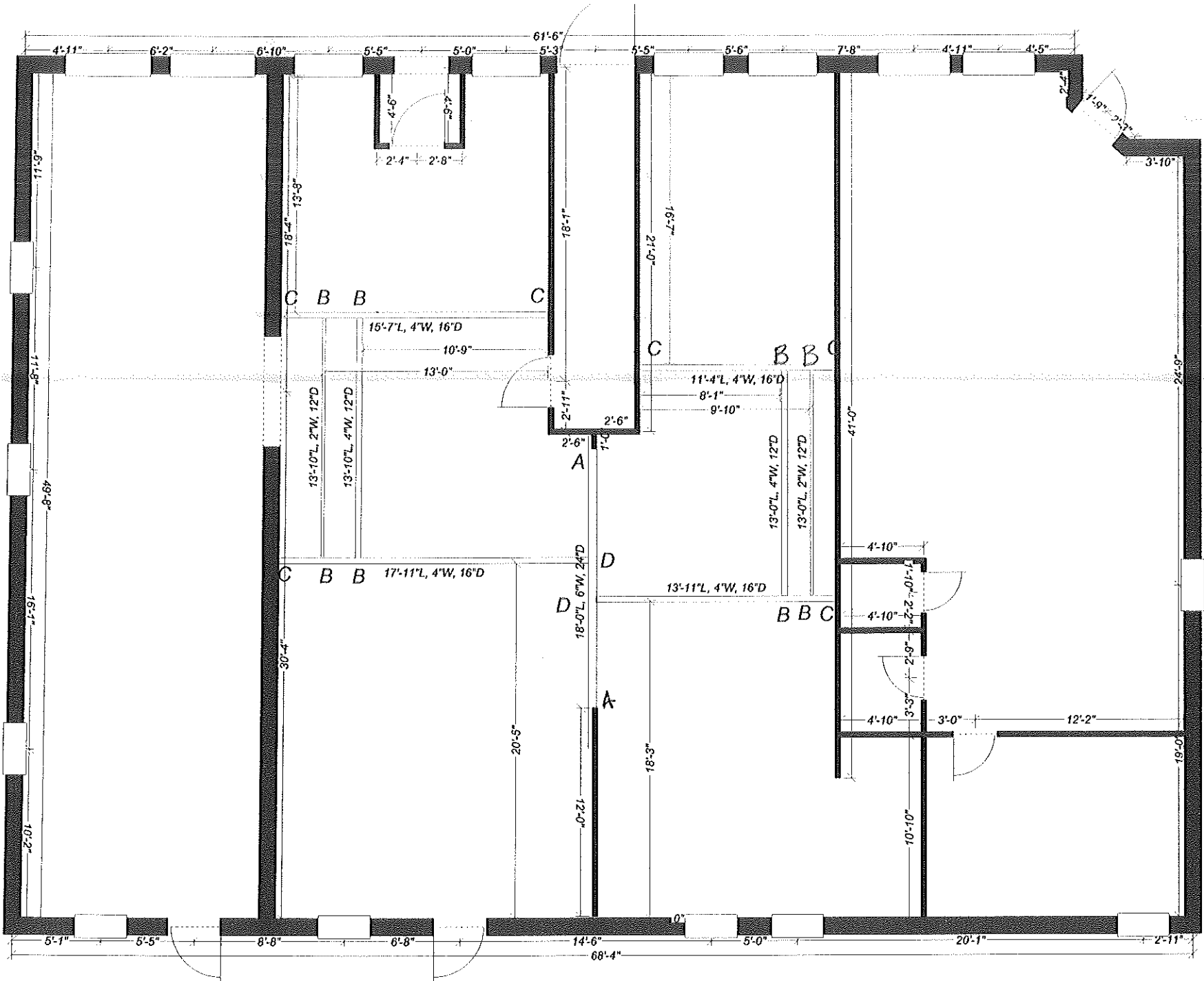
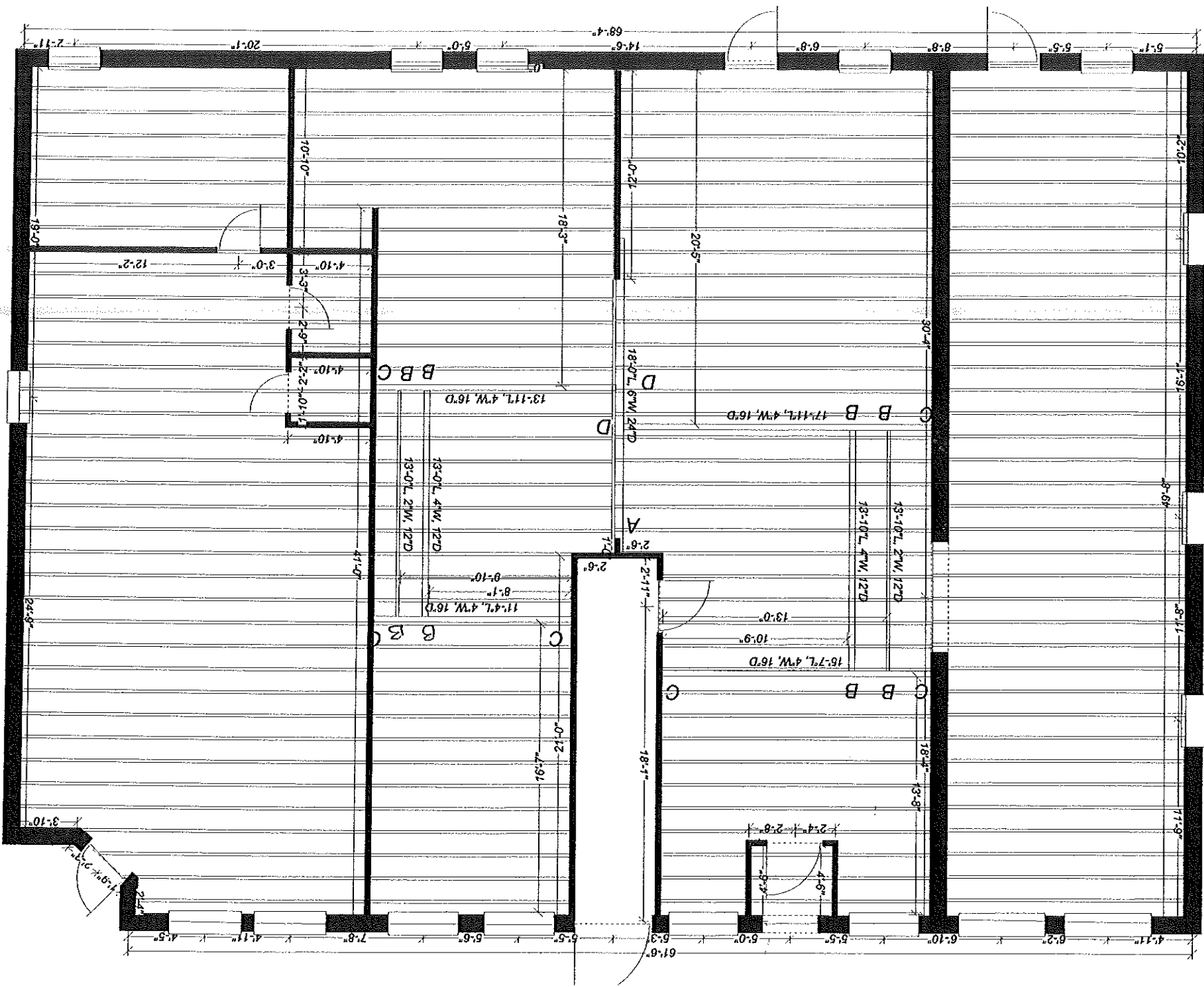


