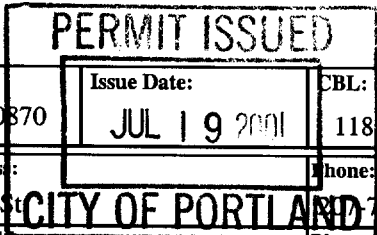


City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716



| | | |
|-----------------------|----------------------------|---------------------|
| Permit No: 01-0870 | Issue Date: JUL 19 2001 | CBL: 118 A002001 |
|-----------------------|----------------------------|---------------------|

| | | | |
|---|---------------------------------|---|----------------------|
| Location of Construction: 0 Longfellow St (2B Hollowell) | Owner Name: Finn Ruth H | Owner Address: 28 Holwell St | Phone: 774-0916 |
| Business Name: | Contractor Name: Pals, Frank | Contractor Address: 194 Margaret Street South Portland | Phone: 2077993014 |
| Lessee/Buyer's Name | Phone: | Permit Type: Additions - Dwellings | Zone: |

| | | | | |
|---|--|--|---|--------------------|
| Past Use: single family home | Proposed Use: single family home with 16' x 18' addition and 15' x 16' deck | Permit Fee: \$306.00 | Cost of Work: \$46,500.00 | CEO District: 2 |
| Proposed Project Description: 16' x 18' addition on left rear of house, adding new bathroom, and 15' x 16' deck on rear of house | | FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <i>N/A</i> | INSPECTION: Use Group: <i>R3</i> Type: <i>SB</i> <i>BOCA 1999</i> | |

| | |
|--|-----------------------------|
| Signature: | Signature: <i>T. Munson</i> |
| PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) | |
| Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied | |
| Signature: <i>N/A</i> | Date: |

| | | | |
|-------------------------|---------------------------------|------------------------|--|
| Permit Taken By: dgc | Date Applied For: 07/18/2001 | Zoning Approval | |
|-------------------------|---------------------------------|------------------------|--|

| | | | |
|---|--|--|---|
| <ol style="list-style-type: none"> This permit application does not 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.. | 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"/> Date: <i>7/19/01</i> | 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 Date: <i>7/19/01</i> | Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: <i>7/19/01</i> |
| | <i>N/A</i> | | |

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 provision of the code(s) applicable to such permit.

| | | | |
|---|---------|------|-------|
| SIGNATURE OF APPLICANT | ADDRESS | DATE | PHONE |
| RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE | | DATE | PHONE |

9/19/01 Appears footing & foundation poured w/o benefit of inspection - Checked setbacks - ok - Crawl space viewed from main house - 2x12 floor joists, lowered vents. Framing ok - has Egress door off BR. OK to close JB

Martin & Son plumbing (need to see test)

9/25 - Verified w/ Arthur Rowe test on - ok to continue JB

All Purpose Building Permit Application

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: 28 Holwell St. Portland ME

| | |
|---|---|
| Total Square Footage of Proposed Structure <u>288</u> | Square Footage of Lot 1188 <u>10,902</u> |
|---|---|

| | | |
|---|---------------------------------|-----------------------------------|
| Tax Assessor's Chart, Block & Lot ¹⁶⁵⁴⁸ Chart# <u>118</u> Block# <u>A</u> Lot# <u>2</u> | Owner: <u>MRS. RUTH FINN</u> | Telephone: <u>207-774-0916</u> |
|---|---------------------------------|-----------------------------------|

| | | |
|-------------------------------------|--|---|
| Lessee/Buyer's Name (If Applicable) | Applicant name, address & telephone: <u>FRANK PALYS</u> <u>194 MARGARET ST.</u> <u>SOUTH PORTLAND ME.</u> | Cost Of Work: \$ <u>46,500.-</u> Fee: \$ |
|-------------------------------------|--|---|

Current use: PRIVATE HOME 207-799-3014

If the location is currently vacant, what was prior use: _____

Approximately how long has it been vacant: _____

Proposed use: _____

Project description: NEW BEDROOM ADDITION TO EXISTING HOME
NEW BATHROOM IN CURRENT HOME
NEW DECK ATTACHED TO NEW ADDITION

Contractor's name, address & telephone: FRANK PALYS
194 MARGARET ST.

Who should we contact when the permit is ready: SOUTH PORTLAND ME

Mailing address: 207-799-3014

SAME Phone: SAME

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work 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: <u>Frank Paly</u> | Date: <u>07-18-01</u> |
|---|-----------------------|

This is not a permit, you may not commence ANY work until the permit is issued

Applicant: Frank Palys for Ruth Finn Date: 7/18/01
Address: 28 Holwell C-B-L: 118-A-2

CHECK-LIST AGAINST ZONING ORDINANCE

Date - 7/18/01

Zone Location - R5

Interior or corner lot - Corner

Proposed Use/Work - Single Family Home with Bedroom & Bathroom

Sewage Disposal - Public

Lot Street Frontage - 50' req

Front Yard - 20' req

Rear Yard - 20' req

Side Yard - on side of, 15', side yard 8'

Projections -

Width of Lot -

Height -

Lot Area - 6000' req

Lot Coverage/ Impervious Surface - $2258 + 1298 = 2786$

Area per Family -

Off-street Parking -

Loading Bays -

Site Plan -

Shoreland Zoning/ Stream Protection - N/A

Flood Plains - N/A

Sec. 14-428. Corner lots.

In case a dwelling house has its front yard upon the long side of a corner lot, the rear yard may be reduced to a depth not less than the width required for a side yard on the lot, provided the aggregate of the widths of both sides and depths of front and rear yards is not less than the similar aggregate of required dimensions of all yards required if the front yard were faced on the short side of the lot.

