Si necesita ayuda para comprender esta informacion, por favor llame 503-588-6173

DECISION OF THE PLANNING ADMINISTRATOR

HISTORIC DESIGN REVIEW CASE NO.: HIS19-10

APPLICATION NO. : 19-106011-DR

NOTICE OF DECISION DATE: MARCH 22, 2019

SUMMARY: A proposal to repair the brick wall and replace the windows on the rear façade of the South Eldridge Block (1889).

REQUEST: Minor Historic Design Review of a proposal to repair the brick wall and repair six windows on the west and east façades of the South Eldridge Block (1889), a historic contributing building in the Salem Downtown Historic District in the CB (Central Business District) zone, and located at 240-254 Commercial Street NE - 97301 (Marion County Assessor Map and Tax Lot Number: 073W22DC08400).

APPLICANT: Jon Stadick of Pioneer Trust Bank on behalf of PDQ Investments, LLC

LOCATION: 240-254 Commercial St NE

CRITERIA: Salem Revised Code (SRC) Chapters 230.040(a) and (b)

FINDINGS: The findings are in the attached Decision dated March 22, 2019.

DECISION: The **Historic Preservation Officer (a Planning Administrator Designee) APPROVED** Historic Design Review HIS19-10 based upon the application materials deemed complete on March 21, 2019 and the findings as presented in this report.

This Decision becomes effective on April 9, 2019. No work associated with this Decision shall start prior to this date unless expressly authorized by a separate permit, land use decision, or provision of the Salem Revised Code (SRC).

The rights granted by the attached decision must be exercised, or an extension granted, by <u>April 9, 2021</u> or this approval shall be null and void. A copy of the decision is attached.

Application Deemed Complete: March 21, 2019
Notice of Decision Mailing Date: March 22, 2019
Decision Effective Date: April 9, 2019
State Mandate Date: July 19, 2019

Case Manager: Kimberli Fitzgerald, kfitzgerald@cityofsalem.net, 503-540-2397

This decision is final unless written appeal from an aggrieved party is filed with the City of Salem Planning Division, Room 305, 555 Liberty Street SE, Salem OR 97301, no

HIS19-10 Decision March 22, 2019 Page 2

later than 5:00 p.m., Monday, April 8, 2019. The notice of appeal must contain the information required by SRC 300.1020 and must state where the decision failed to conform to the provisions of the applicable code section, SRC Chapter 230. The appeal must be filed in duplicate with the City of Salem Planning Division. The appeal fee must be paid at the time of filing. If the appeal is untimely and/or lacks the proper fee, the appeal will be rejected. The Historic Landmarks Commission will review the appeal at a public hearing. After the hearing, the Historic Landmarks Commission may amend, rescind, or affirm the action, or refer the matter to staff for additional information.

The complete case file, including findings, conclusions and conditions of approval, if any, is available for review at the Planning Division office, Room 305, City Hall, 555 Liberty Street SE, during regular business hours.

http://www.cityofsalem.net/planning

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Si necesita ayuda para comprender esta informacion, por favor llame 503-588-6173

BEFORE THE PLANNING ADMINISTRATOR OF THE CITY OF SALEM

HISTORIC DESIGN REVIEW CASE NO. HIS19-10 DECISION

IN THE MATTER OF APPROVAL OF) MINOR HISTORIC DESIGN REVIEW
HISTORIC DESIGN REVIEW)
CASE NO. HIS19-10)
240-254 COMMERCIAL STREET NE)
) MARCH 22, 2019

In the matter of the application for a Minor Historic Design Review submitted by Jon Stadick on behalf of PDQ Investments, LLC, the Historic Preservation Officer (a Planning Administrator Designee), having received and reviewed evidence and the application materials, makes the following findings and adopts the following order as set forth herein.

REQUEST

SUMMARY: A proposal to repair the brick wall and repair the six windows on the west and east façades of the South Eldridge Block (1889).

REQUEST: Minor Historic Design Review of a proposal to repair the brick wall and repair six windows on the west and east façades of the South Eldridge Block (1889), a historic contributing building in the Salem Downtown Historic District in the CB (Central Business District) zone, and located at 240-254 Commercial Street NE - 97301 (Marion County Assessor Map and Tax Lot Number: 073W22DC08400).

A vicinity map illustrating the location of the property is attached hereto, and made a part of this decision (Attachment A).

DECISION

APPROVED based upon the application materials deemed complete on March 21, 2019 and the findings as presented in this report.

