

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

Location of Construction: 107 Lucille Ave		Owner: <b>Nicholas Martha Pappas</b>		Phone: <b>575-3608</b>		Permit No: <b>990600</b>	
Owner Address: SAA		Lessee/Buyer's Name:		Phone:		BusinessName:	
Contractor Name: American Profiles		Address: 20 Blaine St. Manchester, N.H. 03102		Phone:		Permit Issued: JUN 10 1999 CITY OF PORTLAND	
Past Use: 1-Family		Proposed Use: Same		COST OF WORK: \$ 8,599		PERMIT FEE: \$ 65.00	
				FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group <b>M3</b> Type: <b>52</b> <b>PC 2945</b>	
Proposed Project Description: Build 3 season pre-fab sun room 10 x 9 on deck.				Signature:		Signature: <i>[Signature]</i>	
				PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		Zoning Approval: <i>[Signature]</i>	
Permit Taken By: <b>SP</b>		Date Applied For: <b>June 8, 1999</b>		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"/>	
				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..

**PERMIT ISSUED WITH REQUIREMENTS**

**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

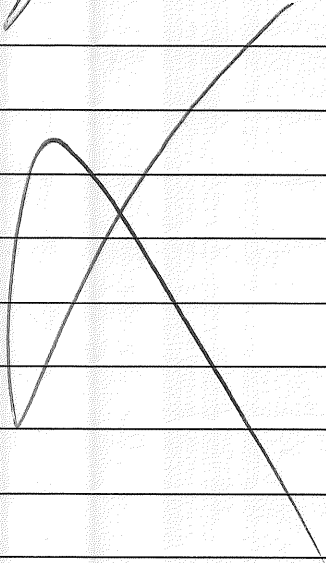
June 8, 1999

SIGNATURE OF APPLICANT		ADDRESS:		DATE:		PHONE:	
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE						PHONE:	
						CEO DISTRICT <b>1</b>	

9/15/99

Completed - A Lowe

COMMENTS



Inspection Record

Type	Date
Foundation: _____	_____
Framing: _____	_____
Plumbing: _____	_____
Final: _____	_____
Other: _____	_____

**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.

**NOTE\*\*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 Euclid Ave

Tax Assessor's Chart, Block & Lot Number		Owner:	Telephone#:
Chart# <u>310</u>	Block# <u>C</u>	Lot# <u>007</u>	<u>Nicholas Martha Pappas</u>
Owner's Address:		Lessee/Buyer's Name (If Applicable)	Cost Of Work: Fee
<u>Same</u>			<u>\$ 8599</u> <u>\$ 65</u>

Proposed Project Description: (Please be as specific as possible)  
Build 3 season pre fab sun room 10'x9' on deck

Contractor's Name, Address & Telephone: American Profiles 20 Blaine st Manchester NH 03102 Rec'd By: [Signature]

Separate permits are required for Internal & External Plumbing, HVAC and Electrical installation.

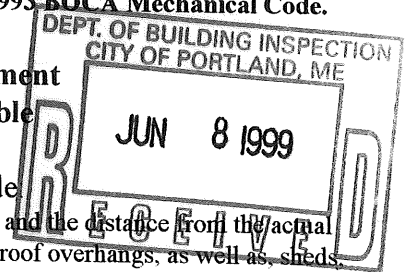
- All construction must be conducted in compliance with the 1996 B.O.C.A. Building Code as amended by Section 6-Art II.
- All plumbing must be conducted in compliance with the State of Maine Plumbing Code.
- All Electrical Installation must comply with the 1996 National Electrical Code as amended by 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: [Signature] Date: 6-8-99

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



Inspection Services  
Michael J. Nugent  
Manager

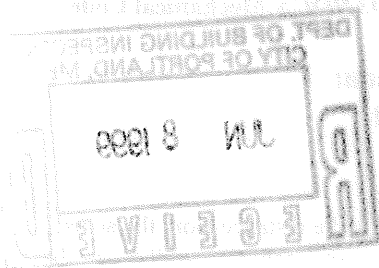
Department of Urban Development  
Joseph E. Gray, Jr.  
Director

**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.



**BUILDING PERMIT REPORT**

DATE: 9 June 99 ADDRESS: 107 Euclid Ave CBL: 310-C-007  
 REASON FOR PERMIT: To Construct a 9x10' 847 room  
 BUILDING OWNER: Pappa  
 PERMIT APPLICANT: American Profiles  
 USE GROUP A-3 BOCA 1996 CONSTRUCTION TYPE 5B

**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, \*11, \*13, \*27, \*33, \*34, \*35

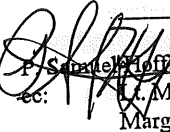
1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
2. Before concrete for foundation is placed, approvals from the ~~Development Review Coordinator~~ and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection)
3. Foundation 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. The drain shall extend a minimum of 12 inches beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not higher than the bottom of the base under the floor, and that the top of the drain is not less than 6 inches above the top of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of joints or top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2" of gravel or crushed stone, and shall be covered with not less than 6" of the same material. Section 1813.5.2
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. (Section 2305.17)
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. Section 1908.0
7. 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.
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. 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 1/2 inch gypsum board or the equivalent applied to the garage means of 1/2 inch gypsum board or the equivalent applied to the garage side. (Chapter 4, Section 407.0 of the BOCA/1996)
9. 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). Chapter 12 & NFPA 211
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. 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 3e4" 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". (Sections 1021 & 1022.0) - Handrails shall be on both sides of stairway. (Section 1014.7)
12. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/4" maximum rise. All other Use Group minimum 11" tread, 7" maximum rise. (Section 1014.0)
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6'8") 1014.4
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. 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. (Section 1018.6)
16. 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. (Section 1010.1)
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. (Over 3 stories in height requirements for fire rating is two (2) hours.) (Section 710.0)
18. The boiler shall be protected by enclosing with (1)hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. (Table 302.1.1)
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

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) Section 920.3.2.

