

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

Location of Construction: 87 Essex St		Owner: Adelson, Mark & Margaret		Phone: 874-8733		Permit No. 980269	
Owner Address: SAA Pctld, ME 04102		Lessee/Buyer's Name:		Phone:		BusinessName:	
Contractor Name: Portland Builders		Address: 63 Federal St Pctld ME 04101		Phone: 879-0118		Permit Issued: MAR 24 1998 CITY OF PORTLAND	
Past Use: 1-fam		Proposed Use: Same		COST OF WORK: \$ 70,000.00		PERMIT FEE: \$ 370.00	
Proposed Project Description: Construct Addition (22 x 28) DECK Two car attached garage (24 x 24)		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group R3 Type 5B BOCA 96		Zone: R-3 CBL: 284-G-036e37	
		Signature:		Signature: <i>[Signature]</i>		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: Mary Gresik		Date Applied For: 10 March 1998					

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

[Signature]
SIGNATURE OF APPLICANT **Mark Adelson** ADDRESS: DATE: **10 March 1998** PHONE:

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE PHONE:

CEO DISTRICT **4**

COMMENTS

3/30/98 Preconstruction meeting w/ owner Maggie Adelson & Haway - PHD Bldg. Survey Adelson has staked out actual Bldg. lines. Discussed approval conditions and subcontractors. Will call for ftng. inspection prior to pouring concrete.

4/01/98 Footing's poured adequately. Located per stakes - keyway added to the addition portions of the footings. Walls to be framed this TH.

4/3/98 Backfill inspection - perimeter drain installed both interior and exterior. Have run the positive drain to the rear of the property, added sand on top and some gravel. Basement walls are water propped. Gravel inside foundation. OK to backfill. Anchor bolts placed adequately.

4/14/98 rec'd Truss spec from owner. Designed & supplied by Wood Structures.

4/18/98 - Not using trusses - ^{Need 2x10} header over bulkhead, scab in flr joist - check fire rating on wall - check fire blocking in one spot on wall near stairs.

PORTLAND BUILDERS INC

Box 4902 D.T.S.
Portland, ME 04112

Harvey Klugman

879-0118

Inspection Record

Type	Date
Foundation:	
Framing: <u>Need to do above items /</u>	<u>4/18/98</u>
Plumbing: <u>OK.</u>	<u>4/18/98</u>
Final: <u>OK</u> <u>(T.E.R.)</u>	<u>7-9-98</u>
Other:	

BUILDING PERMIT REPORT

DATE: 16 MAR 98 ADDRESS: 87 Essex ST (284-G-036)
REASON FOR PERMIT: To Construct addition (22'x28') & 2 Car attached garage (24'x24')
BUILDING OWNER: MARK & Margaret Adelson
CONTRACTOR: Portland Builders
PERMIT APPLICANT: MARK Adelson
USE GROUP R-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, *3, *5, *6, *8, *9, *10, *11, *12, *16, *24, *26, *29, *30, *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. (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. This proposed addition must be pinned to existing Foundation.
- * 30. Design of Pre-engineered roof-Truss must be submitted to this div. before work begins.
- * 31. Water proofing and damp proofing of foundation must be done in accordance with section 1813 of the City's building code. (The BOCA NATIONAL Building Code 1996)
32. _____


P Samuel Hofses, Code Enforcement

cc: Lt. McDougall, PFD
Marge Schmuckal

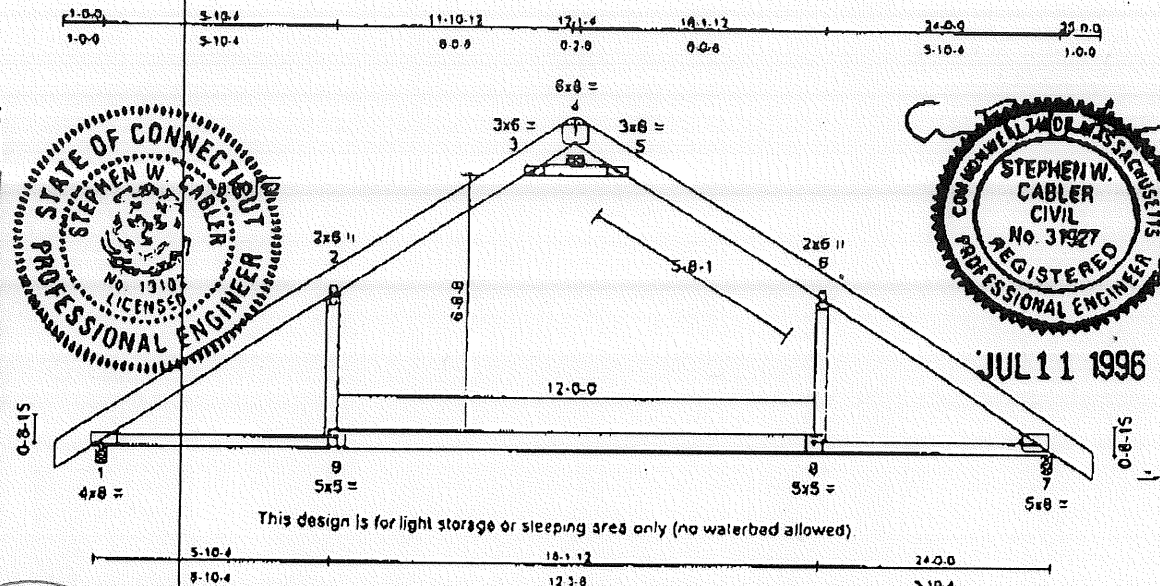
ATT: HARVEY — ADELSON JOB 87 Essex Street

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME
APR 14 1998
RECEIVED

Job	Truss	Truss Type	Qty	Qty	
WSED	A024	ATTIC	50	1	(58)

WOOD STRUCTURES INC.

