

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

Location of Construction: 18 Sturdivant Dr		Owner: Grepeall, Mark		Phone: 797-9129		Permit No: 9 80584			
Owner Address: SAA		Lessee/Buyer's Name:		Phone:		BusinessName:			
Contractor Name: Maine Window & Sunroom		Address: 71 Portland Rd Keenebank, ME 04043		Phone: 985-2300		<div style="border: 2px solid black; padding: 5px; text-align: center;"> PERMIT ISSUED PERMIT ISSUED: JUN - 5 1998 CITY OF PORTLAND </div>			
Past Use: 1-fam		Proposed Use:		COST OF WORK: \$ 5,000.00				PERMIT FEE: \$ 55.00	
				FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied				INSPECTION: Use Group: Type:	
Proposed Project Description: Construct 3 season patio room (10 x 12)				Signature:		Signature:			
				PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied		Zoning Approval: 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: S.P.		Date Applied For: 01 June 1998		Signature:		Date:			

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal rules.
2. Building permits do not include plumbing, septic or electrical work.
3. 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..

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

02 June 1998

SIGNATURE OF APPLICANT ADDRESS: DATE: 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
WITH REQUIREMENTS

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: 4/10/98

CEO DISTRICT

7

COMMENTS

ck uh of 7/13

10/22/99 work complete JPL

Inspection Record

Type

Foundation: _____

Framing: _____

Plumbing: _____

Final: _____

Other: _____

Date

**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: 18 STURDIVANT DR.

Tax Assessor's Chart, Block & Lot Number Chart# <u>389</u> Block# <u>E</u> Lot# <u>18</u>		Owner: <u>MARK CREPSAN</u>	Telephone#: <u>797-9129</u>
Owner's Address: <u>18 STURDIVANT DRIVE</u>		Lessee/Buyer's Name (If Applicable)	Cost Of Work: <u>\$5,000.⁰⁰</u> Fee <u>\$55.⁰⁰</u>
Proposed Project Description: (Please be as specific as possible) <u>3 SEASON patio Room 10' X 12' 1 story No Heat or Electric</u>			
Contractor's Name, Address & Telephone <u>MAINE WINDOW SURRO 71 Portland Rd KENN-04043</u> 985-2300 Rec'd By: <u>SP</u>			

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
- 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: William Sayegh Date: 6-1-98

Site Review Fee: \$150.00/Building Permit Fee: \$25.00 for the 1st \$1000.cost plus \$5.00 per \$1,000.00 construction cost thereafter.

Applicant: William Sargent

Date: 6/3/98

Address: 18 Sturdivant Dr.

C-B-L: 389-E-18

CHECK-LIST AGAINST ZONING ORDINANCE

Date - ~~ENR~~ 8 1986

Zone Location - R-2

Interior or corner lot -

Proposed Use/Work - construct 3 seasons patio 10'x12'

Sevage Disposal -

- Lot Street Frontage -

Front Yard - N/A

Rear Yard - 25' req - 50' + shown

Side Yard - 12' req - 60' + 30' shown

Projections -

Width of Lot -

Height - shows 1 story addition

Lot Area -

11,542^{sq}

2308.4^{sq}

Lot Coverage/ Impervious Surface - 20%

Area per Family -

Off-street Parking -

Loading Bays -

Site Plan -

Shoreland Zoning/ Stream Protection -

Flood Plains -

$$\begin{aligned} 24' \times 32' &= 768^{\text{sq}} \\ 22' \times 22' &= 484^{\text{sq}} \\ 6' \times 8' &= 48 \\ 10' \times 12' &= 120 \end{aligned}$$

1420

BUILDING PERMIT REPORT

DATE: 3 June 98 ADDRESS: 18 STURDIVANT DR (389-E-118)
REASON FOR PERMIT: 10'x12' 3 Season patio room.
BUILDING OWNER: M. Crepell
CONTRACTOR: MAINE WINDOW & SURROUNDS
PERMIT APPLICANT: ↑
USE GROUP R-3 BOCA 1996 CONSTRUCTION TYPE 513

CONDITION(S) OF APPROVAL

This Permit is being issued with the understanding that the following conditions are met:

Approved with the following conditions:

*1, *2, *8, *10, *24, *26, *29, *30

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. (A 24 hour notice is required prior to inspection)
3. Precaution must be taken to protect concrete from freezing.
4. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained.
5. 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. Private garages attached side-by-side to rooms in the above occupancies shall be completely separated from the interior spaces and the attic area by means of ½ inch gypsum board or the equivalent applied to the garage means of ½ inch gypsum board or the equivalent applied to the garage side. (Chapter 4 Section 407.0 of the BOCA/1996)
6. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code. (The BOCA National Mechanical Code/1993).
7. Sound transmission control in residential building shall be done in accordance with Chapter 12 section 1214.0 of the city's building code.
8. 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. Minimum height all Use Groups 42", except Use Group R which is 36". In occupancies in Use Group A, B, H-4, I-1, I-2 M and R and public garages and open parking structures, open guards shall have balusters or be of solid material such that a sphere with a diameter of 4" cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect. (Handrails shall be a minimum of 34" but not more than 38". Use Group R-3 shall not be less than 30", but not more than 38".) Handrail grip size shall have a circular cross section with an outside diameter of at least 1 1/4" and not greater than 2".
9. Headroom in habitable space is a minimum of 7'6".
10. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 3/4" maximum rise. All other Use group minimum 11" tread, 7" maximum rise.
11. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6' 8")
12. 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. The units must be operable from the inside without the use of special knowledge or separate tools. Where windows are provided as means of egress or rescue they shall have a sill height not more than 44 inches (1118mm) above the floor. All egress or rescue windows from sleeping rooms shall have a minimum net clear opening height dimension of 24 inches (610mm). The minimum net clear opening width dimension shall be 20 inches (508mm), and a minimum net clear opening of 5.7 sq. ft.
13. Each apartment shall have access to two (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly from the apartment to the building exterior with no communications to other apartment units.
14. 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. (Over 3 stories in height requirements for fire rating is two (2) hours.)
15. The boiler shall be protected by enclosing with (1) hour fire-rated construction including fire doors and ceiling, or by providing automatic extinguishment.
16. 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 19, 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

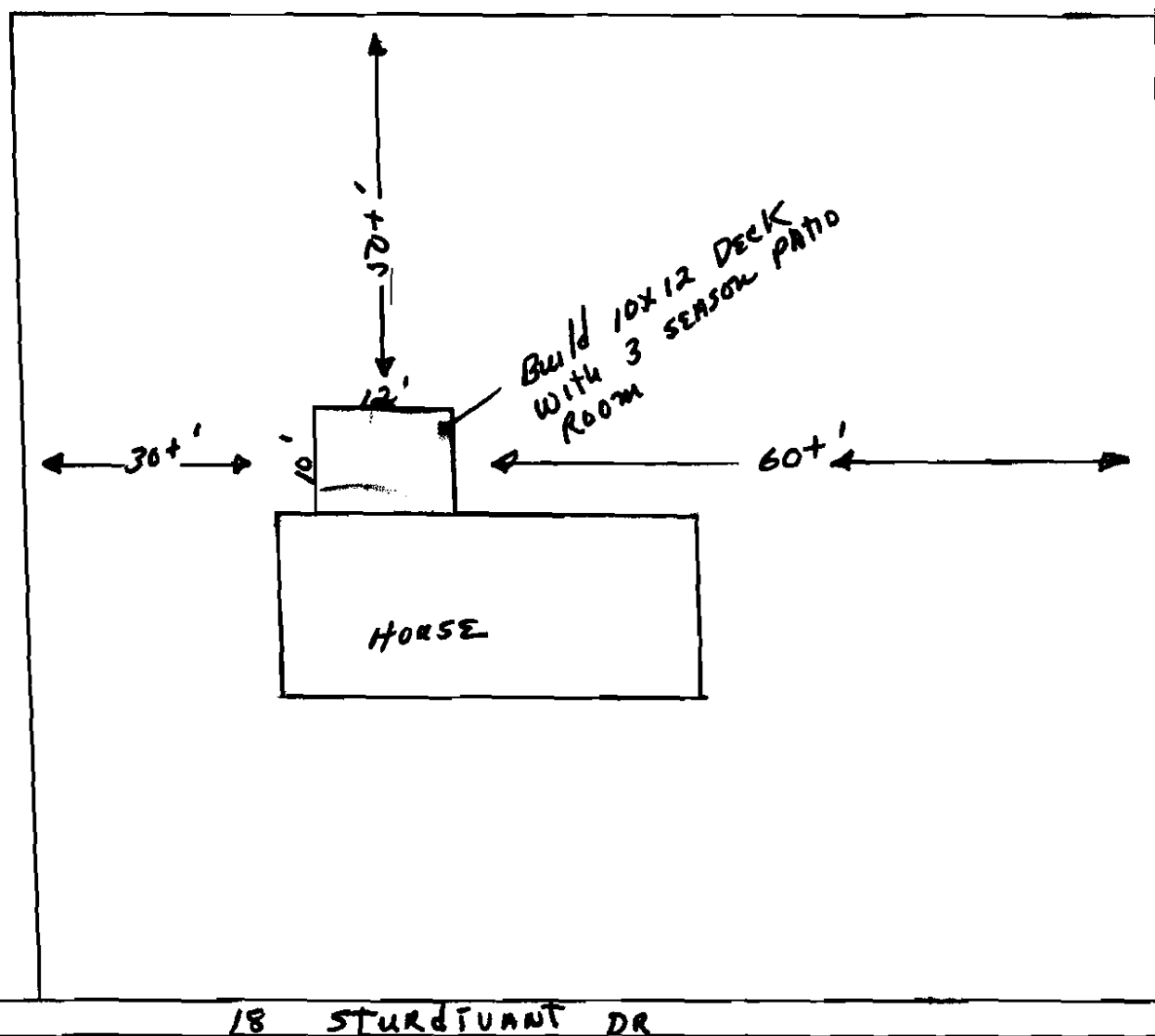
In addition to the required AC primary power source, required smoke detectors in occupancies in Use Groups R-2, R-3 and I-1 shall receive power from a battery when the AC primary power source is interrupted. (Interconnection is required)

