

City of Portland, Oregon Bureau of Development Services Land Use Services Amanda Fritz, Commissioner Paul L. Scarlett, Director Phone: (503) 823-7300 Fax: (503) 823-5630 TTY: (503) 823-6868 www.portlandoregon.gov/bds

FROM CONCEPT TO CONSTRUCTION

Date: March 09, 2015

To: Interested Person

From:Arthur Graves, Land Use Services503-823-7803 | Arthur.Graves@portlandoregon.gov

NOTICE OF A TYPE II DECISION ON A PROPOSAL IN YOUR NEIGHBORHOOD

The Bureau of Development Services has **approved** a proposal in your neighborhood. The mailed copy of this document is only a summary of the decision. The reasons for the decision, including the written response to the approval criteria and to public comments received on this application, are included in the version located on the BDS website

<u>http://www.portlandonline.com/bds/index.cfm?c=46429</u>. Click on the District Coalition then scroll to the relevant Neighborhood, and case number. If you disagree with the decision, you can appeal. Information on how to do so is included at the end of this decision.

CASE FILE NUMBER: LU 15-107995 HR: EXTERIOR ALTERATIONS

GENERAL INFORMATION

Applicant:	Donna Wax, Architect 503.754.7243 3045 NE 9th Avenue Portland, OR 97212
Owners	Catherine C Glavan and Bradford Glavan 2714 NE 18th Avenue Portland, OR 97212-3314
Site Address:	2714 NE 18 th Avenue
Legal Description: Tax Account No.: State ID No.: Quarter Section: Neighborhood: Business District: District Coalition: Other Designations:	BLOCK 39 N 35' OF LOT 12 S 1/2 OF LOT 13, IRVINGTON R420408440 1N1E26AC 12700 2732 Irvington, contact Dean Gisvold at 503-284-3885. North-Northeast Business Assoc, contact Joice Taylor at 503-841-5032. Northeast Coalition of Neighborhoods, contact info@necoalition.org Contributing resource in the Irvington Historic District, listed in the National Register of Historic Places on October 22, 2010.
Zoning:	R5: Single-Dwelling Residential Zone
Case Type:	HR: Historic Resource Review
Procedure:	Type II, an administrative decision with appeal to the Landmarks Commission.

Proposal:

The applicant seeks Historic Resource Review approval for alterations to a contributing 1940 residence in the Irvington Historic District. The alterations include:

• Kitchen remodel resulting in 18 feet of the current south-east first floor being remodeled and built out approximately 3 feet to the south. This will result in the removal of 3 existing windows on the first floor south elevation and one window on the east elevation. 4 new wood double hung windows of similar size to the existing windows will be replaced in the new exterior walls. Trim to match existing treatment.

- Page 2
- Replacement of the existing east façade exterior door with a new wood door in the same location.
- Replacement of two east elevation windows to be replaced with a single new wood double hung window, in approximately half of the original location. Trim to match existing treatment.

Historic resource review is required for exterior alterations to contributing structures such as this one in the Irvington Historic District.

Relevant Approval Criteria:

In order to be approved, this proposal must comply with the approval criteria of Title 33. The relevant approval criteria are:

• 33.846.060.G Other Approval Criteria

ANALYSIS

Site and Vicinity:

The subject site is located in the Irvington Historic District one lot north of the NE Knott Street and NE 18th Ave. intersection – on the east side. The subject property, a contributing resource within the Irvington Historic District, was constructed in the Tudor Revival style in 1940 by an unknown architect for A.C. Malmquist (who at the time lived at 2515 NE Knott). Currently, the resident property is listed as the John C. Albright House.

Platted in the late Nineteenth Century, today's Irvington Historic District represents the first additions to Portland that employed restrictive covenants from the outset. These included the exclusion of most non-residential uses from the interior of the neighborhood, and where non-residential uses were allowed, such as the fire station and the telephone exchange, the buildings were purposely disguised to appear more residential in character. Other deed restrictions excluded minority groups, established uniform front setbacks, and required minimum expenditure on new buildings. The area developed generally from southwest to northeast and its growth was greatly influenced by the installation of streetcar lines that introduced an easy commuting option to downtown.

