

STAFF REPORT: 03-10-2021 REGULAR MEETING

PREPARED BY: A. DYE

APPLICATION NUMBER: 21-7125; 21-7129 & 21-7126

ADDRESS: 1031 MARLBOROUGH; 1039 MARLBOROUGH/1040 CHALMERS; 14501 E. JEFFERSON AVENUE

HISTORIC DISTRICT: JEFFERSON-CHALMERS HISTORIC BUSINESS

APPLICANT: MARQUES KING, JEFFERSON EAST DEVELOPMENT CORPORATION

PROPERTY OWNER: JEFFERSON EAST DEVELOPMENT CORPORATION

DATE OF PROVISIONALLY COMPLETE APPLICATION: 02-22-2021

DATE OF STAFF SITE VISIT: 01-29-21 & 02-26-21

SCOPE: REHABILITATION BUILDING; NEW SURFACE PARKING LOTS

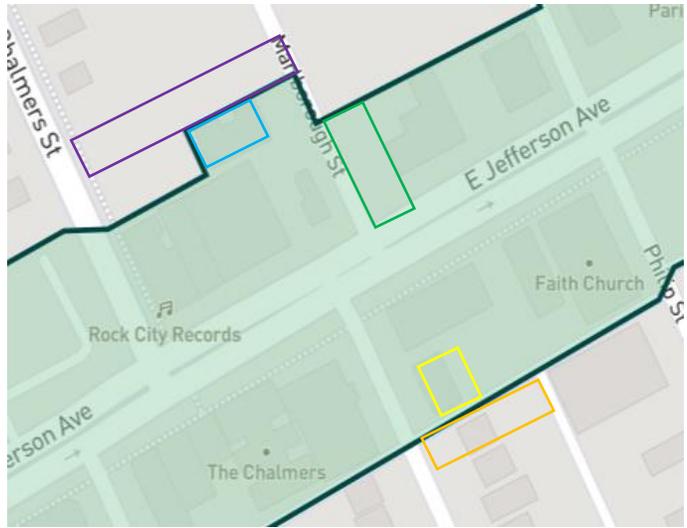
EXISTING CONDITIONS

The four properties within this staff report are part of a greater housing project, begun in 2016 and given financial support from the city’s Housing Revitalization Department, in Jefferson-Chalmers which encompasses six separate lots: two include buildings proposed for rehabilitation, the other four are empty lots that will become surface parking to support the rehabilitation projects.

In 2017 a rehabilitation plan for 1031 Marlborough was proposed and approved by the city and National Park Service (the applicant has obtained tax credits for the project). At that time the city’s historic district boundary maps incorrectly showed this building outside of the local historic district. Therefore the Historic District Commission did not review the proposed rehabilitation.

In 2019 Historic District Commission and Historic Designation Advisory Board staff undertook a thorough analysis of all the local districts and confirmed (and corrected, if necessary) the respective district boundaries. In the case of 1031 Marlborough, it was confirmed that it is within the local historic district. However, as the initial rehabilitation was reviewed by the city in 2017 and a building permit issued in 2018, the Historic District Commission no longer has review authority over that proposal.

In late 2020, HDC staff was alerted that changes to the 2017 rehabilitation proposal were being made, giving the Commission review authority over the revised scopes of work submitted to the city and National Park Service.



Above Top: Aerial view of Jefferson-Chalmers Historic Business District Map. Lots within the multi-property project include: 894 Marlborough (orange), 910 Marlborough (yellow), 14501 E. Jefferson (green), 1031 Marlborough (blue), and 1039 Marlborough/1040 Chalmers (purple).
Above Middle: Sanborn Map Company, Vol. 11, 1929. White stars=surface parking lot locations; Blue=apartment building.

1031 MARLBOROUGH

Erected in 1927, the Marlborough Apartment building is a three and one-half story, five bay, brick residential apartment building. The structure is located north of the commercial buildings facing East Jefferson Avenue and is separated from them by an alley. As shown on the 1929 Sanborn map, Marlborough Avenue was a densely built-out street (as was Chalmers Avenue to the west) at the time of the apartment building's construction. This building (coupled with the two apartment buildings north of the alley facing Chalmers), with front setbacks similar to the neighboring residential properties, offered a transition from the commercial buildings on Jefferson to the residential neighborhood to the north.

The apartment building fills the majority of its wide lot, with the north, west and south walls built to the lot lines. The north walls straddling the property line do not have windows, likely due to the very small distance to the then-neighboring residential structure. This wall is recessed in the middle, creating a slight U-shape to the building footprint where windows and exit doors could be placed for the interior located apartments.



Above: East and south elevations, 2021, HDC Staff Photo.
Left: Google street view, May 2019.
Below Left: North elevation courtyard, 2021, HDC Staff Photo.
Below: Rear elevation, 2021, HDC Staff Photo.





Above and Right- Front Elevation and Front Entry, 2021; HDC Staff Photo.

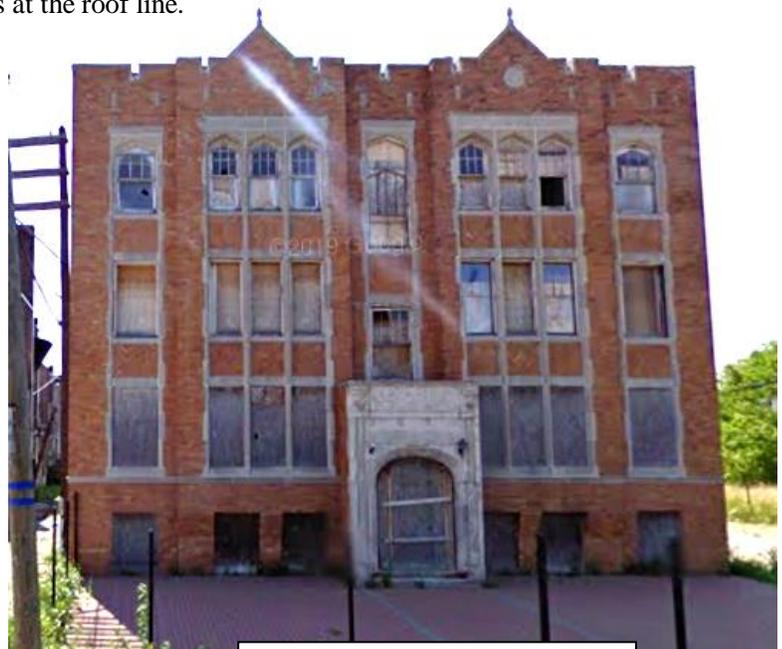
Elizabethan influences are seen on this symmetrically-designed front elevation. Most notable details include: the crenellated parapet (the rectangular gaps of wall are crenels; the solid walls between the crenels are called merlons), Tudor-arched windows (which are visually strengthened by the gables that rise above the main parapet line) and protruding front entrance, faced with cast stone, that contains stylized flowers and the building’s name “Marlboro” on the entablature above the door. Variegated yellow brick laid in a running bond pattern faces the front elevation. A contrasting herringbone brick pattern between the second and third floors creates a unifying arrangement for the windows spanning the three stories. Single bulb light fixtures flank the entrance; the existing designs are likely not original but are complimentary to the building’s design.

The sides and rear elevations are faced in a standard reddish/brown brick and do not offer architectural ornamentation beyond window and door openings and clay coping tiles at the roof line.

The front yard is currently covered with brick; it is not clear if this is an original landscape treatment. The brick covering is to remain. Areas damaged by construction will be replaced to match the existing material, pattern, color and placement.

Staff does not have a designation photograph, however the adjacent Google street view image from August 2009 offers a fairly accurate representation of how the building must have looked at time of district designation (2008). Historic windows were present in the third floor front elevation openings, as well as the second and third floor stair landings. This image also clearly shows the brick covered front yard.

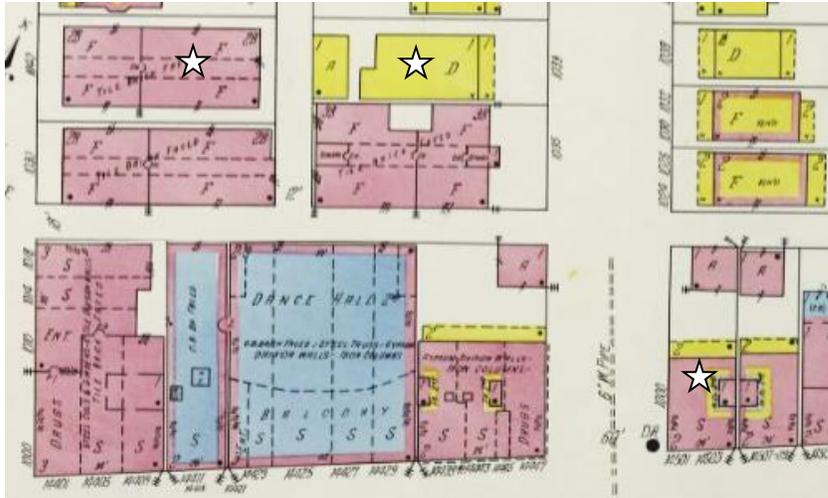
The rehabilitation of the building is an active project; current exterior work is focused on the installation of replacement windows on all elevations.



Google Street View Image, 2009

1039 MARLBOROUGH AND 1040 CHALMERS

As shown in the adjacent 1929 Sanborn map, a single-story wood frame dwelling and a large detached garage were constructed at 1039 Marlborough within feet of the property’s southern lot line. As 1031 Marlborough filled the width of its lot, little space was between the structures. Directly west of 1039 Marlborough is 1040 Chalmers, where a two-story apartment building had been constructed. Staff doesn’t have access to the building cards to confirm the demolition dates for 1039 Marlborough and 1040 Chalmers.



14501 EAST JEFFERSON

The lot on the southeast corner of East Jefferson and Marlborough has been a surface parking lot since at least 2008 (the earliest Google street view image found) and serviced the now-closed adjacent commercial building. The applicant has obtained a lease agreement with the property owner for the use of this lot for additional parking to serve 910 and 1031 Marlborough.

PROPOSAL

To reiterate, the scopes of work before the Commission within this application are only those that have been revised and submitted to the city for review, or were recently added to the project (the surface parking lots).

1031 MARLBOROUGH

New Front Door: Construction Set: Pages A6 & A9.2

- A new front entry door fitting the existing frame is proposed and will be comprised of full clear glass door (24-light) with stained wood frame, flanked by six-high sidelights.

Door Enclosures – Construction Set: Page A6

Rear/West elevation and Courtyard/East elevation

- These doors led to areas in the basement and are partially below grade. The stair/light well will be infilled with dirt to level ground.
- Existing doors and frames will be removed. Openings will be infilled with new CMU on the interior, finish brick matching adjacent brick will be placed on the exterior. Recess face of infill brick by one-inch.

Window Replacement – Construction Set: Page A6, Pella Shop Drawings, Pella Window Order

Pella Reserve Traditional Style Wood Windows, Integral Light Technology, primed exterior (paint color not specified) It is staff’s understanding the Pella window order was based on measured drawings, created by Quaker Windows in 2017, of the existing historic windows present in the building. Therefore, wider mullions, similar to historic mullions, have been specified.

East/Front elevation

Double-hung are six-over one, eight-over-one (2nd floor landing), twelve-over-one (3rd floor landing)

North/Side elevation, courtyard:

Double-hung units, one-over-one

South/Side elevation, courtyard:

Double-hung units, one-over-one

First bay closest to Marlborough will have six-over-one double-hung units to match front elevation windows

West/Rear elevation

Double-hung units, one-over-one

1039 MARLBOROUGH AND 1040 CHALMERS

A sixteen space surface lot will be constructed encompassing both lots and bridged by the north-south alley. Five spots (one ADA) will be located at 1039 Marlborough and accessed by a one-way entrance off Marlborough. The remaining eleven parking spots will be at 1040 Chalmers, whose curb cut will offer two-way traffic leading in and out of the lot.

A sidewalk and ramp will immediately abut the north elevation of 1031 Marlborough, while a grass area will be adjacent the spots at 1040 Chalmers.

14501 EAST JEFFERSON AVENUE

The lot will be patched as needed and restriped. The entry will be off the alley; exit will be at East Jefferson Avenue.

STAFF OBSERVATIONS AND RESEARCH

- The Jefferson-Chalmers Historic Business District was established in August 2008.

1031 MARLBOROUGH

- At the time of the 2017 rehabilitation proposal, most of the windows were missing with the exception of the third floor and second floor landing, front elevation. The building suffered from fire and vandalism as well as damage due to weather exposure.
- The removal of the remaining original windows (which were character-defining features) on the third floor front elevation took place prior to confirmation that this building is in the local historic district. Therefore, the HDC’s review of the current window proposal must be viewed in the context of whether the replacement windows are historically and architecturally appropriate for the building.
- Color System D applies to this building. The chart which identifies color locations states the trim should match existing stone trim color and window sash should match the trim color or A:9-Moderate Brownish Red, B:18-Dark-Reddish Brown, or B:19 Black. Due to this building’s brick and stone design, it is staff’s opinion the most appropriate color for sash is one that matches the surrounding stone.



Photos from NPS Tax Credit Submission.



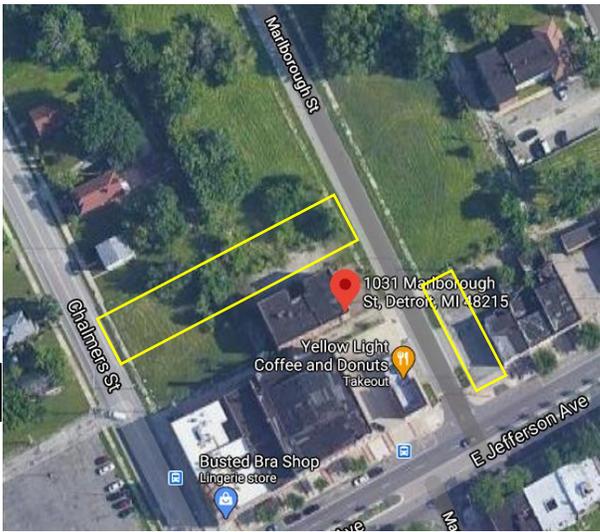
Exterior Detail, East Elevation, Third Floor at Center-South, Window, Looking W

- The 2021 Google aerial view shows almost all of the structures that once lined Marlborough north of East Jefferson have been demolished.

1039 MARLBOROUGH/1040 CHALMERS/14501 E. JEFFERSON

- The aerial shows the lots north and west of 1031 Marlborough empty and overgrown.
- The surface lot at the corner of Marlborough and East Jefferson is partially obscured by the shadow of the adjacent commercial building.

Google aerial image, 2021.



ISSUES

- Specifications for the entry door not provided, including: wood species/type of stain and if the muntins are true-divided or simulated divided-lights.
- Catalog cuts confirming the exterior lighting has not been provided/specified.
- The exterior paint color for the windows has not been specified.
- The double-hung unit on the first floor, south elevation (first bay) is a one-over-one unit, however the windows on the second and third floors are six-over-one double-hung units. It is staff’s opinion the one-over-one window should be replaced to match the six-over-one units. Supporting window documents confirm the idea that the one-over-one window was installed in error.
- The double-hung window installed at the second floor stair landing has a six-over-one pattern; the historic pattern is eight-over one. This window sash should be replaced.
- Due to the afore-mentioned incorrectly installed windows, staff is concerned the third floor landing window (not yet installed) may be fabricated incorrectly. The window order shows a twelve-over one double-hung as does the Quaker measured drawings, however the elevation drawing shows a four-over-one double-hung window.
- Staff didn’t notice where the a/c condensing units will be located.
- Staff didn’t notice if a specification was listed for the refinishing of the cast stone entry.

RECOMMENDATION

Section 21-2-73, Certificate of Appropriateness

It is staff’s opinion the window replacement, door enclosures, and new entry door will not will alter the features and spaces that characterize the property. Staff therefore recommends the Commission issue a Certificate of Appropriateness for the work as proposed because it meets the Secretary of the Interior Standards for Rehabilitation.

Staff recommends the Certificate of Appropriateness be issued with the following conditions, subject to staff review:

- Specifications for the entry door (material, stain, divided lights) will be submitted.
- Catalog cuts for the exterior light fixtures (and confirmation of placement) will be submitted.
- The window at the second floor landing, on the front elevation, will be removed and replaced with an eight-over-one double-hung window.
- The window being fabricated for the third floor landing should be confirmed through Pella (and HDC staff informed) that it will be a twelve-over-one double-hung unit.
- The paint color for the window sash will be submitted for review and will conform to the tenants of trim/sash options as outlined in Color System D.
- Confirmation of A/C condensing units and their placement will be submitted. If the units are to be located on the roof, a dimensioned roof plan must be submitted for staff review.

Section 21-2-5, Effects of projects on districts

Since the project involves a discretionary action by the city involving a sale of publicly-owned property in or adjacent to a city-owned historic district, the Commission has the obligation to make a finding concerning the “demonstrable effects of the proposed project and report same to the Mayor and City Council.” The intent of this section is to provide guidance to city government prior to committing to a particular course of action, under the following requirement:

A City-financed, licensed, permitted, authorized or contracted physical development project shall be considered to have a demonstrable effect on a designated or proposed historic district when any condition of the project creates a change, beneficial or adverse, in the quality of the historical, architectural, archeological, engineering, social or cultural significance that qualified the property for designation as an historic district or that may qualify the property for designation as an historic district. Generally, adverse effects occur under conditions which include:

- (1) Destruction or alteration of all or part of a resource;*
- (2) Isolation from or alteration of the surrounding environment of a resource;*
- (3) Introduction of visual, audible, or atmospheric elements that are out of character with the resource and its setting;*
- (4) Transfer or sale of a City-owned resource without adequate conditions or restrictions regarding preservation, maintenance, or use; and*
- (5) Neglect of a resource resulting in its deterioration or destruction.*

Staff recommends the Commission find the construction of the sixteen-space parking lot at 1039 Marlborough and 1040 Chalmers, as well as the patching and restriping of the lot at 14507 East Jefferson to be beneficial.



Double-Hung sash installed within the second floor landing should be eight-over-one.











The window on the left, staff believes, should have a six-over-one pattern.



MEMORANDUM

TO: Audre Dye, City of Detroit - Historic District Department
Jennifer Ross, City of Detroit - Historic District Department

ADDRESS: **1031 Marlborough St., Detroit, Michigan 48215**

FROM: Marques King Design Manager - EJDevCo./EJMS Marlborough LDHA

DATE: 2/4/2021

RE: 1031 Marlborough Apartment Building/Scope Narrative - HDC Review

Remarks:

Dear Audra & Jennifer,

1031 Marlborough Apartments (Marlboro Building) is an existing walk up apartment building located in the Jefferson Chalmers Neighborhood and falls within the Jefferson Chalmers Mainstreet Historic District Area. The structure was originally built in 1927 and consists of 15 apartments distributed across 4 levels (3 above grade and 1 garden level/basement). The building is clad on all sides with red brick masonry. It was vacant before we put the structure into active development in 2018. Upon gaining control of the facility, the building was already heavily gutted and had some initial reframing work done. This is consistent with our original application.

The project scope of work consists of a selective interior renovation of the building and a systems modernization including updated electrical, HVAC, and plumbing. In the original building there were 16 units. The renovation will include 15 units. Key interior features documented with photographs - and included in the NPS application - will be either retained and replicated in this building. First, milk cupboards, Murphy Bed built-ins, iron board built-ins will be retained and rebuilt in the corridors and in the units. Second, the kitchen footprints, side walls and opening details will be retained. Third, the interior doors - having been removed before construction - will be replicated as closely as possible to the originals, documented in the NPS application. Fourthly, the corridor cove ceiling will be replicated as closely as possible in the common corridor.

On the exterior the primary historic facade that faces Marlborough Street, looking to the east, the windows and front door will be replicated to closely mimic and replicate the original details of those original openings as documented in the NPS application and under the guidance of our historic design contractors. This includes the unique "square-back" windows that exist at the top floor of the structure. On the sides, rear and in the courtyard facades the windows will also have an historic profile, same as those on the front facade.

I hope this narrative provides sufficient explanation for the scope of work of this project

Sincerely,

Marques King,

Economic Development & Design Manager, East Jefferson Development Corporation

mking@ejdevco.com

CC: Derric Scott, CEO of EJDevCo. dscott@ejdevco.com

Brandon Hodges , Development Director - EJDevCo., bhodges@ejdevco.com

Monique Becker, Development Manager - Mona Lisa Development, monique@monalisadevloment.com

Applicant Photos













Contract - Detailed

Sales Rep Name: Reeves, Dana
Sales Rep Phone: 248-464-8601
Sales Rep Fax: 248-292-5031
Sales Rep E-Mail: reevesdj@pella.com

Customer Information	Project/Delivery Address	Order Information
Jefferson East, Inc 300 River Place Dr Suite 5250 DETROIT, MI 48207 Primary Phone: (313) 331-7939 Mobile Phone: Fax Number: E-Mail: Contact Name: Great Plains #: 1005798574 Customer Number: 1009652146 Customer Account: 1005798574	Marlborough Apartments 1031 Marlborough St 1031 Marlborough St Lot # DETROIT, MI 48215 County: WAYNE Owner Name: Jefferson East, Inc Owner Phone: (313) 331-7939	Quote Name: 1031 Marlborough - ASR - all wood Order Number: 189TDRC13 Quote Number: 12480357 Order Type: Non-Installed Sales Wall Depth: Payment Terms: Net 60 Days Tax Code: EXEMPT Cust Delivery Date: None Quoted Date: 4/8/2020 Contracted Date: Booked Date: Customer PO #:
Accessories Managed / Delivery Date		
Window Screens	4/9/2021	Window Hardware 4/9/2021

Customer Notes: NET PRICE (your cost)

Room Location shown as follows: WindowType Elevation Room-Unit

Frame sizes were calculated based on installer's MO field measurement, then adjusted as follows:

Frame width = MO - 3.125" {BM width of (1.1875" X 2) + 0.75" for clearance/sealant}

Frame hgt. = MO - 3" {(BM width of 1.1875" + subsill hgt. of 1.09375") + 0.75" for clearance/sealant}

Frame size then adjuste up or down (via a small fraction) to allow for alignment vertically on width and horizontally on hgt., while maintaining enough clearance to shim/caulk. As a result, some openings will vary from the factory recommended 3/8" clearance between frame & MO.

Almost all line item numbers have changed (this will cause the squareback brickmould line # listed in approval notes to differ unless changed by PAS). Numbered by floor, starting with right-most South elevation basement unit and counterclockwise by floor from there.

Basement is lines 5 - 98

First Floor is lines 100 - 198

Second Floor is lines 200 - 298

Third Floor is lines 300 - 398

Custom Brickmould for squarebacks is lines s 400 - 498

** As you go around the building, each vertical column of windows has the same last two digits for the line item number. **

No screens priced for squarebacks and the two rectangular units beneath the squareback on the south elevation. Screens for these can be ordered at a later date.

DISREGARD ALL PERFORMANCE DATA ON EACH LINE ITEM. AS SPECIAL UNITS, ALL WINDOWS ON THIS CONTRACT HAVE NO HALLMARK CERTIFICATION, DISREGARD ALL LINE ITEM NOTES THAT STATE PRICING IN INCOMPLETE. PRICE IS COMPLETE. UNITS WILL BE RESUBMITTED FOR FINAL DRAWINGS, NOW THAT ALL SIZE/ATTRIBUTES ARE FINAL. SQUAREBACK UNITS WILL NOT GO INTO PRODUCTION UNTIL TEMPLATES ARE DRAWN AN APPROVED.

MK (INITIAL HERE THAT YOU HAVE READ ALL ABOVE NOTES, INCLUDING THOSE ON PAGE ONE)

Customer: Jefferson East, Inc

Project Name: Marlborough Apartments 1031 Marlborough St

Order Number: 189TDRC13

Quote Number: 12480357

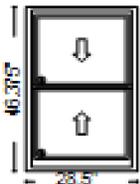
Line #	Location:	Attributes
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5 T S Ktch-B

Special Architect, Traditional, Double Hung, 28.5 X 46.375

Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal

Frame Size: 28 1/2 X 46 3/8

General Information: Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"

Exterior Color / Finish: Primed, Primed Wood

Interior Color / Finish: Prefinished White Paint Interior

Sash / Panel: Putty Glaze, Ogee, Standard, No Sash Lugs

Glass: Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude

Hardware Options: Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor

Screen: Half Screen, Standard EnduraClad, Poplar White, Standard, InView™

Performance Information: U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements

Grille: No Grille,

Wrapping Information: Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 150".

Rough Opening: 29 - 1/4" X 48 - 1/4"

Customer Notes: MO = 31.5 X 49.5

TEMPERED AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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10 P S Bath-B



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 24.25 X 46.375**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 46 3/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 142".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48.25"

Customer Notes: MO = 27.25 x 49.5

OBSCURE TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

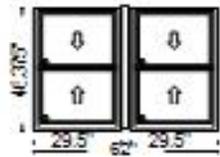
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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15 U S BR-B

Special Architect, Traditional, 2-Wide Double Hung, 62 X 46.375Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, 29,546.375 Double Hung, Equal**Frame Size:** 29 1/2 X 46 3/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 29,546.375 Double Hung, Equal****Frame Size:** 29 1/2 X 46 3/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 217".**Rough Opening:** 62 - 3/4" X 48 - 1/4"

Customer Notes: MO = 65.25 X 49.5

TEMPERED, AT GRADE LEVEL

INSTALLATION SHOP DRAWING FOR MARLBOROUGH APARTMENTS BUILDING RENOVATIONS

1031 MARLBOROUGH ST.; DETROIT, MI

REV.	DATE	REV.	DATE
1	2-14-19	1	
2	2-28-19	2	
3		3	
4		4	
5		5	

General Notes

- 1) **WARRANTY**
- All warranties for the performance of Pella® Products are void if the product is installed contrary to these installation shop drawings and other applicable standard product installation instructions. See www.pella.com for the Pella product limited warranty and care instructions.
- 2) **RESPONSIBILITY FOR PROPER INSTALLATION AND CODE COMPLIANCE**
- These drawings and details are prepared exclusively for use with Pella products, are based on the information provided to Pella Corporation, and are prepared for use by architects, contractors, or other construction professionals. Final approval by others is required to assure proper integration with other building materials and trades, and compliance with code and design intent. Pella Corporation is not responsible for any form of hazardous material encountered in connection with the installation and use of the Pella products. Pella Corporation is not responsible for deviation from the designed installation or for any errors occurring through the use of these drawings for purposes other than installation of Pella products.
 - It is the responsibility of the architect and contractor to verify all dimensions, quantities, grille patterns, installation details, product performance requirements, safety glazing requirements, and egress requirements for compliance with local codes, government regulations and project requirements prior to fabrication of Pella products. Pella Corporation will not be responsible for noncompliance nor accept responsibility beyond manufacturing products in accordance with dimensions shown on these drawings. **CAUTION:** Unless indicated otherwise, these units are glazed with annealed glass and cannot be installed in hazardous locations as defined by local codes and/or government laws and regulations.
 - Install all Pella products and accessories in accordance with these drawings and standard product installation instructions. Unless specified otherwise in these drawings, Pella product installation, all exterior and interior wood trim, blocking, sealant, backer rod, shims, wall flashing, and insulation are provided by others.
 - Special Sealants Note:** Interior and exterior sealants must be commercial grade complying with the project architectural specifications and shall meet ASTM-C920, unless otherwise specified on these drawings. Sealants used in the installation of the Pella windows and doors must be installed per sealant manufacturers' recommendations, local code requirements, and state and federal laws, including proper application, surface preparation, use of primers, compatibility with other sealants and adjacent materials. Backer rods shall be non-gassing, comply with ASTM C1330 and applicable for its intended use. Its diameter should be 25 percent greater than the joint width for joints less than 1".
 - Windows and doors are sized to accommodate the following opening tolerances except where local codes are more stringent.
 - Vertical dimensions between high and low points -- plus 1/4" or minus 0"
 - Width dimensions -- plus 1/4" or minus 0"
- 3) **NOTE ON BARRIER WALL SYSTEMS, EXTERIOR INSULATION AND FINISH SYSTEMS AND OTHER NON-WATER MANAGED SYSTEMS:**
- Because all construction must anticipate some water infiltration, it is important that the wall system be designed and constructed to properly manage moisture. Pella Corporation is not responsible for claims or damages caused by anticipated and unanticipated water infiltration, deficiencies in building design, construction and maintenance; failure to install Pella products in accordance with Pella's installation instructions, or the use of Pella products in barrier wall systems which do not allow for proper management of moisture within the wall system (see the following). The determination of the suitability of all building components, including the use of Pella products, as well as the design and installation of flashing and sealing systems is the responsibility of the Buyer or User, the architect, contractor, installer, or other construction professional and is not the responsibility of Pella. All risks related to building design and construction, or the maintenance, installation and use of Pella products shall be assumed by Buyer and/or User.
 - IMPORTANT NOTICE:** Pella products should not be used in barrier wall systems which do not allow for proper management of moisture within the wall systems, such as barrier Exterior Insulation and Finish Systems (EIFS) (also known as synthetic stucco) or similar systems. Except in the states of California, New Mexico, Arizona, Nevada, Utah, and Colorado, Pella makes no warranty of any kind on, and assumes no responsibility for, Pella windows and doors installed in barrier wall systems. In the states listed above, the installation of Pella Products in EIFS or similar barrier systems must be in accordance with Pella's instructions for that type of construction.
- 4) These drawings are the property of Pella Corporation and must not be reproduced in whole or in part without written permission from an authorized representative of Pella Corporation.
- 5) Product cross sections shown on these drawings are subject to change without notice.

Construction Documents Received

THESE DRAWINGS WERE PREPARED FROM THE FOLLOWING INFORMATION		DATED
ARCHITECTURAL PLANS	SHEETS A6, A9	9-23-16
SPECIFICATIONS	NONE	-
ADDENDUM	NONE	-
OTHER	EC-1, EC-2	6-1-17

Mullion Reinforcement

THIS REINFORCING DESIGN CONSIDERS WIND LOADING ON THE COMBINATION AND DEAD LOAD FOR PELLA PRODUCTS ONLY.

MARK #	REINFORCEMENT TYPE	MAX. END LOAD

END CONNECTIONS MUST NOT INTERFERE WITH FRAMES OR SEALANT PLACEMENT. WALL CONSTRUCTION AND END CONNECTIONS MUST BE DESIGNED TO ACCEPT THE LOADS INDICATED. STEEL REINFORCEMENT MUST BE PRIMED & TOP COATED WITH QUALITY PAINT. USE FULL PENETRATION WELDS AT CONNECTIONS.

Abbreviations

ALUM. = ALUMINUM	LBS. = POUNDS	R.O. = ROUGH OPENING
B.O. = BY OTHERS	MAX. = MAXIMUM	SDS. = SELF-DRILLING SCREW
CONT. = CONTINUOUS	MIN. = MINIMUM	SIM. = SIMILAR
CLR. = CLEARANCE	M.O. = MASONRY OPENING	TBD = TO BE DETERMINED
DTL. = DETAIL	NA = NOT APPLICABLE	TOT. FR. = TOTAL FRAME
DIM. = DIMENSION	OC. = ON CENTER	V.G. = VISIBLE GLASS
EQ. = EQUAL	OPG. = OPENING	VIF. = VERIFY IN FIELD
FHWS. = FLAT HEAD WOOD SCREW	OPP. = OPPOSITE	WO = WINDOW OPENING
FR. = FRAME	REQ'D = REQUIRED	

Hatch Patterns

	PLYWOOD		BRICK		STEEL		FOAM SEALANT
	GYPSUM		CONCRETE		RIGID INSULATION		SOLID
	WOOD		CONCRETE BLOCK		GROUT		BATT INSULATION

Symbols

	= TEMPERED GLAZING		= LAMINATED		= PANEL
	= IMPACT GLAZING		= OBSCURE GLAZING		= SPANDREL
	= FIELD MULLION INDICATOR		= PARTIAL BLOCKING		= SEALANT
	= DETAIL CUT		= CONTINUOUS BLOCKING		= BACKER ROD
	= MULLION REINFORCEMENT		= SPRAY FOAM SEALANT		

Components & Cladding Design Pressures

CODE: ASCE 7-10 (IBC 2012, IBC 2015)

Mean Roof Height (ft):	40	Building Length (ft):	NA
Design Wind Speed (MPH):	115	Building Width (ft):	NA
Exposure Category:	C	Edge Strip "a"(ft):	Verify
Building Classification/Occupant Category:	II		
Topographical Factor:	1		

Sq ft of opening	Zone 4		Zone 5	
	Pos	Neg	Pos	Neg
10	21.2	-23.1	21.2	-28.5
20	20.2	-22.2	20.2	-26.6
50	18.9	-20.9	18.9	-24.0
100	17.9	-19.9	17.9	-22.1
500	15.7	-17.6	15.7	-17.7

Note: The pressures and loads shown have been converted to comply with WDMA/AAMA standards and NAFS Performance rating system. This system is based on Allowable Stress design pressures.

FAILURE TO CONFIRM THESE DESIGN PRESSURES BY A LOCAL STRUCTURAL ENGINEER OR BUILDING OFFICIAL MAY RESULT IN INADEQUATE MULLION DESIGN OR SELECTION OF PRODUCTS.

Field Water Testing

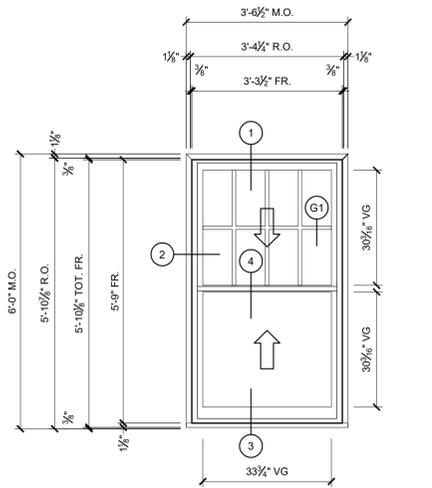
FIELD WATER TESTING (IF SPECIFIED) SHALL BE CONDUCTED IN ACCORDANCE WITH ASTM E1105 TEST PROCEDURE B. THE TEST PRESSURE SHALL BE BASED ON THE MAXIMUM POSITIVE COMPONENTS AND CLADDING DESIGN PRESSURE. UTILIZING THE AAMA 502 FIELD TEST REDUCTION, THE WATER TEST PRESSURE IS 10% OF THE MAXIMUM POSITIVE DESIGN PRESSURE.

Deviations from Architectural Drawings

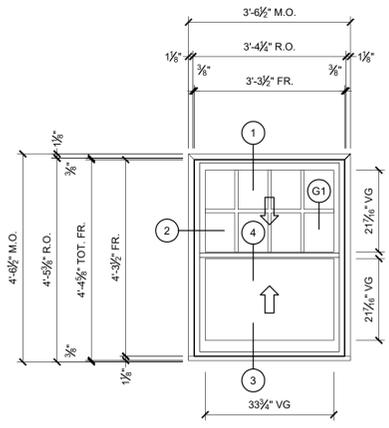
- CONFIRM THE FOLLOWING ITEMS ARE ACCEPTABLE WITH THE GENERAL CONTRACTOR AND PROJECT ARCHITECT:
- THE WINDOW SCHEDULE IN THE ARCHITECTURAL DRAWINGS INDICATES 1" THICKNESS INSULATED GLAZING IS REQUIRED. PELLA GLAZING THICKNESS VARIES WITH THE STRUCTURAL REQUIREMENTS OF THE PRODUCT.
 - THE WINDOW SCHEDULE IN THE ARCHITECTURAL DRAWINGS INDICATES A GRILLE PATTERN FOR THE TYPE C, D AND E WINDOWS THAT VARY FROM THAT OF THE TYPE D AND E PELLA WINDOWS IN THIS SHOP DRAWING.
 - THE WINDOW SCHEDULE IN THE ARCHITECTURAL DRAWINGS INDICATES A QUANTITY OF WINDOWS THAT VARY FROM THAT OF THE QUANTITIES OF PELLA WINDOWS IN THIS SHOP DRAWING.

Special Notes

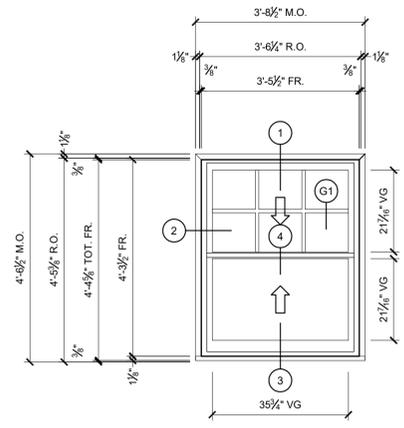
- CONFIRM THE FOLLOWING ITEMS ARE ACCEPTABLE WITH THE GENERAL CONTRACTOR AND PROJECT ARCHITECT:
- INSTALLATION ACCESSORIES SUCH AS BLOCKING, SHIMS, FASTENERS, FLASHING TAPES, FLASHINGS, SEALANTS, INTERIOR TRIM OR FINISHES, AND WEATHER BARRIER ARE BY OTHERS UNLESS NOTED OTHERWISE.
 - FIELD VERIFY ALL DETAILS & DIMENSIONS
 - ARCHITECT TO VERIFY SAFETY GLAZING & EGRESS REQUIREMENT
 - CAUTION WHEN HANDLING PRODUCT. ALL PELLA PRODUCTS SHOULD BE KEPT VERTICAL DURING HANDLING AND STORAGE. ANY MISHANDLING COULD RESULT IN PRODUCT AND/OR MULLION FAILURE.
 - IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE ALL WINDOWS AND DOORS ARE CLOSED AND LOCKED DURING INCLEMENT WEATHER OR WHEN A ROOM IN WHICH A WINDOW OR DOOR IS INSTALLED IS VACANT.
 - PELLA CORPORATION DID NOT RECEIVE PROJECT SPECIFICATIONS. THEREFORE, CONFORMANCE TO PROJECT SPECIFICATIONS IS THE SOLE RESPONSIBILITY OF THE PELLA SALES BRANCH AND THE GENERAL CONTRACTOR
 - DUE TO THE NATURE OF ANY REPLACEMENT PROJECT, IT IS IMPERATIVE THAT THE ARCHITECT, ENGINEER OR CONTRACTOR DETERMINES IF THE EXISTING STRUCTURE IS STRUCTURALLY SOUND FOR THE ANCHORAGE OF THE WINDOWS SPECIFIED FOR THIS PROJECT. IN ADDITION, THE ARCHITECT, ENGINEER AND CONTRACTOR MUST DETERMINE IF THE DETAILS SHOWN ON THESE DRAWINGS ARE ACCEPTABLE WITH THE EXISTING FLASHING FOR AN EFFECTIVE WATER MANAGED SYSTEM. ALSO, THE EXISTING WALL CONSTRUCTION MUST BE CHECKED TO DETERMINE IF WATER PROBLEMS EXIST. ANY WATER PENETRATION MUST BE REPAIRED PRIOR TO INSTALLING THE NEW WINDOWS.



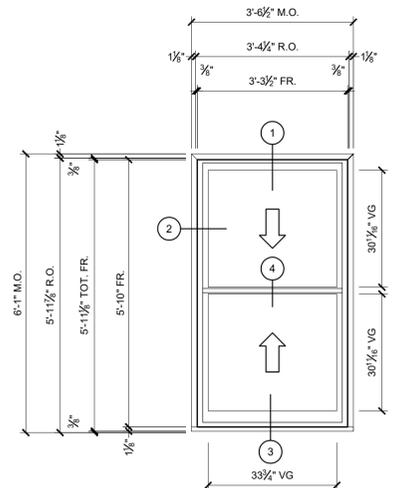
Window D - 1031
LINE # 25 1
QTY



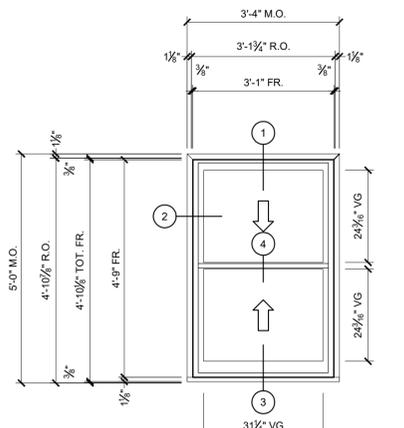
Window E - 1031
LINE # 30 2
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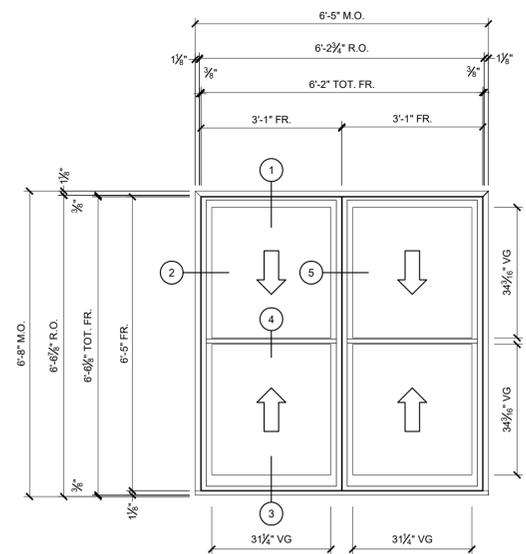
Window F - 1031
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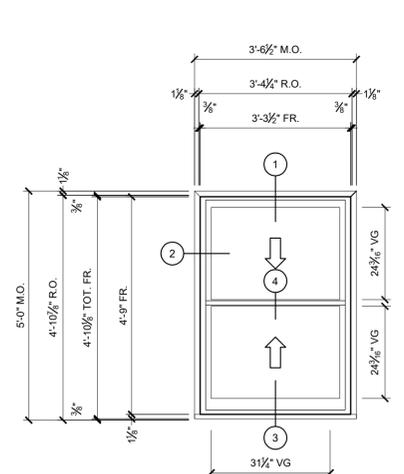
Window G - 1031
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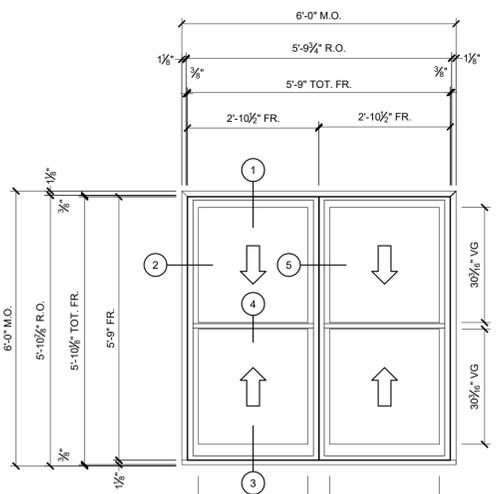
Window H - 1031
LINE # 45 3
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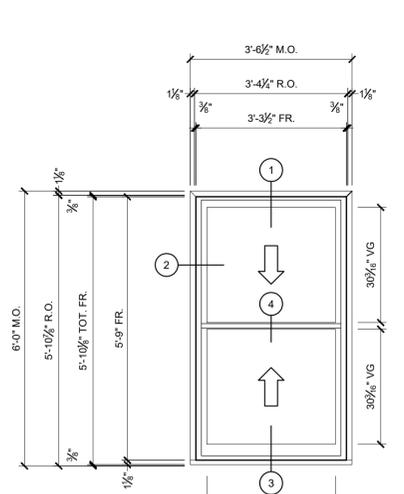
Window I - 1031
LINE # 50 3
QTY



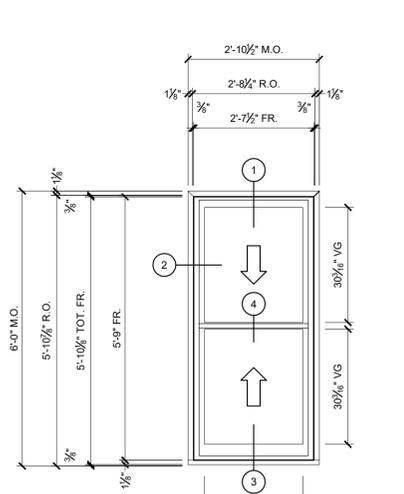
Window J - 1031
LINE # 55 3
QTY



Window L - 1031
LINE # 60 12
QTY

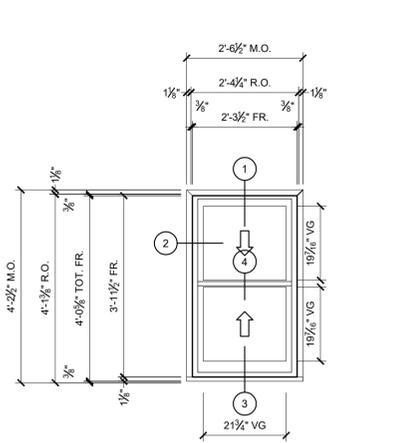


Window N - 1031
LINE # 65 2
QTY

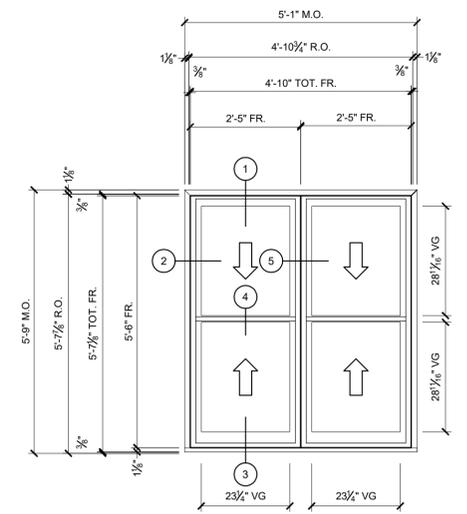


Window O - 1031
LINE # 70 3
QTY

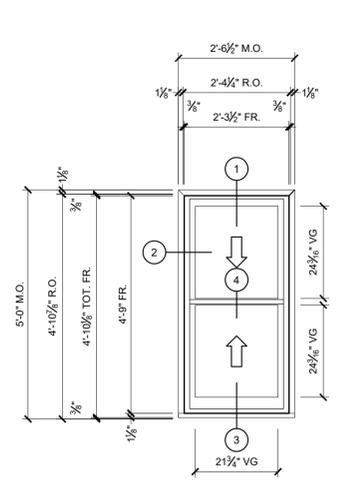
REV.	DATE	REV.	DATE
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2	2-28-19	2	
3		3	
4		4	
5		5	



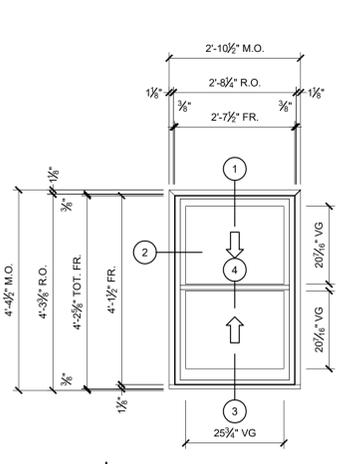
Window P - 1031
LINE # 75 9 QTY



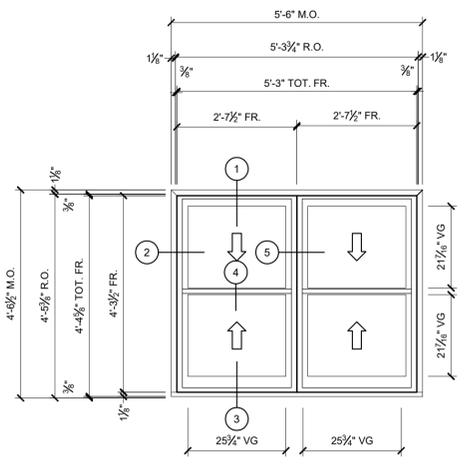
Window Q - 1031
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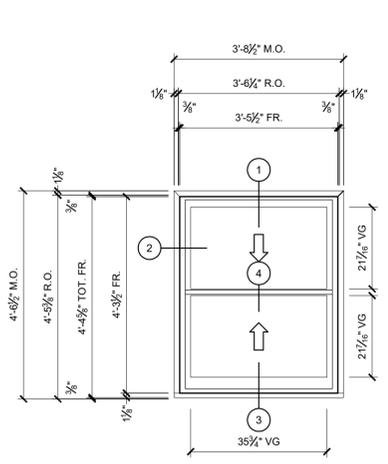
Window R - 1031
LINE # 85 3 QTY



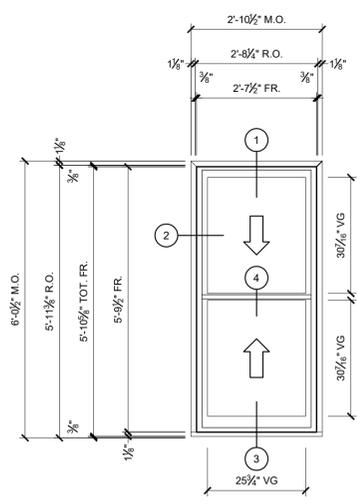
Window T - 1031
LINE # 95 9 QTY



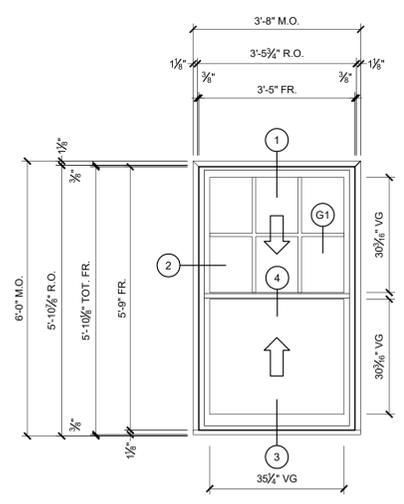
Window U - 1031
LINE # 100 1 QTY



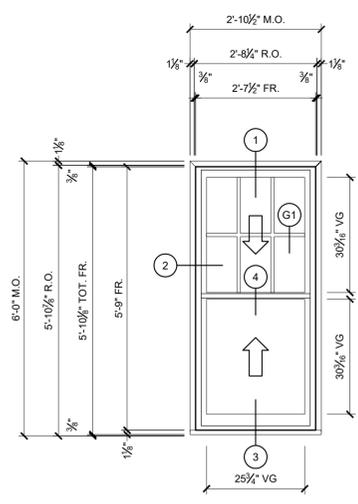
Window V - 1031
LINE # 105 1 QTY



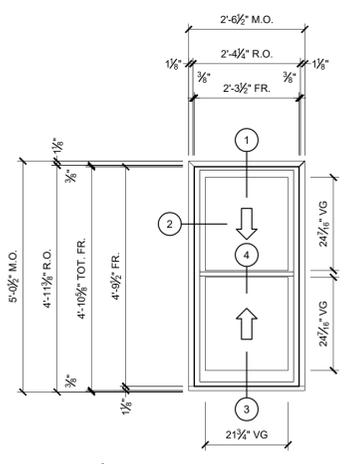
Window A2 - 1031
LINE # 110 6 QTY



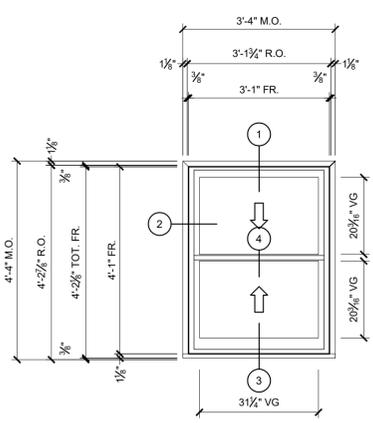
Window A3 - 1031
LINE # 115 6 QTY



Window B2 - 1031
LINE # 120 12 QTY

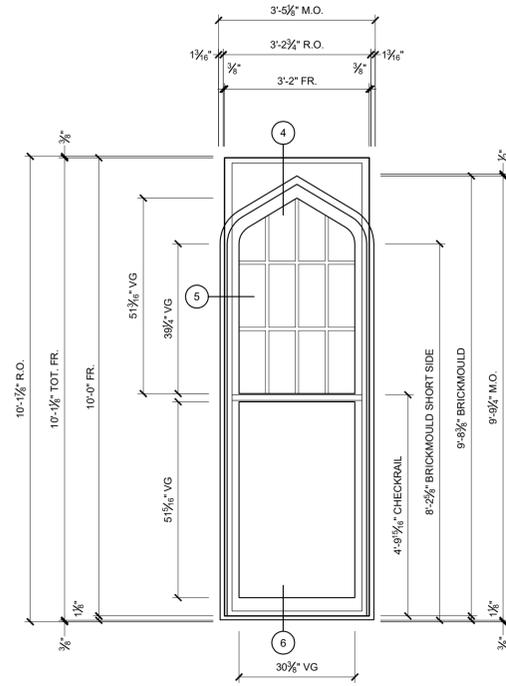


Window T - no WOD
LINE # 260 3 QTY



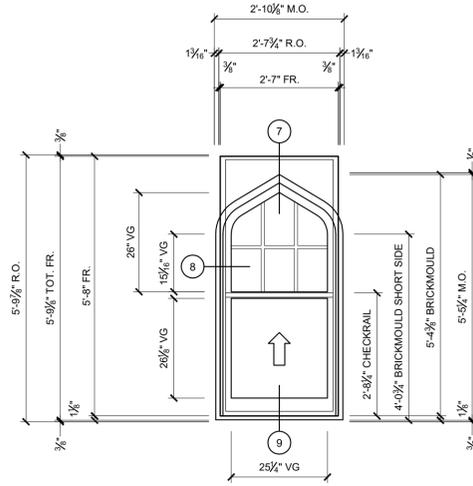
1031 s. elev grd P
LINE # 270 6 QTY

REV.	DATE	REV.	DATE
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3		3	
4		4	
5		5	



△ 2 | **Window C - 1031** | 1
LINE # 290 | QTY

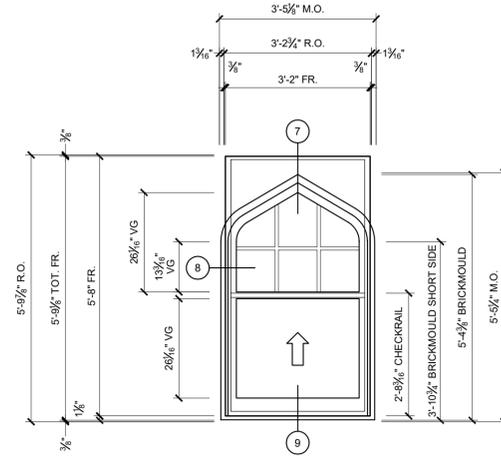
CUSTOM SHAPE MONUMENTAL SIMULATED HUNG SQUAREBACK



△ 2 | **Window B - 1031** | 3
LINE # 295 | QTY

△ 2 | **Window B - 1031** | 3
LINE # 300 | QTY

CUSTOM SHAPE RESERVE MODEL 5 SINGLE HUNG SQUAREBACK



△ 2 | **Window A - 1031** | 3
LINE # 305 | QTY

CUSTOM SHAPE RESERVE MODEL 5 SINGLE HUNG SQUAREBACK

REV.	DATE	REV.	DATE
△ 1	2-14-19	△ 1	-
△ 2	2-28-19	△ 2	-
△ 3	-	△ 3	-
△ 4	-	△ 4	-
△ 5	-	△ 5	-

INSTALLATION SHOP DRAWING FOR

MARLBOROUGH APARTMENTS BUILDING RENOVATIONS

LOCATION: 1031 MARLBOROUGH ST., DETROIT, MI
ARCHITECT: EDWARDS GROUP INTERNATIONAL INC.