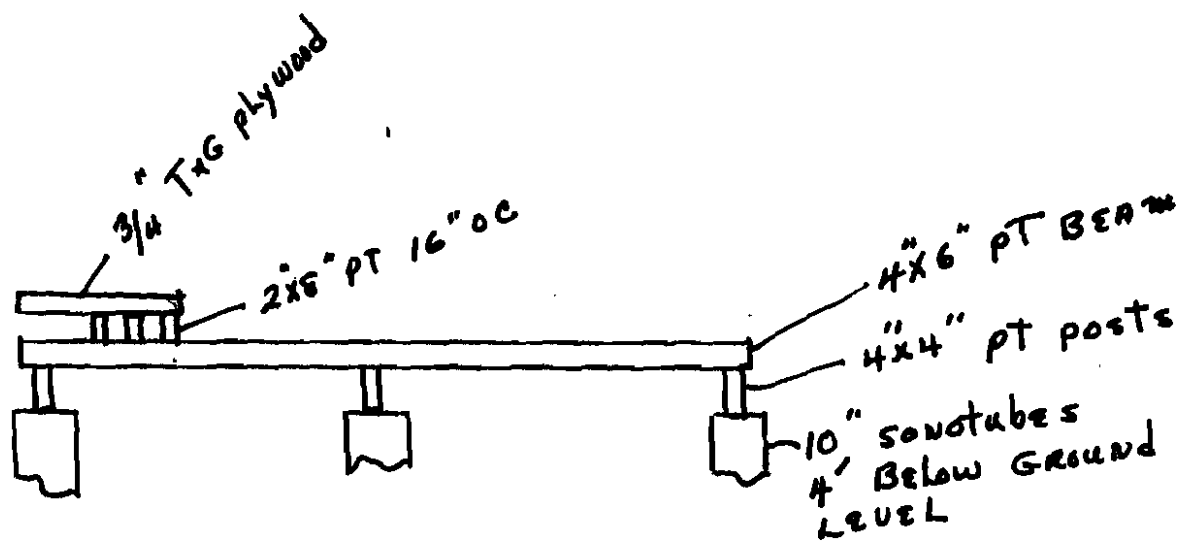
17. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type.
18. The Fire Alarm System shall be maintained to NFPA #72 Standard.
19. The Sprinkler System shall maintained to NFPA #13 Standard.
20. All exit signs, lights, and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023. & 1024. Of the City's building code. (The BOCA National Building Code/1996)
21. 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".
22. 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 to the Division of Inspection Services.
23. Ventilation shall meet the requirements of Chapter 12 Sections 1210. Of the City's Building Code.
- *24. All electrical, plumbing and HVAC permits must be obtained by a Master Licensed holders of their trade.
25. All requirements must be met before a final Certificate of Occupancy is issued.
- *26. 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).
27. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical Code (The BOCA National Mechanical Code/1993).
28. Please read and implement the attached Land Use-Zoning report requirements.
- *29. The proposed 10" Sono Tubes, must be on Footings with a anchor connecting the two.
- *30. The roof panels must carry a minimum of 42 PSF Live Load
31. _____
32. _____