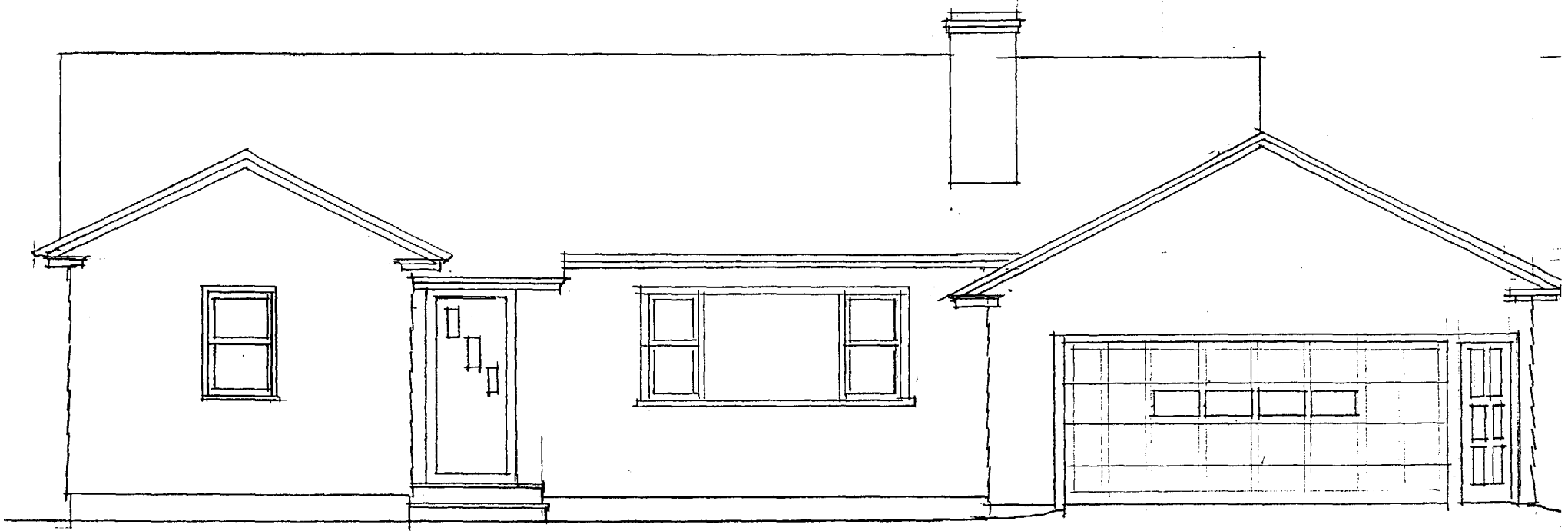
(Code 1968, § 602.19.G)

Existing facing long side- aggregate of yards Required setbacks if facing on short side

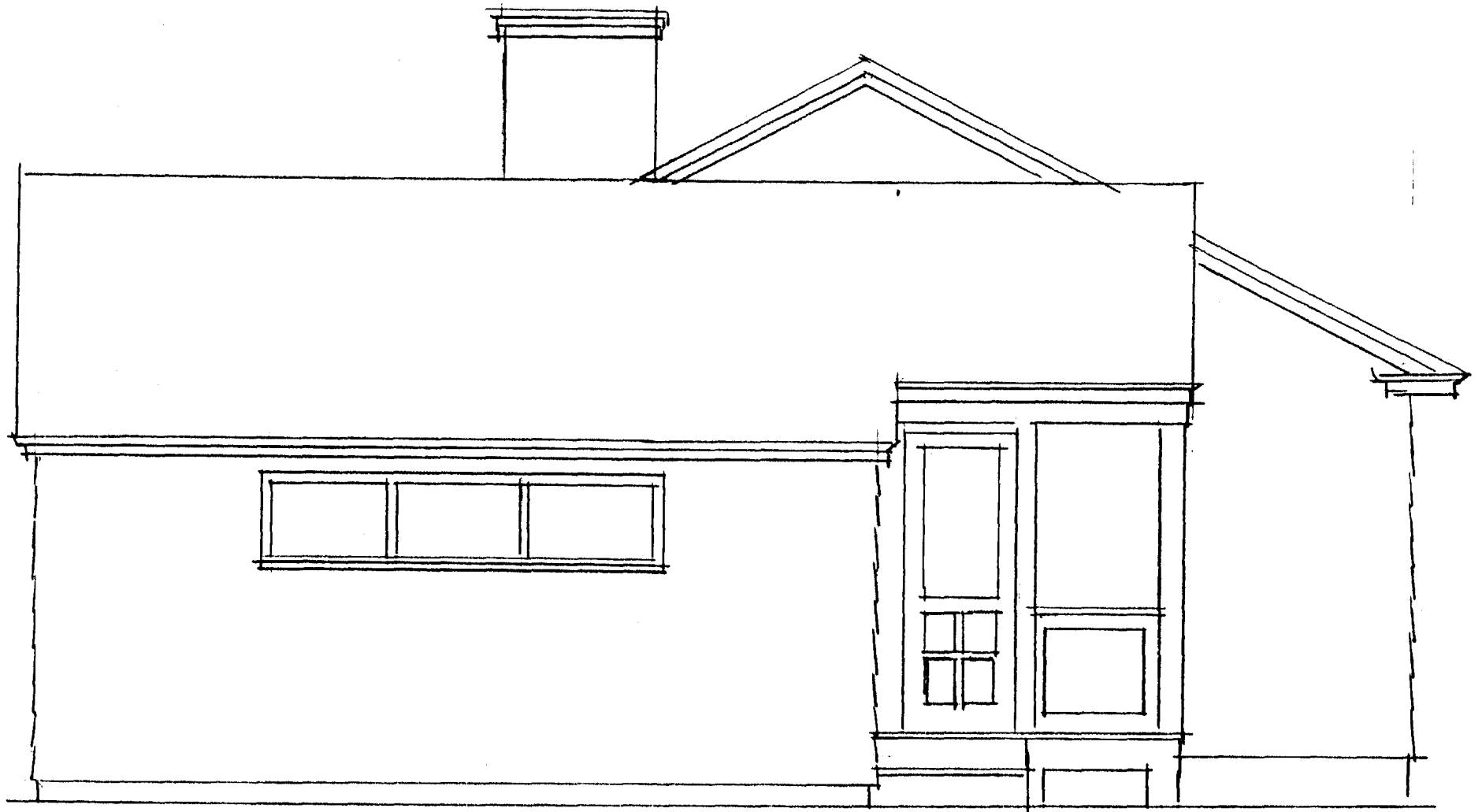
| | |
|------------------------|-----------------------|
| Front yard 24 feet | Front yard 20 feet |
| Rear yard 9 feet | Rear yard 20 feet |
| Side yard -rt 21 feet | Side yard -rt 15 feet |
| Side yard -lft 25 feet | Side yard -lft 8 feet |