ORIGINAL: 2-7-19

DRAWN BY: NRK

CHECKED BY: GG

Project No.:

206374.17

SHEET:

04 OF 10

SPECIFICATIONS																														
Line #	Quote No.	Unit ID	Windowset Name	Operation / Venting	Exterior Material Type	Wood Type	Exterior Finish	Interior Finish	Exterior Sash / Panel Profile	Interior Sash / Panel Profile	Glazing Type	Insulated Type	Glass Strength	Insulated Glass Options	Low-E Glass Style	Gas Filled	Hardware Finish	Screen Option	U-Factor	SHGC	VLT	Performance Class	PG	Grille Application	Grille Exterior Profile	Grille Interior Profile	Grille Bar Profile Width	Jamb Extended Wall Depth	Screen Exterior Paint Grade	Screen Color
25	10929563	Window D - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Primed	Putty Glaze	Ogee	Insulated	Dual	Annealed	Green Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.30	0.25	0.41	CW	45	Integral Light Technology(R) Grilles	Putty Glaze	Ogee	7/8"	4 9/16"		
30	10929563	Window E - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Primed	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.29	0.25	0.47	CW	45	Integral Light Technology(R) Grilles	Putty Glaze	Ogee	7/8"	4 9/16"		
35	10929563	Window F - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Primed	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.29	0.25	0.47	CW	45	Integral Light Technology(R) Grilles	Putty Glaze	Ogee	7/8"	4 9/16"		
40	10929563	Window G - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
45	10929563	Window H - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Green Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.29	0.28	0.46	CW	45	No Grille				4 9/16"		
50	10929563	Window I - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
50	10929563	Window I - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
55	10929563	Window J - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
60	10929563	Window L - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
60	10929563	Window L - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
65	10929563	Window N - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
70	10929563	Window O - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
75	10929563	Window P - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
80	10929563	Window Q - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
80	10929563	Window Q - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
85	10929563	Window R - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
95	10929563	Window T - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
100	10929563	Window U - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
100	10929563	Window U - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
105	10929563	Window V - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
110	10929563	Window A2 - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
115	10929563	Window A3 - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.29	0.25	0.47	CW	45	Integral Light Technology(R) Grilles	Putty Glaze	Ogee	7/8"	4 9/16"		
120	10929563	Window B2 - 1031	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.29	0.25	0.47	CW	45	Integral Light Technology(R) Grilles	Putty Glaze	Ogee	7/8"	4 9/16"		

ARCHITECTURAL SUPPORT SERVICES
 DEPARTMENT
 Pella Corporation
 Window and Door Installation Solutions
 11/18/13

DATE:					
REV:	△	△	△	△	△
DATE:	2-14-19				
REV:	△	△	△	△	△

INSTALLATION SHOP DRAWING FOR
MARLBOROUGH APARTMENTS BUILDING RENOVATIONS
 LOCATION: 1031 MARLBOROUGH ST., DETROIT, MI
 ARCHITECT: EDWARDS GROUP INTERNATIONAL INC.

ORIGINAL: 2-7-19
 DRAWN BY: NRK
 CHECKED BY: GG
 Project No.:
206374.17
 SHEET:
05 OF 10

SPECIFICATIONS 

Line #	Quote No.	Unit ID	Windowset Name	Operation / Venting	Exterior Material Type	Wood Type	Exterior Finish	Interior Finish	Exterior Sash / Panel Profile	Interior Sash / Panel Profile	Glazing Type	Insulated Type	Glass Strength	Insulated Glass Options	Low-E Glass Style	Gas Filled	Hardware Finish	Screen Option	U-Factor	SHGC	VLT	Performance Class	PG	Grille Application	Grille Exterior Profile	Grille Interior Profile	Grille Bar Profile Width	Jamb Extended Wall Depth	Screen Exterior Paint Grade	Screen Color
260	10929563	Window T - no WOD	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
270	10929563	1031 s. elev grnd P	Architect Series(R) Reserve Traditional Double-Hung	Double Hung	Wood	Pine	Primed	Bright White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	No Screen	0.28	0.28	0.53	CW	45	No Grille				4 9/16"		
290	10929563	Window C - 1031	Architect Series(R) Reserve Traditional Monumental Double-Hung	Simulated Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White		0.29	0.23	0.43	LC	25	Integral Light Technology(R) Grilles	Putty Glaze	Ogee	7/8"	5 7/16"		
295	10929563	Window B - 1031	Architect Series(R) Reserve Traditional Single-Hung	Single Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	Half Screen	0.29	0.25	0.47	CW	45	Integral Light Technology(R) Grilles	Putty Glaze	Ogee	7/8"	5 7/16"	Standard EnduraClad	Brown
300	10929563	Window B - 1031	Architect Series(R) Reserve Traditional Single-Hung	Single Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	Half Screen	0.29	0.25	0.47	CW	45	Integral Light Technology(R) Grilles	Putty Glaze	Ogee	7/8"	5 7/16"	Standard EnduraClad	Brown
305	10929563	Window A - 1031	Architect Series(R) Reserve Traditional Single-Hung	Single Hung	Wood	Pine	Primed	Prefinished White Paint	Putty Glaze	Ogee	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	White	Half Screen	0.29	0.25	0.47	CW	45	Integral Light Technology(R) Grilles	Putty Glaze	Ogee	7/8"	5 7/16"	Standard EnduraClad	Brown

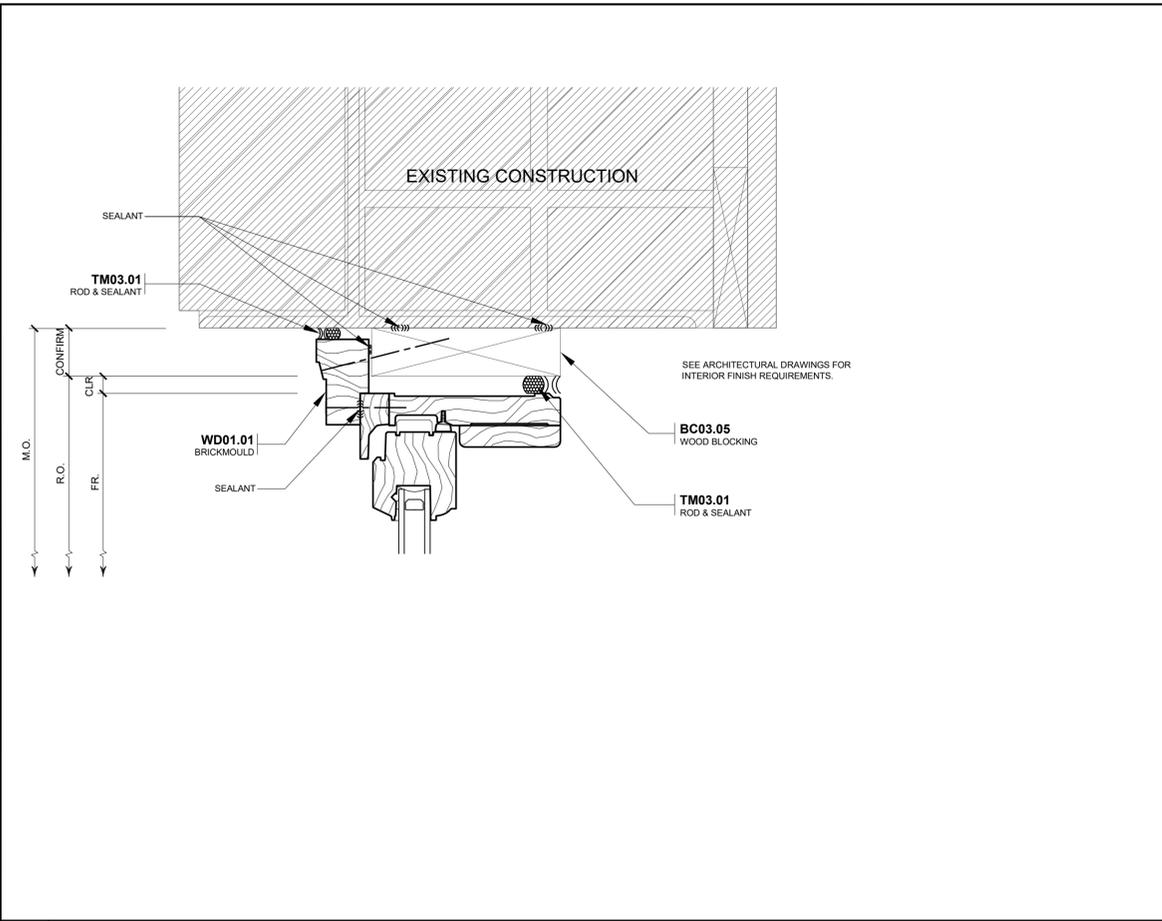
ARCHITECTURAL SUPPORT SERVICES
D E P A R T M E N T
Pella Corporation
Pella, Iowa
Window and Door Installation Solutions



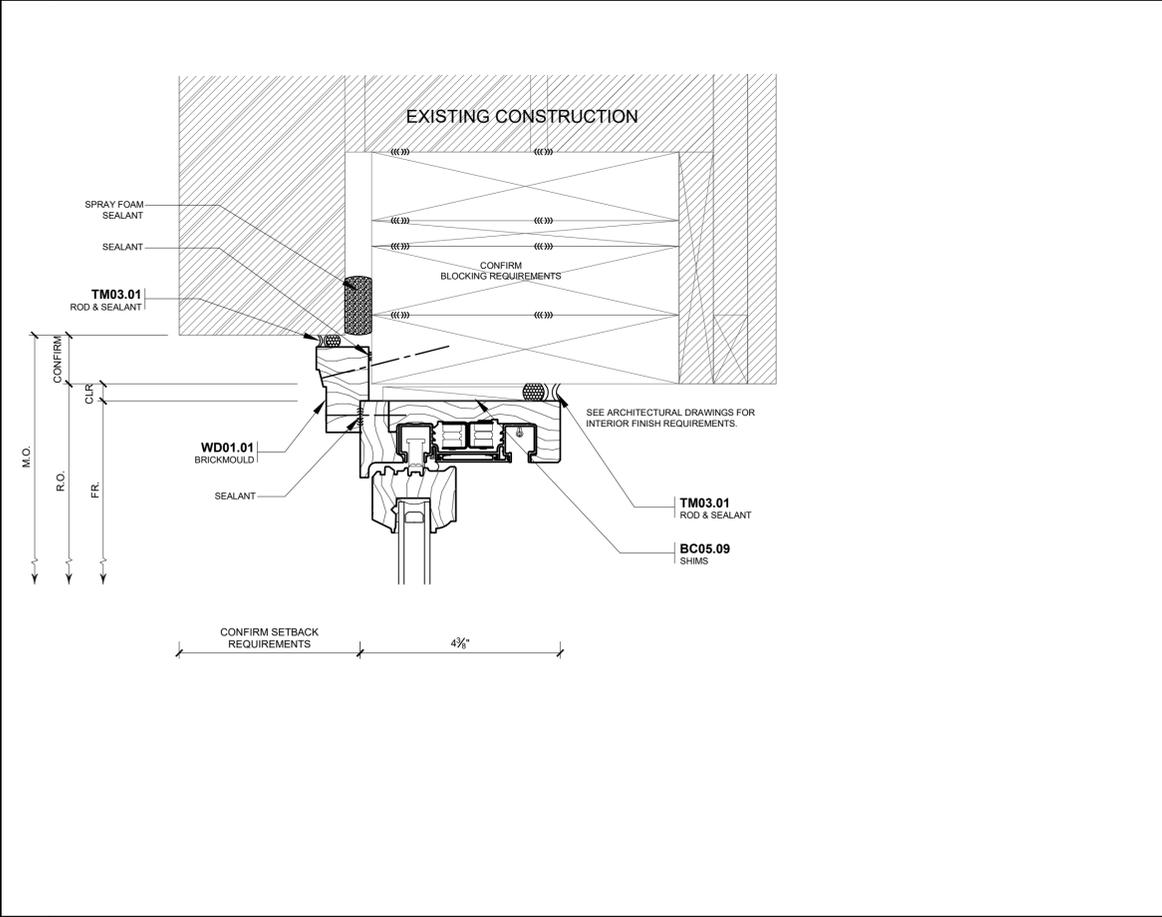
REV:	DATE:	REV:	DATE:	REV:	DATE:	REV:	DATE:
△	2-14-19	△	2-26-19	△		△	

INSTALLATION SHOP DRAWING FOR
MARLBOROUGH APARTMENTS BUILDING RENOVATIONS
 LOCATION: 1031 MARLBOROUGH ST., DETROIT, MI
 ARCHITECT: EDWARDS GROUP INTERNATIONAL INC.

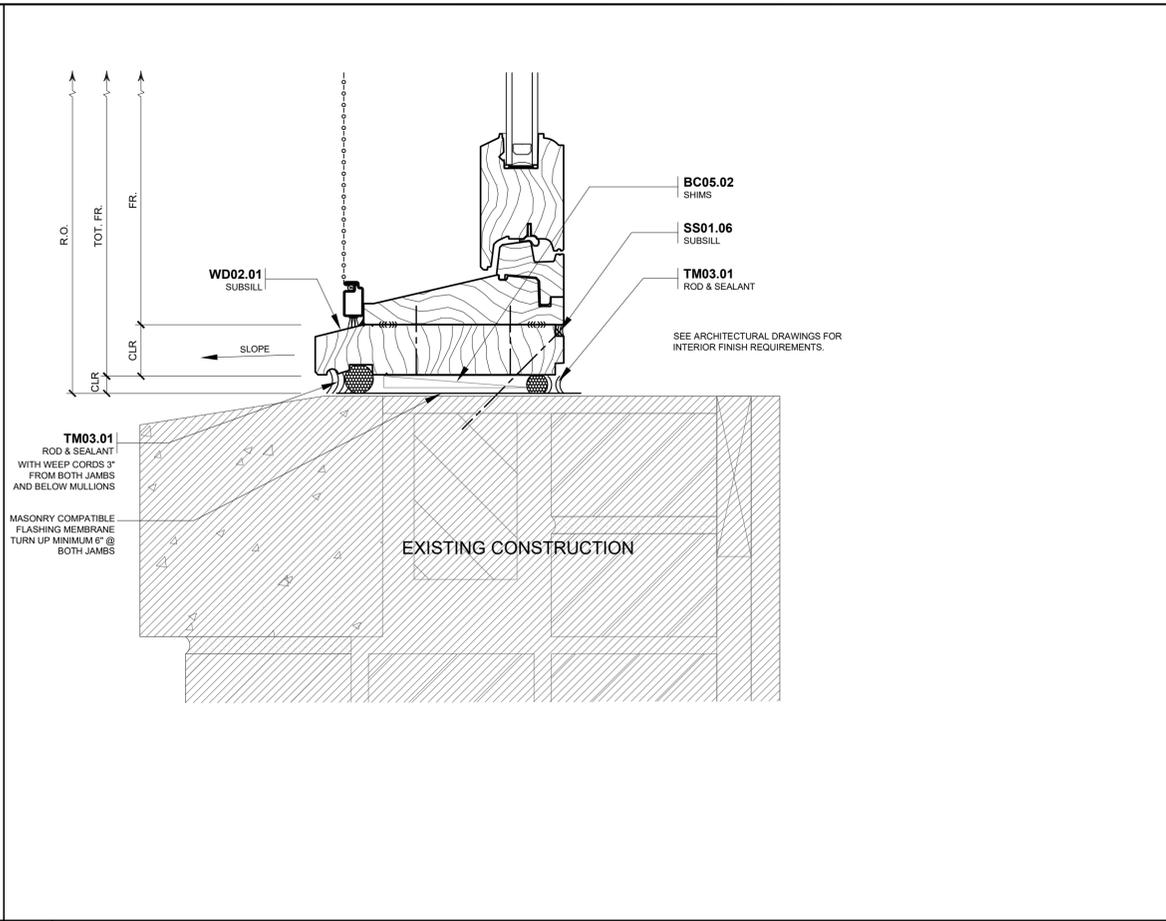
ORIGINAL: 2-7-19
 DRAWN BY: NRK
 CHECKED BY: GG
 Project No.:
206374.17
 SHEET:
06 OF 10



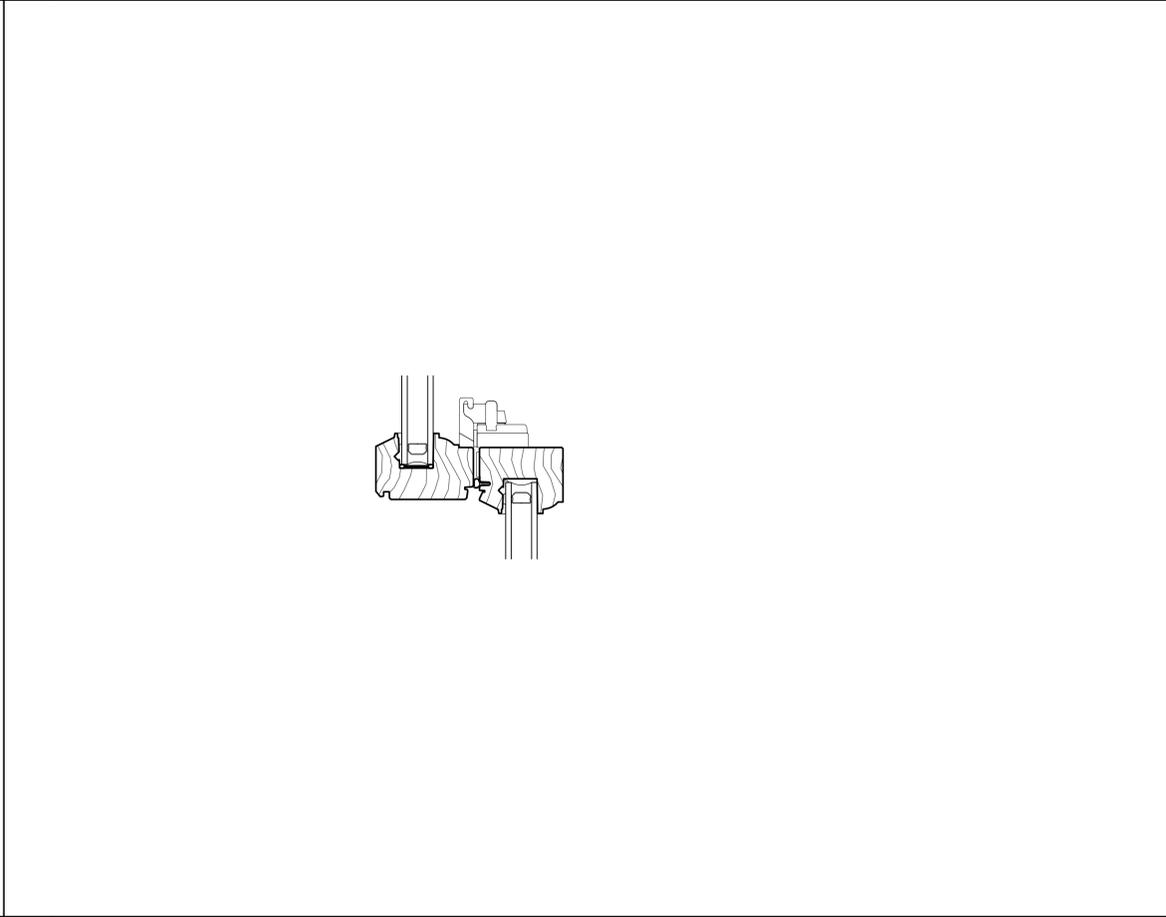
1 HEAD
REF. ARCH. DWG.: 3/EC-1



2 JAMB
REF. ARCH. DWG.: -



3 SILL
REF. ARCH. DWG.: 5/EC-1



4 CHECKRAIL
REF. ARCH. DWG.: 4/EC-1

DETAIL KEYNOTES

BC : BUILDING COMPONENTS (BY OTHERS)

BC03.05 CONTINUOUS WOOD BLOCKING. SEAL AND ANCHOR SECURELY TO WALL CONSTRUCTION.
BC05.02 LEVEL OPENING SILL PRIOR TO UNIT INSTALLATION. PROVIDE IMPERVIOUS SHIMS 1/2" FROM EACH OPENING JAMB AND AT WINDOW MULLION AS REQUIRED. FOR VINYL WINDOWS, ADD SHIMS SO MAXIMUM SPACING IS 18".
BC05.09 SHIM AND PLUMB UNITS AS PER INSTALLATION INSTRUCTIONS. (DO NOT OVER SHIM)

SS : SUBSILL / SILL PANS

SS01.06 ANCHOR UNIT THRU SUBSILL TO OPENING WITHIN 6" OF ENDS AND 18" ON CENTER (MAXIMUM).

TM : THERMAL AND MOISTURE PROTECTION

TM03.01 WATER RESISTANT BACKER ROD AND SEALANT.

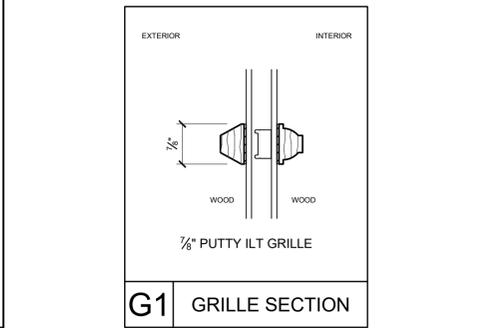
WD : WOOD WINDOW ACCESSORIES

WD01.01 BACK CAULK BRICKMOULD AND ANCHOR TO WALL CONSTRUCTION WITH 16G GALVANIZED NAILS WITHIN 6" OF ENDS AND 18" ON CENTER.
WD02.01 WOOD SUBSILL

VERIFY EXISTING CONSTRUCTION

REVIEW ALL EXISTING CONSTRUCTION FOR OPENING SIZE & ENSURE STABILITY OF EXISTING MATERIALS. CONFIRM THAT THE PROPOSED DETAILS WILL COMPLY W/ EXISTING FLASHING TO PROVIDE EFFECTIVE WATER MANAGED SYSTEM.

REV.	DATE	REV.	DATE
1	2-14-19	1	2-28-19
2		2	
3		3	
4		4	
5		5	



ARCHITECTURAL SUPPORT SERVICES

DEPARTMENT

Window and Door Installation Solutions

Pella Corporation

REV.	DATE	REV.	DATE
1	2-14-19	1	2-28-19
2		2	
3		3	
4		4	
5		5	

INSTALLATION SHOP DRAWING FOR

MARLBOROUGH APARTMENTS BUILDING RENOVATIONS

LOCATION: 1031 MARLBOROUGH ST., DETROIT, MI

ARCHITECT: EDWARDS GROUP INTERNATIONAL INC.

ORIGINAL: 2-7-19

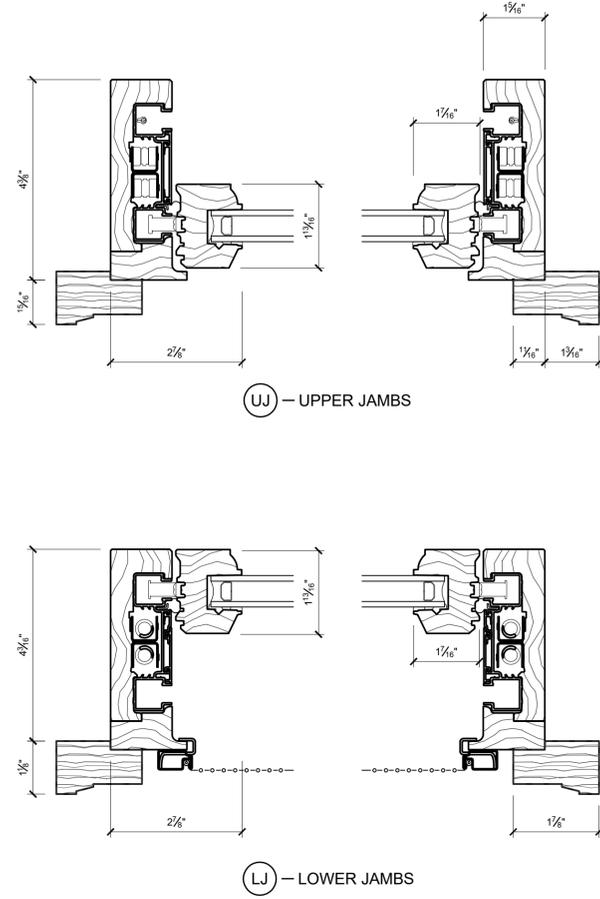
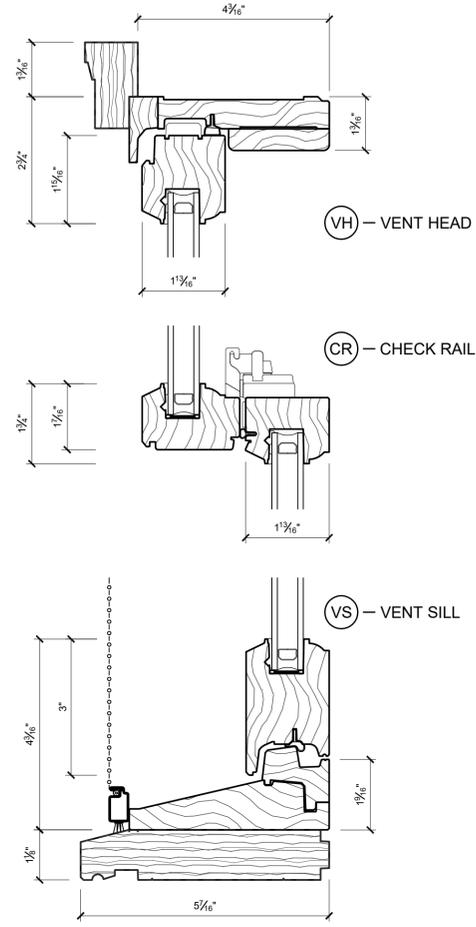
DRAWN BY: NRK

CHECKED BY: GG

Project No.: 206374.17

SHEET: 07 OF 10

DOUBLE HUNG

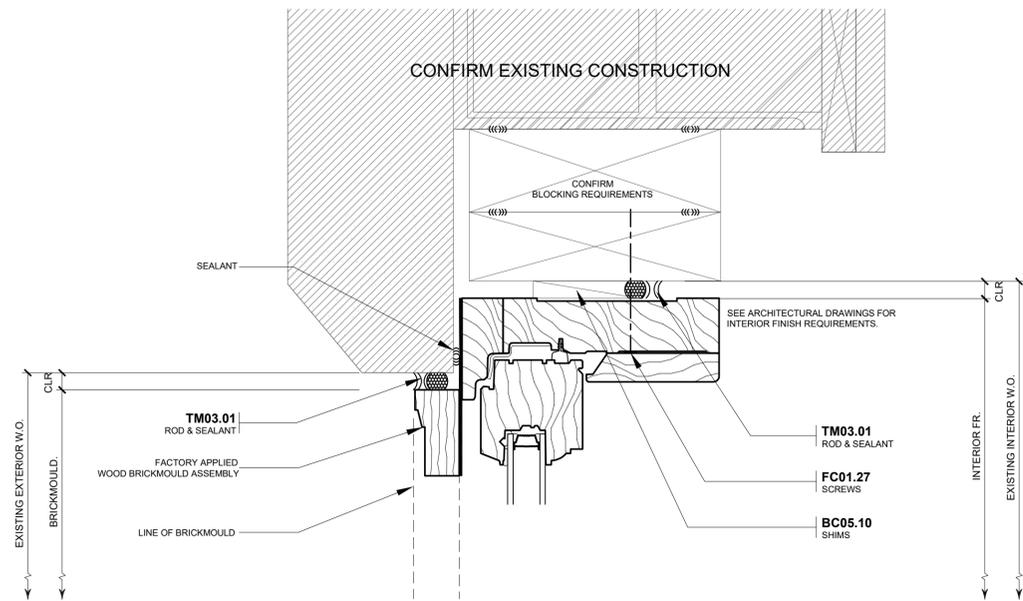


INSTALLATION SHOP DRAWING FOR
MARLBOROUGH APARTMENTS BUILDING RENOVATIONS
 LOCATION: 1031 MARLBOROUGH ST., DETROIT, MI
 ARCHITECT: EDWARDS GROUP INTERNATIONAL INC.

REV.	DATE	REV.	DATE
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2	2-28-19	2	
3		3	
4		4	
5		5	

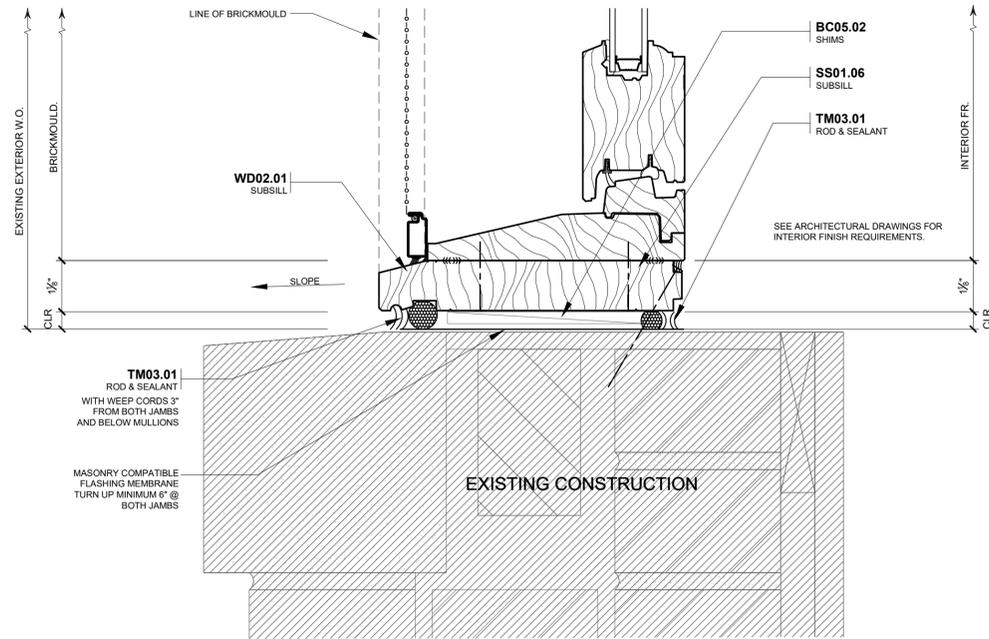
ORIGINAL: 2-7-19
 DRAWN BY: NRK
 CHECKED BY: GG
 Project No.:
206374.17
 SHEET:
08 OF **10**

ARCHITECTURAL SUPPORT SERVICES
 DEPARTMENT
Pella
 Pella Corporation
 Window and Door Installation Solutions
 Pella, Iowa
 11/18/13



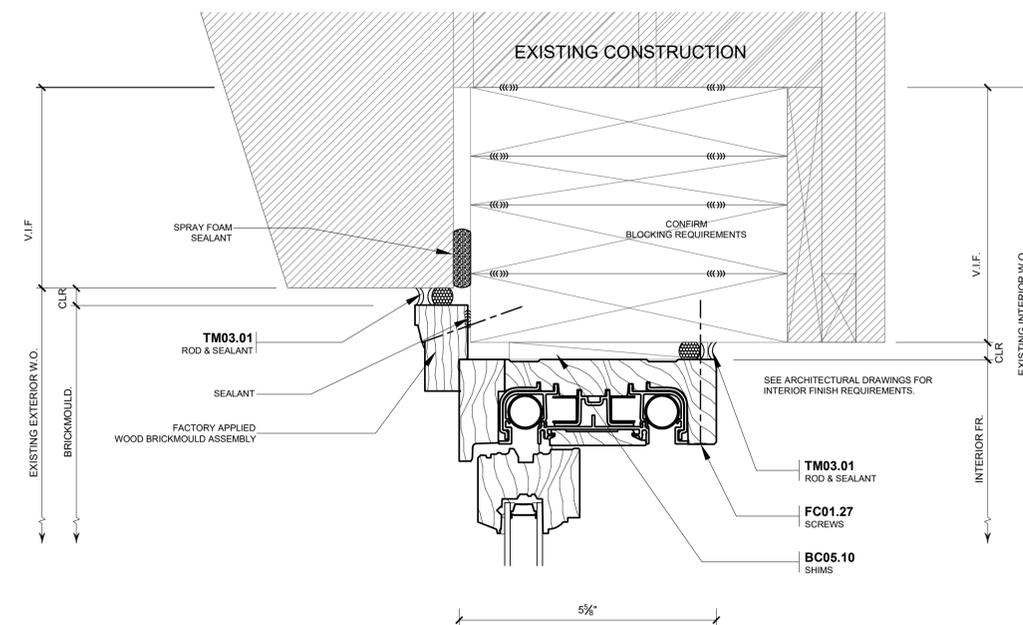
4 HEAD - SQUARE BACK

REF. ARCH. DWG.: 3/EC-2



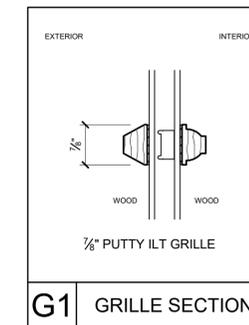
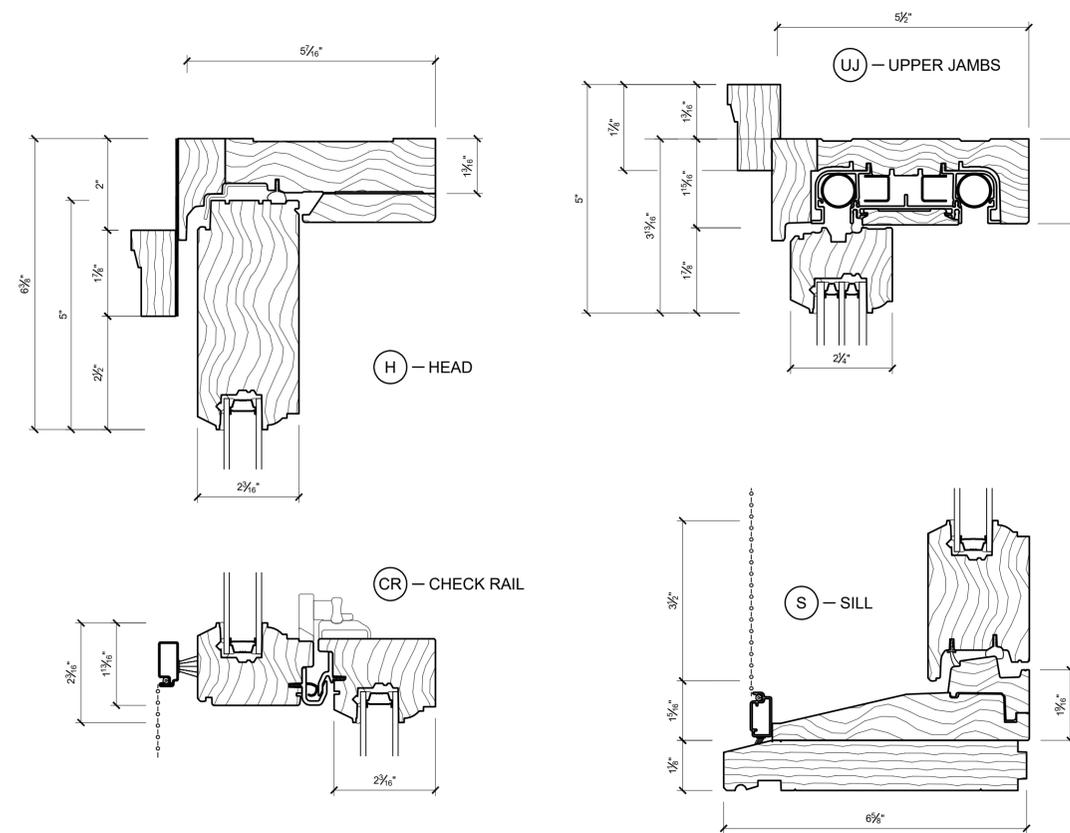
6 SILL - SQUARE BACK

REF. ARCH. DWG.: 5/EC-2



5 JAMB - SQUARE BACK

REF. ARCH. DWG.: 1/EC-2, 2/EC-2 (SIM)



DETAIL KEYNOTES

BC : BUILDING COMPONENTS (BY OTHERS)

BC05.02 LEVEL OPENING SILL PRIOR TO UNIT INSTALLATION. PROVIDE IMPERVIOUS SHIMS 1/2" FROM EACH OPENING JAMB AND AT WINDOW MULLION AS REQUIRED. FOR VINYL WINDOWS, ADD SHIMS SO MAXIMUM SPACING IS 18"

FC : FASTENING COMPONENTS

FC01.27 PRE-DRILL PILOT HOLES AND ANCHOR UNIT TO OPENING WITH #8 x 3 1/8" FINISH HEAD WOOD SCREWS SPACED WITHIN 6" OF OUTSIDE EDGE AND 16" ON CENTER MAXIMUM. CAUTION: SHIM AT ANCHORAGE LOCATIONS. DO NOT BOW WINDOW FRAME.

SS : SUBSILL / SILL PANS

SS01.06 ANCHOR UNIT THRU SUBSILL TO OPENING WITHIN 6" OF ENDS AND 16" ON CENTER (MAXIMUM).

TM : THERMAL AND MOISTURE PROTECTION

TM03.01 WATER RESISTANT BACKER ROD AND SEALANT.

WD : WOOD WINDOW ACCESSORIES

WD02.01 WOOD SUBSILL.

VERIFY EXISTING CONSTRUCTION

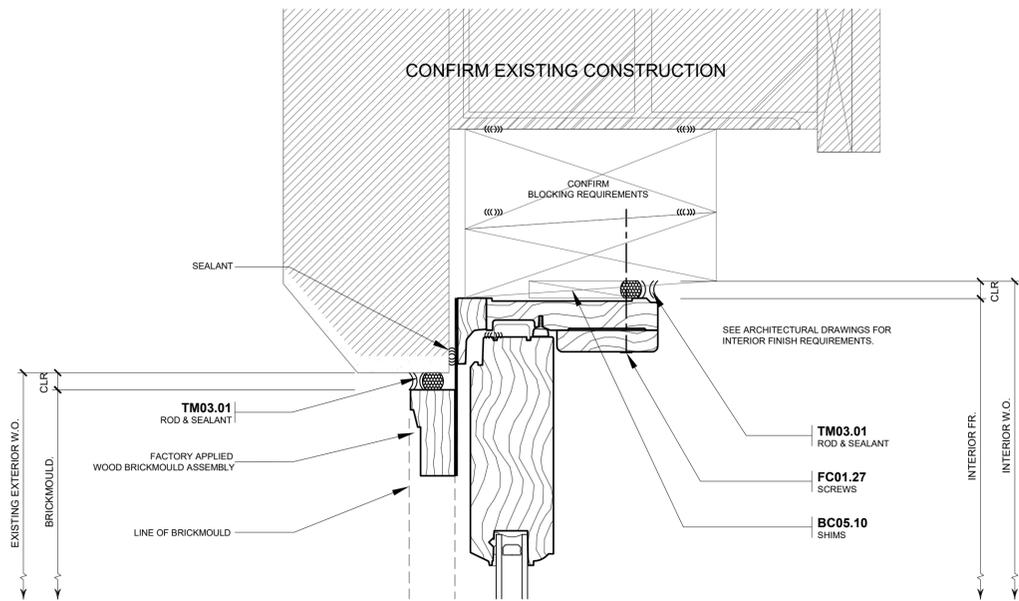
REVIEW ALL EXISTING CONSTRUCTION FOR OPENING SIZE & ENSURE STABILITY OF EXISTING MATERIALS. CONFIRM THAT THE PROPOSED DETAILS WILL COMPLY W/ EXISTING FLASHING TO PROVIDE EFFECTIVE WATER MANAGED SYSTEM.

ARCHITECTURAL SUPPORT SERVICES
 D E P A R T M E N T
 Window and Door Installation Solutions
 Pella Corporation
 Pella, Iowa

REV.	DATE	BY	CHKD.
1	2-14-19		
2	2-28-19		
3			
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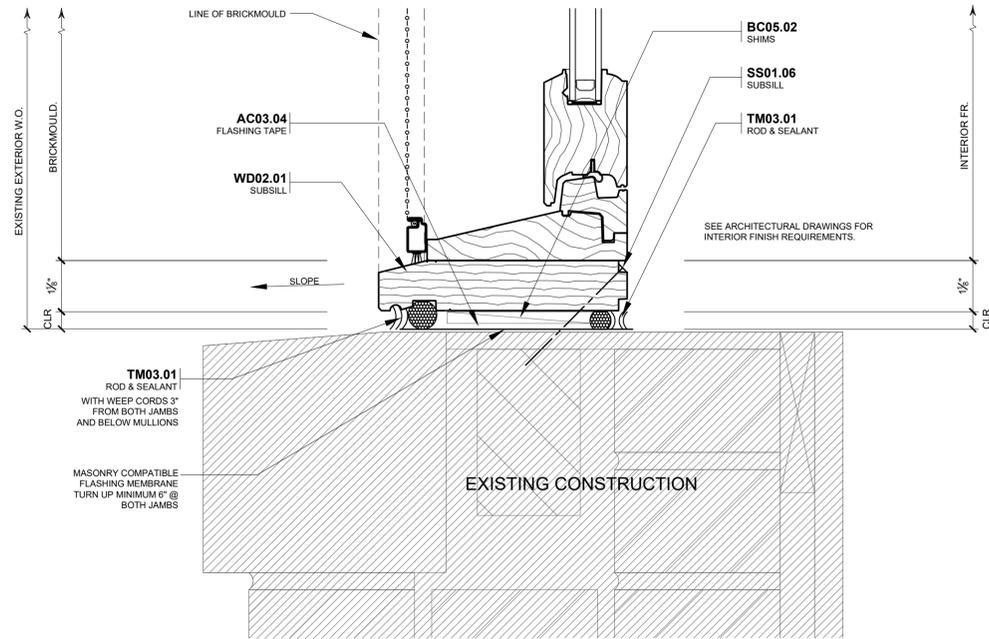
INSTALLATION SHOP DRAWING FOR
MARLBOROUGH APARTMENTS BUILDING RENOVATIONS
 LOCATION: 1031 MARLBOROUGH ST., DETROIT, MI
 ARCHITECT: EDWARDS GROUP INTERNATIONAL INC.