The contributing resources in Irvington range in design character from expressions of the late Victorian Era styles, especially Queen Anne, through the many Period Revival modes of the early decades of the Twentieth Century, to a few early modernist examples. There is also a wide diversity in the sizes of lots and houses. In terms of the streetscape, the numbered north-south avenues in Irvington vary dramatically in width, and they mostly form rather long block faces which the houses generally address. The named east-west street block faces are more consistent in length, almost all being traditional 200' Portland blocks. All are lined with mature street trees. Original development in many cases included garages or other accessory structures, typically facing side streets on corner lots and accessed by a variety of driveway types on mid-block sites. Garages that were added after original construction, but still within the historic period, were sometimes built at the sidewalk and/or out of architectural character with the house.

Regarding area amenities in proximity to the site, while the structure is located well within the Irvington Neighborhood it is still within a five minute walk (approximately a quarter-mile) of a number of resources. These amenities include a local grocery store, restaurants, cafes and an elementary school.

Regarding transportation, the site is serviced by a number of transportation options. Public bus transit is within a five minute walk from the site, to the east the #17 runs on NE 24th Ave. and frequent service (considered every 15 minutes or better by Trimet) is provided by the #8 two blocks away to the west on NE 15th Ave. NE Knott and NE 15th Ave also serve as city bikeways under the regional transportation service plan (TSP), providing bike infrastructure to the community.

Zoning:

The <u>Residential 5,000</u> (R5) single-dwelling zone is intended to preserve land for housing and to provide housing opportunities for individual households. The zone implements the comprehensive plan policies and designations for single-dwelling housing. Minimum lot size is 3,000 square feet, with minimum width and depth dimensions of 36 and 50 feet, respectively. Minimum densities are based on lot size and street configuration. Maximum densities are 1 lot per 5,000 square feet of site area.

The <u>Historic Resource Protection</u> overlay is comprised of Historic and Conservation Districts, as well as Historic and Conservation Landmarks and protects certain historic resources in the region and preserves significant parts of the region's heritage. The regulations implement Portland's Comprehensive Plan policies that address historic preservation. These policies recognize the role historic resources have in promoting the education and enjoyment of those living in and visiting the region. The regulations foster pride among the region's citizens in their city and its heritage. Historic preservation beautifies the city, promotes the city's economic health, and helps to preserve and enhance the value of historic properties.

Land Use History: City records indicate there are no prior land use reviews for this site.

Agency Review: A "Notice of Proposal in Your Neighborhood" was mailed **February 9, 2015**. The following Bureaus have responded with no issues or concerns:

- Water Bureau: Terry Wenz: February 18, 2015. (Exhibit E-1)
- Bureau of Development Services Life Safety / Building Code Section: David Jones: February 09, 2015. (Exhibit E-2)
- Parks Bureau, Urban Forestry: Rick Faber: February 10, 2015. (Exhibit E-3)
- Bureau of Development Services Land Use Review: Beth Copeland: February 10, 2015. (Exhibit E-4)

Neighborhood Review: A Notice of Proposal in Your Neighborhood was mailed on February 9, 2015. One written response has been received from either the Neighborhood Association or notified property owners in response to the proposal.

• Dean Gisvold, on behalf of the Irvington Community Association Land Use Committee, wrote on March 02, 2015 with no objections to the proposal. (Exhibit F-1)

ZONING CODE APPROVAL CRITERIA

Chapter 33.846.060 - Historic Resource Review

Purpose of Historic Resource Review

Historic Resource Review ensures the conservation and enhancement of the special characteristics of historic resources.

Historic Resource Review Approval Criteria

Requests for Historic Resource Review will be approved if the review body finds the applicant has shown that all of the approval criteria have been met.

Findings: The site is within the Irvington Historic District and the proposal is for nonexempt treatment. Therefore Historic Resource Review approval is required. The approval criteria are those listed in *33.846.060 G – Other Approval Criteria*.

Staff has considered all guidelines and addressed only those applicable to this proposal.

33.846.060 G - Other Approval Criteria

1. Historic character. The historic character of the property will be retained and preserved. Removal of historic materials or alteration of features and spaces that contribute to the property's historic significance will be avoided.