FINDINGS

1. Minor Historic Design Review Applicability

SRC230.020(f) requires Historic Design Review approval for any alterations to historic resources as those terms and procedures are defined in SRC 230. The Planning Administrator shall render a decision supported by findings that explain conformance or lack thereof with relevant design standards, state the facts relied upon in rendering the decision, and explain justification for the decision.

2. Analysis of Minor Historic Design Review Approval Criteria

Finding: The applicant is proposing to repair the brick wall and repair six windows on the west and east façades of the South Eldridge Block. Staff determined that the following standards from SRC 230.040(a) and (b) *Standards for Contributing Resources in Commercial Historic Districts, (a)Masonry, Siding and Exterior Trim and (b)Windows* are applicable to this project.

FINDINGS:

- (a) Masonry, Siding and Exterior Trim.
- (1) Materials.
- (A) Original material shall, if possible, be retained or repaired.

Finding: The applicant is proposing to grind and re-tuck approximately 250 square feet of brick masonry mortar joints on the east façade, second story of the resource. The applicant is proposing to salvage as much historic material as possible while dismantling and reconstructing the wall. It will be necessary to install a steel lintel above the windows prior to reconstructing the flat arch. Where brick is not salvageable, the applicant will utilize brick to match. Staff finds that this standard has been met.

(B) Replacement materials shall be, to the greatest degree possible, of the same type, quality, design, size, finish, proportions, and configuration of the original materials.

Finding: The applicant is proposing utilize replacement brick that matches to the greatest degree possible the existing brick on the exterior of the resource. Staff finds that this standard has been met.

(2) Design.

(A) New materials added to a building shall, to the greatest degree possible, match the color, texture and bonding pattern of the original masonry.

Finding: The applicant is proposing to salvage and reuse a majority of the existing brick on the exterior of the resource. Where it is not feasible to salvage the existing brick due to its poor condition, the applicant will utilize brick that matches the existing to the greatest degree possible. Staff finds that this standard has been met.

(B) When repointing brick or masonry, the joint size, profile, color, strength, porosity and permeability of the original mortar should be matched.

Finding: The applicant is proposing to utilize a Type N mortar blend which is appropriate for use on the exterior of this historic resource. Staff finds that this standard has been met.

(C) Unpainted masonry should not be painted or sealed.

Finding: The applicant is not proposing to paint or seal the brick. Staff finds that this standard has been met.

HIS19-10 Decision March 22, 2018 Page 3

(D) Paint should not be removed from brick unless testing demonstrates that no damage to the brick will result.

Finding: The applicant is not proposing to remove paint from the brick. Staff finds that this standard is not applicable to the evaluation of this proposal.

(E) The original appearance of the original materials shall be retained, including early signage, whenever possible.

Finding: The applicant is not proposing to substantially alter the exterior appearance of the brick wall at the rear of the structure. The addition of the steel lintel is necessary to reinforce the wall, and will not substantially alter the exterior. Staff finds that this standard has been met.

Criteria: 230.040(b) Windows.

- (1) Materials.
- (A) Original material shall, if possible, be retained or repaired.

Finding: The applicant is proposing to repair the windows on the exterior of the resource. Staff finds that this standard has been met.

(B) Replacement materials shall be, to the greatest extent practicable, of the same type, quality, design, size, finish, proportions, and configuration of the original materials in the windows.

Finding: Should it be necessary to replace any portion of the windows due to their poor condition, the applicant will match the material of the windows to the greatest degree possible. Staff finds that this standard has been met.

(C) Glass block or tinted, mirrored, opaque, or colored glass is not permitted, unless it is the historic glazing type.

Finding: The applicant is not proposing to install glass block or tinted, mirrored, opaque or colored glass. Staff finds that this standard has been met.

(2) Design.

(A) A replacement window shall, to the greatest extent feasible, match design, size, proportions, configuration, reflective qualities, and profile of the original window.

Finding: The applicant is not proposing to replace the existing windows. Should it be necessary to replace any portion of the window due to their poor condition, the applicant will match the existing design to the greatest degree feasible. Staff finds that this standard has been met.

(B) The size and shape of original window openings should be preserved so that the configuration of the facade is not changed.

HIS19-10 Decision March 22, 2018 Page 4

Finding: The applicant is proposing to repair and re-install the windows within the original window openings, restoring their original appearance. Staff finds that this standard has been met.

