

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

Location of Construction: 9 Crescent Ave. P.I. 04108		Owner: Deirdre & Robert Page		Phone: N/A		Permit No: 991377	
Owner Address: SAA		Lessee/Buyer's Name: N/A		Phone: N/A		Business Name: N/A	
Contractor Name: Keith Sulca		Address: 223 Island Ave. P.I. ME 04108		Phone: 766-5780		Permit Issued: DEC 14 1999 CITY OF PORTLAND Zone: CBL: 084-H-015	
Past Use: 1-Family		Proposed Use: Same		COST OF WORK: \$ 15,000		PERMIT FEE: \$ 114.00	
Proposed Project Description: Addition of sunporch to existing deck.		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: A-3 Type: 53 BOCA 90		Signature: <i>[Signature]</i>	
		Signature: _____		Signature: _____		Zoning Approval: <i>[Signature]</i>	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied		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"/>	
Permit Taken By: UB		Date Applied For: 12-8-99		Signature: _____		Date: _____	

- 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..

4 P. **Please send to: Robert & Deirdre Page
9 Crescent Ave.
Peaks Island, ME 04106

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 provisions of the code(s) applicable to such permit

SIGNATURE OF APPLICANT	ADDRESS:	DATE: 12-8-99	PHONE:
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE			PHONE:

White-Permit Desk Green-Assessor's Canary-D.P.W. Pink-Public File Ivory Card-Inspector

PERMIT ISSUED
DEC 14 1999
CITY OF PORTLAND
Zone: CBL: 084-H-015

Zoning Appeal
 Variance
 Miscellaneous
 Conditional Use
 Interpretation
 Approved
 Denied

Historic Preservation
 Not in District or Landmark
 Does Not Require Review
 Requires Review

Action:
 Approved
 Approved with Conditions
 Denied

Date: _____

PERMIT ISSUED WITH REQUIREMENTS

CEO DISTRICT 3

BUILDING PERMIT REPORT

DATE: 9 Dec. 99 ADDRESS: 9 Crescent Ave, P.I. CBL: 084-H-015

REASON FOR PERMIT: Addition of sunporch to existing deck-

BUILDING OWNER: Page's

PERMIT APPLICANT: CONTRACTOR Keith Hu ITS

USE GROUP: R-3 CONSTRUCTION TYPE: 513 CONSTRUCTION COST: \$15,000.00 PERMIT FEES: 114.00

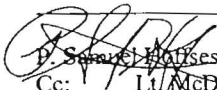
The City's Adopted Building Code (The BOCA National Building code/1996 with City Amendments)
The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)

CONDITION(S) OF APPROVAL

This permit is being issued with the understanding that the following conditions are met: *1, *2, *11, *13, *27, *29, *33, *34, *36, #31

- 1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
2. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained.
3. Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve.
4. Foundations anchors shall be a minimum of 1/2" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts.
5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code.
6. Precaution must be taken to protect concrete from freezing.
7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed.
8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating.
9. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code.
10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
11. Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level.
12. Headroom in habitable space is a minimum of 7'6".
13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/4" maximum rise.
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches.
15. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue.
16. Each apartment shall have access to two (2) separate, remote and approved means of egress.
17. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closer's.
18. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment.

19. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code Chapter 9, Section 920.3.2 (BOCA National Building Code/1996), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations):
 - In the immediate vicinity of bedrooms
 - In all bedrooms
 - In each story within a dwelling unit, including basements
20. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0)
21. The Fire Alarm System shall maintained to NFPA #72 Standard.
22. The Sprinkler System shall maintained to NFPA #13 Standard.
23. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1996)
24. Section 25 – 135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year".
25. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services.
26. Ventilation shall meet the requirements of Chapter 12 Sections 1210.0 of the City's Building Code. (Crawl spaces & attics).
- X 27. All electrical, plumbing and HVAC permits must be obtained by a Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done.
28. All requirements must be met before a final Certificate of Occupancy is issued.
- X 29. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (The BOCA National Building Code/1996).
30. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical code (The BOCA National Mechanical Code/1993). (Chapter M-16)
- (31) Please read and implement the attached Land Use Zoning report requirements. *Not to exceed existing footprint of deck*
32. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.3.1, 2305.4.4 and 2305.5.1 of the City's Building Code.
- X 33. Bridging shall comply with Section 2305.16.
- X 34. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2405.0)
- X 35. All signage, shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1996).
- X 36. *All work shall be done in accordance with the manufacturer's requirements and the bldg. Code requirements.*

 P. Samuel, Building Inspector
 Cc: Lt. McDougall, PFD
 Marge Schmuckal, Zoning Administrator

PSH 11/25/99

****On the basis of plans submitted and conditions placed on these plans any deviations shall require a separate approval.**

*****THIS PERMIT HAS BEEN ISSUED WITH THE UNDERSTANDING THAT ALL THE CONDITIONS OF THE APPROVAL SHALL BE COMPLETED. THEREFORE, BEFORE THE WORK IS COMPLETED A REVISED PLAN OR STATEMENT FROM THE PERMIT HOLDER SHALL BE SUBMITTED TO THIS OFFICE SHOWING OR EXPLAINING THAT THE CONDITIONS HAVE BEEN MET. IF THIS REQUIREMENT IS NOT RECEIVED YOUR CERTIFICATE OF OCCUPANCY SHALL BE WITHHELD.**

THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE PERMIT IS ISSUED

**Building or Use Permit Pre-Application
Additions/Alterations/Accessory Structures
To Detached Single Family Dwelling**

In the interest of processing your application in the quickest possible manner, please complete the Information below for a Building or Use Permit.

NOTEIf 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: <i>9 Crescent St. Peaks Is. 04108</i>

Tax Assessor's Chart, Block & Lot Number Chart# <i>084</i> Block# <i>H</i> Lot# <i>015</i>	Owner: <i>D & R Page Deirdre & Robert Page</i>	Telephone#:
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Owner's Address: <i>9 Crescent Ave</i>	Lessee/Buyer's Name (If Applicable)	Cost Of Work: <i>\$15,000</i>	Fee: <i>\$114-</i>
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Proposed Project Description:(Please be as specific as possible) <i>Add 10' x 10' room/sunporch to existing deck 1-bam</i>

Contractor's Name, Address & Telephone <i>Keith Hults 223 E. Ave. Peaks Is 766-5780</i>	Rec'd By: <i>URS</i>
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Separate permits are required for Internal & External Plumbing, HVAC and Electrical installation.