TOTALS 79 feet is greater than 63 feet

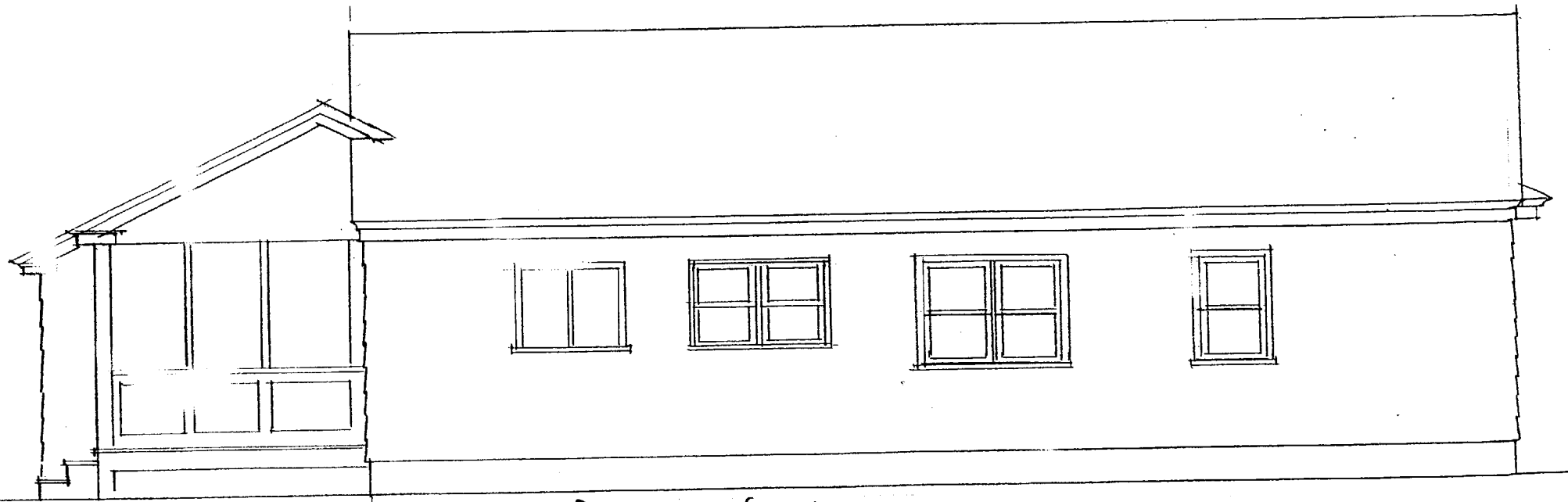
28 Holwell St.
Portland, ME
04103



