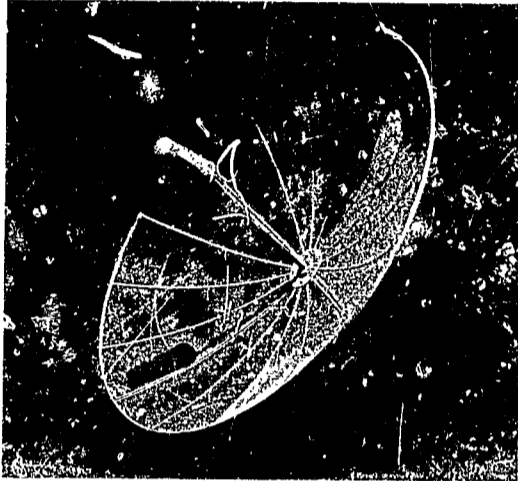
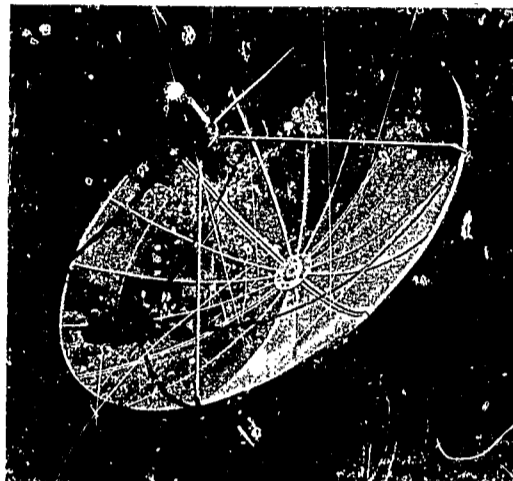


## FEATURES AND SPECIFICATIONS



**Buttonhook Feed Support System**  
Models QD-1000, MT-1075 and BF-0100



**Quad Feed Support System**  
Models QD-1000, MT-1075 and QF-2200

### Antenna Features (Model QD-1000)

- Four-piece construction pre-assembled design with 10' rolled expanded mesh in place for fast easy installation.
- 20 extruded support ribs formed to accurate parabolic curve for clean, smooth appearance.
- Inner support ring for more uniform stress distribution.
- 10 gauge center plate
- Quad feed support system.
- Optional buttonhook feed support system.
- 7 gauge buttonhook support plate for greater stability in high wind areas.
- Easy to reach up-front buttonhook adjustment.
- Small diamond-shape rolled, expanded mesh for unmatched performance on C-and Ku-band and precision surface tolerance, 38% open.\*
- Completely sealed with seven-step thermoset smoked chrome powder coat finish for maximum UV and weather protection.
- Rust-resistant fasteners.
- Shroud included for protection of electronics.
- Antenna individually packaged.
- Appearance unmatched by any other antenna at this price.

\*Exceeded only by Winegard Pinnacle® quality.

### Five-Year Limited Warranty on Antennas and Mounts

New warranty covers paint and damage caused from winds up to hurricane force for a period of five (5) years from date of purchase after June 1, 1990.

### Antenna Specifications (Model QD-1000)

Reflector Diameter: 79' (3 Meters)  
Hole Size: Diamond: .155" x .100"  
Frequency Range:  
C-Band 3.7-4.2GHz  
Ku-Band 10.9-12.7GHz  
Gain:  
C-Band 40.0dB  
Ku-Band 48.0dB at 12GHz  
F/D Ratio: 0.35  
Feed Type: Prime Focus  
Depth: 21 1/2" Focal Length: 41"  
Gauge: .032" Expanded Aluminum  
Operating Temperature: -40°F to +140°F  
Finish: Smoked Chrome Powder Coat  
Shipping Weight: 78 lbs. (Reflector)  
Carton Size (Pie-shaped):  
68" L x 68" W x 18" D

### Quad Feed Support (QF-2200)

- Precision-formed leg ends for maximum strength.
- Easy feed centering and focal length adjustment.
- Heavy 12 gauge aluminum tubing.
- Shipping Weight: 7 lbs.
- Carton Size: 76" L x 3 1/2" W x 3 1/2" D