- All construction must be conducted in compliance with the 1996 B.O.C.A. Building Code as amended by Section 6-Art II.
- All plumbing must be conducted in compliance with the State of Maine Plumbing Code.
- All Electrical Installation must comply with the 1996 National Electrical Code as amended by Section 6-Art III.
- HVAC(Heating, Ventilation and Air Conditioning) installation must comply with the 1993 BOCA Mechanical Code.

You must Include the following with you application:

- 1) A Copy of Your Deed or Purchase and Sale Agreement
- 2) A Copy of your Construction Contract, if available
- 3) A Plot Plan (Sample Attached)

If there is expansion to the structure, a complete plot plan (Site Plan) must include:

- The shape and dimension of the lot, all existing buildings (if any), the proposed structure and the distance from the actual property lines. Structures include decks porches, a bow windows cantilever sections and roof overhangs, as well as, sheds, pools, garages and any other accessory structures.
- Scale and required zoning district setbacks

4) Building Plans (Sample Attached)

A complete set of construction drawings showing all of the following elements of construction:

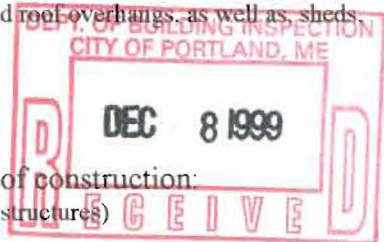
- Cross Sections w/Framing details (including porches, decks w/ railings, and accessory structures)
- Floor Plans & Elevations
- Window and door schedules
- Foundation plans with required drainage and dampproofing
- Electrical and plumbing layout. Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review must be included.

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/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: <i>[Signature]</i>	Date: <i>12/8/99</i>
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Building Permit Fee: \$30.00 for the 1st \$1000.cost plus \$6.00 per \$1,000.00 construction cost thereafter.



From: Keith Hults
223 Is. Ave
Park II ME 04108 766-5780

TO: UNA

re: "page" permit
9 crescent st
Park II. ME

Please del. this fax to
UNA Bentley ASAP.

EXHIBIT A

A certain lot or parcel of land, with the buildings thereon, situated on Peaks Island in Portland, County of Cumberland and State of Maine, on the southerly side of Crescent Avenue, being Lot No. 26 as delineated on plan of building lots of land of J.W. Brackett, easterly from Greenwood Garden, Peaks Island, Maine, as delineated by James B. Jones, Surveyor, which plan is recorded in Cumberland County Registry of Deeds, Plan Book 9, Page 35. Said lot lies on the southerly side of Crescent Avenue and between Lot 24 and 25, on the west and 27 on the east and measures 50 feet or more on said Avenue and extends southerly therefrom 152 feet, more or less, and measures 50 feet on the rear thereof, between the lines of lots 24 and 27.

RECEIVED
RECORDED REGISTRY OF DEEDS

1999 SEP -7 AM 10: 08

CUMBERLAND COUNTY

John B. O'Brien

0066387

287 T81 2256 BK 15029PG 281

P. 02

Warranty Deed
(Maine Statutory Short Form)

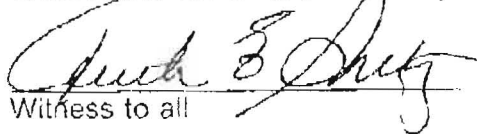
Paul Van Cott and Leslie Dame of Portland, Maine, for consideration paid, grant to Deirdro D. Page and Robert J. Page as Joint Tenants, with a mailing address of 19963 Earls Court, Morgan Hill, California 95037 with WARRANTY COVENANTS, the following described real property situated at **9 Crescent Avenue, Peaks Island, Portland, Cumberland County, Maine**

A certain lot or parcel of land with the buildings thereon, situated in said Portland, and being more particularly described on Exhibit A attached hereto and made a part hereof.

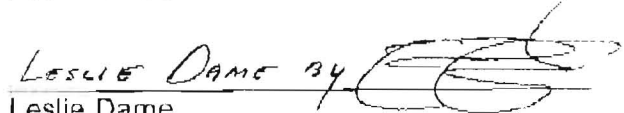
Meaning and intending to convey the same premises described in a deed from Kenneth M. Cole, III, dated July 24, 1997, and recorded in the Cumberland County Registry of Deeds in Book 13215, Page 89.

MAINE REAL ESTATE TAX PAID

Witness our hands this Third day of September, 1999.


Witness to all


Paul Van Cott

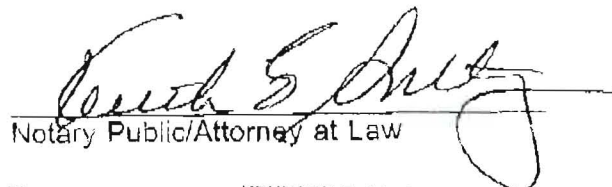

Leslie Dame
By: Paul Van Cott, as her Attorney-in-Fact

State of Maine
County of Cumberland, ss

September 3, 1999

Personally appeared the above named Paul Van Cott, individually, and as Attorney-in-Fact on behalf of Leslie Dame and acknowledged the foregoing instrument to be his free act and deed and his free act and deed in said capacity.