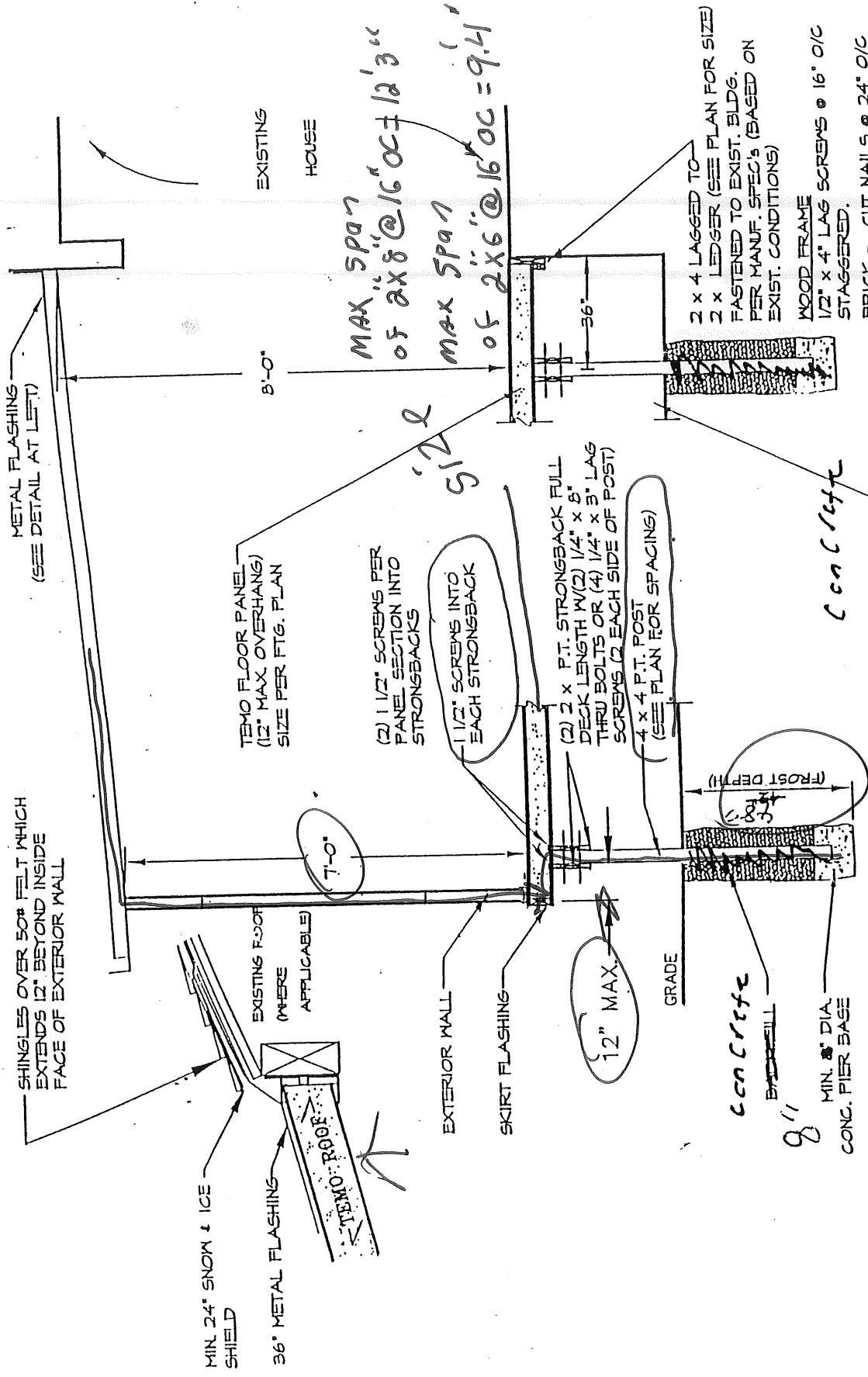
20. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0)
21. The Fire Alarm System shall maintained to NFPA #72 Standard.
22. The Sprinkler System shall maintained to NFPA #13 Standard.
23. All exit 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).
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.
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.
32. Boring, cutting and notching shall be done in accordance with Sections 2305.4.4, 2305.5.1 and 2305.5.3 of the City's Building Code.
33. Glass and glazing shall meet the requirements of Chapter 24 of the building code.
34. EXISTING Foundation must be a minimum of 4' below grade  
On Footings with anchor between The Two.  
The proposed Strongbacks spanning 9' minimum size would be 2-2x10"
35. \_\_\_\_\_
36. \_\_\_\_\_

  
P. S. Haffes, Building Inspector  
cc: L. McDougall, PFD  
Marge Schmuckal, Zoning Administrator

PSH 12-14-98

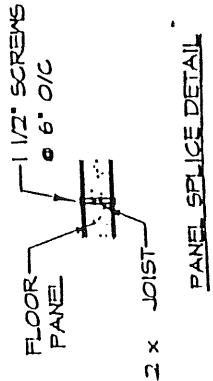
\*\*On the basis of plans submitted and conditions placed on these plans any deviations shall require a separate approval.

