

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

Please Read
Application And
Notes, If Any,
Attached

BUILDING INSPECTION

PERMIT

Permit Number: 090213

PERMIT ISSUED

 This is to certify that HARVEY STEPHEN J / Black Birch Construction LLC / Steve Harvey

 has permission to Add 1 car attached garage, rehang sunroom, skylites, new siding, relocate existing windows, new kitchen cabinets,

 AT 107 VAUGHAN ST

CB 062 D016001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

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

Notification of inspection must be given and written permission procured before this building or part thereof is altered or otherwise enclosed-in. 24 HOUR 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

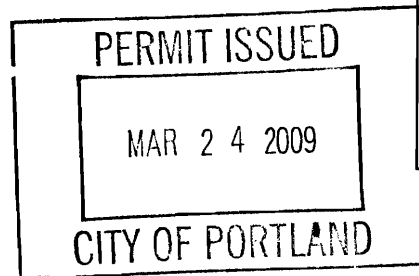
Thomas R. Marberry 3/24/09
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0213		Issue Date:	CBL: 062 D016001
Location of Construction: 107 VAUGHAN ST	Owner Name: HARVEY STEPHEN J	Owner Address: 107 VAUGHAN ST	Phone:
Business Name:	Contractor Name: Black Birch Construction LLC / Ste	Contractor Address: 43 Zephyr Road Raymond	Phone: 2076714166
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Dwellings	Zone: R-4
Past Use: Single Family Home	Proposed Use: Single Family Home - Add 1 car attached garage, rehab sunroom, skylites, new siding, relocate existing windows, new kitchen cabinets, new plumbing fixtures, new flooring, replace side door	Permit Fee: \$1,020.00	Cost of Work: \$100,000.00
Proposed Project Description: Add 1 car attached garage, rehab sunroom, skylites, new siding, relocate existing windows, new kitchen cabinets, new plumbing fixtures, new flooring, replace side door		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R3 Type: 5B IRC 2003
		Signature: <i>Jm 3/24/09</i>	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____	
Permit Taken By: Ldobson	Date Applied For: 03/19/2009	Zoning Approval	
<ol style="list-style-type: none">This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.Building permits do not include plumbing, septic or electrical work.Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> <i>Ok w/cond hair</i> Date: 3/20/09 <i>ABM</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <i>yes</i> <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: 3/24/09 <i>SEH</i>

**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



General 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: 107 VAUGHN Street Portland, ME 04103		
Total Square Footage of Proposed Structure/Area	Square Footage of Lot 14,029	Number of Stories 1.5
Tax Assessor's Chart, Block & Lot Chart# 62 Block# D Lot# 16	Applicant *must be owner, Lessee or Buyer* Name Stephen J. Harvey Address 43 Zephyr Road. City, State & Zip Raymond, ME 04071	Telephone: 207 671-4166
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ 100,000.00 C of O Fee: \$ Total Fee: \$ 1,020
Current legal use (i.e. single family) <u>single family</u> Number of Residential Units <u>1</u> If vacant, what was the previous use? <u>Residence</u> Proposed Specific use: <u>Vehicle Storage garage, roof deck,</u> Is property part of a subdivision? <u>No</u> If yes, please name _____ Project description: <u>Add 1 car attached garage, Rehab sun room, skylites, New siding, Relocate existing windows, New Kitchen cabinets, New plumbing fixtures, New Flooring, Replace Sliding Door,</u>		
Contractor's name: <u>Black Birch Construction LLC</u> Address: <u>43 Zephyr Road</u> City, State & Zip <u>Raymond, Maine 04071</u> Telephone: <u>671-4166</u> Who should we contact when the permit is ready: <u>Steve Harvey</u> Telephone: <u>671-4166</u> Mailing address: <u>43 Zephyr Road, Raymond, Maine 04071</u>		

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

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: <u>Stephen J. Harvey</u>	Date: <u>3/18/09</u>	2009
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This is not a permit; you may not commence ANY work until the permit is issue

Applicant: Stephen Harvey

Date: 3/20/09

Address: 107 Vaughn St.