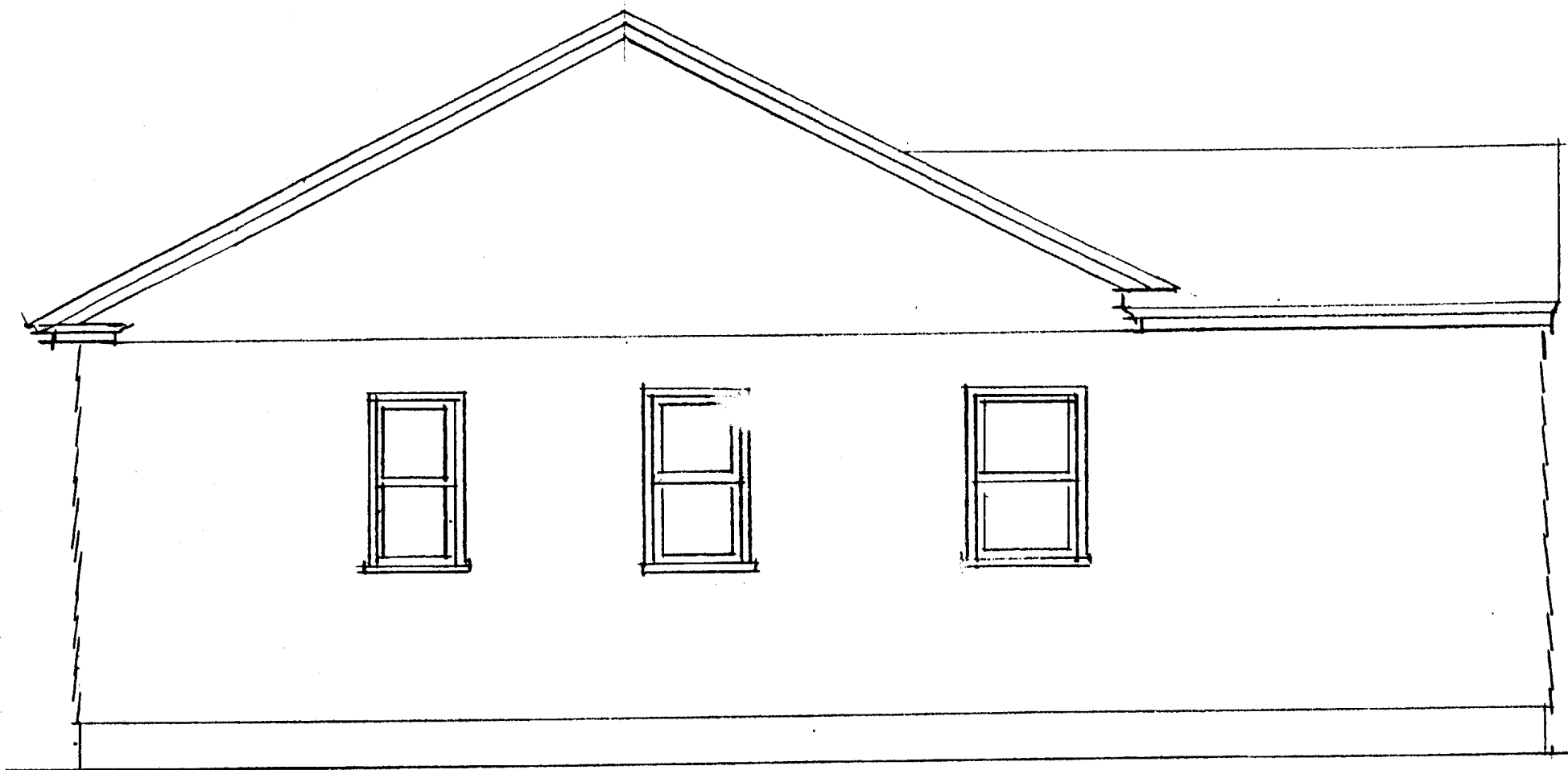
FRONT VIEW FACING HOLWELL ST.



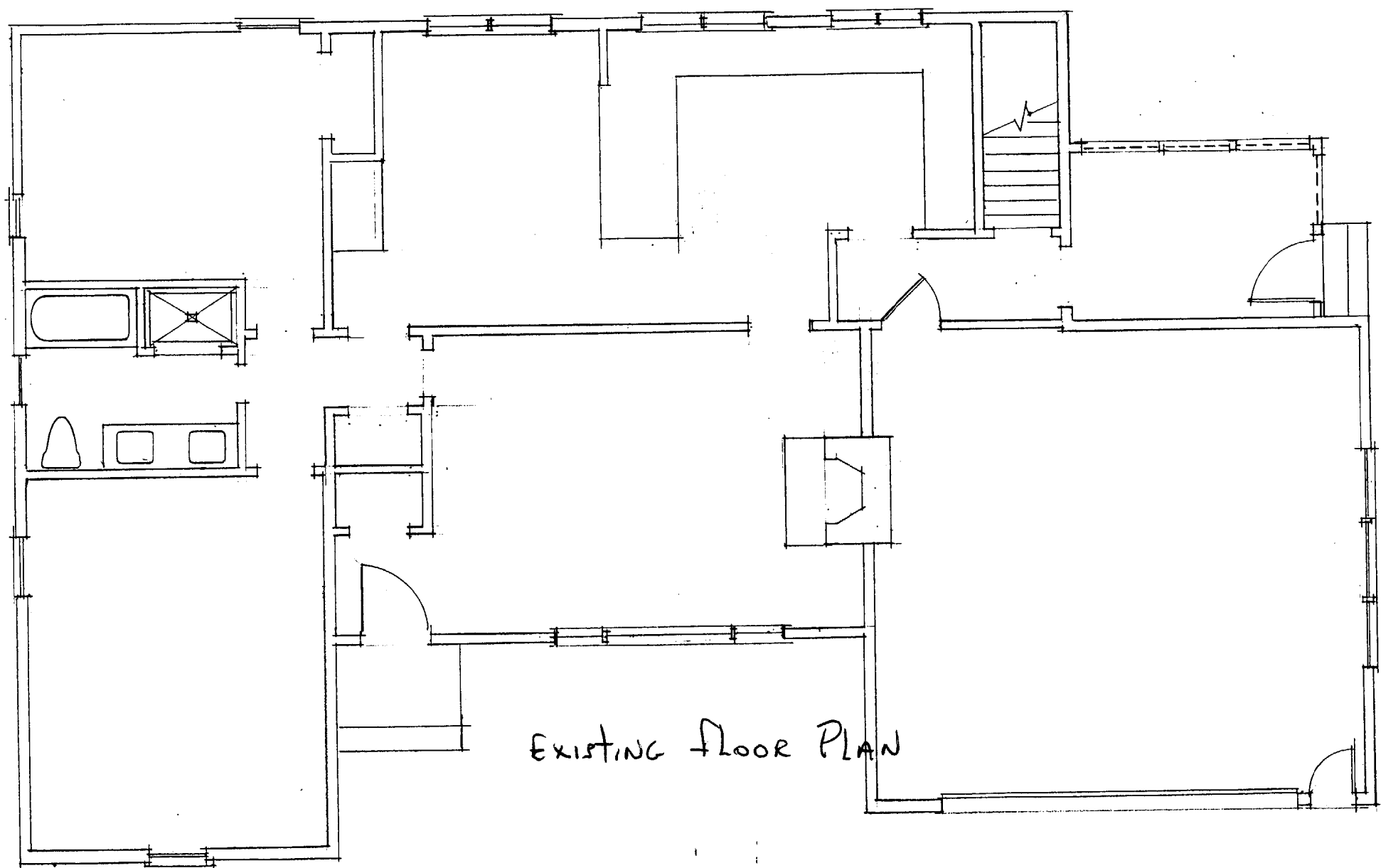
SIDE VIEW FACING LONGFELLOW ST.



