



APPLICATION FOR PERMIT
DEPARTMENT OF BUILDING INSPECTIONS SERVICES
ELECTRICAL INSTALLATIONS

Date 6/23/93
 Receipt and Permit number 0000

To the CHIEF ELECTRICAL INSPECTOR, Portland, Maine:
 The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of
 Maine, the Portland Electrical Ordinance, the National Electrical Code and the following specifications:
 LOCATION OF WORK: 106 Bramblewood Dr.
 OWNER'S NAME: Robert Auclair ADDRESS: _____

		FEES
OUTLETS:		
Receptacles <u>20</u> Switches <u>5</u> Plugmold _____ ft. TOTAL <u>26</u>		<u>5.20</u>
FIXTURES: (number of)		
Incandescent <u>15</u> Fluorescent _____ (not strip) TOTAL <u>15</u> (C.R.)		<u>3.00</u>
Strip Fluorescent _____ ft.		
SERVICES:		
Overhead _____ Underground _____ Temporary _____ TOTAL amperes _____		
METERS: (number of) _____		
MOTORS: (number of)		
Fractional _____		
1 HP or over _____		
RESIDENTIAL HEATING:		
Oil or Gas (number of units) _____		
Electric (number of rooms) _____		
COMMERCIAL OR INDUSTRIAL HEATING:		
Oil or Gas (by a main boiler) _____		
Oil or Gas (by separate unit) _____		
Electric Under 20 kws _____ Over 20 kws _____		
APPLIANCES: (number of)		
Ranges _____	Water Heaters _____	
Cook Tops _____	Disposals _____	
Wall Ovens _____	Dishwashers _____	
Dryers _____	Compactors _____	
Fans _____	Others (denote) _____	
TOTAL		
MISCELLANEOUS: (number of)		
Branch Panels _____		
Transformers _____		
Air Conditioners Central Unit _____		
Separate Units (windows) _____		
Signs 20 sq. ft. and under _____		
Over 20 sq. ft. _____		
Swimming Pools Above Ground _____		
In Ground _____		
Fire/Burglar Alarms Residential _____		
Commercial _____		
Heavy Duty Outlet, 220 Volt (such as welders) 30 amps and under _____		
over 30 amps _____		
Circus, Fairs, etc. _____		
Alterations to wires _____		
Repairs after fire _____		
Emergency Lights, battery _____		
Emergency Generators _____		

FOR ADDITIONAL WORK NOT ON ORIGINAL PERMIT DOUBLE FEE DUE:
 FOR REMOVAL OF A "STOP ORDER" (304-16.b)
 TOTAL AMOUNT DUE: 15.00
 minimum fee

INSPECTION:
 Will be ready on _____, 19__; or Will Call X
CONTRACTOR'S NAME: Robert W. Auclair - owner/resident of 1-fam dwlg
ADDRESS: 106 Bramblewood Dr = Ptld
TEL.: 797-0447
MASTER LICENSE NO.: n/a **SIGNATURE OF CONTRACTOR:**
Robert W. Auclair
LIMITED LICENSE NO.: _____

INSPECTOR'S COPY — WHITE
 OFFICE COPY — CANARY
 CONTRACTOR'S COPY -- GREEN

930544

Permit # _____ City of Portland BUILDING PERMIT APPLICATION Fee \$40 Zone R-2 Map # _____ Lot# _____
Please fill out any part which applies to job. Proper plans must accompany form.

Owner: Robert W. Auclair Phone # 797-0447
Address: 106 Bramblewood Dr- Ptld, ME 04103
LOCATION OF CONSTRUCTION 106 Bramblewood Dr.
Contractor: OWNER Sub: _____
Address: _____ Phone # _____
Est. Construction Cost: 3500 Proposed Use: 1-fam w intr renov
Past Use: 1-fam
of Existing Res. Units _____ # of New Res. Units _____
Building Dimensions L _____ W _____ Total Sq. Ft. _____
Stories: _____ # Bedrooms _____ Lot Size: _____
Is Proposed Use: Seasonal _____ Condominium _____ Conversion _____
Explain Conversion interior renovations - basement

PERMIT ISSUED
For Official Use Only
Date 6/23/93 Subdivision: _____
Name: JAN 28 1993
Inside Fire Limits: _____
Bldg Code: _____
Time Limit: _____
Estimated Cost: 3500
City of Portland
Zoning: _____
Street Frontage Provided: _____
Provided Setbacks: Front _____ Back _____ Side _____
Review Required: _____
Zoning Board Approval: Yes _____ No X Date: _____
Planning Board Approval: Yes _____ No X Date: _____
Conditional Use: _____ Variance _____ Site Plan _____ Subdivision _____
Shoreland Zoning Yes _____ No X Floodplain Yes _____ No X
Special Exception _____
Other (Explain) _____

Foundation:
1. Type of Soil: _____
2. Set Backs - Front _____ Rear _____ Side(s) _____
3. Footings Size: _____
4. Foundation Size: _____
5. Other _____

Floor:
1. Sills Size: _____ Sills must be anchored.
2. Girder Size: _____
3. Lally Column Spacing: _____ Size: _____
4. Joists Size: _____ Spacing 16" O.C.
5. Bridging Type: _____ Size: _____
6. Floor Sheathing Type: _____ Size: _____
7. Other Material: _____