(C) New window openings into the principal elevations, enlargement or reduction of original window openings and infill of original window openings are not permitted.

Finding: The applicant is not proposing to create any new window openings and is not proposing to enlarge, reduce or infill any original openings. Staff finds that this standard has been met.

(D) Original openings that have been covered or blocked should be re-opened when feasible.

Finding: The applicant is not proposing to reopen covered or blocked openings. Staff finds that this standard is not applicable to the evaluation of this proposal.

(E) Windows historically used on upper levels shall not be installed at storefront level, and storefront windows shall not be installed on upper levels.

Finding: The applicant is not proposing storefront type windows on the upper levels and is not proposing new windows on the storefront level. Staff finds that this standard has been met.

(F) Commercial window types shall not be substituted with residential window types.

Finding: The applicant is not proposing a commercial window type for the restoration of these two windows. Staff finds that this standard has been met.

(G) Interior grilles, grilles between layers of insulating glass, or stenciled mullions in lieu of true divided lights or exterior mullions are not permitted.

Finding: The applicant is not proposing windows with interior grilles or stenciled mullions. Staff finds that this standard has been met.

DECISION

Based upon the application materials deemed complete on March 21, 2019 and the findings as presented in this report, the application for HIS19-06 is **APPROVED.**

Kimberli Fitzgerald, AICP
Historic Preservation Officer
Planning Administrator Designee

Lundi Stryndel

HIS19-10 Decision March 22, 2018 Page 5

Attachments: A. Vicinity Map

B. Applicant's Submittal Materials

Application Deemed Complete: March 21, 2019
Notice of Decision Mailing Date: March 22, 2019
Decision Effective Date: April 9, 2019
State Mandate Date: July 19, 2019

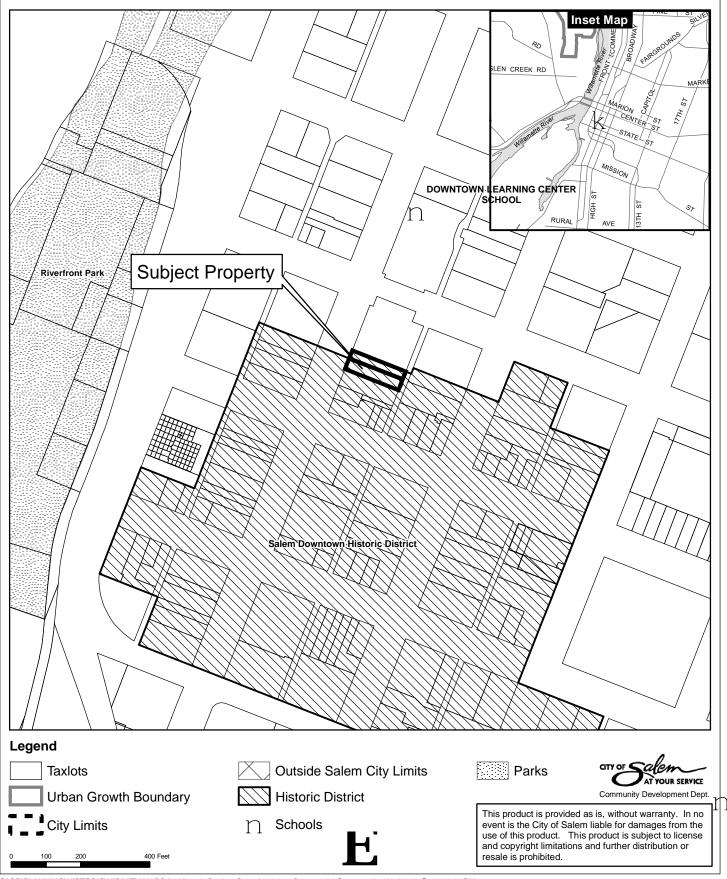
This Decision becomes effective on **April 9, 2019.** No work associated with this Decision shall start prior to this date unless expressly authorized by a separate permit, land use decision, or provision of the Salem Revised Code (SRC).

The rights granted by this decision must be exercised by **April 9, 2021** or this approval shall be null and void.

This decision is final unless written appeal from an aggrieved party is filed with the City of Salem Planning Division, Room 305, 555 Liberty Street SE, Salem, OR 97301, no later than **5:00 p.m., Monday, April 8, 2019.** The appeal must state where the decision failed to conform to the provisions of the historic preservation ordinance (SRC Chapter 230). The appeal must be filed in duplicate with the City of Salem Planning Division. The appeal fee must be paid at the time of filing. If the appeal is untimely and/or lacks the proper fee, the appeal will be rejected. The Salem Historic Landmarks Commission will review the appeal at a public hearing. After the hearing, the Historic Landmarks Commission may amend, rescind, or affirm the action, or refer the matter to staff for additional information.