REVISIONS	DATE	CLIENT/PROJ.	P.L. ( )
		DRAWN BY: DAVID CENTORBI CK'D BY:	MEASURED BY:
		SCALE: NONE	DATE:



NOTE:  
WHERE NO PIERS ARE SET NEAR EXISTING HOUSE (AS SHOWN) LEDGER ATTACHMENT TO BRICK WALLS SHALL BE THROUGH BOLTED TO FRAME OF STRUCTURE.

# SECTION 'A'

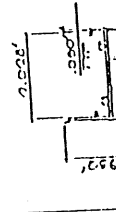
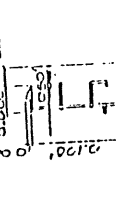
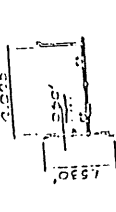
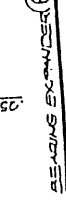
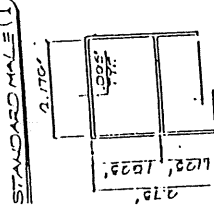
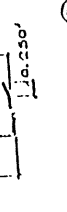
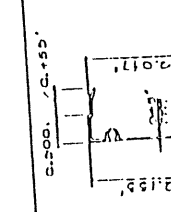
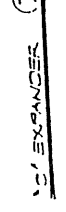
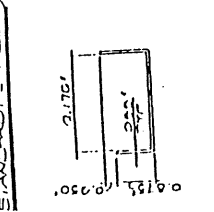
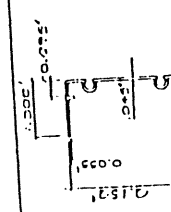
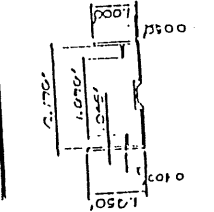
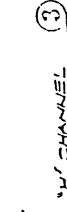
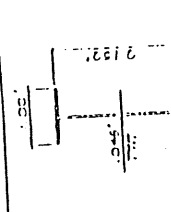
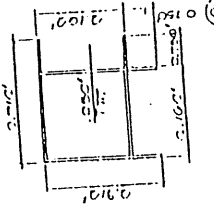
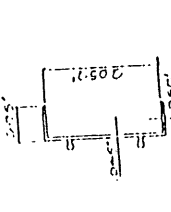
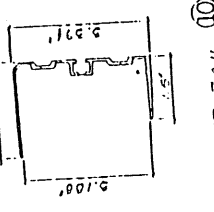
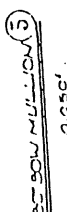
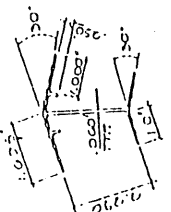


NOTE:  
ALL STRUCTURAL LUMBER TO BE PRESSURE TREATED

CONCRETE  
MIN. DIA. CONC. PIER BASE  
8"  
BRICK  
GRADE  
12" MAX.  
SHINGLES OVER 50# FELT WHICH EXTENDS 12" BEYOND INSIDE FACE OF EXTERIOR WALL  
EXISTING ROOF (WHERE APPLICABLE)  
71-0"  
TEMPO FLOOR PANEL (12" MAX OVERHANG) SIZE PER FTG. PLAN  
(2) 1 1/2" SCREWS PER PANEL SECTION INTO STRONGBACKS  
(2) 2 x PT. STRONGBACK FULL DECK LENGTH W/ (2) 1/4" x 8" THRU BOLTS OR (4) 1/4" x 3" LAG SCREWS (2 EACH SIDE OF POST)  
(4 x 4 PT. POST FOR SPACING) (SEE PLAN FOR SPACING)  
EXTERIOR WALL  
SKIRT FLASHING  
EXISTING HOUSE  
HOUSE  
MAX SPAN OF 2x8 @ 16" OC = 12' 3"  
MAX SPAN OF 2x6 @ 16" OC = 9' 4"  
WOOD FRAME  
1/2" x 4" LAG SCREWS @ 16" O/C STAGGERED  
2 x 4 LAGGED TO 2 x LEDGER (SEE PLAN FOR SIZE) FASTENED TO EXIST. BLDG. PER MANUF. SPEC'S (BASED ON EXIST. CONDITIONS)  
BRICK - CUT NAILS @ 24" O/C W/ 1/4" x 3 1/2" EXPAN. ANCHOR @ 24" O/C STAGGERED INTO MORTAR JOINTS  
METAL FLASHING (SEE DETAIL AT LEFT)  
8'-0"  
36"  
36" METAL FLASHING  
MIN. 24" SNOW & ICE SHIELD  
EXISTING ROOF (WHERE APPLICABLE)  
TEMPO ROOF  
CONCRETE  
MIN. DIA. CONC. PIER BASE  
8"  
BRICK  
GRADE  
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BRICK - CUT NAILS @ 24" O/C W/ 1/4" x 3 1/2" EXPAN. ANCHOR @ 24" O/C STAGGERED INTO MORTAR JOINTS