### Buttonhook Support (BF-0100)

- Rugged steel precision welded buttonhook.
- Easy focal length and centering adjustment.
- Shipping Weight: 8 lbs.
- Carton Size: 43 1/2" L x 10 1/2" W x 7" D

### Mount Features (MT-1075)

- Oversize back-up support ring fabricated from 1 1/4" angle iron stock for more stability.
- Eight attachment points for reflector.
- Fully-adjustable declination setting to ensure accurate satellite arc tracking.
- Heavy-duty oil-lite bushings at all pivot points.
- Heavy-duty lock down bolts; collar fits standard 3 1/2" OD ground pipe.
- East or West Coast actuator placement.
- Rust-resistant hardware.
- Maximum UV and weather protection with seven-step, thermoset smoked chrome powder coat finish on all surfaces.
- Preassembled and packed in one carton.
- Shipping Weight: 57 1/2 lbs.
- Carton Size: 32" L x 32" W x 12" D



### Oversize Mount Features (Model OM-1075)

Same as MT-1075 except requires 4 1/2" OD ground pipe, supplied by customer.



Winegard Company • 3000 Kirkwood Street • Burlington, Iowa 52601-2000  
319-754-0500 • FAX 319-754-0787

Printed in U.S.A. ©1992 Winegard Company WC-615 Rev. 8/92

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

Location of Construction: 664 Allen Ave.		Owner: Ken L. and Scot J. M Ilwein		Phone: 878-9334	Permit No: <b>941366</b>
Owner Address: same		Lensee/Buyer's Name:		BusinessName:	
Contractor Name: Self		Address:		Phone:	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>PERMIT ISSUED</b>                  DEC 21 1994                  CITY OF PORTLAND             </div>
Past Use:  Single family with day care for twelve children	Proposed Use:  single family with day care for twelve children with playroom	COST OF WORK: \$ 2,000.00	PERMIT FEE: \$ 30.00	INSPECTION: Use Group: E Type: 5B Signature: <i>[Signature]</i>	
Proposed Project Description:  To finish off existing garage as playroom for day care  12 by 24		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	

Permit Taken By: Latini	Date Applied For: 12/15/94
----------------------------	-------------------------------

1. This permit application doesn't 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..

little or no debris

**PERMIT ISSUED WITH LETTER**

**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 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

*Kenneth McIlwain* 664 Allen Ave Portland 12/15/94  
 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

Zoning Approval: *OK*  
 Conditional Use Appeals *9-1-94*  
 Special Zone or Review(s):  
 Shoreland  
 Wetland  
 Flood Zone  
 Subdivision  
 Site Plan maj  minor  mm

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: *12/19/94*

CEO DISTRICT 7  
*MA. Jordan*

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

Location of Construction: 664 Allen Ave.		Owner: Karen L. and Scott J. McIlwain		Phone: 878-9334		Permit No: 941366	
Owner Address: same		Leasee/Buyer's Name:		Phone:		Business Name:	
Contractor Name: Self		Address:		Phone:		Permit Issued: <b>PERMIT ISSUED</b> DEC 21 1994 5	
Past Use: Single family with day care for twelve children		Proposed Use: single family with day care for twelve children with playroom		COST OF WORK: \$ 2,000.00		PERMIT FEE: \$ 30.00	
Proposed Project Description: To finish off existing garage as playroom for day care 12 by 24		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: E Type: 4/2 Signature: [Signature]		ZONING DEPT. PORTLAND	
Signature:		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied		Signature:		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 major <input type="checkbox"/> minor <input type="checkbox"/> min <input type="checkbox"/>	
Permit Taken By: Karen L. McIlwain		Date Applied For: 12/15/94		Signature:		Date:	

- 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 and stop all work.
- little or no debris**

**PERMIT ISSUED WITH LETTER**

**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 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

*Karen L. McIlwain* 664 Allen Ave. Portland, ME 04101  
 SIGNATURE OF APPLICANT ADDRESS: DATE: 12/15/94 PHONE:

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE PHONE:

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

**PERMIT ISSUED**  
DEC 21 1994 5

**ZONING DEPT. PORTLAND**

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: 12/15/94

CEO DISTRICT [Signature]

COMMENTS

10/25/95 - DHS License / 09/15/94 #0050195 / All work completed  
OK Close no notification

Blank lined area for additional comments.

