Form # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

B ... CTION

PERMI

Please Read Application And Notes, If Any, Attached

Permit Number: 051192

PERMIT ISSUED

SEP 2 7 2006

CITY OF PORTLAND

This is to certify that JARITA DEVELOPMENT L... /Lou ...

has permission to Build a new 2 unit Condo

AT ~~0 LANE AVE~~ JARITA Cou... #1... & #... 308 A00 001

provided that the person or persons, ...m or ...ation ...epting this permit shall comply with al of the provisions of the Statutes of M...ine and of th... ...ances of the City of Portland regulating the construction. maintenance and u... of buildings and st...tures, ~~and of the application on~~ file ir this department.

Apply to Public Works for street line and grade if nature of work requires such information.

N...ication ... inspe...n must ... g...n and w...n permi...n procu... b...re this ...ding or ...t there... la...ed or c... ...losed-in. ... H...R NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. ______

Health Dept. ______

Appeal Board ______

Other ______

Department Name

Jamie Bourke 9/26/05

Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

Permit No:	Issue Date:	CBL:
05-1192	PERMIT ISSUED	308 A001001

6

SEP 27 2006

CITY OF PORTLAND

Location of Construction&	Owner Name:	Owner Address:	Phone:
~~LANE AVE~~ Jarita Ct	JARITA DEVELOPMENT LLC	159 HARRIS RD	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	Lou Wood	120 Exchange Street Portland	2074506128
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	**Zone:**
		Duplex	

Past Use:	Proposed Use:	Permit Fee:	Cost of Work:	CEO District:
Vacant Land- Jarita Court PRUD	2 Unit Condo/ Build a new 2 unit Condo on Existing foundation see permit #05-0344	$2,346.00	$250,000.00	5 PRUD

FIRE DEPT: ☐ Approved ☐ Denied — Signature

INSPECTION: Use Group: R3 Type: 5B IRC-2003 — Signature: AMB 9/26/05

Proposed Project Description:
Build a new 2 unit Condo

Action: ☐ Approved ☐ Approved w/Conditions ☐ Denied

Signature: Date:

Permit Taken By:	Date Applied For:
ldobson	08/22/2005

Zoning Approval

Special Zone or Reviews	Zoning Appeal	Historic Preservation
Shoreland N/A	☐ Variance	☑ Not in District or Landmark
☐ Wetland	☐ Miscellaneous	☐ Does Not Require Review
☐ Flood Zone Panel 6 Zone X	☐ Conditional Use	☐ Requires Review
☐ Subdivision	☐ Interpretation	☐ Approved
☐ Site Plan	☐ Approved	☐ Approved w/Conditions
Maj ☐ Minor ☐ MM ☐	☑ Denied	☐ Denied
Date: OK with original conditions Still in force 9/24/05	Date:	Date:

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative **shall** have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT | ADDRESS | DATE | PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE | DATE | PHONE

City of Portland, Maine - Building or Use Permit
389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Date Applied For:	CBL:
05-1192	08/22/2005	308 A001001

Location of Construction:	Owner Name:	Owner Address:	Phone:
14 & 18 JARITA CT	JARITA DEVELOPMENT LLC	159 HARRIS RD	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	Lou Wood	120 Exchange Street Portland	(207) 450-6128
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	
		Duplex	

Proposed Use:	Proposed Project Description:
2 Unit Condo/ Build a new 2 unit Condo	Build a new 2 unit Condo

☑

PERMIT ISSUED
SEP 27 2006
CITY OF PORTLAND

All Purpose Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property Within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: 14 & 18 Santa Court

Total Square Footage of Proposed Structure	Square Footage of Lot
3600SF (2/units)	

Tax Assessor's Chart, Block & Lot	Owner:	Telephone:
Chart# 308 Block# A Lot# 1	Santa Development 129 Exchange St Port, Me	450-6128

Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone:	Cost Of Work: $ 250,000
N/A	Louis Wood Santa Court Rev. 130 Exchange St. Port, Me 04101	Fee: $ 971

Current use: Vacant land

If the location is currently vacant, what was prior use:

Approximately how long has it been vacant:

Proposed use: Build 2 Family Unit Condo

Project description: Santa Court Condo Project

RECEIVED
AUG 22 2005
DEPT OF BUILDING INSPECTION
CITY OF PORTLAND, ME

Contractor's name, address & telephone: Louis Wood

Who should we contact when the permit is ready: 450-6128

Mailing address:

We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a $100.00 fee if any work starts before the permit is picked up. PHONE: 450-6128

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APROVE THIS PERMIT.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: Louis Wood Date: 8/22/05

This is NOT a permit, you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall

Applicant/Owner: Lou Wood Date: 8/24/05

Address: Construction on EXISTING foundation C-B-L: 308-A-001
#14 & #18 Jamita Court

CHECK-LIST FOR ZONING COMPLIANCE – PRUDS

Permit Application Number: # 05-1192

New or Existing Development: Bldg out

Zone Location: R-3 PRUD

Proposed Work/Use to construct unit #14 & #18
(foundation permit under # 05-0844)

Interior or corner lot:

Sewage Disposal:

Street Frontage:

Max. Height:

Max. Length of Bldg – with/without attached garage(s):

Min. Setbacks from External Subdivision Property Lines:

Min. Distance Between Detached PRUD Buildings:

Required Recreation Open Space:

Lot Area Required:

Net Land Area Per Dwelling Unit:

Off-street Parking:

Site Plan:

Shoreland/Stream Protection:

Flood Plain:

See for requirement is attached to this

Applicant/Owner: Lea Wood Date: 4/6/05

Address: #46 & 49 – #43 & 45 – #14 & 18 – #11 & 15 – #17 & 19 Jarta Court C-B-L: 308-A-00

CHECK-LIST FOR ZONING COMPLIANCE – PRUDS

Permit Application Number: #05-0344

New or Existing Development:

Zone Location: R-3 PRUD

Proposed Work/Use to construct foundations only for 5-2 unit Bldgs #46 & 49 – #43 & 45 – #14 & 18 – #11 & 15 – #17 & 19

Interior or corner lot:

Sewage Disposal: City

Street Frontage: 50' min – 50' shown

Max. Height: 35' MAX – 22.5' scaled – No Daylight Basements shown

Max. Length of Bldg – with/without attached garage(s): 140' max – 66' shown

check → Min. Setbacks from External Subdivision Property Lines: 25' min – 25' exactly in Arc

check Min. Distance Between Detached PRUD Buildings: 16 – 11. earth on several Bldgs

Required Recreation Open Space: 6000 ft min – 6035 ft Approved

Lot Area Required: 3 Acres min for PRUD – 9.21 Acres Shown

Net Land Area Per Dwelling Unit: 133,647 ÷ 6,500 = 20.56 or 20 D.U. max
16 D.U. Approved

Off-street Parking: 2 pkg spc per D.U plus 1 extra for every 6th Du
16 x 2 = 32
16 ÷ 6 = 3 (2.66)
35 req'd

Site Plan: originally Approved under 2002-0161

Shoreland/Stream Protection: NA

Flood Plain: panel 6 Zone X

patios for units #17 & 19 – #14 only & #46 & 49

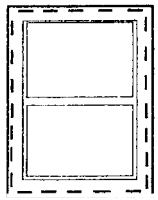
APPLICATORS
SALES & SERVICE, INC.