**GENERAL NOTES & SPECIFICATIONS**

1. THIS RATIO COVER & ENCLOSURE SYSTEM IS LIMITED TO RECREATION AND OUTDOOR LIVING PURPOSES AND IS NOT TO BE USED AS A GARAGE, GARAGE, OR HABITABLE ROOM.
2. THE ENCLOSURE SYSTEM IS TO BE INSTALLED UNDER THE MITO COVER ROOF PANEL SHOWN ON DRAWING NO. 3501.
3. DESIGN LOADS: SEE TABLES FOR DESIGN LOADS.
4. FASTENERS: 1/2" RIVETS, WHERE SHOWN, SHALL BE 5000 MINIMUM TENSILE STRENGTH STEEL. GALVANNEAL MINIMUM BURST WITH 2000 PSI STEEL PLATED MINORIAL AS MANUFACTURED BY THE U.S.A. COOR SHEET METAL SCREENS STEEL, ZINC PLATED, GALVANNEAL STEEL OR STAINLESS STEEL, ALUMINUM.
5. ALL STRUCTURAL COMPONENTS OF THIS ENCLOSURE SYSTEM (EXCEPT SOLID PANELS) ARE TO ALSO FIT TOE TOES UNLESS SPECIFICALLY NOTED OTHERWISE.
6. THE SOLID WALL PANELS SHALL COMPLY WITH ALL APPLICABLY RECOGNIZED TESTS OF THE SOLID WALL PANEL WHICH IS SUBJECT TO WATER INTRUSION SHALL BE FULLY GRADED.
7. THESE ENCLOSURE IS REQUIRED TO BE LEFT OPEN UNLESS SECTION 310. THE OPEN AREA OF THE LOWER WALL AND ONE ABOVE IT SHALL BE A MINIMUM OF 25 SQUARE FEET PER LINEAL FOOT. A MINIMUM OF 25 SQUARE FEET OF EACH WALL, MEASUREMENT TO CENTERLINE, IS TO BE LEFT OPEN. THE OPENING SHALL BE AT LEAST 18 INCHES HIGH AND 18 INCHES WIDE. SEE NOTE #8 BELOW FOR OPTIONAL FINISHING.
8. PORTIONS OF THE WALL NOT REQUIRED TO BE PLASTIC SHALL BE FINISHED WITH A FINISH IDENTICAL TO THE FINISH OF THE BUILDING CODES. THE FINISH OF THE BUILDING CODES SHALL BE SUBSTITUTED FOR THE FINISH OF THE BUILDING CODES WHERE THE FINISH OF THE BUILDING CODES IS NOT IDENTICAL TO THE FINISH OF THE BUILDING CODES.
9. THE FINISH OF THE BUILDING CODES SHALL BE IDENTICAL TO THE FINISH OF THE BUILDING CODES. THE FINISH OF THE BUILDING CODES SHALL BE IDENTICAL TO THE FINISH OF THE BUILDING CODES.
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TRANSOM SILL 15