2. Record of its time. The historic resource will remain a physical record of its time, place, and use. Changes that create a false sense of historic development, such as adding conjectural features or architectural elements from other buildings will be avoided.

3. Historic changes. Most properties change over time. Those changes that have acquired historic significance will be preserved.

4. Historic features. Generally, deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement, the new feature will match the old in design, color, texture, and other visual qualities and, where practical, in materials. Replacement of missing features must be substantiated by documentary, physical, or pictorial evidence.

5. Historic materials. Historic materials will be protected. Chemical or physical treatments, such as sandblasting, that cause damage to historic materials will not be used.

Findings for 1, 2, 3, 4, and 5:

The proposed alterations to the contributing resource will be to the south-east area of the structure. The west façade is the street facing façade. The historic character of the resource will be preserved as none of the features being altered, such as the removal of six existing windows and replacement of the existing door, are stated to be original to the resource. Proposed alterations will match wood windows, trim, siding and roof angles existing to the resource to further integrate into the existing design and preserve the contributing resource. Although the proposed alterations are designed in a way that will integrate well with the existing architecture they will not create a false sense of historic development. This is supported by the fact that the windows will clearly read as being of contemporary construction and the entire addition to the south will be recessed back 6 inches from the adjacent existing wall to the west.

In addition, no unnecessary features and/or elements foreign to the resource are being proposed. No previous changes to the resource warranting historic significance are being impacted. No historic features original to the resource are being negatively impacted by the proposed alterations. Historic materials original to the resource will be protected through the course of the proposed additions and alterations. *Therefore these criteria are met.*

7. Differentiate new from old. New additions, exterior alterations, or related new construction will not destroy historic materials that characterize a property. New work will be differentiated from the old.

8. Architectural compatibility. New additions, exterior alterations, or related new construction will be compatible with the resource's massing, size, scale, and architectural features. When retrofitting buildings or sites to improve accessibility for persons with disabilities, design solutions will not compromise the architectural integrity of the historic resource.

9. Preserve the form and integrity of historic resources. New additions and adjacent or related new construction will be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic resource and its environment would be unimpaired.

10. Hierarchy of compatibility. Exterior alterations and additions will be designed to be compatible primarily with the original resource, secondarily with adjacent properties, and finally, if located within a Historic or Conservation District, with the rest of the district. Where practical, compatibility will be pursued on all three levels.

Findings for 7, 8, 9 and 10:

The proposed alterations will be compatible with the existing resource's massing, size, scale and architectural features so as to preserve the form and integrity of the historic resource. The proposed addition to the south-east corner of the contributing resource is utilizing a currently undeveloped area of the resource. Incidentally, the location of the proposed alterations is not directly visible from the public right-of-way to the west of the property. The proposed alterations will be compatible with the existing structure through the use of similar window, trim and siding treatments found in other locations on the resource. The alterations will also help to preserve the form and integrity of the historic resource while being designed to indicate the historic hierarchy as well as differentiating new from old, through such details as being limited to a single story alteration and the proposed construction being recessed back (6 inches) from the original exterior south elevation. The proposed alterations include the removal of two differing window types on the south façade to be replaced with a single style. This alteration will help to organize and unify the existing south façade of the structure while being compatible with the existing resource. The proposed alterations and their overall compatibility with the resource will not negatively impact the structures ability to continue to serve as a contributing building and asset to the adjacent properties as well as the Irvington Historic District as a whole. *Therefore these criteria are met.*

DEVELOPMENT STANDARDS

Unless specifically required in the approval criteria listed above, this proposal does not have to meet the development standards in order to be approved during this review process. The plans submitted for a building or zoning permit must demonstrate that all development standards of Title 33 can be met, or have received an Adjustment or Modification via a land use review prior to the approval of a building or zoning permit.

CONCLUSIONS

The purpose of the Historic Resource Review process is to ensure that additions, new construction, and exterior alterations to historic resources do not compromise their ability to convey historic significance. This proposal meets the applicable Historic Resource Review criteria and therefore warrants approval.