C-B-L: 62-D-016

CHECK-LIST AGAINST ZONING ORDINANCE

Date - house built ~~1905~~ 1980

Zone Location - R-4

Interior or corner lot -

Proposed Use/Work - build attached two car garage. (24' x 22.5')

Seavage Disposal -

Lot Street Frontage -

Front Yard - 25' min - 100' setback scaled ok

Rear Yard - 25' min - 75' scaled ok

Side Yard - 1 1/2 story - 10' min - 11' scaled ok.
2 story - 14' min.

Projections -

Width of Lot -

Height - 35' max

Lot Area - 6,000 sq ft min, - ^{14,029 given} ~~14,635 (assumed)~~

Lot Coverage/Impervious Surface - 30% = 4208.7 sq ft

Area per Family - 3,000 sq ft

Off-street Parking - N/A

Loading Bays - N/A

Site Plan - N/A

Shoreland Zoning/Stream Protection - N/A

Flood Plains - N/A

sum 24 x 22.5 = 540

less 50 x 24 = 1200

30 x 7 = 210

12 x 5 = 60

2 x 4 = 8

deck 8 x 14 = 112

2230 - given 2389.51 sq ft

City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0213	Date Applied For: 03/19/2009	CBL: 062 D016001
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Location of Construction: 107 VAUGHAN ST	Owner Name: HARVEY STEPHEN J	Owner Address: 107 VAUGHAN ST	Phone:
Business Name:	Contractor Name: Black Birch Construction LLC / Ste	Contractor Address: 43 Zephyr Road Raymond	Phone (207) 671-4166
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Dwellings	

Proposed Use: Single Family Home - Add 1 car attached garage (24' x 22.5'), rehab sunroom, skylites, new siding, relocate existing windows, new kitchen cabinets, new plumbing fixtures, new flooring, replace side door	Proposed Project Description: Add 1 car attached garage, rehab sunroom, skylites, new siding, relocate existing windows, new kitchen cabinets, new plumbing fixtures, new flooring, replace side door
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Dept: Historic **Status:** Approved with Conditions **Reviewer:** Scott Hanson **Approval Date:** 03/20/2009
Note: **Ok to Issue:** ☒

- 1) HP Board was told by applicant that roofing is not going to be metal as shown on plans. Applicant wanted to use wood shingles, but it is unlikely Fire will allow that on the peninsula, so applicant said he'd go with an architectural asphalt shingle. That selection needs to be approved by HP staff prior to installation.

Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Ann Machado **Approval Date:** 03/20/2009
Note: **Ok to Issue:** ☒

- 1) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 2) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Tom Markley **Approval Date:** 03/24/2009
Note: **Ok to Issue:** ☒

- 1) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.
- 2) Separate permits are required for any electrical, plumbing, HVAC or exhaust systems. Separate plans may need to be submitted for approval as a part of this process.

Comments:

3/23/2009-tm: spoke to stephen Harvey and requested more info on framing details for garage and foundation details of same. He will have the architect e-mail the pdf file today.

Entranceways



Arched

Archtop doors are sized to industry standard widths of 3'0" & 3'6" and heights of 6'8" & 8'0".

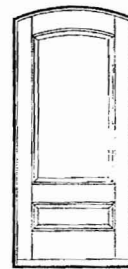
Archtop - Full Panel



243



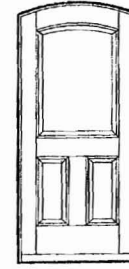
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661



