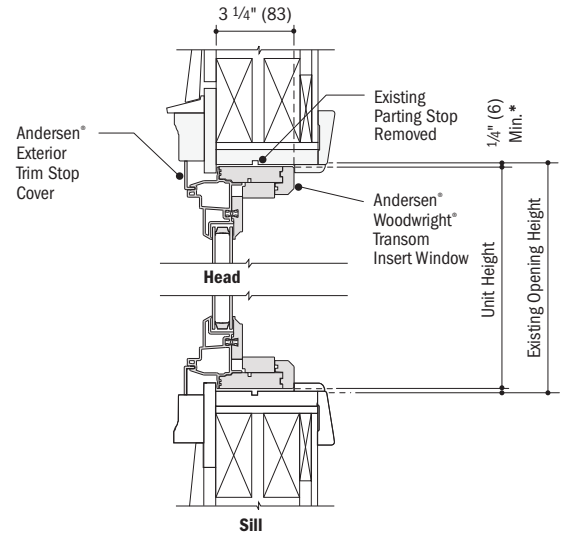
Vertical Section

Woodwright® Transom Insert Window Details

Scale 1 1/2" (38) = 1'-0" (305) – 1:8



Horizontal Section

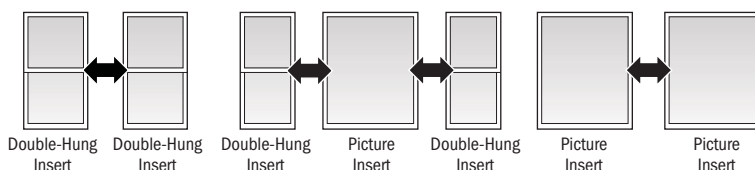
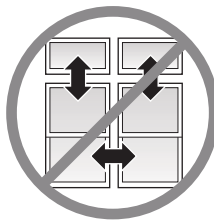
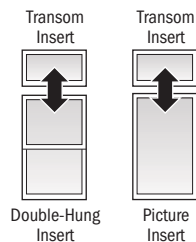


Vertical Section

Joining Combinations

Join insert windows in 1-way horizontal (stack) or vertical (ribbon) combinations.

Do not join insert windows in 2-way combinations.



• Light-colored areas are parts included with window. Dark-colored areas are additional Andersen® parts required to complete window assembly as shown.

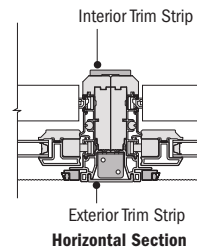
• Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.

• Dimensions in parentheses are in millimeters.

*Refer to andersenwindows.com/measure for detailed instructions on how to properly measure for insert windows.

Vertical (ribbon) Joining Detail

Scale 1 1/2" (38) = 1'-0" (305) – 1:8



Horizontal Section

Woodwright® Double-Hung Insert to Woodwright® Double-Hung Insert

For more joining information, see the combination designs section starting on page 255.

Carriage House COLLECTION



Charming carriage house design
paired with the thermal
performance of insulated steel.

The Genuine. The Original.





Cover image: Model 303 8' high, Walnut stained finish with Plain Window Square, decorative hardware
 Image above: Model 307 8' high Gray painted finish, 12 Window Square, decorative hardware

Carriage House Collection doors combine distinctive carriage house designs and superior insulated steel construction to create a harmonious blend of elegance and strength.

Model 308 7' high Clay/White painted finish



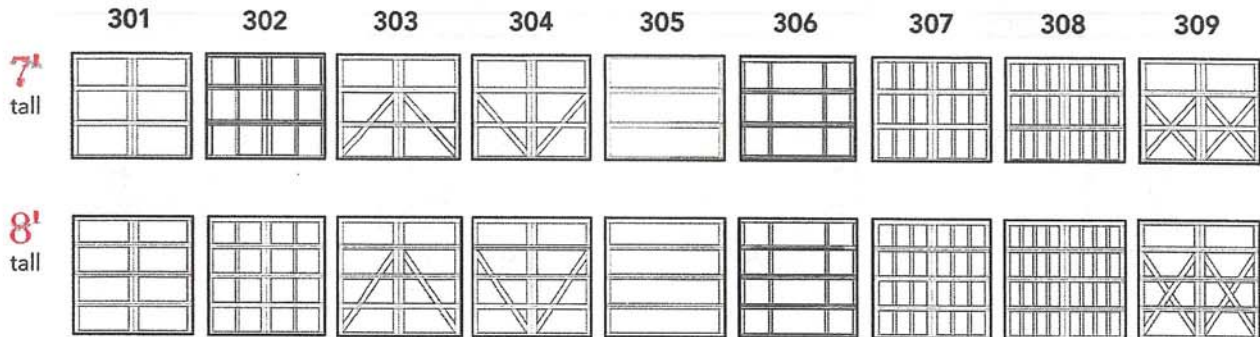
Carriage House Collection *Door Designs*

Select your door panel style and color

1 Choose a panel style:

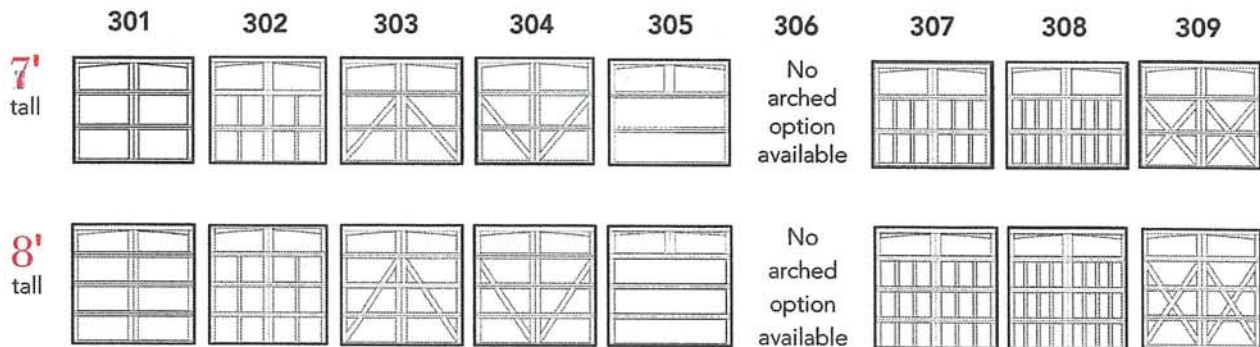
Square top

Models:



Arched top

Models:



Carriage House Collection

Door Designs

Select your door panel finish

2

Choose a finish:

Actual colors may vary from brochure due to fluctuations in printing process. Always request a color sample from your Overhead Door™ Distributor for accurate color matching.