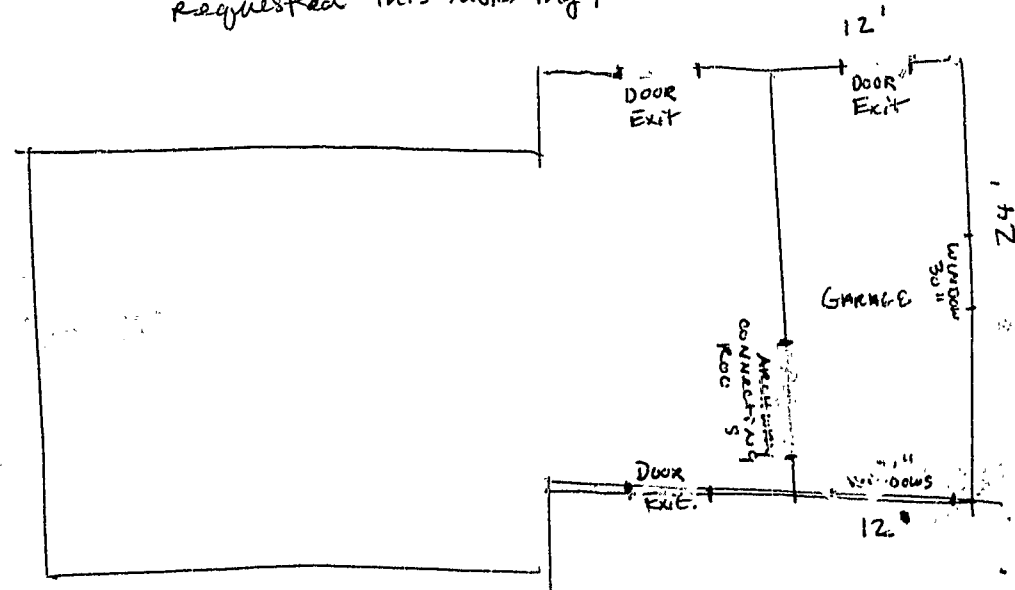
Type	Inspection Record	Date
Foundation:	_____	_____
Framing:	_____	_____
Plumbing:	_____	_____
Final:	_____	_____
Other:	_____	_____

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

Location of Construction: 664 Allen Ave.		Owner: Karen McIlwain		Phone: 797-7054		Permit No:	
Owner Address: same		Leasee/Buyer's Name:		Phone:		BusinessName:	
Contractor Name:		Address:		Phone:		Permit Issued:	
Past Use: single family		Proposed Use: single family with day care for 12 children		COST OF WORK: \$ 25.00 Change of Use \$ 50.00 Appeal		PERMIT FEE: Use	
		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: Type:		Zone: CBL:	
Proposed Project Description: appeal to have day care for 12 children -- no renovations at this time		Signature:		Signature:		Zoning Approval:	
		PEDESTRIAN ACTIVITIES DISTRICT (P.U.D.) Action: Approved <input type="checkbox"/> Approved with Conditions: <input type="checkbox"/> Denied <input type="checkbox"/>		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"/> major <input type="checkbox"/> minor <input type="checkbox"/> mm <input type="checkbox"/>	
1. This permit application doesn't 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..		Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied	
<b>APPEAL SUSTAINED</b> <u>9-1-94</u>		LATINI				Historic Preservation <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review	
<b>CERTIFICATION</b>							
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SIGNATURE OF APPLICANT <i>Karen McIlwain</i>		ADDRESS: 664 Allen Ave Portland, ME		DATE: 8/12/94		PHONE: 797-7054	
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 <input type="checkbox"/>			

To: Mrs Latini

This is the additional information  
requested this morning.