324



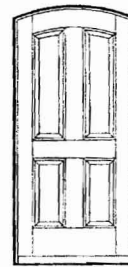
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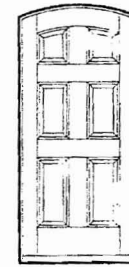
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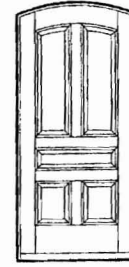
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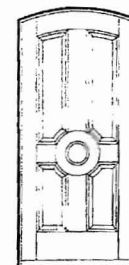
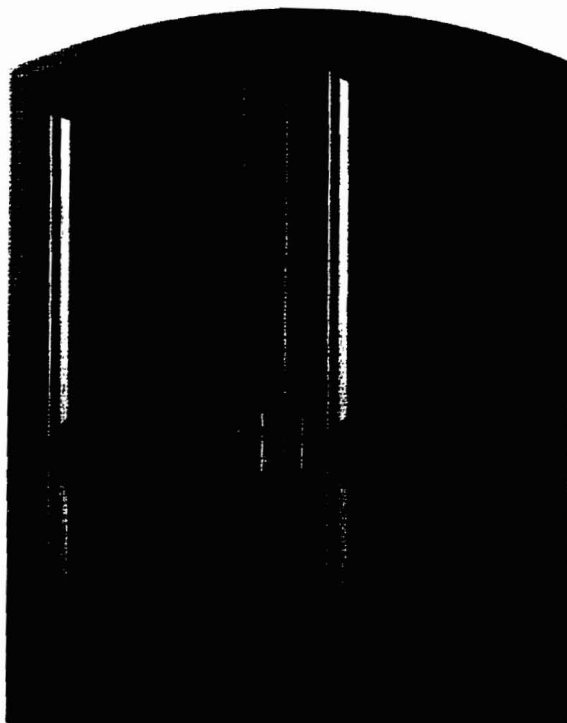
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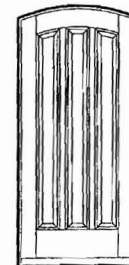
641



675



604



677

Archtop (327)

Shown in mahogany with KML by Andersen™ pewter hardware.

107 - 3 2009

QUOTE #	STATUS	JOB NAME		QUOTE DATE	LEAD TIME
118932	Certified	HARVEY JOB		2/12/2009	20 - 25 WORKING DAYS PLUS SHIP WEEKS
QUOTED BY	CUSTOMER PO#	AW ORDER #	AOC QUOTE #	ORDER DATE	DATE REQUESTED
bmittchell			5077846	Quote Not Ordered	None

LINE #	DESCRIPTION	FTL	QUANTITY	LIST PRICE	EXTENSION
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500-1 UNIT DESCRIPTION

0.6110

1

\$2,881.00

\$2,881.00

Entranceway Single Door 36S ~~118~~ 332

Frame Radius = 48"

DIMENSIONS

37 5/8" X 82" x 78 5/32" R48"

FRAME

Wood, Mahogany Ext, Unfinished, Maple Int, Unfinished

Solid Mahogany Inswing (IAM), Solid Mahogany

Door Hinging - Right (Viewed from Exterior)

DOOR SLAB

Wood Mahogany Ext, Unfinished, Maple Int, Unfinished

Slab Thickness 1 3/4"

GLASS

High Performance Low E4, Tempered, Argon

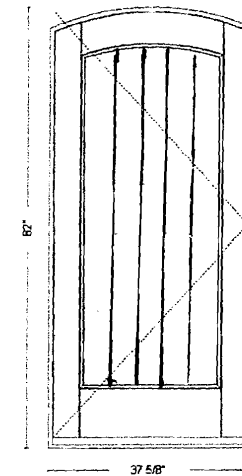
DOOR HARDWARE

Hinges - Ball Bearing, Oil Rubbed Bronze

WRAPPING

Mahogany, 34312 Flat Brickmould Brickmould, Installed,
Head and Sides

For 4 9/16" Base Jamb



Andersen architectural inswing doors are designed for entry door applications. The intended location of a door will affect the performance requirement. Additional protection offered by overhangs will help to ensure the entry door's performance is not compromised.