ORIGINAL: 2-7-19
 DRAWN BY: NRK
 CHECKED BY: GG
 Project No.: 206374.17
 SHEET: 09 OF 10



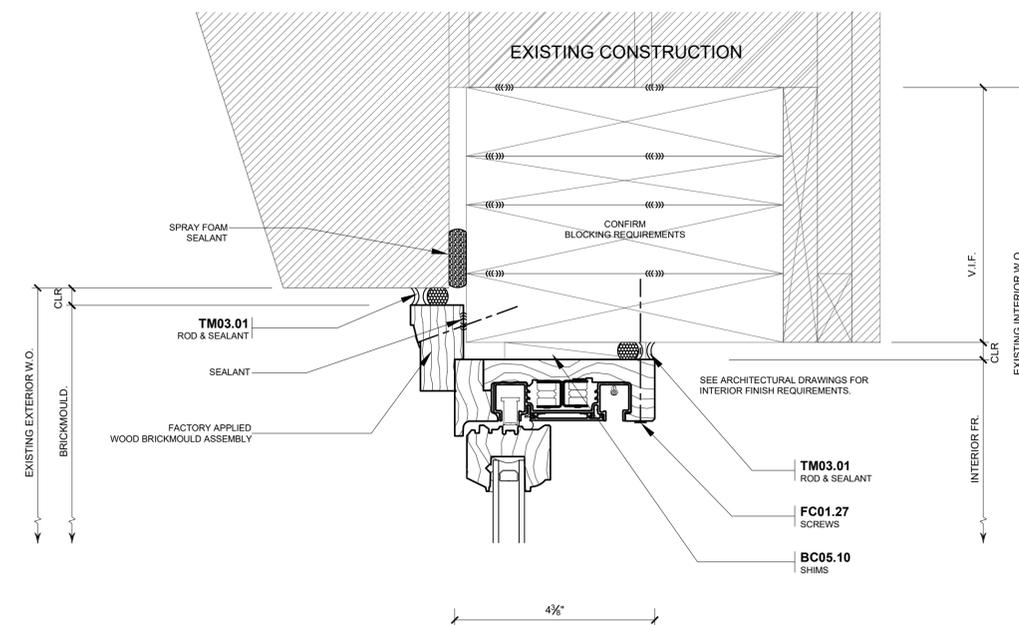
7 HEAD - SQUARE BACK

REF. ARCH. DWG.: 3/EC-2



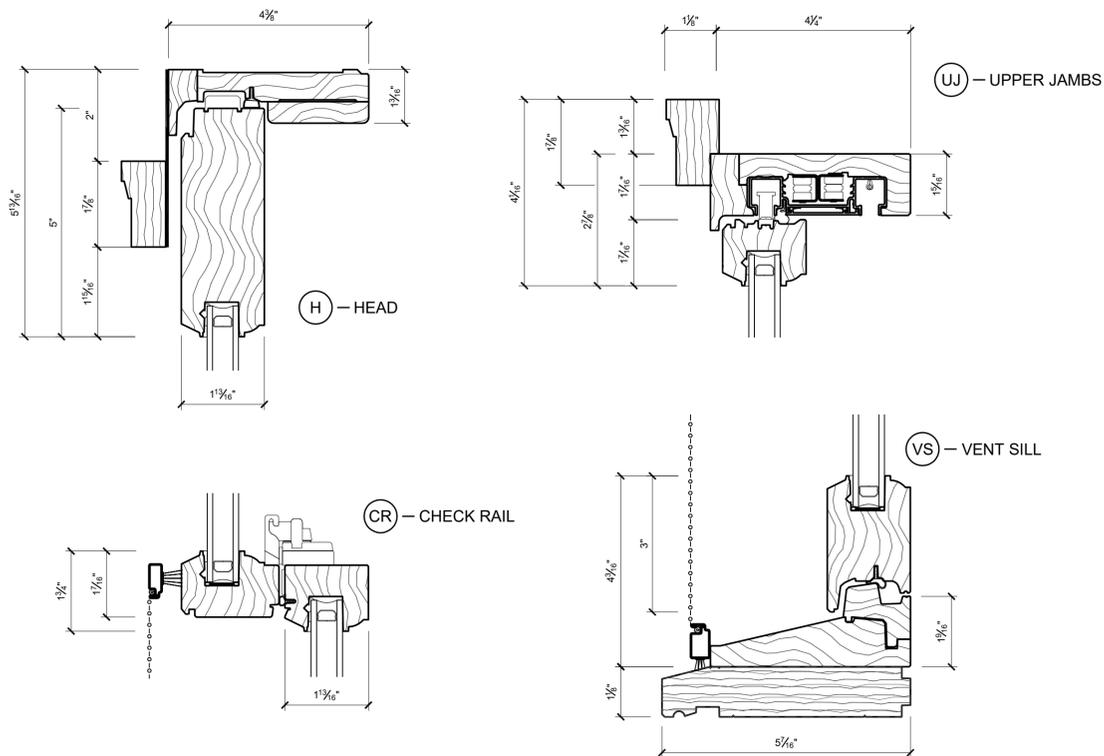
9 SILL - SQUARE BACK

REF. ARCH. DWG.: 5/EC-2



8 JAMB - SQUARE BACK

REF. ARCH. DWG.: 1/EC-2, 2/EC-2 (SIM)



DETAIL KEYNOTES

AC : ATTACHMENT COMPONENTS

AC03.04 PELLA SMARTFLASH FOIL BACKED, BUTYL WINDOW AND DOOR FLASHING TAPE (OR EQUAL) APPLY OVER ROUGH OPENING SILL EXTENDING 6\"/>

BC : BUILDING COMPONENTS (BY OTHERS)

BC05.02 LEVEL OPENING SILL PRIOR TO UNIT INSTALLATION. PROVIDE IMPERVIOUS SHIMS 1/2\"/>

FC : FASTENING COMPONENTS

FC01.27 PRE-DRILL PILOT HOLES AND ANCHOR UNIT TO OPENING WITH #8 x 3 1/8\"/>

SS : SUBSILL / SILL PANS

SS01.06 ANCHOR UNIT THRU SUBSILL TO OPENING WITHIN 6\"/>

TM : THERMAL AND MOISTURE PROTECTION

TM03.01 WATER RESISTANT BACKER ROD AND SEALANT.

WD : WOOD WINDOW ACCESSORIES

WD02.01 WOOD SUBSILL.

VERIFY EXISTING CONSTRUCTION

REVIEW ALL EXISTING CONSTRUCTION FOR OPENING SIZE & ENSURE STABILITY OF EXISTING MATERIALS. CONFIRM THAT THE PROPOSED DETAILS WILL COMPLY W/ EXISTING FLASHING TO PROVIDE EFFECTIVE WATER MANAGED SYSTEM.

ARCHITECTURAL SUPPORT SERVICES
 DEPARTMENT
 Pella Corporation
 Window and Door Intelligence Solutions
 Pella, Iowa

REV.	DATE	BY	CHKD	APP'D
1	2-14-19			
2	2-28-19			
3				
4				
5				

INSTALLATION SHOP DRAWING FOR
MARLBOROUGH APARTMENTS BUILDING RENOVATIONS
 LOCATION: 1031 MARLBOROUGH ST., DETROIT, MI
 ARCHITECT: EDWARDS GROUP INTERNATIONAL INC.

ORIGINAL: 2-7-19
 DRAWN BY: NRK
 CHECKED BY: GG
 Project No.:
206374.17
 SHEET:
10 OF 10

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

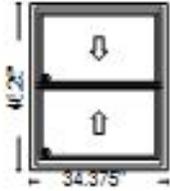
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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20 U S BR1-C

Special Architect, Traditional, Double Hung, 34.375 X 46.25Qty

2

PK #
2066

Viewed From Exterior

1: Traditional, 34.37546.25 Double Hung, Equal**Frame Size:** 34 3/8 X 46 1/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 162".**Rough Opening:** 35 - 1/8" X 48 - 1/8"

Customer Notes: MO = 37.5 X 49.5, EACH

TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

*** Please note due to design change your half screen has been pulled off. Please order out of unit under the Non-Reserve Arch Series Tree in the Feb 2011- Feb 2017 vintage to ensure a correct fit. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 & 7/14/20 - revised size & changed sash profile to putty glaze - - revised to primed wood jambliner - - REMOVED OBSCURE GLASS, but keep Cardinal Low E 272 / clear glass - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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25 T S Bth1-C



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 24.25 X 46.125**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 46 1/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 141".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48"

Customer Notes: MO = 27.5 X 49

OBSCURE TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

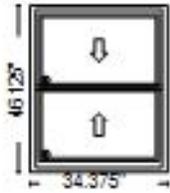
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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30 S S BR2-C

Special Architect, Traditional, Double Hung, 34.375 X 46.125**Qty**

1

PK #
2066

Viewed From Exterior

1: Traditional, 34.375x46.125 Double Hung, Equal**Frame Size:** 34 3/8 X 46 1/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 161".**Rough Opening:** 35 - 1/8" X 48"

Customer Notes: MO = 37.5 X 49

TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

*** Please note due to design change your half screen has been pulled off. Please order out of unit under the Non-Reserve Arch Series Tree in the Feb 2011- Feb 2017 vintage to ensure a correct fit. ***
Revised Mull. Please adjust drawings to account for change.

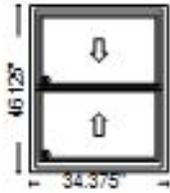
7/10/20 - revised size & changed sash profile to putty glaze - - revised to primed wood jambliner - NZ 7/16/20 - added Poplar White screen - NZ

Line #	Location:	Attributes
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35 P S Bth2-C

Special Architect, Traditional, Double Hung, 34.375 X 46.125**Qty**

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 34 3/8 X 46 1/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 161".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 35 - 1/8" X 48"

Customer Notes: MO = 37.5 X 49

OBSCURE TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

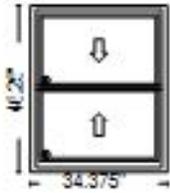
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White- NZ

Line #	Location:	Attributes
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40 P S Ktch-C

Special Architect, Traditional, Double Hung, 34.375 X 46.25**Qty**

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 34 3/8 X 46 1/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 162".**Rough Opening:** 35 - 1/8" X 48 - 1/8"

Customer Notes: MO = 37.5 X 49

TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

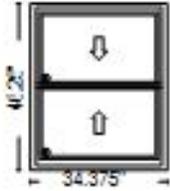
7/10/20 - revised size only - NZ 7/16/20 - revised Poplar Whiteto Poplar White - NZ

Line #	Location:	Attributes
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50 E2 W Din-C

Special Architect, Traditional, Double Hung, 34.375 X 46.25Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 34 3/8 X 46 1/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 162".**Rough Opening:** 35 - 1/8" X 48 - 1/8"

Customer Notes: MO = 37.5 X 49.5

TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

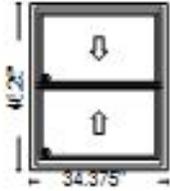
7/10/20 & 7/14/20 - revised size and removed LOH - NZ 7/16/20 - revised screen to Poplar White- NZ

Line #	Location:	Attributes
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55 E2 W Liv-C

Special Architect, Traditional, Double Hung, 34.375 X 46.25**Qty**

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 34 3/8 X 46 1/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 162".**Rough Opening:** 35 - 1/8" X 48 - 1/8"

Customer Notes: MO = 37.5 X 49.5

TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

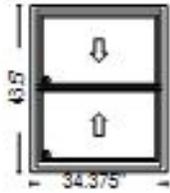
7/10/20 & 7/14/20- revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White- NZ

Line #	Location:	Attributes
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91 J N BR1-A

Special Architect, Traditional, Double Hung, 34.375 X 46.5**Qty**

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 34 3/8 X 46 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 162".**Rough Opening:** 35 - 1/8" X 48 - 3/8"

Customer Notes: MO = 37.5 X 50

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size and removed WOCD hdw - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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92 T W Bth1-A

Special Architect, Traditional, Double Hung, 24.5 X 46.5Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/2 X 46 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 142".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25 - 1/4" X 48 - 3/8"

Customer Notes: MO = 27.625 X 49.5

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

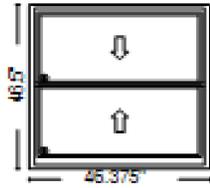
7/10/20 & 7/14/20 - revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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93 V W BR2-A

Special Architect, Traditional, Double Hung, 46.375 X 46.5**Qty**

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 46 3/8 X 46 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 186".**Rough Opening:** 47 - 1/8" X 48 - 3/8"

Customer Notes: MO = 49.5 X 49.5 (width revised on 7/17/20 after field check/client agreed via email)

TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

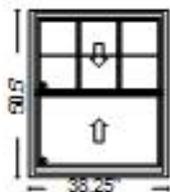
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

7/23/20 - revised width only - NZ

Line #	Location:	Attributes
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94 E E Din-A

PK #
2066

Viewed From Exterior

Special Pella® Reserve, Traditional, Double Hung, 38.25 X 50.5Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/4 X 50 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00259-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 178".**Rough Opening:** 39" X 52.375"

Customer Notes: MO = 41.25 X 53.625

TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

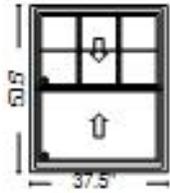
3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE glass - - price with Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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95 F E Liv-A



Viewed From Exterior

PK #
2066**Special Pella® Reserve, Traditional, Double Hung, 37.5 X 50.5**Qty

2

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 37 1/2 X 50 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00259-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 176".**Rough Opening:** 38 - 1/4" X 52 - 3/8"

Customer Notes: MO = 40.875 X 53.75 & 40.5 x 53.75

TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

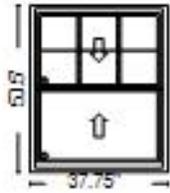
3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE glass - - price with Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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97 F E Liv-B

PK #
2066

Viewed From Exterior

Special Pella® Reserve, Traditional, Double Hung, 37.75 X 50.5Qty

2

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 37 3/4 X 50 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00259-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 177".**Rough Opening:** 38 - 1/2" X 52 - 3/8"

Customer Notes: MO = 41.125 X 53.375 & 41.125 x 53.625

TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

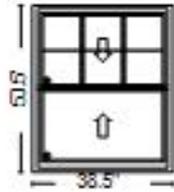
3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE glass - - price with Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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98 E E Din-B

PK #
2066

Viewed From Exterior

Special Pella® Reserve, Traditional, Double Hung, 38.5 X 50.5Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/2 X 50 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00259-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 178".**Rough Opening:** 39 - 1/4" X 52 - 3/8"

Customer Notes: MO = 41..5 x 53.5

TEMPERED, AT GRADE LEVEL

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

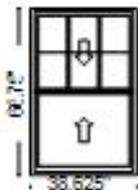
3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE glass - - price with Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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100 A3 S Din-B



Viewed From Exterior

PK #
2066**Special Pella® Reserve, Traditional, Double Hung, 38.625 X 66.75**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 5/8 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 211".**Rough Opening:** 39 - 3/8" X 68 - 5/8"

Customer Notes: MO = 41.625 X 69.75

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

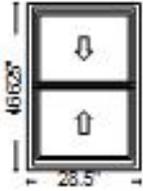
3/9/20: reprice w/ Std Ext Half Screen and Top Sash ILT - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & deleted screen - NZ

Line #	Location:	Attributes
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105 T S Ktch-B



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 28.5 X 46.625**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/2 X 46 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 151".**Rough Opening:** 29 - 1/4" X 48 - 1/2"

Customer Notes: MO = 31.75 X 49.5

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH- 1/15/20

3/9/20: reprice w/ Std Ext Half Screen & NO LOH - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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110 P S Bath-B



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 24.25 X 46.625**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 46 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 142".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48.5"

Customer Notes: MO = 27.375 X 49.625

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

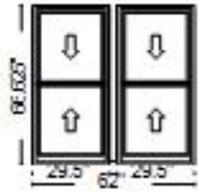
3/9/20: reprice w/ Std Ext Half Screen & NO LOH - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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115 L S BR-B



PK #

2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 62 X 66.625Qty

1

1: Traditional, 29,566.625 Double Hung, Equal**Frame Size:** 29 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 29,566.625 Double Hung, Equal****Frame Size:** 29 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 258".**Rough Opening:** 62 - 3/4" X 68 - 1/2"

Customer Notes: MO = 65.125 X 69.5

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

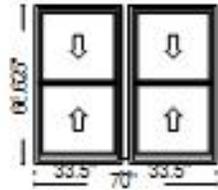
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White 7 changed to LOH - NZ

Line #	Location:	Attributes
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120 L S BR1-C

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 70 X 66.625Qty

1

1: Traditional, 33,566.625 Double Hung, Equal**Frame Size:** 33 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33,566.625 Double Hung, Equal****Frame Size:** 33 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 274".**Rough Opening:** 70 - 3/4" X 68 - 1/2"

Customer Notes: MO = 73 X 69.5

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

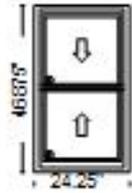
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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125 R S Bth1-C



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 24.25 X 46.875**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 46 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 143".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48.75"

Customer Notes: MO = 27.25 X 50

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED- 1/15/20

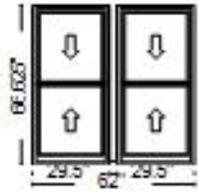
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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130 Q S BR2-C

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 62 X 66.625Qty

1

1: Traditional, 29,566.625 Double Hung, Equal**Frame Size:** 29 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 29,566.625 Double Hung, Equal****Frame Size:** 29 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 258".**Rough Opening:** 62 - 3/4" X 68 - 1/2"

Customer Notes: MO = 65 X 69.625

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOOD
- 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

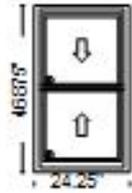
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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135 P S Bth2-C



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 24.25 X 46.875**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 46 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 143".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48.75"

Customer Notes: MO = 27.375 X 50.125

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED- 1/15/20

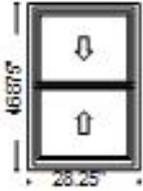
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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140 P S Ktch-C



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 28.25 X 46.875**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/4 X 46 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 151".**Rough Opening:** 29" X 48.75"

Customer Notes: MO = 31.25 X 49.75

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

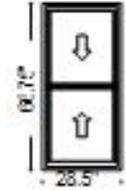
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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145 O S Din-C



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 28.5 X 66.75**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 191".**Rough Opening:** 29 - 1/4" X 68 - 5/8"

Customer Notes: MO = 31.5 X 69.75

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE. LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

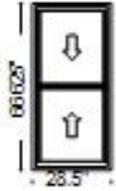
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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150 A2 W Din-C

Special Architect, Traditional, Double Hung, 28.5 X 66.625Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 191".**Rough Opening:** 29 - 1/4" X 68 - 1/2"

Customer Notes: MO = 31.5 X 69.75

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

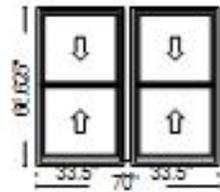
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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155 L W Liv-C

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 70 X 66.625Qty

1

1: Traditional, 33,566.625 Double Hung, Equal**Frame Size:** 33 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33,566.625 Double Hung, Equal****Frame Size:** 33 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 274".**Rough Opening:** 70 - 3/4" X 68 - 1/2"

Customer Notes: MO = 72.875 X 69.75

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

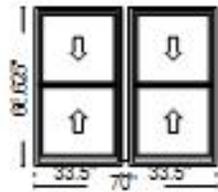
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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165 L W Liv-D

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 70 X 66.625Qty

1

1: Traditional, 33,566.625 Double Hung, Equal**Frame Size:** 33 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33,566.625 Double Hung, Equal****Frame Size:** 33 1/2 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 274".**Rough Opening:** 70 - 3/4" X 68 - 1/2"

Customer Notes: MO = 73.25 X 69.5

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

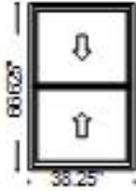
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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170 A2 W Din-D



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 38.25 X 66.625**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/4 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 39" X 68.5"

Customer Notes: MO = 41.5 X 69.5

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

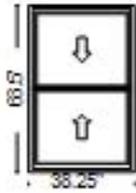
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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175 G E BR2-D

Special Architect, Traditional, Double Hung, 38.25 X 66.5Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/4 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 39" X 68.375"

Customer Notes: MO = 41.375 X 69.625

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

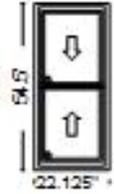
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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180 T E Bth2-D

Special Architect, Traditional, Double Hung, 22.125 X 54.5Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 22 1/8 X 54 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 154".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 22 - 7/8" X 56 - 3/8"

Customer Notes: MO = 25.125 X 57.5

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

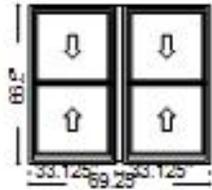
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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185 IN BR1-D

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 69.25 X 66.5Qty

1

1: Traditional, 33.12566.5 Double Hung, Equal**Frame Size:** 33 1/8 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33.12566.5 Double Hung, Equal****Frame Size:** 33 1/8 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 272".**Rough Opening:** 70" X 68.375"

Customer Notes: MO = 72.375 X 69.5

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

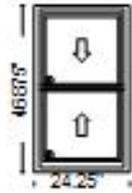
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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190 H N Bth1-D



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 24.25 X 46.875**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 46 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 143".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48.75"

Customer Notes: MO = 27.375 X 49.875

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

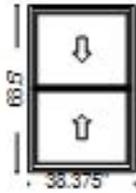
7/10/20 - revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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191 G N BR1-A

Special Architect, Traditional, Double Hung, 38.375 X 66.5**Qty**

1

PK #
2066

Viewed From Exterior

1: Traditional, 38,37566,5 Double Hung, Equal**Frame Size:** 38 3/8 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 39 - 1/8" X 68 - 3/8"

Customer Notes: MO = 41.5 X 69.5

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

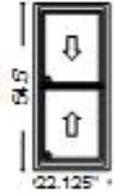
7/10/20 & 7/14/20 - revised size and changed to annealed Cardinal Low E 272 / clear glass - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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192 T W Bth1-A

Special Architect, Traditional, Double Hung, 22.125 X 54.5**Qty**

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 22 1/8 X 54 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 154".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 22 - 7/8" X 56 - 3/8"

Customer Notes: MO = 25.125 X 57.625

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED - 1/15/20

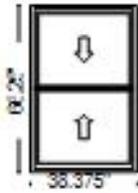
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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193 G W BR2-A



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 38.375 X 66.25**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 3/8 X 66 1/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 39 - 1/8" X 68 - 1/8"

Customer Notes: MO = 41.5 X 69

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYL, WOCDE - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

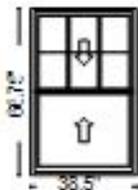
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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194 A3 E Din-A

Special Pella® Reserve, Traditional, Double Hung, 38.5 X 66.75Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 211".**Rough Opening:** 39 - 1/4" X 68 - 5/8"

Customer Notes: MO = 41.625 X 69.75

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

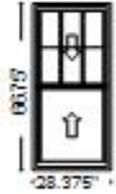
7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE TEMP glass - - price with Annealed Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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195 B2 E Liv1-A

Special Pella® Reserve, Traditional, Double Hung, 28.375 X 66.75Qty

3



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 3/8 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 191".**Rough Opening:** 29 - 1/8" X 68 - 5/8"

Customer Notes: MO = 31.625 / 31.5 / 31.625 X 69.875 / 70 / 70

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE TEMP glass - - price with Annealed Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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197 B2 E Liv1-B

Special Pella® Reserve, Traditional, Double Hung, 28.375 X 66.75Qty

3

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 3/8 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 191".**Rough Opening:** 29 - 1/8" X 68 - 5/8"

Customer Notes: MO = 31.625 X 69.75 / 69.875 / 69.875

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

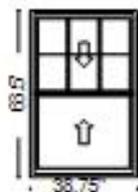
3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE TEMP glass - - price with Annealed Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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198 A3 E Din-B



Viewed From Exterior

PK #
2066**Special Pella® Reserve, Traditional, Double Hung, 38.75 X 66.5**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 3/4 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 211".**Rough Opening:** 39 - 1/2" X 68 - 3/8"

Customer Notes: MO = 41.875 X 69.875

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

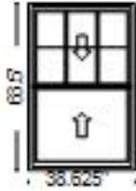
3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE glass - - price with Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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200 A3 S Din-B



Viewed From Exterior

PK #
2066**Special Pella® Reserve, Traditional, Double Hung, 38.625 X 66.5**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 5/8 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 211".**Rough Opening:** 39 - 3/8" X 68 - 3/8"

Customer Notes: MO = 42 X 69.375

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

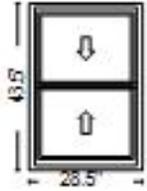
3/9/20: reprice w/ Std Ext Half Screen and Top Sash ILT - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & deleted screen - NZ

Line #	Location:	Attributes
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205 T S Ktch-B



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 28.5 X 46.5**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/2 X 46 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 150".**Rough Opening:** 29 - 1/4" X 48 - 3/8"

Customer Notes: MO = 31,875 X 49,375

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH- 1/15/20

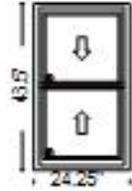
3/9/20: reprice w/ Std Ext Half Screen & NO LOH - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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210 P S Bath-B

PK #
2066

Viewed From Exterior

Special Architect, Traditional, Double Hung, 24.25 X 46.5Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 46 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 142".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48.375"

Customer Notes: MO = 27.375 X 49.5

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

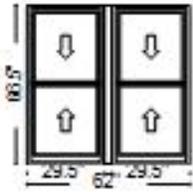
3/9/20: reprice w/ Std Ext Half Screen & NO LOH - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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215 L S BR-B

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 62 X 66.5Qty

1

1: Traditional, 29,566.5 Double Hung, Equal**Frame Size:** 29 1/2 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 29,566.5 Double Hung, Equal****Frame Size:** 29 1/2 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 257".**Rough Opening:** 62 - 3/4" X 68 - 3/8"

Customer Notes: MO = 65.125 X 69.5

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

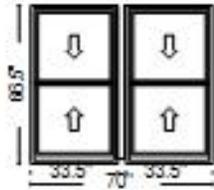
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH- NZ

Line #	Location:	Attributes
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220 L S BR1-C

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 70 X 66.5Qty

1

1: Traditional, 33,566.5 Double Hung, Equal**Frame Size:** 33 1/2 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33,566.5 Double Hung, Equal****Frame Size:** 33 1/2 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 273".**Rough Opening:** 70 - 3/4" X 68 - 3/8"

Customer Notes: MO = 73.25 X 69.625

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

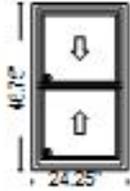
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH- NZ

Line #	Location:	Attributes
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225 R S Bth1-C

Special Architect, Traditional, Double Hung, 24.25 X 46.75Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 46 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 142".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48.625"

Customer Notes: MO = 27.5 X 50

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED- 1/15/20

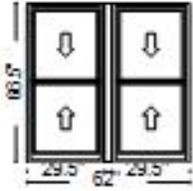
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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230 Q S BR2-C

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 62 X 66.5Qty

1

1: Traditional, 29,566.5 Double Hung, Equal**Frame Size:** 29 1/2 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 29,566.5 Double Hung, Equal****Frame Size:** 29 1/2 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 257".**Rough Opening:** 62 - 3/4" X 68 - 3/8"

Customer Notes: MO = 65.125 X 69.5

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOOD
- 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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235 P S Bth2-C

Special Architect, Traditional, Double Hung, 24.25 X 46.75Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 46 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 142".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48.625"

Customer Notes: MO = 27.375 X 49.75

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED- 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

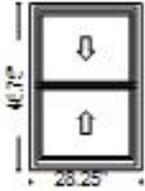
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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240 P S Ktch-C

Special Architect, Traditional, Double Hung, 28.25 X 46.75Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/4 X 46 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 150".**Rough Opening:** 29" X 48.625"

Customer Notes: MO = 31.625 X 49.75

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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245 O S Din-C

Special Architect, Traditional, Double Hung, 28.5 X 66.75Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 191".**Rough Opening:** 29 - 1/4" X 68 - 5/8"

Customer Notes: MO = 31.5 X 70.125

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE. LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

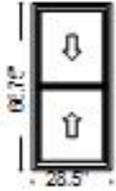
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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250 A2 W Din-C

Special Architect, Traditional, Double Hung, 28.5 X 66.75Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 191".**Rough Opening:** 29 - 1/4" X 68 - 5/8"

Customer Notes: MO = 31.5 X 69.625

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

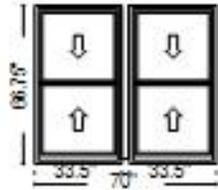
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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255 L W Liv-C



PK #

2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 70 X 66.75Qty

1

1: Traditional, 33,566.75 Double Hung, Equal**Frame Size:** 33 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33,566.75 Double Hung, Equal****Frame Size:** 33 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 274".**Rough Opening:** 70 - 3/4" X 68 - 5/8"

Customer Notes: MO = 73.125 X 69.625

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

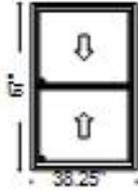
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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260 N W Stair

PK #
2066

Viewed From Exterior

Special Architect, Traditional, Double Hung, 38.25 X 67Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/4 X 67**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 211".**Rough Opening:** 39" X 68.875"

Customer Notes: MO = 41.375 X 70

TEMPERED, in stairwell

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE N+ TEMPERED, LOH - 1/15/20

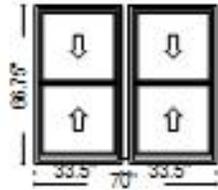
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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265 L W Liv-D



PK #

2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 70 X 66.75Qty

1

1: Traditional, 33,566.75 Double Hung, Equal**Frame Size:** 33 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33,566.75 Double Hung, Equal****Frame Size:** 33 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 274".**Rough Opening:** 70 - 3/4" X 68 - 5/8"

Customer Notes: MO = 73.125 X 69.75

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

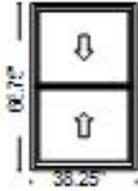
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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270 A2 W Din-D



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 38.25 X 66.75**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/4 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 39" X 68.625"

Customer Notes: MO = 41.5 X 69.875

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

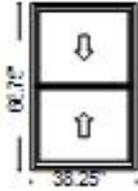
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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275 G E BR2-D

Special Architect, Traditional, Double Hung, 38.25 X 66.75Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/4 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 39" X 68.625"

Customer Notes: MO = 41.375 X 69.75

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

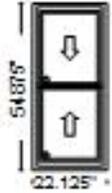
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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280 T E Bth2-D

Special Architect, Traditional, Double Hung, 22.125 X 54.875Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 22 1/8 X 54 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 154".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 22 - 7/8" X 56 - 3/4"

Customer Notes: MO = 25.125 X 58

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

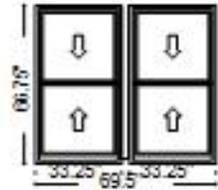
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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285 IN BR1-D

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 69.5 X 66.75Qty

1

1: Traditional, 33,256.75 Double Hung, Equal**Frame Size:** 33 1/4 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33,256.75 Double Hung, Equal****Frame Size:** 33 1/4 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 273".**Rough Opening:** 70 - 1/4" X 68 - 5/8"

Customer Notes: MO = 72.75 X 70

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

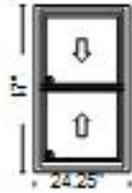
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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290 H N Bth1-D

PK #
2066

Viewed From Exterior

Special Architect, Traditional, Double Hung, 24.25 X 47Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 47**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 143".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48.875"

Customer Notes: MO = 27.5 X 50

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

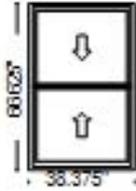
7/10/20 - revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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291 G N BR1-A

Special Architect, Traditional, Double Hung, 38.375 X 66.625**Qty**

1



PK #

2066

Viewed From Exterior

1: Traditional, 38.37566.625 Double Hung, Equal**Frame Size:** 38 3/8 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 39 - 1/8" X 68 - 1/2"

Customer Notes: MO = 41.5 X 69.5

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

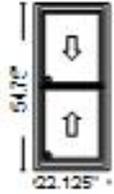
7/10/20 & 7/14/20 - revised size and change to annealed Cardinal Low E 272 / clear glass - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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292 T W Bth1-A

Special Architect, Traditional, Double Hung, 22.125 X 54.75Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 22 1/8 X 54 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 154".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 22 - 7/8" X 56 - 5/8"

Customer Notes: MO = 25.5 X 59.625

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

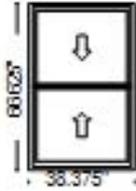
7/10/20 - revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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293 G W BR2-A

Special Architect, Traditional, Double Hung, 38.375 X 66.625Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 3/8 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 39 - 1/8" X 68 - 1/2"

Customer Notes: MO = 41.625 X 69.625

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYL, WOCDE - 1/15/20

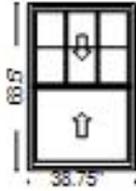
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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294 A3 E Din-A



Viewed From Exterior

PK #
2066**Special Pella® Reserve, Traditional, Double Hung, 38.75 X 66.5**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 3/4 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 211".**Rough Opening:** 39 - 1/2" X 68 - 3/8"

Customer Notes: MO = 42.25 X 69.625

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

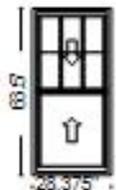
7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE TEMP glass - - price with Annealed Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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295 B2 E Liv1-A

Special Pella® Reserve, Traditional, Double Hung, 28.375 X 66.5Qty

3



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 3/8 X 66 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 190".**Rough Opening:** 29 - 1/8" X 68 - 3/8"

Customer Notes: MO = 31.5 / 31.75 / 31.75 X 70 / 69.625 / 69.625

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

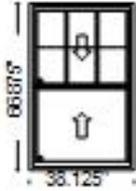
3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE TEMP glass - - price with Annealed Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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296 D E Stair



Viewed From Exterior

PK #
2066**Special Pella® Reserve, Traditional, Double Hung, 38.125 X 66.875**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/8 X 66 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00259-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 38 - 7/8" X 68 - 3/4"

Customer Notes: MO = 41.25 X 69.875

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

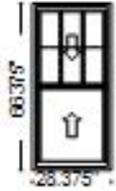
7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE glass -- price with Tempered Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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297 B2 E Liv1-B

Special Pella® Reserve, Traditional, Double Hung, 28.375 X 66.375Qty

3



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 3/8 X 66 3/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 190".**Rough Opening:** 29 - 1/8" X 68 - 1/4"

Customer Notes: MO = 31.375 X 69.75 / 69.25 / 69.25

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

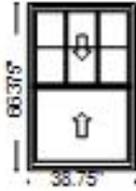
3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE TEMP glass - - price with Annealed Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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298 A3 E Din-B



Viewed From Exterior

PK #
2066**Special Pella® Reserve, Traditional, Double Hung, 38.75 X 66.375**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 3/4 X 66 3/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local requirements**Grille:** ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 211".**Rough Opening:** 39 - 1/2" X 68 - 1/4"

Customer Notes: MO = 42.125 X 69.375

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

3/9/20: new line/size - price w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

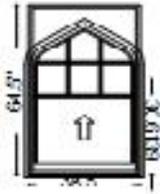
7/10/20 & 7/14/20 - revised size & REMOVED OBSCURE TEMP glass - - price with Annealed Cardinal Low E 272 / clear glass - NZ

Line #	Location:	Attributes
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300 A S Din-B

Special Pella® Reserve, Traditional, Single Hung, 38.5 X 64.5Qty

1



Viewed From Exterior

PK #
2066**1: Traditional, 38.564.5 Single Hung, Custom Split (30.6139)****Frame Size:** 38 1/2 X 64 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Custom, Arch Head Glass, 3.5, Custom Width, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, Yes (Arch Services drawing required), 7/8", Custom Process Grille, Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 206".**Rough Opening:** 39 - 1/4" X 66 - 3/8"

Customer Notes: TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: ***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***
 *** PASS Installation Details are recommended for proper unit sizing. ***

Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, SCREEN (none), LOCK STYLE, SASH LIFT, LOH, NO JE & JAMB INSERT
TYPE 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

4-29-2020

Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

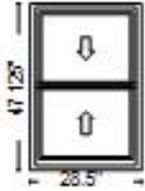
7/14/20 - deleted screen NZ

Line #	Location:	Attributes
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305 T S Ktch-B

Special Architect, Traditional, Double Hung, 28.5 X 47.125**Qty**

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/2 X 47 1/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 152".**Rough Opening:** 29 - 1/4" X 49"

Customer Notes: MO = 31.5 X 50.125

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH- 1/15/20

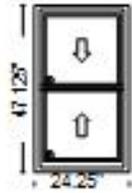
3/9/20: reprice w/ Std Ext Half Screen & NO LOH - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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310 P S Bath-B



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 24.25 X 47.125**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 47 1/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 143".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 49"

Customer Notes: MO = 27.5 X 50

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

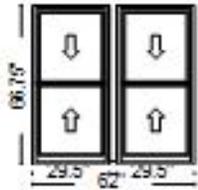
3/9/20: reprice w/ Std Ext Half Screen & NO LOH - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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315 L S BR-B

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 62 X 66.75Qty

1

1: Traditional, 29,566.75 Double Hung, Equal**Frame Size:** 29 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 29,566.75 Double Hung, Equal****Frame Size:** 29 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 258".**Rough Opening:** 62 - 3/4" X 68 - 5/8"

Customer Notes: MO = 65.125 X 69.625

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

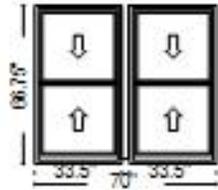
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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320 L S BR1-C

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 70 X 66.75Qty

1

1: Traditional, 33,566.75 Double Hung, Equal**Frame Size:** 33 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33,566.75 Double Hung, Equal****Frame Size:** 33 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 274".**Rough Opening:** 70 - 3/4" X 68 - 5/8"

Customer Notes: MO = 73.375 X 69.625

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

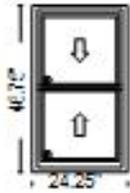
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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325 R S Bth1-C

Special Architect, Traditional, Double Hung, 24.25 X 46.75Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 46 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 142".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 48.625"

Customer Notes: MO = 27.375 X 49.75

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED- 1/15/20

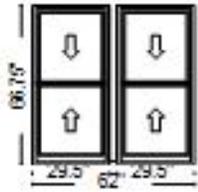
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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330 Q S BR2-C

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 62 X 66.75Qty

1

1: Traditional, 29,566.75 Double Hung, Equal**Frame Size:** 29 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 29,566.75 Double Hung, Equal****Frame Size:** 29 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 258".**Rough Opening:** 62 - 3/4" X 68 - 5/8"

Customer Notes: MO = 65.125 X 69.75

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOOD
- 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

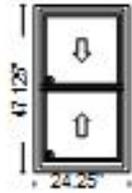
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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335 P S Bth2-C



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 24.25 X 47.125**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/4 X 47 1/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 143".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25" X 49"

Customer Notes: MO = 27.5 X 50.25

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED- 1/15/20

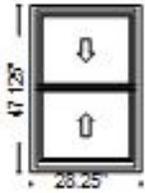
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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340 P S Ktch-C



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 28.25 X 47.125**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/4 X 47 1/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 151".**Rough Opening:** 29" X 49"

Customer Notes: MO = 31,375 X 50

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

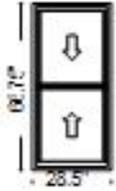
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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345 O S Din-C

Special Architect, Traditional, Double Hung, 28.5 X 66.75Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 191".**Rough Opening:** 29 - 1/4" X 68 - 5/8"

Customer Notes: MO = 31.875 X 69.875

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE. LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

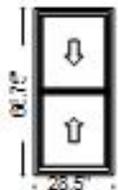
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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350 A2 W Din-C

Special Architect, Traditional, Double Hung, 28.5 X 66.75Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 28 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 191".**Rough Opening:** 29 - 1/4" X 68 - 5/8"

Customer Notes: MO = 31.875 X 70.125

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

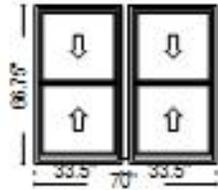
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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355 L W Liv-C

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 70 X 66.75Qty

1

1: Traditional, 33,566.75 Double Hung, Equal**Frame Size:** 33 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33,566.75 Double Hung, Equal****Frame Size:** 33 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 274".**Rough Opening:** 70 - 3/4" X 68 - 5/8"

Customer Notes: MO = 73.125 X 69.625

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

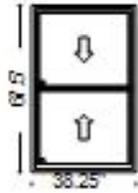
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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360 N W Stair



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 38.25 X 67.5**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/4 X 67 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Almond, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 212".**Rough Opening:** 39" X 69.375"

Customer Notes: MO = 41.375 X 70.5

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE N+ TEMPERED, LOH - 1/15/20

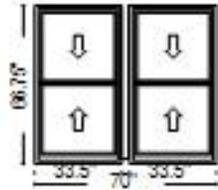
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Almond - NZ

Line #	Location:	Attributes
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365 L W Liv-D

PK #
2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 70 X 66.75Qty

1

1: Traditional, 33,566.75 Double Hung, Equal**Frame Size:** 33 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33,566.75 Double Hung, Equal****Frame Size:** 33 1/2 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 274".**Rough Opening:** 70 - 3/4" X 68 - 5/8"

Customer Notes: MO = 73.125 X 69.875

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

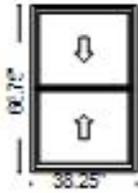
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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370 A2 W Din-D



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 38.25 X 66.75**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/4 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 39" X 68.625"

Customer Notes: MO = 41.375 X 69.75

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

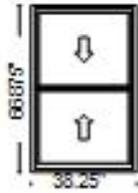
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Almond - NZ

Line #	Location:	Attributes
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375 G E BR2-D



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 38.25 X 66.875**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 1/4 X 66 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 211".**Rough Opening:** 39" X 68.75"

Customer Notes: MO = 41.5 X 69.875

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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380 T E Bth2-D

Special Architect, Traditional, Double Hung, 22.125 X 54.875Qty

1



PK #

2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 22 1/8 X 54 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 154".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 22 - 7/8" X 56 - 3/4"

Customer Notes: MO = 25.375 X 58

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH - 1/15/20

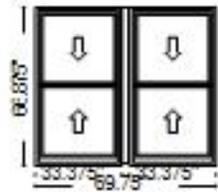
3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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385 I N BR1-D



PK #

2066

Viewed From Exterior

Special Architect, Traditional, 2-Wide Double Hung, 69.75 X 66.875Qty

1

1: Traditional, 33.37566.875 Double Hung, Equal**Frame Size:** 33 3/8 X 66 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Vertical Mull 1:** FactoryMull, 3" x 4 3/8" Wood, Mull Design Pressure- 20**2: Traditional, 33.37566.875 Double Hung, Equal****Frame Size:** 33 3/8 X 66 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 274".**Rough Opening:** 70 - 1/2" X 68 - 3/4"

Customer Notes: MO = 73.125 X 70.125

LOH

Custom Product Instructions:

Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

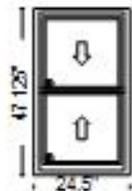
***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

Revised Mull. Please adjust drawings to account for change.

7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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390 H N Bth1-D



Viewed From Exterior

PK #
2066**Special Architect, Traditional, Double Hung, 24.5 X 47.125**Qty

1

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 24 1/2 X 47 1/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 144".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 25 - 1/4" X 49"

Customer Notes: MO = 27.5 X 50.125

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

7/10/20 - revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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391 G N BR1-A

Special Architect, Traditional, Double Hung, 38.375 X 66.75**Qty**

1



PK #

2066

Viewed From Exterior

1: Traditional, 38.37566.75 Double Hung, Equal**Frame Size:** 38 3/8 X 66 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 211".**Rough Opening:** 39 - 1/8" X 68 - 5/8"

Customer Notes: MO = 41.5 X 69.625

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, WOCD - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

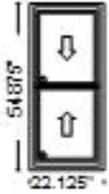
7/10/20 - revised size & change to Annealed Cardinal LowE 272/clear glass - NZ 7/16/20 - revised screen to Poplar White & chanded to LOH - NZ

Line #	Location:	Attributes
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392 T W Bth1-A

Special Architect, Traditional, Double Hung, 22.125 X 54.875Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 22 1/8 X 54 7/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, No Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00257-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 154".**Obscure Glass Style:** Pattern62(Standard)**Rough Opening:** 22 - 7/8" X 56 - 3/4"

Customer Notes: MO = 25.5 X 57.75

TEMPERED OBSCURED

Custom Product Instructions: Quote with Cardinal Low E 272 , OBSCURED & TEMPERED (PER CHANGE ON 4/6/20) - NANCY Z

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYLE, LOH + TEMPERED - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

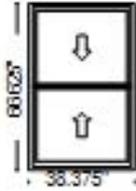
7/10/20 - revised size & removed LOH - NZ 7/16/20 - revised screen to Poplar White - NZ

Line #	Location:	Attributes
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393 G W BR2-A

Special Architect, Traditional, Double Hung, 38.375 X 66.625**Qty**

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Double Hung, Equal**Frame Size:** 38 3/8 X 66 5/8**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Standard, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** Half Screen, Standard EnduraClad, Poplar White, Standard, InView™**Performance Information:** U-Factor 0.28, SHGC 0.28, VLT 0.53, CPD PEL-N-234-00253-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** No Grille,**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 210".**Rough Opening:** 39 - 1/8" X 68 - 1/2"

Customer Notes: MO = 41.5 X 69.375

LOH

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass

REVISED SIZE, WALL DEPTH, JAMB INSERT, LOCK STYL, WOCDE - 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

***No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

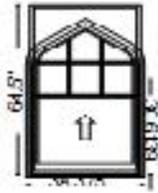
7/10/20 - revised size only - NZ 7/16/20 - revised screen to Poplar White & changed to LOH - NZ

Line #	Location:	Attributes
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394 A E Din-A

Special Pella® Reserve, Traditional, Single Hung, 38.375 X 64.5Qty

1

PK #
2066

Viewed From Exterior

1: Traditional, Non-Standard Size Non-Standard Size Single Hung, Custom Split (30.6139)**Frame Size:** 38 3/8 X 64 1/2**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Custom, Arch Head Glass, 3.5, Custom Width, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, Yes (Arch Services drawing required), 7/8", Custom Process Grille, Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 206".**Rough Opening:** 39 - 1/8" X 66 - 3/8"

Customer Notes: TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, SCREEN (none), LOCK STYLE, SASH LIFT, LOH, NO JE & JAMB INSERT
TYPE 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

*** No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

*** PASS Installation Details are recommended for proper unit sizing. ***

4-29-2020

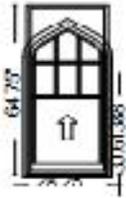
Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

Line #	Location:	Attributes
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395 B E Liv-A

Special Pella® Reserve, Traditional, Single Hung, 28.25 X 64.75Qty

3

PK #
2066

Viewed From Exterior

1: Traditional, 28.2564.75 Single Hung, Custom Split (30.6139)**Frame Size:** 28 1/4 X 64 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Custom, Arch Head Glass, 3.5, Custom Width, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, Yes (Arch Services drawing required), 7/8", Custom Process Grille, Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 186".**Rough Opening:** 29" X 66.625"

Customer Notes: TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, SCREEN (none), LOCK STYLE, SASH LIFT, LOH, NO JE & JAMB INSERT
TYPE 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

*** No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

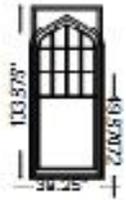
*** PASS Installation Details are recommended for proper unit sizing. ***

4-29-2020

Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

Line #	Location:	Attributes
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396 C E Stair



Viewed From Exterior

PK #
2066

Special Pella® Reserve, Traditional, Monumental Hung Simulated Hung, 38.25 X 103.875

Qty

1

1: Traditional, 38.25103.875 Simulated Hung, Custom Split (49.8707)

Frame Size: 38 1/4 X 103 7/8

General Information: Standard, Luxury, Wood, Pine, 5 5/8", 5 7/16"

Exterior Color / Finish: Primed

Interior Color / Finish: Prefinished White Paint Interior

Sash / Panel: Putty Glaze, Ogee, Custom, Arch Head Glass, 3.5, Custom Width, No Sash Lugs

Glass: Insulated Dual Tempered Low-E Advanced Low-E Insulating Glass Argon Non High Altitude

Hardware Options: Upgraded Balance, Cam-Action Lock, Champagne, No Sash Lift

Performance Information: U-Factor 0.29, SHGC 0.23, VLT 0.43, CPD PEL-N-236-00623-00001, Performance Class CW, PG 30, Calculated Positive DP Rating 30, Calculated Negative DP Rating 30, Year Rated 08|11

Grille: ILT, Yes (Arch Services drawing required), 7/8", Custom Process Grille, Putty Glaze, Ogee

Wrapping Information: Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 5 7/16", 5 5/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 285".