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Vicinity Map 240-254 Commercial Street NE



Case No. HIS19-10

Historic Alteration Review Worksheet

Site Address: 254-260 Commercial ST NE Saleur OR 97301		
Resource Status: Contributing 🗹 Non- Contributing 🗆 Individual Landmark 🗅		
Type of Work Activity Proposed:	Major □ Minor,≰	
Chose One: Commercial District Residential District		Public District a
Replacement, Alteration, Restoration or Addition of:		
Architectural Feature:	Landscape Feature:	New:
□ Awning	□ Fence	☐ Addition
□ Door	□ Streetscape	☐ Accessory Structure
☐ Exterior Trim, Lintel	☐ Other Site feature (describe)	□ Sign
☐ Other architectural feature		□ Mural
□ Roof/Cornice		□ Accessibility Ramp
Masonry/Siding €		☐ Energy Improvements
□ Storefront	_	☐ Mechanical Equipment
Window(s) Number of windows:	<u>4_</u>	□ Primary Structure
Will the proposed alteration be visible from	om <u>anv</u> public right-of-way?	Yes Alley No
Project's Existing Material: BRICK	₹ ₩₩₩₩S Project's New I	Material: BRICK & WINDOWS
Project Description		
Briefly provide an overview of the type of work proposed. Describe how it meets the applicable design criteria in SRC Chapter 230. Please attach any additional information (i.e., product specification sheets) that will help staff and the HLC clearly understand the proposed work:		
SEE EXHIBIT "A" ATTACLES		
PDQ Investments, LC Pioneer Trist Bank, N.A., Tristee		
Signature of Applicant MEMBER	Willie C. Davis	25-February-2019 Date Submitted/Signed
City of Salem Permit Application Center – 555 Liberty Street SE / Room 320 – Salem, OR 97301 / (503) 588-6213		



To Whom It May Concern:

We were requested to provide a proposal to grind and re-tuck approximately 250 sq/ft of brick masonry mortar joints on the second story, eastside of 254 Commercial St. NE – Salem, OR.

Upon closer examination of the wall mentioned above, we found severe cracking of the mortar joints and missing brick at the NE corner of the second story. Even more so, the "Flat – Bounded Arch" of the most Northern Window on the East Elevation, we found that the brick on the window crossover has dropped 2" inches and has rolled out proud of the building almost 2" inches as well.

Please see pictures below:





We took immediate action in shoring the Existing brick to avoid collapse.

The brick needs to be dismantled from the top of the wall, down to the bottom of the arch and then reconstructed in its original fashion.

After removal, I would suggest a Steel Lintel being place at the crossover for strength and longevity as the "Flat Arch" is the weakest arch constructed but it would still keep its historic integrity

Both windows on the second story east elevation are have severe dry rot and need to be replace.

The northern window will need to be removed to rebuild the Flat Arch correctly and I have little confidence it can be salvaged.