VIEWED FROM EXTERIOR

Comments:

None Assigned

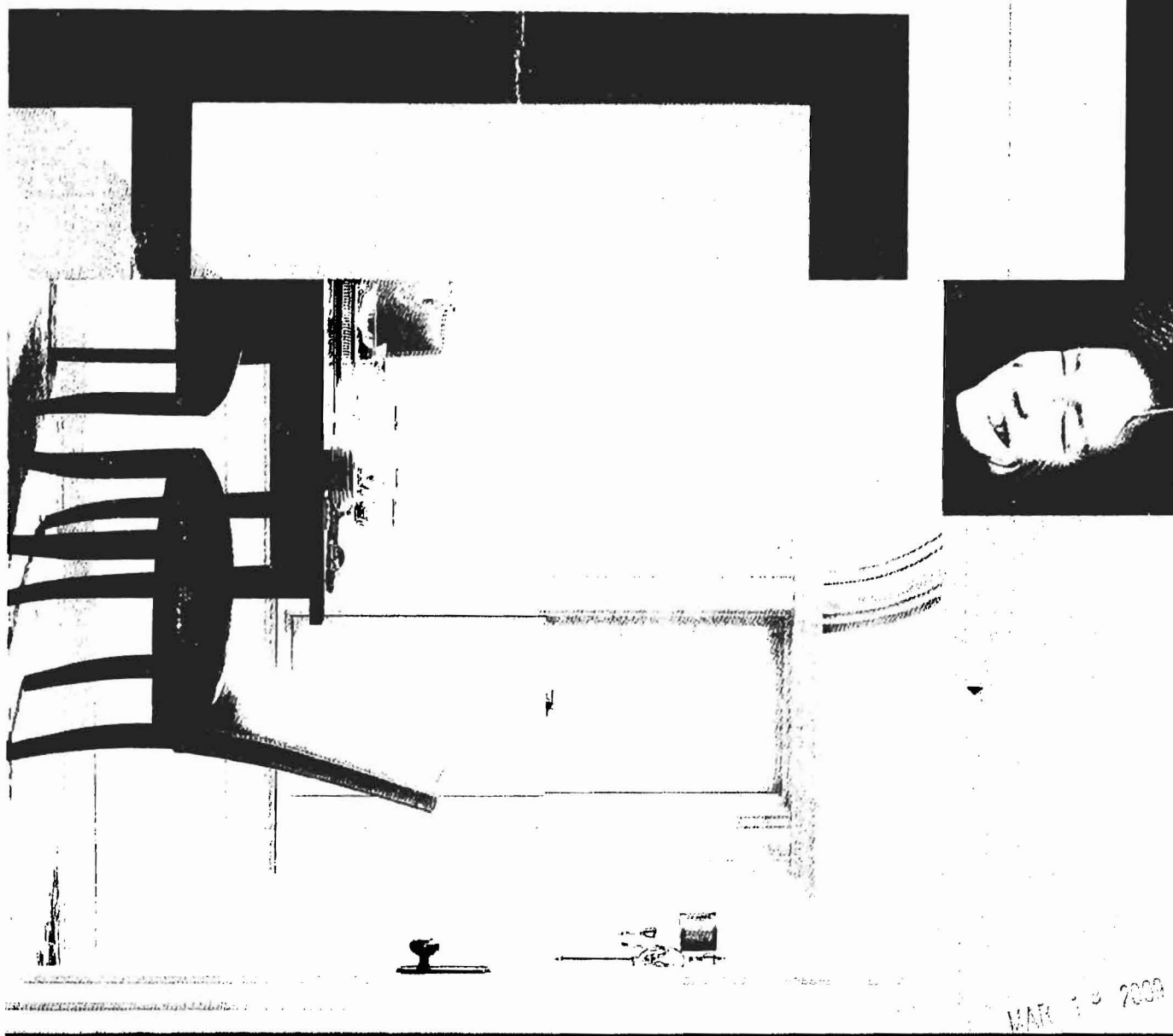
Rough Opening: 38 1/8" X 82 1/2" X 78 9/16"

Overall Unit 37.625" X 82"

APPROVAL SIGN-OFF

WINDOWS • DOORS
Andersen

AW



MAR 13 2008

Casement & Awning Windows

A=SERIES

Table of Basic Awning Unit Sizes Scale 1/8" = 1'-0" (1:96)

Custom widths between 20" and 72" in 1/8" increments.