Rough Opening: 39" X 105.75"

Customer Notes: TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, JAMB INSERT TYPE & LOCK -- MAKE LOWER IG TEMPERED (upper tempered only if required - in stairwell) -- ELIMINATE Simulated Lock -- we are going with Spoon Style on all other units and don't want Cam-Action simulated here! - 1/15/20

*** No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

*** PASS Installation Details are recommended for proper unit sizing. ***

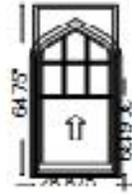
4-29-2020

Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

7/10/20 & 7/14/20 - revised to champagne hardware, only if simulated lock is required. Would prefer no simulated lock at all -- need this to have a primed wood jameliner if possible, NOT the primed aluminum one (not sure what is priced) - Tempered symbol is not showing on graphic; can it be added? - NZ

Line #	Location:	Attributes
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397 B E Liv1B



Viewed From Exterior

PK #
2066**Special Pella® Reserve, Traditional, Single Hung, 28.875 X 64.75**Qty

3

1: Traditional, 28.87564.75 Single Hung, Custom Split (30.6139)**Frame Size:** 28 7/8 X 64 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Custom, Arch Head Glass, 3.5, Custom Width, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, Yes (Arch Services drawing required), 7/8", Custom Process Grille, Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 188".**Rough Opening:** 29 - 5/8" X 66 - 5/8"

Customer Notes: TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, SCREEN (none), LOCK STYLE, SASH LIFT, LOH, NO JE & JAMB INSERT
TYPE 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

*** No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

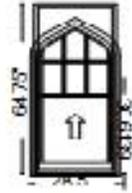
*** PASS Installation Details are recommended for proper unit sizing. ***

4-29-2020

Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

Line #	Location:	Attributes
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398 B E Liv2B



Viewed From Exterior

PK #
2066**Special Pella® Reserve, Traditional, Single Hung, 28.5 X 64.75**Qty

1

1: Traditional, 28.564.75 Single Hung, Custom Split (30.6139)**Frame Size:** 28 1/2 X 64 3/4**General Information:** Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed, Primed Wood**Interior Color / Finish:** Prefinished White Paint Interior**Sash / Panel:** Putty Glaze, Ogee, Custom, Arch Head Glass, 3.5, Custom Width, No Sash Lugs**Glass:** Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**Hardware Options:** Spoon-Style Lock, Champagne, No Window Opening Control Device, Limited Opening Hardware, Order Sash Lift, No Integrated Sensor**Screen:** No Screen**Performance Information:** U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08|11, Egress Does not meet typical United States egress, but may comply with local code requirements**Grille:** ILT, Yes (Arch Services drawing required), 7/8", Custom Process Grille, Putty Glaze, Ogee**Wrapping Information:** Wood Brickmould, 1 7/8", Factory Applied, 1 1/8" Wood Subsill, Factory Applied, No Exterior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 187".**Rough Opening:** 29 - 1/4" X 66 - 5/8"

Customer Notes: TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, SCREEN (none), LOCK STYLE, SASH LIFT, LOH, NO JE & JAMB INSERT
TYPE 1/15/20

3/9/20: reprice w/ Std Ext Half Screen - Thanks, Nancy Z

*** No NFRC or Hallmark labels will be supplied for this unit. To print an accurate acknowledgement for this line only, please choose the Proposal-Detailed report with the Exclude Performance box chosen. ***

*** PASS Installation Details are recommended for proper unit sizing. ***

4-29-2020

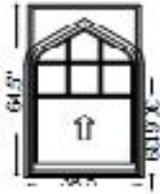
Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

Line #	Location:	Attributes
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400 A S Din-B

Special Wood Brickmould, 38.5 X 64.5Qty

1

PK #
2066**1: Traditional, 38,564,5 Single Hung, Equal****Frame Size:** 38 1/2 X 64 1/2**General Information:** Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed**Wrapping Information:** Attachment Options, Wood Brickmould, 1 7/8", With Rabbet (For Windows), 4 3/8", Factory Applied, Perimeter Length = 206", Glazing Pressure = 75.

Viewed From Exterior

Rough Opening: 39 - 1/4" X 65 - 1/4"

Customer Notes: BRICKMOULD FOR LINE ITEM 300:
TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: *** Line 505 is the set up fee for the Brickmould ***

Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, SCREEN (none), LOCK STYLE, SASH LIFT, LOH, NO JE & JAMB INSERT
TYPE 1/15/20

4-29-2020

Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

Line #	Location:	Attributes
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494 A E Din-A

Special Wood Brickmould, 38.375 X 64.5Qty

1



PK #

2066

1: Traditional, 38.37564.5 Single Hung, Equal**Frame Size:** 38 3/8 X 64 1/2**General Information:** Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed**Wrapping Information:** Attachment Options, Wood Brickmould, 1 7/8", With Rabbet (For Windows), 4 3/8", Factory Applied, Perimeter Length = 206", Glazing Pressure = 75.

Viewed From Exterior

Rough Opening: 39 - 1/8" X 65 - 1/4"

Customer Notes: BRICKMOULD FOR LINE ITEM 394:
TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, SCREEN (none), LOCK STYLE, SASH LIFT, LOH, NO JE & JAMB INSERT
TYPE 1/15/20

*** Line 505 is the set up ***

Note: Per engineering, profile is standard
4-29-2020

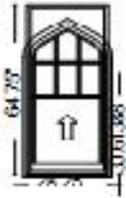
Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

Line #	Location:	Attributes
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495 B E Liv1-A

Special Wood Brickmould, 28.25 X 64.75Qty

3



PK #

2066

1: Traditional, 28.2564.75 Single Hung, Equal**Frame Size:** 28 1/4 X 64 3/4**General Information:** Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed**Wrapping Information:** Attachment Options, Wood Brickmould, 1 7/8", With Rabbet (For Windows), 4 3/8", Factory Applied, Perimeter Length = 186", Glazing Pressure = 100.

Viewed From Exterior

Rough Opening: 29" X 65.5"

Customer Notes: BRICKMOULD FOR LINE ITEM 395:
TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, SCREEN (none), LOCK STYLE, SASH LIFT, LOH, NO JE & JAMB INSERT
TYPE 1/15/20

*** Line 505 is the set up fee for the Brickmould ***

Note: Per engineering, profile is standard

4-29-2020

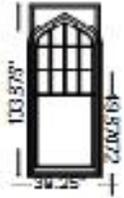
Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

Line #	Location:	Attributes
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496 C E Stair

Special Wood Brickmould, 38.25 X 103.875Qty

1

PK #
2066**1: Traditional, 38.25103.875 Simulated Hung, Equal****Frame Size:** 38 1/4 X 103 7/8**General Information:** Wood, Pine, 5 5/8", 5 7/16"**Exterior Color / Finish:** Primed**Wrapping Information:** Attachment Options, Wood Brickmould, 1 7/8", With Rabbet (For Windows), Perimeter Length = 285", Glazing Pressure = 205.

Viewed From Exterior

Rough Opening: 39" X 104.625"

Customer Notes: BRICKMOULD FOR LINE ITEM 396:
TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, JAMB INSERT TYPE & LOCK - - MAKE LOWER IG TEMPERED (upper tempered only if required - in stairwell) - - ELIMINATE Simulated Lock - - we are going with Spoon Style on all other units and don't want Cam-Action simulated here! - 1/15/20

*** Line 505 is the set up fee for the Brickmould ***

Note: Per engineering, profile is standard

4-29-2020

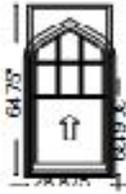
Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

Line #	Location:	Attributes
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497 B E Liv1B

Special Wood Brickmould, 28.875 X 64.75Qty

3



PK #

2066

1: Traditional, 28.87564.75 Single Hung, Equal**Frame Size:** 28 7/8 X 64 3/4**General Information:** Wood, Pine, 4 3/8", 4 3/16"**Exterior Color / Finish:** Primed**Wrapping Information:** Attachment Options, Wood Brickmould, 1 7/8", With Rabbet (For Windows), 4 3/8", Factory Applied, Perimeter Length = 188", Glazing Pressure = 100.

Viewed From Exterior

Rough Opening: 29 - 5/8" X 65 - 1/2"

Customer Notes: BRICKMOULD FOR LINE ITEM 397:
TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass 3-6-19

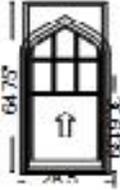
Squareback w/blindstop - REVISED SIZE, SCREEN (none), LOCK STYLE, SASH LIFT, LOH, NO JE & JAMB INSERT
TYPE 1/15/20

*** Line 505 is the set up fee for the Brickmould ***

Note: Per engineering, profile is standard

4-29-2020

Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

Line #	Location:	Attributes		Qty
498	B E Liv2B	Special Wood Brickmould, 28.5 X 64.75		1
		PK # 2066	1: Traditional, 28,564.75 Single Hung, Equal Frame Size: 28 1/2 X 64 3/4 General Information: Wood, Pine, 4 3/8", 4 3/16" Exterior Color / Finish: Primed Wrapping Information: Attachment Options, Wood Brickmould, 1 7/8", With Rabbet (For Windows), 4 3/8", Factory Applied, Perimeter Length = 187", Glazing Pressure = 100.	
	Viewed From Exterior			

Rough Opening: 29 - 1/4" X 65 - 1/2"

Customer Notes: BRICKMOULD FOR LINE ITEM 398:
TO BE ORDERED AFTER RECTANGULAR DH'S -- SIZE TO BE CONFIRMED BUT PRICE HELD

Custom Product Instructions: Quote with Cardinal Low E 272 / clear glass 3-6-19

Squareback w/blindstop - REVISED SIZE, SCREEN (none), LOCK STYLE, SASH LIFT, LOH, NO JE & JAMB INSERT
TYPE 1/15/20

*** Line 505 is the set up fee for the Brickmould ***
 Note: Per engineering, profile is standard
 4-29-2020

Please adjust brickmould to the standard wood 1-7/8. All brickmould should be consistent throughout and currently we're showing two(2) different types. Please advise if there are any questions or if anything else is needed to complete. Thank you.

Line #	Location:	Attributes		Qty
500	C E Stair	0CSMD000 - AS (Model 3, 5, 6) Spoon Lock/Strike, Champagne		1

Customer Notes: Use to replace the cam-action lock that is standard on the monumental simulated hung unit.

Line #	Location:	Attributes	Qty
505	None Assigned	SPSETUPSHEN Custom Setup Charge A	1

Thank You For Purchasing Pella® Products

PELLA WARRANTY:

Pella products are covered by Pella's limited warranties in effect at the time of sale. All applicable product warranties are incorporated into and become a part of this contract. Please see the warranties for complete details, taking special note of the two important notice sections regarding installation of Pella products and proper management of moisture within the wall system. Neither Pella Corporation nor the Seller will be bound by any other warranty unless specifically set out in this contract. However, Pella Corporation will not be liable for branch warranties which create obligations in addition to or obligations which are inconsistent with Pella written warranties.

Clear opening (egress) information does not take into consideration the addition of a Rolscreen [or any other accessory] to the product. You should consult your local building code to ensure your Pella products meet local egress requirements.

Per the manufacturer's limited warranty, unfinished mahogany exterior windows and doors must be finished upon receipt prior to installing and refinished annually, thereafter. Variations in wood grain, color, texture or natural characteristics are not covered under the limited warranty.

INSYNCTIVE PRODUCTS: In addition, Pella Insynctive Products are covered by the Pella Insynctive Products Software License Agreement and Pella Insynctive Products Privacy Policy in effect at the time of sale, which can be found at [Insynctive.pella.com](https://www.pella.com). By installing or using Your Insynctive Products you are acknowledging the Insynctive Software Agreement and Privacy Policy are part of the terms of sale.

Notice of Collection of Personal Information: We may collect your personal information when you interact with us. Under the California Consumer Privacy Act (CCPA), California residents have specific rights to request this information, request to delete this information, and opt out of the sharing or sale of this information to third parties. To learn more about our collection practices and your rights under the CCPA please visit our link <https://www.pella.com/california-rights-policy/> at [pella.com](https://www.pella.com).

ARBITRATION AND CLASS ACTION WAIVER ("ARBITRATION AGREEMENT")

YOU and Pella and its subsidiaries and the Pella Branded Distributor **AGREE TO ARBITRATE DISPUTES ARISING OUT OF OR RELATING TO YOUR PELLA PRODUCTS (INCLUDES PELLA GOODS AND PELLA SERVICES) AND WAIVE THE RIGHT TO HAVE A COURT OR JURY DECIDE DISPUTES. YOU WAIVE ALL RIGHTS TO PROCEED AS A MEMBER OR REPRESENTATIVE OF A CLASS ACTION, INCLUDING CLASS ARBITRATION, REGARDING DISPUTES ARISING OUT OF OR RELATING TO YOUR PELLA PRODUCTS.** You may opt out of this Arbitration Agreement by providing notice to Pella no later than ninety (90) calendar days from the date You purchased or otherwise took ownership of Your Pella Goods. To opt out, You must send notice by e-mail to pellawebsupport@pella.com, with the subject line: "Arbitration Opt Out" or by calling (877) 473-5527. Opting out of the Arbitration Agreement will not affect the coverage provided by any applicable limited warranty pertaining to Your Pella Products. For complete information, including the full terms and conditions of this Arbitration Agreement, which are incorporated herein by reference, please visit www.pella.com/arbitration or e-mail to pellawebsupport@pella.com, with the subject line: "Arbitration Details" or call (877) 473-5527. D'ARBITRAGE ET RENONCIATION AU RECOURS COLLECTIF ("convention d'arbitrage") EN FRANÇAIS SEE PELLA.COM/ARBITRATION. DE ARBITRAJE Y RENUNCIA COLECTIVA ("acuerdo de arbitraje") EN ESPAÑOL VER PELLA.COM/ARBITRATION.

Seller shall not be held liable for failure or delay in the performance of its obligations under this Agreement, if such performance is hindered or delayed by the occurrence of an act or event beyond the Seller's reasonable control (force majeure event), including but not limited to earthquakes, unusually severe weather and other Acts of God, fire, strikes and labor unrest, epidemics, riots, war, civil unrest, and government interventions. Seller shall give timely notice of a force majeure event and take such reasonable action to mitigate the impacts of such an event.

Product Performance Information:

U-Factor, Solar Heat Gain Coefficient (SHGC), and Visible Light Transmittance (VLT) are certified by the National Fenestration Rating Council (NFRC).

For more information regarding the finishing, maintenance, service and warranty of all Pella® products, visit the Pella® website at www.pella.com

Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any products and does not warrant the suitability of any product for any specific use.

Design Pressure (DP), Performance Class, and Performance Grade (PG) are certified by a third party organization, in many cases the Window and Door Manufacturers Association (WDMA). The certification requires the performance of at least one product of the product line to be tested in accordance with the applicable performance standards and verified by an independent party. The certification indicates that the product(s) of the product line passed the applicable tests. The certification does not apply to mulled and/or product combinations unless noted. Actual product results will vary and change over the products life.

For more performance information along with information on Florida Product Approval System (FPAS) Number and Texas Dept. of Insurance (TDI) number go to www.pella.com/performance.

Pella products are covered by Pella's limited warranties in effect at the time of sale. All applicable product warranties are incorporated into and become a part of this contract. Please see the warranties for complete details, taking special note of the two important notice sections regarding installation of Pella products and proper management of moisture within the wall system. Neither Pella Corporation nor PWD, LLC ("Pella Windows and Doors") will be bound by any other warranty unless specifically set out in this contract. However, Pella Corporation will not be liable for branch warranties which create obligations in addition to or obligations which are inconsistent with Pella written warranties.

Clear opening (egress) information does not take into consideration the addition of a Rolscreen [or any other accessory] to the product. You should consult your local building code to ensure your Pella products meet local egress requirements.

Per the manufacturer's limited warranty, unfinished mahogany exterior windows and doors must be finished upon receipt prior to installing and refinished annually, thereafter. Variations in wood grain, color, texture or natural characteristics are not covered under the limited warranty.

GENERAL TERMS AND CONDITIONS: ACCEPTANCE: This order is subject to acceptance by an authorized agent of PWD, LLC. PRICING: All quote pricing is valid for a period of 30 days, at which time an adjustment may be made for product offering changes or transportation costs. CHANGES: Product manufactured or in process of manufacturing in accordance with the specifications, as outlined herein, cannot be returned or cancelled. Additional materials or services will be billed at the price prevailing at the time of order. INSPECTION: Buyer should carefully check material upon delivery and report any claim for product shortages or damages within 3 days. TERMS: Payment required with order unless upon approved credit. Net 30 Days on approved credit. Accounts not paid within terms are subject to finance charge of 1 1/2% per month which is an annual percentage rate of 18%. LIENS: Claim of Lien is automatically filed on delinquent jobs as required by law. Waivers of Lien (partial, full or conditional) are furnished upon request after payment. PERFORMANCE: Seller shall not be liable for any consequences of delay regardless of cause. INSTALLATION: Products purchased from and installed by seller under the "Retail" program are covered by a two-year limited installation warranty. With the exception of the "Retail" program, seller shall not be liable to buyer for any damages or problems resulting from installation of Pella products. In the event that buyer has been referred to an independent contractor, including a Certified Pella Contractor, buyer assumes full responsibility for all installation matters, including the selection of the contractor. WARRANTY: Pella products are covered by Pella's limited warranties in effect at the time of sale. All applicable product warranties are incorporated into and become a part of this contract. Please see the warranties for complete details. Neither Pella Corporation nor PWD, LLC will be bound by any other warranty.

Order Checklist

PWD, LLC

Our #1 Priority is Your Satisfaction!

Pella products are made to your specifications, carefully review the details of this contract as we have a NO Return Policy.

Initial below ALL items that have been verified

_____ Brand: _____	_____ Brand: _____
_____ Brand: _____	_____ Brand: _____
_____ Exterior Color: _____	_____ Grilles: (Exterior/Interior) _____
_____ Interior Stain/Finish: _____	_____ Glazing/Glass: _____
_____ Blinds/Shades: _____	_____ Wall Condition: _____

Check below ALL items that have been verified/reviewed

Other Product Attributes:

Reviewed Sizes on Contract _____ Window Hardware Color _____

For more information regarding the finishing, maintenance, service and warranty of all Pella® products, visit the Pella® website at www.pella.com

- Window Screens _____ Door Hardware/Key Cylinder _____
- Door Screens _____ Trim/Casing/Mull Covers _____
- Hinging/Sliding (exterior) _____ Tape/Foam/Caulk/Coil/Etc _____
- Handing (exterior) _____ Line Items Initialed _____

Other Items Special to this order:

- Item #1 _____ Item #3 _____
- Item #2 _____ Item #4 _____

Other Information:

- Customer Satisfaction! _____ Product Warranty Reviewed _____
- No Return Policy _____ I Have Received Interior Finish Disclaimer _____
- Delivery Date & Special Instructions _____ Sales & Service Contact Information Reviewed _____
- Delivery Confirmation Process & Expectations Reviewed Service Contact Information #866-647-0570
- Delivery Cancellation Fee \$150 if order rejected at job site Accessory Hold Items Reviewed & Date Set _____
- Reschedule Fee \$75 if Cancelled within 24 hours of Scheduled Delivery Other _____

I hereby authorize Pella Corporation, its affiliates and/or subsidiaries to use, reproduce, and/or publish photographs and/or video that may pertain to me and my project, including materials described below, without compensation. I understand that this material may be used in various communications (e.g. Website, e-newsletters, promotional materials, etc).

Consequently, the Corporation may publish materials, photographs, and/or make reference to the project in a manner that the Corporation or project sponsor deems appropriate.

Comments: _____

Project Checklist has been reviewed shop drawings to be approved replace checklist

X Marques King
 Customer Name (Please print)

X *Marques G. King*
 Customer Signature

X 8/11/2020
 Date

DANA REEVES
 Pella Sales Rep Name (Please print)

[Signature]
 Pella Sales Rep Signature

7/30/2020
 Date

Order Totals	
Taxable Subtotal	\$157,645.00
Sales Tax @ 0%	\$0.00
Non-taxable Subtotal	\$0.00
Total	\$157,645.00
Deposit Received	\$0.00
Amount Due	\$157,645.00

~~Credit Card Approval Signature~~

THIS SHEET IS A REVISION OF PAGE 3 OF 7 ON PAS DRAWING 206374.28, REPLACING IT DUE TO SIZE CHANGE AND REORDER OF ALL PRODUCT. SUBSILLS HAVE BEEN ELIMINATED.

Line #	Type/Elv/Room/Fl oor/Opening #	Windowset Name	Operation/ Venting	Qty.	Exterior Material Type	Wood Type	Exterior Paint Grade	Exterior Color	Interior Finish/Color	Glazing Type	Insulated Type	Glass Strength	Insulated Glass Option	Low-E Glass Type	Gas Filled	U-Factor	SHGC	VLT	Performance Class	Performance Grade	Jamb Extended Wall Depth	Exterior Sash Profile	Interior Sash Profile	Screen Option	Hardware Type	Hardware Finish
5	E W K/Din Lwr 1	Pella Reserve Traditional Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Tempered	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
10	E W LR Lwr 2	Pella Reserve Traditional Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.53	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
15	Foyer N/S	Pella Reserve Traditional Casement Fixed	Fixed	2	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.27	0.28	0.55	CW	50	3-11/16"	Ogee	Ogee			White
20	E W LR Lwr 3	Pella Reserve Traditional Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.53	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
25	G W Hall Lwr 4	Pella Reserve Traditional Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.53	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
30	F W K/Din Lwr 5	Pella Reserve Traditional Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.53	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
35	F S BR3 Lwr 1	Pella 250 Series Double-Hung	Double-Hung	1	Vinyl			Almond	Almond	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	0.29	0.28	0.53	R	35				Full Screen	Cam-Action Lock	Almond
40	K S BR3 Lwr 2	Pella 250 Series Awning	Awning	1	Vinyl			Almond	Almond	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	0.27	0.25	0.46	LC	35				Full Screen	Wash-Hinge	Almond
45	K S BR2 Lwr 3	253 Series Awning	Awning	1	Vinyl			Almond	Almond	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	0.27	0.25	0.46	LC	35				Full Screen	Wash-Hinge	Almond
50	I E Bath Lwr 1	Pella 250 Series Fixed Casement	Fixed	1	Vinyl			Almond	Almond	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	0.27	0.30	0.57	CW	50				Full Screen		Almond
55	K E BR1 Lwr 2	Pella 250 Series Awning	Awning	1	Vinyl			Almond	Almond	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	0.27	0.25	0.46	LC	35				Full Screen	Wash-Hinge	Almond
60	I E BR1 Lwr 3	Pella 250 Series Double-Hung	Double-Hung	1	Vinyl			Almond	Almond	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	0.29	0.28	0.53	R	30				Full Screen	Cam-Action Lock	Almond
65	K E BR1 Lwr 4	Pella 250 Series Awning	Awning	1	Vinyl			Almond	Almond	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	0.27	0.25	0.46	LC	35				Full Screen	Wash-Hinge	Almond
70	I E BR2 Lwr 5	Pella 250 Series Double-Hung	Double-Hung	1	Vinyl			Almond	Almond	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	0.29	0.28	0.53	R	30				Full Screen	Cam-Action Lock	Almond
75	I E BR2 Lwr 6	Pella 250 Series Double-Hung	Double-Hung	1	Vinyl			Almond	Almond	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	0.29	0.28	0.53	R	30				Full Screen	Cam-Action Lock	Almond
80	K N BR2 Lwr 1	Pella 250 Series Awning	Awning	1	Vinyl			Almond	Almond	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass	Argon	0.27	0.25	0.46	LC	35				Full Screen	Wash-Hinge	Almond
85	J N Bath Lwr 2	Pella 250 Series Double-Hung	Double-Hung	1	Vinyl			Almond	Almond	Insulated	Dual	Tempered	Low-E	Advanced Low-E Insulating Glass	Argon	0.29	0.28	0.53	R	30				Full Screen	Cam-Action Lock	Almond
90	G N Bath Lwr 3	Pella 250 Series Double-Hung	Double-Hung	1	Vinyl			Almond	Almond	Insulated	Dual	Tempered	Low-E	Advanced Low-E Insulating Glass	Argon	0.29	0.28	0.53	R	35				Full Screen	Cam-Action Lock	Almond
100	D W K/Din 1st 1	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
105	C W K/Din 1st 2	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
110	B W LR 1st 3	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.62	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
115	A W Stair 1st 4	Support Product Traditional Rectangle	Fixed Frame	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Tempered	Low-E	Advanced Low-E Insulating Glass *	Argon	0.28	0.32	0.60	CW	60	3-11/16"	Ogee	Ogee			White
120	B W LR 1st 5	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
125	C W K/Din 1st 6	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
130	D W K/Din 1st 7	Support Product Traditional Rectangle	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
200	D W K/Din 2nd 1	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White

205	C W K/Din 2nd 2	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
210	B W LR 2nd 3	Pella Reserve Double-Hung Support Product	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
215	A W Stair 2nd 4	Traditional Rectangle	Fixed Frame	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Tempered	Low-E	Advanced Low-E Insulating Glass *	Argon	0.28	0.32	0.60	CW	60	3-11/16"	Ogee	Ogee			White
220	B W LR 2nd 5	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
225	C W K/Din 2nd 6	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
230	D W K/Din 2nd 7	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
300	D W K/Din 3rd 1	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
305	C W K/Din 3rd 2	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
310	B W LR 3rd 3	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
315	B W LR 3rd 4	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
320	C W Hall 3rd 5	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White
325	D W K/Din 3rd 6	Pella Reserve Double-Hung	Double-Hung	1	Clad	Pine	Standard Endurclad	Almond	Primed	Insulated	Dual	Annealed	Low-E	Advanced Low-E Insulating Glass *	Argon	0.29	0.28	0.52	CW	50	3-11/16"	Ogee	Ogee	Integrated Rolscreen Lower Sash Only	Cam-Action Lock	White

* On Pella Reserve units, glass is Cardinal Low-E 272/clear glass (ratings shows in chart are for Pella standard Advanced Low-E -- product has NOT been tested or rated with Cardinal Low-E 272/clear glass !!) (Pella's standard Advanced Low-E glass on 250 Series fiberglass units.)

Tuckpointing:
Use historic mix mortar mix for tuckpointing, match existing adjacent joint composition, density, dimension, color and profile.

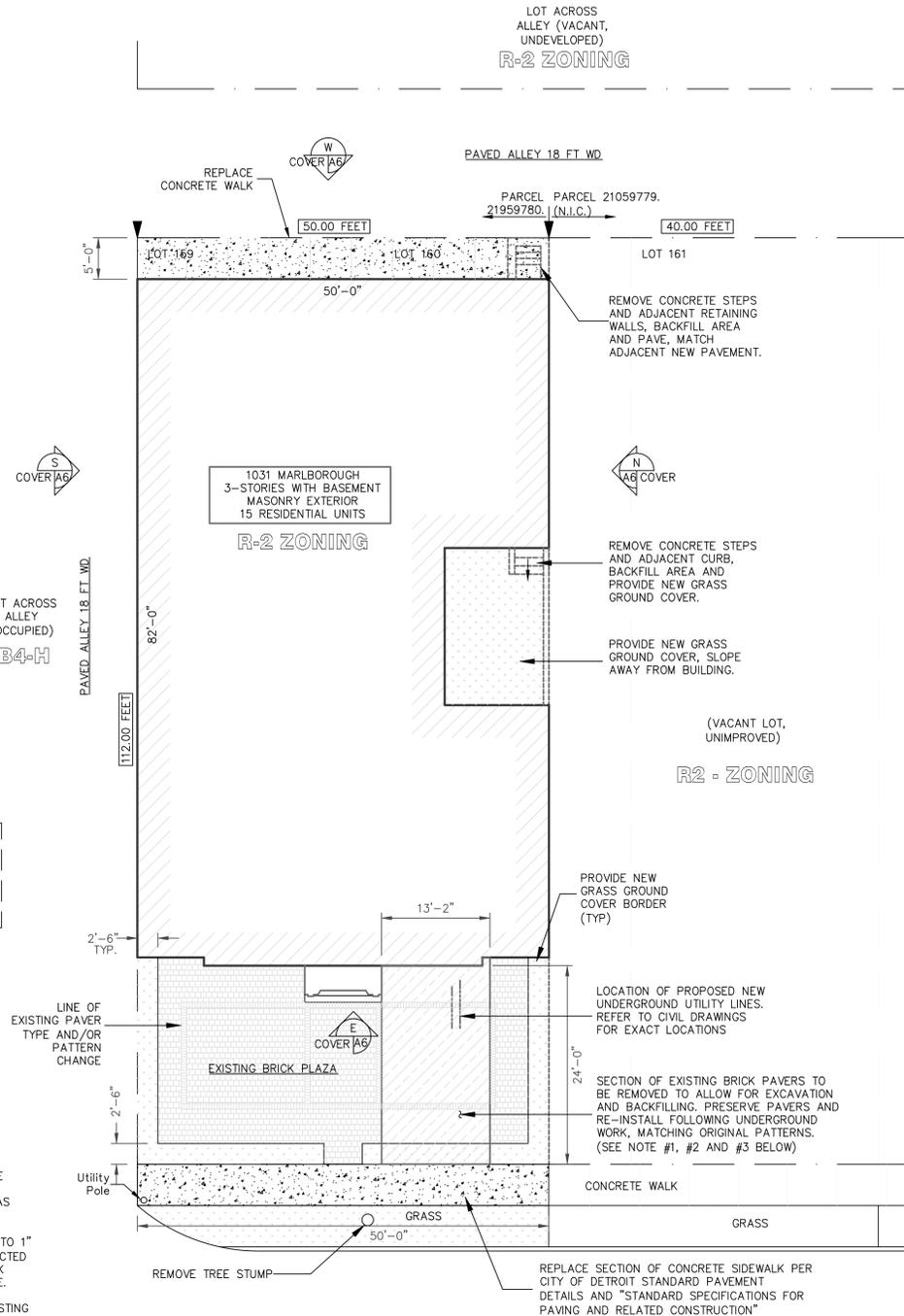
Masonry Cleaning:
Use low-pressure water spray with detergent for masonry cleaning.

Stone and Masonry Restoration, General:
See specifications sections 04901 Stone Restoration and Cleaning and 04902 Stone Restoration and Cleaning for stone and masonry restoration criteria, product requirements and procedures.

Interior Moulding and Trim, General:
Replace interior baseboard, door, window and ceiling trim with new materials matching the locations, materials, sizes, profiles and finish type of existing.

Doors, General:
Replace all doors, mouldings and trim with new materials matching the locations, materials, sizes, profiles and finish type of existing and per door schedule.

Mechanical, Plumbing, Electrical and Life-Safety Systems Concealment, General:
Installation of all new mechanical, plumbing, electrical and life-safety systems must be concealed within the building's walls, floors, ceilings, or within new soffits. No system components shall be exposed, except for flush installed control devices, light fixtures and flush mounted receptacles.

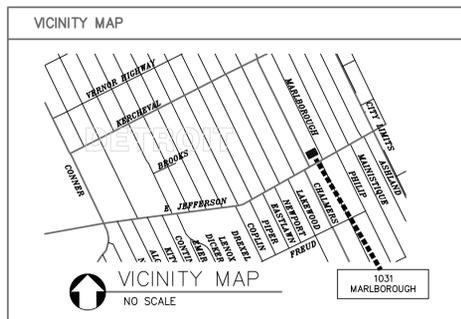


REVISIONS THIS SHEET

1	REVISED SHEET INDEX TO ADD SHEETS A9.2, A9.3 AND A9.4
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- SITE PLAN NOTES:**
- EDGE OF AREA OF PAVERS TO BE REMOVED TO ALIGN WITH EDGE OF EXISTING PAVEMENT CHANGE AS SHOWN.
 - RE-INSTALL PAVERS OVER 3/4" TO 1" SAND SETTING BED OVER 4" COMPACTED AGGREGATE BASE OVER WEED BLOCK FABRIC OVER COMPACTED SUBGRADE.
 - INSTALL PAVERS FLUSH WITH EXISTING ADJACENT PAVERS.
 - SOME AREAS OF EXISTING PAVERS TO BE REMOVED TO RECEIVE NEW GRASS GROUND COVER AS SHOWN INSTEAD OF RE-INSTALLED PAVERS.

SITE PLAN
1" = 10'-0"



LEGAL DESCRIPTION
PARCEL WITH BUILDING:
W MARLBOROUGH S 20 FT 160 159 POINTE VIEW JOS S VISGER & EDGAR J HITS SUB L17 P87 PLATS, WCR 21/302 50X112

CODE REFERENCES

ARCHITECTURAL
2015 MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS

MECHANICAL
2015 MICHIGAN MECHANICAL CODE
2015 MICHIGAN PLUMBING CODE

ELECTRICAL
NATIONAL ELECTRICAL CODE 2014

ZONING, BUILDING CODE AND RELATED DATA

ZONING
R2 - TWO-FAMILY RESIDENTIAL DISTRICT
EXISTING/PROPOSED USE IS A CONDITIONAL/BY-RIGHT USE IN THIS DISTRICT

ZONING USES:
EXISTING/PROPOSED: MULTIPLE-FAMILY DWELLING

BUILDING CODE REFERENCE:
MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS 2015 EDITION AND OTHER CODES REFERENCED THEREIN.

SCOPE OF WORK:
LEVEL II ALTERATIONS INVOLVING RECONFIGURATION OF LESS THAN 50% OF EACH FLOOR AREA.

BUILDING FLOOR AREA:
BASEMENT: 3,456 SQUARE FEET
1ST FLOOR: 3,582 SQUARE FEET
2ND AND 3RD FLOORS EACH: 3,568 SQUARE FEET
TOTAL BUILDING FLOOR AREA: 14,174 SQUARE FEET
AREA LIMIT FOR R2/IIIB/SM: 48,000 SF; R2/IIIB/S13R: 16,000 SF

OCCUPANCY CLASSIFICATIONS/STATUS:
ALL SPACES: R-2 RESIDENTIAL, APARTMENT HOUSE
NO INCIDENTAL USES.
LAUNDRY CLOSETS ARE WITHIN INDIVIDUAL DWELLING UNITS [2015 MBC 509.1].

OCCUPANT LOADS:
SEE OCCUPANT LOAD TABLE

CONSTRUCTION CLASSIFICATION: TYPE IIIB:
MASONRY EXTERIOR, WOOD FLOOR, INTERIOR WALL AND ROOF FRAMING, CONCRETE SLAB ON GRADE BASEMENT FLOOR.

PROJECT AREAS WITH AUTOMATIC FIRE SUPPRESSION: EXISTING: NONE / PROPOSED: ENTIRE BUILDING.

RATED ASSEMBLIES AND SEPARATIONS:
ALTERED FLOOR/CEILING ASSEMBLIES ARE REQUIRED TO HAVE A 30-MINUTE FIRE RESISTANCE RATING. REFER TO FIRE RATED SEPARATIONS DIAGRAM. [2015 MBC 420.3, 713.3 Exception]

BUILDING EXITS:
NO. OF BUILDING EXITS PROVIDED = 3

FIRE PROTECTION SYSTEMS:
AN AUTOMATIC FIRE SUPPRESSION SYSTEM SHALL BE PROVIDED THROUGHOUT. NOTE: ATTIC DRAFTSTOPPING REQUIRED IF TYPE 13R SPRINKLER SYSTEM IS INSTALLED.

FIRE ALARM SYSTEMS:
AN NFPA 72 FIRE ALARM AND DETECTION SYSTEM TO BE PROVIDED. [2012 MI EXISTING BLDG REHAB CODE 904.2 AND MI BLDG CODE 907.2.6 AND 907.3.]

LOCAL HISTORIC DISTRICT: NO.

NATIONAL REGISTERED HISTORIC DISTRICT: JEFFERSON-CHALMERS HISTORIC BUSINESS DISTRICT.

ACCESSIBILITY:
ALTERED ELEMENTS ARE DESIGNED TO BE ACCESSIBLE. [2012 MI EXISTING BLDG REHAB CODE 906.1].

NO PRIMARY FUNCTIONS ARE BEING ALTERED. NO COMMON FACILITIES/ACCOMMODATIONS ARE BEING CREATED.

INSULATION:
EXTERIOR WALLS ABOVE GRADE WHERE THE CAVITY IS EXPOSED ARE TO BE PROVIDED WITH R3.8 CONTINUOUS PLUS R13 BETWEEN FRAMING MEMBERS OR R20 INSULATION BETWEEN FRAMING MEMBERS.

DESIGN-BUILD AND DEFERRED SUBMITTAL RESPONSIBILITIES OF THE CONTRACTOR

STRUCTURAL FOR NEW ROOFTOP EQUIPMENT SHALL BE A DESIGN-BUILD RESPONSIBILITY OF THE CONTRACTOR(S).

AUTOMATIC FIRE SUPPRESSION SYSTEM SHALL BE A DESIGN-BUILD RESPONSIBILITY OF THE CONTRACTOR.

UNIT MATRIX

UNIT NO.	NO. OF BEDROOMS	UNIT TYPE	FLOOR AREA
Basement			
B1	2	A	661
B2	1	B	552
B3	2	C	804
1st Floor			
1-A	2	A	708
1-B	1	B	574
1-C	2	C	830
1-D	2	D	832
2nd Floor			
2-A	2	A	708
2-B	1	B	574
2-C	2	C	830
2-D	2	D	832
3rd Floor			
3-A	2	A	708
3-B	1	B	574
3-C	2	C	830
3-D	2	D	832

PROJECT DESCRIPTION

GENERAL:
REHABILITATION OF 3-STORY MULTIPLE-DWELLING APARTMENT BUILDING, REPLACING FIXTURES, INFRASTRUCTURE AND FINISHES, LIMITED RECONFIGURATION OF SPACES, REPAIR OF FIRE DAMAGED FLOOR FRAMING AND ADJACENT BUILDING ELEMENTS, RESTORATION OF PAVED WALKWAYS.

SITE/EXTERIOR:
REPLACE CONCRETE WALK ALONG BACK OF BUILDING. REPLACE SECTION OF PUBLIC SIDEWALK.

RESTORATION OF GRASS, GROUND COVER AND LANDSCAPED AREAS. REMOVAL OF CONCRETE STEPS AT COURTYARD AND REAR OF BUILDING AND RETAINING WALL AT COURTYARD.

STRUCTURAL:
REPLACEMENT OF FIRE-DAMAGED WOOD FLOOR AND WALL FRAMING AND AFFECTED ADJACENT CONSTRUCTION. NO CHANGE IN STRUCTURAL LOADS OR CONFIGURATION.

EXTERIOR ENCLOSURE:
REPLACEMENT OF FIRE-DAMAGED WOOD FLOOR AND WALL FRAMING ASSEMBLIES INCLUDING FRAMING IN LIMITED AREAS, REMOVAL OF PLASTER AND REPLACEMENT WITH GYPSUM BOARD, NEW INTERIOR DOORS AND HARDWARE EXCEPT WHERE NOTED OTHERWISE, REPLACEMENT OF WOOD WALL BASE, CORNICE MOULDING, WINDOW AND DOOR TRIM AND ALL OTHER TRIM AND MOULDING, LIMITED RECONFIGURATION OF SPACES TO IMPROVE CIRCULATION (LESS THAN 50% OF FLOOR AREAS).

INTERIOR:
REPLACEMENT OF INTERIOR WALL AND CEILING FINISHES, PRESERVATION OF WOOD FLOORING, REFINISHING FLOOR WITH NEW CARPET OVER WOOD, INSTALLATION OF NEW FLOOR/CEILING ASSEMBLIES INCLUDING FRAMING IN LIMITED AREAS, REMOVAL OF PLASTER AND REPLACEMENT WITH GYPSUM BOARD, NEW INTERIOR DOORS AND HARDWARE EXCEPT WHERE NOTED OTHERWISE, REPLACEMENT OF WOOD WALL BASE, CORNICE MOULDING, WINDOW AND DOOR TRIM AND ALL OTHER TRIM AND MOULDING, LIMITED RECONFIGURATION OF SPACES TO IMPROVE CIRCULATION (LESS THAN 50% OF FLOOR AREAS).

ROOF:
REPLACEMENT OF ROOFING SYSTEM INCLUDING MEMBRANE, FLASHING IN ACCORDANCE WITH SPECIFICATIONS, NEW INSULATION, GUTTERS AND DOWNSPOUTS.

MECHANICAL HVAC:
INSTALL NEW HVAC SYSTEM THROUGHOUT. EACH DWELLING UNIT WILL CONTAIN AN INDEPENDENT HEATING, COOLING AND WATER HEATING SYSTEM, COMMON AREA HEATING AND VENTILATION.

PLUMBING:
NEW PLUMBING DISTRIBUTION AND FIXTURES THROUGHOUT.

ELECTRICAL:
NEW ELECTRICAL SERVICE, DISTRIBUTION SYSTEM AND FIXTURES THROUGHOUT, INCLUDING LIGHTING.

LIFE-SAFETY SYSTEMS:
NEW LIGHTED EXIT SIGNS AND EMERGENCY LIGHTING, NEW SMOKE DETECTORS/ALARMS. NEW PORTABLE FIRE EXTINGUISHING DEVICES.

NEW AUTOMATIC FIRE SUPPRESSION SYSTEM THROUGHOUT, WITH FLUSH-MOUNTED SPRINKLER HEADS.

ACCESSIBILITY:
CONFIGURE ONE (1) DWELLING UNIT TO CONFORM TO TYPE 'B' BARRIER-FREE DWELLING UNIT CODE REQUIREMENTS.

SHEET INDEX

ARCHITECTURAL DRAWING SHEETS

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A2	2ND AND 3RD FLOOR DEMOLITION AND PROPOSED FLOOR PLANS
A2.1	BASEMENT FLOOR DEMO AND NEW SLAB PLANS
A3	ROOF PLAN, FLOOR FRAMING REPAIR PLAN
A4	ENLARGED FLOOR PLANS
A4.1	ENLARGED FLOOR PLANS
A4.2	FLOOR PATCH PLANS
A5	REFLECTED CEILING PLANS
A5.1	REFLECTED CEILING PLANS
A5.2	REFLECTED CEILING PLANS
A5.3	PARTIAL BUILDING SECTION
A5.4	CEILING COVES AND ARCH LOCATION PLAN
A5.5	ENLARGED REFLECTED CEILING PLANS
A5.6	ENLARGED REFLECTED CEILING PLANS
A5.7	ENLARGED REFLECTED CEILING PLANS
A6	BUILDING ELEVATIONS
A7	INTERIOR ELEVATIONS
A8	DOOR, FINISH AND PRODUCTS SCHEDULES
A9	WINDOW TYPES, WINDOW SCHEDULES
A9.1	INTERIOR ELEVATIONS, HISTORIC DETAILS
A9.2	DOOR TYPES
A9.3	DOOR OPENING NUMBERS, DOOR SCHEDULE, BASEMENT, 1ST FLOOR
A9.4	DOOR OPENING NUMBERS, DOOR SCHEDULE, 2ND FLOOR, 3RD FLOOR
A9.5	WINDOW DETAILS

MECHANICAL DRAWING SHEETS

M-1	ABBREVIATIONS, SYMBOLS, GENERAL NOTES & SPECIFICATIONS
M-2	DETAILS
M-3	SCHEDULES
M-4	DETAILS
M-5	SCHEDULES
M-6	ROOF PLAN
M-7	NATURAL GAS, DOMESTIC WATER & DX COIL PIPING FLOW DIAGRAMS
M-9	BASEMENT AND 1ST FLOOR HVAC FLOOR PLANS
P-1	2ND AND 3RD FLOORS HVAC FLOOR PLANS
P-2	BASEMENT AND 1ST FLOOR PLUMBING-PIPING FLOOR PLANS 2ND AND 3RD FLOORS PLUMBING-PIPING FLOOR PLANS

ELECTRICAL DRAWING SHEETS

E0.1	DRAWING LIST, ABBREVIATIONS, SYMBOL LIST AND GENERAL NOTES
E2.1	APARTMENT BASEMENT AND FIRST FLOOR LIGHTING PLANS
E3.1	APARTMENT SECOND AND THIRD FLOOR LIGHTING PLANS
E3.2	APARTMENT BASEMENT AND FIRST FLOOR POWER PLANS
E4.1	APARTMENT SECOND AND THIRD FLOOR POWER PLANS
E4.2	APARTMENT BASEMENT AND FIRST FLOOR AUXILIARY SYSTEMS PLAN
E5.1	APARTMENT SECOND AND THIRD FLOOR AUXILIARY SYSTEMS PLANS - Also Labeled as E2.2-
E5.2	ONE LINE DIAGRAMS, PANEL SCHEDULES AND LOAD CALCULATIONS FIRE ALARM RISER DIAGRAM

EDWARDS GROUP INTERNATIONAL, INC.
Architecture | Design | Planning Solutions
Detroit, MI 48202
313-966-4000 / Fax 313-966-7878

PROJECT DATA, SITE PLAN

1031 MARLBOROUGH ST.
DETROIT, MICHIGAN

MARBORO APARTMENTS BUILDING RENOVATION

ISSUE DATES:

ADDENDUM #2
OCT-1-2018

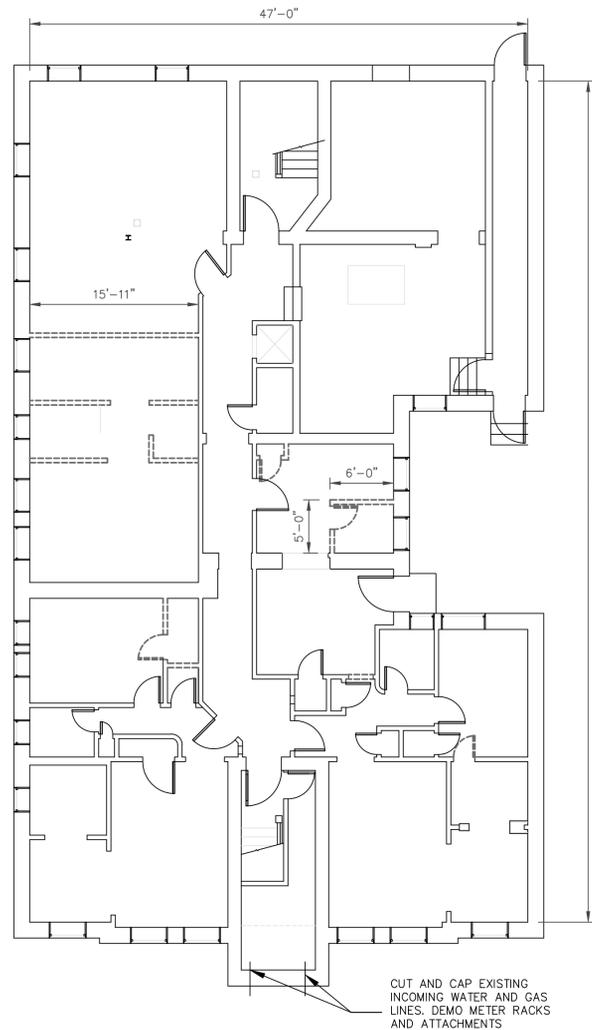
ADDENDUM #3
JAN-10-2019

BULLETIN #1
JAN-30-2019

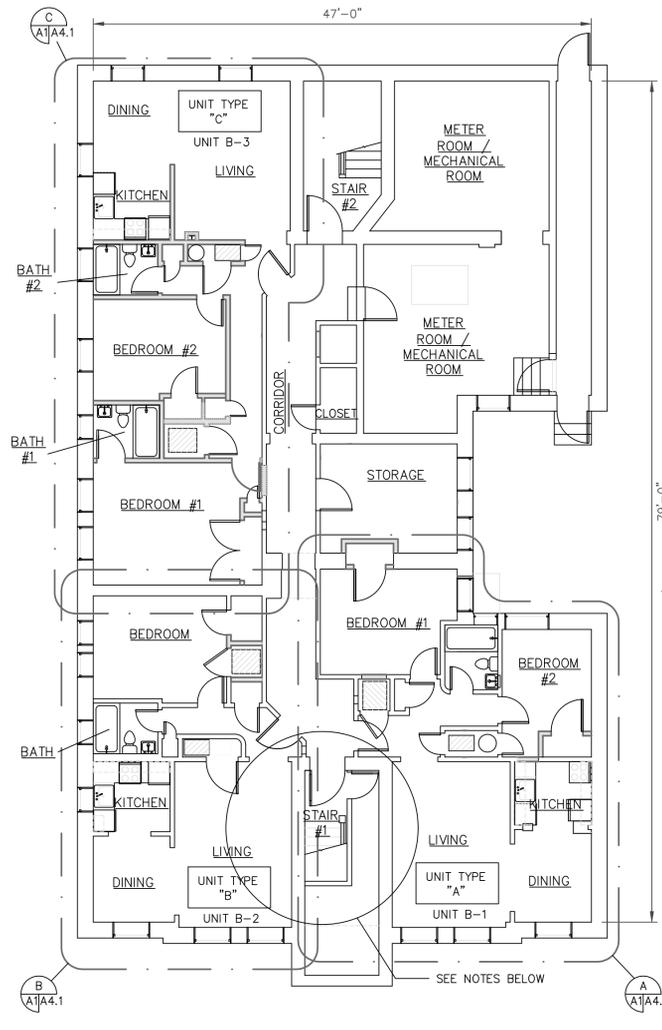
BULLETIN #2
FEB-26-2019

BULLETIN #3
MAR-25-2019

COVER

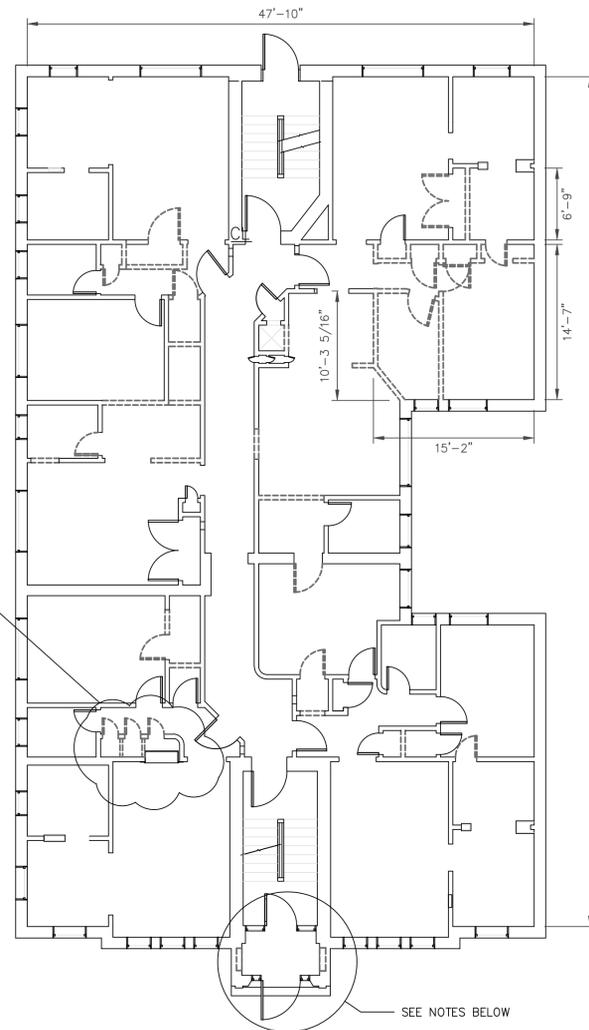


BASEMENT DEMOLITION FLOOR PLAN
1/8" = 1'-0"



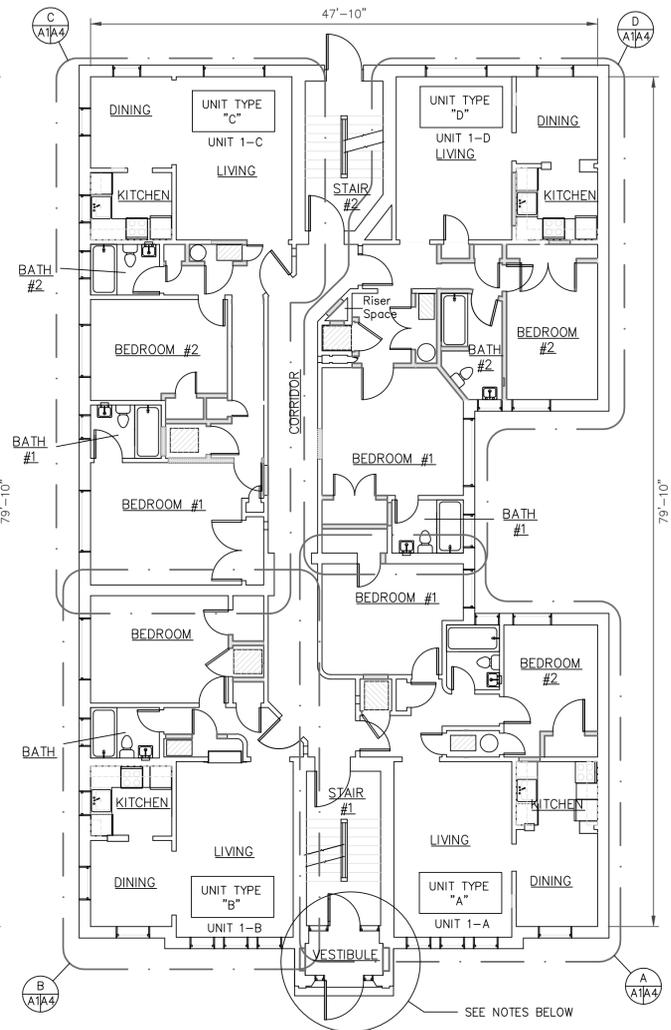
BASEMENT PROPOSED FLOOR PLAN
1/8" = 1'-0"

- BASEMENT FLOOR PLAN NOTES:**
1. REMOVE EXISTING WOOD STAIRCASE PRESERVING HANDRAIL AND BALUSTERS.
 2. CONSTRUCT NEW STAIR WITH EQUAL RISER HEIGHTS FROM GROUND FLOOR LANDING TO TOP OF NEW CONCRETE SLAB.
 3. REINSTALL HANDRAIL AND BALUSTERS. FINISH IN ACCORDANCE WITH THE FINISH SCHEDULE.