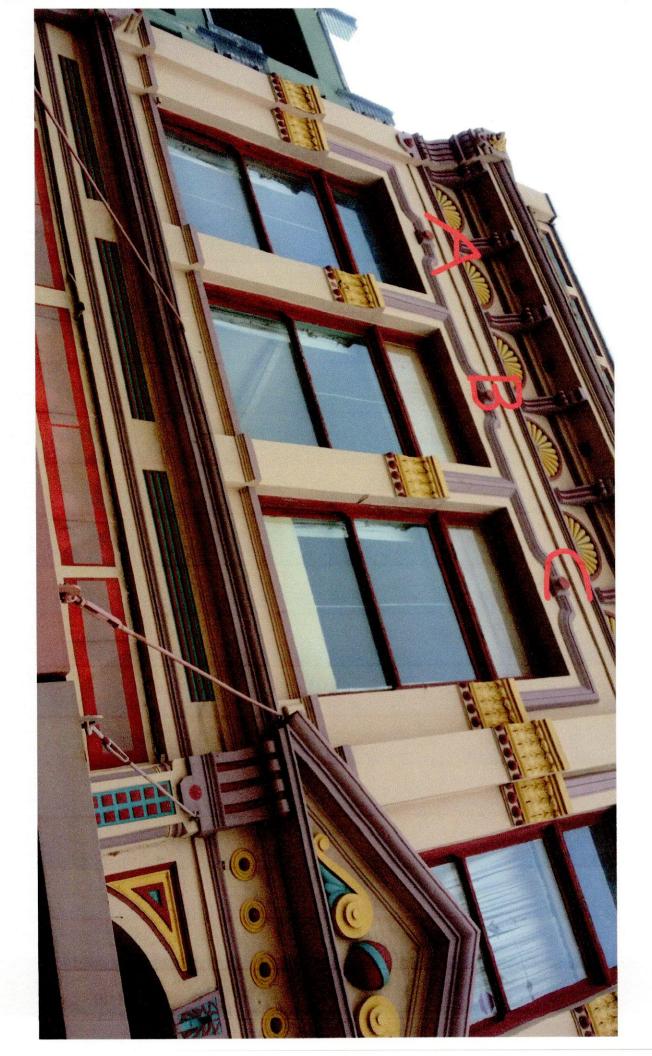
Regards, Andrew Martin

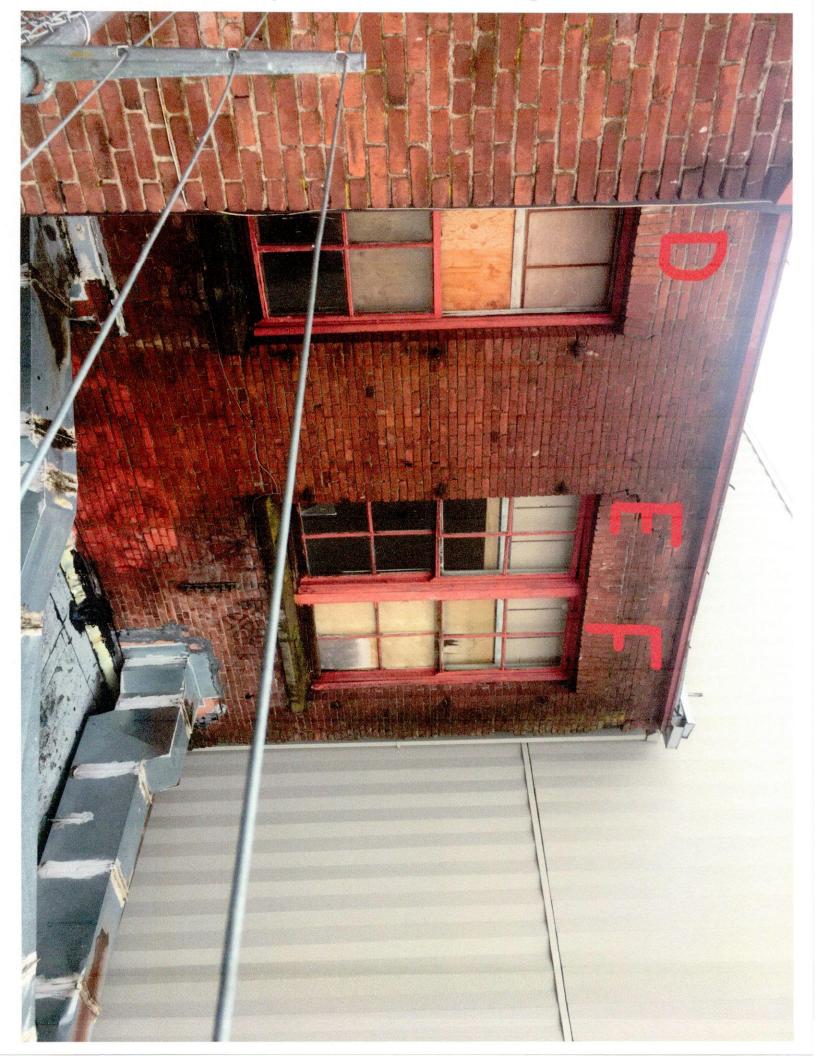












A

$Window\ Assessment-Exterior$

Date: 16/2019 Building: 2)	A NE Connectal ST
	Location: Front unit A
	Window Description: Double Hung W Tanson
	Sill: Fair
	Remove paint
	Repair
	Replace
	Frame Trim: fai
Click to insert photo	Remove paint
	Repair
	Replace
	Sash/Muntins/Leading:
	Remove paint
	Repair
	Replace
	Glazing Putty: 61
	% to repair
	% to replace 100
Dimensions of window:	70 0 10 10 10 10 10 10 10 10 10 10 10 10
.1 6	Glazing: Plate
4×8	Old
	□ New
	☐ Broken
Remarks:	Hardware Description:
	Remove paint
Basic Repairs/ firish renoval	Missing
repaint + glaze	
Overall Condition:	r