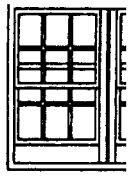
Versatec™

paradigm
Window Solutions For Life

VERSATEC - A Standard New Construction Double Hung Win

Call Size	White	Suggested Grid layout	Single Unit Rough Opening	UI	Call Size	White	Double Unit Rough Opening	UI
DH3636	$334	6 / 6	36 x 36	72	DH3636-2	$746	71 1/2 x 36	108
DH3644	$348	6 / 6	36 x 44	80	DH3644-2	$772	71 1/2 x 44	116
DH3648	$356	6 / 6	36 x 48	84	DH3648-2	$790	71 1/2 x 48	120
DH3652	$364	6 / 6	36 x 52	88	DH3652-2	$806	71 1/2 x 52	124
DH3660	$372	6 / 6	36 x 60	96	DH3660-2	$818	71 1/2 x 60	132
DH3666**	$396	6 / 6	36 x 66	102	DH3666-2	$870	71 1/2 x 66	138
DH3672**	$404	6 / 6	36 x 72	108	DH3672-2	$888	71 1/2 x 72	144
DH4036	$344	6 / 6	40 x 36	76	DH4036-2	$764	79 1/2 x 36	116
DH4044	$358	6 / 6	40 x 44	84	DH4044-2	$796	79 1/2 x 44	124
DH4048	$366	6 / 6	40 x 48	88	DH4048-2	$810	79 1/2 x 48	[illegible]
	[illegible]	6 / 6	40 x 52	92		$8[illegible]	79 1/2 [illegible]	132
DH4060**	$3[illegible]	[illegible]	40 x 60	100	DH4060-2	$850	79 1/2 x 60	140
DH4066**	$406	6 / 6	40 x 66	106	DH4066-2	$892	79 1/2 x 66	146
		6 / 6	40 x 72	112	DH4072-2		79 1 x	152
DH4436	$3541	8 / 8	44 x 36	80	[illegible]		[illegible]	124
DH4444	$364	8 / 8	44 x 44	88	DH4444-2	$806	87 1/2 x 44	132
DH4448	$386	8 / 8	44 x 48	92	DH4448-2	$846	87 1/2 x 48	136
DH4452	$394	8 / 8	44 x 52	96	DH4452-2	$862	87 1/2 x 52	140
DH4460**	$406	8 / 8	44 x 60	104	DH4460-2	$892	87 1/2 x 60	148
DH4466**	$414	8 / 8	44 x 66	110	DH4466-2	$904	87 1/2 x 66	154
DH4472**	$426	8 / 8	44 x 72	116	DH4472-2	$928	87 1/2 x 72	160
DH4836	$364	8 / 8	48 x 36	84	DH4836-2	$806	95 1/2 x 36	132
DH4844	$388	8 / 8	48 x 44	92	DH4844-2	$850	95 1/2 x 44	140
DH4848	$390	8 / 8	48 x 48	96	DH4848-2	$854	95 1/2 x 48	144
DH4852	$404	8 / 8	48 x 52	100	DH4852-2	$888	95 1/2 x 52	148
DH4860**	$414	8 / 8	48 x 60	108	DH4860-2	$904	95 1/2 x 60	156
DH4866**	$434	8 / 8	48 x 66	114	DH4866-2	$946	95 1/2 x 66	162
DH4872**	$446	8 / 8	48 x 72	120	DH4872-2	$970	95 1/2 x 72	168





** Denotes Egress Size Windows

STANDARD FEATURES

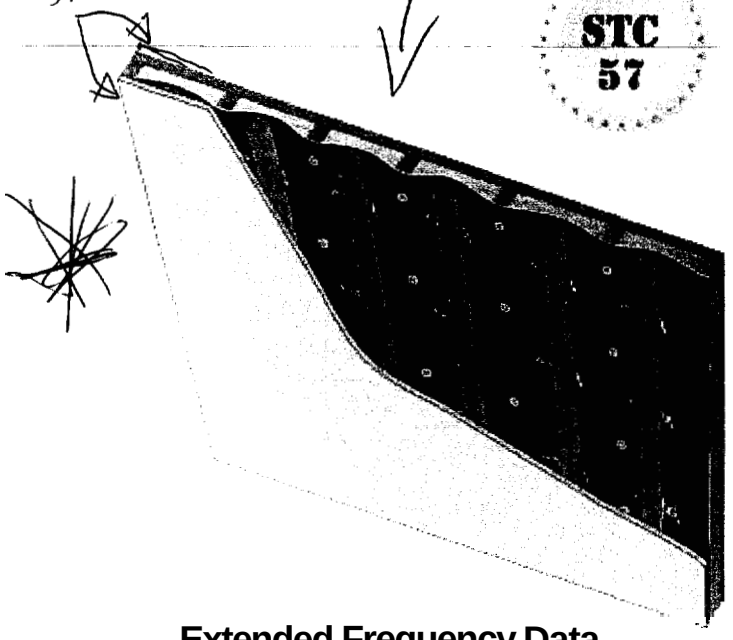
3/4" Low-E² Insulated Glass With Swiggle Spacer
1/2" Stainless Steel Balance System With Jamb Liner
Intergral Nail Fin / 3/4" J -Channel Built In
Interlock At Meeting Rail
Triple Weather-stripping
Fully Welded Sash & Frame
Full Screen
Will Accept Exterior Casing Options

Tan Units Add 15% To Total White Price
For Oriel Units Add 15% To Total Window Price
For Custom Size Units Go To Next Larger Window Size Price
Call Size Minus 1/2" Equals Unit Dimension
Unit Price Does Not Include Grids
Refer To Page 87 For All Options