1ST FLOOR DEMOLITION FLOOR PLAN
1/8" = 1'-0"

- 1ST FLOOR DEMOLITION PLAN NOTES:**
1. REMOVE EXISTING STONE STEPS. REFER TO SPECIFICATIONS REGARDING STONE RESTORATION WORK.
 2. REMOVE EXISTING BUILT-IN MAILBOXES AND TRIM.
 3. EXISTING CERAMIC TILE FLOORING AND INTACT WALL FINISH IN VESTIBULE TO BE RESTORED AND PRESERVED IN PLACE.



1ST FLOOR PROPOSED FLOOR PLAN
1/8" = 1'-0"

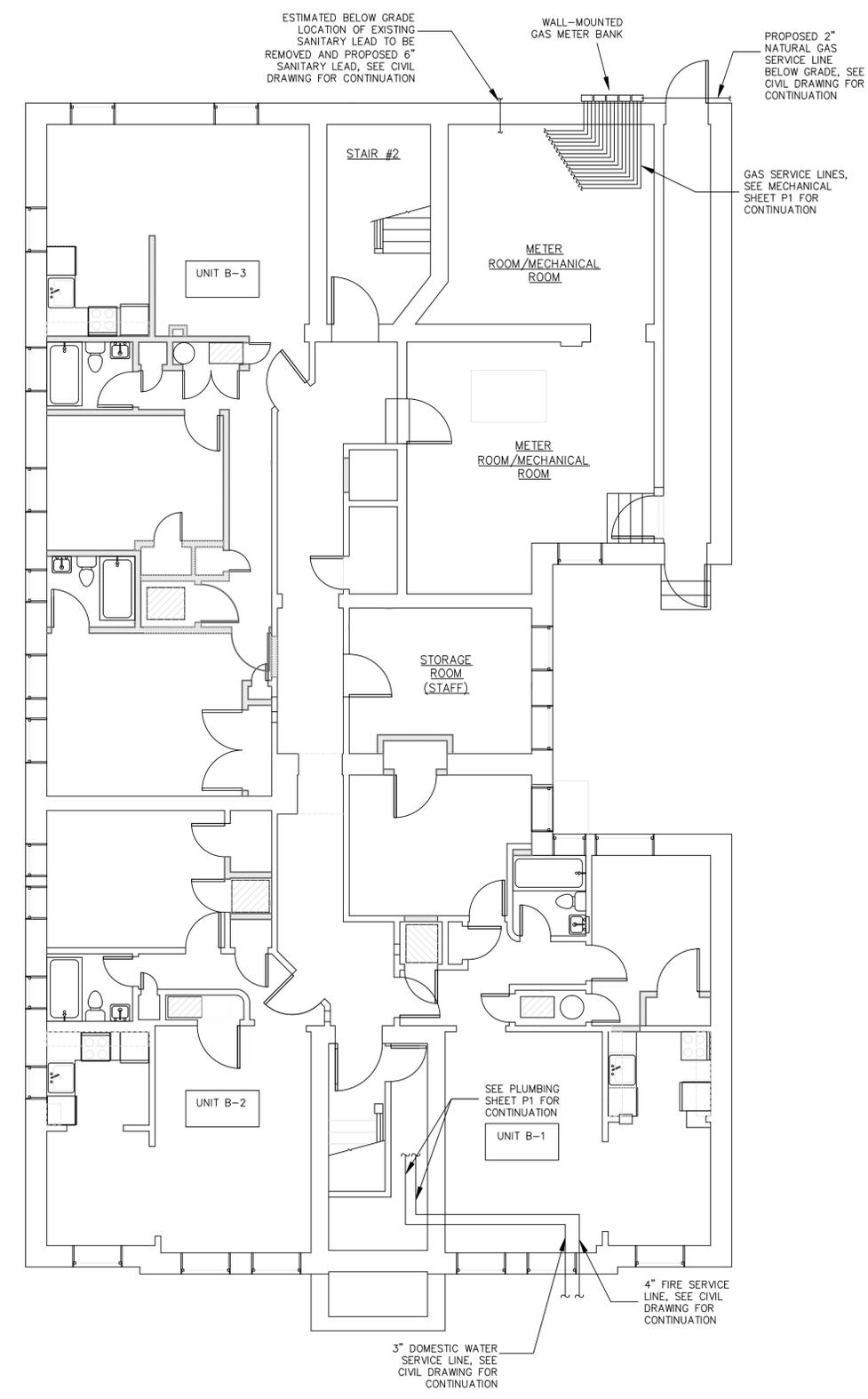
- 1ST FLOOR PROPOSED PLAN NOTES:**
1. INSTALL NEW STONE STEP UNITS MATCHING SIZE, SHAPE AND MATERIAL OF EXISTING ONES TO BE REMOVED. REFER TO SPECIFICATIONS REGARDING STONE RESTORATION WORK.
 2. INSTALL NEW BUILT-IN MAILBOXES AND TRIM IN EXISTING OPENINGS. REFER TO PRODUCTS SCHEDULE FOR NEW MAILBOX DETAILS.
 3. REPLACE INNER VESTIBULE DOOR BETWEEN VESTIBULE AND FRONT STAIRWELL.

DEMOLITION PLAN - SYMBOLS KEY

=====	EXISTING FULL HEIGHT WOOD FRAMED PLASTER FINISHED NON-LOAD BEARING PARTITION WALL TO BE REMOVED. NOTE: SOME WALLS MAY NOT HAVE EXISTING PLASTER FINISH ON EACH SIDE. REMOVE EXISTING DOORS AND FRAMES WHERE SHOWN.
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REVISIONS THIS SHEET

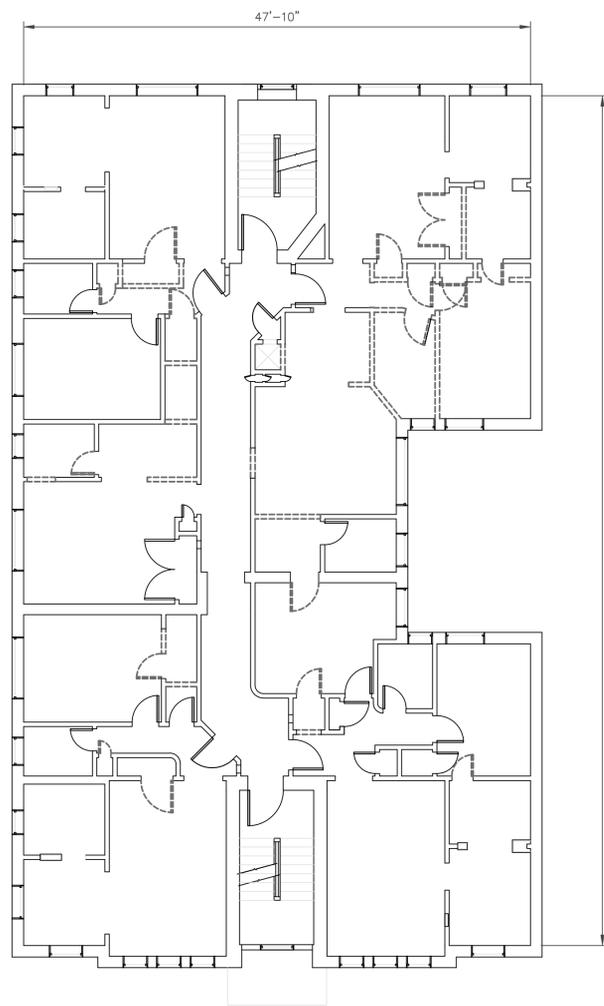
1	REVISED WALL AND DOOR DEMO AT HVAC CLOSET
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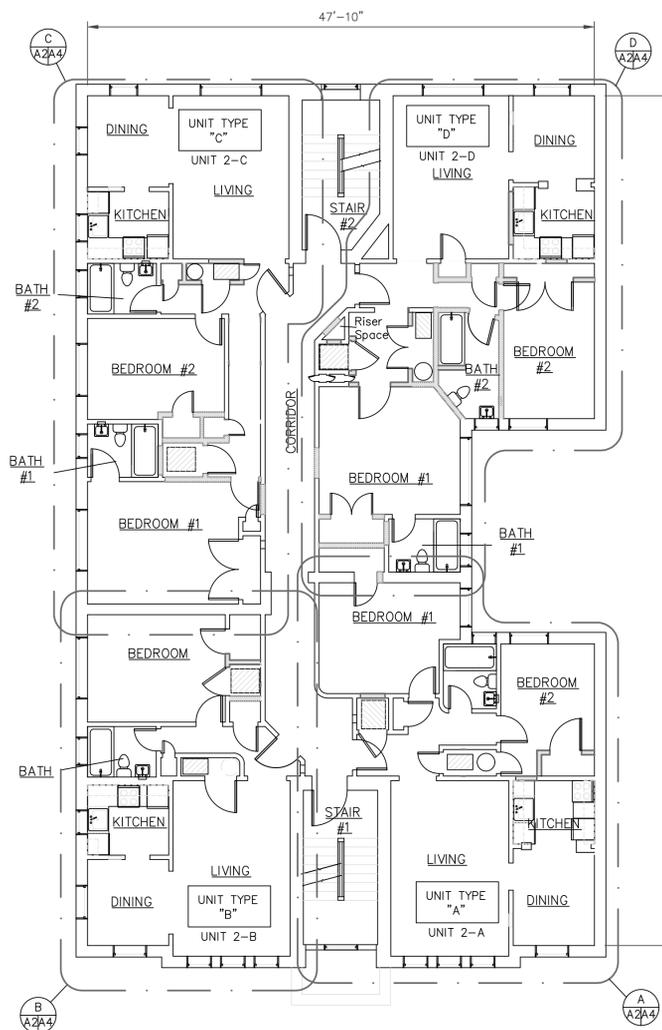
BASEMENT PROPOSED FLOOR PLAN
 3/16" = 1'-0"

- BASEMENT FLOOR PLAN NOTES:**
1. UTILITY SERVICE LINES AND METER LOCATIONS SHOWN SUPERCEDED THOSE SHOWN ON OTHER ADDENDUM #3 DRAWINGS.

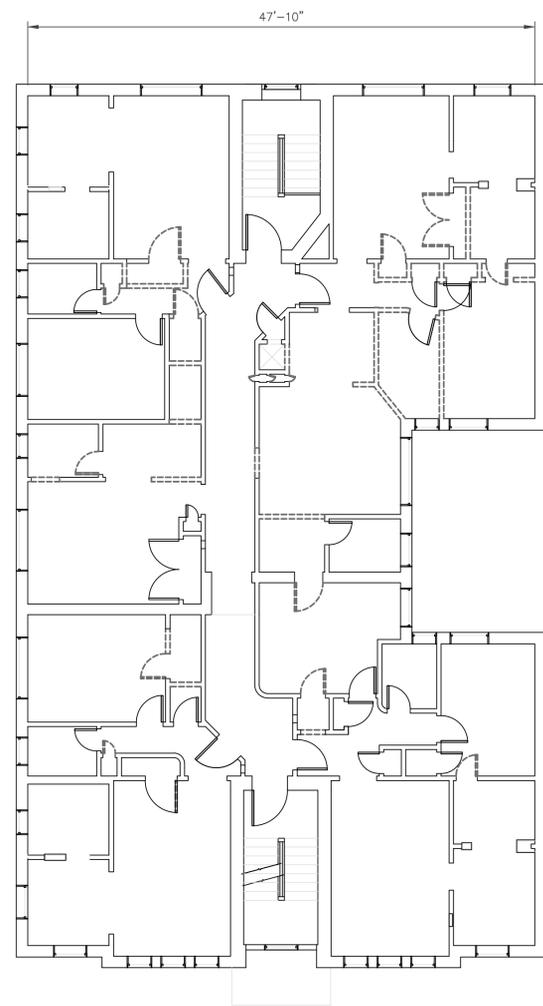
EDWARDS GROUP INTERNATIONAL, INC. Architecture Design Planning Solutions 10000 E. Riverchase Blvd., Suite 200 Atlanta, GA 30328 Phone: 404.241.4800 Fax: 404.241.4801	UTILITY SERVICE COORDINATION PLAN MARLBORO APARTMENTS BUILDING RENOVATION 1031 MARLBOROUGH ST. DETROIT, MICHIGAN
AINA Aina Associates, Inc. Mechanical Electrical Engineering 24775 NorthWestern Hwy. Southfield, MI 48075 313-996-8222	DRAWN BY: R. EDWARDS
ISSUE DATES: ISSUED DRAFT JAN-28-2019 BULLETIN #1 JAN-30-2019	
A1.1	



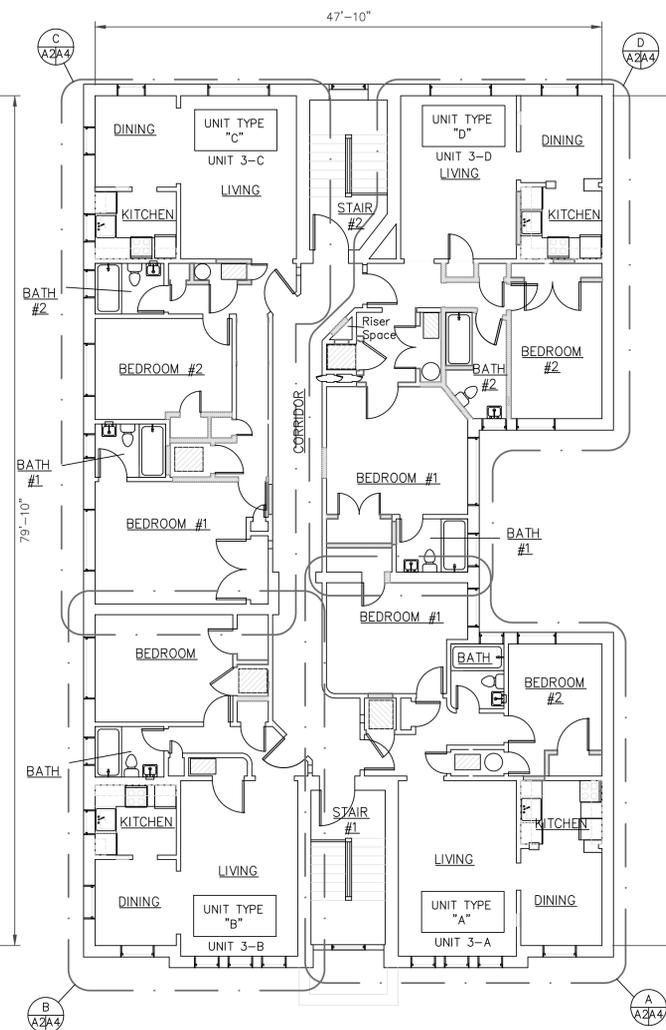
2ND FLOOR DEMOLITION FLOOR PLAN
1/8" = 1'-0"



2ND FLOOR PROPOSED FLOOR PLAN
1/8" = 1'-0"



3RD FLOOR DEMOLITION FLOOR PLAN
1/8" = 1'-0"



3RD FLOOR PROPOSED FLOOR PLAN
1/8" = 1'-0"

DEMOLITION PLAN - SYMBOLS KEY	
-----	EXISTING FULL HEIGHT WOOD FRAMED PLASTER FINISHED NON-LOAD BEARING PARTITION WALL TO BE REMOVED. NOTE: SOME WALLS MAY NOT HAVE EXISTING PLASTER FINISH ON EACH SIDE. REMOVE EXISTING DOORS AND FRAMES WHERE SHOWN.

**MARLBORO APARTMENTS
BUILDING RENOVATION**

DRAWN BY: R. EDWARDS

**2ND AND 3RD FLOOR
DEMOLITION AND PROPOSED
FLOOR PLANS**

1031 MARLBOROUGH ST.
DETROIT, MICHIGAN

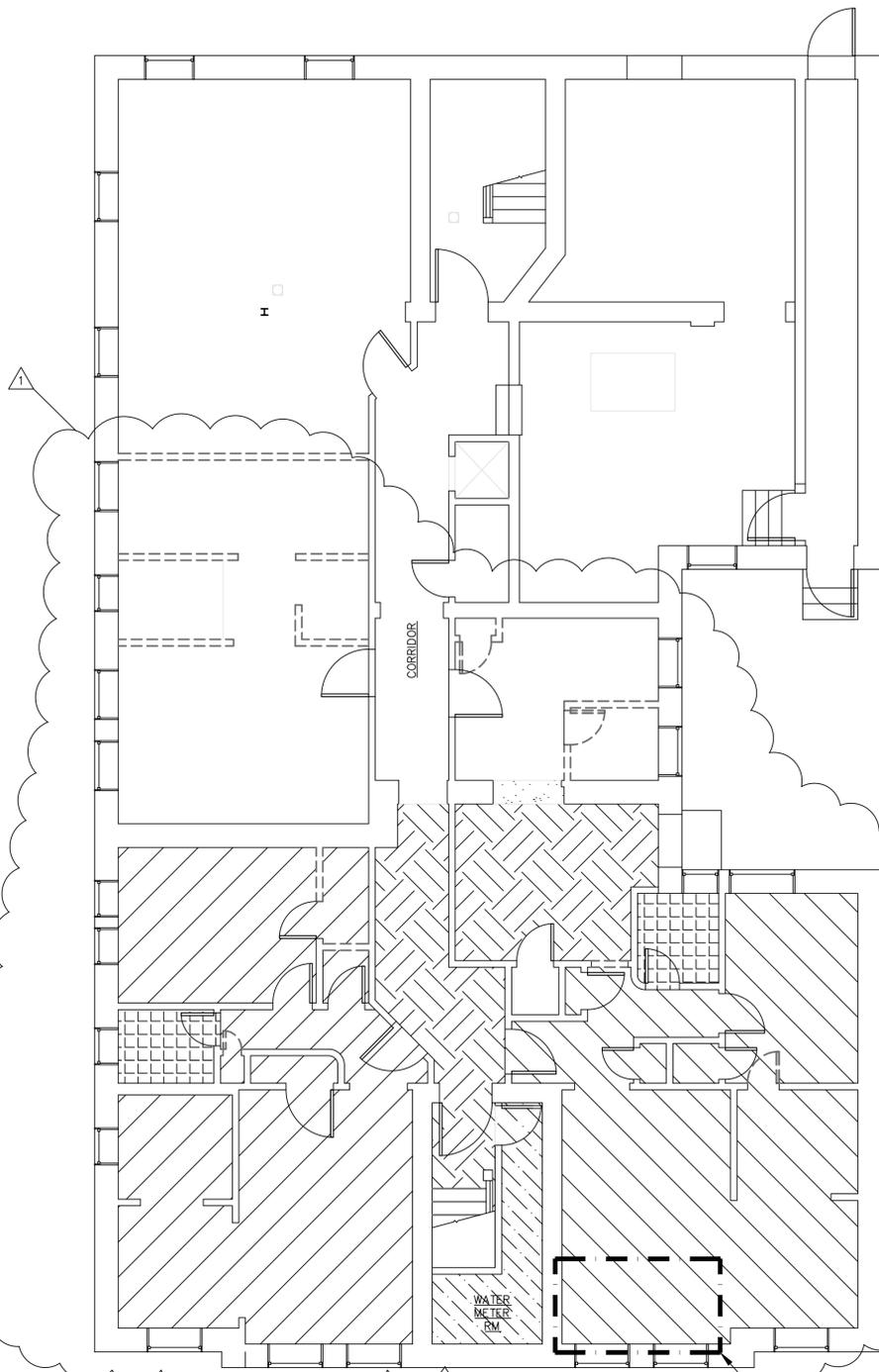
EDWARDS GROUP INTERNATIONAL, INC.
Architecture | Design | Planning Solutions
Detroit, MI 48202
313-965-4000 / Fax 313-965-7678

A/E/C Associates, Inc.
Mechanical | Electrical | Engineering
24175 NorthWestern Hwy
Southfield, MI 48075
313-996-6525

ISSUE DATES:

- HISTORIC REVIEW JUL-26-2017
- ADDENDUM #1 MAR-28-2018
- ADDENDUM #2 OCT-1-2018
- ADDENDUM #3 JAN-10-2019
- BULLETIN #2 FEB-26-2019

A2



THESE SYMBOLS APPLY ONLY TO AREAS OF EXISTING FLOOR CONSTRUCTION TO BE REMOVED AS SHOWN ON THE BASEMENT FLOOR DEMOLITION PLAN. EXISTING FLOOR CONSTRUCTION TO REMAIN EXCEPT WHERE OTHERWISE NOTED.

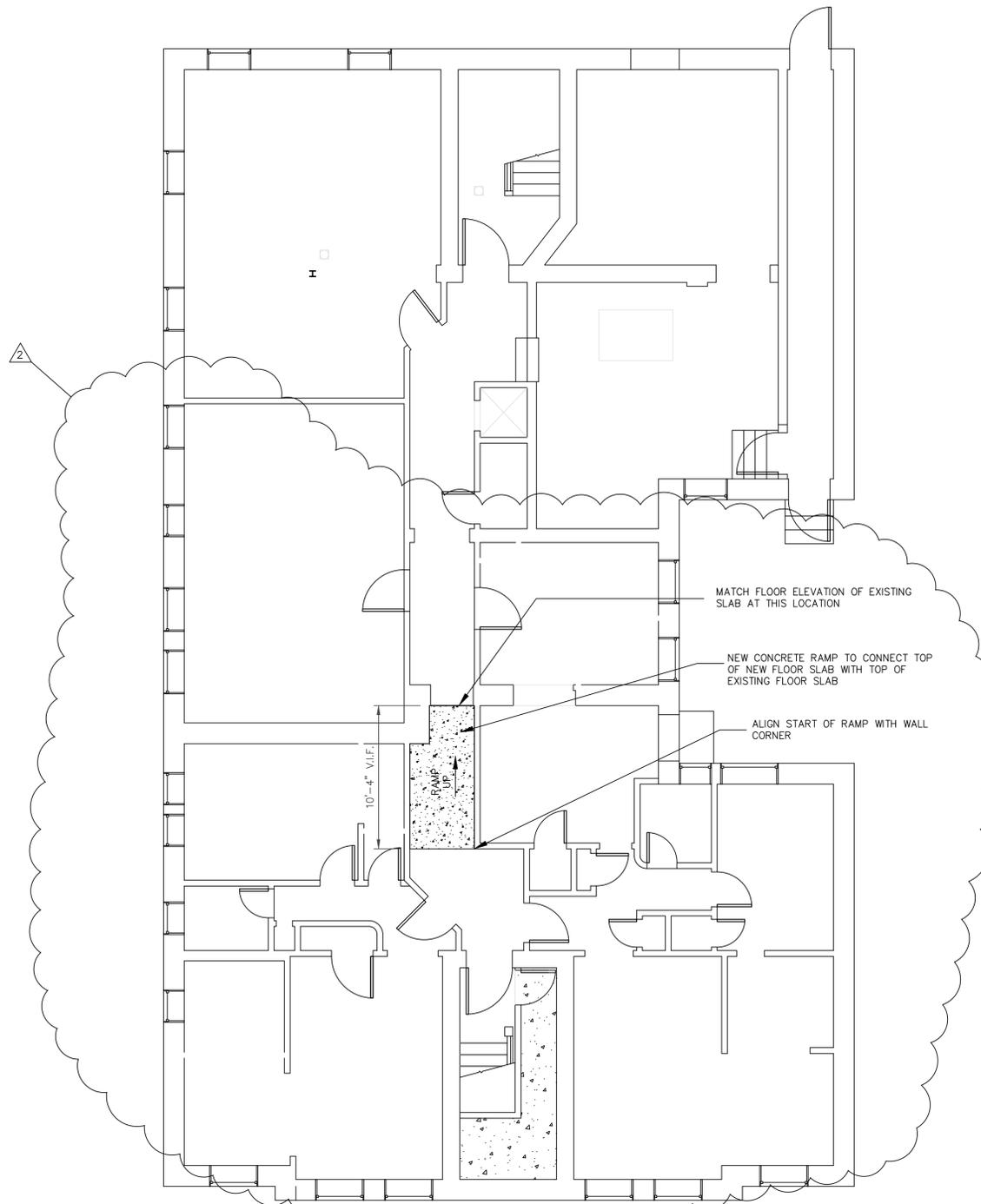
DEMOLITION PLAN - SYMBOLS KEY	
	WOOD PLANK FLOORING OVER WOOD SLEEPERS OVER CONCRETE BASE. DEMOLISH WOOD CONSTRUCTION DOWN TO EXISTING CONCRETE. AREA = APPROXIMATELY 348 SQ. FT.
	DEMOLISH CERAMIC TILE ON 4in CONCRETE BASE OVER ADDITIONAL 7in CONCRETE SLAB BELOW. COMBINED AREAS = APPROXIMATELY 114 SQ. FT.
	FINISH GRADE HARDWOOD OVER WOOD PLANKS OVER WOOD SLEEPERS OVER CONCRETE BASE. DEMOLISH WOOD CONSTRUCTION DOWN TO EXISTING CONCRETE. AREA = APPROX. 467 SQ. FT.
	DEMOLISH RAISED FLOOR: FINISH GRADE HARDWOOD OVER FRAMING. AREA = APPROXIMATELY 493 SQ. FT.
	AREA OF EXISTING CONCRETE FLOOR SLAB TO BE REMOVED

DEMOLITION PLAN GENERAL NOTE
 1. REFER TO CIVIL AND UNDERGROUND UTILITY LOCATION COORDINATION PLAN A1.1 FOR ADDITIONAL INFORMATION.

BASEMENT FLOOR DEMOLITION PLAN
 3/16" = 1'-0"

REVISIONS THIS SHEET	
1	CHANGED DESIGNATION OF AREAS OF CONCRETE FLOOR SLAB REMOVAL.
2	CHANGED DESIGNATION OF AREAS TO RECEIVE NEW CONCRETE FLOOR SLAB.

DEMO EXISTING FLOOR SLAB IN THIS AREA TO ACCOMMODATE INSTALLATION OF NEW UNDERGROUND UTILITY LINES. SEE CIVIL PLANS AND UTILITY SERVICE COORDINATION PLAN FOR ADDITIONAL INFORMATION

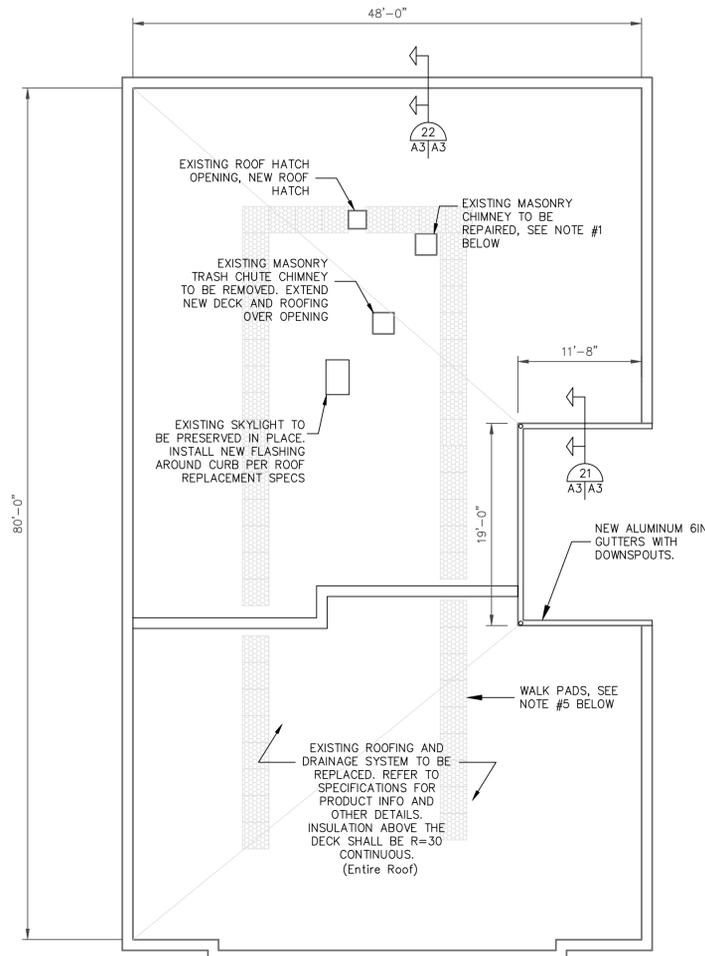


THESE SYMBOLS APPLY ONLY TO AREAS TO RECEIVE NEW CONCRETE FLOOR SLABS AS SHOWN ON THE BASEMENT FLOOR NEW SLAB PLAN

NEW SLAB PLAN - SYMBOLS KEY	
	AREAS TO RECEIVE NEW CONCRETE FLOOR SLAB
	NEW CONCRETE RAMP

FLOOR SLAB PLANS GENERAL NOTES:
 1. VERIFY QUANTITIES IN FIELD.
 2. CONCEALED CONDITIONS ARE ESTIMATED.

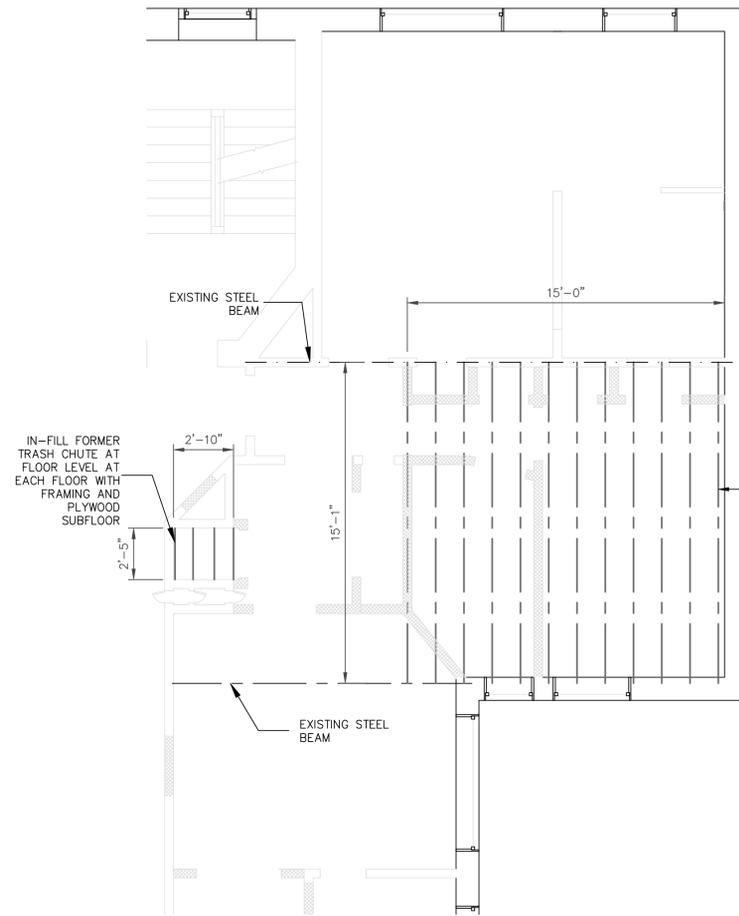
BASEMENT FLOOR, NEW SLAB PLAN
 3/16" = 1'-0"



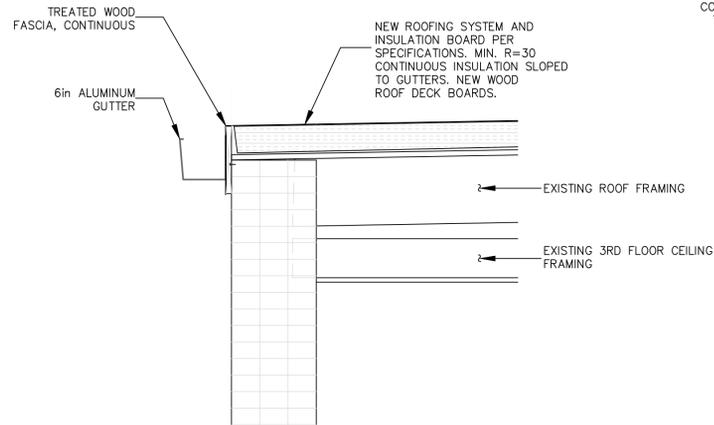
ROOF PLAN
1/8" = 1'-0"

ROOF PLAN AND SECTIONS GENERAL NOTES:

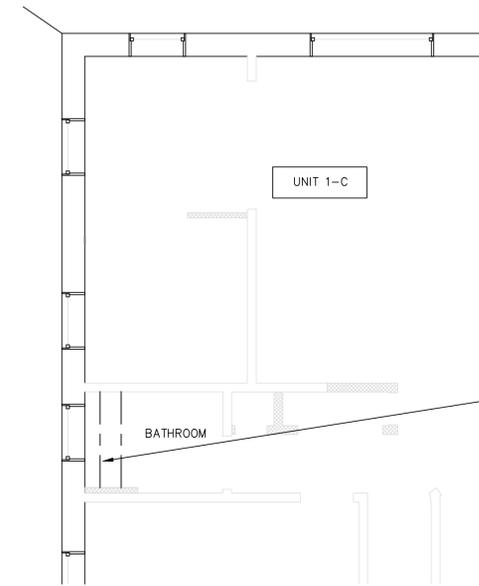
- RESTORE MASONRY CHIMNEYS IN ACCORDANCE WITH THE MASONRY RESTORATION AND CLEANING SPECIFICATIONS.
- REFER TO MECHANICAL DRAWINGS FOR ROOFTOP MECHANICAL EQUIPMENT AND VENT LOCATIONS. ALIGN NEW WALK PAD ROUTES TO ACCESS NEW HVAC EQUIPMENT.
- REFER TO SPECIFICATIONS FOR ADDITIONAL ROOFING SYSTEM REQUIREMENTS.
- CONCEALED EXISTING CONDITIONS BELOW ROOF DECK ARE ESTIMATED, TO BE VERIFIED IN FIELD.
- WALK PADS SHALL BE DURO-LAST ROOF-TRAK III, INSTALLED PER MANUFACTURER'S INSTRUCTIONS.



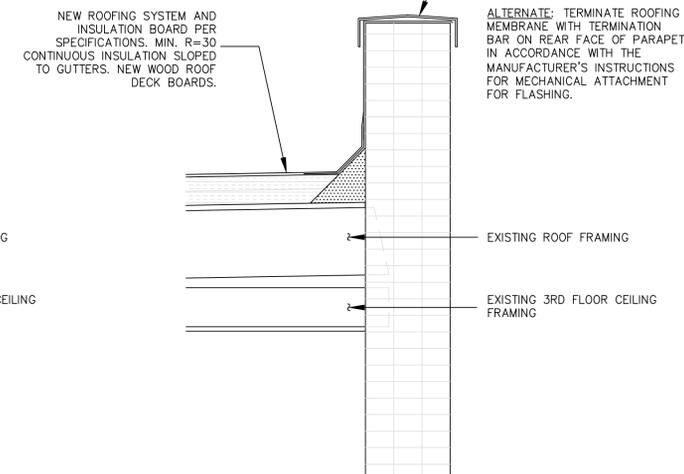
FLOOR FRAMING REPAIR PLAN – TYPICAL AT 1ST, 2ND AND 3RD FLOORS
1/4" = 1'-0"



SECTION THROUGH ROOF AT GUTTER
1" = 1'-0"



FLOOR FRAMING REPAIR UNDER TUBS IN BATHROOMS (TYP)
1/4" = 1'-0"

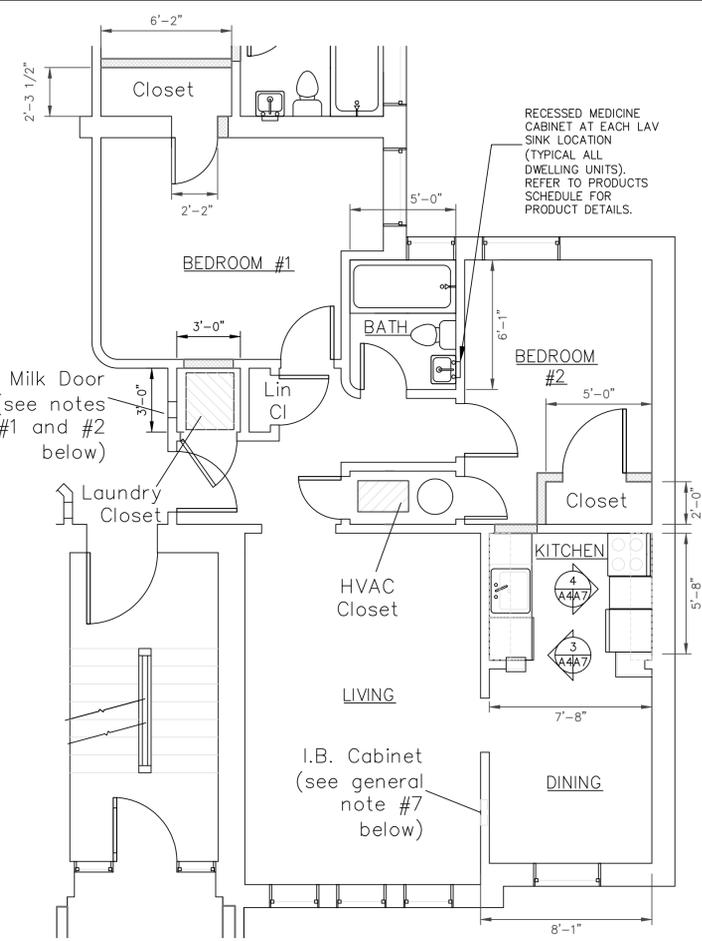


SECTION THROUGH ROOF AT PARAPET, SIMILAR AT FIRE WALL
1" = 1'-0"

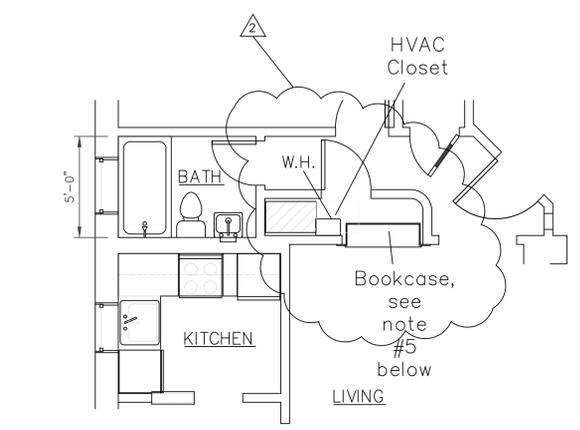
TYPICAL REPAIR AT BATHROOMS UNDER TUB IN ALL EXISTING BATHROOMS TO REMAIN: FOLLOWING REMOVAL OF PIPING, REPLACE ANY FLOOR JOISTS THAT ARE NOT INTACT BETWEEN BEARING POINTS, OR THAT ARE DETERIORATED OR DAMAGED. REPLACE WITH NEW WOOD JOISTS, MATCHING EXISTING SIZE AND BEARING FULLY ON STRUCTURE AT EACH END. MATCH EXISTING SPACING OR MAXIMUM 12" O.C., WHICHEVER SPACING IS LESS.