A

Window Assessment - Interior

Date: 3/6/2019 Building: 259	NE Commercial st
	Location Front wilt B
	Window Description: Double Hung W Tanson
	Stool: Crood
	Remove paint
	Repair
1 v	Replace
Click to insert whoto	Frame/Pulley/Stiles:
Click to insert photo	Repair
	Replace
	Sash/Muntins/Leading:
	Remove paint
	Repair
	Replace
	Trim: C1600
	Remove paint
	Bepair
Dimensions of window:	Replace
	Hardware Description: Good
488	Remove paint
	Missing
	Ropes/Chains: Logle
	Replace
Remarks:	
Leave tring server point or Soul + Jan 5	Weatherstripping:
Overall Condition	1

Window Assessment - Exterior

Date: 3/6/2019 Building: 254 NE Commercial St Window Description: Double hong of Transon Sill: Fix Remove paint Repair Replace Frame/Trim: Click to insert photo Remove paint Repair Replace Sash/Muntins/Leading: Remove paint Repair Replace Glazing Putty: 0 1 % to repair O % to replace 100 Dimensions of window: Glazing: Plate 4×8 New Broken Hardware Description: Bosic repair of First removal

Overall Condition:





Remove paint Missing

3

Window Assessment - Interior

Date: 3/6/2019 Building: 261	NE Commercial St
	Window Description: Double hung w/ Transon
	Stool: Good Remove paint Repair Replace
Click to insert photo	Frame/Pulley/Stiles: Remove paint Repair Replace Sash/Muntins/Leading:
	Repair Replace Trim: Social Remove paint Repair
Dimensions of window:	Hardware Description: Remove paint Missing Ropes/Chains:
Remarks: Process Sash & Sanb Component	Replace

Overall Condition:

7

$Window\ Assessment-Exterior$

Date: 3/6/2019 Bu	ilding: 254	NE Connerial St
Click to insert photo		Window Description: Double Lay Vanjon Sill: Fair Remove paint Repair Replace Frame/Trim: Repair Replace Sash/Muntins/Leading: Remove paint Repair Replace Sash/Muntins/Leading: Remove paint Repair Replace Sash/Muntins/Leading: Replace Glazing Putty: Only to replace
Dimensions of window: 4x8 Remarks: Basic repairs + se fil	-134	Glazing: Old Old New Broken Hardware Description: Pa T Remove paint Missing
Over	all Condition:	

Window Assessment - Interior

Date: 3/6/2019 Building: 254	NE Commorcial st
	Window Description: Double Hun V Transom
	Stool: Remove paint Repair
Click to insert photo	Replace Frame/Pulley/Stiles:
	Repair Replace Sash/Muntins/Leading:
	Repair Replace Trim: Cross Remove paint
Dimensions of window:	Repair Replace
4×8	Hardware Description: Remove paint Missing
Remarks: Occass Mings react	Ropes/Chains: Rape
Basic Process Minor repair + re-finish Overall Condition:	Weatherstripping:

Window Assessment - Exterior

Date: 3/6/2019 Building: 254	NE Connercial St
	Location: Year unit D
	Window Description: Double Hay 4-life
	Sill: Remove paint
	Repair
	Replace
	Frame/Trim: Remove paint
	Repair
	Replace
	Sash/Muntins/Leading:
	Remove paint
	Repair
	Glazing Putty:
	% to repair
	% to replace 100
Dimensions of window:	78 to septice 300
3×8	Glazing: U-1:1e
	Old
	New
Remarks: Pasic repair & refinish	Hardware Description:
	Hardware Description:
	Missing
	boood 50
	116 0



Window Assessment - Interior

Date: 3/6/2019 Building: 254	NE Connercial st
	Back wit D Window Description:
	Double Hung Stool: Grood
	Remove paint Repair
Click to insert photo	Replace Frame/Pulley/Stiles: Remove paint
Servers to History printed	Repair Replace
	Sash/Muntins/Leading: Remove paint Repair
	Replace Trim:
	Remove paint Repair Replace
Dimensions of window:	
3×8	Hardware Description: Remove paint Missing
	Ropes/Chains: Rope Replace
Basic repairs + refinish	Weatherstripping:

Window Assessment - Exterior

Date: 3/6/2019 Building: 254 NE Corneraid St

	Location: Kear wit E Window Description: Double Hing 4-life Sill: Fri- Remove paint
	Replace Frame/Trim: Remove paint Replace Replace Sash/Muntins/Leading: Remove paint
Dimensions of window:	Repair Replace Glazing Putty: 0 1/2 % to repair 0 2/2 % to replace 100
3×6	Glazing: Nate Old New Broken
Remarks: Standar process: Basic repairs Tefinish	Hardware Description: Remove paint Missing

Overall Condition:



Window Assessment - Interior

Date: 3/6/2019 Building: 2	59 NE Commercial St
	Rear unit E
	Window Description: Double Hung 4-life
	Stool: 3000
	Remove paint
	Replace
	Frame/Pulley/Stiles:
Click to Insert photo	Remove paint
	Repair
	Replace
	Sash/Muntins/Leading: Pa:
	Remove paint
	Repair
	Replace
	Trim: agod
	Remove paint
	Repair
	Replace
Dimensions of window:	P. Replace
Difficusions of window.	Hardware Description:
3× 2	Remove paint
)~ 0	Missing
	Ropes/Chains: Y D
D	Replace
Basic repairs + refinish	
Basic repairs t retiresh	Weatherstripping:
	Replace

Window Assessment - Exterior

Date: 1 6/ 2019 Building: 259	NE Commercial 4
	NE Commercial St Location: Kear unit F
	Window Description: Double Hung 4-life
	Sill: Remove paint
	Repair Replace
	Frame/Trim:
	Repair Replace
	Sash/Muntins/Leading:
	Remove paint Repair
	Replace
	Glazing Putty: O W
	% to replace /OO
3×6	Glazing: Plate
	New Broken
Basic repairs of refinish	Hardware Description: Remove paint Missing

Overall Condition:



7

Window Assessment - Interior

	Location: Kear unit I
	Window Description:
	Double Hung 4-1 ite
•	Stool: Grand
	Remove paint
	Ropair
	Replace
	Frame/Pulley/Stiles:
Click to insert photo	Remove paint
	Repair
	Replace
	Sash/Muntins/Leading:
	Remove paint
	Repair
	Replace
	Trim: Cond
	Remove paint
	Repair
	Replace
mensions of window:	
,	Hardware Description:
3×6	Remove paint
,	Missing
	Ropes/Chains: Koll
	Replace
emarks:	
Basic repairs trefinish	Weatherstripping
	Replace



MUTUAL - TARGET L.L.C.

QUALITY PACKAGED CEMENTS & MORTARS

3150 29th Ave SW, Tumwater, WA 98512 (360) 705-6508 Voice (360) 705-4891 Fax

January 3, 2017

To Whom It May Concern:

This letter is to certify that the DESIGNMIX TYPE N mortar blended in our plant meets or exceeds the Property Specification Requirements of ASTM C270-14a and ASTM C1714/C1714M-13a and IBC 2103.8 (2009) and IBC 2103.9 (2012). DESIGNMIX TYPE N exceeds in particular 750 psi compressive strength; has an air content less than 12%; and has greater than 75% water retention when tested in accordance with ASTM C270-14a Property Specification requirements. The aggregate of DESIGNMIX TYPE N mortar meets the requirements of ASTM C144.

DESIGNMIX TYPE N mortar contains 5% post-industrial recycled materials and contains 73% 500-mile-radius regional materials.

DESIGNMIX TYPE N mortar is a blend of carefully controlled fine aggregate and cementitious materials to include Type I-II portland cement and Chemstar Type S Dolomitic Hydrated Lime. These materials are blended together and mixed in our computer controlled bagging plant. In-house, full time, quality-control personnel daily test the product for consistency and performance.

Sincerely,

Jeff Thompson

Quality Control Manager Dry Mix Bag Plant

Mutual-Target, L.L.C.