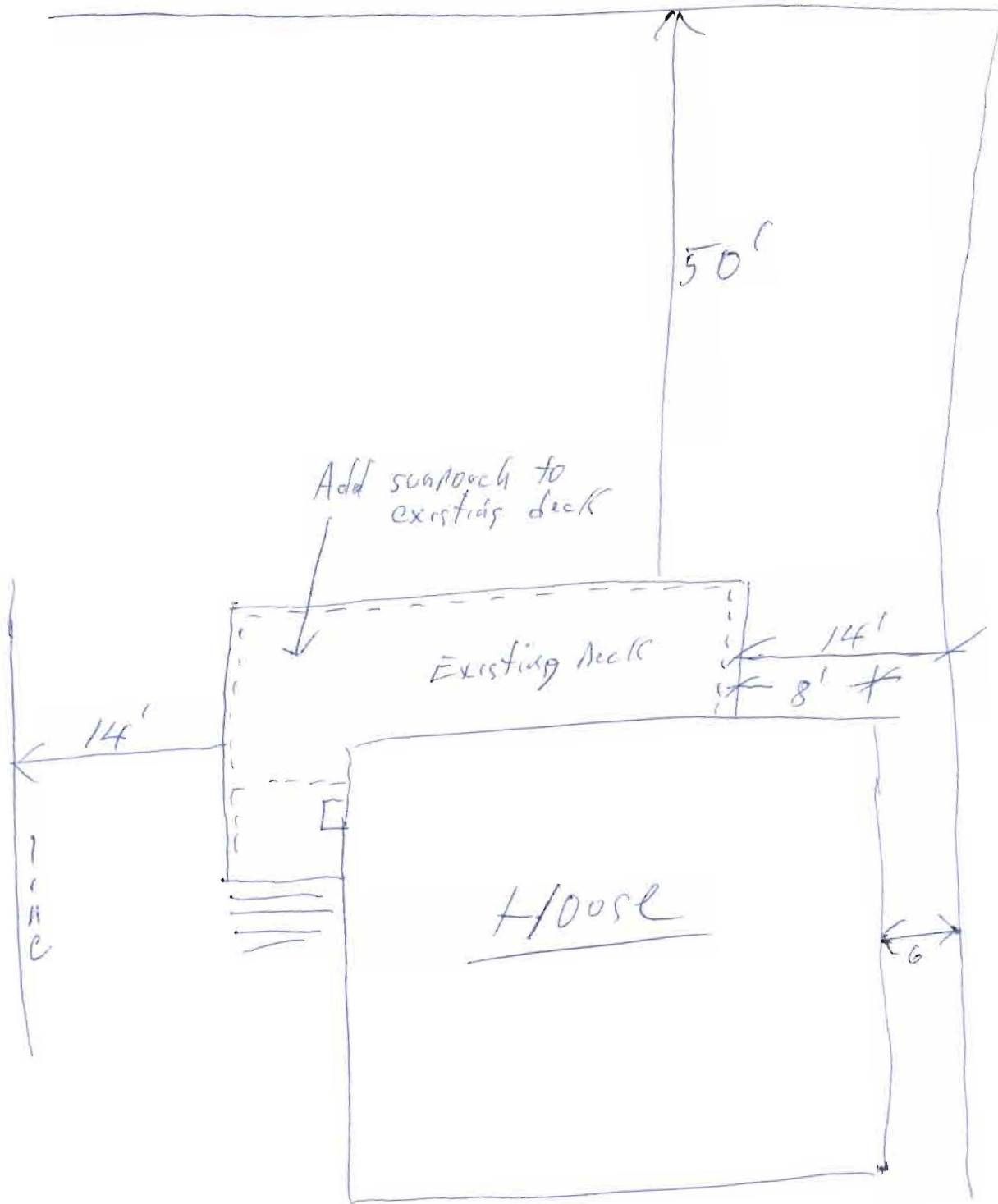
Before me,


Notary Public/Attorney at Law

Printed Name:

KENNETH E. SNITZER
MAINE ATTORNEY AT LAW

Comm. Exp.



D. & R Page .766-9749
 9 Coescent Rd
 Peaks Is ME
 084-1-015
 IR=D

Inspection Services
Michael J. Nugent
Manager



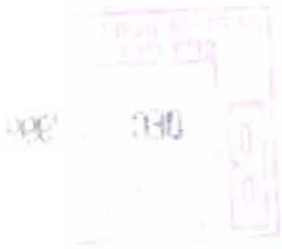
Department of Urban Development
Joseph E. Gray, Jr.
Director