TRANSOM HEAD 14

WINDOW JAMS 13

WINDOW SILL 12

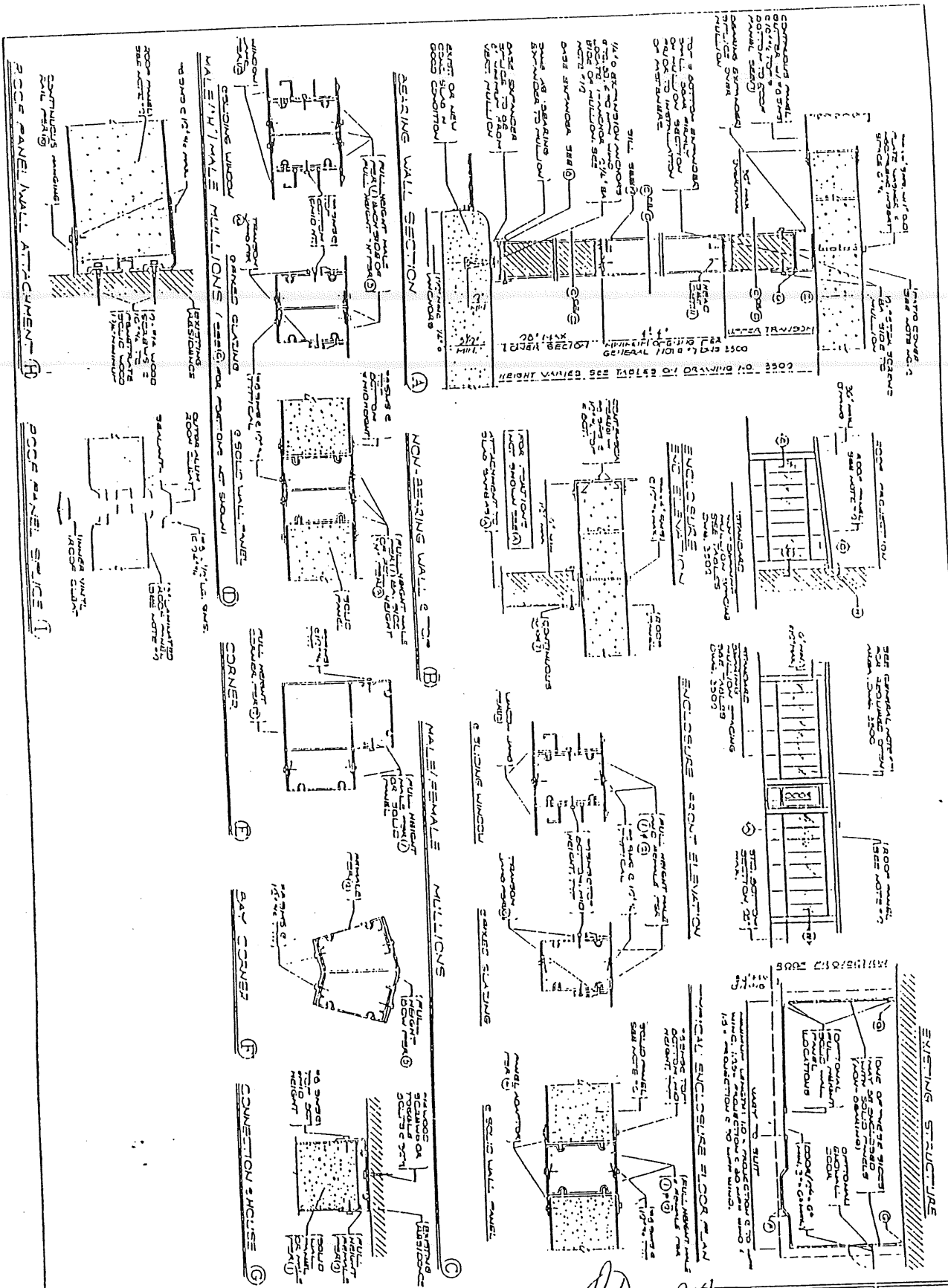
WINDOW HEAD 11

PANEL FASCIA 18

PANEL GUTTER 17

TRANSOM JAMS 16





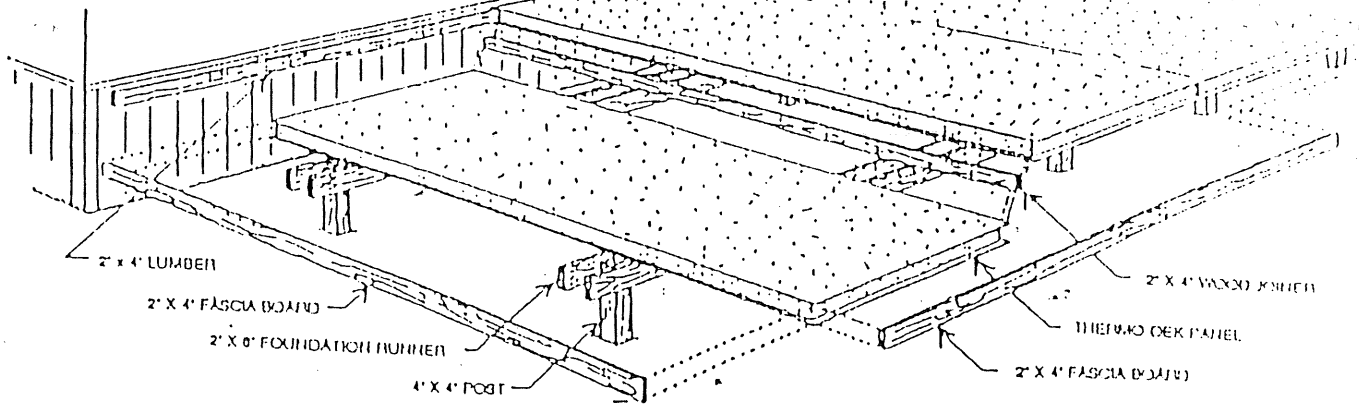
ENCLOSURE SYSTEM  
 PLANS, SECTIONS &  
 DETAILS  
 2501  
 2501

**Temo Inc.**  
 1-800-211-6398 FAX: 810-288-1009  
 1-800-211-6398 FAX: 810-288-1009

*[Handwritten signature]*

DATE: 08/11/01  
 DRAWN BY: J. J. J.  
 CHECKED BY: J. J. J.  
 APPROVED BY: J. J. J.  
 1-800-211-6398 FAX: 810-288-1009

the Dreamspace Enclosure. Any components, including hardware, that are not included with the installation package are to be purchased locally.



The Thermo-dek panels are normally 4' wide and may be up to 16' long. Thermo-dek panels consist of two 3/8" Oriented Strand Boards (OSB) laminated to the top and the bottom of 3 5/8" thick polystyrene core. The OSB boards extend 13/16" beyond the polystyrene core around the entire perimeter. This recessing creates a 1 5/8" opening which is used to secure and join the panels.

The following instructions will make the installation of the Thermo-dek an easy job.

### STEP 1 - ATTACHMENT TO THE HOME

Determine the desired location of the Thermo-dek on the home. Create a level reference line along the home for the Thermo-dek 3/8" below the desired location. The top skin of the OSB panel will make up the 3/8" undersizing (See Fig. A). Carpeting or other floor coverings that are planned to be placed over the Thermo-dek will also affect the actual height of the Thermo-dek in respect to the reference line.

Beginning 1 5/8" in from either end of the Thermo-dek, secure 2"x4" lumber to the house wall using the reference line as the top guide for the lumber. The lumber should be attached 1 5/8" in from both ends of the Thermo-dek to accommodate the insert lumber that will be added later (See Fig. B). Be sure when attaching the lumber to the home that it is attached to the structure of the home.

The foundation for the Thermo-dek is made from pressure treated 4"x4" posts with 2"x6" stringers attached to both sides of the posts parallel to the home. 2"x4" lumber is used to join the Thermo-dek panels together, secure the panels to the home and to fill the front opening of the panels. 2"x4" lumber is used to fill the openings on the exposed sides of the Thermo-dek panels. The result is a warm, structurally sound floor for the Dreamspace Enclosure.

The Thermo-dek is intended for indoor use only, therefore, the Dreamspace Enclosure should be placed at the outside edges of the Thermo-dek panels to shield the panels from the weather. The lumber that is placed into the outside edges of the panels is used so that the Dreamspace Enclosure will have a structural member on which to attach the Thermo-dek system. The exposed edges must be covered with capping.