ADMINISTRATIVE DECISION

Approval for proposed exterior alterations triggering Historic Resource Review to a contributing 1940 residence in the Irvington Historic District. The alterations including:

- Kitchen remodel resulting in 18 feet of the current south-east first floor being remodeled and built out approximately 3 feet to the south. This will result in the removal of 3 existing windows on the first floor south elevation and one window on the east elevation 4 new wood double hung windows of similar size to the existing windows will be replaced in the new exterior walls. Trim to match existing treatment.
- Replacement of the existing east façade exterior door with a new wood door in the same location.
- Replacement of two east elevation windows to be replaced with a single new wood double hung window, in approximately half of the original location. Trim to match existing treatment.

Approval per the approved site plans, Exhibits C-1 through C-12, signed and dated March 05, 2015, subject to the following conditions:

A. As part of the building permit application submittal, each of the 4 required site plans and any additional drawings must reflect the information and design approved by this land use review as indicated in Exhibits C.1-C.12. The sheets on which this information appears must be labeled, "Proposal and design as approved in Case File # LU 15-107995 HR. <u>No field changes allowed</u>."

Staff Planner: Arthur Graves

Decision rendered by:



on Thursday, March 05, 2015.

By authority of the Director of the Bureau of Development Services

Decision mailed: Monday, March 09, 2015

About this Decision. This land use decision is **not a permit** for development. Permits may be required prior to any work. Contact the Development Services Center at 503-823-7310 for information about permits.

Procedural Information. The application for this land use review was submitted on January 21, 2015, and was determined to be complete on **February 4, 2015**.

Zoning Code Section 33.700.080 states that Land Use Review applications are reviewed under the regulations in effect at the time the application was submitted, provided that the application is complete at the time of submittal, or complete within 180 days. Therefore this application was reviewed against the Zoning Code in effect on January 21, 2015.

ORS 227.178 states the City must issue a final decision on Land Use Review applications within 120-days of the application being deemed complete. The 120-day review period may be waived or extended at the request of the applicant. In this case, the applicant did not waive or extend the 120-day review period. Unless further extended by the applicant, **the 120 days will expire on: June 04, 2015.**

Some of the information contained in this report was provided by the applicant.

As required by Section 33.800.060 of the Portland Zoning Code, the burden of proof is on the applicant to show that the approval criteria are met. The Bureau of Development Services has independently reviewed the information submitted by the applicant and has included this information only where the Bureau of Development Services has determined the information satisfactorily demonstrates compliance with the applicable approval criteria. This report is the decision of the Bureau of Development Services with input from other City and public agencies.

Conditions of Approval. If approved, this project may be subject to a number of specific conditions, listed above. Compliance with the applicable conditions of approval must be documented in all related permit applications. Plans and drawings submitted during the permitting process must illustrate how applicable conditions of approval are met. Any project elements that are specifically required by conditions of approval must be shown on the plans, and labeled as such.

These conditions of approval run with the land, unless modified by future land use reviews. As used in the conditions, the term "applicant" includes the applicant for this land use review, any person undertaking development pursuant to this land use review, the proprietor of the use or development approved by this land use review, and the current owner and future owners of the property subject to this land use review.

Appealing this decision. This decision may be appealed to the Landmarks Commission, which will hold a public hearing. Appeals must be filed **by 4:30 PM on Monday, March 23, 2015** at 1900 SW Fourth Ave. Appeals can be filed at the Development Services Center Monday through Wednesday and Fridays between 8:00 am to 3:00 pm and on Thursdays between 8:00 am to 12:00 pm. After 3:00 pm Monday through Wednesday and Fridays, and after 12:00 pm on Thursdays, appeals must be submitted at the reception desk on the 5th floor. **An appeal fee of \$250 will be charged**. The appeal fee will be refunded if the appellant prevails. There is no fee for ONI recognized organizations appealing a land use decision for property within the organization's boundaries. The vote to appeal must be in accordance with the organization's bylaws. Assistance in filing the appeal and information on fee waivers is available from BDS in the Development Services Center. Please see the appeal form for additional information.