Exterior Walls:
1. Studding Size _____ Spacing _____
2. No. windows _____
3. No. Doors _____
4. Header Sizes _____ Span(s) _____
5. Bracing: Yes _____ No _____
6. Corner Posts Size _____
7. Insulation Type _____ Size _____
8. Sheathing Type _____ Size _____
9. Siding Type _____ Weather Exposure _____
10. Masonry Materials _____
11. Metal Materials _____

Interior Walls:
1. Studding Size _____ Spacing _____
2. Header Sizes _____ Span(s) _____
3. Wall Covering Type _____
4. Fire Wall: if required _____
5. Other Materials _____

Colling:
1. Ceiling Joists Size: _____
2. Ceiling Strapping Size _____ Spacing _____
3. Type Ceilings: _____
4. Insulation Type _____ Size _____
5. Ceiling Height: _____
Roof:
1. Truss or Rafter Size _____ Span Action: _____ Approved.
2. Sheathing Type _____ Size _____
3. Roof Covering Type _____
Chimneys:
Type: _____ Number of Fire Places _____
Heating:
Type of Heat: _____
Electrical:
Service Entrance Size: _____ Smoke Detector Required Yes _____ No _____
Plumbing:
1. Approval of soil test if required Yes _____ No _____
2. No. of Tubs or Showers _____
3. No. of Flushes _____
4. No. of Lavatories _____
5. No. of Other Fixtures _____
Swimming Pools:
1. Type: _____
2. Pool Size: _____ x _____ Square _____
3. Must conform to National Electrical Code and State Requirements

Permit Received By Louise F. Chase
Signature of Applicant Robert W. Auclair Date 6/23/93
Signature of CEO Robert W. Auclair Date _____
Inspection Dates _____

BUILDING PERMIT REPORT

ADDRESS: 106 Bramblewood DR. DATE: 25 June 1993

REASON FOR PERMIT: TO MAKE INTERIOR REMODELS
(basement)

BUILDING OWNER: Robert W. Auclair

CONTRACTOR: owner

PERMIT APPLICANT: " "

APPROVED: *6 *7 *9 *12 *13 *14

CONDITION OF APPROVAL:

- 1.) Before concrete for foundation is placed, approvals from Public Works and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection.)
- 2.) Precaution must be taken to protect concrete from freezing.
- 3.) All vertical openings shall be enclosed with construction having a fire rating of at least one(1) hour, including fire doors with self-closers.
- 4.) 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.
- 5.) The boiler shall be protected by enclosing with one(1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. Sprinkler piping serving not more than six sprinklers may be connected to a domestic water supply system having a capacity sufficient to provide 0.15 gallons per minute, per square foot of floor throughout the entire area. An INDICATING shut-off valve shall be installed in an accessible location between the sprinkler and the connection to the domestic water supply. Minimum pipe size shall be 3/4 inch copper or 1 inch steel. Maximum coverage area of a residential sprinkler is 144 square feet per sprinkler.
- * 6.) 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 opening without the use of separate tools. Where windows are provided as a means of egress or rescue, they shall have a sill height not more than 44 inches (1118 mm) above the floor. All egress or rescue windows from sleeping rooms must have minimum net clear openings of 5.7 square feet (0.53m²). The minimum net clear opening height dimension shall be 24 inches (610 mm). The minimum net clear opening width dimension shall be 20 inches (508 mm).
- * 7.) All single and multiple-station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the building code (BOCA National Building Code 1990, and N.F.P.A. 101 Chapter 18 & 19.

over

8.) Private garages located beneath rooms in buildings of Use Groups R-1, R-2, R-3 or I-1 shall have walls, partitions, floors and ceilings separating the garage space from the adjacent interior spaces constructed of not less than 1-hour fire-resistance rating. Attached private garages shall be completely separated from the adjacent interior spaces and the attic area by means of 1/2-inch gypsum board or equivalent applied to the garage side. The sills of all door openings between the garage and adjacent interior spaces shall be raised not less than 4 inches (102 mm) above the garage floor. The door opening protectives shall be 1 3/4-inch solid core wood doors or approved equivalent.

* 9.) A guardrail system located near the open side of deck or elevated walking surfaces shall be constructed. Guards in buildings of Use Group R-3 shall be not less than 36 inches in height. Open guards shall have intermediate rails, balusters or other construction such that a sphere with a diameter of 4 inches cannot pass through any opening. Handrails on stairs shall be no less than 34 inches nor more than 38 inches. Handrails within individual dwelling units shall be less than 30 inches nor more than 38 inches. For more detail on guards & handrails see Article 8 section 824.0 and 825.0 of the 1990 National Building Code.

10.) 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.

11.) The builder of a facility to which Section 4594-C of the Maine State Human Rights Act, Title 5 M.R.S.A. refers, shall obtain a certification from a design professional that the plans of the facility meet the standards of construction required by this section. Prior to commencing construction of the facility, the builder shall submit the certification to the Division of Inspection Services.

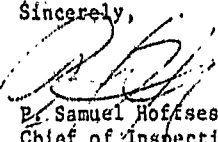
* 12.) Stair construction in Use Group R-3, R-4, is a minimum of 9" tread and 8-1/4" maximum rise.