PROPOSED



FIRST FLOOR LVL PLACEMENT PLAN

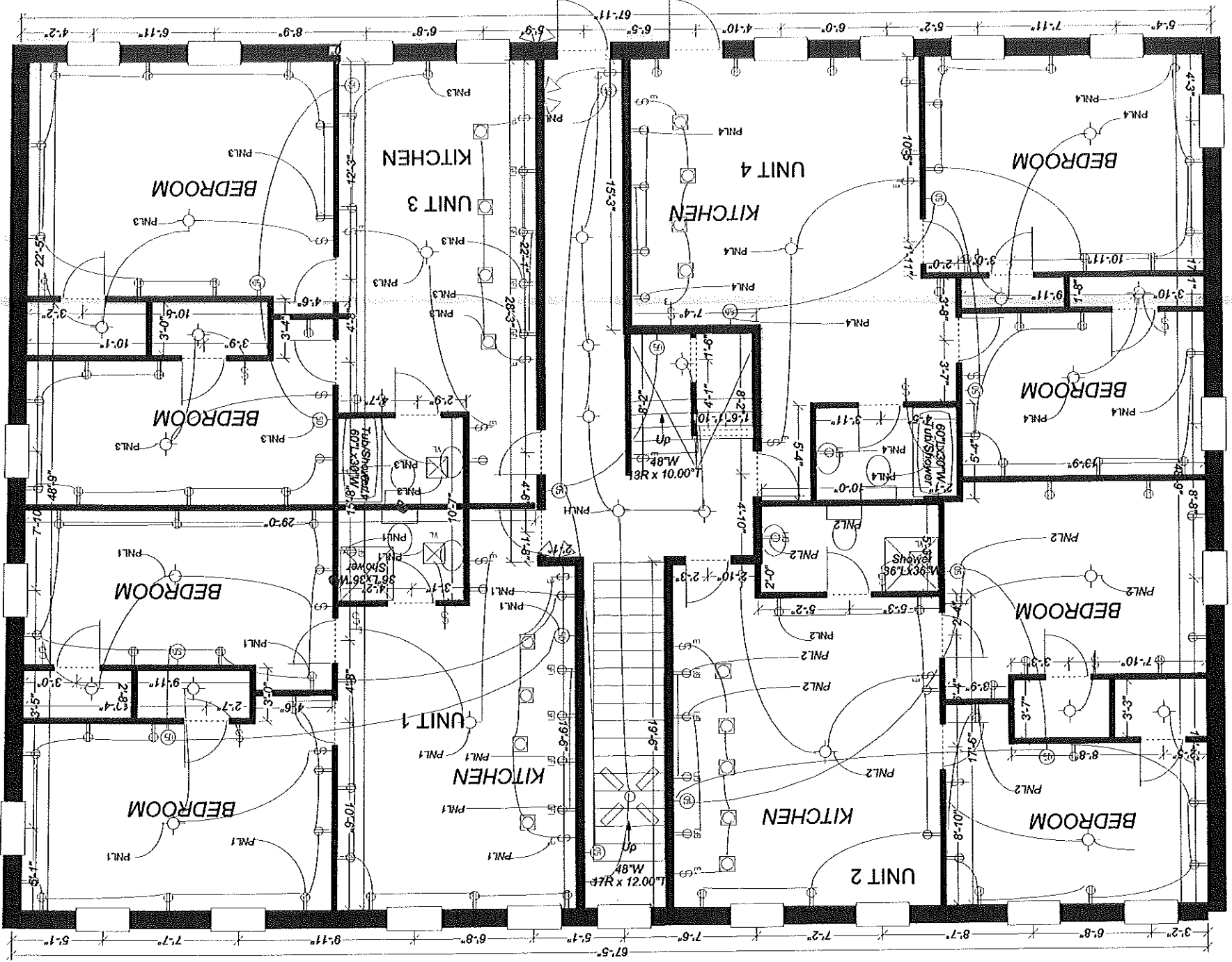
FIRST FLOOR 2X10 FLOOR FINISH ELEVATION PLAN