Painted finishes



White



Gray



Clay



Green

White is standard. All other colors are an optional upgrade.

Two-toned painted finishes



Gray/White



Clay/White



Green/White

With two-tone option the trim boards are white (standard).

Stained finishes



Mahogany



Walnut



Oak



Red Oak



Honduran
Mahogany



Gray



Clay



Green

Carriage House Collection

Decorative Accents

Customize your door with windows

3 Choose a window style:



Single car Plain Window Square
Double car Plain Window Square



6 Window Square
12 Window Square



8 Window Square
16 Window Square



Single car 12 Window Square
Double car 24 Window Square



16 Window Square
32 Window Square



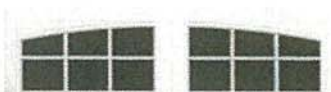
Single car Plain Window Arched
Double car Plain Window Arched



6 Window Arched
12 Window Arched



8 Window Arched
16 Window Arched



Single car 12 Window Arched
Double car 24 Window Arched



16 Window Arched
32 Window Arched

Option of single or double arch for double car doors. Models are also available in solid arched top panels (no windows).

Choose a glass type:



Clear



Obscure



Model 306 7' high Gray/White painted finish

Carriage House Collection

Decorative Accents

Customize your door with decorative hardware

4 Choose your hardware:



Spear hinge



Arrow hinge



Fleur-de-Lis hinge



Lift handle



Pull handles



Hammered knockers

For more hardware options contact your Overhead Door Company Distributor or see our website.

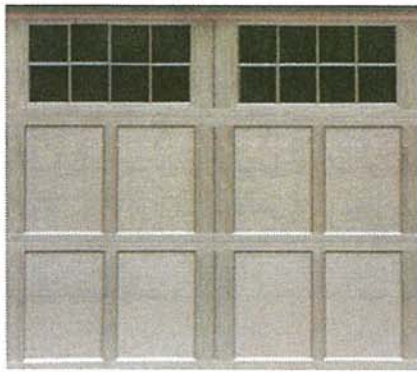


Model 309 - 8' high, Clay/White painted finish, 6 Window Square, custom glass, decorative hardware

5 Choose your opener:



Be sure to ask about our complete line of Overhead Door® garage door openers. Powerful, quiet and durable, these garage door openers are designed for performance, safety and convenience. Your Overhead Door Distributor™ will help you choose the opener that best suits your door and preferences.



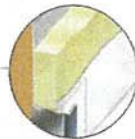
Carriage House Collection

garage doors are available in a wide array of stained and painted finishes. An embossed wood-grain texture captures the look of a classic carriage house door. Customize the appearance of these garage doors with windows and decorative hardware for even greater curb appeal.

Built better from the inside out



Model 303 7' high, Red Oak stained finish, 16 Window Square



Polyurethane insulation
Provides thermal efficiency with an R-value* of 10.



Bulb seal
Protects against the elements.



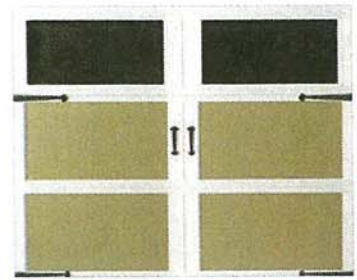
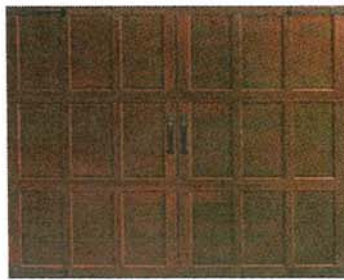
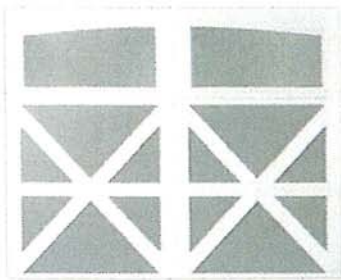
Embossed wood-grain texture
Adds beauty, sophistication and durability.



Durable finish
Hot-dipped galvanized steel with two coats of baked-on polyester paint.

*Overhead Door Corporation uses a calculated door section R-value for our insulated doors.

Wind load and custom options available upon request.



Transform Your Home with the DoorView® visualization tool.

Go to overheaddoor.com to try our on-line interactive software tool that lets you visualize what your home would look like with a Overhead Door™ garage door. Contact your local Overhead Door™ Distributor for more information and to receive a quote.



Limited Warranty.

Carriage House Collection doors are backed by a limited lifetime warranty that protects against section rust-through for as long as you own your home. Also included is a one-year non-transferable, limited warranty ensuring high standards for materials and workmanship.

The Genuine. The Original.

Since 1921, Overhead Door has not only raised the standards of excellence for the industry – we've created them. Overhead Door created the first upward-acting door in 1921 and the first electric garage door opener in 1926.

Today, our network of over 400 Overhead Door™ Distributors are still leading the way with innovative solutions and unmatched installation, service and support. So look for the Red Ribbon. It's your guarantee that you're getting the genuine, the original Overhead Door™ products and services.

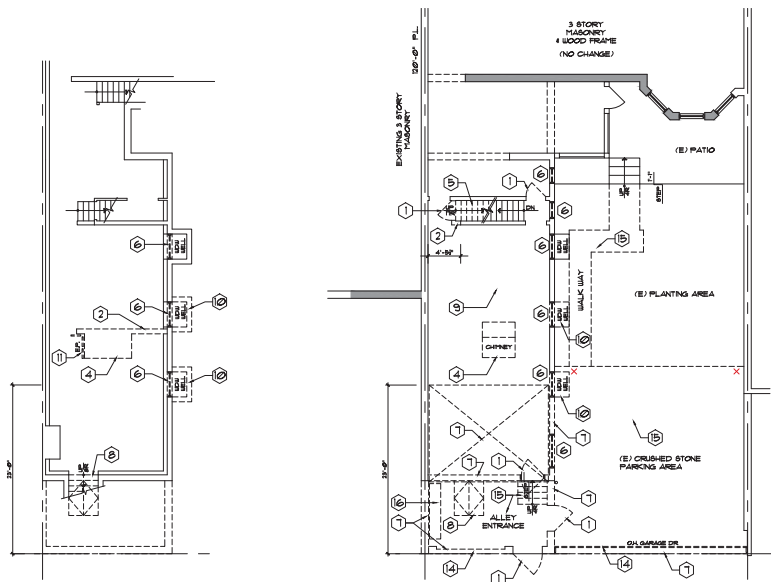
SOLD AND DISTRIBUTED BY:



The Genuine. The Original.