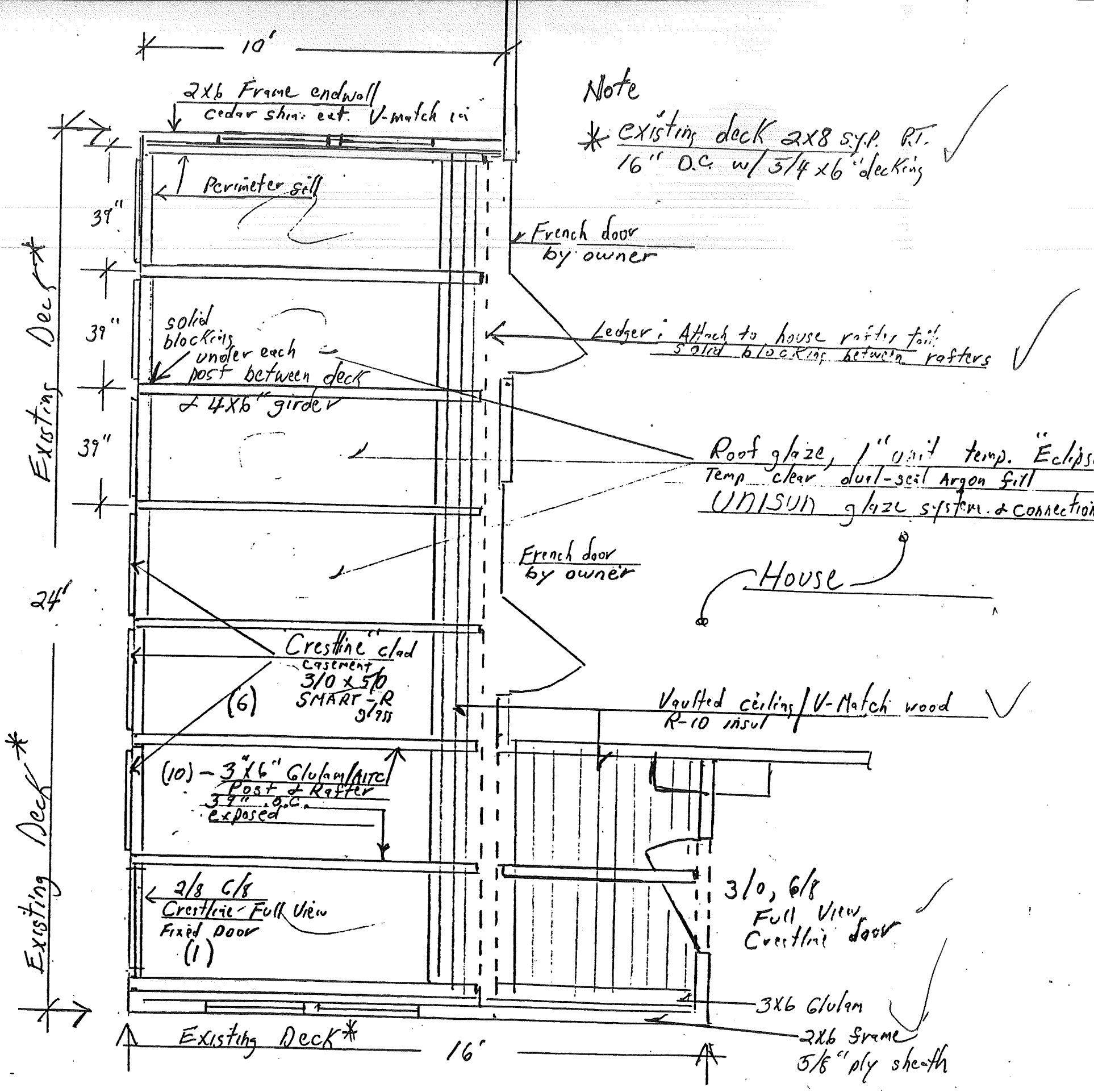
CITY OF PORTLAND

Congratulations!!!!!!

Building or Use Permit Application Additions/Alterations/Accessory Structures To Detached Single Family Dwelling

As an applicant for a building permit, you are about to enter into a relationship with our Office. We welcome any questions, comments or suggestions that will make the process more efficient. Attached you will find an application and some samples of the submissions you will provide at application time. Please read ***ALL*** of the information and if you need any further assistance please call 874-8703 or 874-8693.





Note
 * existing deck 2x8 s.p. Rt.
 16" o.c. w/ 5/4 x 6 decking ✓

Contractor 766-5780
 223 Is Ave Peaks Is
 Keith Haults -

Ledger: Attach to house rafter tail
 solid blocking between rafters ✓
 Roof glaze, 1" unit temp. Eclipse (tm) ✓
 Temp clear dust-seal Argon fill
 UNISUN glaze system & connections

1" = 3/8"

Bob & Dee Page
 Crescent Ave Peaks Is. 04108

Plan View

25 yr 3-tab
shingle

10'

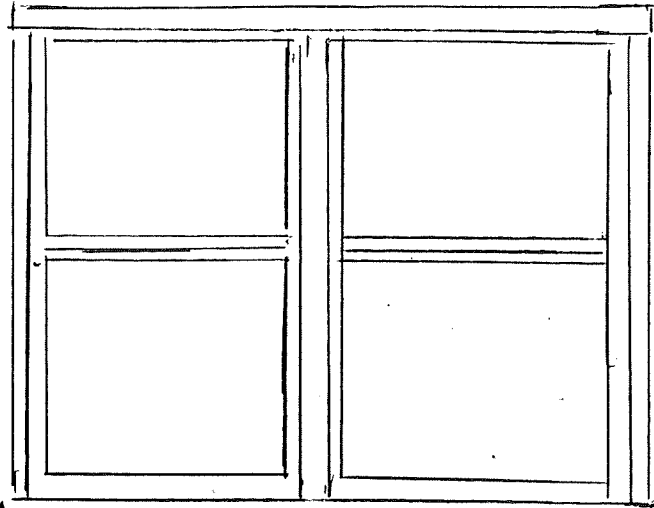
6'

Gable wall on East side
addition 6'x7'6" area

2x6 2' oc. frame, R-14
cedar shing ext. 1x6 V-match
int. Finish to approx color of
house

existing chase

3'10" "Full Lite" entry door



↑ Mull. & H. windows from existing
House Wall

House Wall

5/8" U.L. over 2x4 sleepers

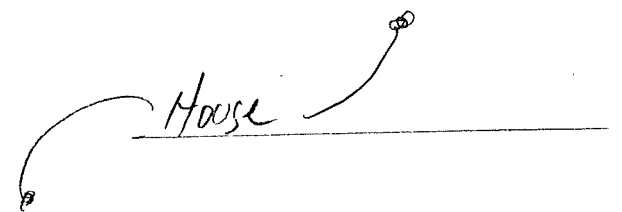
5/4"x6" exist. deck ← Add 2x4 "sleepers" in-sill w/ 1/2" styrene