* 13.) Headroom in habitable spaces is a minimum of 7'6".

* 14.) The minimum headroom in all parts of a stairway shall not be less than 6 feet 8 inches.

15.) All construction and demolition debris must be disposed at the RWS by a licensed carrier or solid waste at the City's authorized reclamation site. The fee rate is attached. Proof of such disposal must be furnished to the office of Inspection Services before final certificate of occupancy is issued or demolition permit is granted.

Sincerely,


E. Samuel Hoffses
Chief of Inspection Services

/e1
11/16/88-11/27/90-8/14/91-9/2/92-10/14/92

WRITTEN BY **GROSSMAN'S** MGR. APPROVAL
EVERYTHING TO BUILD WITH

WRITTEN BY **GROSSMAN'S** MGR. APPROVAL
EVERYTHING TO BUILD WITH

NAME _____ LIC. NO. _____ ORIG. TRAN./DATE _____
ADDRESS _____ CITY/STATE/ZIP _____
TEL. NO. _____

B. B. Auclair
NAME
106 Bramblewood Dr. Port, Maine
ADDRESS
297.0447
CITY/STATE/ZIP
TEL. NO.

SUBTOTAL 1757.23

6% TAX 105.43
TOTAL 1862.66
BANKCARD 4313016930010715
APPROVAL 00022 1862.66-

VISA
4313016930010715 00022
STORE # 443 TRANS # 6370
REG # 44303 EMP # 168
DATE 06/22/93 3:02 PM
\$ 1862.66 CARD AMT
\$ 1862.66 SALE AMT

COPIES RECEIVED BY
11144303 168 6370 DOC. 0239024
06/22/93 15:02:36

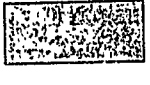
B. B. Auclair
CUSTOMER SIGNATURE
PAYMENT FOR THIS PURCHASE, IF CHARGED, WILL BE MADE IN ACCORDANCE WITH THE APPLICABLE CHARGE AGREEMENT.

CASH SALE

	STORE #443	
STNLY UTL KNIFE 10099		
601500 204.19		8.38
1-1/4"-8" CORNER BEAD		
170662 301.49		4.47
500' USG PAPER TAPE		
239541		2.99
1 1/4" DRYWALL SCREW		
304949 1203.19		38.28
160 BPT COMMON 25H		
172703		13.99
60 BPT FINISH 5H		
172205 405.49		21.96
1 3/8" UNDERLAY		
304709 201.39		2.78
GOLD BOND JOINT CPD		
211730 *		7.39

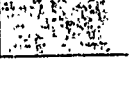
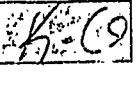
2- 601-500 retractable knife
3- 170662 corner bead
1- 239531 joint tape
12- 304949 1/4 Dry wall screws
1- 172703 25# 160 common
4- 172-205 3# 60 finish
2- 304709 1 3/8 underlay
1- 211-730 joint comp.

WRITTEN BY **GROSSMAN'S** MGR APPROVAL
 EVERYTHING TO BUILD WITH



Bob Auclair
 LIC. NO. _____ ORIG. TRAN./DATE _____
 6 Bramblewood Dr. Port. Me
 ADDRESS CITY/STATE/ZIP
 297-0447
 TEL. NO.

WRITTEN BY **GROSSMAN'S** MGR APPROVAL
 EVERYTHING TO BUILD WITH



Bob Auclair
 LIC. NO. _____ ORIG. TRAN./DATE _____
 106 Bramblewood Dr. Port. Maine
 ADDRESS CITY/STATE/ZIP
 297-0447
 TEL. NO.

CEIL HANGER WIREANC	
162420 4e2.29	9.16 £
USG PLATEAU 2X4	
213843 8e14.32 *	114.56 £
4' CROSS TEE WHITE	
162404 61e1.39	84.79 £
12' MAIN TEE WHITE	
162388 23e4.49	103.27 £
1X6X12' T&G PINF V/J	
669317 20e8.20	164.00 £
1X6X10' T&G PINE V/J	
669309 30e7.25	217.50 £
1X6X8' T&G PINE V/J	
669291 15e6.20	93.00 £
1X6X6' T&G PINE V/J	
669283 9e4.85	43.65 £
10' WALL ANGLE WHITE	
362905 13e2.39	31.07 £

162420 wire
 2- 213843 plateau 14.32
 162404 clausless 1.39
 162388 main runner 4.49
 0- 669-317 1X6X12U-match 8.20
 0- 669-309 1X6X10 V-match 7.25
 5- 669-291 1X6X8 " " 6.70
 7- 669-283 1X6X6 " " 6.85
 3- 362905 WA white 3.39

LAUAN DR UNT 3-0X6-6	
537217 3e39.00 *	117.00 £
2X4X8 PTH2 GRADE SV	
400713 15e2.64 *	39.60 £
2X4X8 KD SPRUCE RD	
107227 150e1.99 *	298.50 £
1/2 GYPSUM BKSVBH	
164210 2e03.09 *	60.34 £
15" KRAFT R11 K6B	
167460 8e14.99	119.92 £
CAB116A 16" WORKBOX	
530980 25e0.30	7.50 £