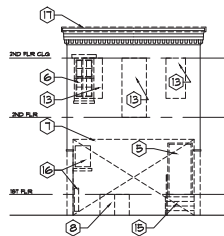


2501 S. State Hwy. 121 Bus., Suite 200, Lewisville, TX 75067
1-800-929-DOOR • sales@overheaddoor.com
www.overheaddoor.com

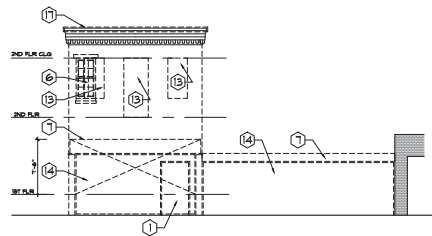


1 EXISTING/DEMO BASEMENT PLAN
ED-1 1/8" = 1'-0"

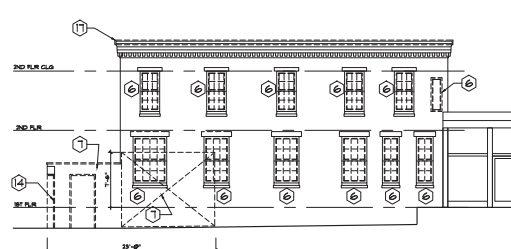
2 EXISTING/DEMO 1ST FLOOR PLAN
ED-1 1/8" = 1'-0"



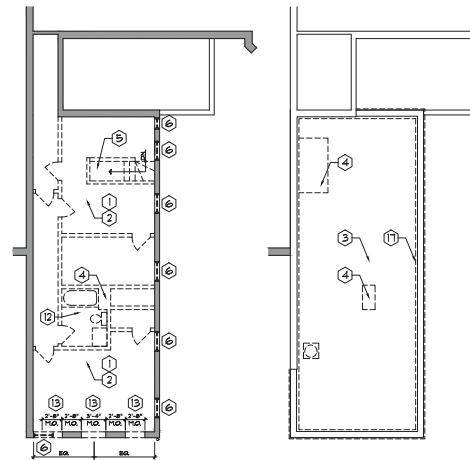
5 EXISTING/DEMO SOUTH ELEVATION @ COURTYARD
ED-1 1/8" = 1'-0"



6 EXISTING/DEMO SOUTH ELEVATION @ CYPRESS ST.
ED-1 1/8" = 1'-0"



7 EXISTING/DEMO WEST ELEVATION
ED-1 1/8" = 1'-0"



3 EXISTING/DEMO 2ND FLOOR PLAN
ED-1 1/8" = 1'-0"

4 EXISTING/DEMO ROOF PLAN
ED-1 1/8" = 1'-0"

DEMOLITION NOTES:

- 1 REMOVE EXISTING DOOR AND FRAME. PREP AREA TO RECEIVE NEW CONSTRUCTION.
- 2 REMOVE EXISTING INT. WALL. PREP AREA TO RECEIVE NEW CONSTRUCTION.
- 3 REMOVE EXISTING ROOF IN ITS ENTIRETY INCLUDING VENTILATION, BOLLIGHTS, GUTTERS & DOWNSPOUTS EQUAL TO EXIST 2ND FLOOR CLG JOISTS. COORDINATE W/ PLANS & SECTIONS.
- 4 REMOVE EXISTING CHIMNEY IN ITS ENTIRETY. PREP AREA TO RECEIVE NEW FRAMING. COORDINATE W/ STRUCT DUGS
- 5 REMOVE EXISTING STAIR & RAILINGS
- 6 REMOVE EXISTING WINDOW AND FRAME. PREP AREA TO RECEIVE NEW CONSTRUCTION. COORDINATE W/ STRUCT DUGS
- 7 REMOVE PORTION OF EXISTING EXT WALL. PREP AREA TO RECEIVE NEW CONSTRUCTION. COORDINATE W/ STRUCT DUGS
- 8 REMOVE BILCO DOOR, FRAME, STEPS AND ALL ASSOCIATED MATERIALS.
- 9 REMOVE ENTIRE KITCHEN CABINETS, FLOORING, SINK, CAP ALL PLUMBING.
- 10 DEMO EXISTING WINDOW WELL, INFILL AREA. COORDINATE W/STRUCT DUG
- 11 REMOVE EXISTING ELECTRICAL PANELS AND ALL ASSOCIATED MATERIALS. REFER TO ELEC. DUGS FOR NEW LOCATIONS
- 12 DEMO EXIST BATHROOM IN ITS ENTIRETY INCLUDING WALLS, FLOORING, CEILING, ALL PLUMBING FIXTURES. REMOVE AND CAP ALL PLUMBING.
- 13 SAW CUT MASONRY OPENINGS FOR NEW DOOR/ WINDOWS. COORDINATE W/ NEW WORK.
- 14 DEMO EXISTING OIL DOORS & FRAMES
- 15 DEMO EXISTING STEPS, WALK WAYS, CONCRETE PATIO, CRUSHED STONE AREA
- 16 REMOVE EXISTING MECH EQUIPMENTS, SUPPORT MATERIALS, SHELVES
- 17 REMOVE EXISTING COPING. PREP AREA TO RECEIVE NEW WORK.

ISSUES	
DATE	DESCRIPTION
6/13/19	PERMIT SET
REVISIONS	
NO.	DATE DESCRIPTION



ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. & THE ARCHITECT SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

RICHARD W. SAUDER, AIA
ARCHITECT
2 South York Road, Second Floor
Hatboro, PA 19040
P (215) 745-3534 F (215) 745-0311



ADDITION & ALTERATION TO:
A. CHARLES PERUTO, JR.
RESIDENCE
2016 SPRUCE ST.
PHILA, PA 19103

DRAWN BY: BT
CHECKED BY: RWS
JOB NO:

SHEET NAME:
EXISTING/DEMO
FLOOR PLANS & ELEVATIONS

DRAWING NO:
ED-1
DATE: 6/13/19

- 1 NEW WINDOWS (SEE PLAN FOR SPECIFICATIONS LOCATIONS). **USE PLAN TO PROVIDE C/L SHEETS FOR NEW WINDOWS SIZE, TYPE AND MATERIALS.**
- 2 INTERIOR DOORS IN PRE-HANG AND WOOD FINISH. (SEE PLAN FOR SIZE & GC TO PROVIDE FOR DOOR FINISH).
- 3 ALL CLOSURES TO MATCH (2) NOOK & BELL & 8-6" APPL. 1" LBS. CLOSURES TO RECEIVE (2) 1" LBS. CLOSURES (8) EQUALLY DIVIDED BALANCE.
- 4 BUNKS DETECTORS TO BE HANGING & LOCATED IN COMPLETION, IF SECTION RISE OF THE 2685 INTERNATIONAL. NEW CODE, SEE ELECTRICAL DRAWING FOR FINAL LOCATIONS.
- 5 WINDOW DOOR FINISHING - SEE DETAIL ON A-3.
- 6 EXTERIOR DOORS IN PRE-HANG FINISH. (SEE PLAN FOR SIZE & GC TO PROVIDE FOR DOOR FINISH).
- 7 OVERHEAD DOORS. (SEE PLAN FOR SIZE & GC TO PROVIDE DOOR FINISH).
- 8 REFER TO NEW DRAWING FOR DOOR UNDERCUTTING INFO.
- 9 NEW FLOOR FINISHING & EXISTING GYMNEY LOCATIONS TO MATCH ADJACENT CONSTRUCTION, REFER TO STRUCTURAL DRAWING.
- 10 MODULAR WOOD DECKING (SIZE 2X12) ADJUSTABLE PRECAST.
- 11 NEW WOOD BOY STAIR & RAILING TO BE SELECTED BY OWNER IN COMPLIANCE WITH SECTION RISE OF THE 2685 INTERNATIONAL.

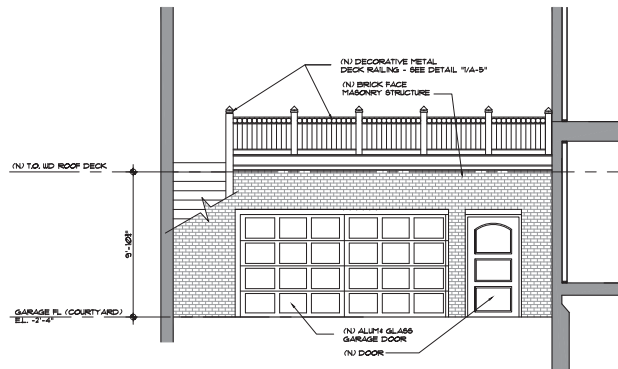


A-1

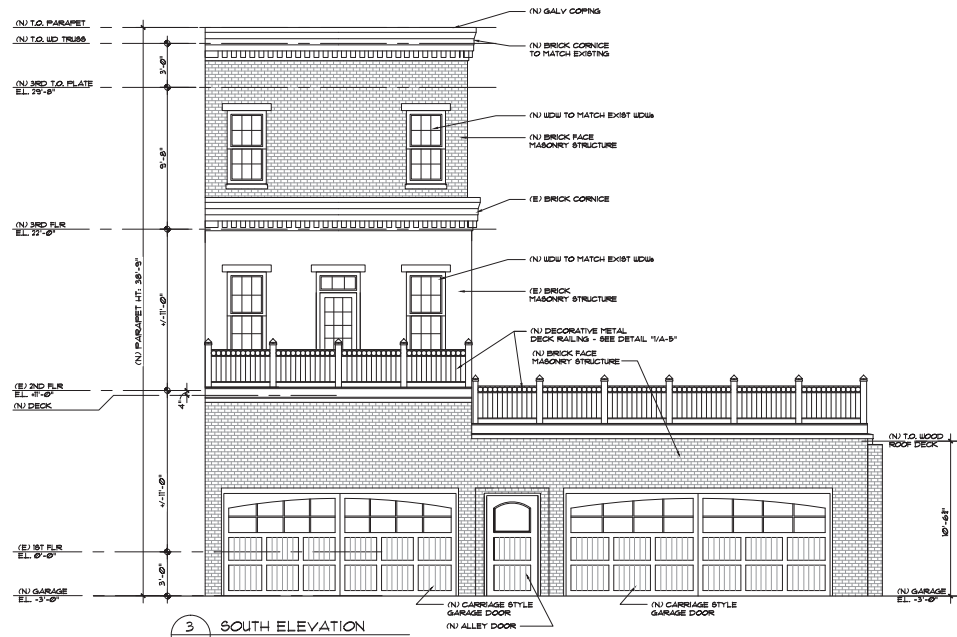
DATE: 6/17/19



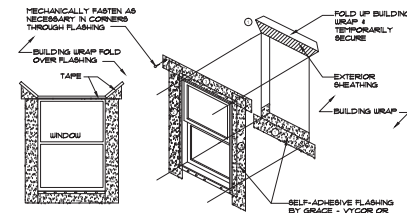
1 EAST ELEVATION - SECTION @ GARAGE
1/4" = 1'-0"



2 WEST ELEVATION - COURTYARD
1/4" = 1'-0"



3 SOUTH ELEVATION
1/8" = 1'-0"



HEAD FLASHING INSTALLATION INSTRUCTIONS:
1. CUT FOLD UP & TEMPORARILY SECURE LEATHER RESISTIVE BARRIER ABOVE HEADS TO ALLOW FOR FLASHING INSTALLATION
2. INSTALL HEAD FLASHING UNDER LEATHER RESISTIVE BARRIER
3. FOLD LEATHER RESISTIVE BARRIER BACK OVER HEAD FLASHING AND SEAL WITH TAPE

TYPICAL WINDOW FLASHING DETAIL
N.T.S.

ISSUES

DATE	DESCRIPTION
6/13/19	PERMIT SET

REVISIONS

NO.	DATE	DESCRIPTION



ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR & THE ARCHITECT MUST BE AWARE OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

RICHARD W. SAUDER, AIA
ARCHITECT
2 South York Road, Second Floor
Haltom, PA 19040
P (215) 745-3534 F (215) 745-0311

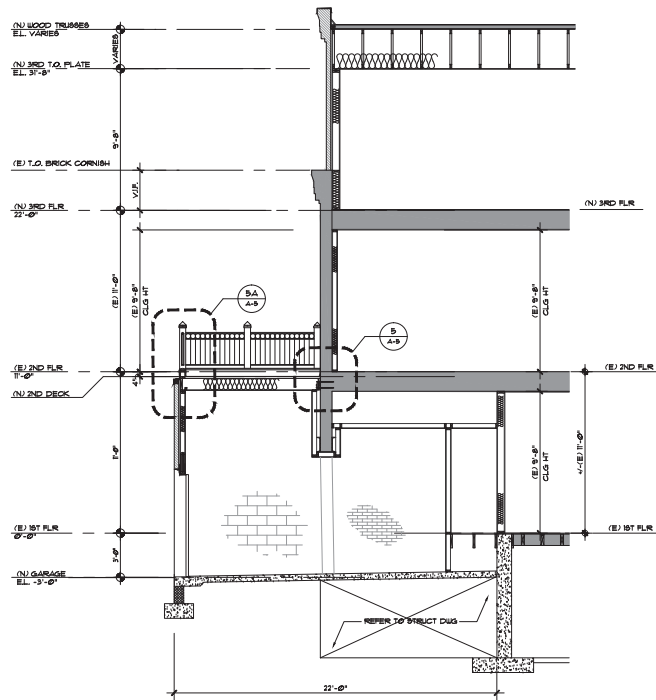


ADDITION & ALTERATION TO:
A. CHARLES PERUTO, JR.
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2016 SPRUCE ST.
PHILA, PA 19103