REAR VIEW

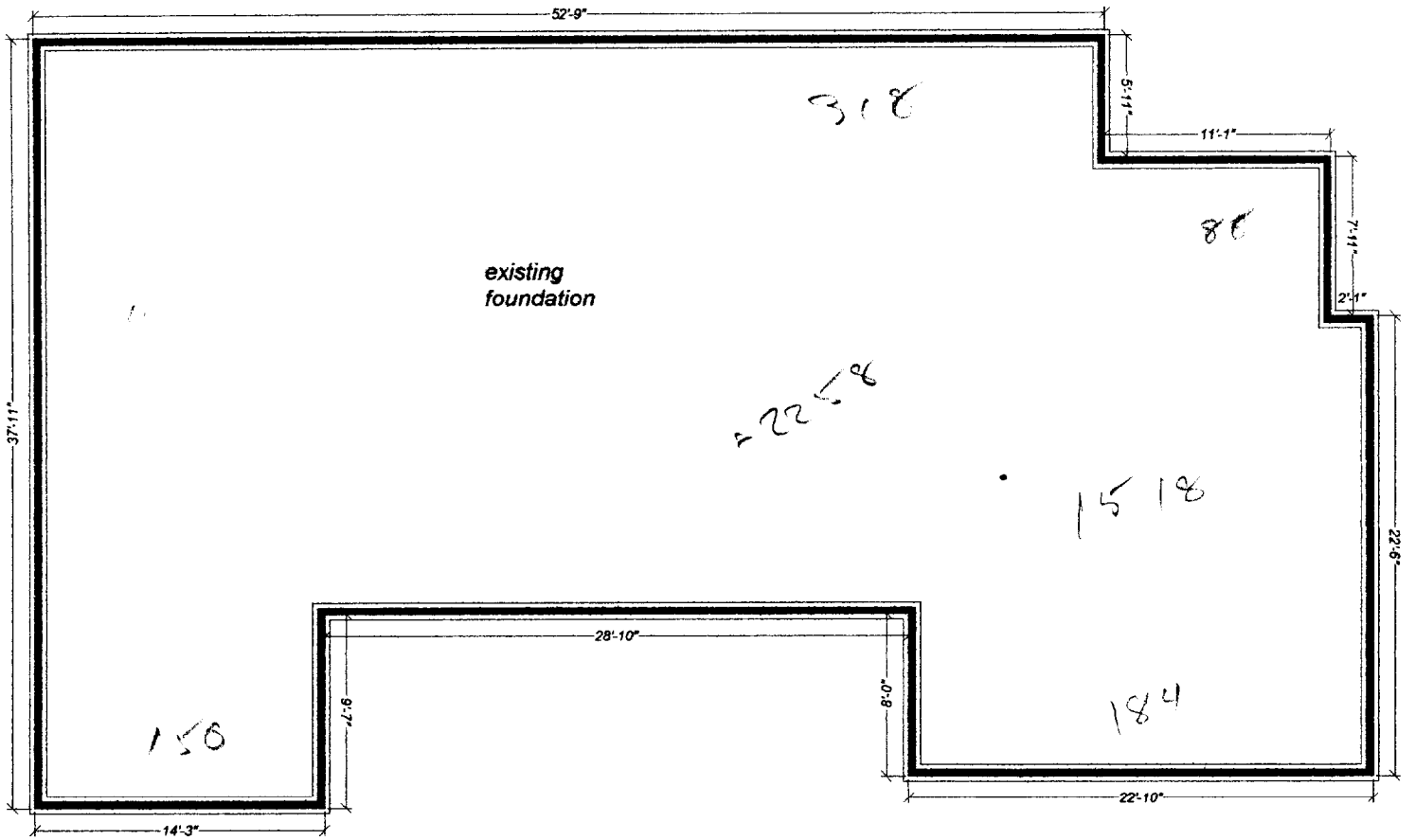


SIDE VIEW

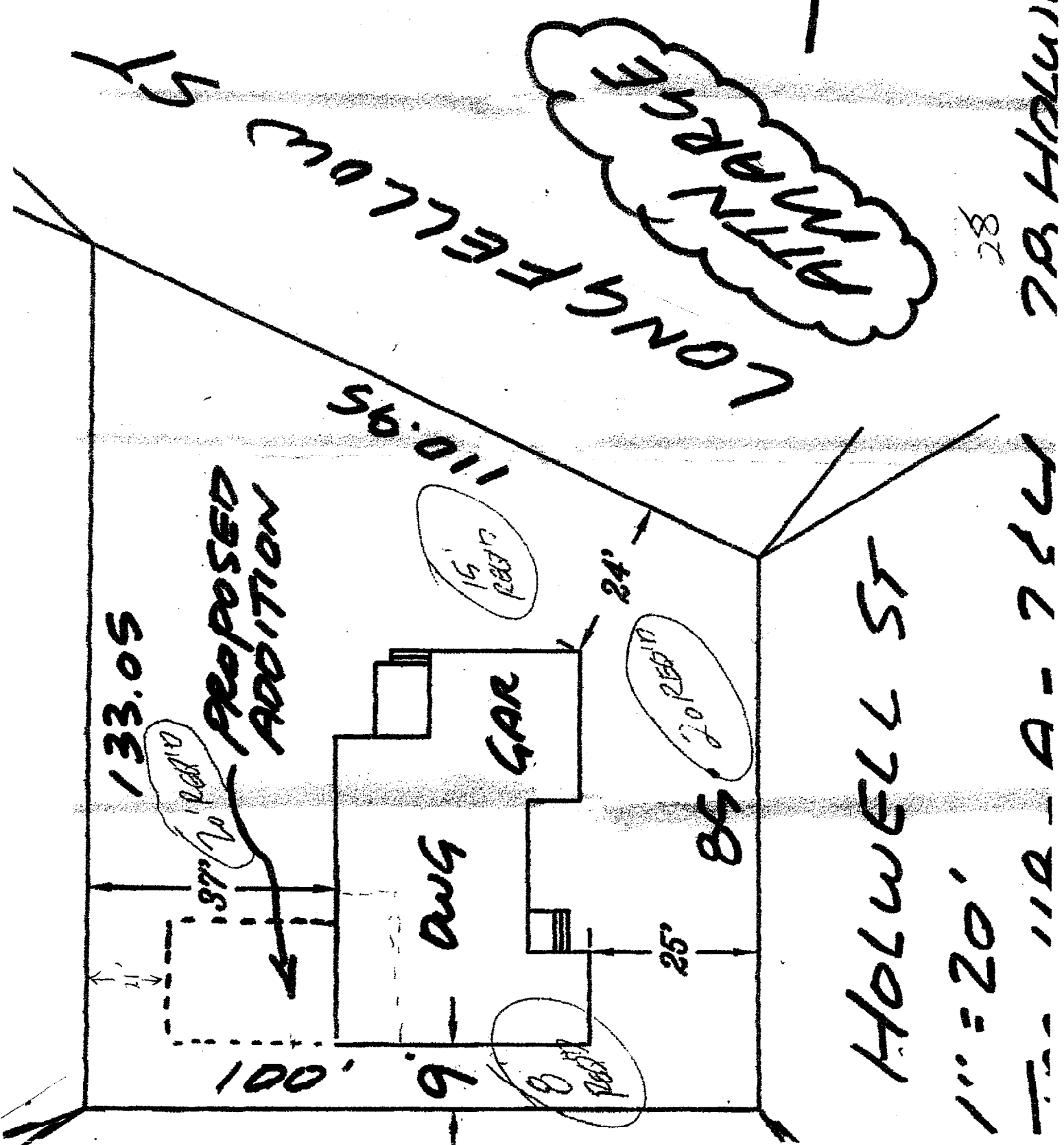


EXISTING FLOOR PLAN

28 Holwell St
Portland, ME