Karen McIlwain  
RE: Building Permit  
664 Allen Ave  
Portland, ME

- Renovating garage to playroom for daycare.
- Garage presently has a rear exit. The garage door will be closed off and replaced with 90" of windows. The new playroom will be adjacent to another room with both front and back exits.

**THIS IS NOT A BOUNDARY SURVEY**

**INSPECTION OF PREMISES**

I HEREBY CERTIFY TO CLASSIC TITLE, HEREFEST MORTGAGE AND AS TITLE INSURER

The monumentation is cast in harmony with current deed description.

The building setbacks are cast in conformity with town zoning requirements.

The land and east the dwelling do not appear to fall within the special flood hazard zone as delineated by the Federal Emergency Management Agency.

664 ALLEN AVE  
PORTLAND, MAINE

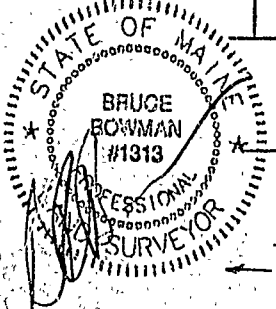
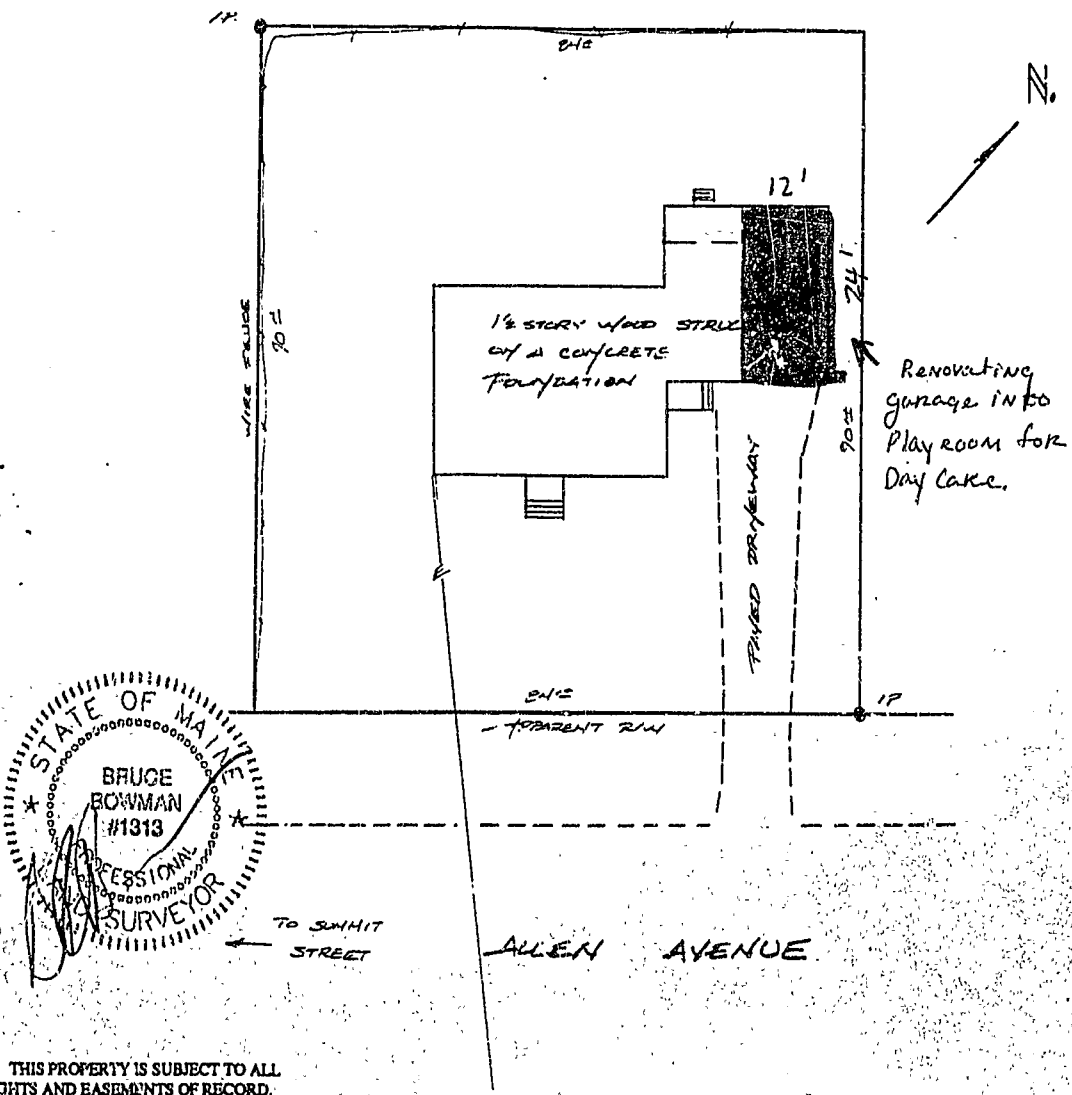
Job Number: 159-16