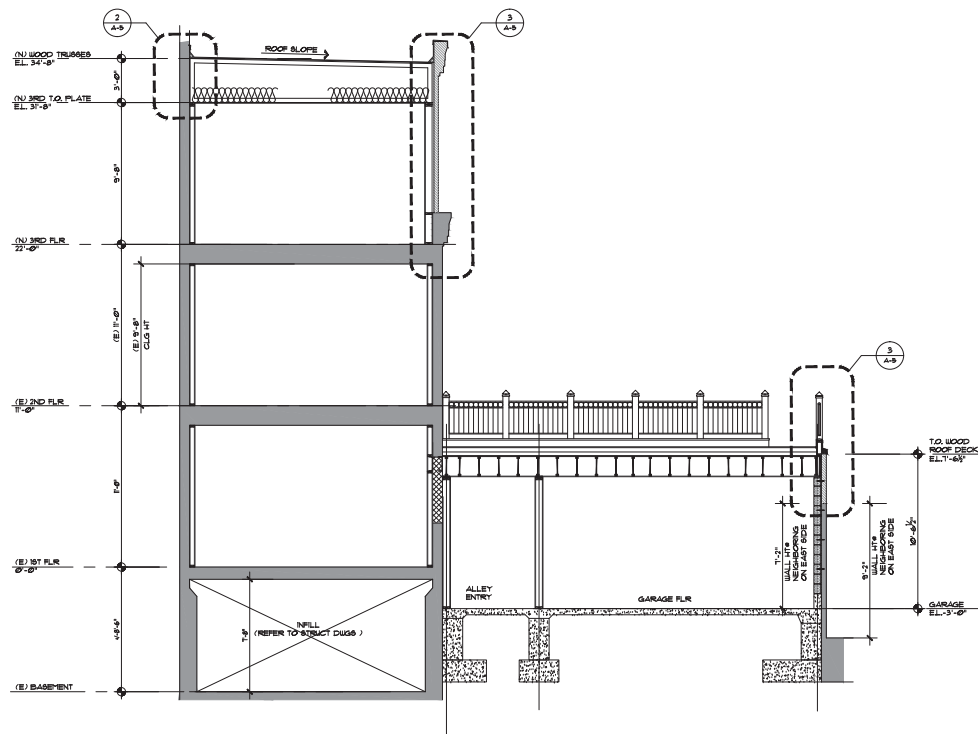
DRAWN BY: BT
CHECKED BY: RWS
JOB NO:

SHEET NAME:
EXTERIOR ELEVATIONS

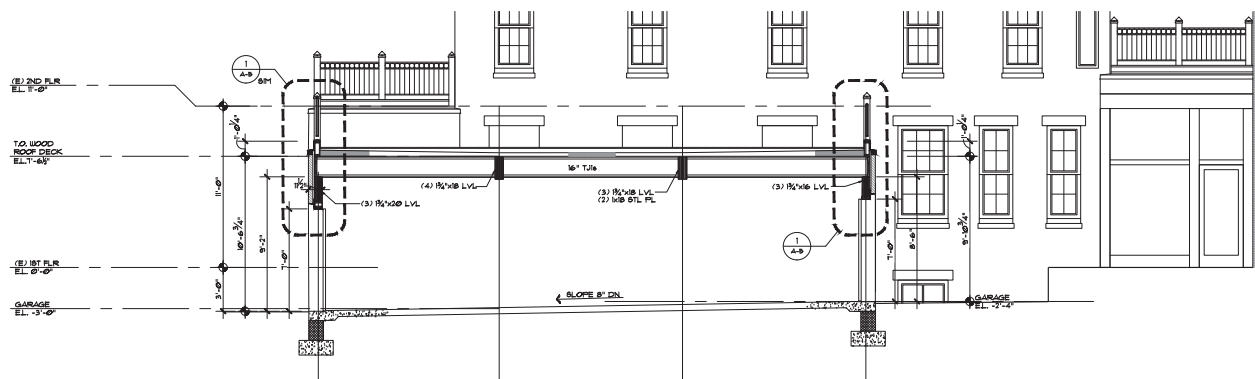
DRAWING NO:
A-3
DATE: 6/13/19



1 SECTION @ CONDO GARAGE
1/8" = 1'-0"



2 SECTION
1/4" = 1'-0"



3 SECTION
1/4" = 1'-0"

ISSUES	
DATE	DESCRIPTION
6/15/19	PERMIT SET
REVISIONS	
NO.	DATE DESCRIPTION



ALL DIMENSIONS MUST
BE VERIFIED BY THE
CONTRACTOR &
THE ARCHITECT
ANY DISCREPANCIES
BEFORE PROCEEDING
WITH WORK

RICHARD W. SAUDER, AIA
ARCHITECT
2 South York Road, Second Floor
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P (215) 745-3534 F (215) 745-0311

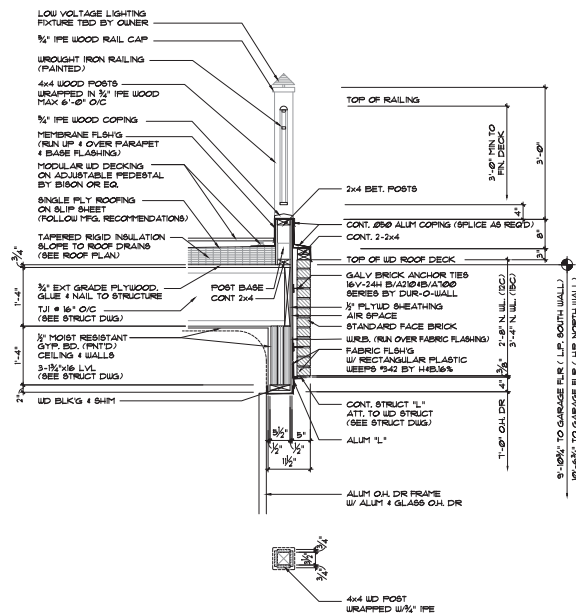


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PHILA, PA 19103

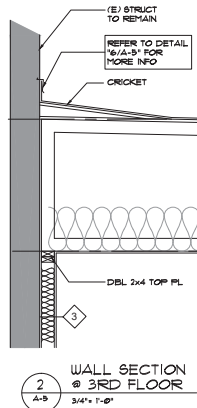
DRAWN BY: BT
CHECKED BY: RWS
JOB NO:

SHEET NAME:
SECTIONS

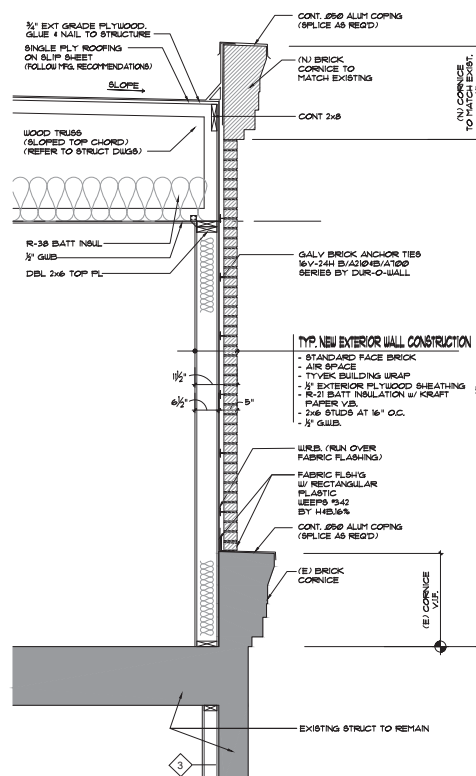
DRAWING NO:
A-4
DATE: 6/15/19



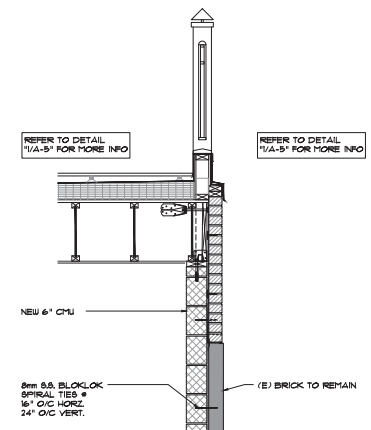
1 WALL SECTION @ GARAGE/RAISED DECK
A-B 3/4" x 1'-0"



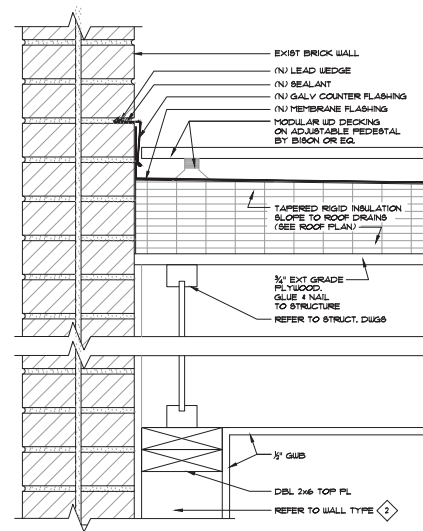
2 WALL SECTION @ 3RD FLOOR
A-B 3/4" x 1'-0"



3 WALL SECTION @ 3RD FLOOR
A-B 3/4" x 1'-0"



4 WALL SECTION @ GARAGE- NEW 6" CMU WALL
A-B 3/4" x 1'-0"



5 WALL SECTION @ DECK-(E) WALL
A-B 3/4" x 1'-0"

6 EXISTING WALL FLASHING DETAIL
A-B 3/4" x 1'-0"

ISSUES	
DATE	DESCRIPTION
6/13/19	PERMIT SET
REVISIONS	
NO.	DATE DESCRIPTION



ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR & THE ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

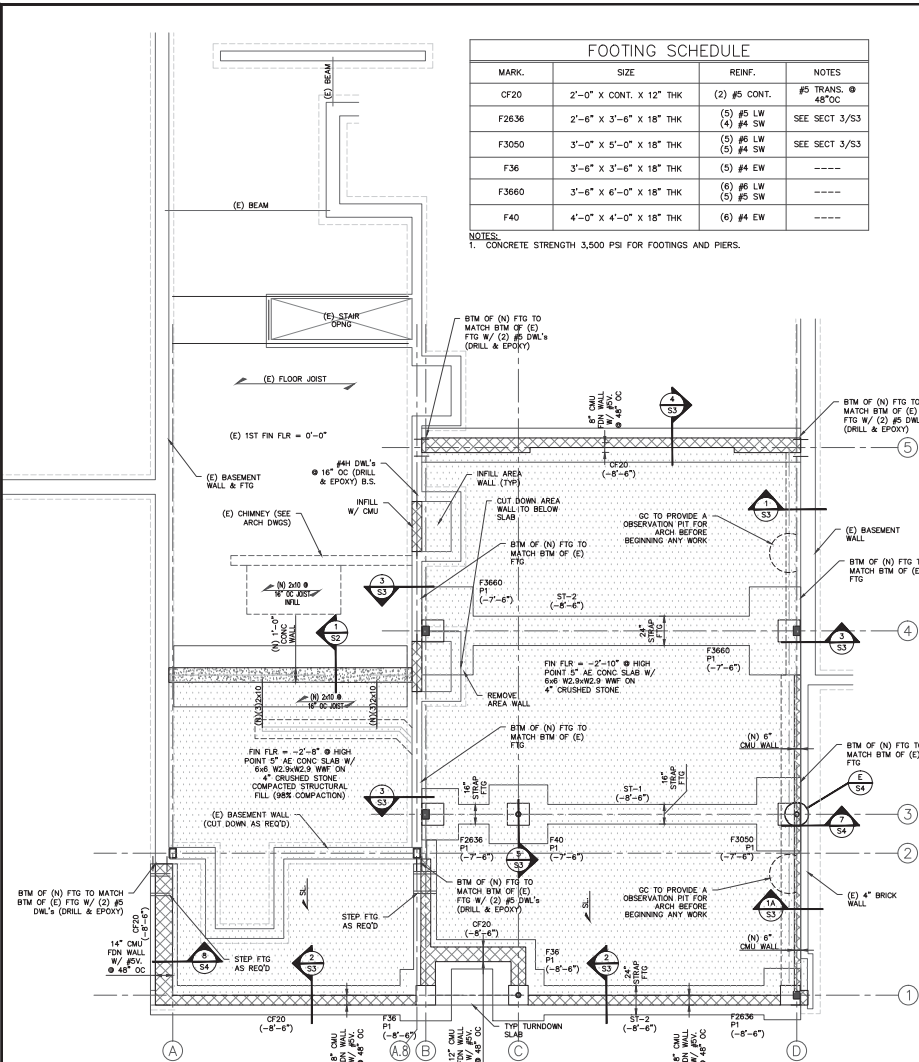
RICHARD W. SAUDER, AIA
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2 South York Road, Second Floor
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ADDITION & ALTERATION TO:
A. CHARLES PERUTO, JR.
RESIDENCE
2016 SPRUCE ST.
PHILA, PA 19103