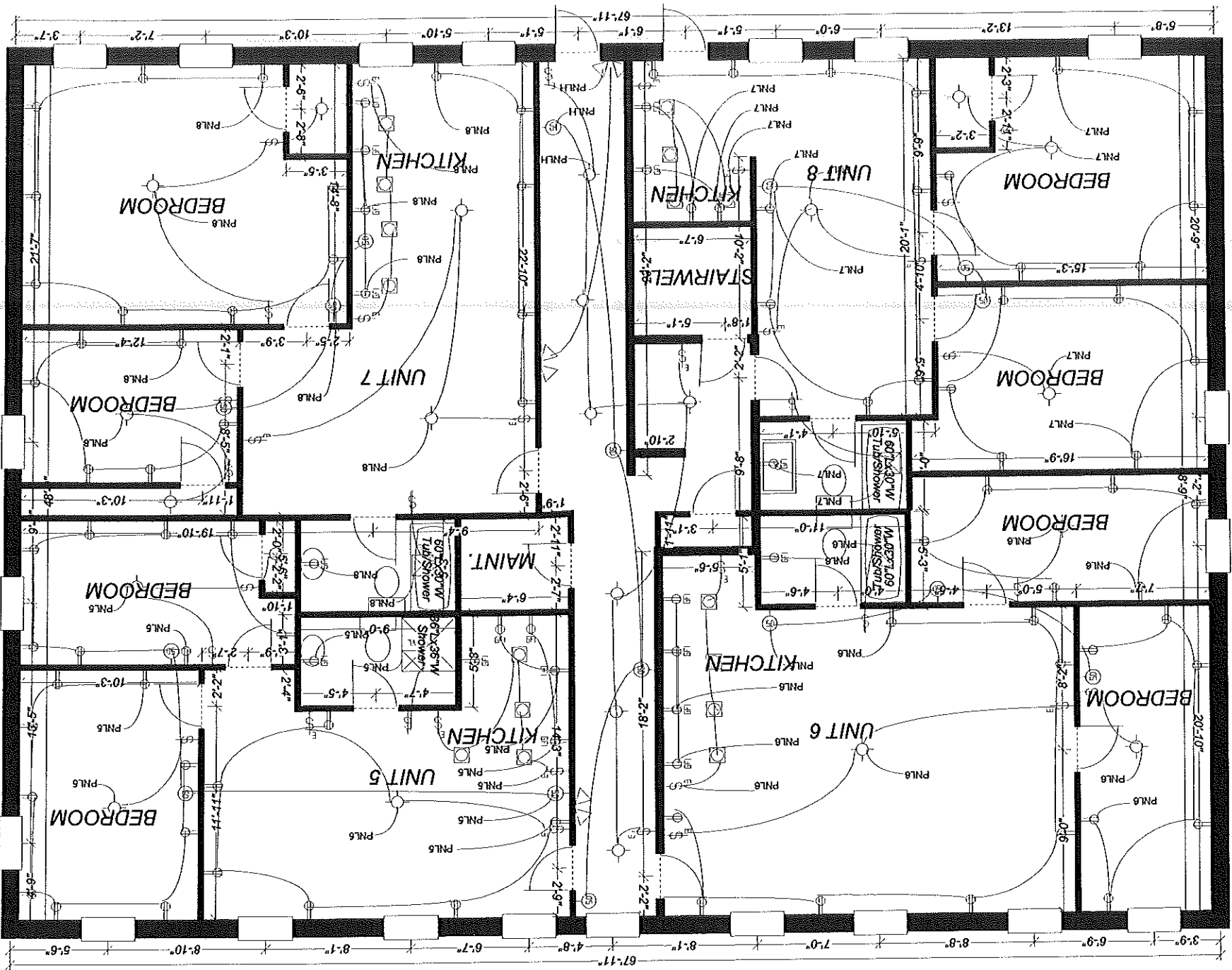


CONGRESS ST. ELEVATION

SECOND FLOOR



THIRD FLOOR

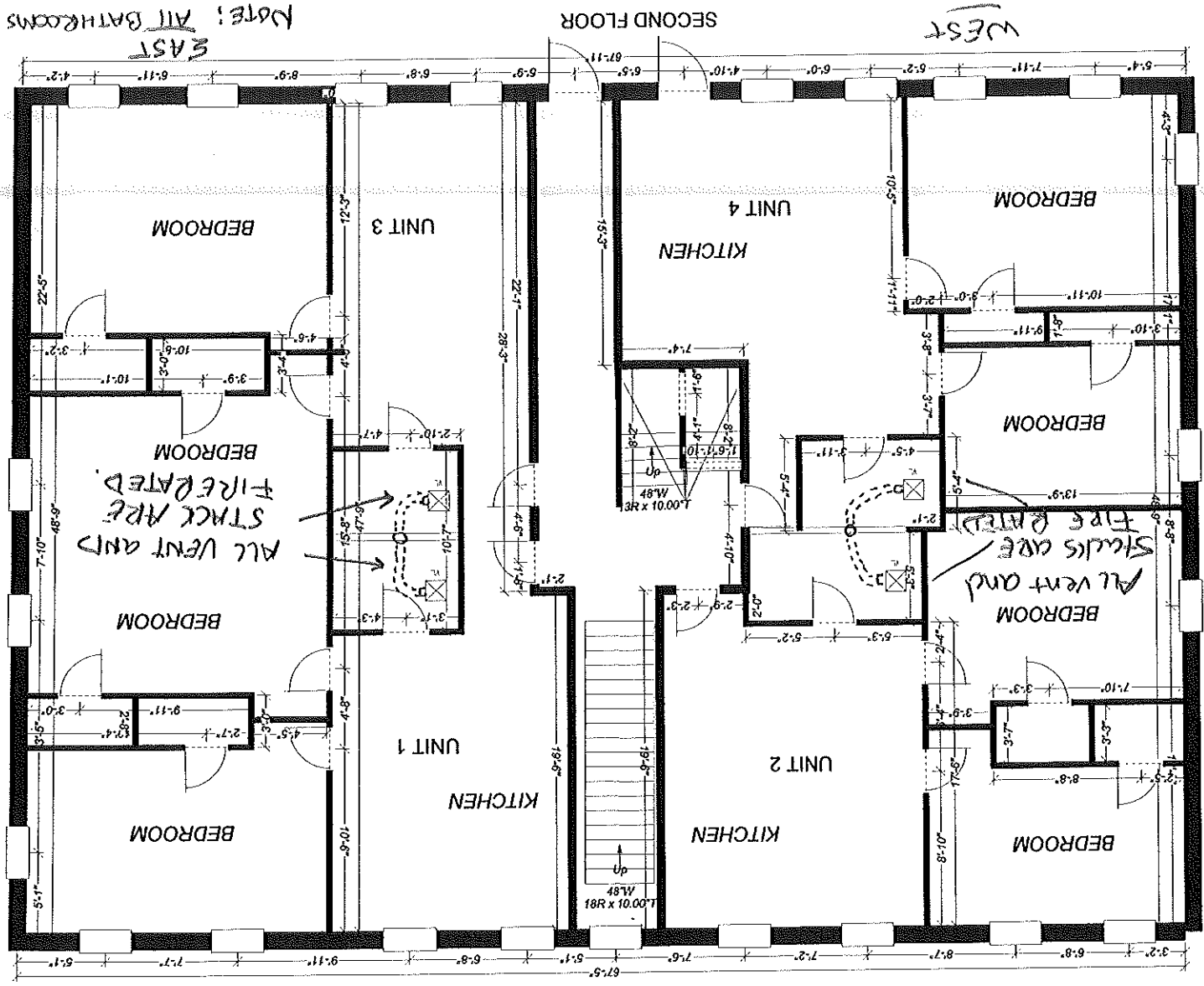


* ALL VENT STACKS ARE FIRE RATED.
 * VENT THRU ROOF 5"
 ONE 5" STACK ON WEST SIDE
 ONE 5" STACK ON EAST SIDE
 EAST AND WEST SIDE OF BUILDING.
 ON TOP OF AND BACK TO BACK ON
 NOTE: ALL BATHROOMS ARE STACKED

jmcastl@roadrunner.com
 603 366-9606
 N.CONWAY, NH
 PO BOX 2086
 MICHAEL E. COUTURE