Inspection Date: 11/3-91

Scale: 1" = 20'

BUYER: KAREN L AND SCOTT J McILWAIN

SELLER: RICHARD W BERRY



THIS PROPERTY IS SUBJECT TO ALL RIGHTS AND EASEMENTS OF RECORD. THOSE THAT ARE EVIDENT ARE SHOWN. THIS PLAN MIGHT NOT REVEAL CONFLICTS WITHIN ABUTTING DEEDS.

BRUCE R. BOWMAN, INC.  
20 Forest Avenue  
Cumberland, Maine  
Phone: (207)829-3959

PLAN BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ LOT \_\_\_\_\_  
DEED BOOK 9574 PAGE 220 COUNTY CUMBERLAND

**THIS PLAN IS NOT FOR RECORDING** Drawn by: JC

Inspection Services  
Samuel P. Hoffses  
Chief



Planning and Urban Development  
Joseph E. Gray Jr.  
Director

CITY OF PORTLAND

December 21, 1994

Ken & Scot McIlwain  
664 Allen Ave  
Portland, ME 04103

Re: 664 Allen Ave

Dear Sirs,


Your application to finish off existing garage (12 x 24) as playroom for daycare has been reviewed and a permit is herewith issued subject to the following requirements: This permit doesn't preclude the applicant from meeting applicable State and Federal laws.

No Certificate of Occupancy can be issued until all requirements of this letter are met.

1. A fire protective signaling system shall be of an approved type and shall be installed in accordance with the provisions of the Building Code and NFPA 72.
2. A portable fire extinguisher shall be installed in accordance with NFPA 10.

If you have any questions regarding these requirements, please do not hesitate to contact this office

Sincerely,

  
P. Samuel Hoffses  
Chief of Inspection Services

cc: Lt Mc Dougal, Fire Prevention Bureau



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

Location of Construction: 664 Allen Ave.		Owner: Karen L. and Scott J. McIlwain	Phone: 878-9334	Permit No: 941366
Owner Address: 664 Allen Ave.	Leasee/Buyer's Name:	Phone:	Business Name:	
Contractor Name: Self	Address:	Phone:	Permit Status: <b>PERMIT ISSUED</b> DEC 21 1994	
Past Use: Single family with day care for twelve children	Proposed Use: single family with day care for twelve children with playroom	COST OF WORK: \$ 2,000.00	PERMIT FEE: \$ 39.00	CITY OF PORTLAND
		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: E Type: 4/2	
Proposed Project Description: To finish off existing garage as playroom for day care 12 by 24		Signature: [Signature]		Zoning Approval: PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)
Permit Taken By: Karen L. McIlwain		Date Applied For: 12/15/94		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"/>

- 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.
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- little or as fabric

**PERMIT ISSUED WITH LETTER**

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Signature of Applicant: *Karen L. McIlwain* ADDRESS: 664 Allen Ave Portland DATE: 12/15/94 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

Action:  
 Approved  
 Approved with Conditions  
 Denied  
Date: [Signature]