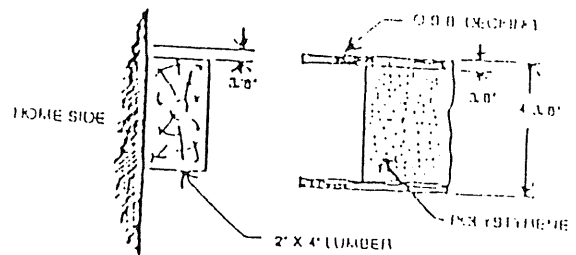


FIGURE A

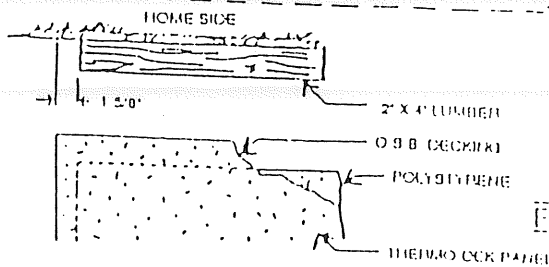


FIGURE B



**ALLOWABLE TRANSVERSE LOADS (PSF)  
FOR STRUCTURAL INSULATED PANELS**

Panels are made of two equal layers of APA rated sheathing, either OSB or 5-ply plywood. The core is nominal 1.0 pcf density (min. 0.9 pcf) EPS (expanded polystyrene foam) adhered to the sheathing with glue and set under pressure. Each panel has splines that are nailed to the skin as described below.

SPLINE PARAMETERS					
Spline Configuration	Spline spacing		Spline material		Spline nailing
Single Spline	48" o/c		SYP #2		6d @ 6" o/c
STRUCTURAL INSULATED PANEL DIMENSIONS					
Skin thickness	7/16"	7/16"	7/16"	7/16"	7/16"
Core thickness	3-5/8"	5-5/8"	7-3/8"	9-3/8"	11-3/8"
Panel depth	4 -1/2"	6 -1/2"	8 -1/4"	10-1/4"	12-1/4"
Spline size	2 x 4	2 x 6	2 x 8	2 x 10	2 x 12
SPAN (ft)	ALLOWABLE TRANSVERSE LOAD (psf)				
4	145	224	297	387	481
5	116	179	238	309	385
6	96	149	198	258	321
7	83	128	170	221	275
8	72	112	149	193	241
9	64	99	132	172	214
10	50	89	119	155	193
11	39	81	108	141	175
12	31	67	99	129	160
13	25	54	88	119	148
14	20	44	72	110	138
15	17	37	61	94	128
16	14	31	51	80	114
17		26	43	68	98
18		22	37	58	84
19		19	32	51	73
20		17	28	44	64
21		15	24	38	56
22		13	21	34	49
23			19	30	44
24			17	27	39
25			15	24	35
26			13	21	31
27				19	28
28				17	25

Deflection criterion of L/360 was used. Some allowable loads are not based on deflections. No multipliers for other deflection criteria are allowed. All values are for normal duration loads. No increases for other durations are allowed.

Transverse Load 7/16" skin Single Spline SYP #2 6d @ 6" o/c



Table T.6 - Transverse Loads on Splined S.I. Panels

12/20/92

APPLICATION FOR PERMIT

PERMIT ISSUED

AUG 12 1986

B.O.C.A. USE GROUP .....
B.O.C.A. TYPE OF CONSTRUCTION ..... 01046
ZONING LOCATION R-3 ..... PORTLAND, MAINE July 23, 1985 City of Portland

To the CHIEF OF BUILDING & INSPECTION SERVICES, PORTLAND, MAINE

The undersigned hereby applies for a permit to erect, alter, repair, demolish, move or install the following building, structure, equipment or change use in accordance with the Laws of the State of Maine, the Portland B.O.C.A. Building Code and Zoning Ordinance of the City of Portland with plans and specifications, if any, submitted herewith and the following specifications:
LOCATION ... 107 Euclid Avenue Fire District #1 #2 #3
1. Owner's name and address ... Nichols T. Pappas same Telephone 797-0748
2. Lessee's name and address ... Telephone
3. Contractor's name and address ... 65 Lexington Ave. Telephone 797-4112

Proposed use of building Residential No. of sheets
Last use Residential No. families
Material No. stories Heat Style of roof No. families
Other buildings on same lot Roofing
Estimated contractual cost \$ 6,200

FIELD INSPECTOR - Mr. [Name]
Appeal Fees \$
Base Fee
Late Fee
TOTAL \$ 55.00
Stamp of Special Conditions

Construct a breezeway and deck as per plans.
Three sheets of plans. Breezeway: 8'x14'
Garage 24'x24'