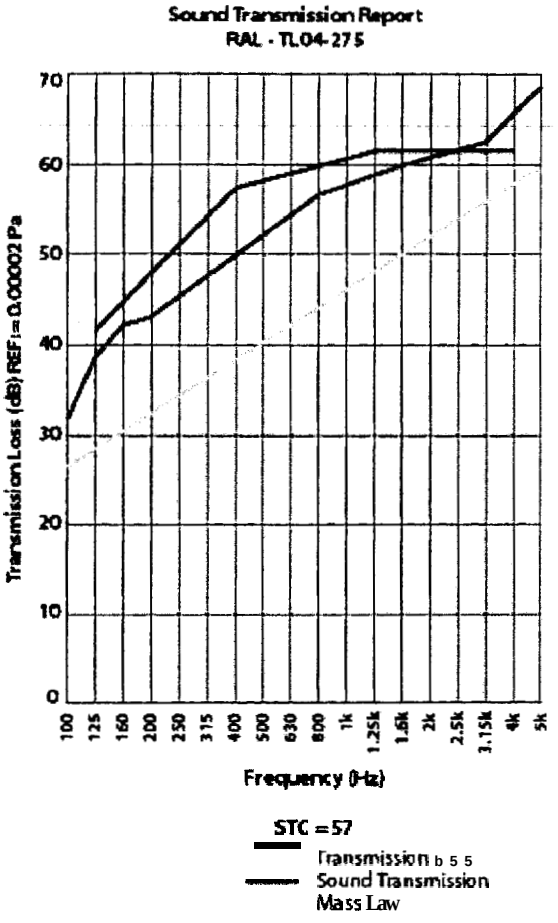
Effective Date
March, **2004**

Prices subject to change without notice

5/8 x This detail



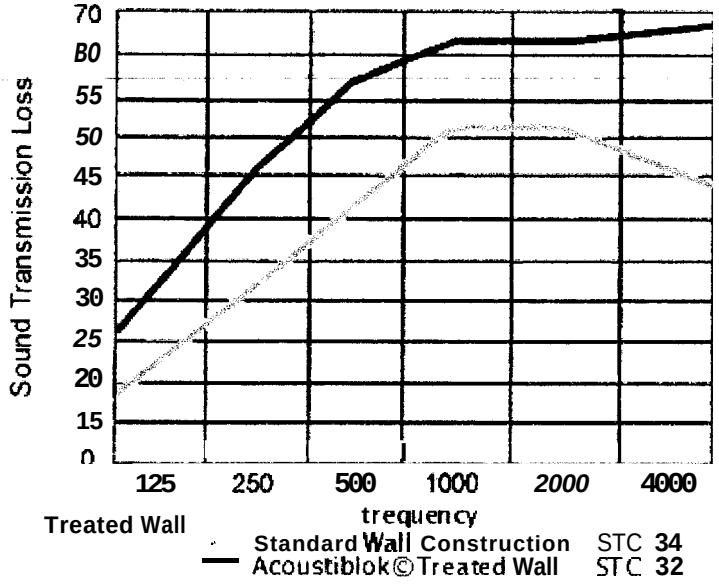
STC 57



Extended Frequency Data

FREQ.	T.L.	UNC.
40	21	0.45
50	22	0.84
63	19	1.29
80	20	0.82

ACOUSTICAL DATA



'STC 62' is a current certified lab test result by 'Riverbank Laboratory' on 03-04-04 (report available)

Underwriters Laboratories Inc.

CLBV.R21490
Wall and Partition Facings and Accessories

Page Bottom **Print-friendly version** **Questions'?**

Wall and Partition Facings and Accessories

See General Information for Wall and Partition Facings and Accessories

ACOUSTIBLOK INC R21490
6900 INTERBAY **BLVD**
TAMPA, FL 33616 **USA**

Type Acoustiblok (1 lb.) membrane for use in wall designs of the U300, **U400,** and **V400** series. Also may be used in floor-ceiling constructions of the L500 series.

Material shall be installed per the manufacturer's installation instructions furnished with the rolls of the membrane material.

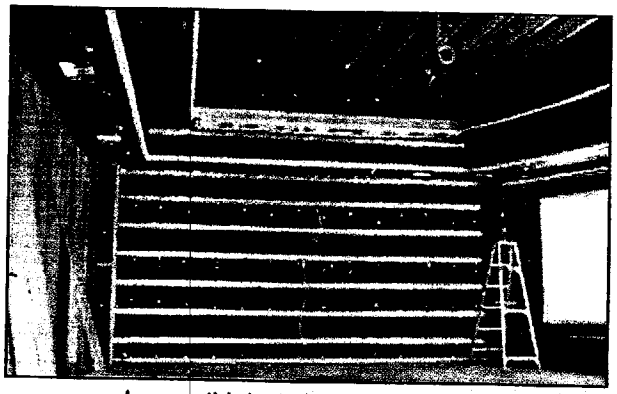
Last Updated on 2003-12-01

Page Top **Notice of Disclaimer** **Questions?**

UL Listed and Classified Products **UL Recognized Components** **Products Certified for Canada**

Product Description

Acoustiblok® is a 1 lb. psf, reinforced, noise isolating material which is utilized as a structural treatment for reducing sound transmission. It contains no lead or asbestos materials. Acoustiblok® is typically applied as part of layered wall or floor construction either tacked to the studs prior to drywall or draped over joists before sub-floor. Acoustiblok® reduces sound transmission even in low frequencies under 100HZ. Ceilings and doors are also suggested treatment areas to further reduce sound transmission (-10db to the human ear is approximately 50% reduction). Higher STC 2LB also available. (STC 32)

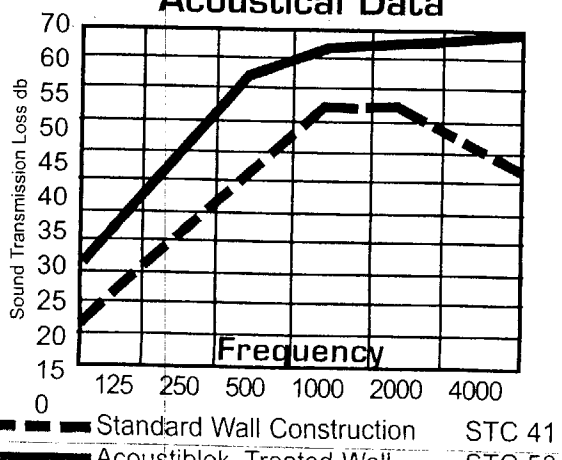


Acoustiblok® is essential to any home theater room. Keeps the movie in and the disturbances out. Have your architect spec it in.