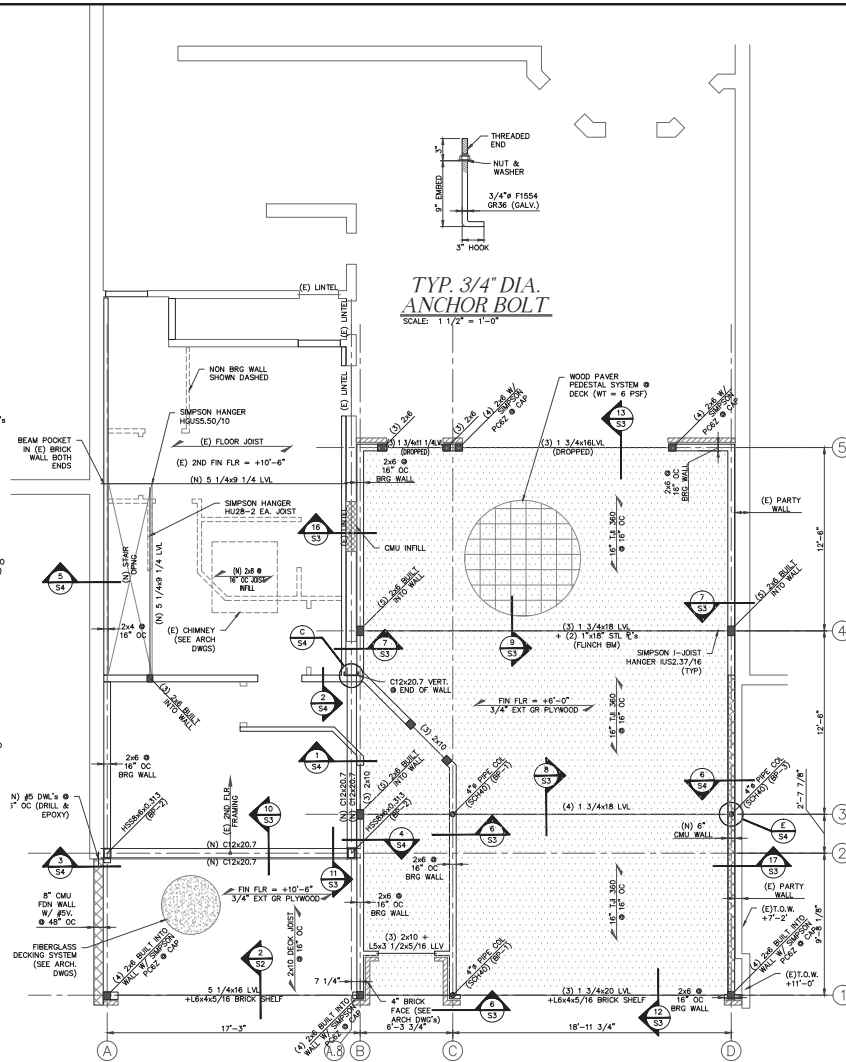
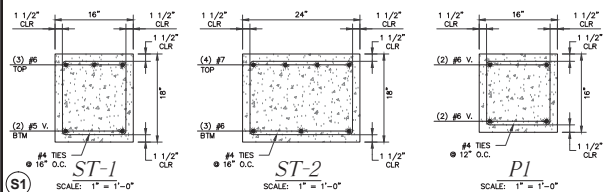
DRAWN BY:	BT
CHECKED BY:	RRMS
DATE:	
SHEET NAME:	DETAILS

DRAWING NO.
A-5
DATE: 6/13/19



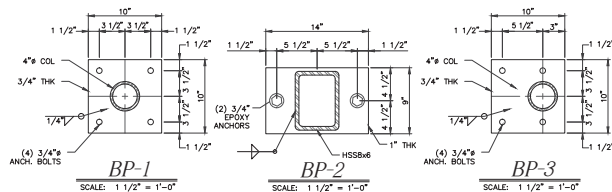
FOUNDATION & 1ST FLOOR FRAMING PLAN

SCALE: 1/4"=1'-0"
NOTES:
1. TOP OF FTO ELEVATION INDICATED BY (---) BELOW FIN. FLOOR ELEVATION = 0'-0".
2. GC TO VERIFY ALL DIMENSIONS & CONDITIONS IN FIELD BEFORE BEGINNING ANY WORK.



SECOND FLOOR FRAMING PLAN

SCALE: 1/4"=1'-0"
NOTES:
1. GC ALTERNATE 16" DP WD TRUSSES @ 16" OC IN LIEU OF T&G'S SHOWN.
2. ALL STEEL TO BE ASTM A36 (Fy = 36 KSI).
3. ALL STEEL PIPES TO BE ASTM A53 GRADE B (Fy = 35 KSI).
4. ALL ASTM TUBES TO BE ASTM A500 GRADE B (Fy=46 KSI).



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CONTRACTOR NOTE:
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FRANK C. THOMPSON, PROFESSIONAL ENGINEER
PA LICENSE NUMBER: PE-350346-E

DATE	DESCRIPTION
5.07.18	ZONING SUBMITTAL
6.11.19	PERMIT SUBMITTAL

REVISIONS

No.	DATE	DESCRIPTION



ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR & ARCHITECT. THE ARCHITECT MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

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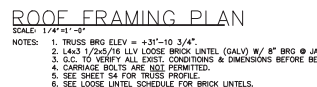
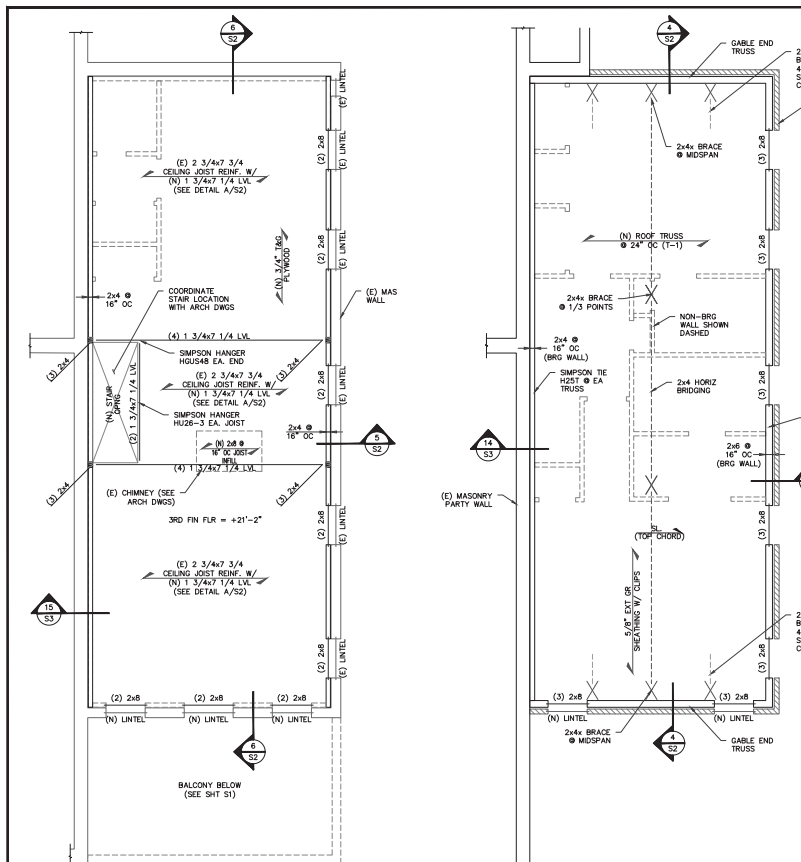