The file and all evidence on this case are available for your review by appointment only. Please call the Request Line at our office, 1900 SW Fourth Avenue, Suite 5000, phone 503-823-7617, to schedule an appointment. I can provide some information over the phone. Copies of all information in the file can be obtained for a fee equal to the cost of services. Additional

information about the City of Portland, city bureaus, and a digital copy of the Portland Zoning Code is available on the internet at <u>www.portlandonline.com</u>.

Attending the hearing. If this decision is appealed, a hearing will be scheduled, and you will be notified of the date and time of the hearing. The decision of the Landmarks Commission is final; any further appeal must be made to the Oregon Land Use Board of Appeals (LUBA) within 21 days of the date of mailing the decision, pursuant to ORS 197.620 and 197.830. Contact LUBA at 775 Summer St NE, Suite 330, Salem, Oregon 97301-1283, or phone 1-503-373-1265 for further information.

Failure to raise an issue by the close of the record at or following the final hearing on this case, in person or by letter, may preclude an appeal to the Land Use Board of Appeals (LUBA) on that issue. Also, if you do not raise an issue with enough specificity to give the Landmarks Commission an opportunity to respond to it, that also may preclude an appeal to LUBA on that issue.

Recording the final decision.

If this Land Use Review is approved the final decision must be recorded with the Multnomah County Recorder. A few days prior to the last day to appeal, the City will mail instructions to the applicant for recording the documents associated with their final land use decision.

- Unless appealed, The final decision may be recorded on or after **Tuesday**, March 24, 2015 (the day following the last day to appeal).
- A building or zoning permit will be issued only after the final decision is recorded.

The applicant, builder, or a representative may record the final decision as follows:

- By Mail: Send the two recording sheets (sent in separate mailing) and the final Land Use Review decision with a check made payable to the Multnomah County Recorder to: Multnomah County Recorder, P.O. Box 5007, Portland OR 97208. The recording fee is identified on the recording sheet. Please include a self-addressed, stamped envelope.
- In Person: Bring the two recording sheets (sent in separate mailing) and the final Land Use Review decision with a check made payable to the Multnomah County Recorder to the County Recorder's office located at 501 SE Hawthorne Boulevard, #158, Portland OR 97214. The recording fee is identified on the recording sheet.

For further information on recording, please call the County Recorder at 503-988-3034 For further information on your recording documents please call the Bureau of Development Services Land Use Services Division at 503-823-0625.

Expiration of this approval. An approval expires three years from the date the final decision is rendered unless a building permit has been issued, or the approved activity has begun.

Where a site has received approval for multiple developments, and a building permit is not issued for all of the approved development within three years of the date of the final decision, a new land use review will be required before a permit will be issued for the remaining development, subject to the Zoning Code in effect at that time.

Applying for your permits. A building permit, occupancy permit, or development permit may be required before carrying out an approved project. At the time they apply for a permit, permittees must demonstrate compliance with:

- All conditions imposed herein;
- All applicable development standards, unless specifically exempted as part of this land use review;
- All requirements of the building code; and
- All provisions of the Municipal Code of the City of Portland, and all other applicable ordinances, provisions and regulations of the City.

EXHIBITS

NOT ATTACHED UNLESS INDICATED

- A. Applicant's Submittal
 - 1. Applicant's Statement
 - 2. Site Photos
- B. Zoning Map (attached)
- C. Plans/Drawings:
 - 1. Plot Plan with Notes
 - 2. Site Plan (attached)
 - 3. Existing Basement Plan
 - 4. Existing First Floor Plan
 - 5. Proposed First Floor Plan (attached)
 - 6. Existing Second Floor Plan with Proposed Roof to New Addition
 - 7. Existing Elevations: South and East
 - 8. Proposed Elevation: East (attached)
 - 9. Proposed Elevation: South (attached)
 - 10. Proposed Section: South
 - 11. Manufacture's cut sheet: Proposed Door
 - 12. Manufacture's cut sheet: Proposed Windows
- D. Notification information:
 - 1. Mailing list
 - 2. Mailed notice
- E. Agency Responses:
 - 1. Water Bureau
 - 2. Life Safety/Building Code Section of the Bureau of Development Services
 - 3. Bureau of Parks, Forestry Division
 - 4. Bureau of Development Services Land Use Review
- F. Correspondence:

Dean P. Gisvold, on behalf of the Irvington Neighborhood Association, received March 02, 2015; no objections

- G. Other:
 - 1. Original LU Application
 - 2. Site Visit Photos
 - 3. Irvington Historic District Information
 - 4. Previous permits associated with the site

The Bureau of Development Services is committed to providing equal access to information and hearings. Please notify us no less than five business days prior to the event if you need special accommodations. Call 503-823-7300 (TTY 503-823-6868).