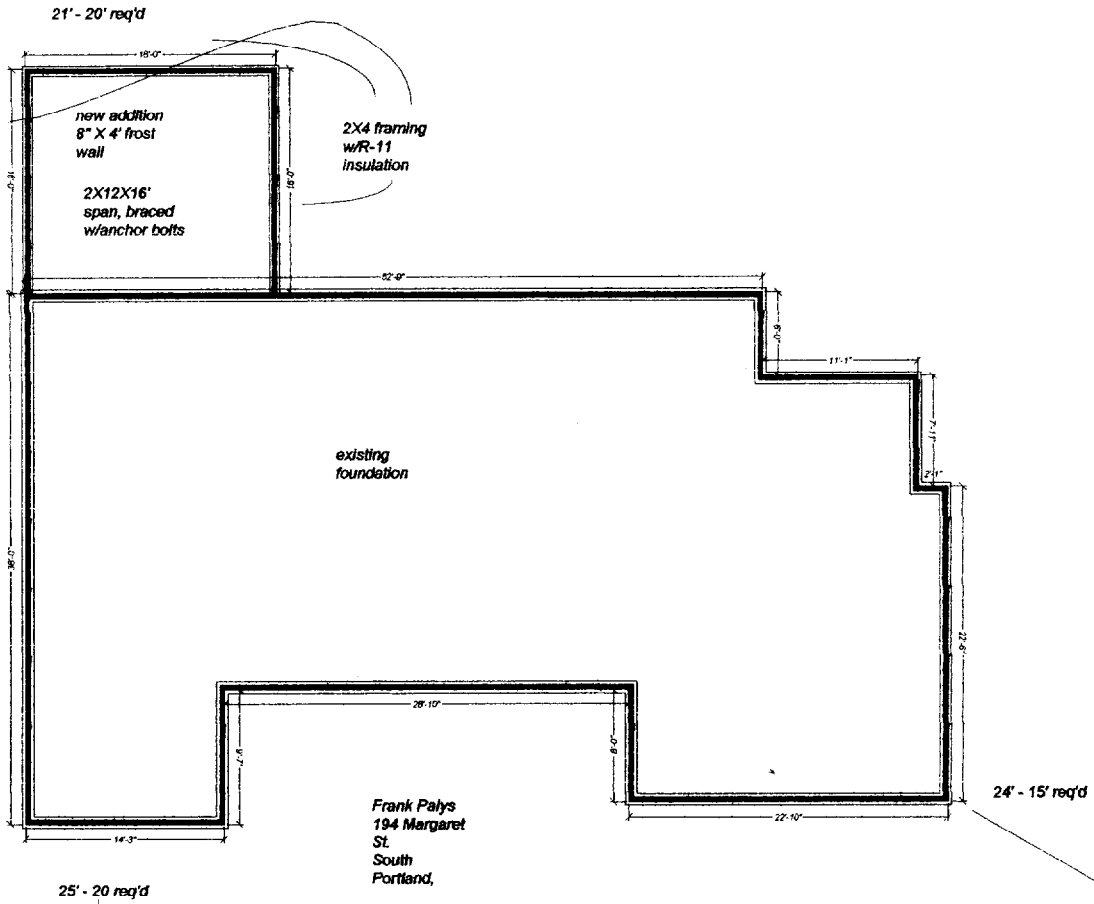


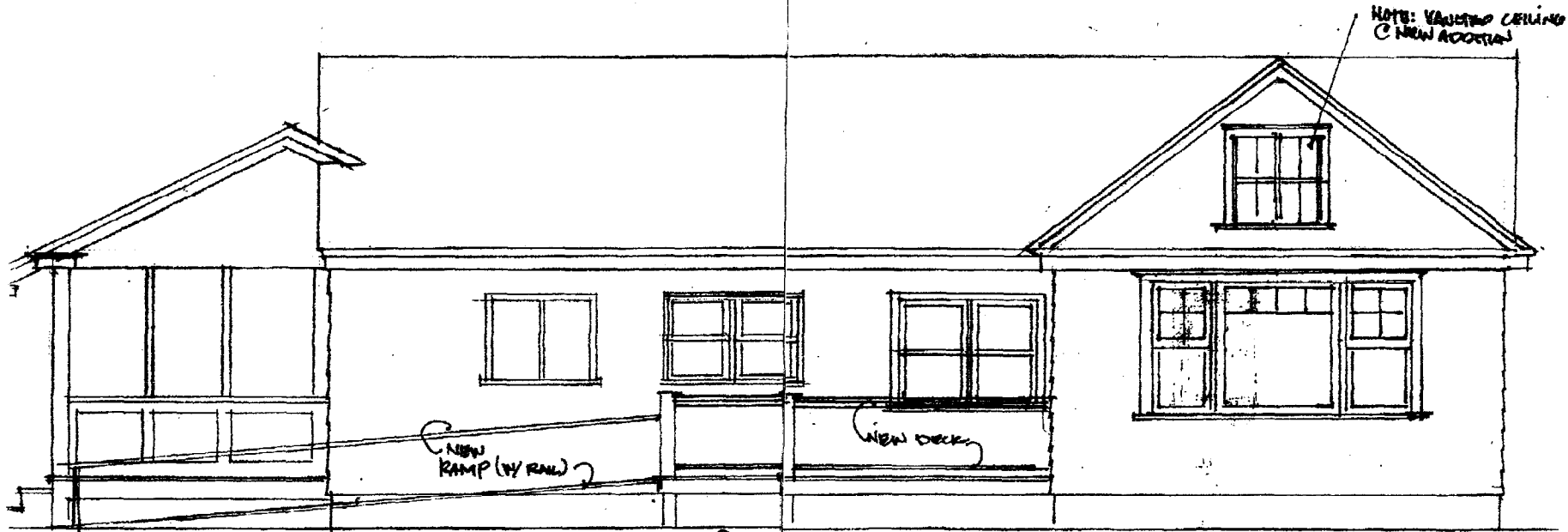
1-4-01 HOW MUCH OF A SETBACK IS REQUIRED IN REAR FOR THIS CORNER LOT.



28 Hotwell St