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

CEO DISTRICT [Signature]

COMMENTS

10/25/95 - DHS License / 09/15/94 #0050175 / All work completed  
OK Close no notification

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

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

Location of Construction: 664 Allen Ave.		Owner: Karen McIlwain		Phone: 797-7054		Permit No:	
Owner Address: same		Leasee/Buyer's Name:		Business Name:		Permit Issued:	
Contractor Name:		Address:		Phone:		Zone: CBL:	
Past Use: single family		Proposed Use: single family with day care for 12 children		COST OF WORK: \$ 25.00 Change of Use \$ 50.00 Appeal		PERMIT FEE: \$	
Proposed Project Description: appeal to have day care for 12 children -- no renovations at this time		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: Type:		Zoning Approval:	
		Signature: _____		Signature: _____		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"/>	
		Action: Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied <input type="checkbox"/>		Signature: _____		Date: _____	

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**APPEAL SUSTAINED** 9-1-94 LATINI

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Karen McIlwain 664 Allen Ave Portland, ME 8/12/94 797-7054  
SIGNATURE OF APPLICANT ADDRESS: DATE: PHONE:

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE PHONE:

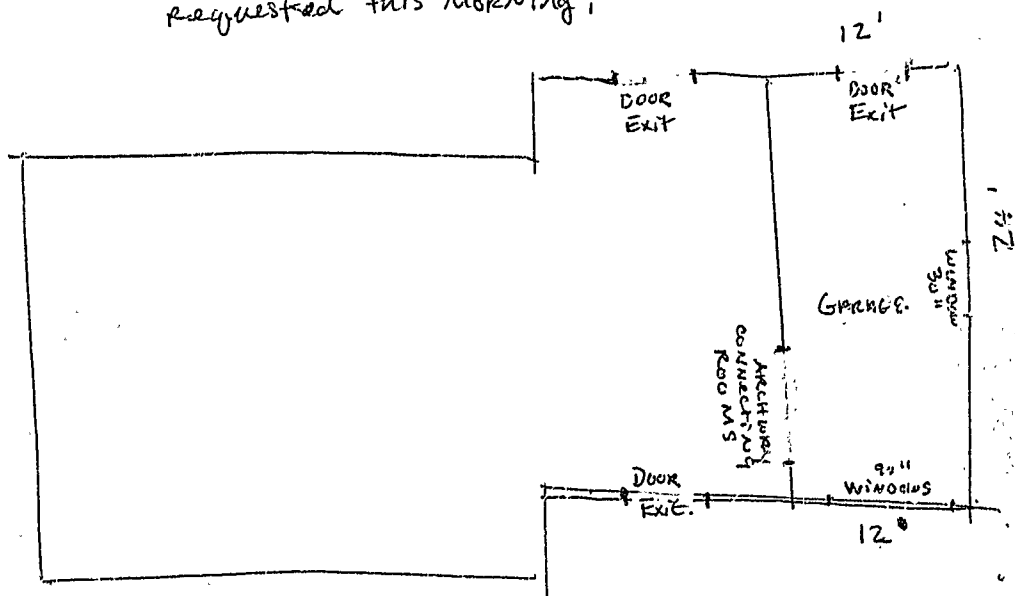
White-Permit Desk Green-Assessor's Canary-D.P.W. Pink-Public File Ivory Card-Inspector

CEO DISTRICT

- 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: \_\_\_\_\_

To: Mrs Latini

This is the additional information requested this morning.



Karen McIlwain  
Re: Building Permit  
664 Allen Ave  
Portland, ME

- Renovating garage to playroom for day care.
- Garage presently has a rear exit. The garage door will be closed off and replaced with 90" of windows. The new playroom will be adjacent to another room with both front and back exits.