ADDITION & ALTERATION TO:
A. CHARLES PERUTO, JR.
RESIDENCE
2018 SPRUCE ST.
PHILA PA 19103

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CHECKED BY: PCT
FOR NO: 19-20

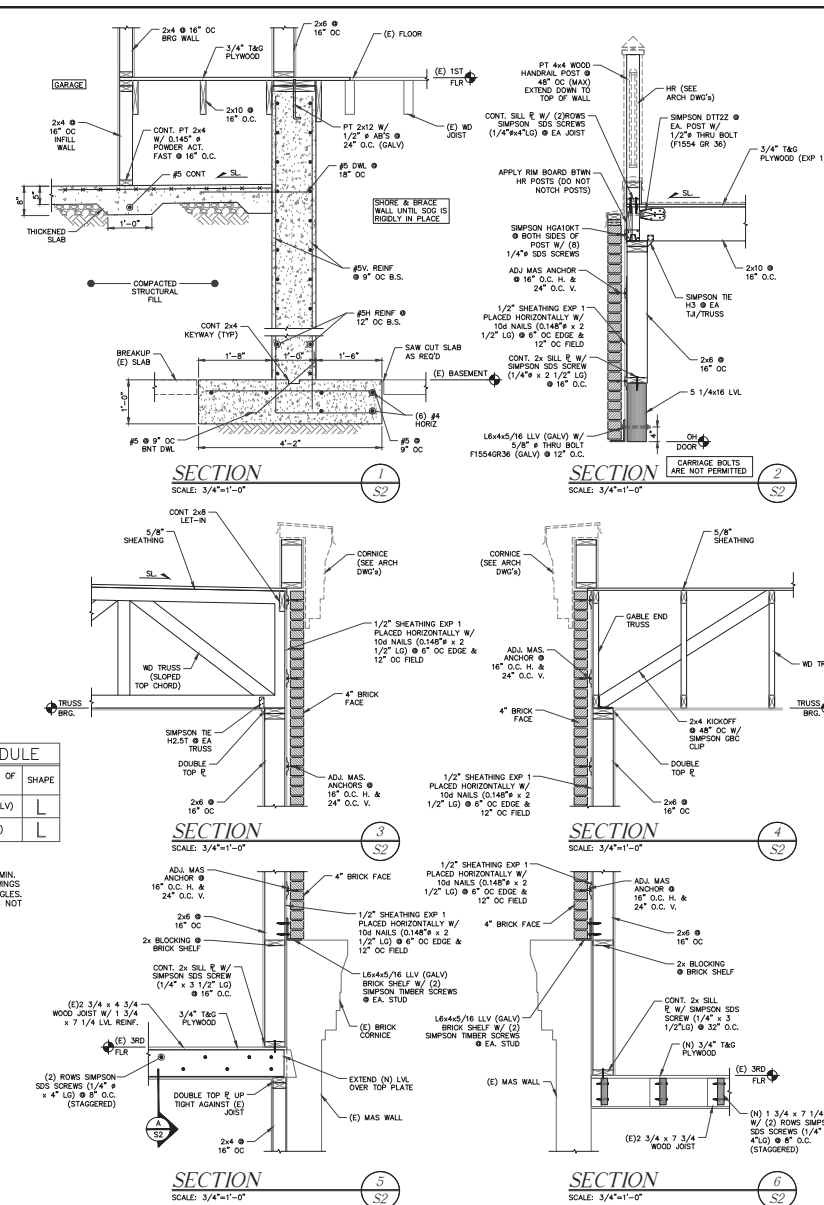
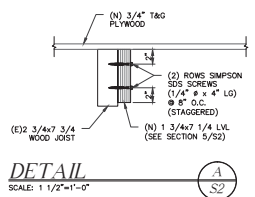
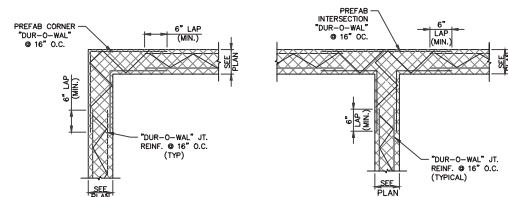
SHEET NAME:
FOUNDATION & FRAMING PLANS

DRAWING NO:
S-1
SHT. 1 OF 4
DATE: 06/11/2019



WIDTH OF OPENING	SIZE OF ANGLE FOR EACH 4" OF BRICK THICKNESS	SHAPE
UP TO 2'-11"	L3 1/2x3 1/2x5/16 LLV (GALV)	L
3'-0" TO 9'-0"	L5x3 1/2x5/16 LLV (GALV)	L

NOTES:
1. ALL ANGLES TO BE GALV.
2. MINIMUM BEARING AT JAMBS TO BE 8" MIN.
3. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR ROLLED (ARCHED) BRICK SHELF ANGLES.
4. USE THE ABOVE SCHEDULE FOR LINTELS NOT INDICATED ON PLAN.



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FRANK C. THOMPSON, PROFESSIONAL ENGINEER
PA LICENSE NUMBER: PE-05546-E

ISSUES

DATE	DESCRIPTION
5.07.18	ZONING SUBMITTAL
6.11.19	PERMIT SUBMITTAL

REVISIONS

No.	DATE	DESCRIPTION

ALL DIMENSIONS MUST BE THE SAME AS THE CONTRACTOR'S. THE ARCHITECT MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.

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ADDITION & ALTERATION TO:
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PHILA, PA 19103

DRAWN BY: JF
CHECKED BY: PCT
FOR NO: 19-20

SHEET NAME:
THIRD FLOOR AND ROOF FRAMING PLAN

DRAWING NO.:
S-2
SHT. 2 OF 4
DATE: 06/11/2019