GLAVAN KITCHEN REMODEL

2714, NE 18TH STREET PORTLAND, OREGON 97212

	NTS Jan 19, 2015	A1
PLOT PLAN AND NOTES	SCALE	2

REPLECTED CELLING AND ELEC. PLAN

A10

INTEROR DETAILS

STRUCTURAL DETAILS

EXISTING ELEVATIONS TO BE ALTERED

EAST ELEVATION

A8.1

A6.2 i i

SECTION AND WALL SECTION

14 2 2 15

INTEROR FLEVATIONS INTEROR ILL'ATIONS SOUTH ELEVATION

PARTIAL SECOND FLOOR PLAN W/ EXISTO AND NEW CONSTRUCTION DOSTING FIRST FLOOR PLAN

44.1

2 88

DOSTING BASEMENT PLAN NEW FIRST FLOOR PLAN

SITE PLAN

2

PLOT PLAN AND NOTES

- 14 43 **

KITCHEN ADDITION AND REMODEL PROJECT DESCRIPTION

OMACRS BRADFORD AND CATHERINE GLAVAN 2714 NE DIGHTENTH ANDUE PORTLAND, OREGON 97212 PROJECT INFORMATION

LIST OF DRAWINGS



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APPLIANCES	REUSE ENSTING DISHWASHER REUSE DOSTING RENOE REUSE DOSTING REFIGERATOR	N340 NOLINANAD/ MANDAL WOOND 400 TT M BOOND 22	VBHT-A-HOOD, PRH6-K24 STAMLESS STEEL	5 WALL OVEN: DACOR MORSI27 WICHOWAR, PCONVECTION: DACOR DCM24 TRIM NOT: DACOR ACTIN27	BIANCO SOLON \$12336 COMPOST POT	PLUMBING FIXTURES	APPEND SMC. 34"-55 COLOR STAR P-cool 12 165 34"-55 COLOR STAR P-cool 12 165 CHC 55 SALP SERVER, WORL # X50, 62, 700 55 PRO 863 Sar 9 R CARALE DEFORM. MONTAN DEPOSAL SATTO, WORL CUTS//PRS	ELAND SWA TO BE SELECTED ELANY ECTIVITYS PRANT LOGG TO BE SELECTED FAUGT TO BE SELECTED	CABINETRY	OLSTON SHARE STILE CABAGETRY, PARIED SUCTORISMENT EDITION CADAGETRY DIROPCIAN MACCEL EDITION CADES WIN CABAGET PALLS TO BE SELECTED BY OWNER
NOTES	1. CONCRETE STRENGTH TO BE 3000PS 2. PROVIDE MIN OF 1% BEARING FOR ALL HEADERS AND 2% BEARING FOR ALL MACOR BEAMS	 CONTRACTOR TO VEREY ALL DIMENSIONS AND CONDITIONS ON STE AND TO NOTEY ADACHECT OF ANY ERROR PROSE TO COMMENCIATINT OF WORK. 	4. USE COMONT BACKER BOARD AT ALL AREAS TO RECEIVE CERANIC TLE DO UNATIONE SLASS AT ALL AREAS TO RECEIVE A DI OND BACKER BOARD AT ALL AREAS TO RECEIVE	Sú ria	ALC & DUT UNITIONS OUN SAME AND A REQUELT AN UNIT IN SOUL	SMOQNIM	одид нака многи нака многи нака многи и и и и и и и и и и и и и и и и и и	HALT SCHERS (1) AT BENSH SEAT, EAST ELEVATION, WUDH3020 ALL OTHER SPECE SAME AS ABOVE	DOORS	MTH RIACK DOORE SWESSA'S # 7010 W/ LOW E. 2015 BY 6 BY AND TOWING THEM AND OUT.