300 # 3rd 20 1995 MiTek Industries Inc. Fr Jan 05 12:03 18 1998 Page 1



This design is for light storage or sleeping area only (no waterbed allowed)

Plate Onsite (X,Y): [1,0-0,0,0-0-0], [4,0-0,0,0-1-14], [7,0-1,4,0-1-5], [8,0-0,0,0-3-0], [9,0-0,0,0-3-0]

LOADING (psf)	SPACING	2.0-0	CSI	DEFL (in)	(loc)	Udef	PLATES	CRIP
TCCL 42.0	Plates Increase	1.15	TC 0.69	Var(LL)	0.68	0/8	M20(20ga)	159/146
TCCL 10.0	Lumber Increase	1.15	BC 0.93	Var(TL)	1.00	9/8		
BCLL 0.0	Rep Stress Incr	YES	WB 0.42	Mod(TL)	0.05	7		
BCCL 10.0	Code	TPI	(Main)	Min Length / LL def	4	480		

LUMBER
 TOP CHORD 2 X 8 SYP 2250F 1 8E
 BOT CHORD 2 X 4 SPF 2100F 1 8E "Exempt"
 8-8 2 X 8 SYP 2400F 2 0E
WEBS
 3 X 4 SPF 1800F "Exempt"
 3-0 2 X 4 SPF No 2
OTHERS
 2 X 4 SYP No 2
WEDGE
 Right: 2 X 4

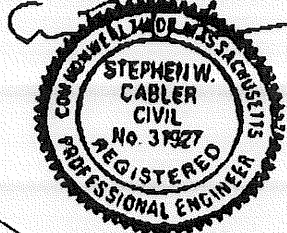
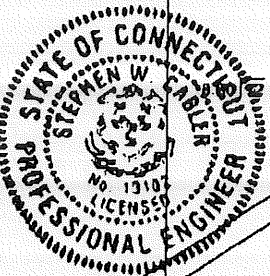
REACTIONS (lbs/size) 1=2057/0-3-8 7=2057/0-3-8
 Max Horiz 1=218 (load case 2)

FORCES
 TOP CHORD 1-2=-2691, 2-3=-2032, 3-4=-1501, 4-5=-1511, 5-6=-2018, 6-7=-2703
 BOT CHORD 7-8=1806, 8-9=1830, 9-0=1906
 WEBS 3-5=-3730, 2-9=589, 6-8=634

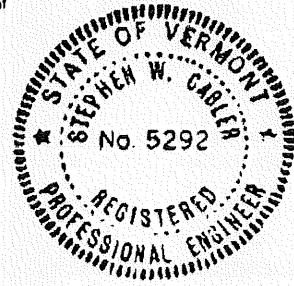
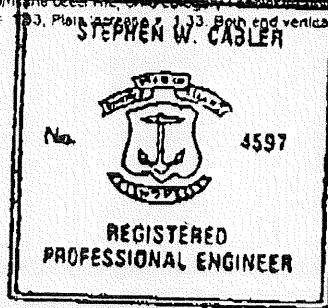
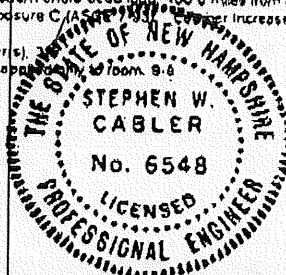
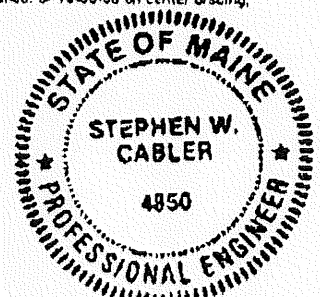
BRACING
 TOP CHORD Sheathed or 4-2-3 on center purlin spacing
 BOT CHORD Rigid ceiling directly applied, or 10-00-00 on center bracing.
 WEBS Rigid ceiling directly applied, or 10-00-00 on center bracing.
 at midpt 3.5

NOTES
 1) This truss has been checked for unbalanced loading conditions about joint 4
 2) This truss has been designed for the wind loads generated by 80.0 m.p.h. winds at 25.0 feet above ground level, using 7.0 psf top chord dead load and 10.0 psf bottom chord dead load, 100.0 miles from hurricane coast, and 45.0 psf windward exposure, and 10.0 psf leeward exposure. The design wind speed is 80.0 m.p.h. with gust factor = 1.33. Both end verticals are exposed.
 3) Ceiling load (10.0 psf) on members 5, 6, 7, 8, 9, 0.
 4) Bottom chord live load (30.0 psf) applied to members 1, 2, 3, 4, 5, 6, 7, 8, 9, 0.