ISSUE DATES:

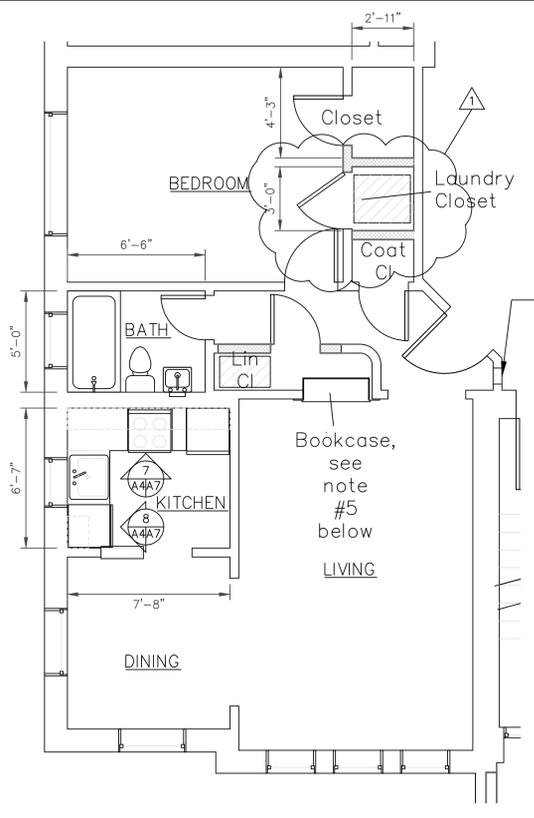
- ADDENDUM #1
MAR-28-2018
- ADDENDUM #2
OCT-1-2018
- ADDENDUM #3
JAN-10-2019
- BULLETIN #1
JAN-30-2019
- BULLETIN #2
FEB-26-2019



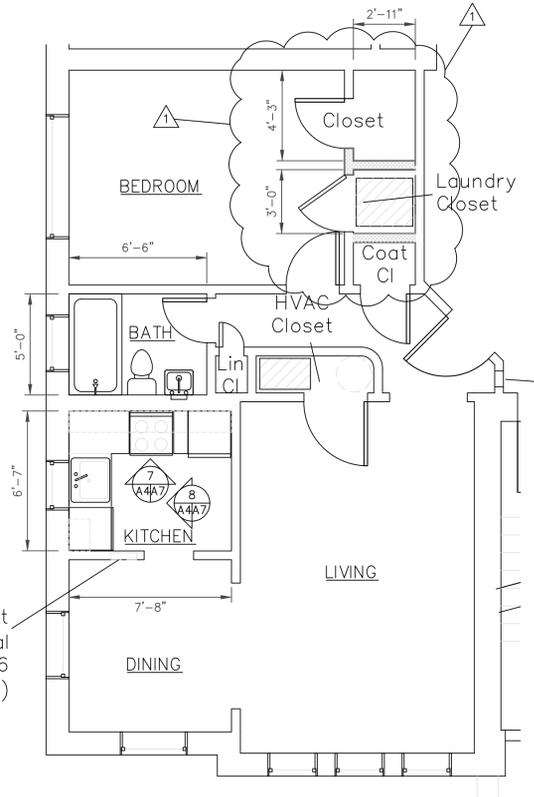
ENLARGED PROPOSED FLOOR PLAN -
UNIT TYPE A (1st, 2nd 3rd floors)
A1/A2/A4 1/4" = 1'-0"



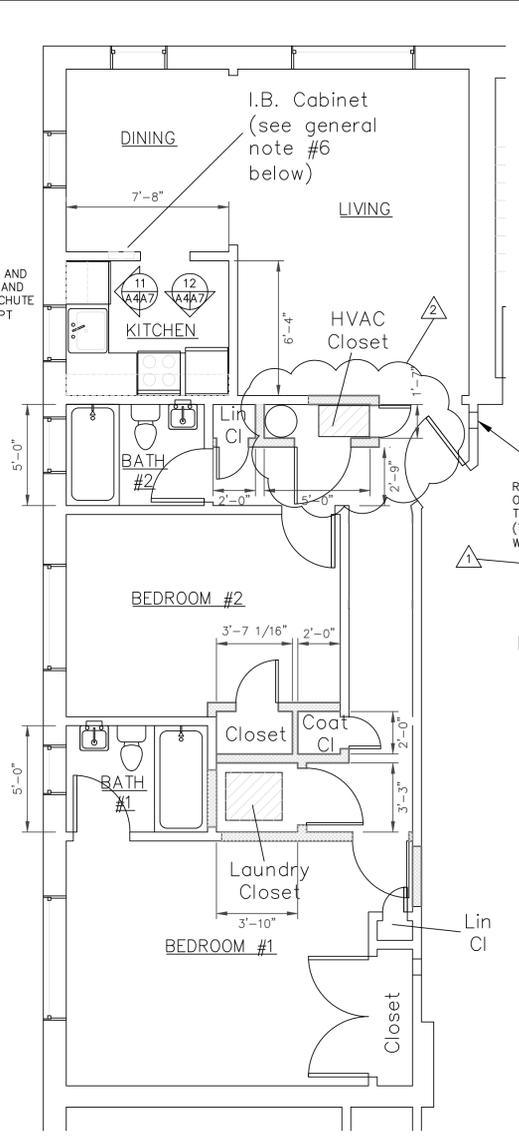
ENLARGED PROPOSED FLOOR PLAN AT HVAC CLOSET,
UNIT TYPE B - 1ST FL ONLY
A1/A2/A4 1/4" = 1'-0"



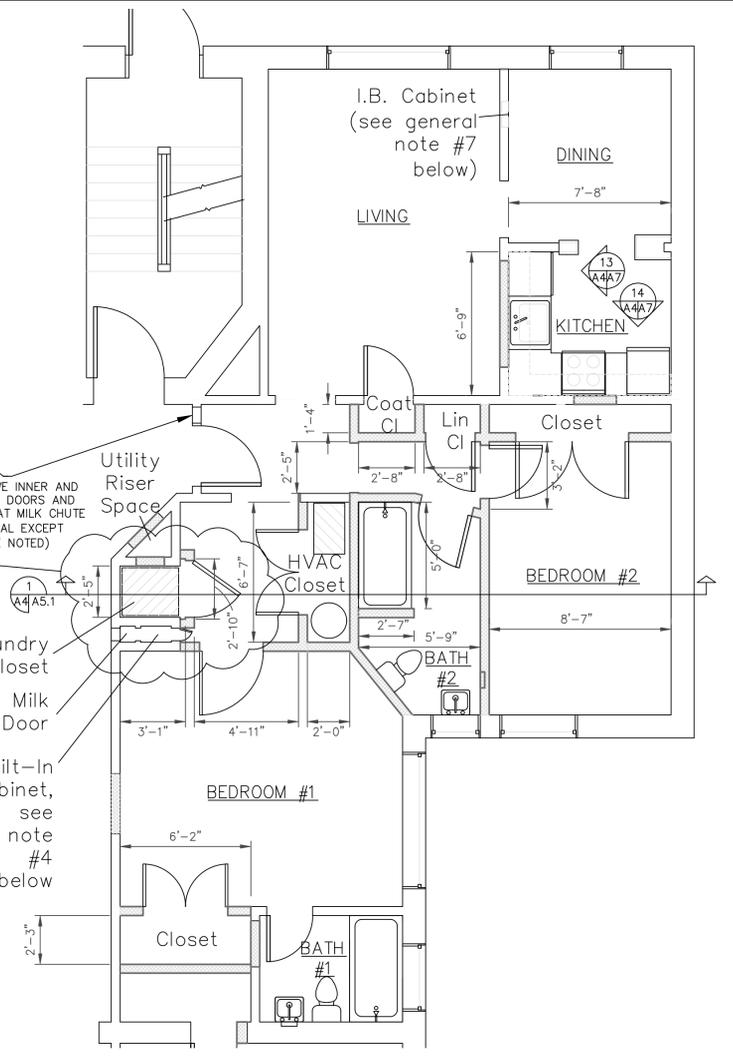
ENLARGED PROPOSED FLOOR PLAN -
UNIT TYPE B (1st floor only)
A1/A2/A4 1/4" = 1'-0"



ENLARGED PROPOSED FLOOR PLAN -
UNIT TYPE B (2nd and 3rd floors)
A1/A2/A4 1/4" = 1'-0"



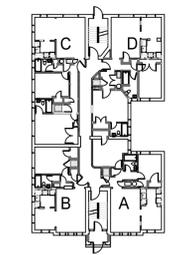
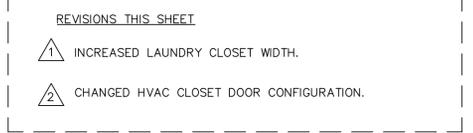
ENLARGED PROPOSED FLOOR PLAN -
UNIT TYPE C (1st, 2nd 3rd floors)
A1/A2/A4 1/4" = 1'-0"



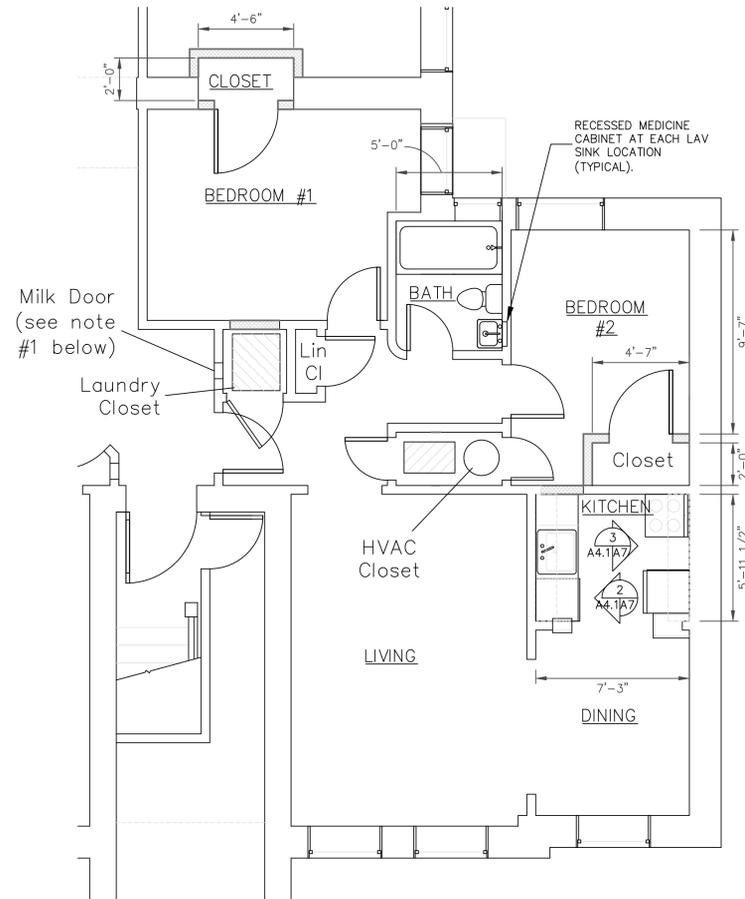
ENLARGED PROPOSED FLOOR PLAN -
UNIT TYPE D (1st, 2nd 3rd floors)
A1/A2/A4 1/4" = 1'-0"

GENERAL NOTES FOR ENLARGED PROPOSED PLANS:

1. REMOVE DOOR, FRAME AND TRIM ON APARTMENT UNIT INTERIOR SIDE AT EXISTING MILK DOORS/CHUTES. PRESERVE AND RESTORE/REFINISH EXISTING MILK DOOR/CHUTE DOORS AND FRAMES ON CORRIDOR SIDE. IN-FILL OPENINGS FLUSH WITH WALL ON APARTMENT UNIT SIDE WITH 5/8" GYPSUM BOARD ON 3 1/2" METAL STUD FRAMING (BOTH SIDES OF FRAMING) CONFORMING TO UL DESIGN #U-419 FOR 1-HOUR RATED CONSTRUCTION. SEE NOTE #4 BELOW FOR SPECIAL CONDITION AT UNIT TYPE "D".
2. EXISTING NICHE (INSTEAD OF MILK DOOR/CHUTE) AT 1ST FLOOR ONLY. REFINISH AND PRESERVE EXISTING PROFILE AND FEATURES INCLUDING SHELF AND TRIM.
3. UNIT 1-D IS DESIGNATED AS TYPE "B" ACCESSIBLE.
4. PRESERVE AND RESTORE BUILT-IN CABINET AT FORMER MILK CHUTE AT UNIT TYPE "D", INCLUDING DOOR, TRIM AND HARDWARE.
5. PRESERVE AND REFINISH BUILT-IN BOOKCASE. FINISH PER FINISH SCHEDULE.
6. PRESERVE IRONING BOARD CABINET SHELL AND DOOR, REMOVING INTERIOR WORKING PARTS. REPLICATE FRAMING AND TRIM AROUND CABINET WHERE REMOVED. REFINISH DOOR. INSTALL NEW DOOR HARDWARE.
7. REMOVE IRONING BOARD CABINET DOOR AND TRIM.
8. WALL-MOUNTED WATER HEATER REQUIRED FOR ALTERNATE FLOOR PLAN AT HVAC CLOSET, UNIT TYPE "B", 1ST FLOOR ONLY.



KEY PLAN
1/32" = 1'-0"

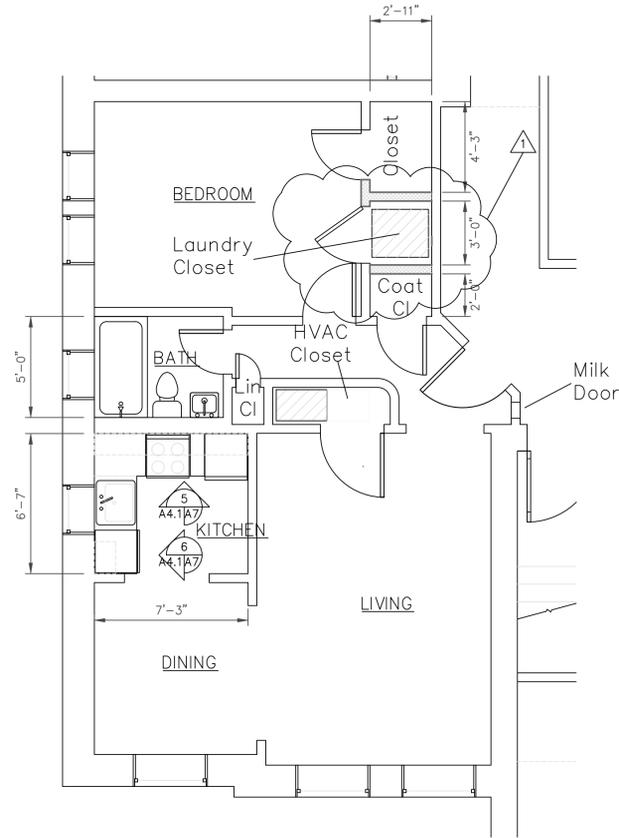


ENLARGED PROPOSED FLOOR PLAN -
UNIT TYPE A - BASEMENT

A1/A2/A4 1/4" = 1'-0"

GENERAL NOTE FOR ENLARGED PROPOSED PLAN:
1. REMOVE DOOR, FRAME AND TRIM AT EXISTING MILK DOOR/CHUTE.

REVISIONS THIS SHEET	
①	INCREASED WIDTH OF LAUNDRY CLOSET.
②	CHANGED HVAC CLOSET DOOR CONFIGURATION.

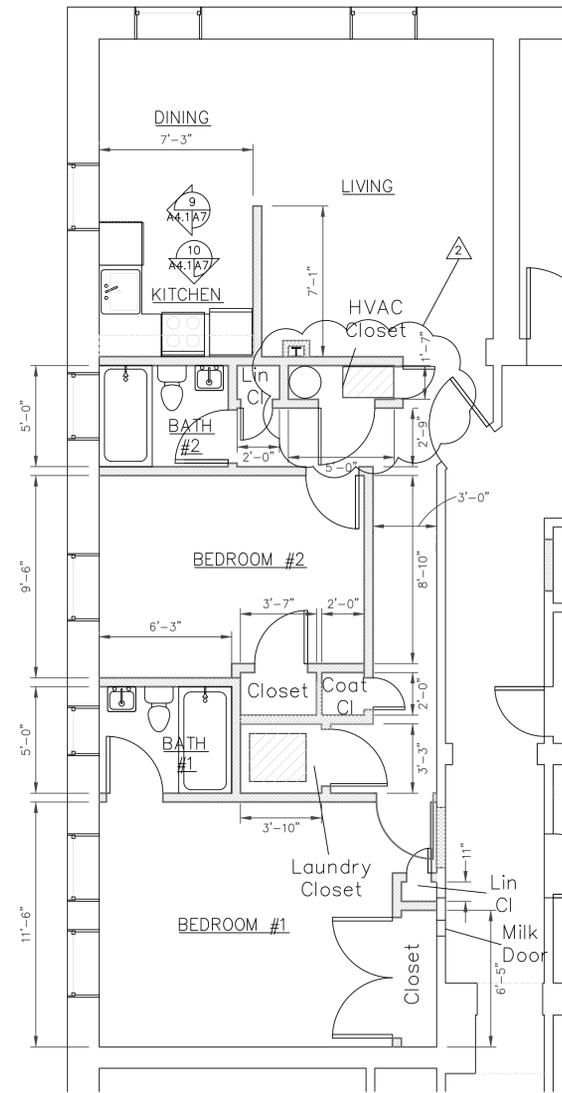


ENLARGED PROPOSED FLOOR PLAN -
UNIT TYPE B - BASEMENT

A1/A2/A4 1/4" = 1'-0"

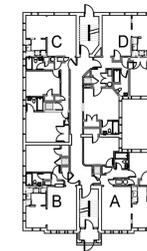
GENERAL NOTES FOR ENLARGED PROPOSED PLANS:

1. REMOVE DOOR, FRAME AND TRIM ON APARTMENT UNIT INTERIOR SIDE AT EXISTING MILK DOORS/CHUTES. PRESERVE AND RESTORE/REFINISH EXISTING MILK DOOR/CHUTE DOORS AND FRAMES ON CORRIDOR SIDE. IN-FILL OPENINGS FLUSH WITH WALL ON APARTMENT UNIT SIDE WITH 5/8" GYPSUM BOARD ON 3 1/2" METAL STUD FRAMING (BOTH SIDES OF FRAMING) CONFORMING TO UL DESIGN #U-419 FOR 1-HOUR RATED CONSTRUCTION.
2. EXISTING NICHE (INSTEAD OF MILK DOOR/CHUTE) AT 1ST FLOOR ONLY. REFINISH AND PRESERVE EXISTING PROFILE AND FEATURES INCLUDING SHELF AND TRIM.
3. UNIT 1-D IS DESIGNATED AS TYPE "B" ACCESSIBLE.
4. NOTE NUMBER NOT USED.
5. PRESERVE AND REFINISH BUILT-IN BOOKCASE. FINISH PER FINISH SCHEDULE.
6. PRESERVE IRONING BOARD CABINET SHELL AND DOOR. REMOVING INTERIOR WORKING PARTS. REPLICATE FRAMING AND TRIM AROUND CABINET WHERE REMOVED. REFINISH DOOR. INSTALL NEW DOOR HARDWARE.
7. REMOVE IRONING BOARD CABINET DOOR AND TRIM.
8. WALL-MOUNTED WATER HEATER REQUIRED FOR ALTERNATE FLOOR PLAN AT HVAC CLOSET, UNIT TYPE 'B', 1ST FLOOR ONLY.



ENLARGED PROPOSED FLOOR PLAN -
UNIT TYPE C - BASEMENT

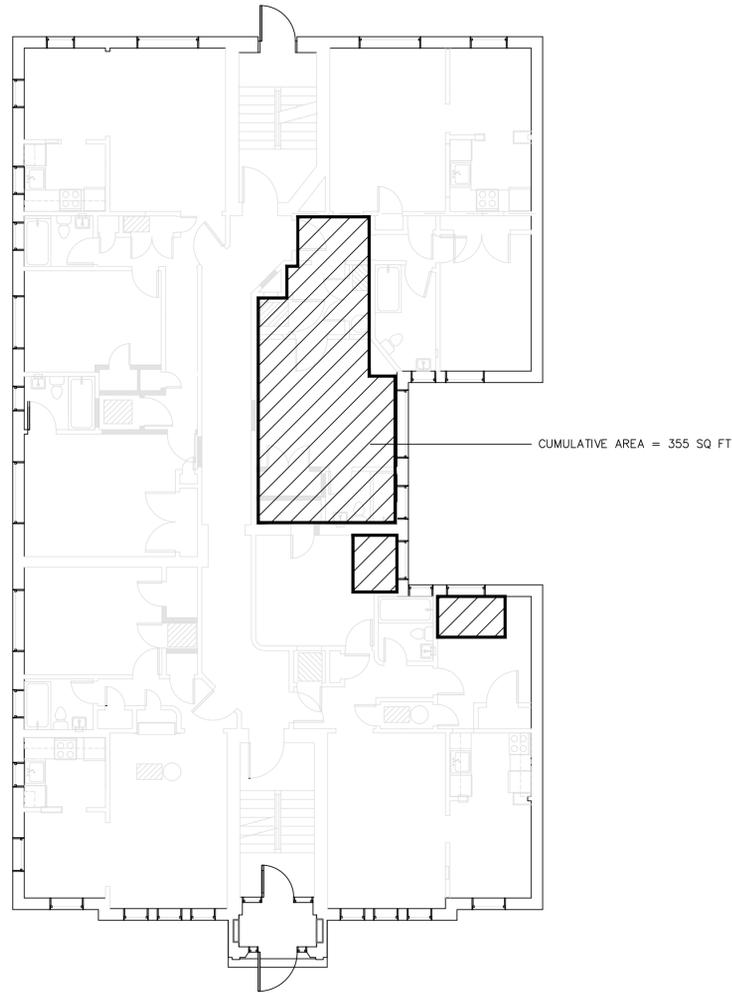
A1/A2/A4 1/4" = 1'-0"



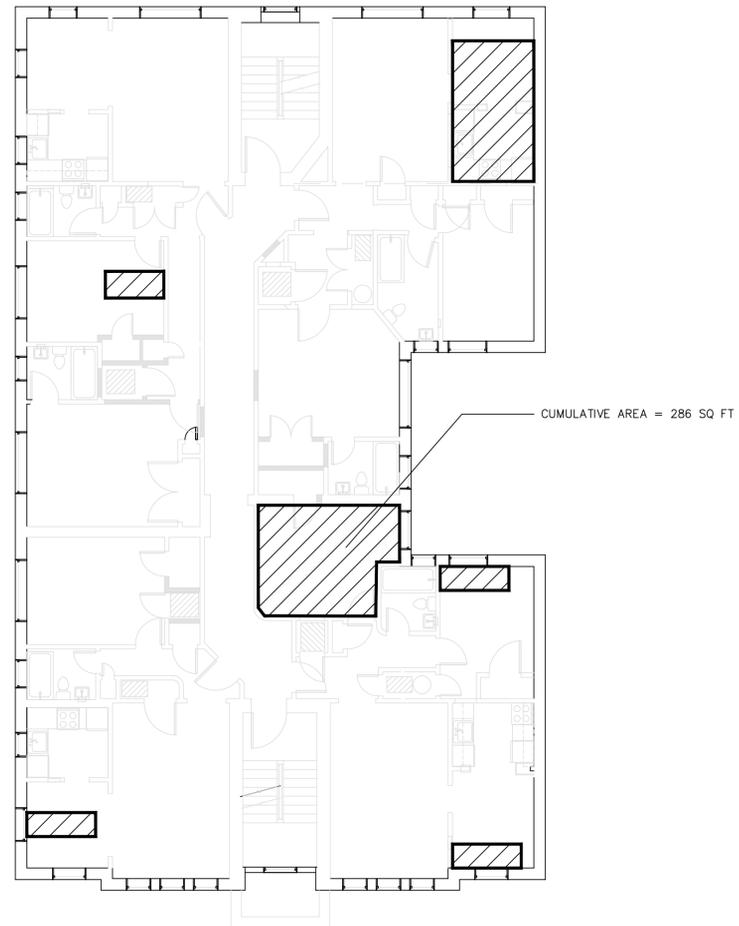
KEY PLAN
1/32" = 1'-0"

ISSUE DATES:

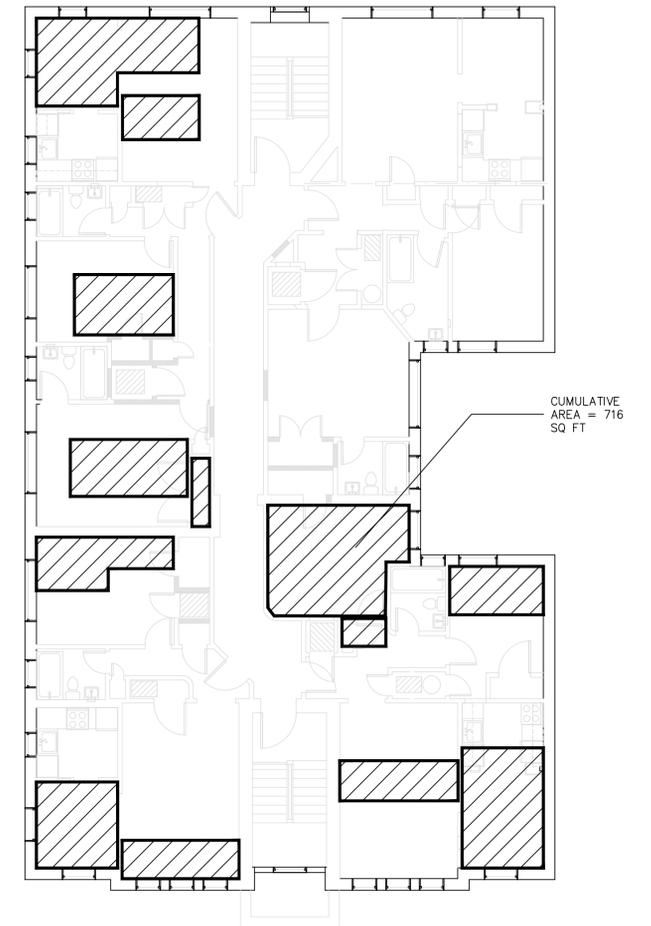
- ADDENDUM #1
MAR-28-2018
- ADDENDUM #2
OCT-1-2018
- ADDENDUM #3
JAN-10-2019
- BULLETIN #2
FEB-26-2019
- BULLETIN #3
MAR-25-2019



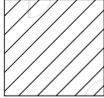
1st FLOOR, HARDWOOD FLOORING PATCH LOCATIONS
 1/4" = 1'-0"

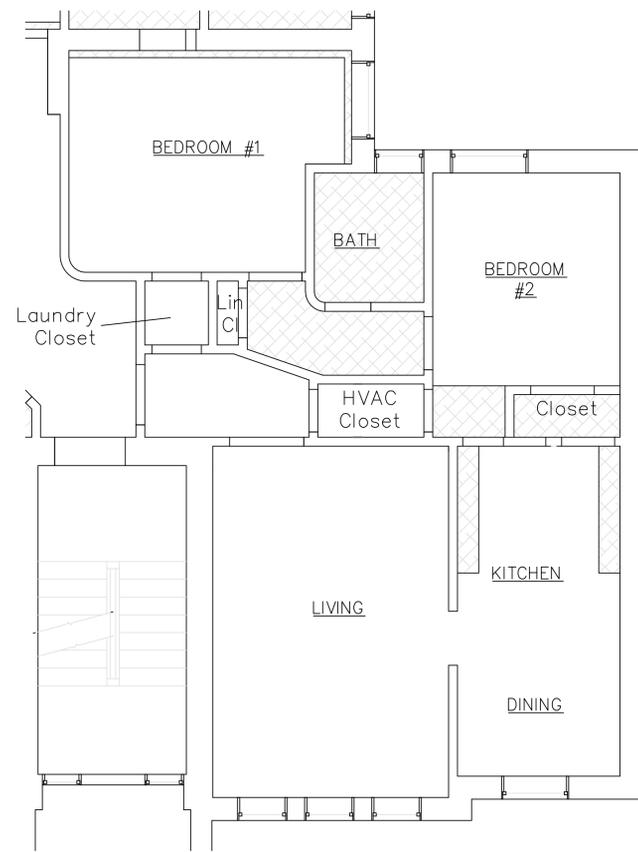


2nd FLOOR, HARDWOOD FLOORING PATCH LOCATIONS
 1/4" = 1'-0"



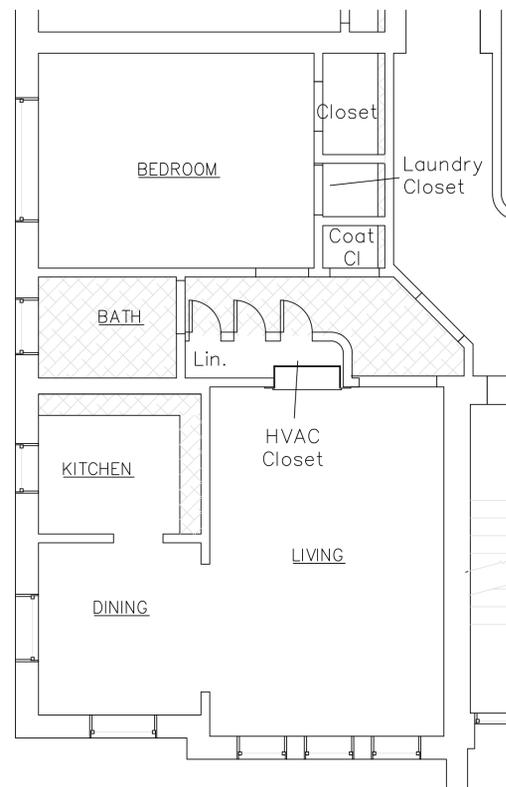
3rd FLOOR, HARDWOOD FLOORING PATCH LOCATIONS
 1/4" = 1'-0"

PLAN SYMBOLS	
	AREAS OF EXISTING HARDWOOD FLOORING TO BE REMOVED AND PATCHED WITH PLYWOOD OR OSB FLUSH WITH EXISTING ADJACENT FLOORING SURFACE. PRESERVE EXISTING HARDWOOD FLOORING TO REMAIN, PROTECT FROM DAMAGE.



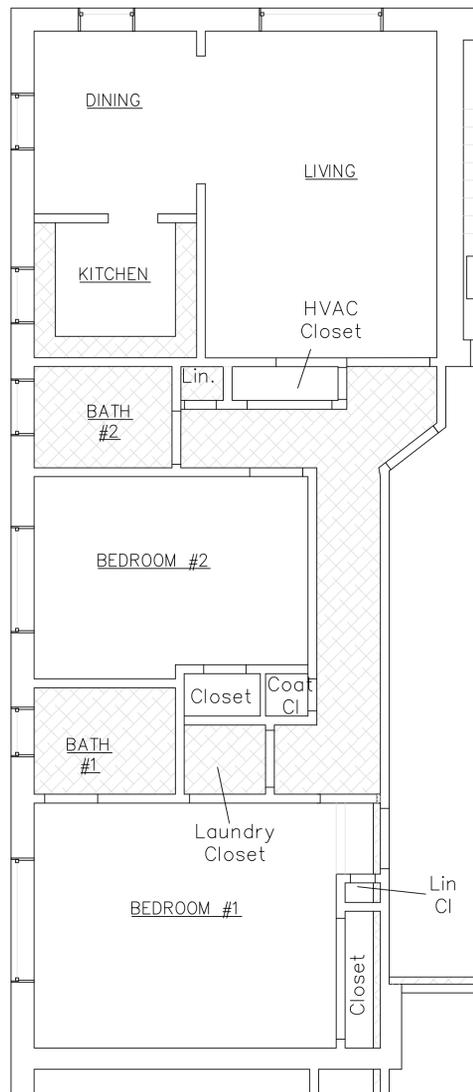
PROPOSED REFLECTED CEILING PLAN –
UNIT TYPE A, 1ST, 2ND, 3RD FLOORS

1/4" = 1'-0"
SIM. AT BASEMENT



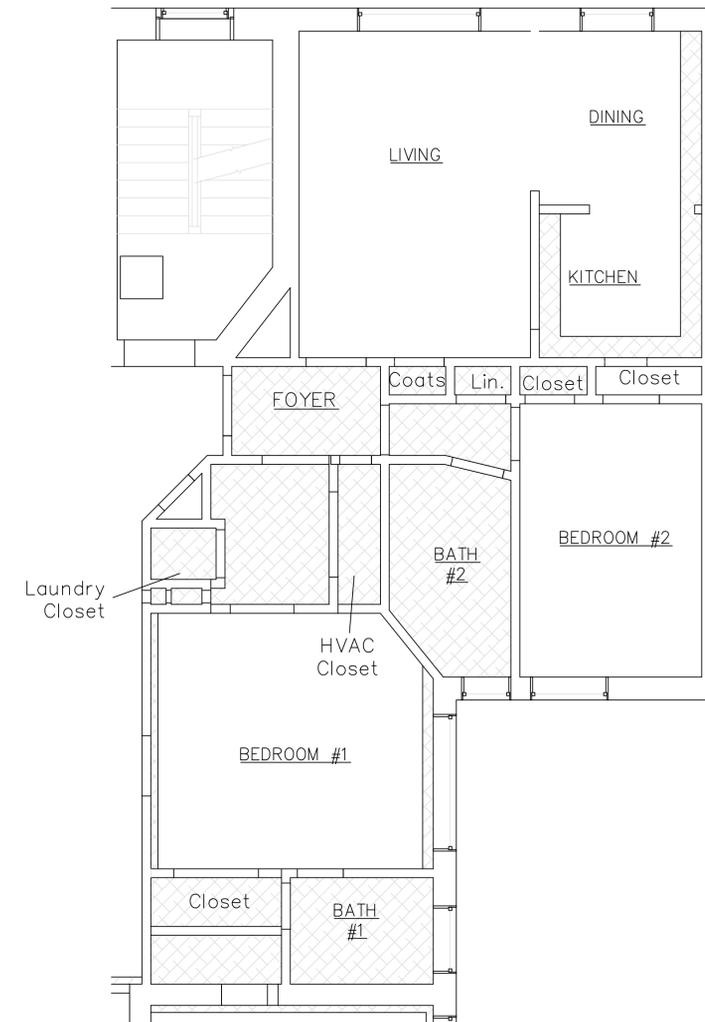
PROPOSED REFLECTED CEILING PLAN –
UNIT TYPE B, 2ND, 3RD FLOORS

1/4" = 1'-0"



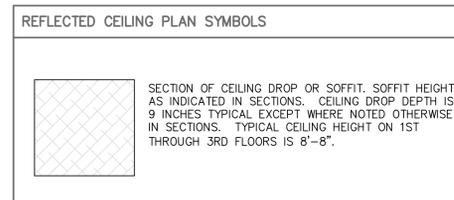
PROPOSED REFLECTED CEILING PLAN –
UNIT TYPE C, 1ST, 2ND, 3RD FLOORS

1/4" = 1'-0"



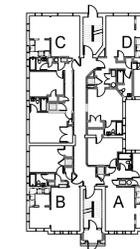
PROPOSED REFLECTED CEILING PLAN –
UNIT TYPE D, 1ST, 2ND, 3RD FLOORS

1/4" = 1'-0"

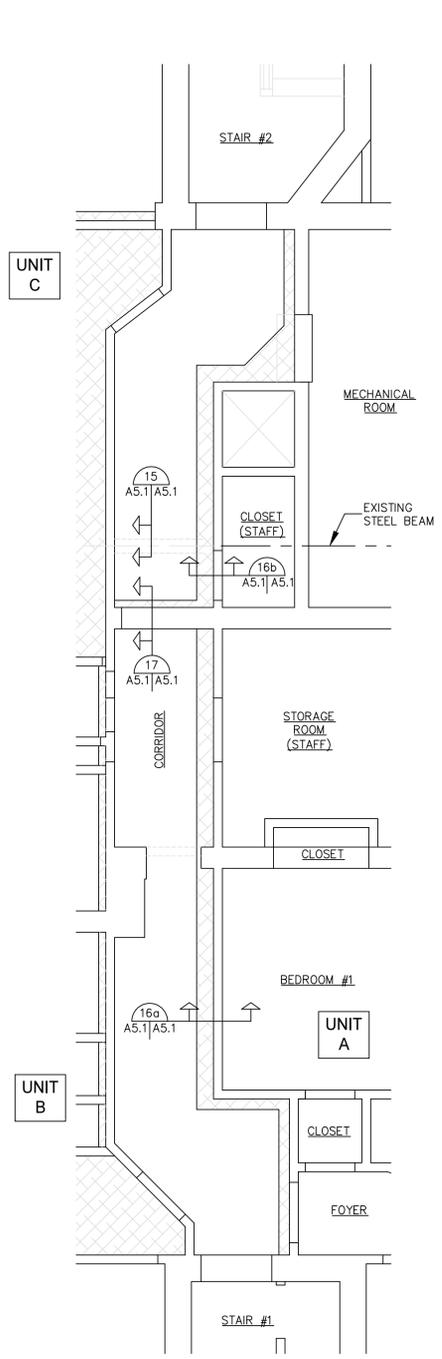


CEILING PLAN LOCATION BY UNIT/SHEET

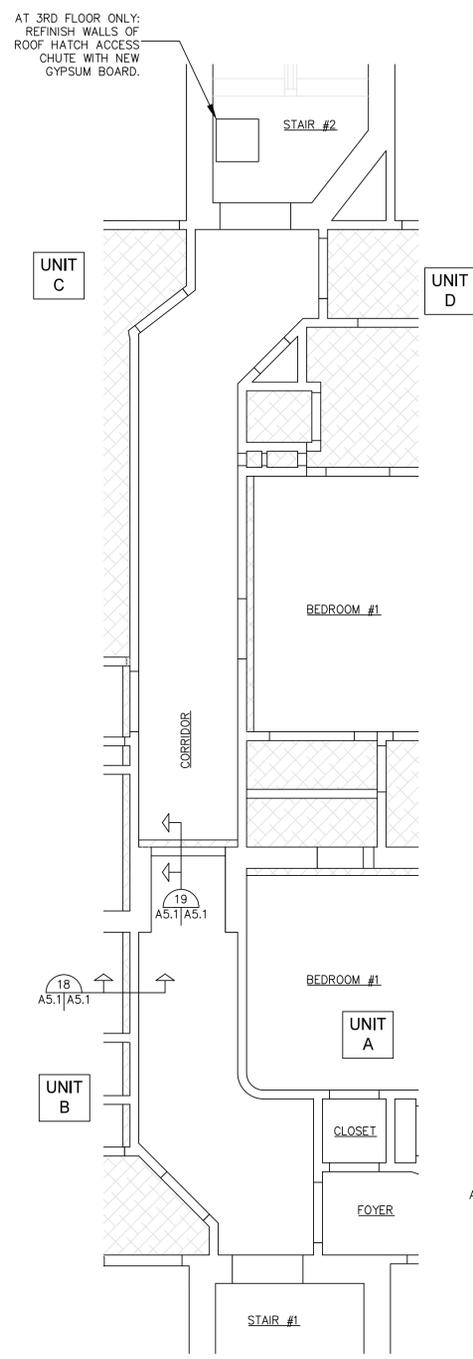
	B	1ST FL	2ND FL	3RD FL
UNIT A	A5.5	A5	A5	A5
UNIT B	A5.5	A5.5	A5	A5
UNIT C	A5.5	A5	A5	A5
UNIT D	N/A	A5	A5	A5
CORRIDORS	A5.1	A5.1	A5.1	A5.1



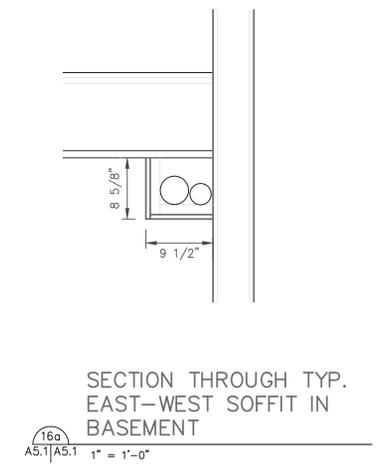
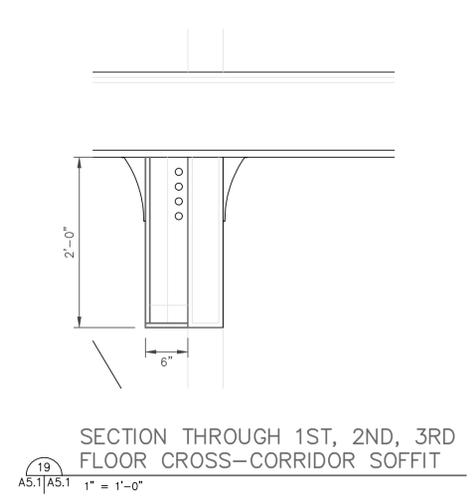
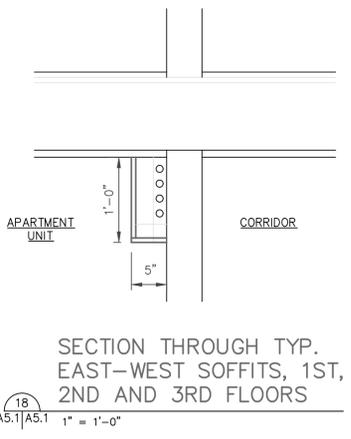
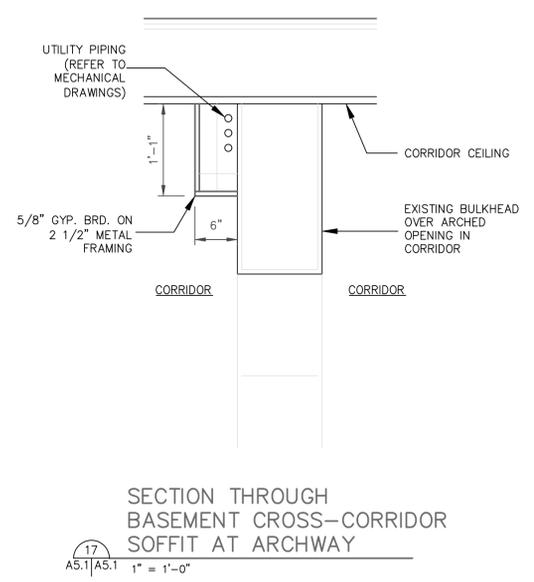
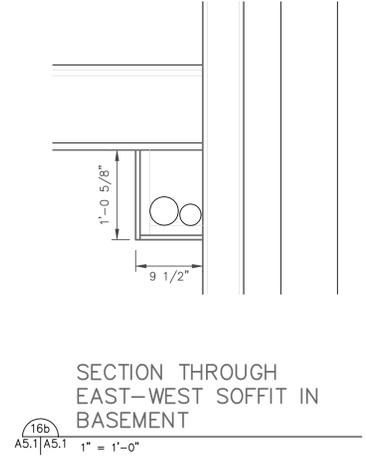
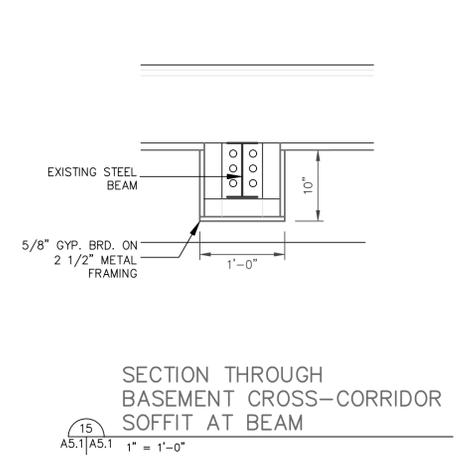
KEY PLAN
1/32" = 1'-0"



PROPOSED REFLECTED CEILING PLAN -
BASEMENT CORRIDOR
1/4" = 1'-0"



PROPOSED REFLECTED CEILING PLAN -
1ST, 2ND AND 3RD FLOOR CORRIDOR
1/4" = 1'-0"

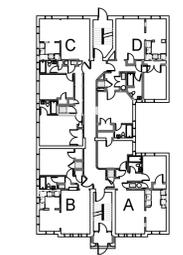


REFLECTED CEILING PLAN SYMBOLS

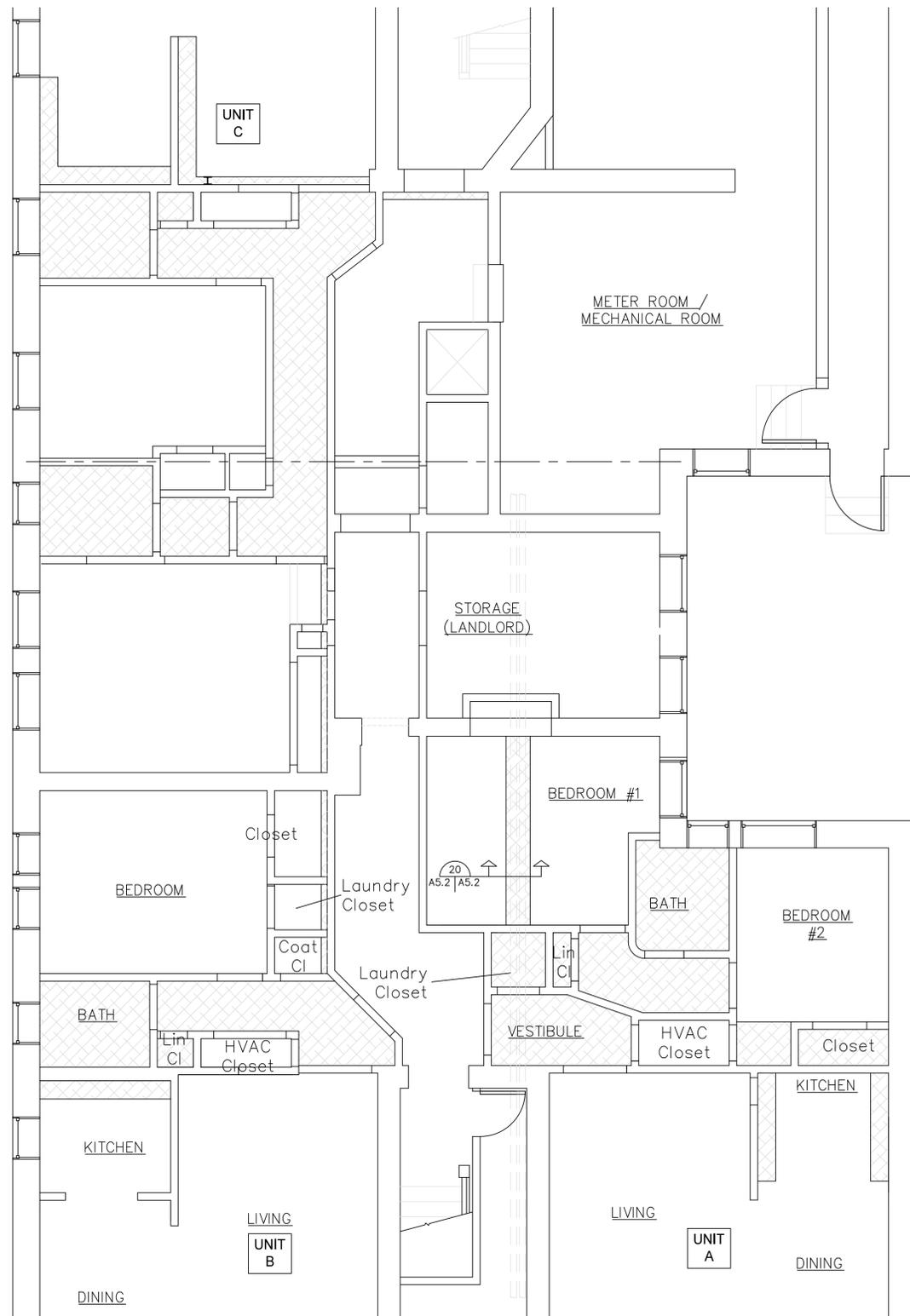
	SECTION OF CEILING DROP OR SOFFIT. SOFFIT HEIGHT AS INDICATED IN SECTIONS. CEILING DROP DEPTH IS 9 INCHES TYPICAL EXCEPT WHERE NOTED OTHERWISE IN SECTIONS. TYPICAL CEILING HEIGHT ON 1ST THROUGH 3RD FLOORS IS 8'-8".
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CEILING PLAN LOCATION BY UNIT/SHEET

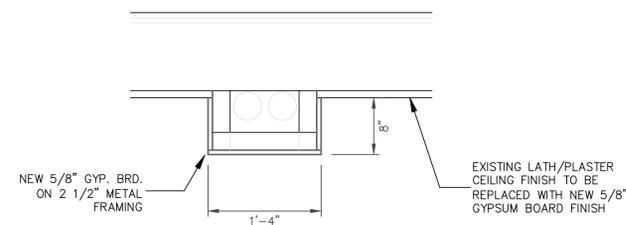
	B	1ST FL	2ND FL	3RD FL
UNIT A	A5.5	A5	A5	A5
UNIT B	A5.5	A5.5	A5	A5
UNIT C	A5.5	A5	A5	A5
UNIT D	N/A	A5	A5	A5
CORRIDORS	A5.1	A5.1	A5.1	A5.1



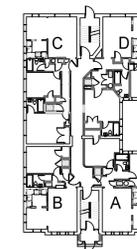
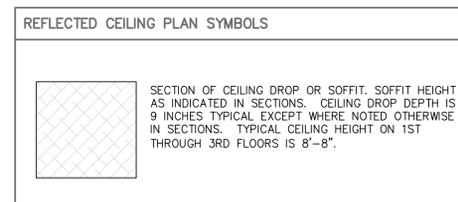
KEY PLAN
1/32" = 1'-0"



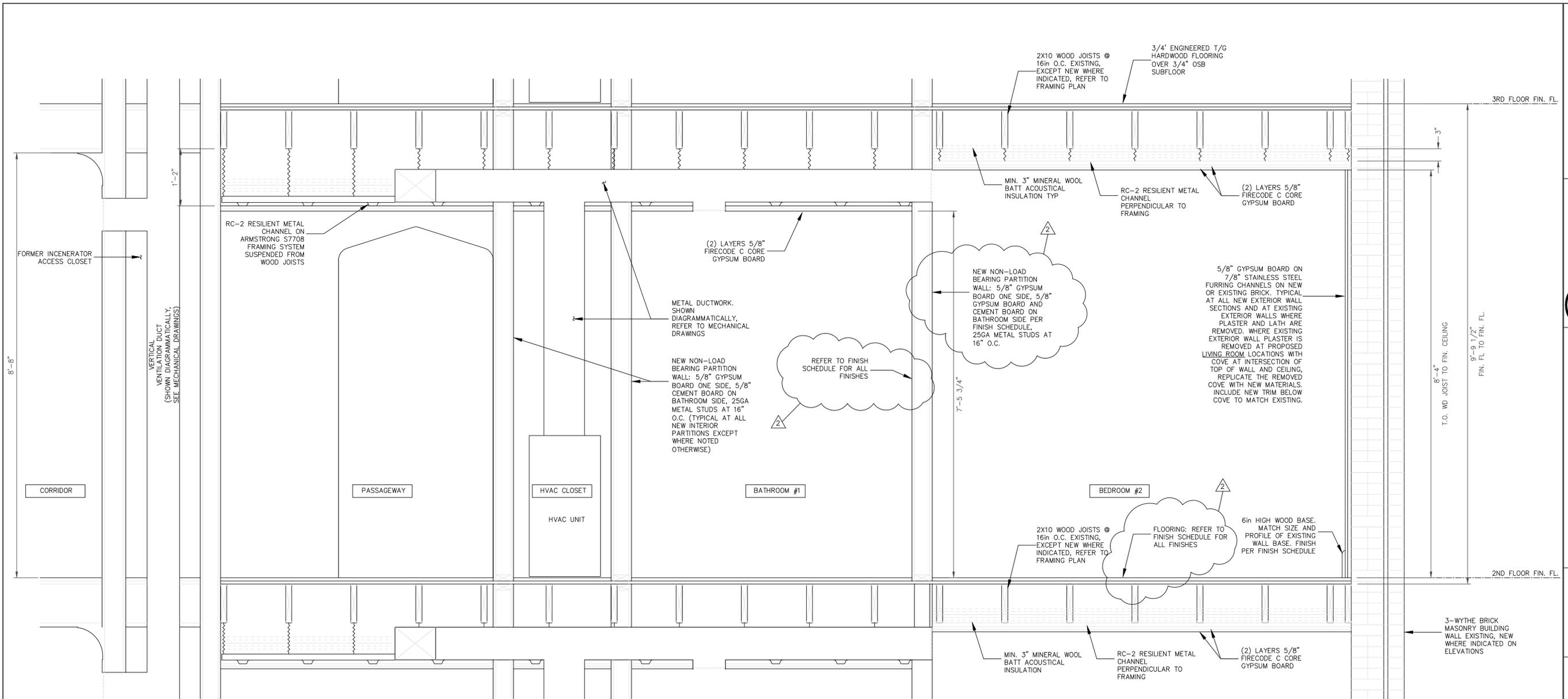
ALTERANTE PROPOSED REFLECTED
CEILING PLAN - BASEMENT
1/4" = 1'-0"



SECTION THROUGH NEW SOFFIT
IN BASEMENT UNIT "A"
20
A5.2 | A5.2
1" = 1'-0"



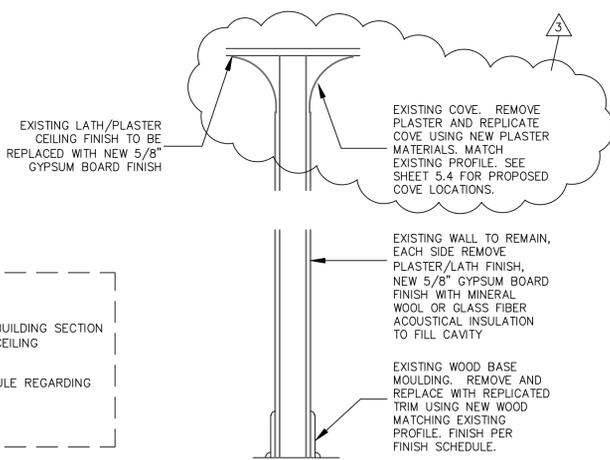
KEY PLAN
1/32" = 1'-0"



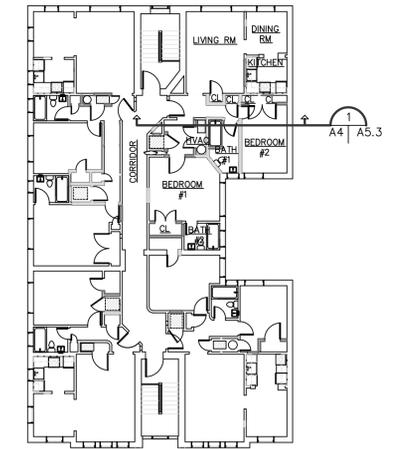
PARTIAL BUILDING SECTION AT CEILING DROPS
 THIS SECTION ONLY APPLIES AT AREAS OF FLOOR/CEILING ASSEMBLY RE-CONSTRUCTION.