MUTUAL - TARGET

QUALITY PACKAGED CEMENTS & MORTARS

3150 29th Ave SW, Tumwater, WA 98512 (360) 705-6508 Voice (360) 705-4891 Fax

As of January, 2017

TYPICAL PROPERTIES

PRODUCT:

DESIGNMIX MORTAR TYPE-N

SOURCE:

80lb Bag

TECHNICIAN:

Jalo

DATE SAMPLED:

10/5/2017

TIME SAMPLED:

10:00

DATE TESTED:

10/5/2017

TEST METHOD:

NOTES:

According to ASTM C270-14a Property Specifications & ASTM C1714-13a

COMPRESSIVE STRENGTH

NOTT			
Test Data and	ASTM C270		
Results	Requirement		
3000.0			
569.0	Not Consided		
19.0	Not Specified		
4.45			
113	110 <u>+</u> 5		
8.0	<12		
69			
50	Not Specified		
65			
83	>75		
Excellent	Not Specified		
	Results 3000.0 569.0 19.0 4.45 113 8.0 69 50 65 83		

Age	Compressive Strength, psi		
7 days	580	Not Specified	
28 days	1080	>750	

SAND GRADATION

Meets specifications.

Jeff Thompson

Quality Control Manager Dry Mix Bag Plant

MUTUAL-TARGET, L.L.C.

Structural Calculations for Reconstructed Masonry Lintel

Location: 254 Commercial Street NE

Salem, OR 97301

Contractor: Andrew Martin

(503) 932-3235

Pacific, LLC

117 Commercial Street NE, Suite 215

Salem, OR 97301

Structural

Engineer: Douglas S. Meltzer, PE, SE

(503) 399-1399

MSC Engineers, Inc.

3470 Pipebend Place NE, Suite 120

Salem, OR 97301

Scope: Existing turn-of-the century unreinforced brick masonry lintel facing

east above windows is failing. We have been asked to size a steel lintel to add reinforcing underneath this masonry lintel to provide

long term support.

Code: 2012 IBC Amended by Oregon Structural Specialty Code with 2014

revisions.

2012 International Building Code.

Index: Existing Wall Elevations SK1

Load Calculation and Section SK2

Limitations: Engineer was retained in a limited capacity for this project. Design

is based upon information provided by the client, who is solely responsible for the accuracy of same. No responsibility and/or liability is assumed by or is to be assigned to the Engineer for items

beyond those shown on these sheets.



JOB NO.	190241	SHEET NO.			
MADE BY	DSM		DATE	Feb 2019	
CLIENT	Pacific, LLC				
PROJECT	254 Commercial Street NE Lintel				

ELEVATION (EAST) of 254 COMMERCIAL STREET N.E. SCALE: 3/8"=1-0"

TOP of PANAPET -(N) LLOX4 x 5/16 LINTEL & 7 (N) L8x4x1/2 LINTEL 3-Existing Concrete WALL PRECAST CONC SILL PRECAST CONC SILL

TOP OF LOWER ROOF]



FILE NO	190241	SHEET NO	5K1	
MADE BY_	DSM	D	ATE FEB	2019
CLIENT	PACIFIC	LLC		
PROJECT_	254 G	MMERCIAL ST.	NE LIN	TEL

NEW LINTEL STEEL

SPAN = 8-10"

WOL = 86 psf x Z-9" = 236.5p0f.

M= 236.5 x 8.52 x12/8 = 25,630

SNEDO = 25630/20,000 = 1,28

A= 0.1421"=> 4717.7 ~

L8x4x/2 S= 2.15

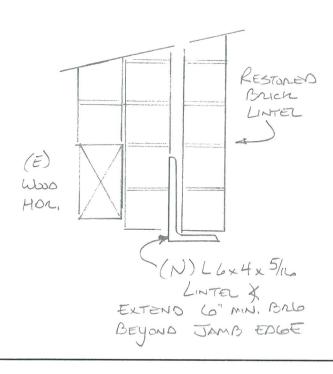
SPAN = 4-4"

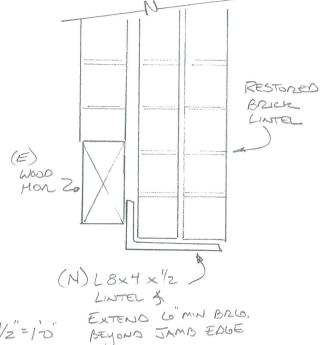
WOL = 236.5 plf.

M = 236.5 x 4.332 x 12/8 = 6651

A = 0,0057"=> 4/9183 V

SREW'O = 6651/20,000 = 0.333 L6x4x916 S= 2.79





SALE: 1/2=10



FILE NO	190241	SHEET NO	SKZ	
MADE BY_	DSM	DAT	FEB	2019
CLIENT	PACIFIC, LLC		2	
DDO IECT	254 CAMEDI	1115	15	1,175