Architectural Specifications - Acoustiblok®

A U.L.™ classified flexible high STC sound isolation material. U.L.™ approved for use in U.L.™ rated wall designs of U300, U400 and V400 series. Also for use in U.L.™ rated floor/ceiling designs of the L500 series. High electrical resistance. Weight is 1Lb. per sq. ft. Properties: Non-corroding, waterproof, tensile PSI min 510, thickness of .11± .03 inches, minimum of 26 STC, no deformation at 200 degrees F, pass burn test per mil std 1623, pass burn test MVS 302 and self extinguishing, DIE 'C' tear (#IN) tested, available in rolls of 54" x up to 350'. U.K. Tested B.S.476:Part 7 Transmission loss of-19DB@100hz

Acoustical Data

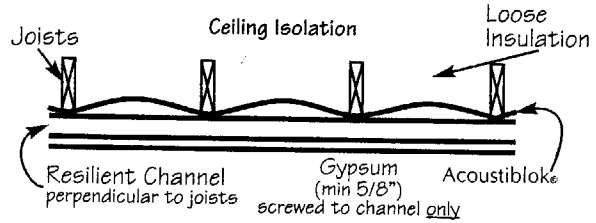


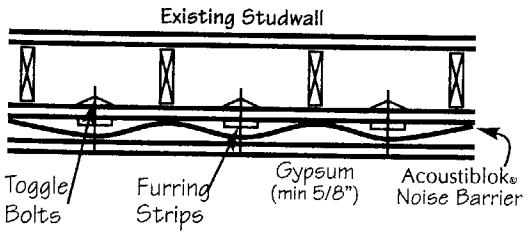
Applications

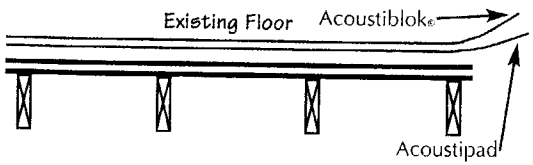
Residential
Industrial
Condos
Apartments
Hotels
Home Theaters
Power Plants
Offices
Schools
Sports Facilities
Gymnasiums
Nurseries
Hospitals
Libraries
Churches

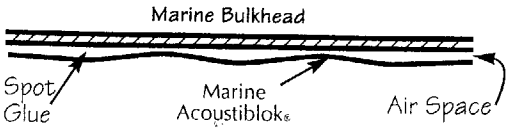
Doctor's Offices & Clinics
Airports
Attorney Offices
Kennels
Air Handler Rooms
Machinery Rooms
Strip Plazas
Noisy Plumbing Pipes
Restaurants
Automobiles
Marine
Factories
Gun Ranges

(More on web site)









("Outdoor sound absorbing panels" also available, see web sight.)

www.Acoustiblok.com
Email: sales@acoustiblok.com • 813-980-1400
Acoustiblok® P.O. Box 291396 • Tampa, Florida 33687
In UK Email: info@acoustiblokuk.com

Acousti|blok®

CLASSIFIED UL

When What You Don't Hear Counts..

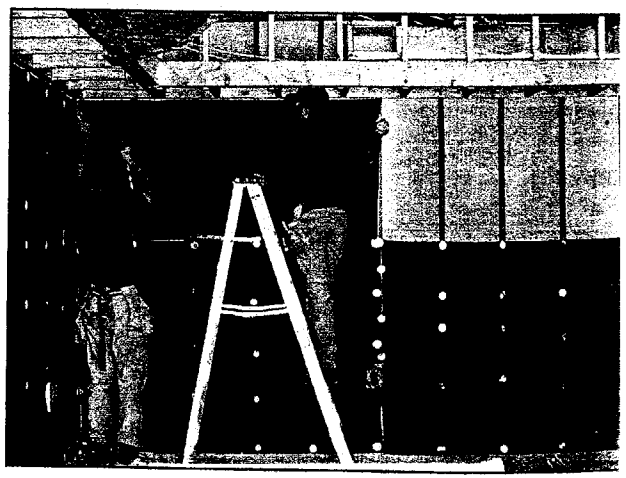
At last, an easy to use product to reduce soun transmission, U.L.™ approved to be in walls/floors/ceiling

Sound disturbances are everywhere and increasin dramatically in our business and personal lives.

Home theater, traffic noise, kids rooms, engine noise private offices, school rooms, examination rooms, th needs are endless. We also do not want an restrictions in our listening enjoyment of home theate or music.

Today's construction techniques do not len themselves to noise reduction. The materials used (i any) are fiberglass, foam insulation, sound board, o extra layers of drywall. These do little to stop nois transmission. Even a concrete block wall is a poo barrier for sound. Solid ridged materials actuall vibrate themselves producing sound on the other side

Acoustiblok®, however, works like a sheet of lead. It has tremendous density and mass (1lb sq. ft.). It is installed loosely when possible, thus it absorbs the acoustic energy far better than rigid solid materials.

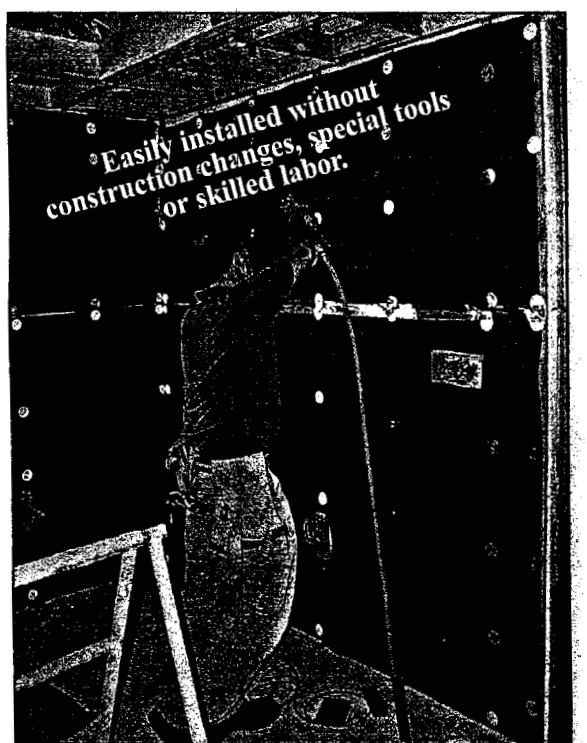


"A revolutionary sound proofing material is set to make a major impact on nois abatement issues after winning an innovation and technology award." Presente by the "Noise Abatement Society" at the British House of Commons 10-29-0

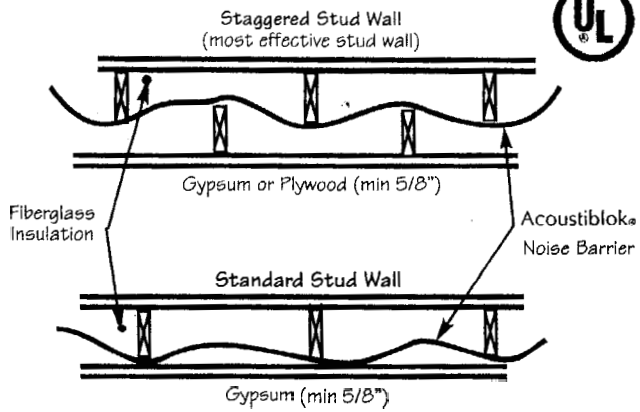
Installation Methods

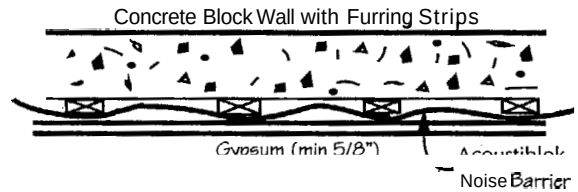
Acoustiblok® comes in 54" rolls 30', 60', or 350' long and is easily cut with a box knife and a straight edge.