- BUILDING SECTION GENERAL NOTES:**
- FLOOR/CEILING ASSEMBLY CONFORMS TO UL DESIGN #541 FOR 2-HOUR ASSEMBLY (1-HOUR REQUIRED) AND FOR AN STC RATING OF 59 (MIN. STC 50 REQUIRED), REQUIRED BETWEEN FLOORS ONLY.
 - FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION FLOORING MATERIALS, INCLUDING ACCESSORIES.
 - FLOORING MATERIAL SHALL HAVE A CLASS I OR CLASS II RATING, AS SPECIFIED.
 - FOLLOW ASTM C754 FOR INSTALLATION OF GYPSUM BOARD CEILING FRAMING.
 - SIMILAR AT AREAS OTHER THAN SECTIONS OF NEW FRAMING, OMIT NEW WALL CONSTRUCTION.
 - NEW GYPSUM BOARD SHALL BE "TYPE-X" OR "FIRE-CODE" OR OTHER FIRE RATED CLASSIFIED PRODUCT.

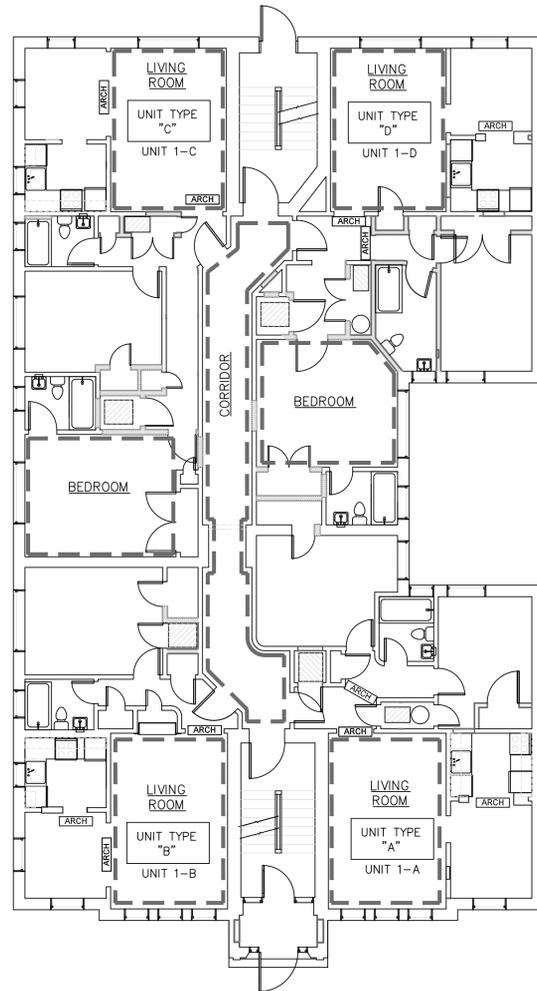
- REVISIONS THIS SHEET**
- 1. ADDED NOTE TO CLARIFY THAT THE PARTIAL BUILDING SECTION ONLY APPLIES TO AREAS WHERE THE FLOOR/CEILING ASSEMBLY IS BEING REPLACED.
 - 2. ADDED NOTE TO REFER TO THE FINISH SCHEDULE REGARDING ALL FINISHES.
 - 3. REVISED NOTE REGARDING CEILING COVES.



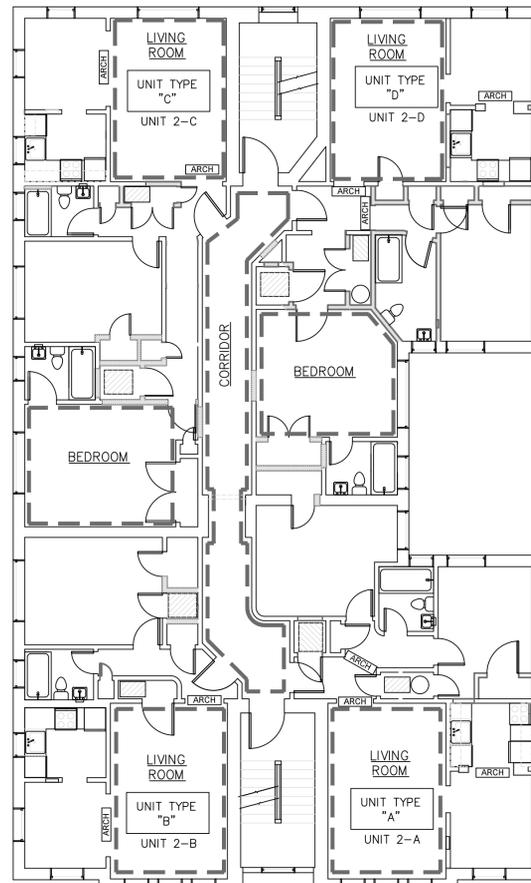
TYPICAL SECTION AT EXISTING INTERIOR WALL TO BE RE-FINISHED
 1/16" = 1'-0"



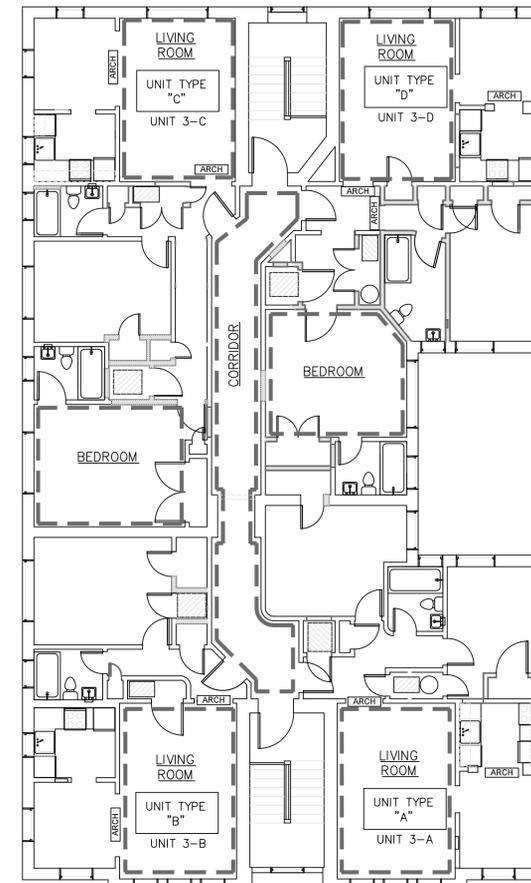
2ND FLOOR KEY PLAN
 1/16" = 1'-0"



CEILING COVES AND ARCH LOCATIONS,
1ST FLOOR
1/8" = 1'-0"



CEILING COVES AND ARCH LOCATIONS,
2ND FLOOR
1/8" = 1'-0"

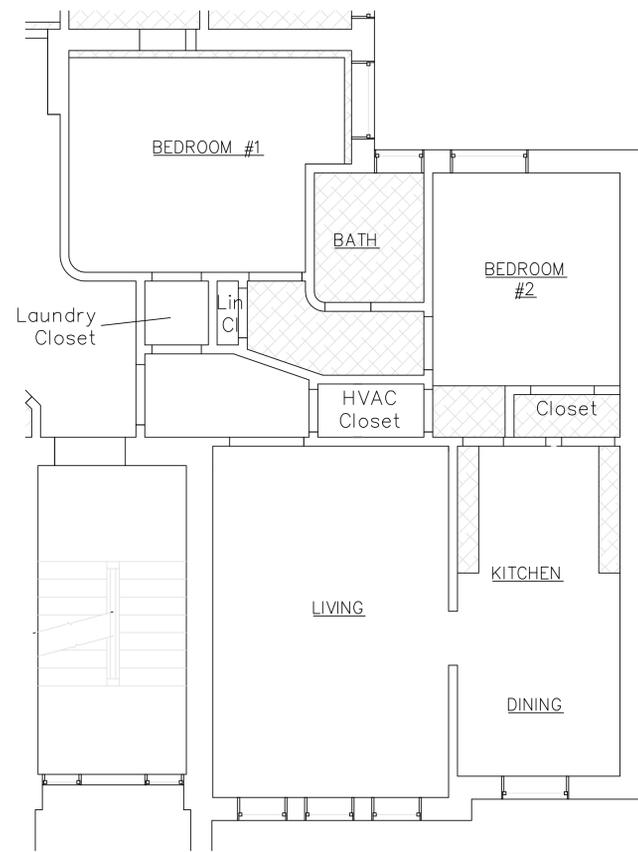


CEILING COVES AND ARCH LOCATIONS,
3RD FLOOR
1/8" = 1'-0"

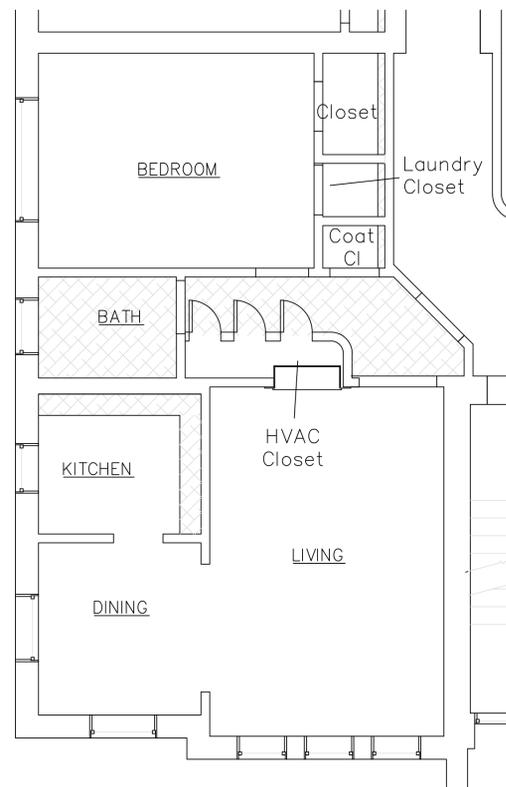
PLAN SYMBOLS

AREAS OF EXISTING PLASTER COVES AT WALL/CEILING INTERSECTION. REPLICATE EXISTING COVES WHERE REMOVED AT EXISTING/PROPOSED LIVING ROOM SPACES AND CORRIDORS. MATCH SIZE AND PROFILE OF EXISTING COVES, INCLUDING TRIM.

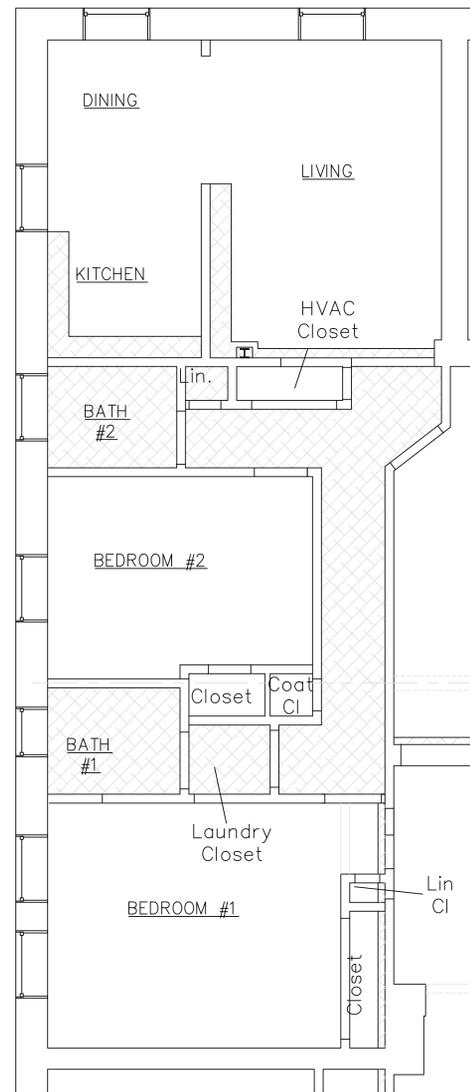
INDICATES LOCATION OF EXISTING CURVED OR POINTED PLASTER ARCHWAY ABOVE OPENING TO BE REPLICATED WHERE REMOVED. MATCH SIZE AND PROFILE OF EXISTING ARCHES.



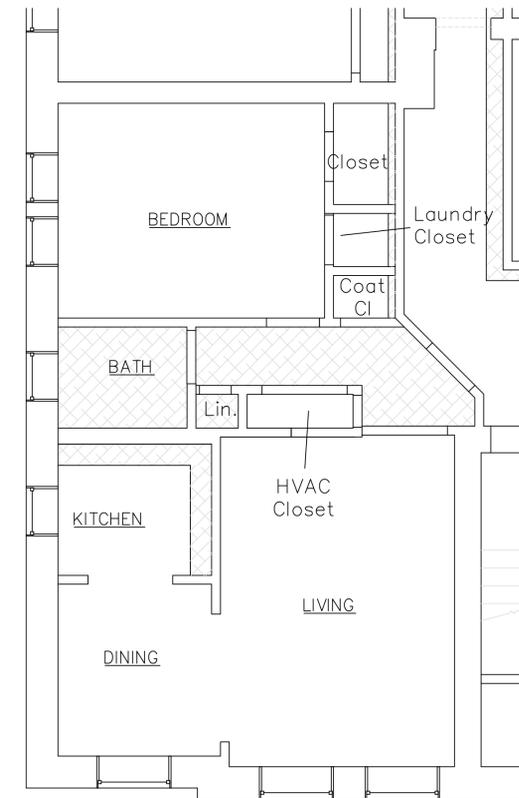
PROPOSED REFLECTED CEILING PLAN –
UNIT TYPE A, BASEMENT
1/4" = 1'-0"
SIM. AT BASEMENT



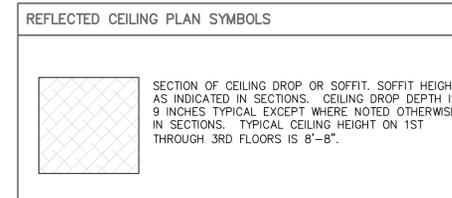
PROPOSED REFLECTED CEILING PLAN –
UNIT TYPE B, 1ST FLOOR
1/4" = 1'-0"



PROPOSED REFLECTED CEILING PLAN –
UNIT TYPE C, BASEMENT
1/4" = 1'-0"

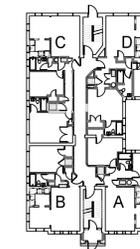


PROPOSED REFLECTED CEILING PLAN –
UNIT TYPE B, BASEMENT
1/4" = 1'-0"

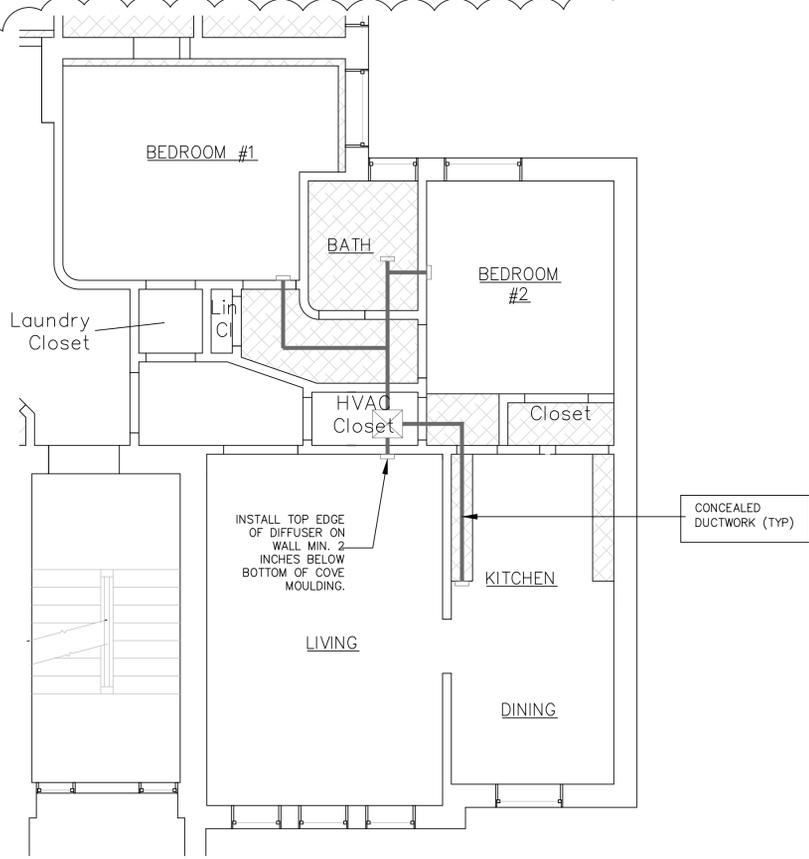


CEILING PLAN LOCATION BY UNIT/SHEET

	B	1ST_FL	2ND_FL	3RD_FL
UNIT A	A5.5	A5	A5	A5
UNIT B	A5.5	A5.5	A5	A5
UNIT C	A5.5	A5	A5	A5
UNIT D	N/A	A5	A5	A5
CORRIDORS	A5.1	A5.1	A5.1	A5.1

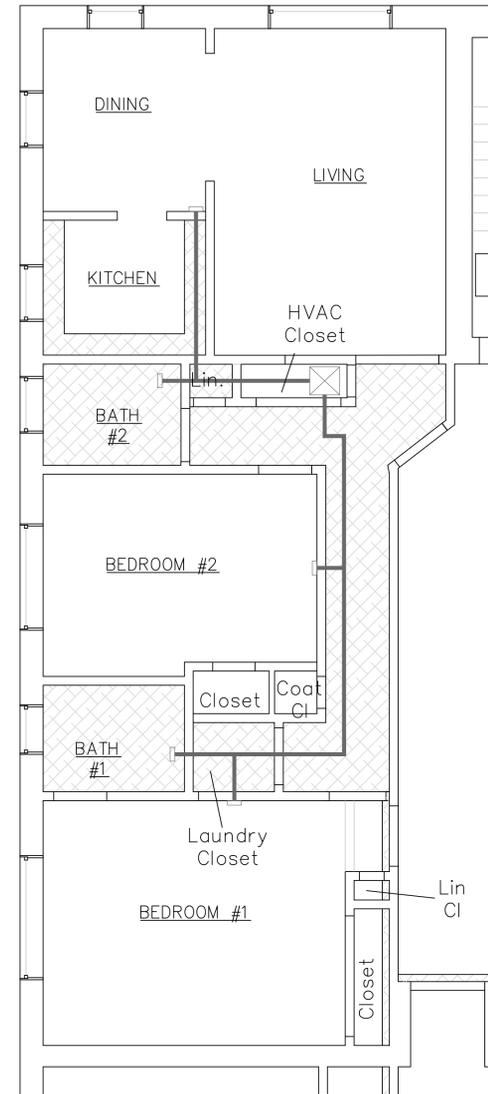


KEY PLAN
1/32" = 1'-0"



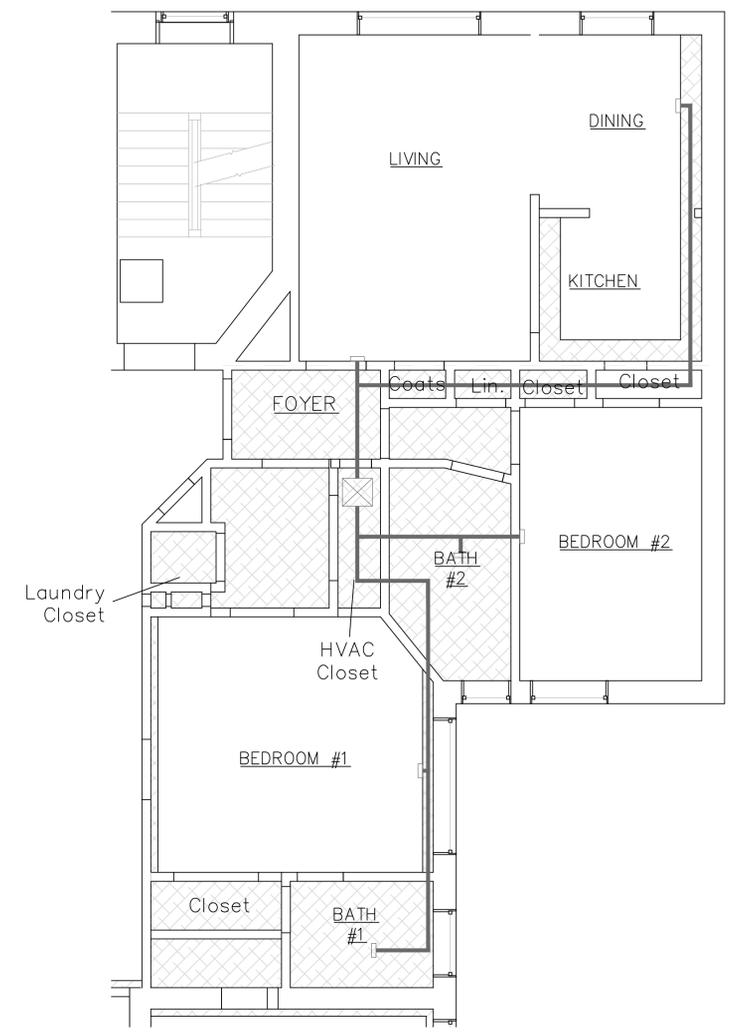
PROPOSED REFLECTED CEILING PLAN – UNIT TYPE A, 1ST, 2ND, 3RD FLOORS

1/4" = 1'-0"
SIM. AT BASEMENT



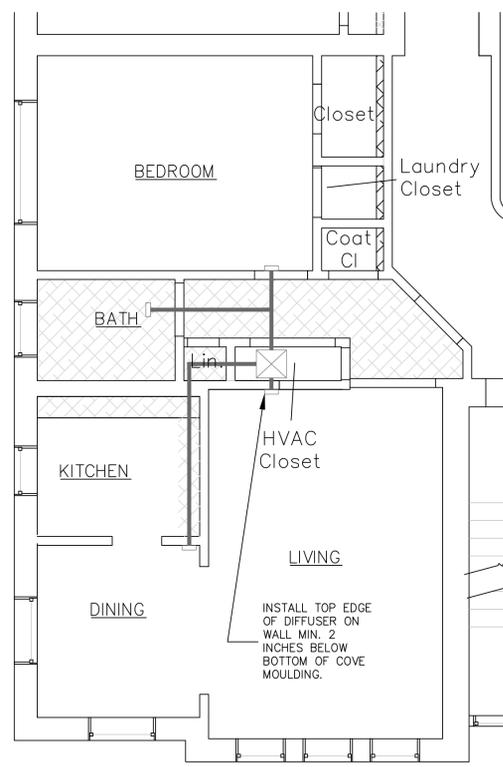
PROPOSED REFLECTED CEILING PLAN – UNIT TYPE C, 1ST, 2ND, 3RD FLOORS

1/4" = 1'-0"



PROPOSED REFLECTED CEILING PLAN – UNIT TYPE D, 1ST, 2ND, 3RD FLOORS

1/4" = 1'-0"

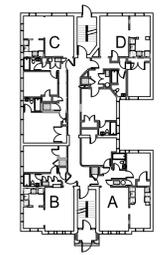


PROPOSED REFLECTED CEILING PLAN – UNIT TYPE B, 2ND, 3RD FLOORS

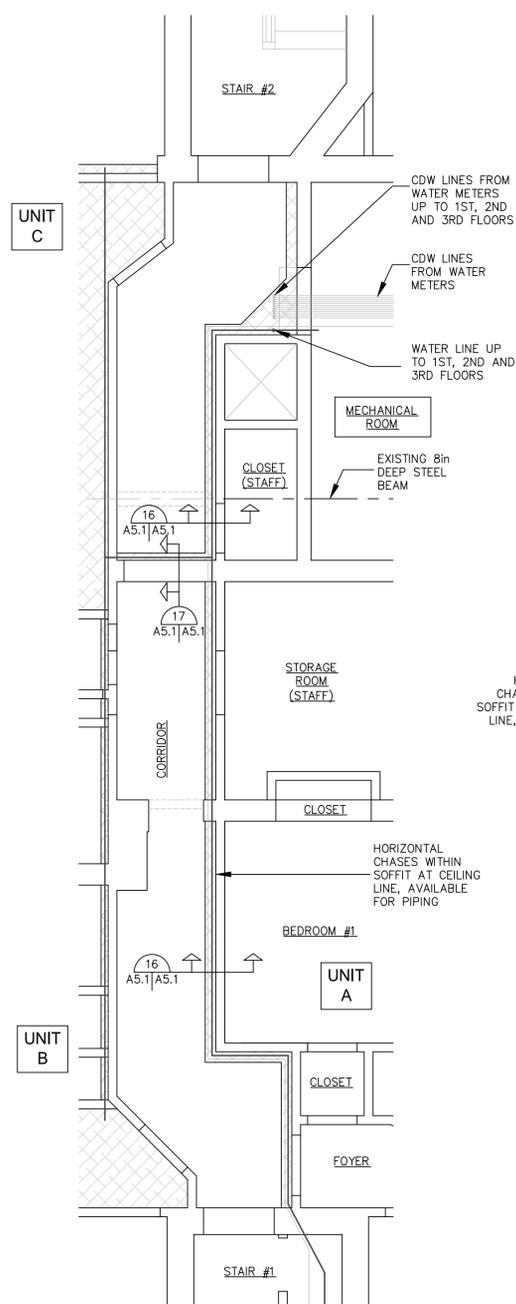
1/4" = 1'-0"
SIMILAR AT 1ST FLOOR

REFLECTED CEILING PLAN SYMBOLS	
	SECTION OF CEILING DROP OR SOFFIT. SOFFIT HEIGHT AS INDICATED IN SECTIONS. CEILING DROP DEPTH IS 9 INCHES TYPICAL EXCEPT WHERE NOTED OTHERWISE IN SECTIONS. TYPICAL CEILING HEIGHT ON 1ST THROUGH 3RD FLOORS IS 8'-8".

REVISIONS THIS SHEET	
	ADDED OVERLAY TO SHOW AVAILABLE DUCTWORK ROUTES WITHIN ENCLOSED HORIZONTAL SOFFIT CHASES.

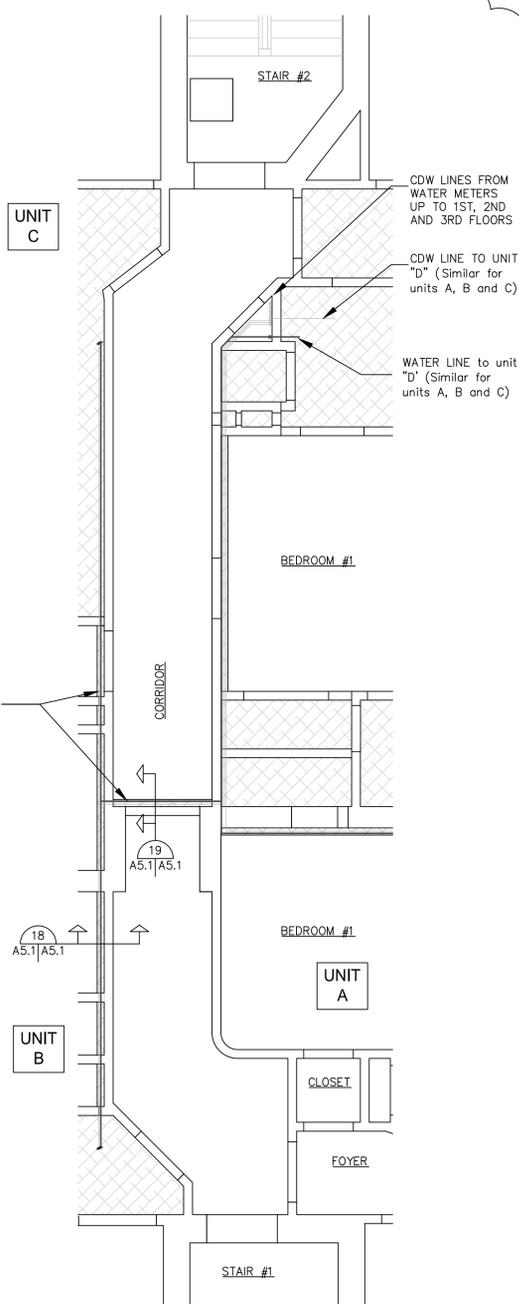


KEY PLAN
1/32" = 1'-0"



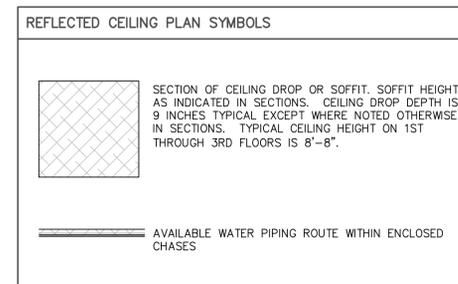
REFLECTED CEILING PLAN, AVAILABLE PIPING CHASES, BASEMENT CORRIDOR

1/4" = 1'-0"



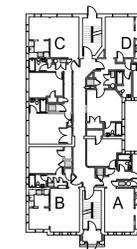
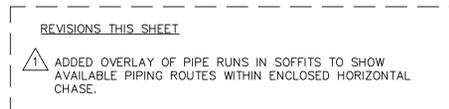
REFLECTED CEILING PLAN, AVAILABLE PIPING CHASES, 1ST, 2ND AND 3RD FLOORS

1/4" = 1'-0"

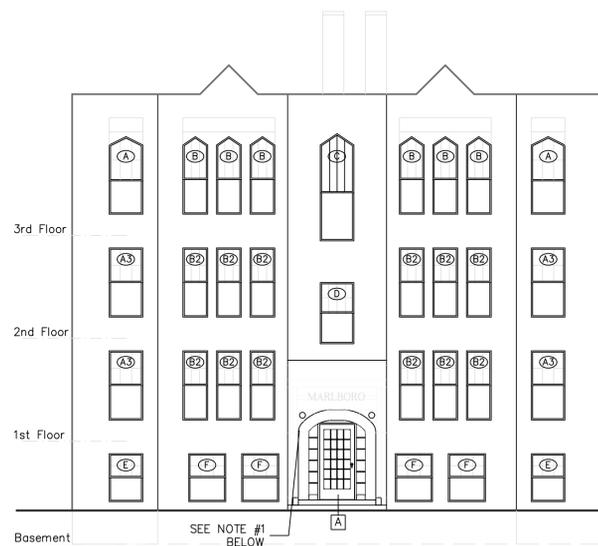


REFLECTED CEILING PLAN GENERAL NOTES:

1. REFER TO PLUMBING DRAWINGS FOR PIPING REQUIREMENTS.
2. REFER TO FIRE SUPPRESSION SYSTEM DRAWINGS FOR SUPPRESSION SYSTEM REQUIREMENTS.



KEY PLAN
1/32" = 1'-0"

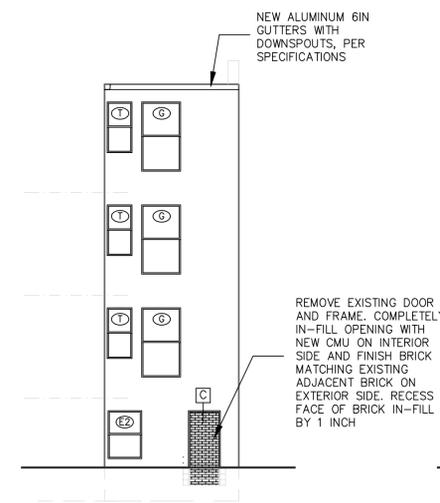


E BUILDING ELEVATION – EAST
 A1/A6 1/4" = 1'-0"

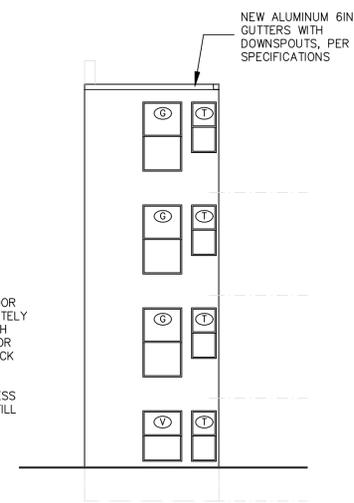
BUILDING ELEVATION – EAST, GENERAL NOTE:
 1. REMOVE EXISTING LIGHT FIXTURES AND REPLACE WITH NEW. REFER TO PRODUCTS SCHEDULE FOR FIXTURE DETAILS.



W BUILDING ELEVATION – WEST
 A1/A6 1/8" = 1'-0"



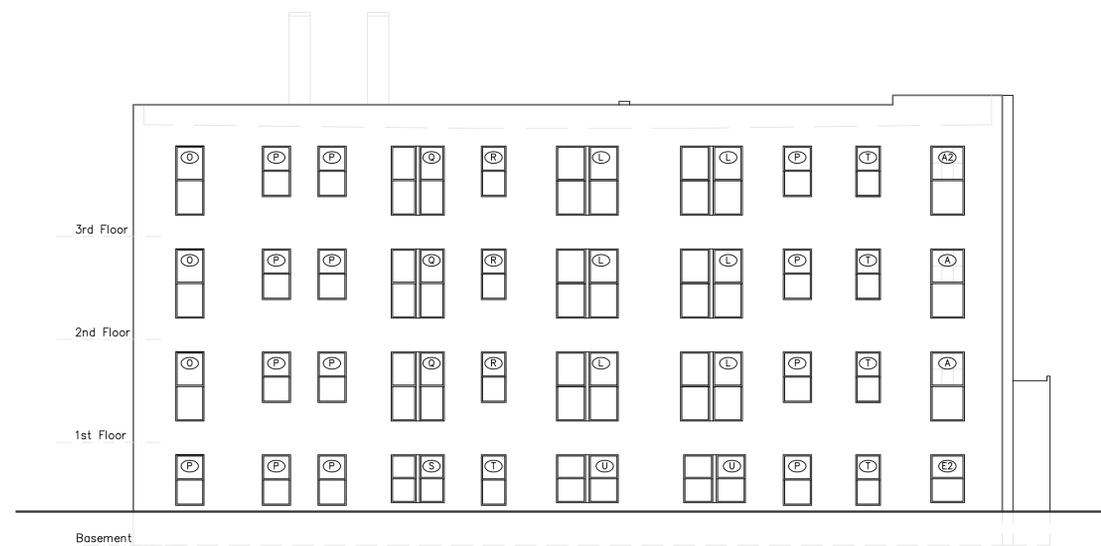
E2 BUILDING ELEVATION – EAST AT COURTYARD
 A1/A6 1/8" = 1'-0"



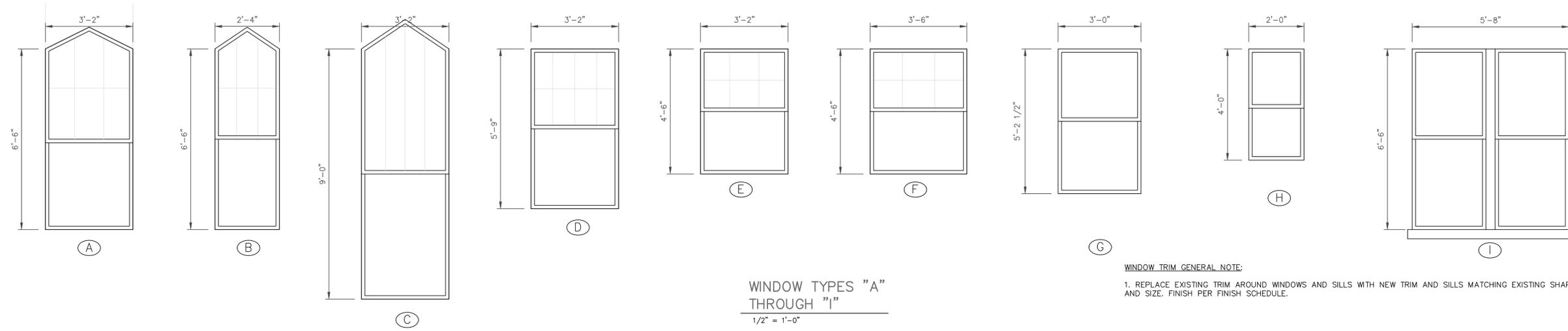
W BUILDING ELEVATION – WEST AT COURTYARD
 A1/A6 1/8" = 1'-0"



N BUILDING ELEVATION – NORTH
 A1/A6 1/4" = 1'-0"

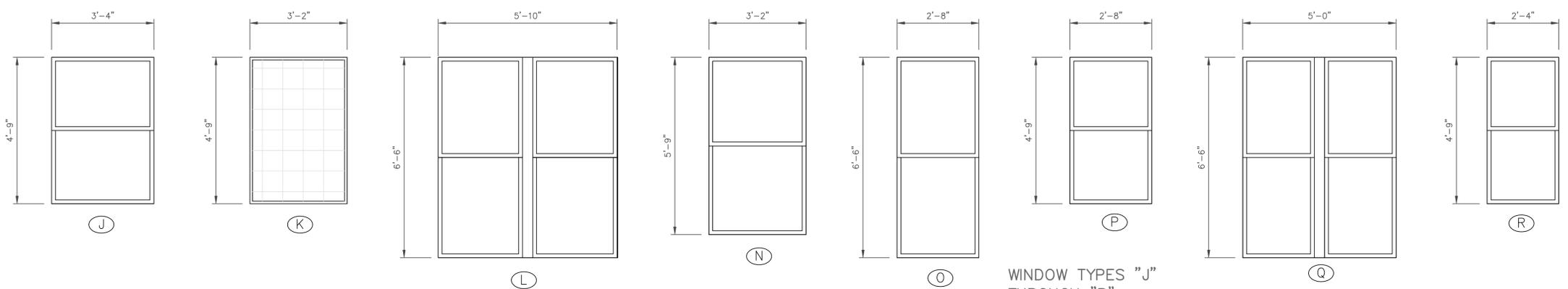


S BUILDING ELEVATION – SOUTH
 A1/A1 1/8" = 1'-0"

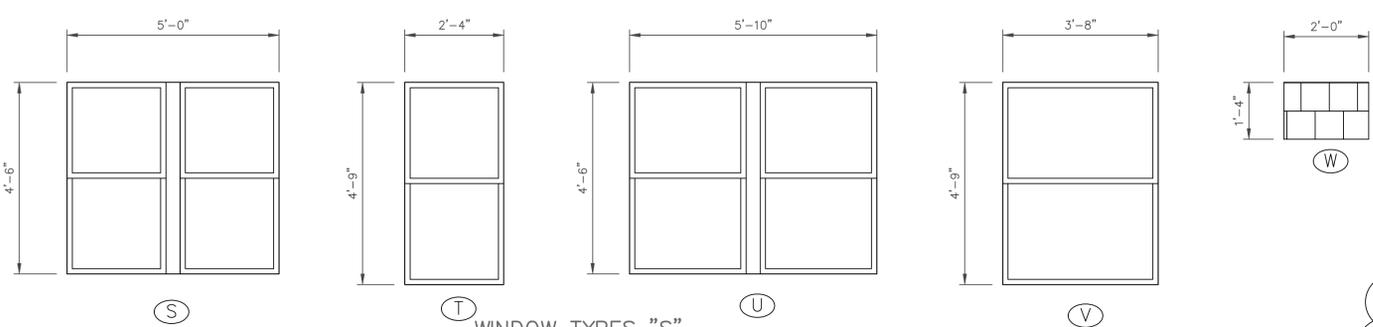


WINDOW TYPES "A" THROUGH "I"
1/2" = 1'-0"

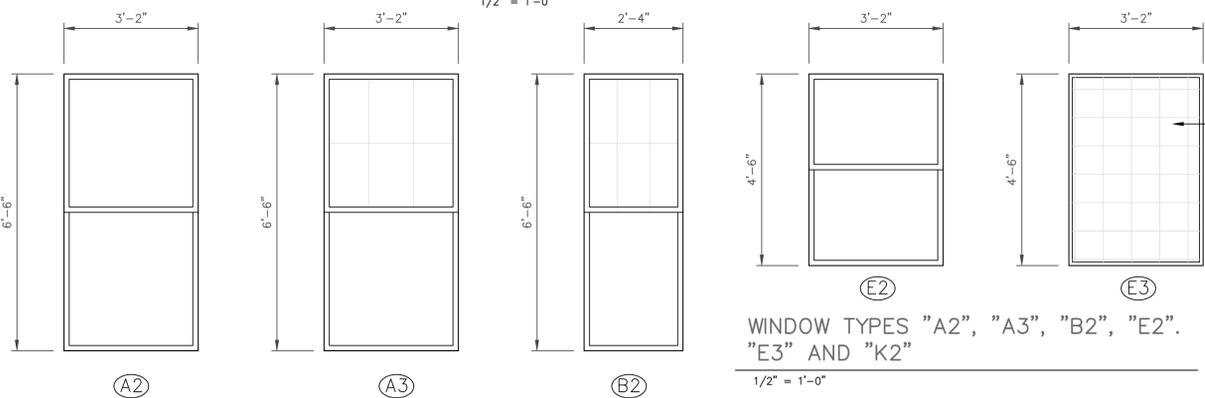
WINDOW TRIM GENERAL NOTE:
1. REPLACE EXISTING TRIM AROUND WINDOWS AND SILLS WITH NEW TRIM AND SILLS MATCHING EXISTING SHAPE, PROFILE AND SIZE. FINISH PER FINISH SCHEDULE.



WINDOW TYPES "J" THROUGH "R"
1/2" = 1'-0"



WINDOW TYPES "S" THROUGH "W"
1/2" = 1'-0"

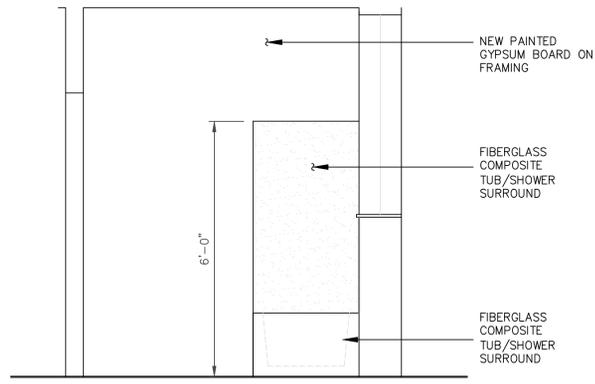


WINDOW TYPES "A2", "A3", "B2", "E2", "E3" AND "K2"
1/2" = 1'-0"

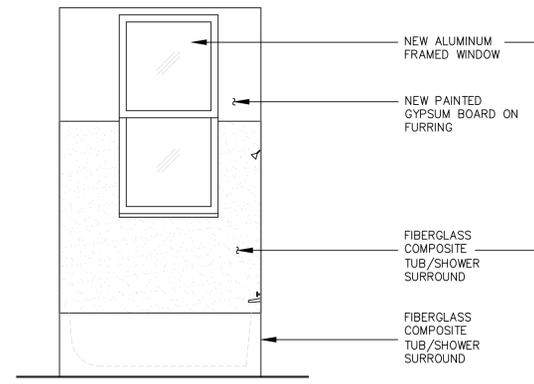
REVISIONS THIS SHEET
1. REMOVED EXTERIOR DOOR TYPE "B" ELEVATION VIEW FROM DRAWING. SEE SHEET A.9 FOR DOOR TYPES.

WINDOW TYPE	ELEVATION				EAST (Courtyard)	WEST (Courtyard)	QUANTITIES
	EAST	SOUTH	WEST	NORTH			
A	2						2
A2			6				6
A3	4	3					7
B	6						6
B2	12						12
C	n/a						0
D	1						1
E	2						2
E2		1	3		1		5
E3				1			1
F	4						4
G				3	3	3	9
H				3			3
I				3			3
J				1			1
K				1			1
L		6	6				12
M							0
N			2				2
O		3					3
P		13					13
Q		3					3
R		3					3
S	1						1
T	5				3	4	12
U	2						2
V					1		1
W			1				1
TOTAL	31	40	18	12	8	7	116

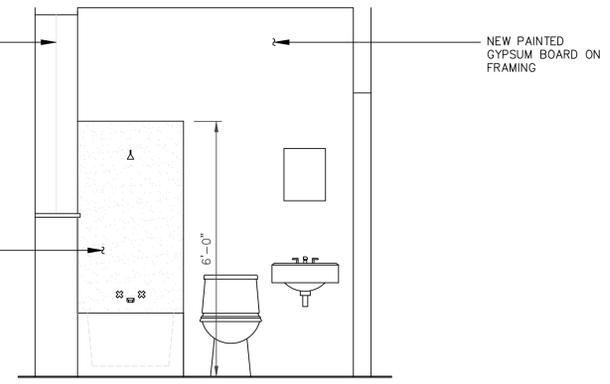
WINDOW SCHEDULE NOTES:
1. Field verify window opening sizes and conditions.
2. All new operable windows shall be constructed with insulated glazing with a maximum unit U value of 0.33.
3. Obscured glazing at all toilet rooms and bathrooms.