929 CONGRESS STREET
 PORTLAND, ME

SECOND FLOOR



SECOND FLOOR

WEST

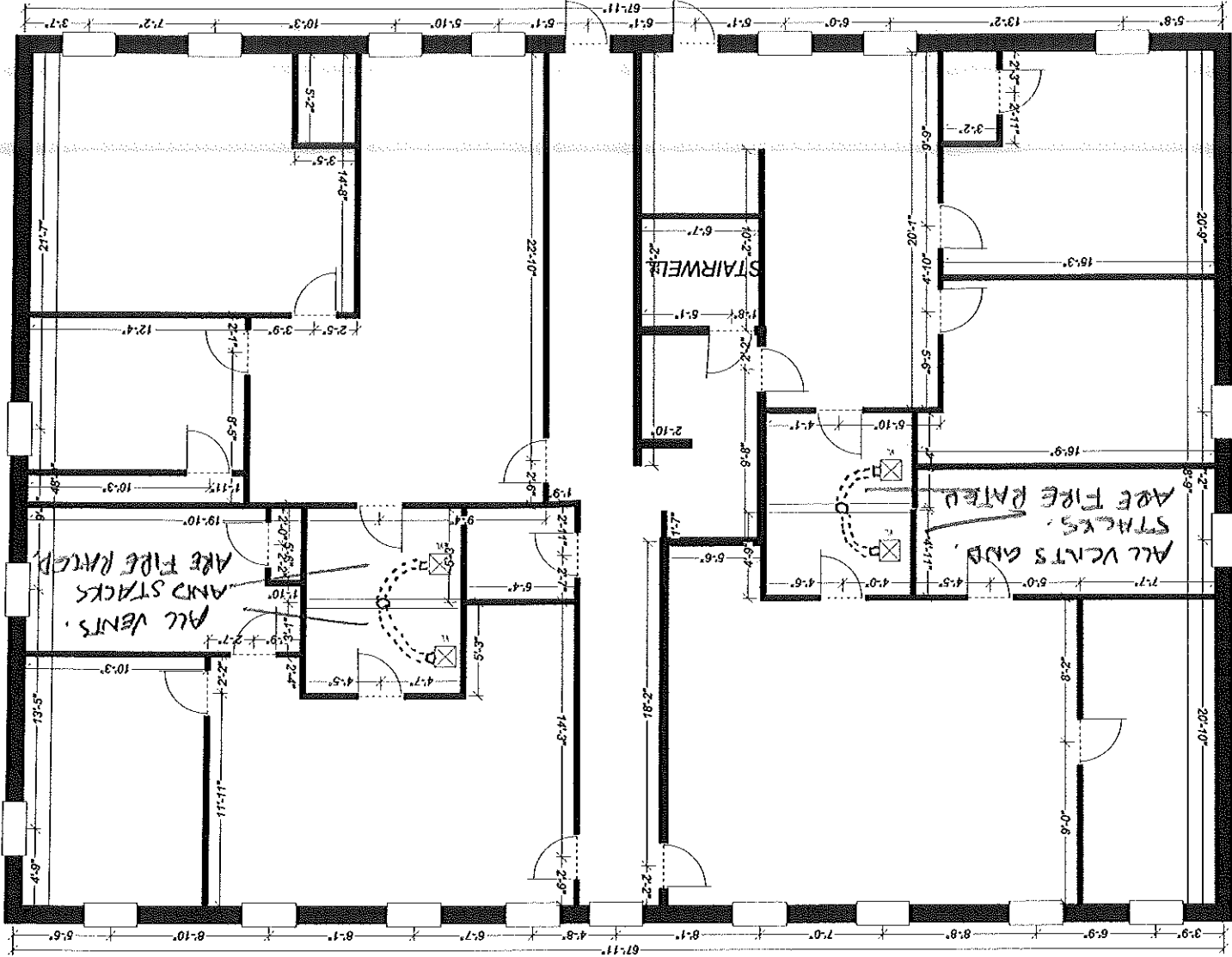
EAST

929 CONGRESS STREET
PORTLAND, ME

MICHAEL E. COUTURE
PO BOX 2086
N. CONWAY, NH
603 356-9606
mceast@roadrunner.com

THIRD FLOOR

WEST



Note: All Bathrooms are stacked

on top of and back to back on east and

west side of buildings.