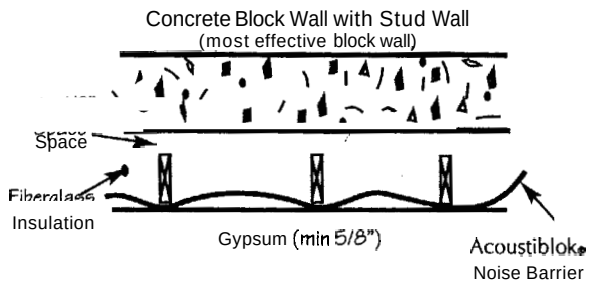
- Stapling with a tin roof cap is an easy method to attach Acoustiblok® to studs, ceiling joists or furring strips.
- For metal studs, use self tapping screws with tin roof caps. For floors, wood or concrete, spot gluing is adequate.
- Tape and sealers are available for all joints,
- The best sound barrier is one that absorbs the acoustic energy. Therefore, the best results are when the product is left somewhat loose i.e. stapled to studs before drywall is hung.
- Acoustiblok® also helps in eliminating solid mechanical linkage, which is a major cause of sound transmission.

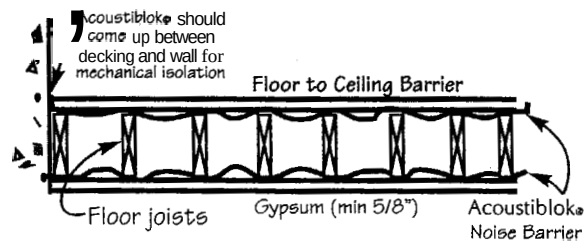


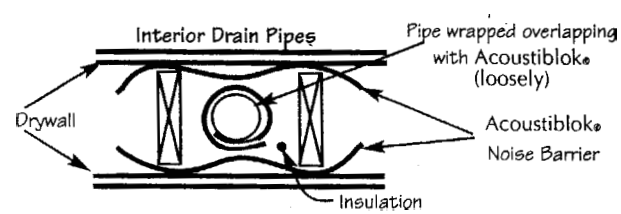
www.acoustiblok.com











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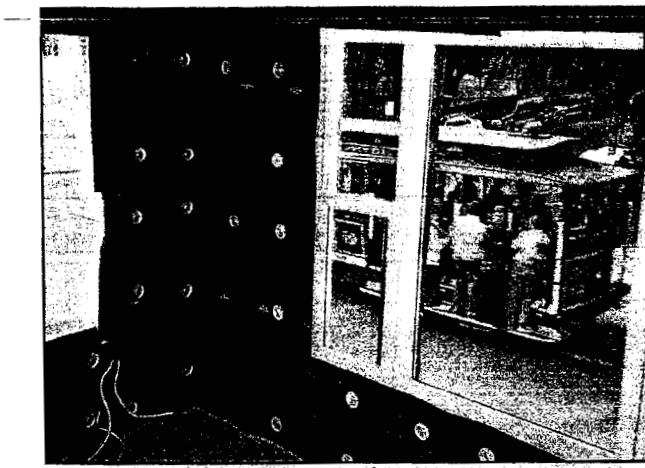
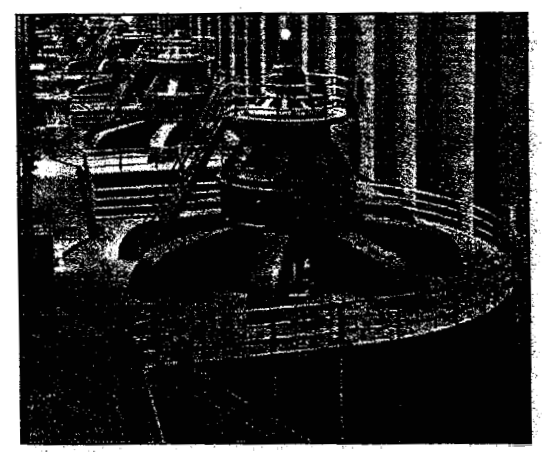


Sound &Vibrations from trolly car5 in San Francisco are blocked.

Acoustiblok® is a Very Unique Material

- U.L. approved in walls/floors/ceilings.
- Is impervious to water or moisture
- Very flexible/Cuts with box knife
- Can be nailed, stapled, or glued
- Is non corrosive
- Is temperature tested up to 200°
- It will not mildew
- Can be put in basements or in attics
- Will not compress under carpet
- Is highly UV Resistant



Acoustiblok® is **also** very effective in reducing industrial noise. (available in 2 LB density) (STC 32)

RIVERBANK ACOUSTICAL LABORATORIES

1512 S. BATAVIA AVENUE
GENEVA, ILLINOIS 60134

Alion Science and Technology

630/232-0104
FOUNDED 1918 BY
WALLACE CLEMENT SABINE

TEST REPORT

FOR: Acoustiblok
Tampa, FL

Sound Transmission Loss Test
RAL™-TL04-050

ON: WSAB-129 Wood Stud Wall Section

CONDUCTED: 4 March 2004

TEST METHOD

Unless otherwise designated, the measurements reported below were made with all facilities and procedures in explicit conformity with the ASTM Designations E90-02 and E413-87, as well as other pertinent standards. Riverbank Acoustical Laboratories has been accredited by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP) for this test procedure. A description of the measuring technique is available separately.

DESCRIPTION OF THE SPEC

The test specimen was designated by the client as WSAB-129 wood stud wall section. The overall dimensions of the specimen as measured were 1.21 m (47.5 in.) wide by 2.43 m (95.5 in.) high and 127 mm (5 in.) thick. The specimen was placed directly in the laboratory's 1.22 m (4 ft) by 2.44 m (8 ft) test opening and was sealed on the periphery (both sides) with a dense mastic.

The manufacturer's description as provided by a drawing was as follows: The panel was constructed with a two-by-four wood top and bottom plate and studs covered on both sides with a single layer of 16 mm (0.625 in.) thick gypsum board. The gypsum board was attached using 6d nails at 305 mm (12 in.) on center. The wood studs were spaced on nominal 610 mm (24 in.) centers. The receive side cavity was filled with 76 mm (3 in.) thick fiberglass. A single layer of Acoustiblok 16 oz. barrier material was attached to the studs on the source side. A visual inspection verified the manufacturer's description of the specimen.