Unit Dimension	1'-7 1/4"	1'-11 1/4"	2'-3 1/4"	2'-5 1/4"	2'-7 1/4"	2'-9 1/4"	2'-11 1/4"	3'-1 1/4"	3'-3 1/4"	3'-7 1/4"	3'-11 1/4"
	(489)	(591)	(692)	(743)	(794)	(845)	(895)	(946)	(997)	(1099)	(1200)
Minimum Rough Opening	1'-8"	2'-0"	2'-4"	2'-6"	2'-8"	2'-10"	3'-0"	3'-2"	3'-4"	3'-8"	4'-0"
	(508)	(610)	(711)	(762)	(813)	(864)	(914)	(965)	(1016)	(1118)	(1219)
Unobstructed Glass	12 5/8"	16 5/8"	20 5/8"	22 5/8"	24 5/8"	26 5/8"	28 5/8"	30 5/8"	32 5/8"	36 5/8"	40 5/8"
	(321)	(422)	(524)	(575)	(625)	(676)	(727)	(778)	(829)	(930)	(1032)
Custom heights between 16" and 36" in 1/8" increments.	1'-3 1/4"	1'-7 1/4"	1'-11 1/4"	2'-3 1/4"	2'-5 1/4"	2'-7 1/4"	2'-9 1/4"	2'-11 1/4"	3'-1 1/4"	3'-3 1/4"	3'-11 1/4"
	(387)	(489)	(591)	(692)	(743)	(794)	(845)	(895)	(946)	(997)	(1200)
	1'-4"	1'-8"	2'-0"	2'-4"	2'-6"	2'-8"	2'-10"	3'-0"	3'-2"	3'-4"	4'-0"
	(406)	(508)	(610)	(711)	(762)	(813)	(864)	(914)	(965)	(1016)	(1219)
	8 5/8"	12 5/8"	16 5/8"	20 5/8"	22 5/8"	24 5/8"	26 5/8"	28 5/8"	30 5/8"	32 5/8"	40 5/8"
	(219)	(321)	(422)	(524)	(575)	(625)	(676)	(727)	(778)	(829)	(1032)
	AAN1814	AAN2014	AAN2414	AAN2614	AAN2814	AAN21014	AAN3014	AAN3214	AAN3414	AAN3814	AAN4014
	AAN1818	AAN2018	AAN2418	AAN2618	AAN2818	AAN21018	AAN3018	AAN3218	AAN3418	AAN3818	AAN4018
	AAN18110	AAN20110	AAN24110	AAN26110	AAN28110	AAN210110	AAN30110	AAN32110	AAN34110	AAN38110	AAN40110
	AAN1820	AAN2020	AAN2420	AAN2620	AAN2820	AAN21020	AAN3020	AAN3220	AAN3420	AAN3820	AAN4020
Custom heights between 16" and 36" in 1/8" increments.	2'-3 1/4"	2'-7 1/4"	2'-11 1/4"	3'-1 1/4"	3'-3 1/4"	3'-7 1/4"	3'-11 1/4"	4'-1 1/4"	4'-3 1/4"	4'-7 1/4"	4'-11 1/4"
	(692)	(794)	(895)	(946)	(997)	(1099)	(1200)	(1302)	(1403)	(1505)	(1607)
	2'-4"	2'-8"	3'-0"	3'-2"	3'-4"	3'-8"	4'-0"	4'-2"	4'-4"	4'-8"	5'-0"
	(711)	(813)	(914)	(965)	(1016)	(1118)	(1219)	(1321)	(1422)	(1524)	(1626)
	20 5/8"	24 5/8"	28 5/8"	32 5/8"	36 5/8"	40 5/8"	44 5/8"	48 5/8"	52 5/8"	56 5/8"	60 5/8"
	(524)	(625)	(727)	(829)	(930)	(1032)	(1133)	(1235)	(1337)	(1438)	(1540)
	AAN1824	AAN2024	AAN2424	AAN2624	AAN2824	AAN21024	AAN3024	AAN3224	AAN3424	AAN3824	AAN4024
	AAN1828	AAN2028	AAN2428	AAN2628	AAN2828	AAN21028	AAN3028	AAN3228	AAN3428	AAN3828	AAN4028
	AAN1830	AAN2030	AAN2430	AAN2630	AAN2830	AAN21030	AAN3030	AAN3230	AAN3430	AAN3830	AAN4030

Awning Unit Sizes - continued

Custom widths between 20" and 72" in 1/8" increments.