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664 ALLEN AVE  
PORTLAND, MAINE

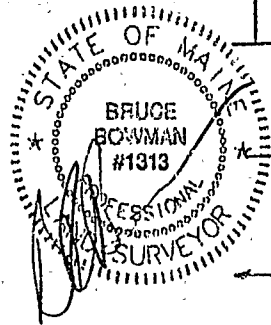
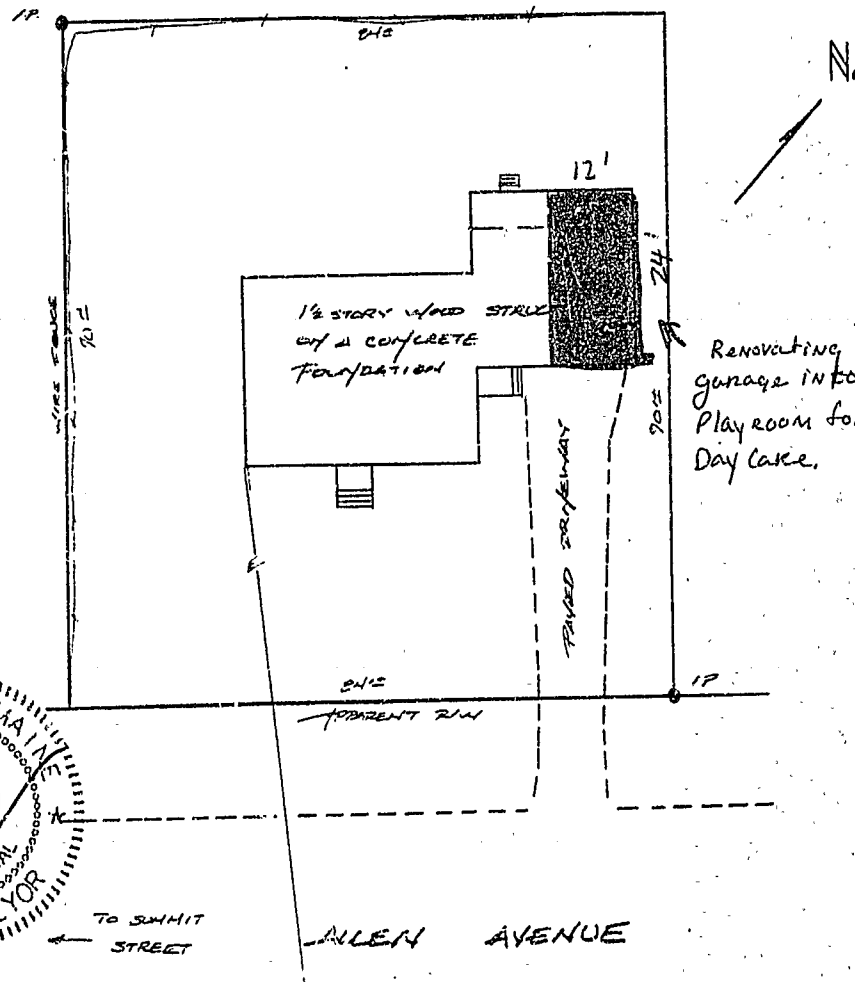
Job Number: 159-10

inspection Date: 11/13-91

Scale: 1" = 20'

BUYER: KAREN L AND SCOTT J McILWAIN

SELLER: RICHARD W BERRY



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BRUCE R. BOWMAN, INC.  
20 Forest Avenue  
Cumberland, Maine  
Phone: (207)829-3959

PLAN BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ LOT \_\_\_\_\_  
DEED BOOK 4574 PAGE 220 COUNTY CUMBERLAND

**THIS PLAN IS NOT FOR RECORDING**

Drawn by: JK

Inspection Services  
Samuel P. Hoffses  
Chief



Planning and Urban Development  
Joseph E. Gray Jr.  
Director

CITY OF PORTLAND

December 21, 1994

Ken & Scot McIlwain  
664 Allen Ave  
Portland, ME 04103

Re: 664 Allen Ave

Dear Sirs,

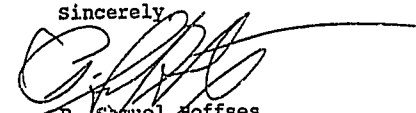
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Sincerely,

  
P. Samuel Hoffses  
Chief of Inspection Services

cc: Lt Mc Dougal, Fire Prevention Bureau