The weight of the specimen as measured was 97.3 kg (214.5 lbs.), an average of 33.3 kg/m^2 (6.8 lbs/ft^2). The transmission area used in the calculations was 2.9 m^2 (31.5 ft^2). The source and receiving room temperatures at the time of the test were 23±1°C (74±1°F) and 63% relative humidity. The source and receive reverberation room volumes were 178 m^3 (6298 ft^3) and 134 m^3 (4748 ft^3), respectively.

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TEST REPORT

Acoustiblok

RAL™-TL04-050

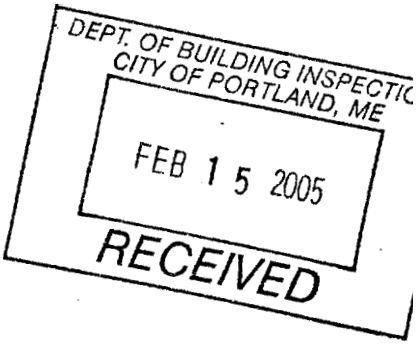
4 March 2004

TEST RESULTS

Sound transmission loss values are tabulated at the eighteen standard frequencies. A graphic presentation of the data and additional information appear on the following pages. The precision of the TL test data is within the limits set by the ASTM Standard E90-02.

FREQ.	T.L.	C.L.	DEF.	FREQ.	T.L.	C.L.	DEF.
100	27	1.01		800	53	0.17	1
125	32	0.95	4	1000	55	0.18	
160	37	0.49	2	1250	56	0.16	
200	41	0.09		1600	57	0.13	
250	42	0.49	3	2000	57	0.09	
315	41	0.45	7	2500	58	0.09	
400	45	0.31	6	3150	60	0.07	
500	48	0.21	4	4000	62	0.07	
630	51	0.22	2	5000	63	0.04	

STC=52



ABBREVIATION INDEX

FREQ. = FREQUENCY, HERTZ, (cps)
T.L. = TRANSMISSION LOSS, dB
C.L. = UNCERTAINTY IN dB, FOR A 95% CONFIDENCE LIMIT
DEF. =DEFICIENCIES, dB<STC CONTOUR (SUM OF DEF = 30)
STC = SOUND TRANSMISSION CLASS

Tested by Marc Sciaky — Approved by David J. Moyer
Laboratory Manager

ACOUSTICAL LABORATORIES

1512 S. BATAVIA AVENUE
GENEVA, ILLINOIS 60134

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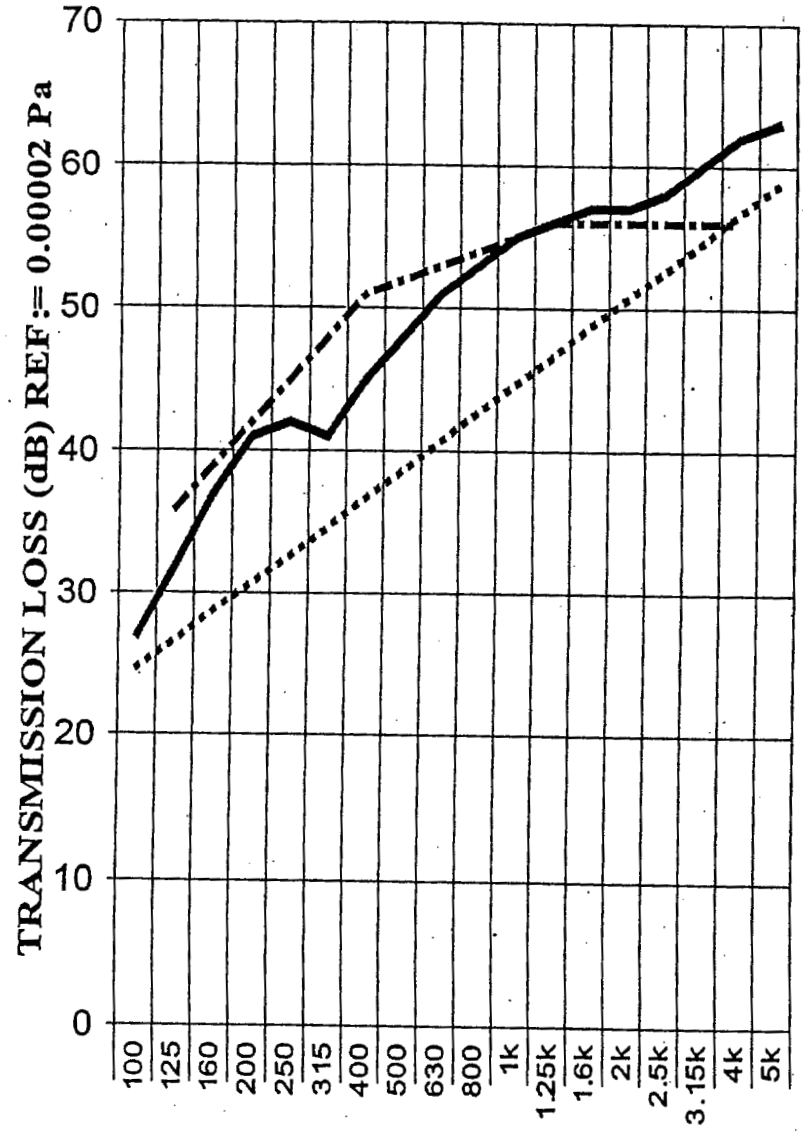
TEST REPORT

SOUND TRANSMISSION REPORT
RAL - TL04-050



STC = 52

TRANSMISSION LOSS

SOUND TRANSMISSION LOSS CONTOUR

MASS LAW

1512 S. BATAVIA AVENUE
GENEVA, ILLINOIS 60134

Alion Science and Technology

630/232
FOUNDED 19
WALLACE CLEMENT S.

TEST REPORT

FOR: Acoustiblok

ON: Acoustiblok 16

Sound Transmission Loss Test
RAL™-TL03-085

CONDUCTED: 14 March 2003

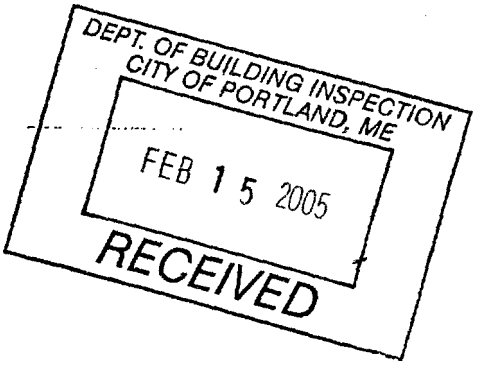
TEST METHOD

Unless otherwise designated, the measurements reported below were made with all facilities and procedures in explicit conformity with the ASTM Designations E90-02 and **E413-87,** as well as other pertinent standards. Riverbank Acoustical Laboratories has been accredited by the U.S. Department of Commerce, National Institute of Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP) for this test procedure. A description of the measuring technique is available separately.