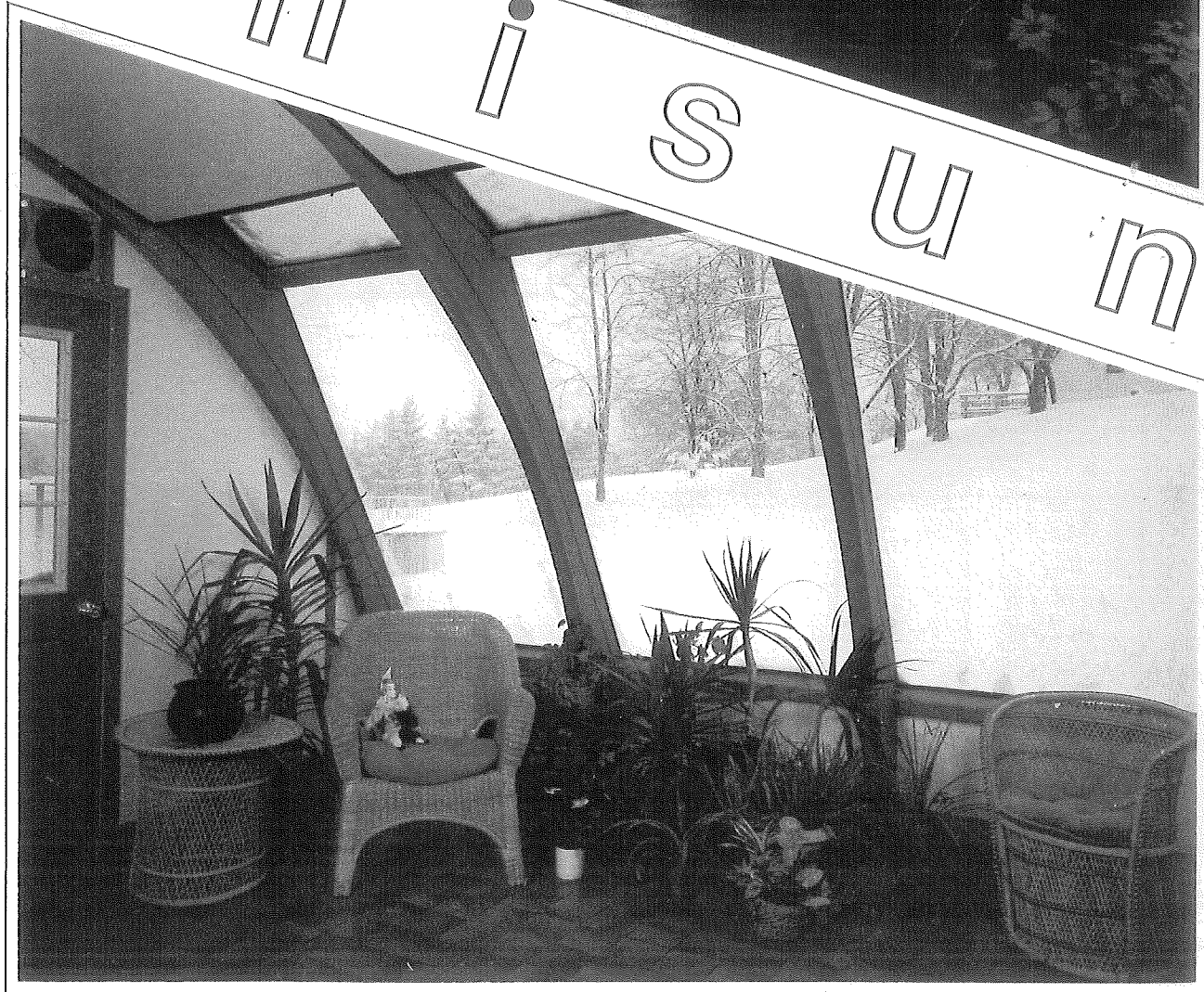
to ledge
1' or
4' below
grade

↑ Add: 6" Fibers insul + 1/4" sheath
to existing 2x8 joists, 16" O.C.,
4x6 Girder 4x4 posts, 36" O.C.,
10" dia concrete piers, Simpson conn.
& masonry anchors. Pin to ledge
if 22° or greater incline

existing Foundation

East elev. 1" = 1/4"





u n i s u n

Technical Specifications

Framework

unisun sunrooms are available in "S-Series" (60° solar slope) or "V-Series" (0° vertical face).

unisun main beams are 3" thick chitectoral grade laminated southern yellow pine, placed 47½" on center.

Cross-purlins are in 8' and 12' lengths and span the beams in a continuous fashion for added stability and ease of assembly.

All wood frame components are factory sealed with a clear wood preservative and may be stained to your specifications at our facility (nominal charge), or by our contractor/installer. Beams are attached to supporting structure by welded steel plates.

Sizes

"S-Series" sunrooms may be ordered in basic depths of 7', 10' and 14'.

10' and 14' rooms feature a row of 2½' overhead glass along the base of a solid metal roof.

By adding additional 2½' incremental widths of roof glass, a partial or totally glass roof area is now possible.

Please consult **unisun** in advance if adding roof glass for specific foundation and cooling requirements.

"V-Series" sunrooms may be ordered in basic depths of 3', 5'6", 8', 10'6", 13' and 14'.

The same roof glass options are available for "V-Series" as described in "S-Series" rooms.

Nominal length of **unisun** sunrooms determined by adding the number of bays, multiplying by 47½" (o.c.), then adding 12" for solid endwalls or 9" for glass endwalls.

Feel free to call to confirm foundation dimensions.

Stressskin Panels

unisun solid wall and roof sections in both the "S-Series" and "V-Series" sunrooms are composed of 7/16" exterior grade sheathing, and an interior wall of ½" water resistant, paintable Medium Density Overlay (MDO) plywood sandwiched around a 3½" injected, rigid, Class 1 foam.

unisun panels are 4½" stressskins insulated to R30.

Glass

unisun face and optional endwall glazing panels are 1" thick overall, tempered, insulated glass, and are available in clear or bronze tints as well

Overhead glazing is tempered Solarcool™ over clear laminated glass. Overall thickness is 1".

Glazing System

unisun's glazing system is a maintenance free, extruded bronze-tone aluminum with an integrated E.P.D.M. gasketing system.

Glass endwalls may be integrated with operable and fixed windows in a variety of stock and custom sizes using a 3" x 3" laminated wood framework.

Door and Window Options

Insulated Door: A prehung 2'8" x 6'8" foam-core insulated metal door with tempered insulating glass and lockset, full perimeter weather stripping and adjustable threshold to insure a weather-tight seal. Solid sections are insulated to R14.

Rectangular Window: A pre-assembled 2'8" x 4'8" window with the upper half fixed in place and the lower half an operable awning. Both are glazed with ⅝" insulating glass. An aluminum framed insect screen is included for the awning portion. The awning is crank operated manually and may be converted to automatic window operator offered as an accessory.

Pentagonal Window: A pre-assembled wood primed window 4'9" high by 3'1" wide at the bottom, and angled on the outer edge to match the 60° slope of the south wall glazing. The window is glazed with a single fixed ⅝" insulated glazing unit.

Kneewall Window: A pre-assembled wood primed window 3'8" wide by 1' 6½" high designed to replace the solid kneewall panel. The operable awning window is glazed with a single ⅝" insulated glazing unit. An aluminum framed insect screen is supplied.

Support Structure Requirements

The foundation must be capable of supporting a maximum downward load of 3736 pounds and a maximum horizontal load of 1190 pounds at each laminated beam. Site built or existing back wall must be capable of supporting a downward load of 280 pounds per lineal foot along the line of the ledger attachment.

Foundations of poured-in-place reinforced concrete, slab-on-grade with perimeter reinforcement, reinforced concrete block foundations and treated wood or reinforced concrete piers are typical systems that can be used.

balconies, or as a roof dormer are also possible given adequate support. A detailed foundation information sheet is available upon request.