3-537217 3'0"X6'6" 39.00
 15-400713 2X4X8 PTH2 2.64
 150-107227 2X4X8 KD 1.99
 26-164210 4X8X1/2 3.09
 8-167460 R-11 15" kraft 14.99
 75-530980 Elect boxes 3.39

CUSTOMER SIGNATURE
 PAYMENT FOR THIS PURCHASE IF CHARGED WILL BE MADE IN ACCORDANCE WITH THE APPLICABLE CHARGE AGREEMENT

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 PAYMENT FOR THIS PURCHASE IF CHARGED WILL BE MADE IN ACCORDANCE WITH THE APPLICABLE CHARGE AGREEMENT

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 EVERYTHING TO BUILD WITH



Bob Auclair
 LIC. NO. _____ ORIG. TRAN./DATE _____
 6 Bramblewood Dr. Port., Maine
 ADDRESS CITY/STATE/ZIP
 99-0447
 TEL. NO.

WRITTEN BY **GROSSMAN'S** MGR. APPROVAL
 EVERYTHING TO BUILD WITH



Bob Auclair
 LIC. NO. _____ ORIG. TRAN./DATE _____
 106 Bramblewood Dr. Portland, Me
 ADDRESS CITY/STATE/ZIP
 797-0447
 TEL. NO.

EZ PSS BR 101TDNUS3	
720896 3@7.49 *	22.47 £
6PK56064 100PKRX STA	
599829	2.99 £
B232A DOUBLE GANG BX	
578823	1.69 £
86003 DUP OUT FLT IV	
600352	.39 £
86003 DUP OUT FLT IV	
600353 19@.39	7.41 £
86001 1GANG TOGLE IV	
600338 4@.39	1.56 £
86009 2GANG TOGLE IV	
600387	.99 £

5320 ICP IV.DUP.RECP	
347117 2@0.69	13.80 £
14531-2 3W RT SW IV	
738070 4@2.59	10.36 £
12-2 250'NMB ROMEX	
448662 *	24.99 £
12-3 100'NMB HOUSEWR	
361196	39.99 £
EP476 WIRE CONN LGE	
305938	6.49 £

3 720896 Hall/closet Passageway 2.99
 -549-829 Staples w/insulators 2.00
 -578-823 Duplex box 2.00
 -600-353 cut cover 1.39
 -600-338 switch cover .39
 -600-387 Double switch cover

547117 Ivory Out 1.69
 4-738020 Ivory 3-way 2.59
 1-448067 12-2 250ft 24.99
 1-361196 12-3 100ft 39.99
 1-305-938 wire form 2.99

CUSTOMER SIGNATURE
 PAYMENT FOR THIS PURCHASE, IF CHARGED, WILL BE MADE IN ACCORDANCE WITH THE APPLICABLE CHARGE AGREEMENT.

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 PAYMENT FOR THIS PURCHASE, IF CHARGED, WILL BE MADE IN ACCORDANCE WITH THE APPLICABLE CHARGE AGREEMENT.

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

Location of Construction: 196 Brasswood Dr		Owner: Robert & Catherine Lucier	Phone: 737-0447	Permit No: 040656
Owner Address: 196 Brasswood Dr	Leasee/Buyer's Name:	Phone:	Business Name:	Permit Issued: PERMIT ISSUED JUN 30 1994 CITY OF PORTLAND Zone: CBLE 378-A-0015
Contractor Name: JWAP	Address:	Phone:		
Past Use: i-fab	Proposed Use: i-fab w deck	COST OF WORK: \$ 2000	PERMIT FEE: \$ 30	
		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: Type:	
Proposed Project Description: construct deck - appx 12'x14' (two levels) appx - 14'x23'		PEDESTRIAN ACTIVITIES DISTRICT (P.U.D.) Action: Approved <input type="checkbox"/> Approved with Conditions: <input type="checkbox"/> Denied <input type="checkbox"/>		Zoning Approval: <i>[Signature]</i>
		Signature:	Date:	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 <input type="checkbox"/> minor <input type="checkbox"/> mm <input type="checkbox"/>

- This permit application doesn't 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 or 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 certification 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 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: *Robert Lucier* ADDRESS: _____ DATE: *6/28/94* PHONE: _____

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE: _____ PHONE: _____

Action:
 Approved
 Approved with Conditions
 Denied
Date: *6/28/94*
[Signature]

CEO DISTRICT *[Signature]*

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

Mr. Jordan

City of Portland, Maine - Building or Use Permit Application 389 Congress Street, 04101, Tel: (207) 874-8703, FAX: 874-8704

Location of Construction: 105 Brambleton Dr		Owner: Robert & Marie Lucier	Phone: 797-3447	Permit No: 040050
Owner Address: 105 Brambleton Dr	Lessee/Buyer's Name:	Phone:	Business Name:	Permit Issued: PERMIT ISSUE JUN 30 1994
Contractor Name: ODRAC	Address:	Phone:		
Past Use: 1-fam	Proposed Use: 1-fam deck	COST OF WORK: \$ 2000	PERMIT FEE: \$ 30	City of Portland Zone: (Dist) PORTLA 378-A-06
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: Type:	
Proposed Project Description: 3. 3x6 deck - appx 12'x14' (two levels) appx - 14'x23'		Signature:	Signature:	
		PEDESTRIAN ACTIVITIES DISTRICT (P.U.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied		Zoning Approval: <input type="checkbox"/> Special Zone or Review <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan map <input type="checkbox"/> minor <input type="checkbox"/> m

- This permit application doesn't preclude the Applicant(s) from meeting applicable State and Federal rules.
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- 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.