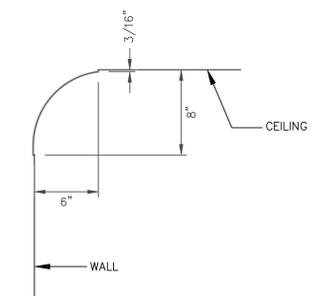
25
1/2" = 1'-0"
TYPICAL PROPOSED BATHROOM
INTERIOR ELEVATION, TUB FOOT WALL



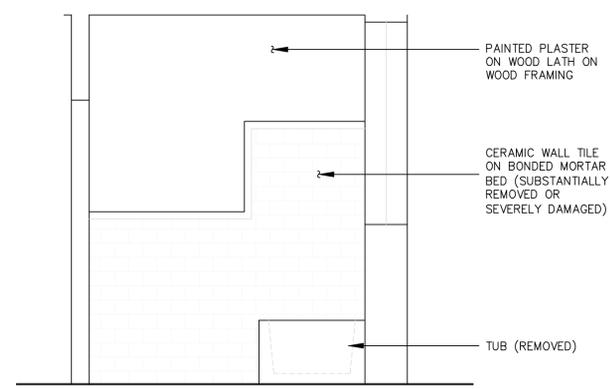
27
1/2" = 1'-0"
TYPICAL PROPOSED BATHROOM
INTERIOR ELEVATION, TUB WALL



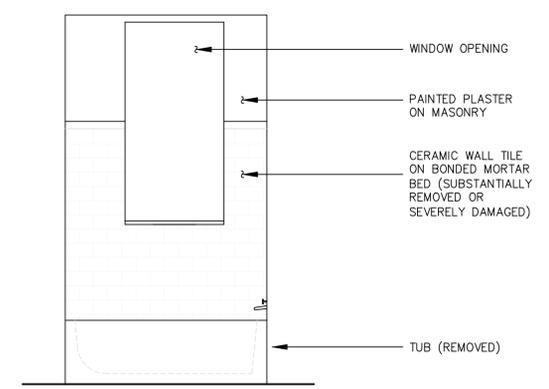
29
1/2" = 1'-0"
TYPICAL PROPOSED BATHROOM INTERIOR
ELEVATION, TOILET/SINK WALL



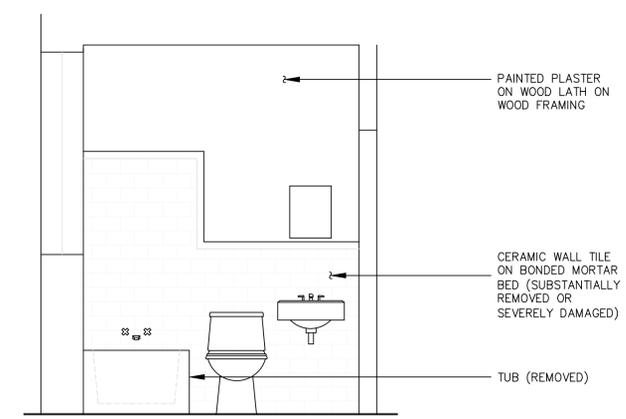
31
1" = 1'-0"
SIDE VIEW OF TYPICAL COVE AT
WALL/CEILING INTERSECTION



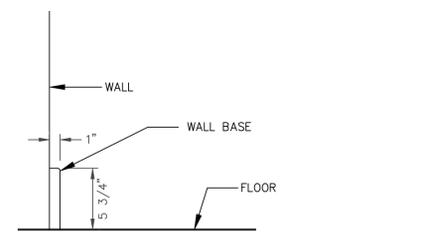
24
1/2" = 1'-0"
TYPICAL EXISTING BATHROOM
INTERIOR ELEVATION, TUB FOOT WALL



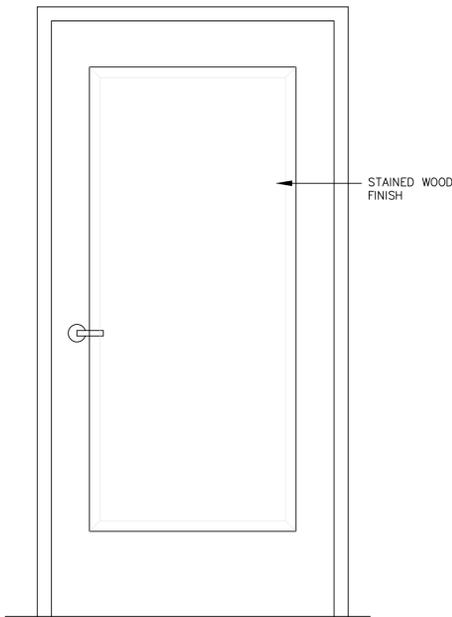
26
1/2" = 1'-0"
TYPICAL EXISTING BATHROOM
INTERIOR ELEVATION, TUB WALL



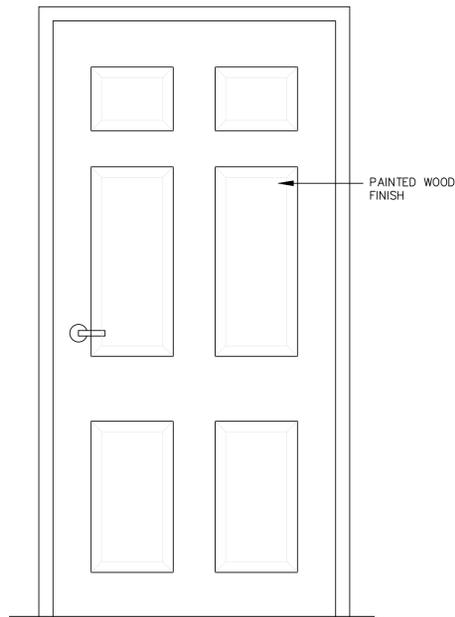
28
1/2" = 1'-0"
TYPICAL EXISTING BATHROOM
INTERIOR ELEVATION, TOILET WALL



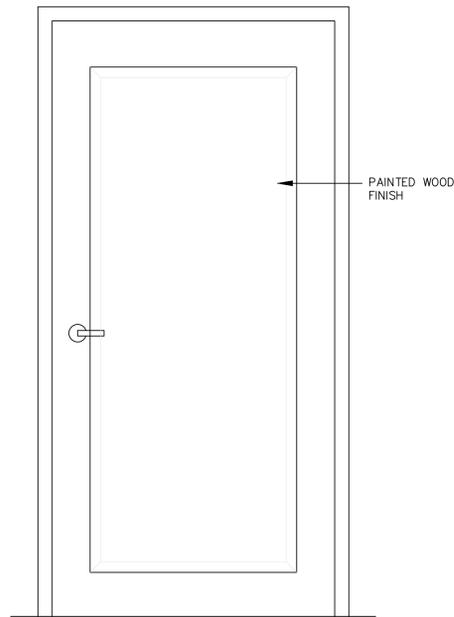
30
1" = 1'-0"
SIDE VIEW OF TYPICAL WALL
BASE



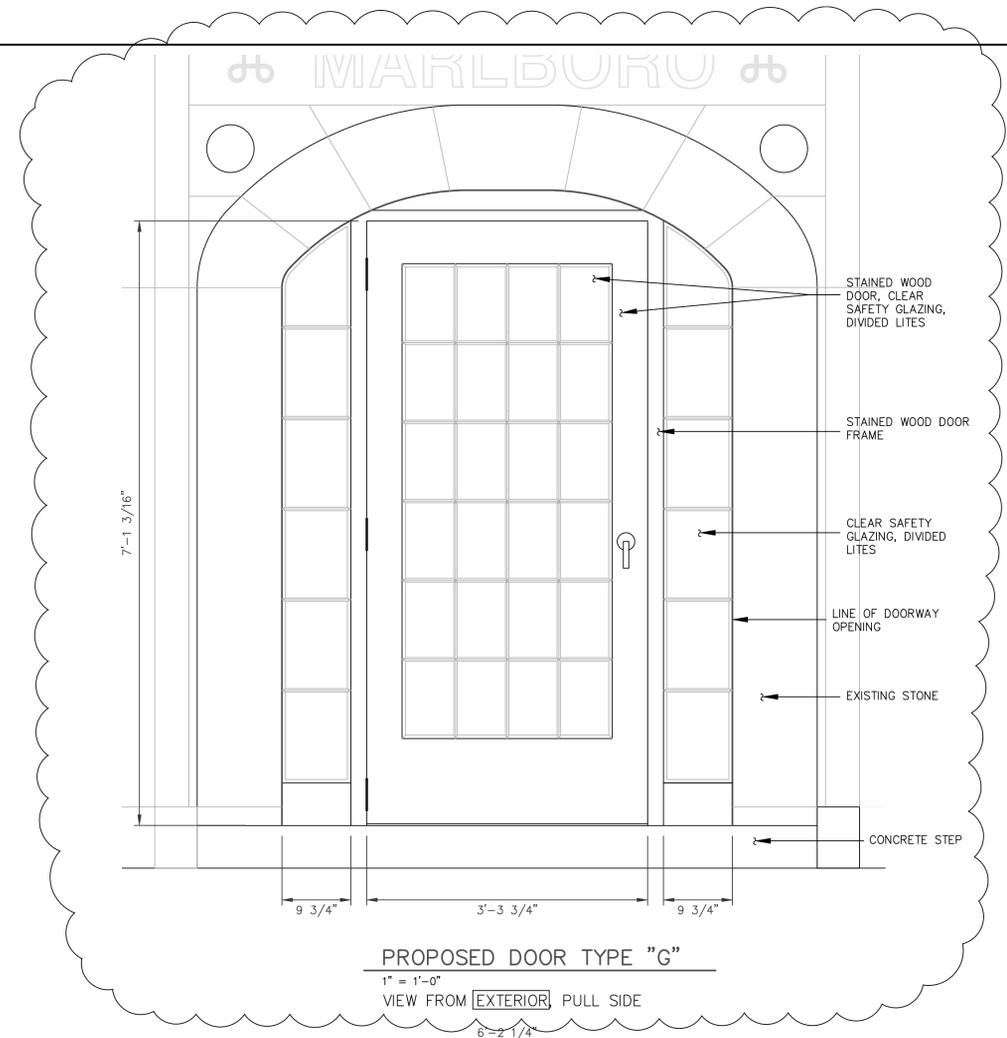
PROPOSED DOOR TYPE "A"
 1" = 1'-0"
 USE EXISTING DOOR PROFILES AND DIMENSIONS



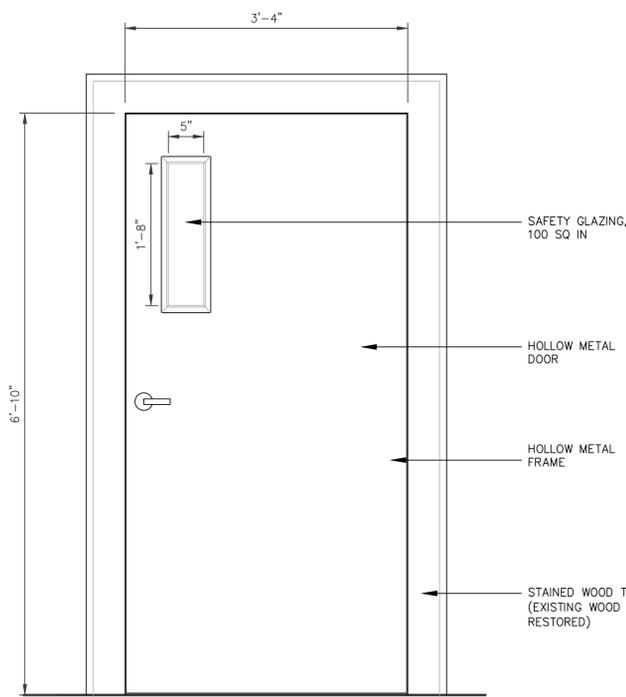
PROPOSED DOOR TYPE "B"
 1" = 1'-0"
 USE EXISTING DOOR PROFILES AND DIMENSIONS



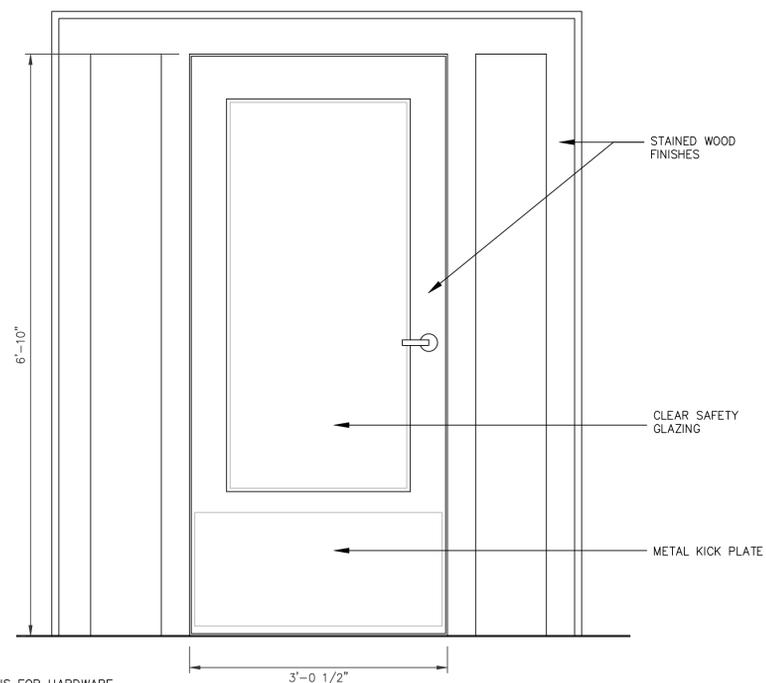
PROPOSED DOOR TYPE "C"
 1" = 1'-0"
 USE EXISTING DOOR PROFILES AND DIMENSIONS



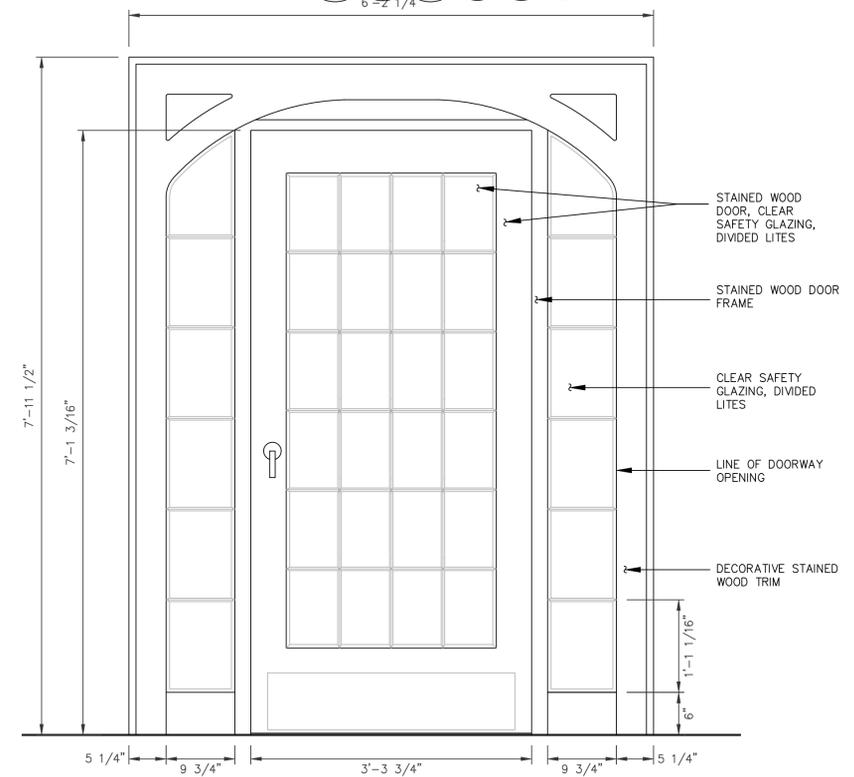
PROPOSED DOOR TYPE "G"
 1" = 1'-0"
 VIEW FROM EXTERIOR PULL SIDE
 6'-2 1/4"



PROPOSED DOOR TYPE "E"
 1" = 1'-0"
 VIEW FROM CORRIDOR



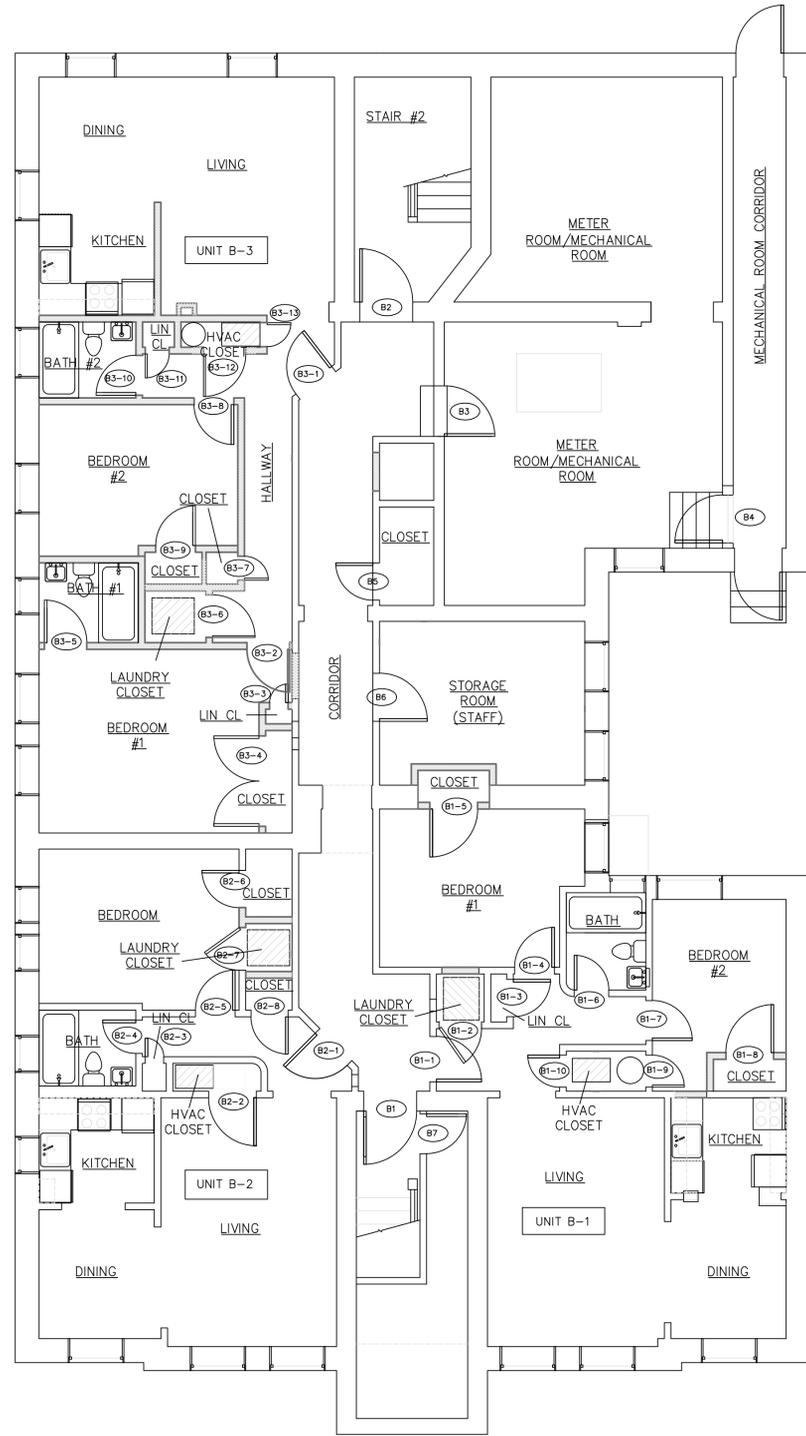
PROPOSED DOOR TYPE "F"
 1" = 1'-0"
 VIEW FROM VESTIBULE, PUSH SIDE



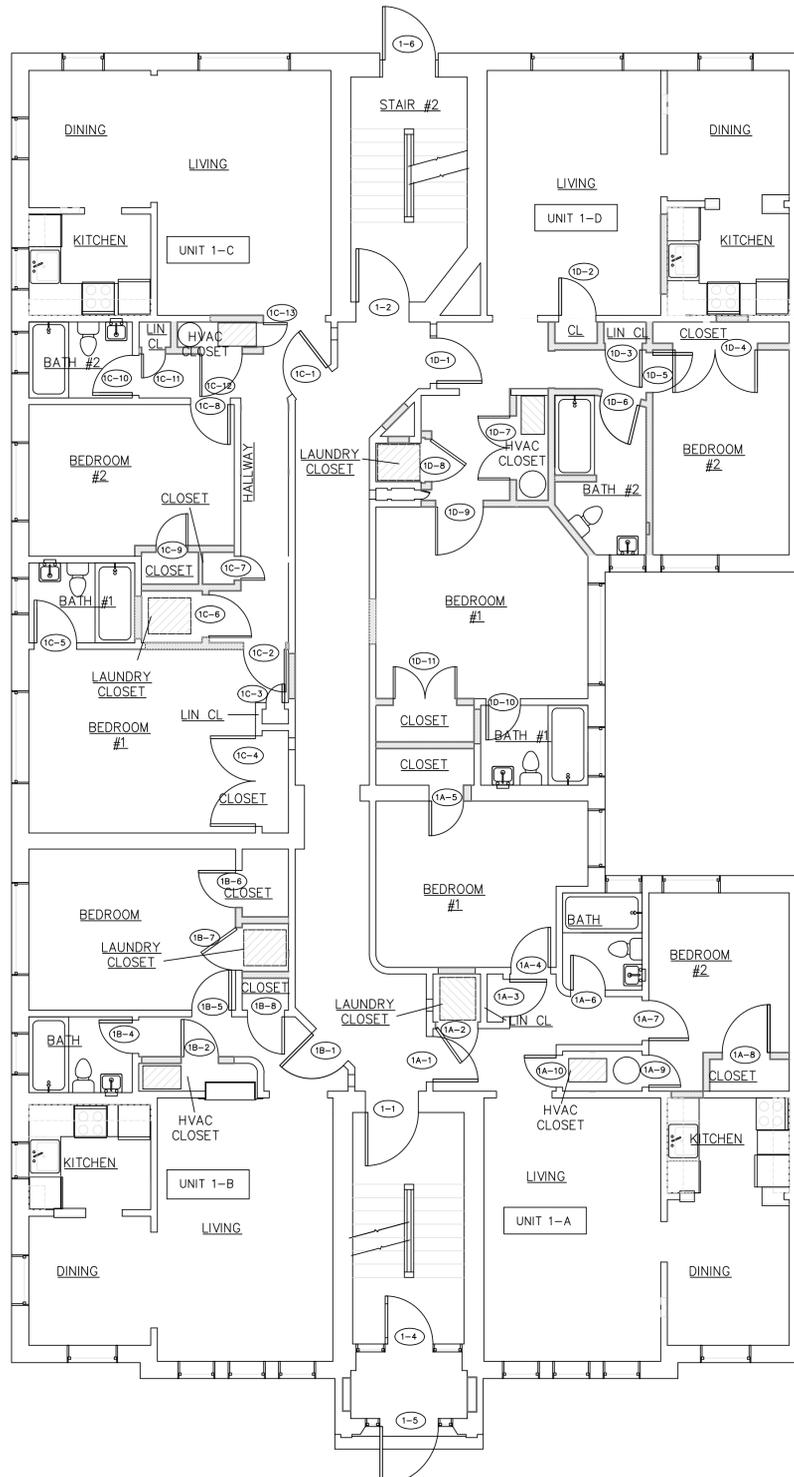
PROPOSED DOOR TYPE "G"
 1" = 1'-0"
 VIEW FROM INTERIOR PUSH SIDE

DOOR GENERAL NOTES:

1. SEE DOOR SCHEDULE AND SPECIFICATIONS FOR HARDWARE AND OTHER REQUIREMENTS.
2. SUBMIT SHOP DRAWING FOR CUSTOM WOOD DOOR/FRAME.
3. LABELED SAFETY GLAZING REQUIRED IN ALL DOORS AND SIDELITES.
4. DOOR DESIGNATION "D" IS NOT USED.



DOOR OPENING NUMBERS – BASEMENT
3/16" = 1'-0"



DOOR OPENING NUMBERS – 1ST FLOOR
3/16" = 1'-0"

REVISIONS THIS SHEET
THIS ENTIRE SHEET ADDED

DOOR SCHEDULE, BASEMENT AND 1ST FLOOR

Door No.	Door Type	Opening Status	Location	Finished Opening		Hardware Set	Comments
				Width	Height		
B-1	E	Existing	Front Stair	35	80	2	90-minute rating required
B-2	E	Existing	Rear Stair	35	80	2	90-minute rating required
B-3	H	Existing	Mechanical Room	40	80	4	Lower header elevation by 18 inches
B-4	N/A	Existing	Mechanical Room Pasageway	n/a	n/a		Remove door and frame
B-5	H	Existing	Corridor Closet	28	80	4	
B-6	H	Existing	Storage Room	32	80	4	Lower header elevation by 6 inches
B-7	H	Existing	Water Meter Room Under Stair (former)	30	80	4	
B-1-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
B-1-2	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
B-1-3	C	Existing	Lin Closet	28	80	3	
B-1-4	B	Existing	Bedroom #1	30	80	5	
B-1-5	C	Existing	Bedroom #1 Closet	52.5	80	3	
B-1-6	C	Existing	Bathroom	28	80	5	
B-1-7	B	Existing	Bedroom #2	30	80	5	
B-1-8	C	New	Bedroom #2 Closet	28	80	3	
B-1-9	C	Existing	HVAC Closet Rear	26	80	4	
B-1-10	C	Existing	HVAC Closet Front	24	80	4	
B-2-1	A	Existing	Unit Entry	32	80	1	Lower header elevation by 2 inches
B-2-2	C	Existing	HVAC Closet	36	80	4	Lower header elevation by 4 inches, Undercut door 1/2"
B-2-3	C	Existing	Lin Closet	18	80	3	Lower header elevation by 4 inches
B-2-4	C	Existing	Bathroom	28	80	5	Lower header elevation by 4 inches
B-2-5	B	Existing	Bedroom	30	80	5	Lower header elevation by 4 inches
B-2-6	C	New	Bedroom Closet	30	80	3	
B-2-7	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
B-2-8	C	Existing	Coat Closet	24	80	3	Lower header elevation by 4 inches
B-3-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
B-3-2	B	New	Bedroom #1	32	80	5	
B-3-3	C	New	Bedroom #1 Lin Closet	15	80	3	
B-3-4	C	New	Bedroom #1 Closet	68	80	3	
B-3-5	C	New	Bathroom #1	32	80	5	
B-3-6	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
B-3-7	C	New	Hallway Closet	18	80	3	
B-3-8	B	New	Bedroom #2	30	80	5	
B-3-9	C	New	Bedroom #2 Closet	30	80	3	
B-3-10	C	New	Bathroom #2	30	80	5	
B-3-11	C	New	Lin Closet	18	80	1	
B-3-12	C	New	HVAC Closet Front	32	80	4	
B-3-13	C	New	HVAC Closet Side	18	80	4	
1-1	E	Existing	Front Stair	35	80	2	90-minute rating required
1-2	E	Existing	Rear Stair	35	80	2	90-minute rating required
1-3	n/a	n/a	Number Not Used	n/a	n/a	n/a	
1-4	F	Existing	Inner Vestibule	36	82.5	6	Restore existing wood door
1-6	G	Existing	Front Entrance	40	84	2	Decorative Hardware
1-6	H	Existing	Rear Entrance/Exit (Alley)	40	80	4	Panic Exit Device instead of lever, add Closer
1-A-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
1-A-2	C	Existing	Laundry Closet	32	80	3	Undercut door 1/2"
1-A-3	C	Existing	Lin Closet	28	80	3	
1-A-4	B	Existing	Bedroom #1	30	80	5	
1-A-5	C	Existing	Bedroom #1 Closet	28	80	3	
1-A-6	C	Existing	Bathroom	26	80	5	
1-A-7	B	Existing	Bedroom #2	30	80	5	
1-A-8	C	New	Bedroom #2 Closet	36	80	3	
1-A-9	C	Existing	HVAC Closet Rear	24	80	4	
1-A-10	C	Existing	HVAC Closet Front	24	80	4	
1-B-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
1-B-2	C	New	HVAC Closet Rear	36	80	4	
1-B-3	n/a	n/a	Number Not Used	n/a	n/a	n/a	
1-B-4	C	Existing	Bathroom	26	80	5	
1-B-5	B	Existing	Bedroom	32	80	5	
1-B-6	C	New	Bedroom Closet	28	80	3	
1-B-7	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
1-B-8	C	Existing	Coat Closet	28	80	3	
1-C-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
1-C-2	B	New	Bedroom #1	32	80	5	
1-C-3	C	Existing	Bedroom #1 Lin Closet	14	80	3	
1-C-4	C	Existing	Bedroom #1 Closet	68	80	3	
1-C-5	C	New	Bathroom #1	32	80	5	
1-C-6	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
1-C-7	C	New	Hallway Closet	18	80	3	
1-C-8	B	Existing	Bedroom #2	32	80	5	
1-C-9	C	New	Bedroom #2 Closet	24	80	3	
1-C-10	C	Existing	Bathroom #2	26	80	5	
1-C-11	C	Existing	Lin Closet	18	80	1	
1-C-12	C	New	HVAC Closet Front	32	80	4	
1-C-13	C	New	HVAC Closet Side	18	80	4	
1-D-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
1-D-2	C	Existing	Coat Closet	30	80	3	
1-D-3	C	Existing	Lin Closet	30	80	3	
1-D-4	C	New	Bedroom #2 Closet	64	80	3	Double Door
1-D-5	B	Existing	Bedroom #2	32	80	5	
1-D-6	C	New	Bedroom Closet	30	80	5	
1-D-7	C	New	HVAC Closet	28	80	4	
1-D-8	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
1-D-9	B	Existing	Bedroom #1	36	80	5	
1-D-10	C	New	Bathroom #1	26	80	5	
1-D-11	C	Existing	Bedroom #1 Closet	48	80	3	Double Door

EDWARDS GROUP INTERNATIONAL, INC.
Architecture | Design | Planning Solutions
1031 MARLBOROUGH ST.
DETROIT, MICHIGAN 48202
313-965-4007 / Fax 313-965-7678

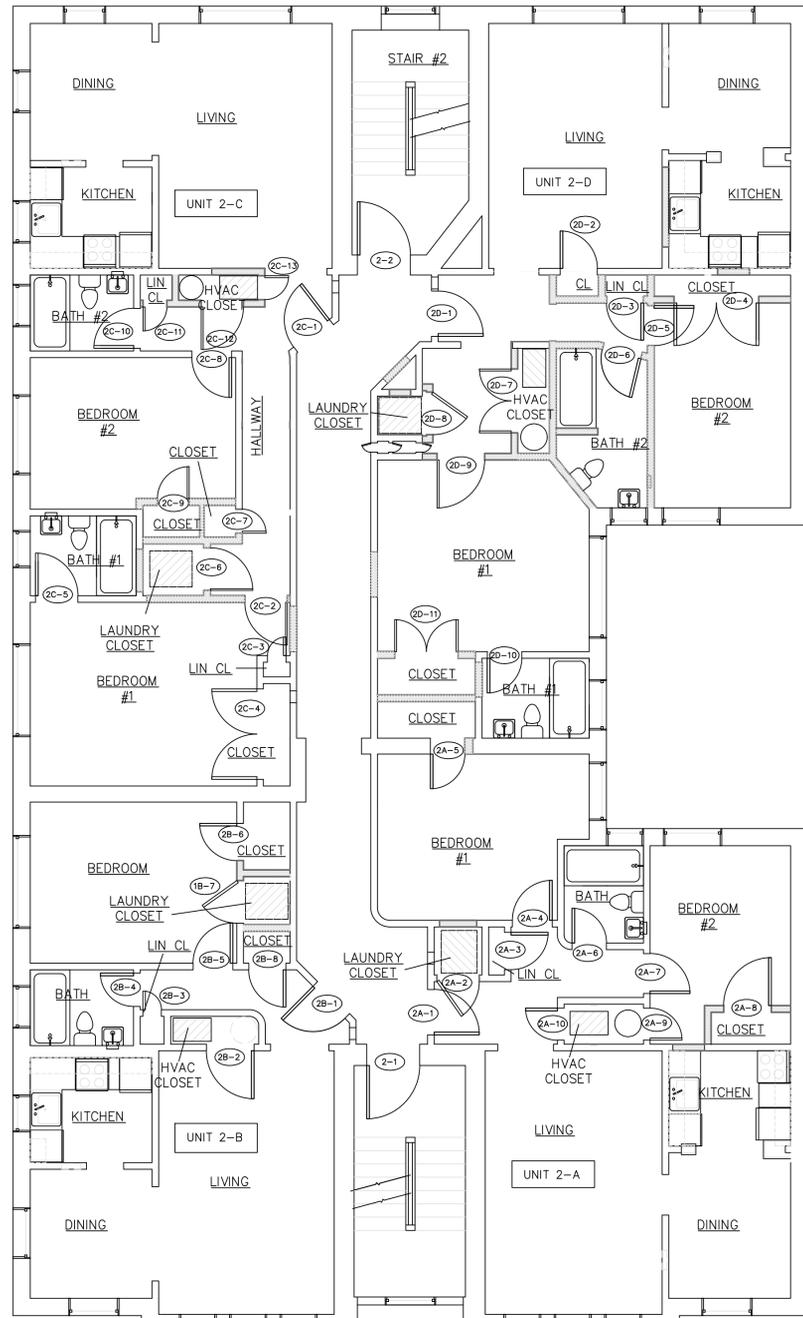
AINA Associates, Inc.
Mechanical | Electrical | Engineering
24775 Northwestern Hwy
Suite 400, Farmington Hills, MI 48334

DOOR OPENING NUMBERS, DOOR SCHEDULE BASEMENT, 1ST FLOOR

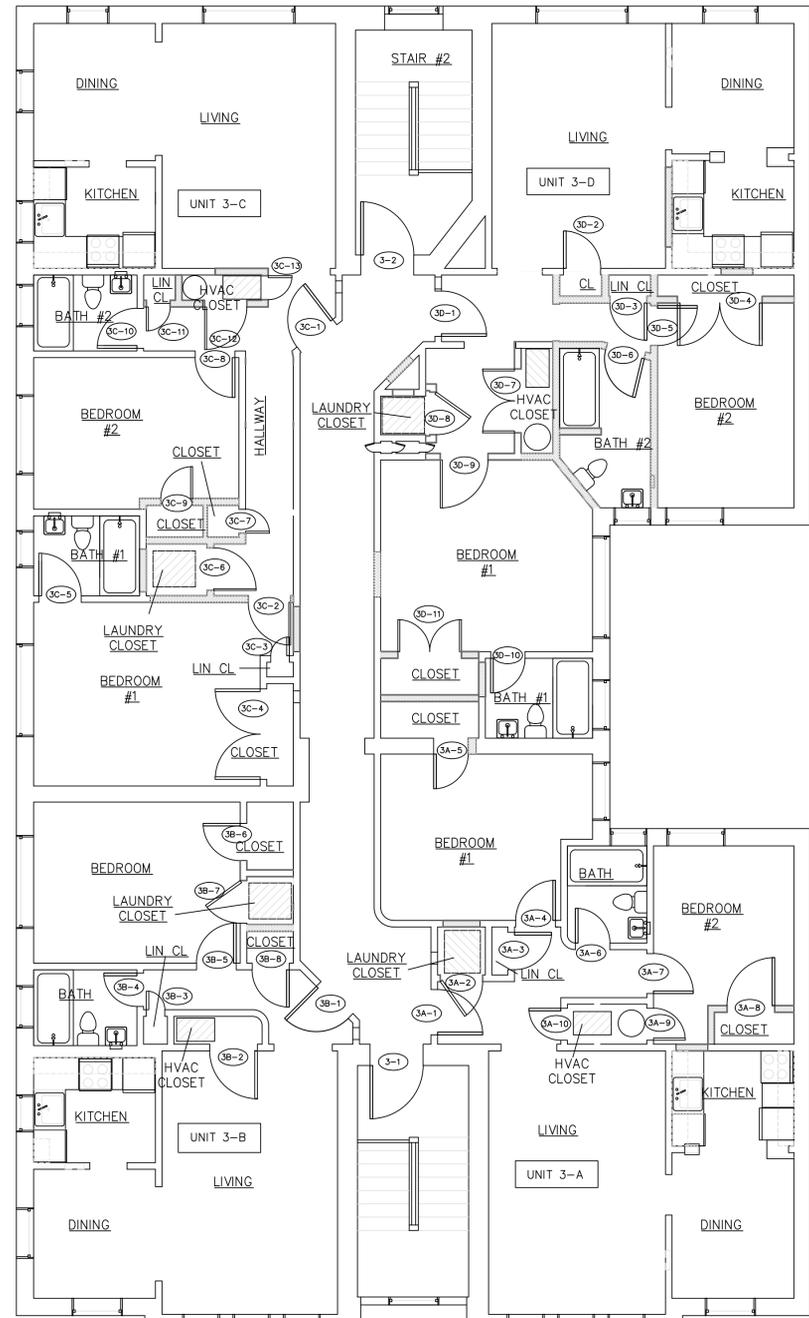
MARLBORO APARTMENTS BUILDING RENOVATION

ISSUE DATES:
HISTORIC REVIEW JUL-26-2017
ADDENDUM #1 MAR-28-2018
ADDENDUM #2 OCT-1-2018
ADDENDUM #3 JAN-10-2019
BULLETIN #3 MAR-25-2019

A9.3



DOOR OPENING NUMBERS - 2ND FLOOR
3/16" = 1'-0"

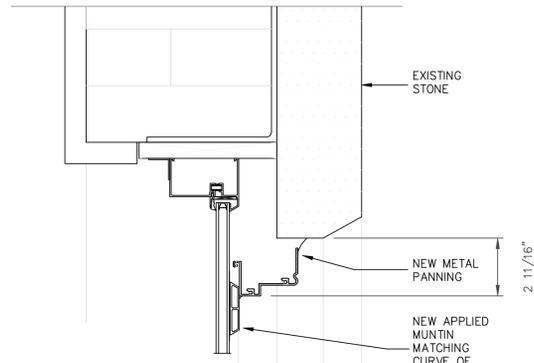


DOOR OPENING NUMBERS - 3RD FLOOR
3/16" = 1'-0"

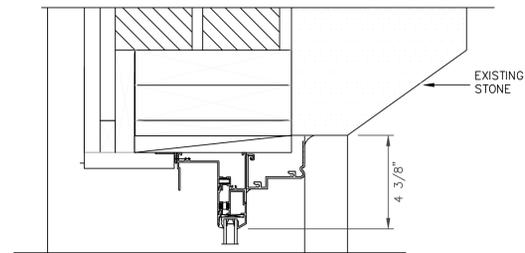
REVISIONS THIS SHEET
THIS ENTIRE SHEET ADDED

DOOR SCHEDULE, 2ND AND 3RD FLOOR

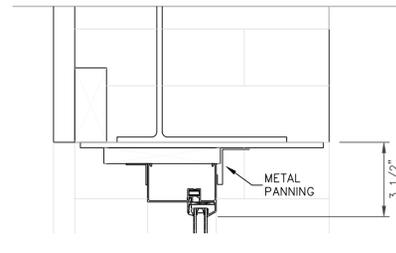
2-1	E	Existing	Front Stair	35	80	2	90 minute rating required
2-2	E	Existing	Rear Stair	35	80	2	90 minute rating required
2-A-1	A	Existing	Unit Entry	32	80	1	20 minute rating required
2-A-2	C	New	Laundry Closet	32	80	3	
2-A-3	C	Existing	Linen Closet	28	80	3	Undercut door 1/2"
2-A-4	B	Existing	Bedroom #1	30	80	5	
2-A-5	C	Existing	Bedroom #1 Closet	28	80	3	
2-A-6	C	Existing	Bathroom	26	80	5	
2-A-7	B	Existing	Bedroom #2	30	80	5	
2-A-8	C	New	Bedroom #2 Closet	36	80	3	
2-A-9	C	Existing	HVAC Closet Rear	24	80	4	
2-A-10	C	Existing	HVAC Closet Front	24	80	4	
2-B-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
2-B-2	C	Existing	HVAC Closet	36	80	4	
2-B-3	C	Existing	Linen Closet	14	80	3	
2-B-4	C	Existing	Bathroom	26	80	5	
2-B-5	B	Existing	Bedroom	32	80	5	
2-B-6	C	New	Bedroom Closet	28	80	3	
2-B-7	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
2-B-8	C	Existing	Coat Closet	28	80	3	
2-C-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
2-C-2	B	New	Bedroom #1	32	80	5	
2-C-3	C	Existing	Bedroom #1 Linen Closet	14	80	3	
2-C-4	C	Existing	Bedroom #1 Closet	68	80	3	
2-C-5	C	New	Bathroom #1	32	80	5	
2-C-6	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
2-C-7	C	New	Hallway Closet	18	80	3	
2-C-8	B	Existing	Bedroom #2	32	80	5	
2-C-9	C	New	Bedroom #2 Closet	24	80	3	
2-C-10	C	Existing	Bathroom #2	26	80	5	
2-C-11	C	Existing	Linen Closet	18	80	1	
2-C-12	C	New	HVAC Closet Front	32	80	4	
2-C-13	C	New	HVAC Closet Side	18	80	4	
2-D-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
2-D-2	C	Existing	Coat Closet	30	80	3	
2-D-3	C	Existing	Linen Closet	30	80	3	
2-D-4	C	New	Bedroom #2 Closet	64	80	3	Double Door
2-D-5	B	Existing	Bedroom #2	32	80	5	
2-D-6	C	Existing	Bathroom #2	30	80	5	
2-D-7	C	New	HVAC Closet	48	80	4	
2-D-8	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
2-D-9	B	Existing	Bedroom #1	36	80	5	
2-D-10	C	Existing	Bathroom #1	26	80	5	
2-D-11	C	New	Bedroom #1 Closet	48	80	3	Double Door
3-1	E	Existing	Front Stair	35	80	2	90-minute rating required
3-2	E	Existing	Rear Stair	35	80	2	90-minute rating required
3-A-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
3-A-2	C	New	Laundry Closet	32	80	3	
3-A-3	C	Existing	Linen Closet	28	80	3	Undercut door 1/2"
3-A-4	B	Existing	Bedroom #1	30	80	5	
3-A-5	C	Existing	Bedroom #1 Closet	28	80	3	
3-A-6	C	Existing	Bathroom	26	80	5	
3-A-7	B	Existing	Bedroom #2	30	80	5	
3-A-8	C	New	Bedroom #2 Closet	36	80	3	
3-A-9	C	Existing	HVAC Closet Rear	24	80	4	
3-A-10	C	Existing	HVAC Closet Front	24	80	4	
3-B-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
3-B-2	C	Existing	HVAC Closet	36	80	4	
3-B-3	C	Existing	Linen Closet	14	80	3	
3-B-4	C	Existing	Bathroom	26	80	5	
3-B-5	B	Existing	Bedroom	32	80	5	
3-B-6	C	New	Bedroom Closet	28	80	3	
3-B-7	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
3-B-8	C	Existing	Coat Closet	28	80	3	
3-C-1	A	Existing	Unit Entry	32	80	1	20 minute rating required
3-C-2	B	New	Bedroom #1	32	80	5	
3-C-3	C	Existing	Bedroom #1 Linen Closet	14	80	3	
3-C-4	C	Existing	Bedroom #1 Closet	68	80	3	
3-C-5	C	New	Bathroom #1	32	80	5	
3-C-6	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
3-C-7	C	New	Hallway Closet	18	80	3	
3-C-8	B	Existing	Bedroom #2	32	80	5	
3-C-9	C	New	Bedroom #2 Closet	24	80	3	
3-C-10	C	Existing	Bathroom #2	26	80	5	
3-C-11	C	Existing	Linen Closet	18	80	1	
3-C-12	C	New	HVAC Closet Front	32	80	4	
3-C-13	C	New	HVAC Closet Side	18	80	4	
3-D-1	A	Existing	Unit Entry	32	80	1	20-minute rating required
3-D-2	C	Existing	Coat Closet	30	80	3	
3-D-3	C	Existing	Linen Closet	30	80	3	
3-D-4	C	New	Bedroom #2 Closet	64	80	3	Double Door
3-D-5	B	Existing	Bedroom #2	32	80	5	
3-D-6	C	Existing	Bathroom #2	30	80	5	
3-D-7	C	New	HVAC Closet	48	80	4	Undercut door 1/2"
3-D-8	C	New	Laundry Closet	32	80	3	Undercut door 1/2"
3-D-9	B	Existing	Bedroom #1	36	80	5	
3-D-10	C	Existing	Bathroom #1	26	80	5	
3-D-11	C	New	Bedroom #1 Closet	48	80	3	Double Door



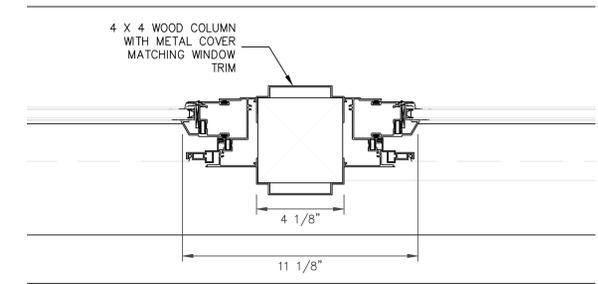
A SECTION THROUGH HEAD
SCALE: 3" - 1'-0"



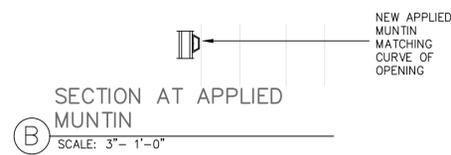
E SECTION THROUGH JAMB
SCALE: 3" - 1'-0"



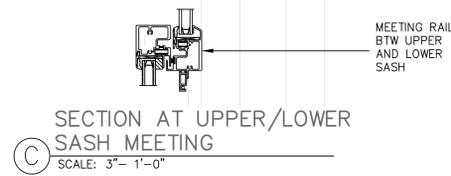
G SECTION THROUGH HEAD
SCALE: 3" - 1'-0"



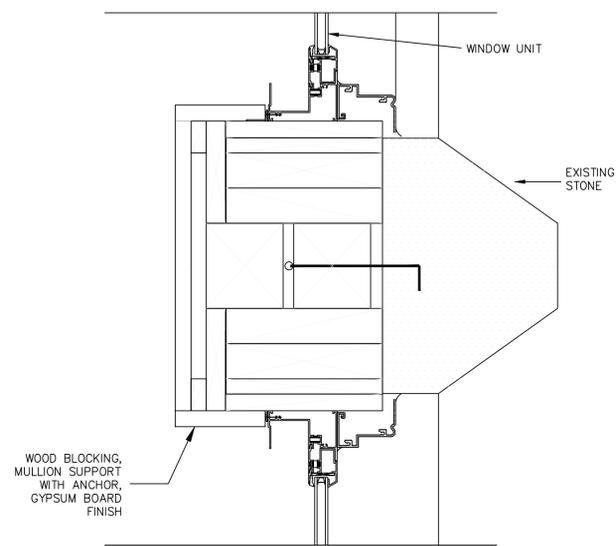
I SECTION THROUGH MULLION
SCALE: 3" - 1'-0"



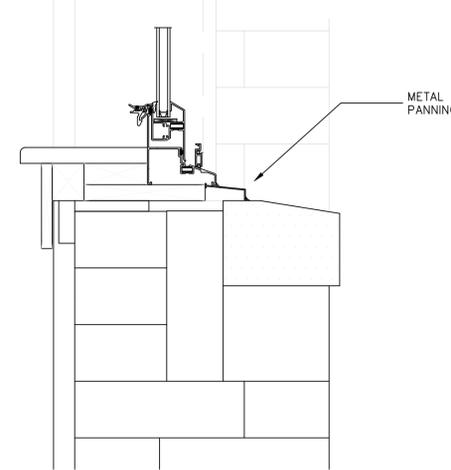
B SECTION AT APPLIED MUNTIN
SCALE: 3" - 1'-0"



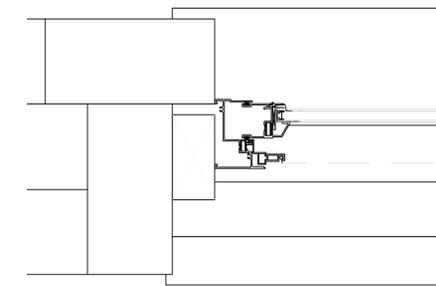
C SECTION AT UPPER/LOWER SASH MEETING
SCALE: 3" - 1'-0"



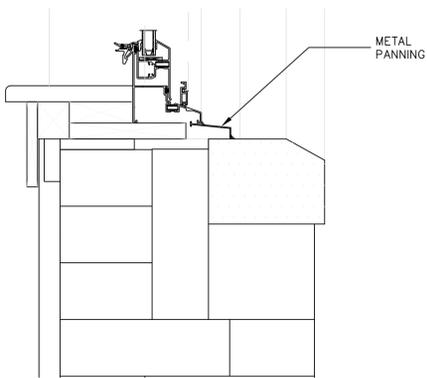
F HORIZONTAL SECTION AT STONE PILLAR BETWEEN WINDOW UNITS
SCALE: 3" - 1'-0"



H SECTION THROUGH SILL
SCALE: 3" - 1'-0"



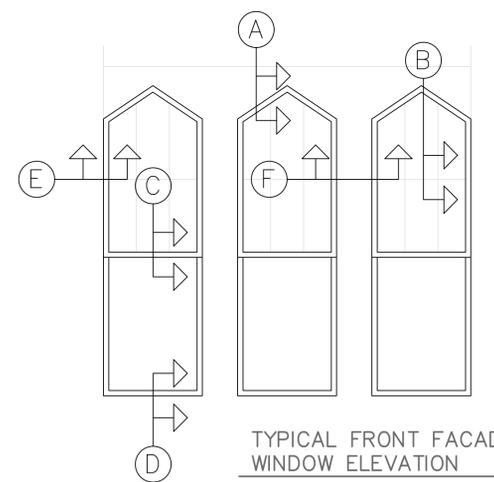
J SECTION THROUGH JAMB
SCALE: 3" - 1'-0"



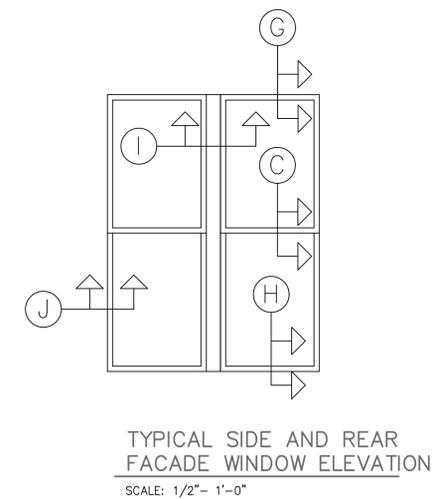
D SECTION AT SILL
SCALE: 3" - 1'-0"

REPLACEMENT WINDOW BASIS OF DESIGN:

QUAKER H300 SINGLE-HUNG HISTORICAL (H-HC40), ALUMINUM WITH BAKED ON POWDER COAT COLOR FINISH, INSULATED GLAZING, WIRE MESH SCREEN, SURFACE APPLIED SIMULATED MUNTINS.



TYPICAL FRONT FACADE WINDOW ELEVATION
SCALE: 1/2" - 1'-0"



TYPICAL SIDE AND REAR FACADE WINDOW ELEVATION
SCALE: 1/2" - 1'-0"

ISSUE DATES:

- PERMIT
SEP-23-2016
- HISTORIC REVIEW
JUL-26-2017
- ADDENDUM #1
MAR-28-2018
- ADDENDUM #2
OCT-1-2018
- ADDENDUM #3
JAN-10-2019