Unit Dimension	4'-3 1/4"	4'-7 1/4"	4'-11 1/4"	5'-3 1/4"	5'-7 1/4"	5'-11 1/4"
	(1302)	(1403)	(1505)	(1607)	(1708)	(1810)
Minimum Rough Opening	4'-4"	4'-8"	5'-0"	5'-4"	5'-8"	6'-0"
	(1321)	(1422)	(1524)	(1626)	(1727)	(1829)
Unobstructed Glass	44 5/8"	48 5/8"	52 5/8"	56 5/8"	60 5/8"	64 5/8"
	(1133)	(1335)	(1337)	(1438)	(1540)	(1641)
Custom heights between 16" and 36" in 1/8" increments.	1'-3 1/4"	1'-7 1/4"	1'-11 1/4"	2'-3 1/4"	2'-7 1/4"	2'-11 1/4"
	(387)	(489)	(591)	(692)	(794)	(895)
	1'-4"	1'-8"	2'-0"	2'-4"	2'-8"	3'-0"
	(406)	(508)	(610)	(711)	(813)	(914)
	8 5/8"	12 5/8"	16 5/8"	20 5/8"	24 5/8"	28 5/8"
	(219)	(321)	(422)	(524)	(625)	(727)
	AAN4414	AAN4814	AAN5014	AAN5414	AAN5814	AAN6014
	AAN4418	AAN4818	AAN5018	AAN5418	AAN5818	AAN6018
	AAN44110	AAN48110	AAN50110	AAN54110	AAN58110	AAN60110
	AAN4420	AAN4820	AAN5020	AAN5420	AAN5820	AAN6020
Custom heights between 16" and 36" in 1/8" increments.	2'-3 1/4"	2'-7 1/4"	2'-11 1/4"	3'-1 1/4"	3'-3 1/4"	3'-7 1/4"
	(692)	(794)	(895)	(946)	(997)	(1099)
	2'-4"	2'-8"	3'-0"	3'-2"	3'-4"	3'-8"
	(711)	(813)	(914)	(965)	(1016)	(1118)
	20 5/8"	24 5/8"	28 5/8"	32 5/8"	36 5/8"	40 5/8"
	(524)	(625)	(727)	(829)	(930)	(1032)
	AAN4424	AAN4824	AAN5024	AAN5424	AAN5824	AAN6024
	AAN4428	AAN4828	AAN5028	AAN5428	AAN5828	AAN6028
	AAN4430	AAN4830	AAN5030	AAN5430	AAN5830	AAN6030

Casement & Awning Windows

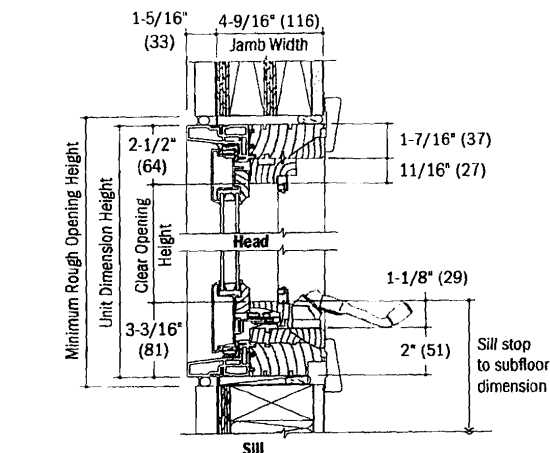
Table of Basic Casement Unit Sizes Scale 1/8" = 1'-0" (1:96)