P. Samuel Hoffman, Code Enforcement

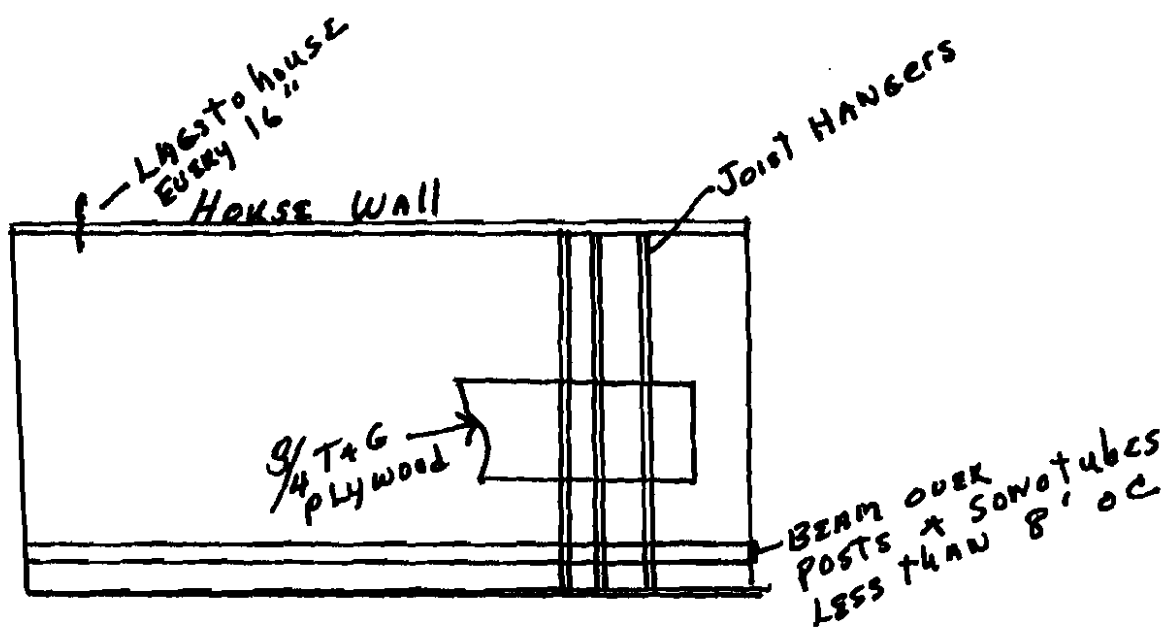
cc: Lt. McDougall, PFD
Marge Schmuckal

MARK CREPEAU
18 STURDIVANT DR.
PORTLAND, ME



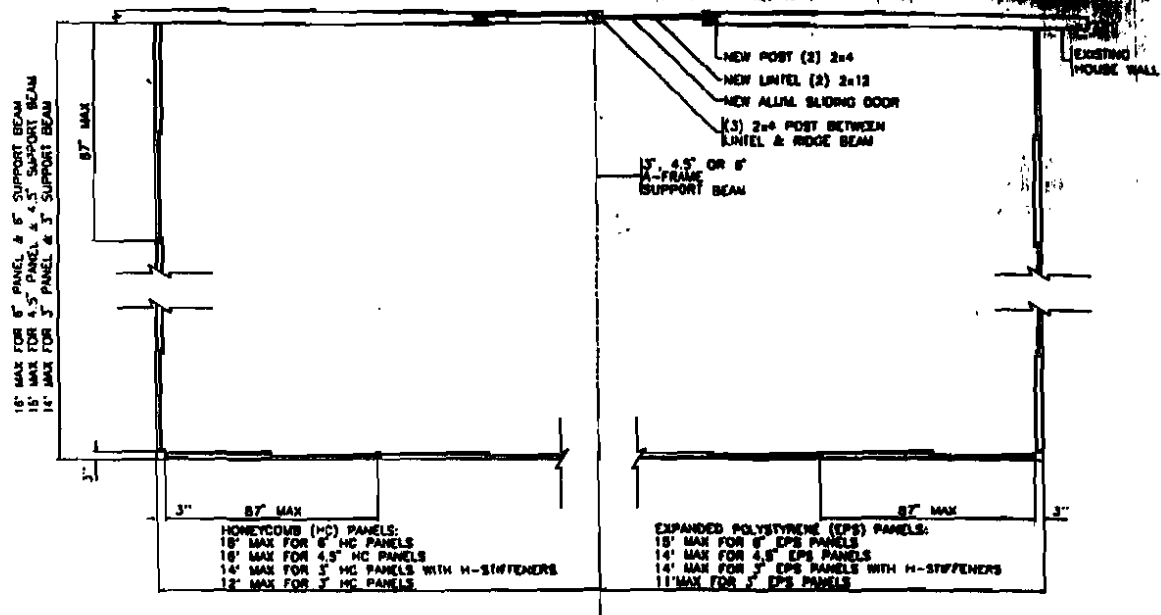


FRONT VIEW

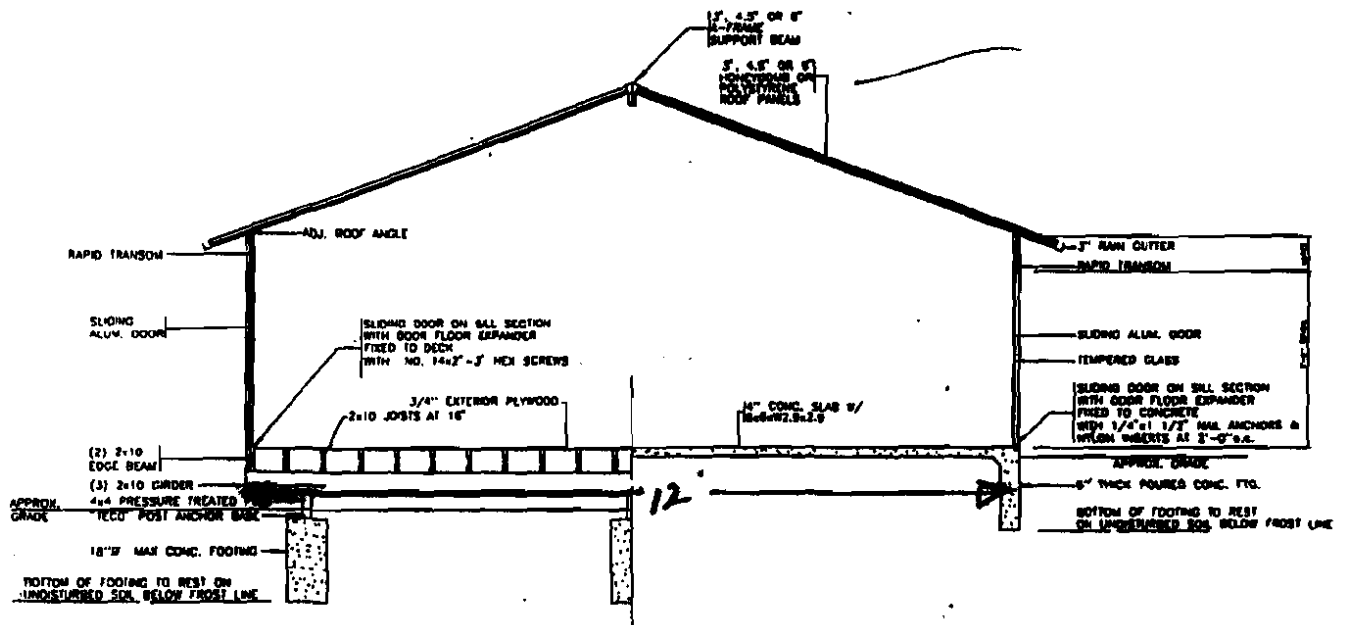


10' x 12' DECK
MARK CREPEAU

FIGURE 4.0.1 A-FRAME ROOM FLOOR PLAN



A-FRAME ROOM FLOOR PLAN



WOOD FLOOR

CONCRETE FLOOR

A-FRAME ROOM CROSS SECTION

SEE NOTES ON PAGE 4.0.2

PHYSICAL PROPERTIES OF 3" THICK HONEYCOMB PANELS AND ATTACHING EXTRUSIONS⁽¹⁾

COMPONENT	MATERIAL	SIZE / PROPERTIES	STRENGTH
FACING	1. A.S.T.M. 3003 H14 2. A.S.T.M. 3004 H14 3. A.S.T.M. 3103 H14 ALUMINUM ALLOY	WIDTH = 37.5" ± 0.02" THICKNESS = 0.024" ± 0.001" DENSITY = 169.83 PCF COEF. TH. EXP. = 0.00015	1. TENSILE ULTIMATE STRENGTH = 37,000-38,000 PSI 2. TENSILE ULTIMATE STRENGTH = 32,000-33,000 PSI 3. TENSILE ULTIMATE STRENGTH = 31,000-32,000 PSI ELONGATION 10 TO 20