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WITH REQUIREMENTS**

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SIGNATURE OF APPLICANT: Robert Lucier ADDRESS: 105 Brambleton Dr DATE: 6/28/94 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

CEO DISTRICT

MA. J. 102

COMMENTS

highest level of deck is all stairs to lower deck, upper for three above
finished at deck height, so 2nd or highest level does not require guard
rail

Inspection Record

Type	Date
Foundation: <u>Checked some tubes for Deck</u>	<u>7-6-78</u>
Framing: <u>OK</u>	<u>7-12-78</u>
Plumbing: _____	_____
Final: <u>OK</u> <u>CLOSE</u> <u>X</u>	<u>8-1-78</u>
Other: _____	_____

IVORY TAG - CEO

21 11/19 10/20/78

BUILDING PERMIT REPORT

Address 106 Bramblewood DR. Date 29 June/94
Reason for Permit TO CONSTRUCT a bi-level deck approx 14' x 14' x 28'
Bldg. Owner: Auclair
Contractor: owner
Permit Applicant: "
Approval *1 *10 *12

CONDITION OF APPROVAL:

- *1. Before concrete for foundation is placed, approvals from ~~Fire~~ and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection).
2. Precaution must be taken to protect concrete from freezing.
3. 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.
4. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hr., including fire doors with selfclosers.
5. Each apartment shall have access to (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.
6. The boiler shall be protected by enclosing with one (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. Sprinkler piping serving not more than six sprinklers may be connected to a domestic water supply system having a capacity sufficient to provide 0.15 gallons per minute, per square foot of floor throughout the entire area. An INDICATING shut-off valve shall be installed in an accessible location between the sprinkler and the connection to the domestic water supply. Minimum pipe size shall be 3/4 inch copper or 1 inch steel. Maximum coverage area of a residential sprinkler is 144 square feet per sprinkler.
7. 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 opening without the use of special knowledge or separate tools. Where windows are provided as a means of egress or rescue, they shall have a sill height not more than 44 inches (1118 mm) above the floor. All egress or rescue windows from sleeping room must have minimum net clear opening height dimension shall be 24 inches (610 mm). The minimum net clear opening width dimension shall be 20 inches (508 mm), and a minimum net clear opening of 5.7 sq.ft.

8. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the building code 919.3.2 (BOCA National Building Code 1993), and NFPA 101 Chapter 18 & 19. (smoke detectors shall be installed and maintained at the following locations):

1. In the immediate vicinity of bedrooms
2. In all bedrooms
3. In each story within a dwelling unit, including basements

9. 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 side. (Chapter 4 section 407.0 of the BOCA/1993).

10. 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 Group 42", except Use Group R which is 36". In occupancies in Use Group A, B, H-4, I1, 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.

11. 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/1993).

12. Stair construction in Use Group R-3, R-4 is a minimum of 9" tread and 8-1/4" maximum rise.

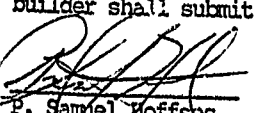
13. Headroom in habitable space is a minimum of 7'6".

14. The minimum headroom in all parts of a stairway shall not be less than 80 inches.

15. All construction and demolition debris must be disposed at the City's authorized reclamation site. The fee rate is attached. Proof of such disposal must be furnished to the office of Inspection Services before final certificate of occupancy is issued or demolition permit is granted.

16. 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".

17. 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 of the facility meet the standards of construction required by this section. Prior to commencing construction of the facility, the builder shall submit the certification to the Division of Inspection Services.


P. Samuel Hoffses
Chief of Inspections

/dmm 01/14/94 (redo w/additions)

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Two level deck

Materials list
All lumber is pressure treated.

Decking 5/4"x6"

11-16'
55-12'
27-10'
8-8'

Joists 2"x10"

13-16'
6-12'
7-10'
9-8'

Ledger 2"x10"

3-16'
4-10'
7-8'

Posts

3-4"x4"x6'

Beams
4-2"x8"x8'
4-2"x8"x10"

Stair stringers

5-2"x12"x12'

Stair treads

6-5/4"x6"x10'
12-5/4"x6"x8'