DESCRIPTION OF THE SPECIMEN

The test specimen was designated by the manufacturer as Acoustiblok 16. The overall dimensions of the specimen as measured were 1.22 m ***(48*** in.) wide by ***2.44*** m (96 in.) high and 2.54 mm (0.1 in.) thick. The Specimen was a 16 oz. per square foot vinyl barrier. The specimen was placed directly in the laboratory's 1.22 m **(4** ft) by **2.44** m (8 ft) test opening and was sealed on the periphery (both sides) with a dense mastic.

The weight of the specimen as measured was 13.6 kg (30 lbs.), an average of **4.4** kg/m^2 *(0.9* lbs/ft^2). The transmission area used in the **calculations** was 3 m^2 **(32** ft^2). The source and receiving room temperatures at the time of the test were 24±1°C (75±2°F) and 59±1% relative **humidity.** The source and receive reverberation room volumes were 178 m^3 (6,298 ft^3) and 139 m^3 (4,912 ft^3), respectively.



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Alion Science and Technology

630/23
FOUNDED
WALLACE CLEMENT

TEST REPORT

Acoustiblok

RAL™-TL03-08

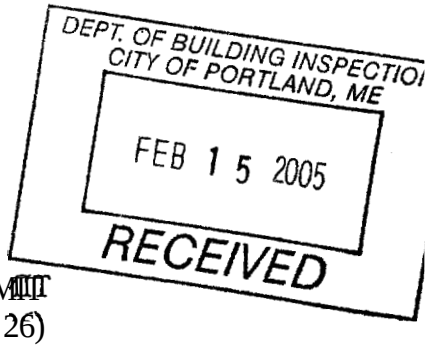
14 March 2003

TEST RESULTS

Sound transmission loss values are tabulated at the eighteen standard frequencies. A graphic presentation of the data and additional information appear on the following pages. The precision of the TL test data is within the limits set by the ASTM Standard E90-02.

FREQ.	T.L.	C.L.	DEF.	FREQ.	T.L.	C.L.	DEF.
100	19	0.95		800	25	0.14	3
125	12	0.99		1000	26	0.18	3
160	14	0.59		1250	28	0.16	2
200	16	0.41		1600	30	0.15	
250	17	0.32	2	2000	31	0.08	
315	19	0.32	3	2500	33	0.14	
400	20	0.22	5	3150	34	0.09	
500	22	0.22	4	4000	36	0.10	
630	23	0.20	4	5000	38	0.08	

STC=26



ABBREVIATION INDEX

FREQ. = FREQUENCY, HERTZ, (cps)
T.L. = TRANSMISSION LOSS. dB
C.L. = UNCERTAINTY IN dB, FOR A 95% CONFIDENCE LIMIT
DEF. = DEFICIENCIES, dB<STC CONTOUR (SUM OF DEF = 26)
STC = SOUND TRANSMISSION CLASS

Tested by _____ Senior Experimentalist

Approved by _____ David L. Mover, Laboratory Manager

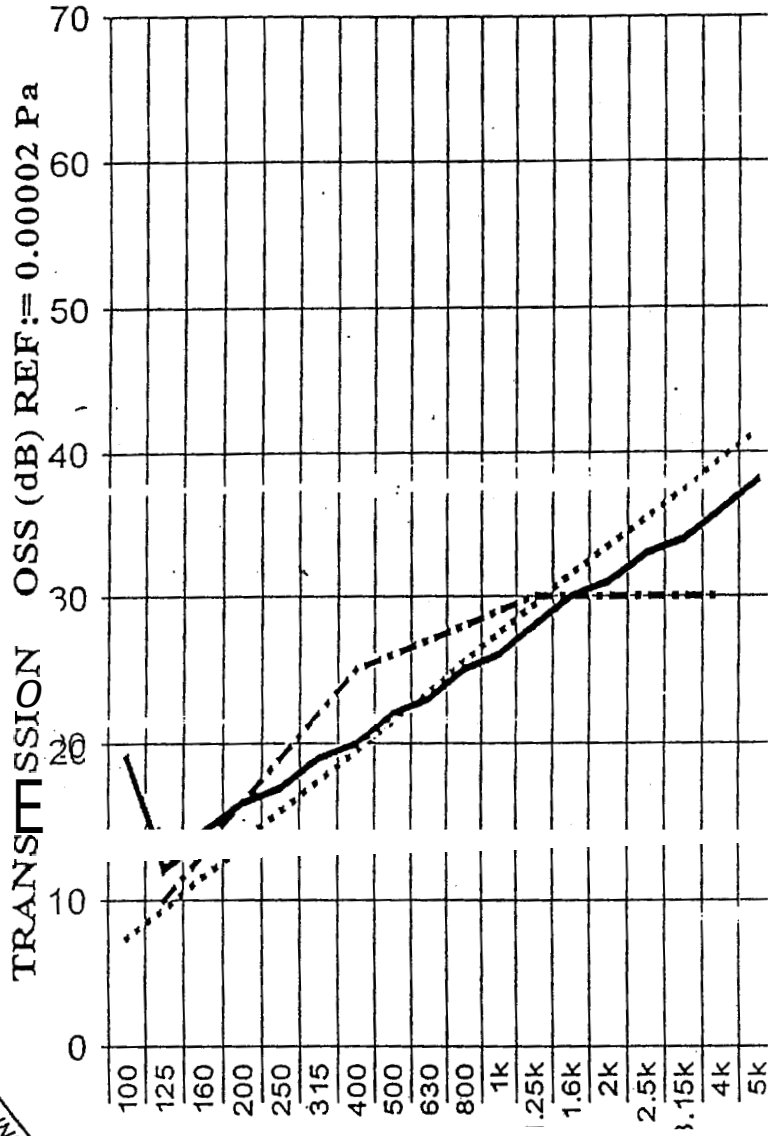
1572 S. BATAVIA AVENUE
GENEVA, ILLINOIS 60134