Unit Dimension	Custom widths between 16" and 36" in 1/8" increments.					
	1'-7 1/4" (489)	1'-11 1/4" (591)	2'-3 1/4" (692)	2'-5 1/4" (743)	2'-7 1/4" (794)	2'-9 1/4" (845)
Minimum Rough Opening	1'-8" (508)	2'-0" (610)	2'-4" (711)	2'-6" (762)	2'-8" (813)	2'-10" (864)
Unobstructed Glass	12 5/8" (321)	16 5/8" (422)	20 5/8" (524)	22 5/8" (575)	24 5/8" (625)	26 5/8" (676)
1'-11 1/4" (591)	2'-0" (610)	2'-3 1/4" (692)	2'-5 1/4" (743)	2'-7 1/4" (794)	2'-9 1/4" (845)	2'-11 1/4" (895)
2'-3 1/4" (692)	2'-4" (711)	2'-6" (762)	2'-8" (813)	2'-10" (864)	2'-11 1/4" (895)	2'-12 1/4" (946)
2'-7 1/4" (794)	2'-8" (813)	2'-10" (864)	2'-11 1/4" (895)	2'-12 1/4" (946)	2'-13 1/4" (997)	2'-15 1/4" (1099)
2'-11 1/4" (895)	3'-0" (914)	3'-2" (965)	3'-4" (1016)	3'-6" (1067)	3'-8" (1118)	3'-10" (1169)
3'-3 1/4" (997)	3'-4" (1016)	3'-6" (1067)	3'-8" (1118)	3'-10" (1169)	3'-11 1/4" (1200)	3'-13 1/4" (1251)
3'-7 1/4" (1099)	3'-8" (1118)	3'-10" (1169)	3'-11 1/4" (1200)	3'-12 1/4" (1231)	3'-14 1/4" (1282)	3'-16 1/4" (1333)
3'-11 1/4" (1200)	4'-0" (1229)	4'-2" (1280)	4'-4" (1331)	4'-6" (1382)	4'-8" (1433)	4'-10" (1484)
4'-3 1/4" (1302)	4'-4" (1321)	4'-6" (1372)	4'-8" (1423)	4'-10" (1474)	4'-11 1/4" (1505)	4'-13 1/4" (1556)
4'-7 1/4" (1403)	4'-8" (1422)	4'-10" (1473)	4'-11 1/4" (1504)	4'-12 1/4" (1535)	4'-14 1/4" (1586)	4'-16 1/4" (1637)
4'-11 1/4" (1505)	5'-0" (1524)	5'-2" (1575)	5'-4" (1626)	5'-6" (1677)	5'-8" (1728)	5'-10" (1779)
5'-3 1/4" (1607)	5'-4" (1626)	5'-6" (1677)	5'-8" (1728)	5'-10" (1779)	5'-11 1/4" (1810)	5'-13 1/4" (1861)
5'-7 1/4" (1708)	5'-8" (1727)	5'-10" (1778)	5'-11 1/4" (1809)	5'-12 1/4" (1840)	5'-14 1/4" (1891)	5'-16 1/4" (1942)
5'-11 1/4" (1810)	6'-0" (1829)	6'-2" (1880)	6'-4" (1931)	6'-6" (1982)	6'-8" (2033)	6'-10" (2084)
ACW1820	ACW2020	ACW2420	ACW2620	ACW2820	ACW21020	ACW3020
ACW1824	ACW2024	ACW2424	ACW2624	ACW2824	ACW21024	ACW3024
ACW1828	ACW2028	ACW2428	ACW2628	ACW2828	ACW21028	ACW3028
ACW1830	ACW2030	ACW2430	ACW2630	ACW2830	ACW21030	ACW3030
ACW1834	ACW2034	ACW2434	ACW2634	ACW2834	ACW21034	ACW3034
ACW1838	ACW2038	ACW2438	ACW2638	ACW2838	ACW21038	ACW3038
ACW1840	ACW2040	ACW2440	ACW2640	ACW2840	ACW21040	ACW3040
ACW1844	ACW2044	ACW2444	ACW2644	ACW2844	ACW21044	ACW3044
ACW1848	ACW2048	ACW2448	ACW2648	ACW2848	ACW21048	ACW3048
ACW1850	ACW2050	ACW2450	ACW2650	ACW2850	ACW21050	ACW3050
ACW1854	ACW2054	ACW2454	ACW2654	ACW2854	ACW21054	ACW3054
ACW1858	ACW2058	ACW2458	ACW2658	ACW2858	ACW21058	ACW3058
ACW1860	ACW2060	ACW2460	ACW2660	ACW2860	ACW21060	ACW3060