CORE	HONEYCOMB 800 KRAFT PAPER 1. 11% ± 2% RESIN CONTENT 2. 15% ± 2% RESIN CONTENT	WIDTH = 65.5" ± 0.5" THICKNESS = 2.00" ± 0.01" CELL SIZE = 0.30" ± 0.10" DENSITY = 1.74029 PCF COEF. TH. EXP. = 0.00015 ABSORPTION = 5%	1. COMPRESSIVE ULT. STRENGTH (CONV) = 37.57 PSI 2. COMPRESSIVE ULT. STRENGTH (CONV) = 36.25 PSI 3. SHEAR ULTIMATE STRENGTH (S) = 37.45 PSI 4. SHEAR ULTIMATE STRENGTH (T) = 30.20 PSI
ADHESIVE	MOISTURE CURING, ONE-PART, 100% SOLIDS, NONVOLATILES, TYPE B URETHANE ADHESIVE	DENSITY = 88.5 PCF	FLEXURAL YIELD STRENGTH (S, AL-HC) = 602 PSI FLEXURAL YIELD STRENGTH (T, AL-HC) = 504 PSI
EXTRUSIONS	A.S.T.M. 3003 T5	A-FRAME SUPPORT PANEL HANGER H., U., C., F-CHANNELS CORNER POST THERMAL BREAK H., HANGER	TENSILE ULTIMATE STRENGTH = 30,000 PSI TENSILE YIELD STRENGTH = 24,000 PSI COMPRESSIVE YIELD STRENGTH = 23,000 PSI SHEAR ULTIMATE STRENGTH = 19,000 PSI SHEAR YIELD STRENGTH = 14,000 PSI BEARING ULTIMATE STRENGTH = 60,000 PSI BEARING YIELD STRENGTH = 40,000 PSI MODULUS OF ELASTICITY = 10,100,000 PSI