Alion Science and Technology

TEST REPORT

630/232-
WALLACE CLEMENTS
FOUNDED 1

SOUND TRANSMISSION REPORT
RAL - TL03-085



STC = 26

TRANSMISSION LOSS

SOUND TRANSMISSION LOSS CONTOUR

MASS LAW

9/21/05

14 & 18 Jarita Ct 308-A.1

05-1192

ONE AND TWO FAMILY	PLAN REVIEW	CHECKLIST		
Soil type/Presumptive Load Value (Table R401.4.1) _____				
Component	**Submitted Plan**	**Findings**	**Revisions**	**Date**
STRUCTURAL Footing Dimensions/Depth (Table **R403.1 & R403.1(1),** (Section **R403.1 & R403.1.4.1)**	12" & 20" 4' min			
Foundation Drainage, Fabric, Damp proofing (Section **R405 & R406)**	4" perf/bitumnous Fabric	OK		
Ventilation/Access (Section **R408.1 & R408.3)** Crawls Space **ONLY**	N/A	a;;		
Anchor Bolts/Straps, **spacing** (Section **R403.1.61**	½" 4' o.c.	OK		
Lally Column Type (Section **R407)** Girder & Header Spans (Table **R 502.5(2))**	built up 2x6 as engineered	OK	~~caution~~	
Built-up Wood Center Girder Dimension/Type	As Engineered 2nFL	OK	~~Caution~~	
Sill/Band Joist Tyue & Dimensions	2x6 PT	OK		
First Floor Joist Species Dimensions and Spacing (Table **R502.3.1(1) &** Table **R502.3.1(2))**	Slab	OK		
Second Floor Joist Species Dimensions and Spacing (Table **R502.3.1(1) &** Table **R502.3.1(2))**	2x10 16" o.c	OK		
Attic or additional Floor Joist Species Dimensions and Spacing (Table **R802.4(1)** and**R802.4(2))**	Trusses 24" o.c	OK		

Pitch, Span, Spacing& Dimension (Table R802.5.1(1) - R 802.5.1(8)) Roof Rafter; Framing & Connections (Section R802.3 & R802.3.1)	6:12 Trusses Truss [illegible] as engin.	OC
Sheathing; Floor, Wall and roof (Table R503.2.1.1(1)	3/4 T&G, 7/16 CDX, CDX w/ H clips	OK
Fastener Schedule (Table R602.3(1) & (2))	IRC 2023	OK
Private Garage (Section R309) Living Space ? (Above or beside) Fire separation (Section R309.2)	5/8 X [illegible]	OK
Opening Protection (Section R309.1)	1hr doors	
Emergency Escape and Rescue Openings (Section R310)	Paradigm Spec Sheet	OK
Roof Covering (Chapter 9)	Asphalt	
Safety Glazing (Section R308)	~~Acceptable~~	ok
Attic Access (Section R807)	22" x 30" Scuttle	OK
Chimney Clearances/Fire Blocking (Chap. 10)	N/A	
Header Schedule (Section 502.5(1) & (2)	as noted on Plans	Eng. design
Energy Efficiency (N1101.2.1) R-Factors of Walls, Floors, Ceilings, Building Envelope, U-Factor Fenestration	Foundation/slab insulated walls R-19 - Cap R-38 Window ?	received Fax 3.3.'24 OK

Type of Heating System	Baxi Luna	
Means of Egress (Sec R311 & R312)		
Basement	N/A	
Number of Stairways	2	OK
Interior	2	
Exterior		
Treads and Risers (Section R311.5.3)	7" Rise 11" Tread	
Width (Section R311.5.1)	3' min	
Headroom (Section R311.5.2)	6'8" min.	OK
Guardrails and Handrails (Section R312 & R311.5.6 – R311.5.6.3)	42" minimum	
Smoke Detectors (Section R313) Location and type/Interconnected	As noted on plans	
Dwelling Unit Separation (Section R317) and IBC – 2003 (Section 1207)	As submitted	OK
Deck Construction (Section R502.2.1)	Grade Roof 2x8 16" O.C. Beam 3 ply 2x8 ceiling	OK

Double Hung windows have full interlock system at meeting rail with two lines of weatherstripping.

Sash operates with a 1/2" stainless steel constant force coil spring balance for a lifetime of effortless operation and reliability.

Double Hung windows have 6° reinforced sloped sill for better drainage, strength and a traditional appearance.

Choose between no grills, traditional flat profile or contour shape colonial grills between the glass.

All Paradigm windows feature multiple chamber profiles for superior insulation and rigidity.

Thermopane units utilize Cardinal Low E² glass and TruSeal Swiggle spacer for the best insulating value and clarity of view, including a lifetime glass seal warranty.

Low profile ergonomic, aesthetic sash locks and tilt-latches compliment the stylish window design.

Cleaning your windows is simplified by easy-to-operate bottom tilting sash.

Features found in Paradigm Versatec windows:

- Molded in J channel gives the exterior a finished appearance and is a perfect fit for vinyl or wood siding.
- 3/4" Low E² thermopane unit utilizing warm edge technology Swiggle spacer system for optimum insulation.
- Tested to stringent standards and compliant with all NFRC and Energy Star® qualifications for insulation, structural strength and resistance to the elements.
- Fully-welded, multiple chamber sash and frame for superior thermal performance and structural integrity.
- Triple weatherstripping where sash meet the frame jambs for superior resistance to wind infiltration.
- EPDM sill bulb for positive seal against water and wind penetration for years of dependable service.
- 1/2" stainless steel constant force balance for effortless, worry-free ease of operation.
- Full interlock with two weatherstripe at the meeting rail of the sash for better resistance to wind infiltration and security.
- Internally reinforced 6° sloped sill for optimum drainage.
- Attractive balance channel covers for aesthetics and air resistance.
- Extruded full screen included.
- Higher Standard Lifetime Warranty covering manufacturing defects and parts. Consult the written warranty for specific coverage information.

JAKITA CONDO WINDOWS

StarBrite CARDINAL® IG TRUSEAL

At Paradigm, we do it all for *U*! *U* is defined as the heat flow through the glazing system. When you specify our StarBrite™ glazing system featuring Cardinal IG glass *the best Low E² energy saving glass in the industry* and TruSeal *swiggle warm edge technology spacer system* you get a window that's been tested and is NFRC compliant and exceeds all Energy Star® qualifications for the industry. Compare Paradigm's *U* values and see why we're your best choice in windows!

Window Size	Glass Type	*U* Glass	*U* Unit	S.H.G.C. Unit	V.L.T. Unit	Air Inf. @ 25mph	Water PSF	Structural Rating (PSF)	Structural Class (AAMA)	Overall Rating
36x60	Clear	.49	.49	.60	.66	.10 CFM	5.25	90	R60	H-R85
36x60	Low E²	.30	.33	.34	.58	.10 CFM	5.25	90	R60	H-R85
36x60	Low E²/Argon	.25	.29	.34	.58	.10 CFM	5.25	90	R60	H-R85
44x60	Clear	.49	.49	.62	.66	.10 CFM	5.25	75	R50	H-R85
44x60	Low E²	.30	.34	.34	.58	.10 CFM	5.25	75	R50	H-R85
44x60	Low E²/Argon	.25	.30	.34	.58	.10 CFM	5.25	75	R50	H-R85

*Low E² is standard in Versatec, Argon is optional.

S.H.G.C. is Shading Coefficient.
V.L.T. is Visible Light Transmittance.

Energy Star® Program, U.S. Environmental Protection Agency www.energystar.gov
NFRC, Nation Fenestration Rating Council www.nfrc.org

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Window Solutions For Life
011008