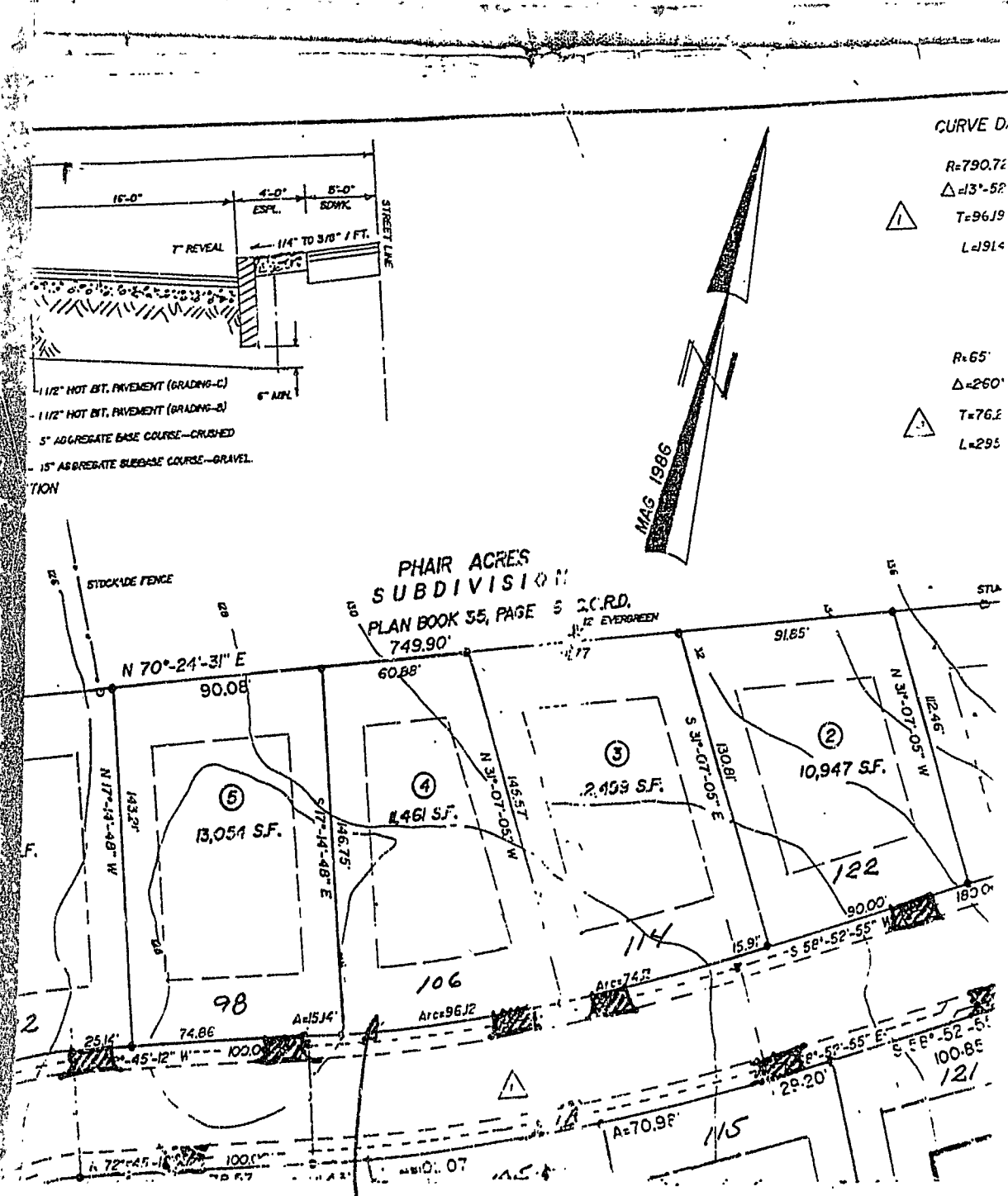
44-10" joist hangers

28 lb 16D galv. nails
1 lb 10D galv. nails
2 lb 12D galv. nails
17 lb 8D galv. nails

23ea. 1/2"x6" galv. lag screws
23ea. 1/2" galv. washers (AL)

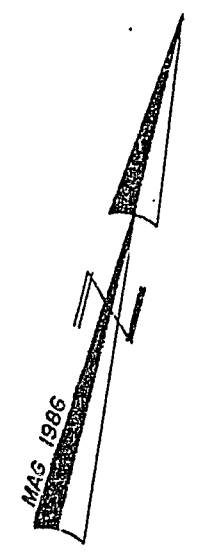
5-8" sona tubes

15 bags 80# concrete



CURVE D.
 R=790.76
 $\Delta=13^{\circ}-52'$
 T=96.19
 L=191.4

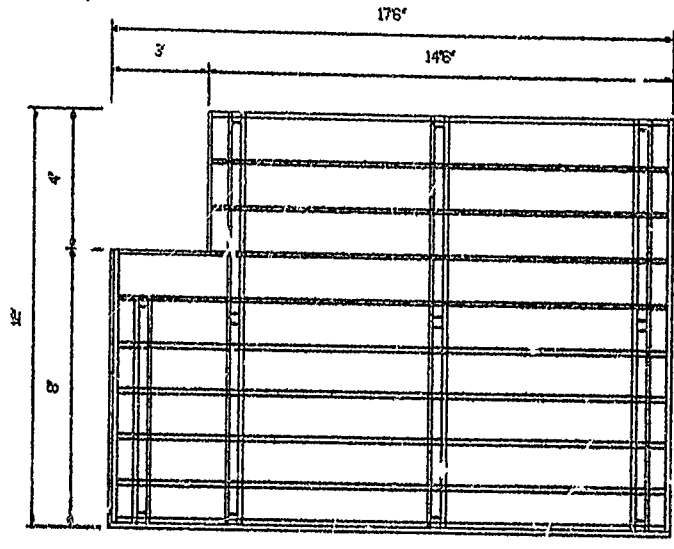
R=65'
 $\Delta=260'$
 T=76.6
 L=295



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PLAN VIEW FOR LEVEL 1
 CUSTOMER -- J M K
 DATE 06/24/94 REF JMK7777



Adjustments made:
 These drawings based on 2"x8" joists.
 Upgrade to 2"x10" joists reducing number of beams & posts

Load and support:
 Your deck will support a 73 PSF live load. Posts have 36" below-ground post support.