One 5" stack on east side

and 5" stack on west side

* Vent thru roof 5"

* All vent stacks are fire rated

EAST



Windows Live™ Mail Beta

Print Close Window

DARYN HIGGINS (dendar5@verizon.net)

1:25 PM 3/02/07

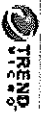
To: fdambrie@hotmail.com

Cc: eosilver@msn.com

Subject: 929 congress

Attachments: sil1.doc (712.8 KB), sil2.doc (1403.0 KB)

Security scan upon download



Attached please find the beam calc. and loading information for the LVL supplied to 929 Congress St. in Portland.

This repair material was sized to replace failing beams and joist at this site.

Material was shipped under Wood Structures job # 482745 thru Chick Lumber in North Conway, New Hampshire.

In early December of 2006 I met with Joel Silver to field measure and size the attached LVL beams. If you have any questions regarding this material or the engineering attached please feel free to contact me at 603 367 8224 or cell 603 686 2886.

Daryn Higgins
Wood Structures Inc.
Technical Sales Rep New Hampshire.

BOISE
 BC CALC® 9.3 Design Report - US
 Build 057

Triple 1-3/4" x 24" VERSA-LAM® 2.0 3100 SP
 1 span | No cantilevers | 0/12 slope

Floor Beam\FB01
 Friday, March 02, 2007 13:03

Job Name: 929 congress st
 Address:
 City, State, Zip: portland , me
 Customer:
 Code reports: ESR-1040

File Name: silver2
 Description: FB01
 Designer:
 Company: Wood Structures Inc.
 Misc: floor repair beam.

Ref.	Start	End	Live	Dead	Snow	Wind	Roof Live	T-1b
1	00-00-00	18-00-00	40	20	115%	133%	125%	15-05-00
2	00-00-00	18-00-00	680	340				n/a
3	00-00-00	18-00-00		340	1020			n/a

BD
 LL 12060 lbs
 DL 9409 lbs
 SL 9180 lbs

B1
 LL 12060 lbs
 DL 9409 lbs
 SL 9180 lbs

Total of Horizontal Design Spans = 18-00-00

Tag	Description	Load Type	Ref.		Start	End	Load Case	Span Location	Live	Dead	Snow	Wind	Roof Live	T-1b
			Left	Right										
1	Standard Load	Umf Area (psf)	Left	Right	00-00-00	18-00-00	1 - Internal	100%	20					15-05-00
2	3rd floor loads @ 40/20	Umf Lin. (plf)	Left	Right	00-00-00	18-00-00	1 - Left	680	340					n/a
3	roof loads @ 60/20	Umf Lin. (plf)	Left	Right	00-00-00	18-00-00			340	1020				n/a

Controls Summary

Pos. Moment	Value	% Allowable
End Shear	23590 lbs	85.7%
Total Load Defl.	L/325 (0.665")	73.9%
Live Load Defl.	L/469 (0.461")	78.8%
Max Defl.	0.665	66.5%
Span / Depth	9.0	n/a

Notes

Design meets Code minimum (L/240) Total load deflection criteria.
 Design meets Code minimum (L/360) Live load deflection criteria.
 Design meets Code minimum (L/360) Live load deflection criteria.
 Design meets Code minimum (L/360) Live load deflection criteria.
 Minimum bearing length for B0 is 7-3/4".
 Minimum bearing length for B1 is 7-3/4".
 Entered/Displayed Horizontal Span Length(s) = Clear Span + 1/2 min. end bearing + 1/2 intermediate bearing
 Fastener Manufacturer: Simpson Strong-Tie, Inc.

Connection Diagram



a minimum = 1'-1/2" c = 10'-1/2"
 b minimum = 4" d = 6"
 e minimum = 1"

Install screws from both sides, staggering screws by 1/2 of the spacing to avoid splitting.
 Member has no side loads.
 Connectors are: SDS 1/4" x 3-1/2"

BC CALC®, BC FRAMER®, A.S.T.™, ALLORIST®, BC RIM BOARD™, BC®, BOISE GLULAM™, SIMPLE FRAMING SYSTEM®, VERSA-LAM®, VERSA-RIM PLUS®, VERSA-RIM®, VERSA-STRAVID®, VERSA-STUDJ® are trademarks of Boise Wood Products, LLC.

Disclosure

Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design practices and analysis methods.
 Installation of BOISE engineered wood products must be in accordance with current Installation Guide and applicable building codes. To obtain installation Guide or ask questions, please call (800)232-4738 before installation.