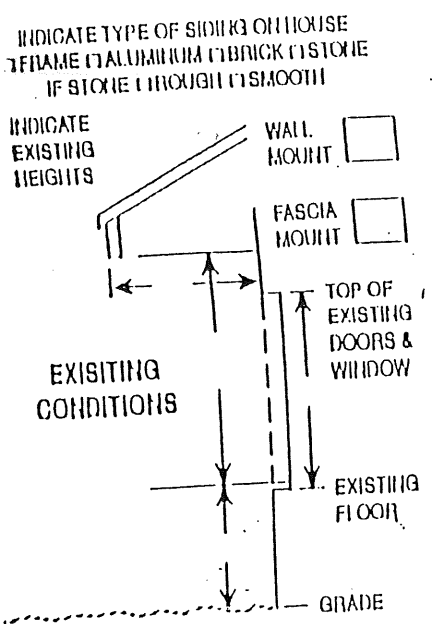
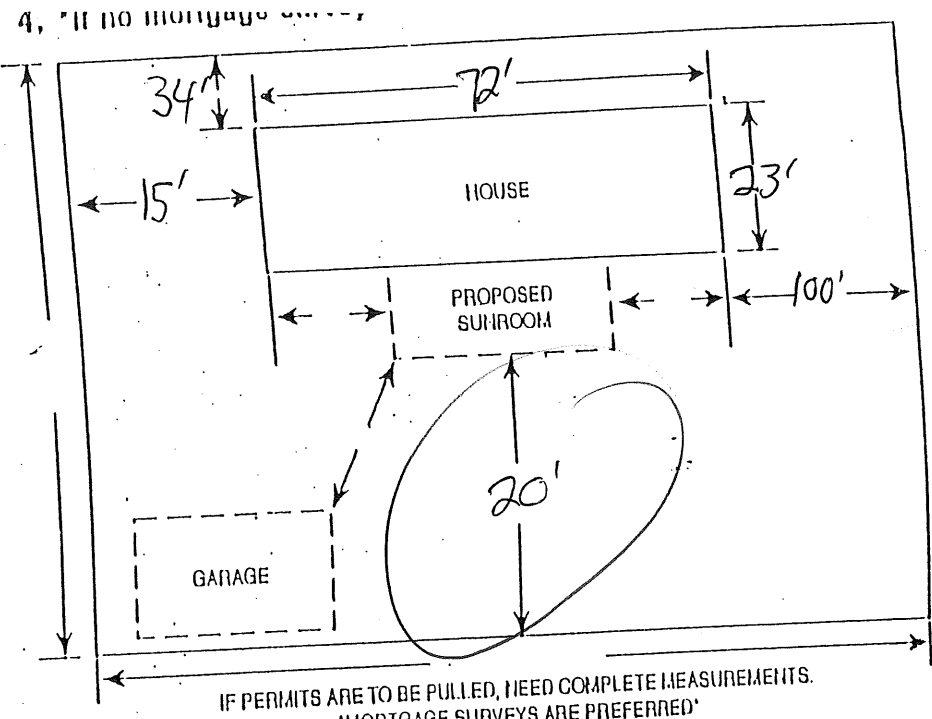
Send permit to # 1 04103

See work sheet #7

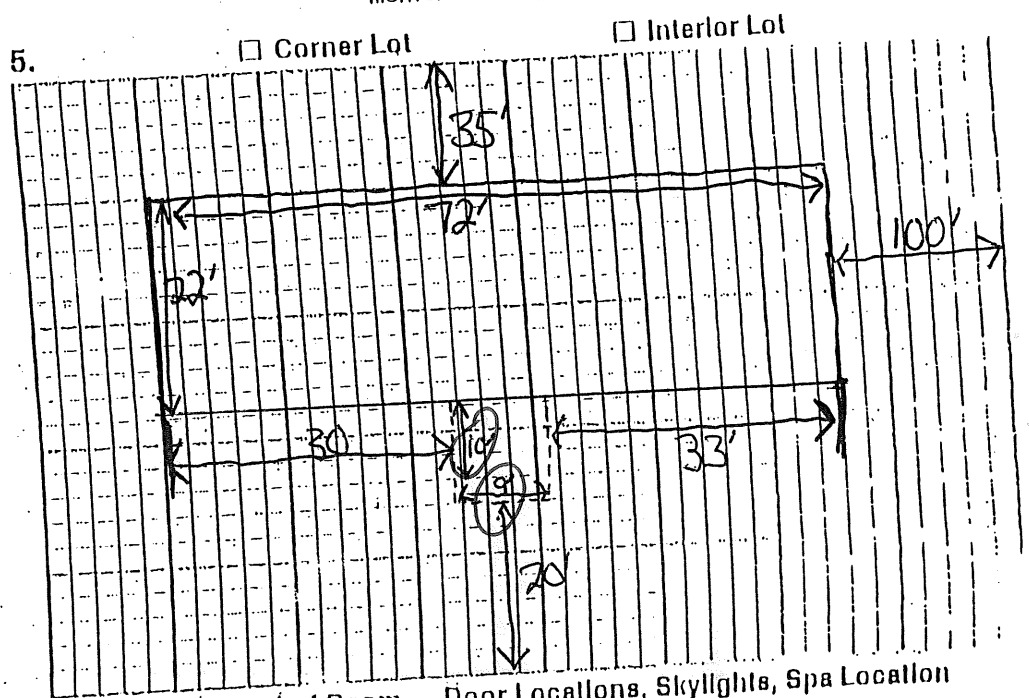
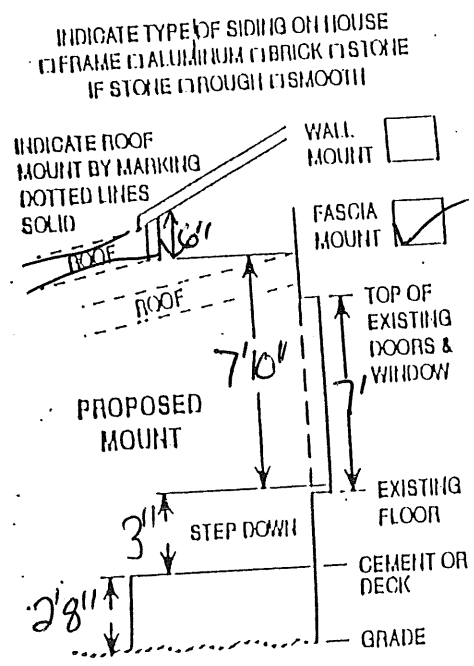
NOTE TO APPLICANT: Separate permits are required by the installers and subcontractors of heating, plumbing, electrical and mechanicals.