Deck and post height:
 You selected a height of 36" from the top of level ground. Therefore the top of posts will be 27.25" above level ground. Provide information for uneven ground.

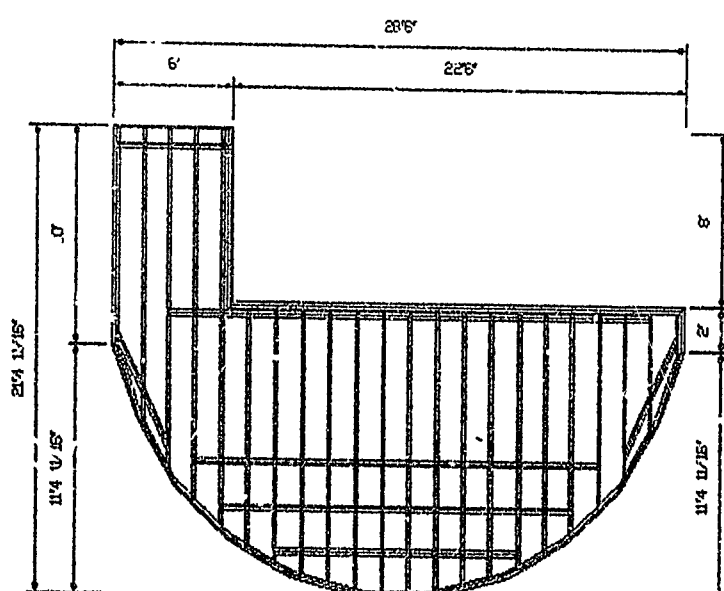
Joists:
 Set joists on top of beams.

Be sure to follow the deck construction from your store salesperson.

Note: The design requires knee braces, beam splices and bracing between joists. Your materials list includes the necessary items. The suggested design is not a finished building plan. You are responsible for all measurements being correct, for verifying that the design (and any substitutions or modifications that you make) meets all local building codes and requirements. To verify that the suggested design and any substitutions or modifications is consistent with conditions at the construction site, review the design with your architect. Also consult your architect for proper construction and use of materials in the structure.

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PLAN VIEW FOR LEVEL 2
CUSTOMER -- J N K
DATE 06/24/94 REF JMK7777



to description :

Your deck will support a 142 PSF live load.

Deck height :

The decking is 15.5' above ground level, and has no supporting posts. The ground is assumed to be level.

Joists :

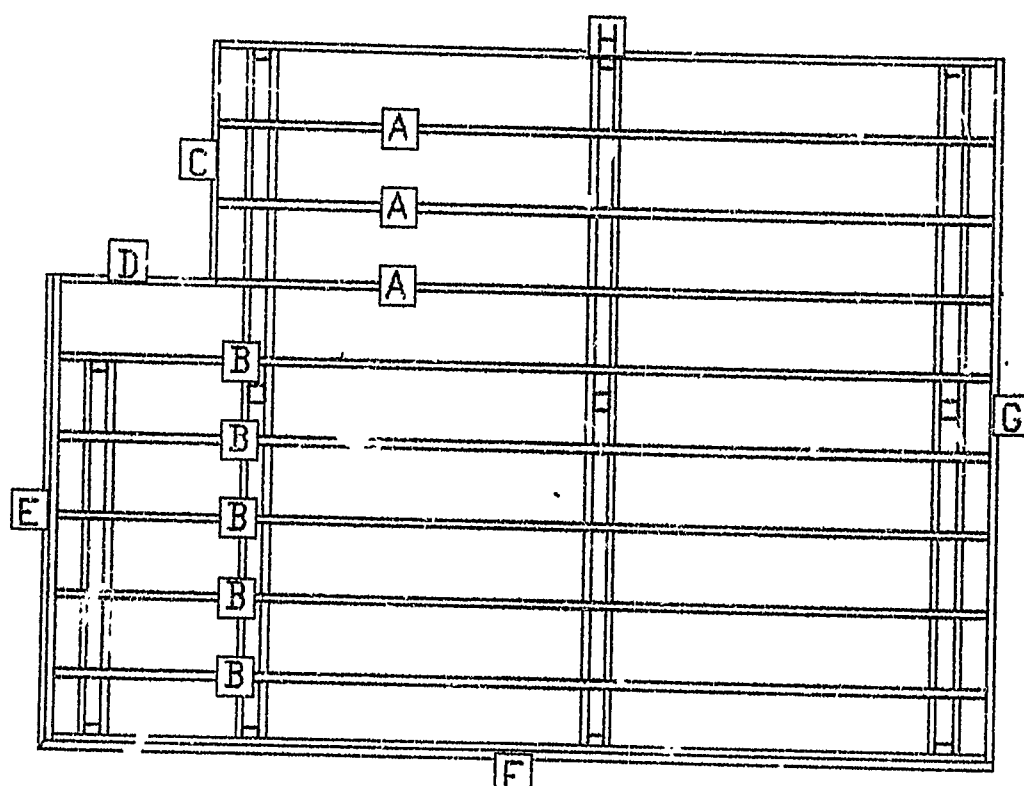
Set joists on top of beams 16' center to center. *upgrade to 2"x10" joists. eliminating some beams.*

Be sure to follow the deck construction detail available from your store salesperson.