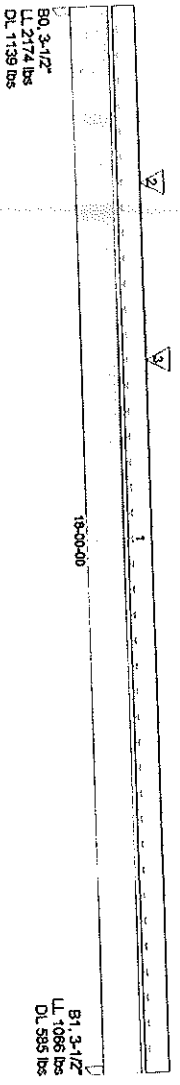
BOISE
 BC CALCO® 9.3 Design Report - US
 Build 057

Double 1-3/4" x 16" VERSA-LAM® 2.0 3100 SP
 1 span | No cantilevers | 0/12 slope

Floor Beam\FB02
 Friday, March 02, 2007 13:04

Job Name: 929 congress st
 Address: BC, CALCO® 9.3
 City, State, Zip: portland , me
 Customer:
 Code reports: ESR-1040

File Name: silver2
 Description: FB02
 Specifier:
 Designer: Wood Structures Inc.
 Company: floor repair beam.
 Misc:



Load Summary		Ref.	Start	End	Live	Dead	Snow	Wind	Roof Live	Trib.
1	Standard Load	Left	00-00-00	18-00-00	100%	40				01-00-00
2	header load	Left	03-00-00	03-00-00	90%	360				n/a
3	header load	Left	05-00-00	06-00-00	1800	900				n/a

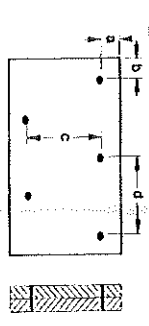
Tag Description	Load Type	Unit Area (psf)	Ref.	Start	End	Live	Dead	Snow	Wind	Roof Live	Trib.
1	Standard Load	Left	00-00-00	18-00-00	100%	40					01-00-00
2	header load	Left	03-00-00	03-00-00	90%	360					n/a
3	header load	Left	05-00-00	06-00-00	1800	900					n/a

Controls Summary	Value	% Allowable	Duration	Load Case	Span Location
Pos. Moment	14694 ft-lbs	39.3%	100%	1	1 - Internal
End Shear	3206 lbs	30.1%	100%	1	1 - Left
Total Load Defl.	L/735 (0.286")	32.7%		1	1
Live Load Defl.	L/1122 (0.188")	32.1%		1	1
Max Defl.	0.236"	28.6%		1	1
Span / Depth	13.2	n/a			1

Bearing Supports	Dim. (L x W)	Value	% Allow Support	% Allow Member	Material
B0 Post	3-1/2" x 3-1/2"	3313 lbs	n/a	36.1%	Unspecified
B1 Post	3-1/2" x 3-1/2"	1651 lbs	n/a	18.0%	Unspecified

Notes
 Design meets Code minimum (U240) Total load deflection criteria.
 Design meets Code minimum (U360) Live load deflection criteria.
 Design meets arbitrary (*) Maximum load deflection criteria.

Connection Diagram

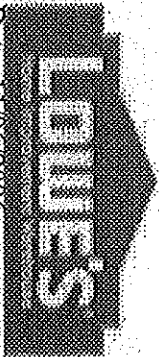


a minimum = 2" c = 12"
 b minimum = 3" d = 12"
 Connection design assumes point load is 'top-loaded'. For connection design of 'side-loaded' point loads, please consult a technical representative or professional of record.
 Member has no side loads.
 Concentrated loads are not considered in side load analysis.
 Connectors are: 16d Common Nails

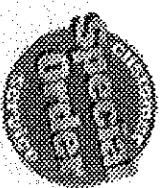
Disclosure
 Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with current Installation Guide and applicable building codes. To obtain installation Guide or ask questions, please call (800)222-0798 before installation.

BC CALCO®, BC FRAMER®, AJS™, ALUONST®, BC RM BOARD™, BC®, BOISE GULFARM™, SIMPLE FRAMING SYSTEM®, VERSA-LAM®, VERSA-RIM PLUS®, VERSA-RIM®, VERSA-STUD®, VERSA-STRAUD®, VERSA-STUD® are trademarks of Boise Wood Products, LLC.

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LOWE'S HOME CENTERS, INC.
 #1946
 1058 BRIGHTON AVENUE
 PORTLAND, ME 4102
 (207) 482-2800



Date: 11/06/2006

Project #: 173874968
 Customer Name: FRED DAMBRUE
 Customer Phone: (207) 632-4128
 Customer Address: 929&931 CONGRESS
 CURRENT JOB SITE
 PORTLAND ME 04103