DETAILS OF NEW WORK

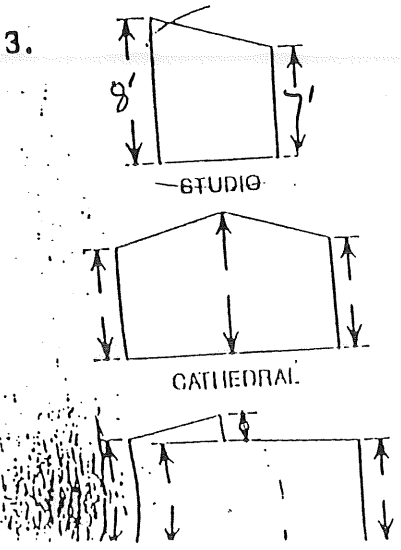
Is any plumbing involved in this work? Is any electrical work involved in this work?
Is connection to be made to public sewer? If not, what is proposed for sewage?
Has septic tank notice been sent? Form notice sent?
Height average grade to top of plate Height average grade to highest point of roof earth or rock?
Size, front depth No. stories Thickness, top bottom cellar
Material of foundation Roof covering
Kind of roof Rise per foot Material of chimneys of lining Kind of heat fuel
No. of chimneys Material of chimneys of lining Kind of heat fuel
Framing Lumber - Kind Dressed or full size? Corner posts Sills
Size Girder Columns under girders Size Max. on corners
Studs (outside walls and carrying partitions) 2x4 (6' C) Bridging (every floor and flat roof span over 8 feet)
Post and rafters 1st floor 2nd floor roof
Crown cut 1st floor 2nd floor roof



2  
39/3



- Draw Layout of Room — Door Locations, Skylights, Spa Location
- Locate breakthrough and size
  - Dimension existing slabs, sidewalks and steps
  - Identify interior room being enclosed
  - Locate existing pool



8. SURVEY CHECKLIST

- Mortgage survey
- Existing footings
- Necessary photos for access into rear yard

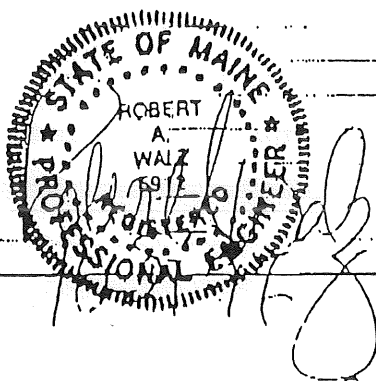
- Photo of electric panel and meter
- Steps by:
  - Homeowner  Tony V's

EXISTING CONDITIONS:

- Overhead lines
  - 1/2" Spicket
  - Dryer Vent
  - A/C
  - Septic Lines
  - Lights
  - Tree
  - Sprinkler lines
  - BBQ
  - Cable
  - Phone
  - Existing Home  Slab  Crawl  Basement
- What condition is existing roof on home? \_\_\_\_\_

ROOF SPAN CALCULATIONS

<b>RIOUX</b>			
SPAN (feet)	12.00		
LIVE LOAD (psf)	50.00		
DEAD LOAD (psf)	2.00		
TOTAL LOAD (psf)	52.00		
Foam Dimension - C (inches)	4.25	One Pound Foam	Two Pound Foam
Foam Density (pcf)	2.00		
E <sub>c</sub> (psi)	480	200	480
F <sub>v</sub> (psi)	35	20	35
G <sub>c</sub> (psi)	620	300	620
T1 (inches)	0.032		
T2 (inches)	0.032		
H (inches)	4.31		
A1 (inches) <sup>2</sup>	0.384		
A2 (inches) <sup>2</sup>	0.384		
E (psi)	10,100,000		
Aluminum Working Stress (psi)	11,818		
Y (inches)	2.16		
I (inches) <sup>4</sup>	3.52		
S (inches) <sup>3</sup>	1.63		
Bending Stress (psi)	6,882		
Shear Stress (psi)	6.07		
Skin Buckling (psi)	7,215		
Allowable Deflection (inches)	1.20		
Actual Deflection (inches)	1.03		



AFFIDAVIT

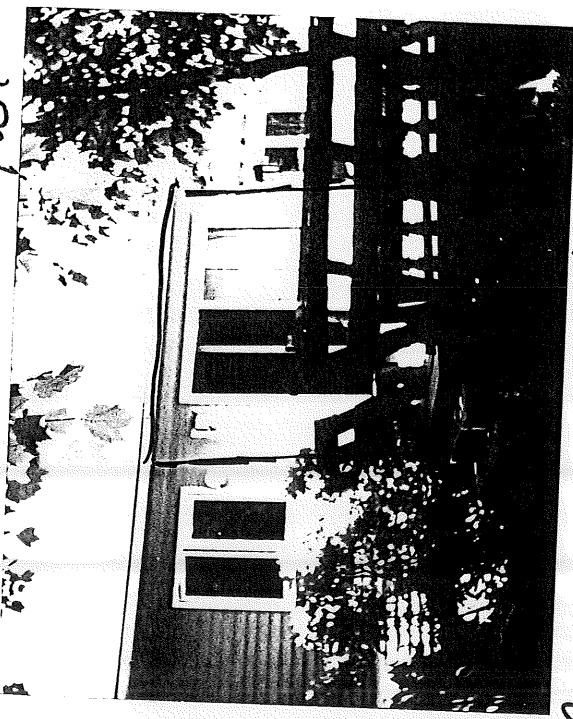
I, the undersigned, the owner of the property at 107 Euclid Ave  
hereby verify that I have authorized Lee Stephens/American Profiles to apply to the  
Building Department of the City of Portland, ME  
City State  
to act as agent obtaining building permit and, or any zoning requirements needed to obtain  
permits.

Signature of Owner X M.T. Pappas  
X Martha C. Pappas

Address of Owner 107 Euclid Ave

Date 6/21

1001



WE Plywood DECK  
10x9 3 season  
Room, Studio roof

Pappas  
PORTLAND ME