PANEL	HONEYCOMB SANDWICH PANEL	WIDTH = 65.5" ± 0.1" THICKNESS = 3.0" ± 0.01" A-FACTOR = 1	STRENGTH CHARACTERISTICS TABULATED BELOW FLAME SPREAD INDEX = 0 SMOKE DEVELOPED INDEX = 315

TRANSVERSE LOAD TABLE FOR 3" THICK HONEYCOMB PANELS⁽¹⁾

LOAD DESCRIPTION	ROOF LOADS PER FOOT FOR PANEL SPANS			
	8 FT	10 FT	12 FT	14 FT
10.1. TRANSVERSE LOAD REACTION OF AREA				
1. ROOF LOAD AT ULTIMATE TRANSVERSE LOAD / 1.0	176	140	105	72
2. ROOF LOAD AT ULTIMATE TRANSVERSE LOAD / 2.0	88	70	52	36
3. ROOF LOAD AT ULTIMATE TRANSVERSE LOAD / 3.0	59	47	35	24
4. ROOF LOAD AT ULTIMATE TRANSVERSE LOAD / 5.0	37	29	21	15
DEFLECTION LOADS				
5. ROOF LOAD AT PANEL DEFLECTION OF SPAN / 100	137	102	71	48
6. ROOF LOAD AT PANEL DEFLECTION OF SPAN / 150	94	68	47	32
7. ROOF LOAD AT PANEL DEFLECTION OF SPAN / 200	62	45	31	21

SEE NOTES ON PAGE 2.1.5



DATE: 5/16/98

JOB NAME & ADDRESS:

Mark + Joanne Crepeau
18 Sturdivant DR
Portland me
04103

I, Joanne Crepeau, hereby authorize Maine Window & Sunroom to act as my agent to acquire a building permit for my home improvement project.

Joanne Crepeau
Signature