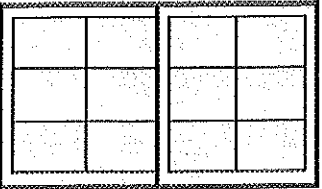
Description: Unit #1 Windows

Line Item
 Frame Size

Product Code
 Description

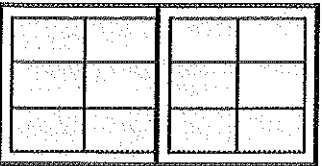
Unit Price Quantity Total Price

0001
 Frame Size = 3' 2 1/2" W x
 5' 9" H
 EXACT OPENING
 SELECTED



Manufacturer: ReliBilt by Survivor
 Product Category: Windows
 Product Type: Double Hungs
 Material: Vinyl
 Product Line: Replacement
 Series : 7100
 Product Configuration: Standard
 Exterior Color: White
 Opening Type: Exact
 High Performance Package: High Performance
 Package
 Glass Option Top Sash: Low E/Argon/Double
 Strength
 Glass Option Bottom Sash: Low E/Argon/Double
 Strength
 Grid Type: Profile All
 Top Sash Grid Pattern: 3W2H
 Bottom Sash Grid Pattern: 3W2H
 Screen: Deluxe Locking Extruded Half Screen
 Screen Mesh: Fiberglass
 Evolution Package: Evo Package
 Frame Options: None
 Lead Time: 21 Days

0002
 Frame Size = 2' 10" W x 5'
 9" H
 EXACT OPENING
 SELECTED



Manufacturer: ReliBilt by Survivor
 Product Category: Windows
 Product Type: Double Hungs
 Material: Vinyl
 Product Line: Replacement
 Series : 7100
 Product Configuration: Standard
 Exterior Color: White
 Opening Type: Exact
 High Performance Package: High Performance
 Package
 Glass Option Top Sash: Low E/Argon/Double
 Strength
 Glass Option Bottom Sash: Low E/Argon/Double
 Strength
 Grid Type: Profile All

Handwritten: \$307.86 x 3 = \$923.58

\$307.86	3	\$923.58
\$307.86	2	\$615.72

Top Sash Grid Pattern: 3W2H
Bottom Sash Grid Pattern: 3W2H
Screen: Deluxe Locking Extruded Half Screen
Screen Mesh: Fiberglass
Evolution Package: Evo Package
Frame Options: None
Lead Time: 21 Days

Project Total: \$1,539.30

Salesperson: MARK MORISSETTE (S1946MM3)

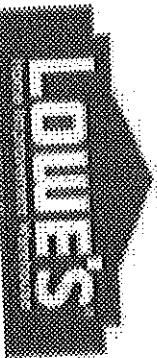
Accepted by: _____

Date: 11/06/2006

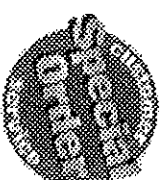
[Print this Page](#)

This Millwork Quote is valid until 11/12/2006. This is an estimate only. This estimate does not include tax or delivery charges. Delivery of all materials contained in this estimate are subject to availability from the manufacturer or supplier. All the above quantities, dimensions, specifications and accessories have been verified and accepted.

Back to Quote



LOWE'S HOME CENTERS, INC.
#1946
1058 BRIGHTON AVENUE
PORTLAND, ME 4102
(207) 482-2800



Date: 02/28/2007

Description:

Unit # 2 Replacement Windows

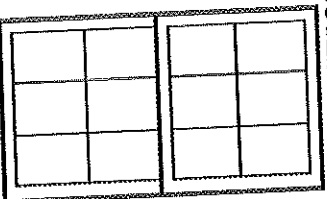
Project #: 180116221
Customer Name: WILDCAT LLC
WILDCAT LLC
(207) 632-4128
Customer Phone: 929&931 CONGRESS
Customer Address: CURRENT JOBSITE
PORTLAND ME 04103

Line Item
Frame Size

Product Code
Description

Unit Price Quantity Total Price

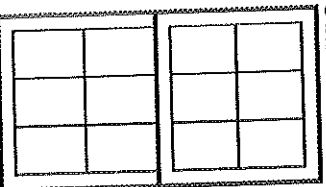
0001
Frame Size = 3' 2 1/2" W x
5' 9" H
EXACT OPENING
SELECTED



Manufacturer: ReliBilt by Survivor
Product Category: Windows
Product Type: Double Hungs
Material: Vinyl
Product Line: Replacement
Series : 7100
Product Configuration: Standard
Exterior Color: White
Opening Type: Exact
High Performance Package: High Performance
Package
Glass Option Top Sash: Low E/Argon/Double
Strength
Glass Option Bottom Sash: Low E/Argon/Double
Strength
Grid Type: Profile All
Top Sash Grid Pattern: 3W2H
Bottom Sash Grid Pattern: 3W2H
Screen: Deluxe Locking Extruded Half Screen
Screen Mesh: Fiberglass
Evolution Package: Evo Package
Frame Options: None
Lead Time: 21 Days

\$307.86 4 \$1,231.44

0002
Frame Size = 2' 8 1/2" W x
5' 0" H
EXACT OPENING
SELECTED



Manufacturer: ReliBilt by Survivor
Product Category: Windows
Product Type: Double Hungs
Material: Vinyl
Product Line: Replacement
Series : 7100
Product Configuration: Standard
Exterior Color: White
Opening Type: Exact
High Performance Package: High Performance
Package
Glass Option Top Sash: Low E/Argon/Double
Strength
Glass Option Bottom Sash: Low E/Argon/Double
Strength

\$291.61 1 \$291.61