Note: The suggested design is not a finished building plan. You are responsible for all measurements being correct, for verifying that this design (and any substitutions or modifications that you make) meets all local building codes and requirements. To verify that the suggested design, and any substitutions or modifications, is consistent with conditions at the construction site, review the design with your architect. Also consult your architect for proper construction and use of materials in the structure.

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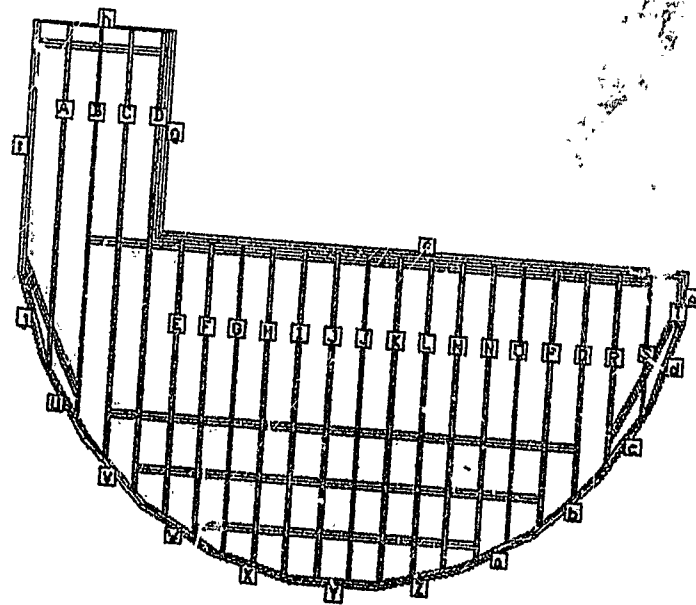
CUT LIST FOR LEVEL 1
 CUSTOMER -- J M K
 DATE 06/24/94 REF JMK77777



LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A joist (3)	14'3"		E ledger	7'10 1/2"	
B joist (5)	17'1 1/2"		F fascia	17'6"	F45 30
C ledger	4'		F ledger	17'1 1/2"	
D ledger	2'10 1/2"		G ledger	11'10 1/2"	
E fascia	8'	F0 S45	H ledger	14'3"	

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CUT LIST FOR LEVEL 2
 CUSTOMER -- J M K
 DATE 06/24/94 REF JMK77771



LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A Joist	137"	F36 RO	W Ledger	36 5/16"	F75 S75
B Joist	153 1/4"	F35 RO	X Fascia	37 1/16"	F7 S7
C Joist	161"	F42 RO	X Ledger	46 5/8"	F75 S75
D Joist	171 5/8"	F42 RO	Y Fascia	37 1/16"	F7 S7
E Joist	1810 7/15"	F28 RO	Y Ledger	36 5/16"	F75 S75
F Joist	187 1/2"	F39 RO	Z Fascia	37 1/16"	F7 S7
G Joist	191 7/8"	F14 RO	Z Ledger	46 5/8"	F75 S75
H Joist	195 15/16"	F14 RO	a Fascia	37 1/16"	F7 S7
I Joist	198 15/16"	F14 RO	a Ledger	36 5/16"	F75 S75
J Joist	1210 11/16"	F14 RO	b Fascia	37 1/16"	F7 S7
K Joist	1210 9/16"	F14 RO	b Ledger	46 5/8"	F73 S75
L Joist	126 5/16"	F14 RO	c Fascia	37 1/16"	F7 S7
M Joist	122 1/4"	F14 RO	c Ledger	36 5/16"	F75 S75
N Joist	127 7/8"	F28 RO	d Fascia	37 1/16"	F7 S9
O Joist	1311 1/4"	F28 RO	d Ledger	4 5/16"	F75 S70
P Joist	137 1/2"	F42 RO	e Fascia	2"	F8 S45
Q Joist	140 7/8"	F42 RO	e Ledger	21 1/16"	F70 S0
R Joist	79"	F56 RO	f Fascia	227 1/2"	F45 S45
S Joist	55 3/4"	F58 RO	f Ledger	226"	
T Joist	2 13/16"	F70 RO	g Fascia	61 1/2"	F45 S0
U Fascia	37 1/16"	F7 S7	g Ledger	61 1/2"	
U Ledger	36 5/8"	F75 S75	h Ledger	59"	
Y Fascia	37 1/16"	F7 S7	i Fascia	10"	F0 S9
Y Ledger	46 5/8"	F75 S75	i Ledger	1072 9/16"	F0 S70
V Fascia	37 1/16"	F7 S7	J Fascia	37 1/16"	F8 S7
			J Ledger	4 5/16"	F70 S75

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