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PROJECT ADDRESS 2714 NE EIGHTEENTH AVENUE PORTLAND, OREGON 97212	TAX ID NO R188153	LEGAL RYANGTON, BLOCK 39, N35' OF LO AND S & OF LOT 13	LOT 12, 13 BLOCK 39 R5 ZOWING	BUILDING AND SITE INFORM	LOT AREA: 6,000SF	HOUSE FOOTPRINT EXISTING: HOUSE FOOTPRINT EXISTING: TOTAL HOUSE FOOTPRINT GARAGE FOOTPRINT EXISTING TOTAL FOOTPRINT	ROOF AREA DOSTINO HOUSE ROOF AREA OF ADDITION CARAGE ROOF AREA TOTAL ROOF AREA	CHANCE IN PAVED AREAS	X OF IMPERVICUS SITE EXISTO	
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LU15-107995HR

EXH C-4





LU15-107995HR EXH C-6







EXHC-9



-1 95HR



GLAXAN REMODEL EAST ELEV. BACK DOOR



/iew Detailed Drawing

THERMAL FRENCH (TDL)

7010

SERIES: Exterior French & Sash Doors YPE: Exterior French & Sash

STANDARD FEATURES

Available in Any Wood Species

Available in Virtually Any Size

Textured Glass Options

Privacy Rating: 1

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Rev. #

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EXH <-V

GLAVAN KITCHEN WINDOWS

THE BENEFITS OF MARVIN® ULTIMATE DOUBLE HUNG WINDOWS

With advancements in engineering never imagined by homeowners of days gone by, Marvin brings the classic double hung window into the Ultimate Double Hung era, assuring that this classic style will be around for generations to come. Marvin's exclusive integrated till lever allows the sash to be tilted in with one hand or removed for easy cleaning. Choose from a variety of size options including our new taller sizes.



THE MARVIN PATENTED "EASY-TILT-RELEASE" ULTIMATE DOUBLE HUNG WINDOW



The sash in locked position



Unlocked position with tilt release activated



Sash tilting freely into the room

EXH C-12

LV 15-107995HR

WOOD ULTIMATE DOUBLE HUNG

CONSTRUCTION DETAILS







WOOD ULTIMATE DOUBLE HUNG / SINGLE HUNG

ENERGY DATA	U-Factor	SHGC	VT	CR	ENERGY STAR*
11/16" Insulating Glass Air	0.45	0.55	0.58	43	
11/16" Insulating Glass Air Low El	0.33	0.48	0.56	53	
11/16" Insulating Glass Argon Low E	0.29	0.48	0.56	56	N
11/36" Insulating Glass Argon Low E' w/Combination	0.21	0.44	0.51	67	N.
11/16" Insulating Glass Low E: Air	0.32	0.30	0.51	53	NC SC
17/16" Insurating Glass Low E: Argon	0.29	029	0.51	56	N, NG, SC
11/36" Insulating Glass Low E" Argon w/Combination	0.21	029	0.46	67	N, NC, SC
11/16" Insulating Glass Low E. Air	0.32	0.20	0.46	53	NC SC 5
11/16" Insulating Glass Low El Argon	0.28	0.20	0.46	57	N, NC, SC, S
11/16" Insulating Glass Low E: Argon w/Combinition	0.20	13:21	0.42	68	N.NC. SC. S
7/8" Tripane Low E' Argon Low E	0.25	040	0.49	64	N.NC
7/8" Tribane Low E'Krypton-Argon Low F.	0.22	040	0.49	67	NINC
7/8" Tripane Low E' Argon Low E	0.24	0.25	0,40	64	N.NC.SC.S
7/8" Tripane Low E: Krypton-Argon Low E	0.22	0.25	0.40	67	N.NC. SC.S
7/8" Tribane Low E' Argon Low E	0.24	018	0.40	64	N.NC. SC.S
7/8' Topane Low E' Krypton-Argon Low E'	022	018	0.40	67	N, NC, SC 5

W15-107995HR EXH <-12

CONTOSCALE.

14