LOAD CASE(s) Standard



JUL 11 1996



WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
 Design valid for use only with MiTek connectors. The design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. A responsibility of design parameters and proper incorporation of component is responsibility of building designer. Not liable for lateral support of individual web members only. Additional permanent bracing of the overall structure is the responsibility of the building designer for general guidance regarding bracing, quality control, storage, delivery, erection and bracing. Consult 057-88 Quality Standard, 058-88 Bracing Specification, and 019-91 Working Bracing and Bracing Requirements available from MiTek Industries, 303 D'Onofrio Drive, Madison, WI 53710.



WOOD STRUCTURES, INC.

PLUMBING APPLICATION

PROPERTY ADDRESS

Town Or Plantation	Portland
Street	87 Essex Street
Subdivision Lot #	

PROPERTY OWNERS NAME

Last: Adelson First: Mark

Applicant Name: Door to Door P & H

Mailing Address of Owner/Applicant (If Different): 42 Memory Lane S. P.

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

Robert Dain
Signature of Owner/Applicant

5/15/98
Date

PORTLAND Permit Issued: 5.15.98 PERMIT # 6481 STATE COPY if Double Fee Charged FEE 17.00

Local Plumbing Inspector Signature: _____ L.P.I. # 9124

496

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Maine Plumbing Rules.

Local Plumbing Inspector Signature _____

Date Approved _____

PERMIT INFORMATION

This Application is for	Type Of Structure To Be Served:	Plumbing To Be Installed By:
1. <input checked="" type="checkbox"/> NEW PLUMBING 2. <input type="checkbox"/> RELOCATED PLUMBING	1. <input checked="" type="checkbox"/> SINGLE FAMILY DWELLING 2. <input type="checkbox"/> MODULAR OR MOBILE HOME 3. <input type="checkbox"/> MULTIPLE FAMILY DWELLING 4. <input type="checkbox"/> OTHER — SPECIFY _____	1. <input checked="" type="checkbox"/> MASTER PLUMBER 2. <input type="checkbox"/> OIL BURNERMAN 3. <input type="checkbox"/> MFG'D. HOUSING DEALER / MECHANIC 4. <input type="checkbox"/> PUBLIC UTILITY EMPLOYEE 5. <input type="checkbox"/> PROPERTY OWNER LICENSE # <u>612095</u>

Hook-Up & Piping Relocation Maximum of 1 Hook-Up	Column 2		Column 1	
	Number	Type of Fixture	Number	Type of Fixture
HOOK-UP: to public sewer in those cases where the connection is not regulated and inspected by the local Sanitary District. OR HOOK-UP: to an existing subsurface wastewater disposal system. PIPING RELOCATION: of sanitary lines, drains, and piping without new fixtures.	1	Hosebibb / Sillcock.	1	Bathtub (and Shower)
		Floor Drain		Shower (Separate)
		Urinal		Sink
		Drinking Fountain	1	Wash Basin
		Indirect Waste	1	Water Closet (Toilet)
		Water Treatment Softener, Filter, etc.		Clothes Washer
		Grease / Oil Separator		Dish Washer
		Dental Cuspidor		Garbage Disposal
		Bidet		Laundry Tub
		Other: _____		Water Heater
	Fixtures (Subtotal) Column 2		3	Fixtures (Subtotal) Column 1
			1	Fixtures (Subtotal) Column 2
			4	Total Fixtures
			\$	Fixture Fee
			\$	Transfer Fee
			\$	Hook-Up & Relocation Fee
			\$ 16.00	Permit Fee (Total)

SEE PERMIT FEE SCHEDULE FOR CALCULATING FEE

Applicant: MARK Adelson

Date: 3/12/98

Address: 87 Essex St

C-B-L: 204-G-36(3)

CHECK-LIST AGAINST ZONING ORDINANCE

Date - Existing 1915

Zone Location - R-3

Interior or corner lot - end of Street

Proposed Use/Work - New Garage: 23x24; New Addition: 21.5' x 28

Sewage Disposal -

Lot Street Frontage -

Front Yard - 25' req - 25' + shown

Rear Yard - 25' req - 3/24/98 received revised plans showing 20.19' to rear lot line

Side Yard - 8' req - 8' shown

5' description given per Section 14-433

Projections -

Width of Lot -

Height - 1 story garage; 1 story family room

Lot Area - 6,500

12,637 #

Lot Coverage/Impervious Surface -

25% = 3009.25

new 21.5 x 28 = 602

new 23 x 24 = 552

8 x 8 = 64

3 x 9 = 27

23 x 27 = 621

6 x 10 = 60

1926 #

Area per Family -

Off-street Parking -

Loading Bays -

Site Plan -

Shoreland Zoning/Stream Protection -

over 75' from high water mark

Flood Plains - Panel 6 of 19

over 80' from high water Zone C

OK per Sec 14-433