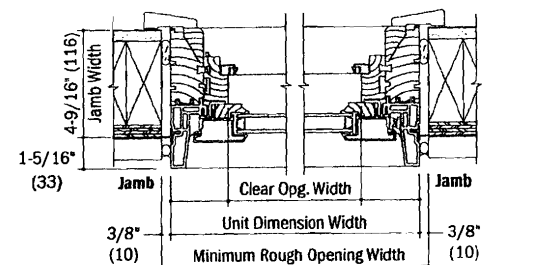
Custom heights between 22" and 72" in 1/8" increments.

Basic Unit and Rough Opening Details

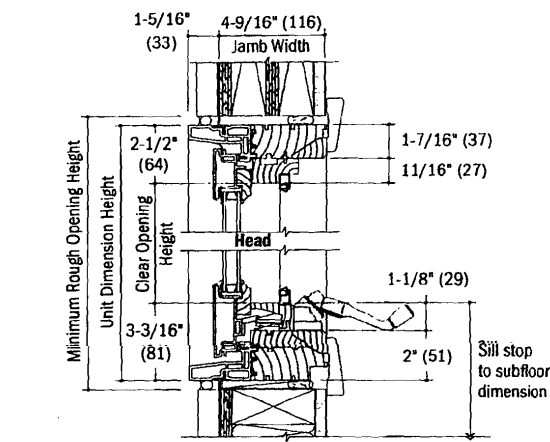
Scale 1-1/2" = 1'-0" (1:8)



Casement Vertical Section



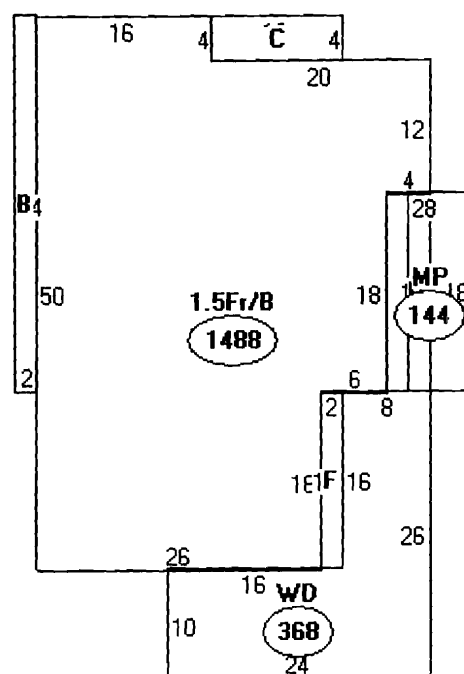
Casement Horizontal Section



Awning Horizontal Section

- Custom sizing: Operating units are not available in 16" widths, only stationary.
- These units meet or exceed the following dimensions: Clear Openable Area of 5.7 sq. ft., Clear Openable Width of 20" and Clear Openable Height of 24".
- "Unit Dimension" always refers to outside frame-to-frame dimension.
- Dimensions in parentheses are in millimeters.





Descriptor/Area

- A: 1.5Fr/B
1488 sqft
- B: FOH
68 sqft
- C: 1Fr
48 sqft
- D: CNPY
36 sqft
- E: MP
144 sqft
- F: OH/WD
32 sqft
- G: WD
368 sqft