Portland, ME

FOUNDATION
PLAN





STAIRS TO REPLACE RAMP

REAR ELEVATION - PINK RESIDENCE 5/24/01

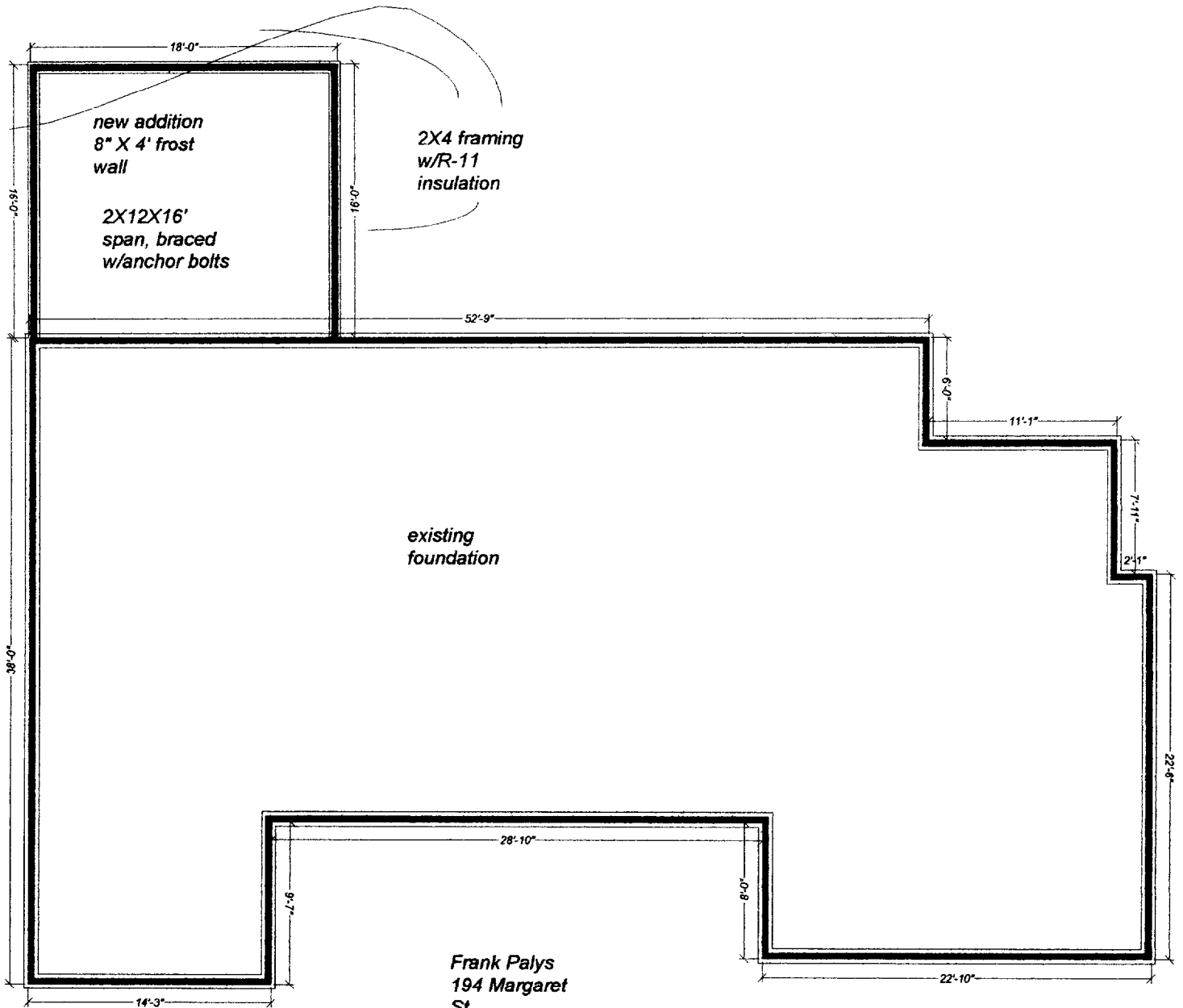
1/4" = 1'-0"