Rear wall support structure may be wood frame, solid masonry (brick and/or concrete block), steel frame, adobe or any other less typical system, again given adequate supporting strength.

Maximum Loads

When installed according to the **unisun** printed instructions, the standard units meet or exceed these loading specifications:

Roof Live Load: 100 lbs/sq ft

Wind Loads: 40 lbs/sq ft

Hardware

All hardware, fasteners, and sealants necessary for assembly are supplied. All materials are checked for compatibility and treated for corrosion resistance where necessary.

Exterior Treatment

The **unisun** sunroom is designed to accept conventional siding materials up to 1½" thick. Siding is not included in the package - permitting selection of materials compatible with each specific installation. Brick or stone veneer exterior will normally require additional finishing.

Outside Corner

An outside corner accessory is available in both the "S-Series" and the "V-Series" sunrooms. It may be used as a glass endwall or to allow a continuous installation of the sunroom along one side of a building, around a 90° corner, and along a second side.

**** **unisun** reserves the right to change these specifications ****

Technical Assistance

On request, **unisun** staff is available to supply technical assistance on such matters as foundation specifications, drawings and instructions for unusual applications - as well as on standard rooms and sites.

For more information or the location of your nearest dealer, call us at:

1-518-235-4910

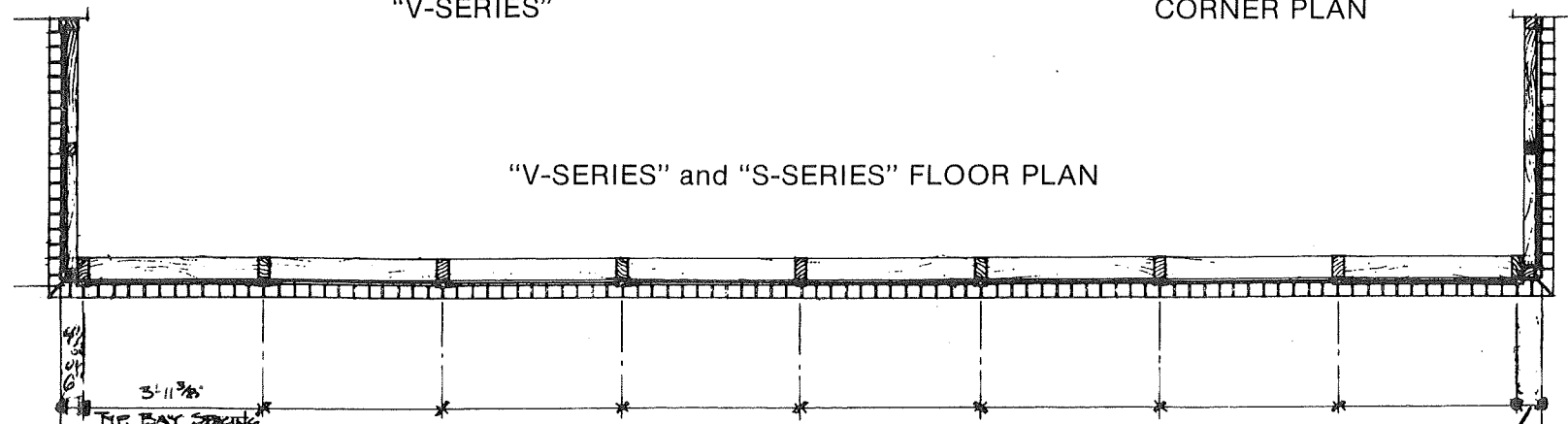
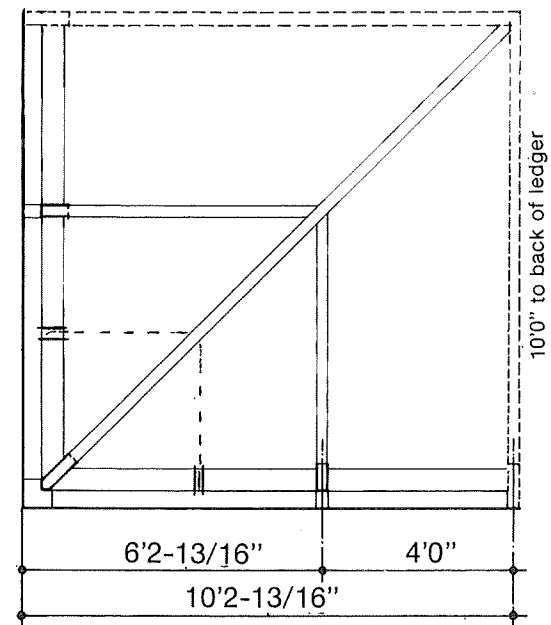
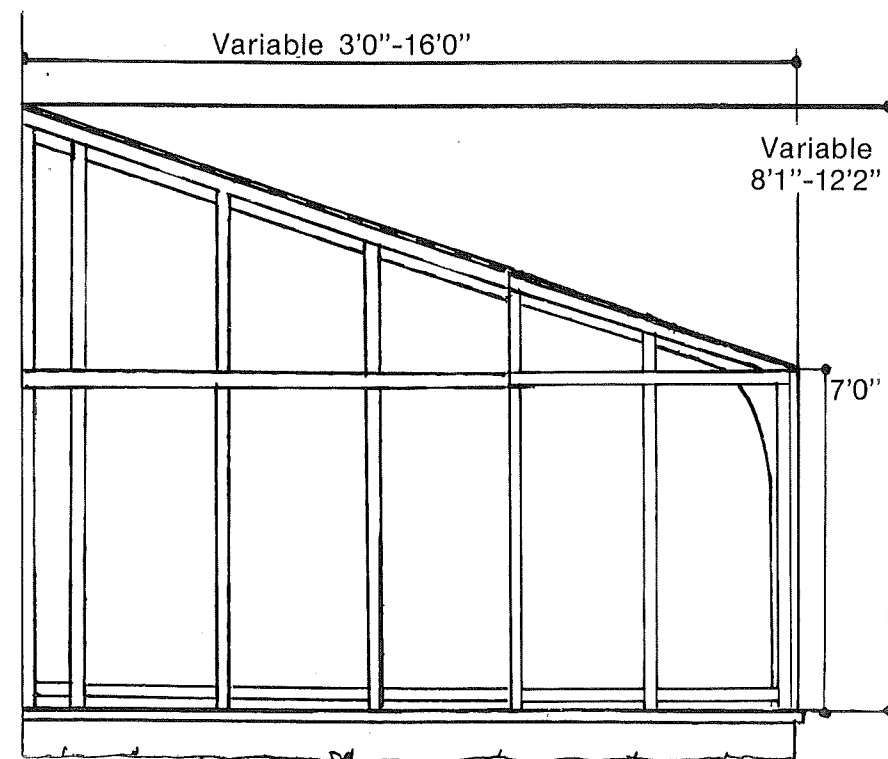
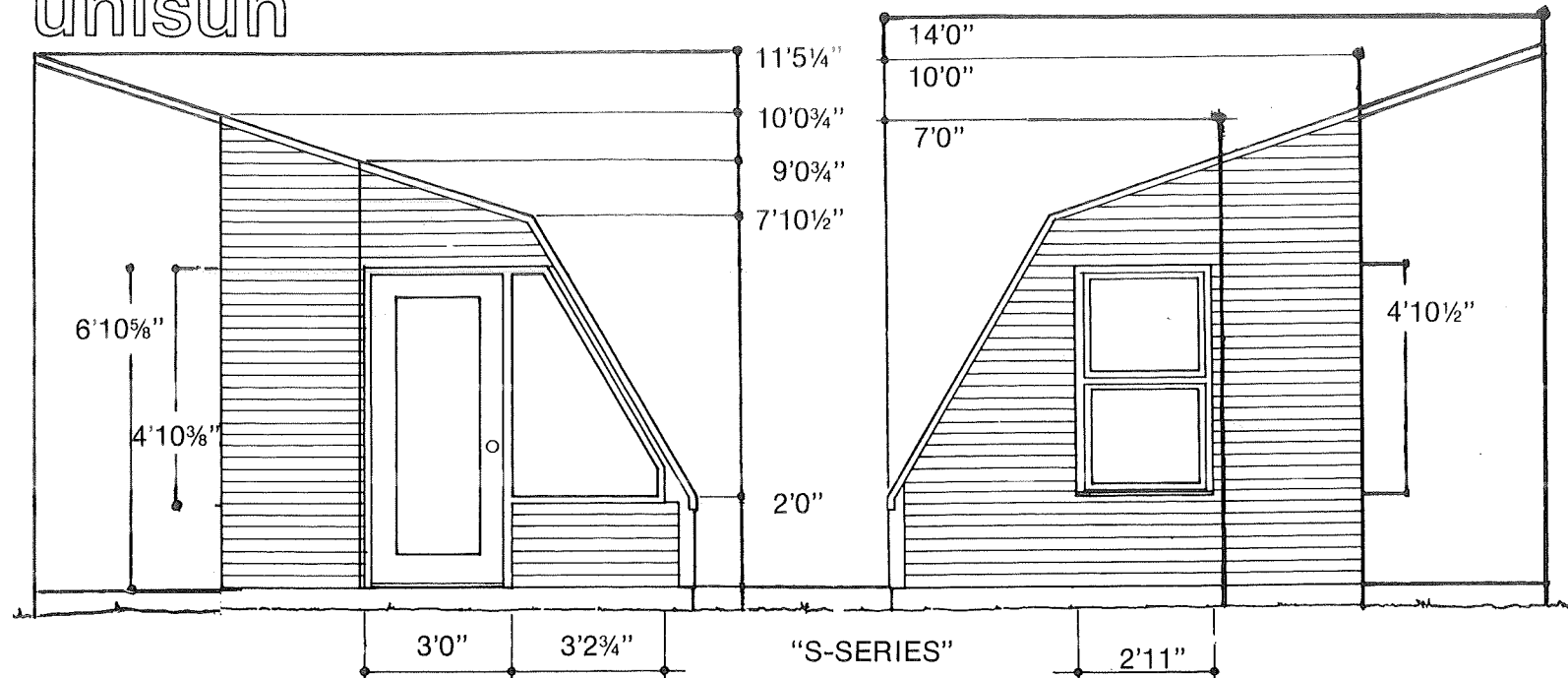
or write to us at:

unisun

430 Hudson River Road

Waterford, NY 12188

unisun



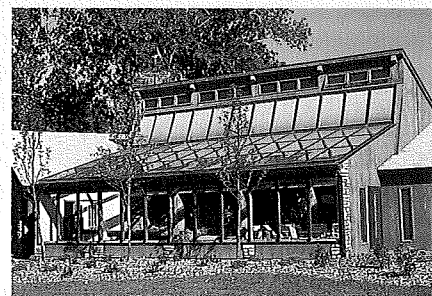


ARCHITECT—EMILE BERGER CONTRACTOR—CANOPY CONSTRUCTION CO. INC.

PRO-SEAL™

A Versatile, Low Cost, High Performance Professional Glazing System

PRO-SEAL™ is a durable maintenance free, extruded aluminum glazing system. Use it on any sloped or vertical application. Mount insulated glass, single pane or plastic glazing on any wood, steel or aluminum structure. Watertight EPDM rubber gaskets stop leaks. **PRO-SEAL's™** integral gutters weep condensation away from the glass and the framing members. This two-piece system protects the wood and prevents problems if warping occurs after installation. **PRO-SEAL's™** labor saving design requires minimal caulking and needs only simple perimeter flashing to complete the job.

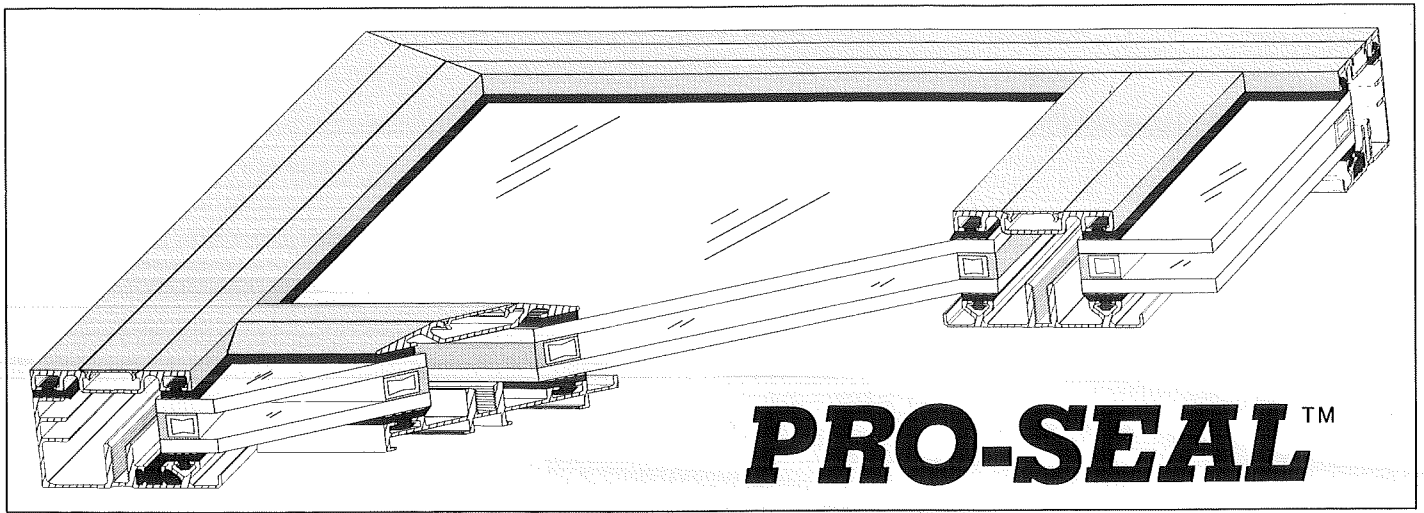


CONTRACTOR—DOLOMITE CONSTRUCTION



CONTRACTOR—UNISUN BUILDING SYSTEMS





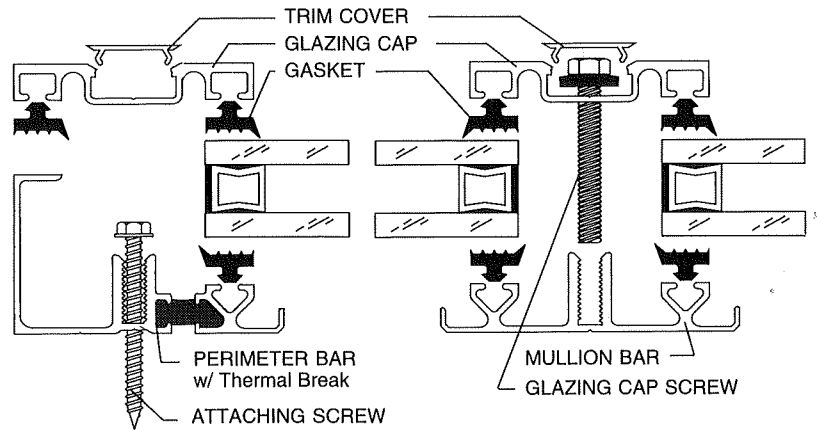
The Professional Glazing System

GENERAL SPECIFICATIONS: PRO-SEAL™ is a two piece (base and cap) extruded aluminum glazing system with EPDM rubber gaskets. It has an internal guttering system that prevents leaks and weeps away condensation. It is non-structural and requires a supporting frame. Use to mount glass or plastic glazing on any vertical or sloped application. Minimum recommended pitch is 3 on 12.

ALUMINUM EXTRUSIONS: 6063-T5 aluminum with factory baked PPG Polycron III™ finish. Standard colors are white and quaker bronze. Extrusions are available in 8', 12', 16', 20', and 24' lengths.

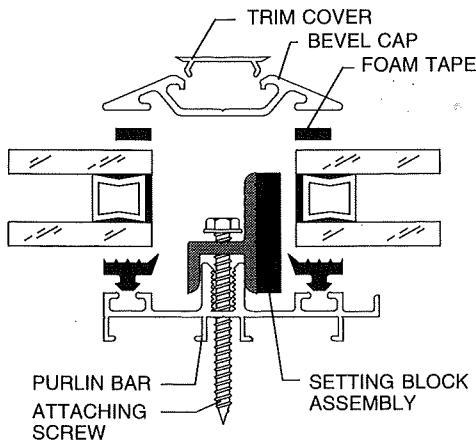
GASKETS: Extruded 70 durometer EPDM rubber. It has superior ultraviolet light resistance with 20+ years of life expectancy and a service temperature of -60F to +250 F.

FASTENERS: All fasteners are stainless steel. The Attaching Screw is a #10 x 2" hex head screw. Glazing cap screws are 1/4"-20" hex cap screws with sealing washers.

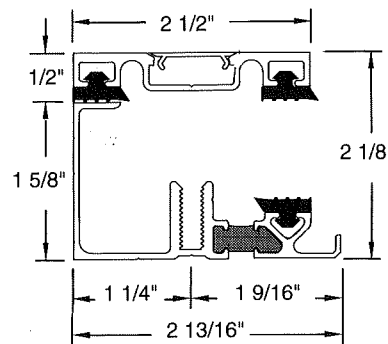


PERIMETER ASSEMBLY

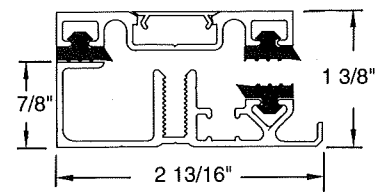
MULLION ASSEMBLY



PURLIN ASSEMBLY



1" PERIMETER ASSEMBLY



1/4" PERIMETER ASSEMBLY

PRO-SEAL SHAPES: The **Perimeter Bar** mounts around the perimeter of the glazing; top, sides & bottom. Available with or without a thermal break, it accommodates from 1/4" to 1 1/2" glazing. The **Mullion Bar** joins the glazing vertically and the **Purlin Bar** connects it horizontally. The purlin overlaps the gutters of the mullion for leak-proof drainage. The **Glazing Cap** screws into the perimeter or mullion securing the glazing. A **Trim Cover** hides the screws. Use the **Bevel Cap** on sloped applications to cap all the purlins and the bottom perimeter.



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