W. FOGAR ARCHITECT

← NEW ADDITION →

28 Holwell St
Portland, ME

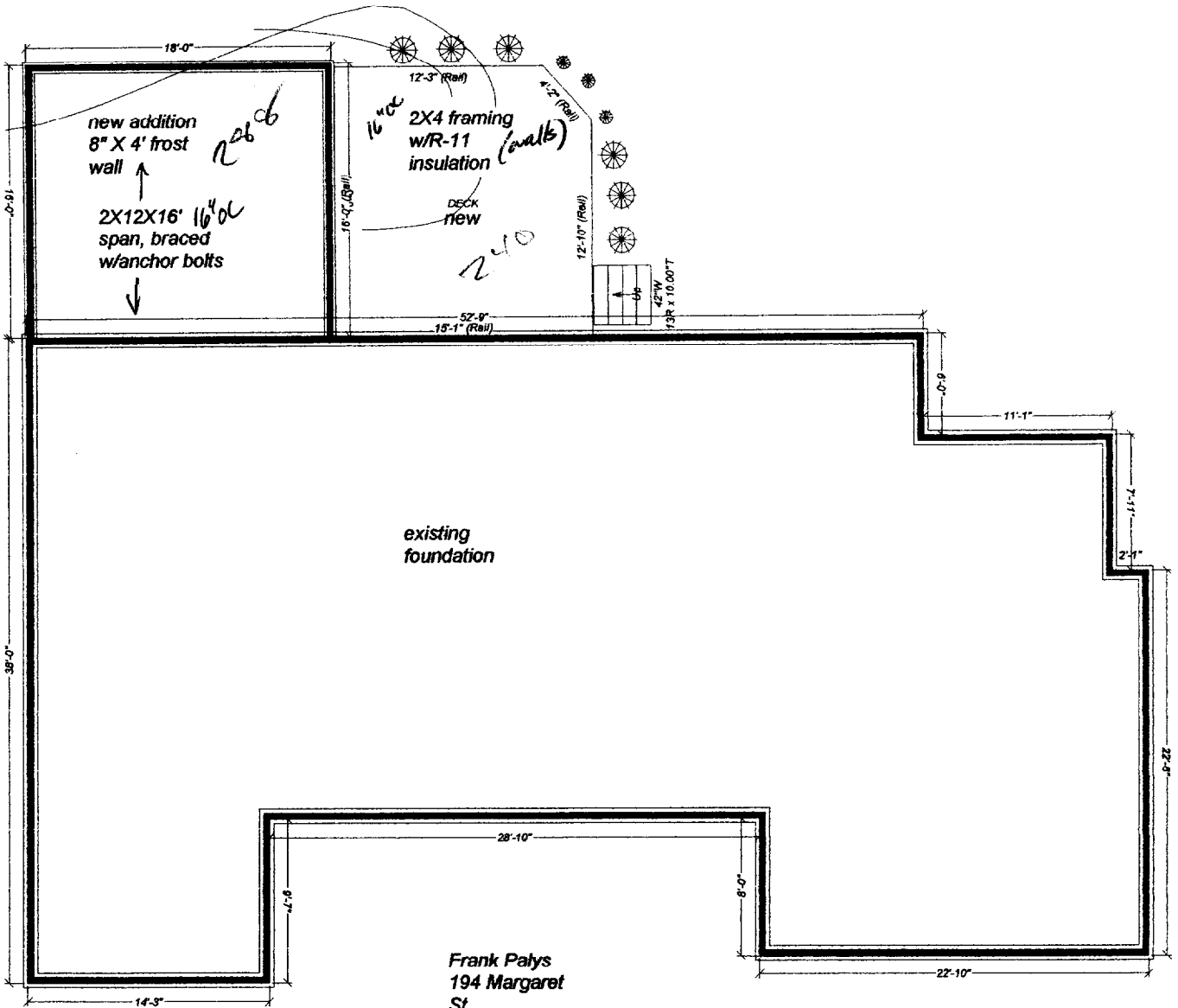
FOUNDATION
PLAN



Frank Palys
194 Margaret
St.
South
Portland,

28 Holwell St
Portland, ME

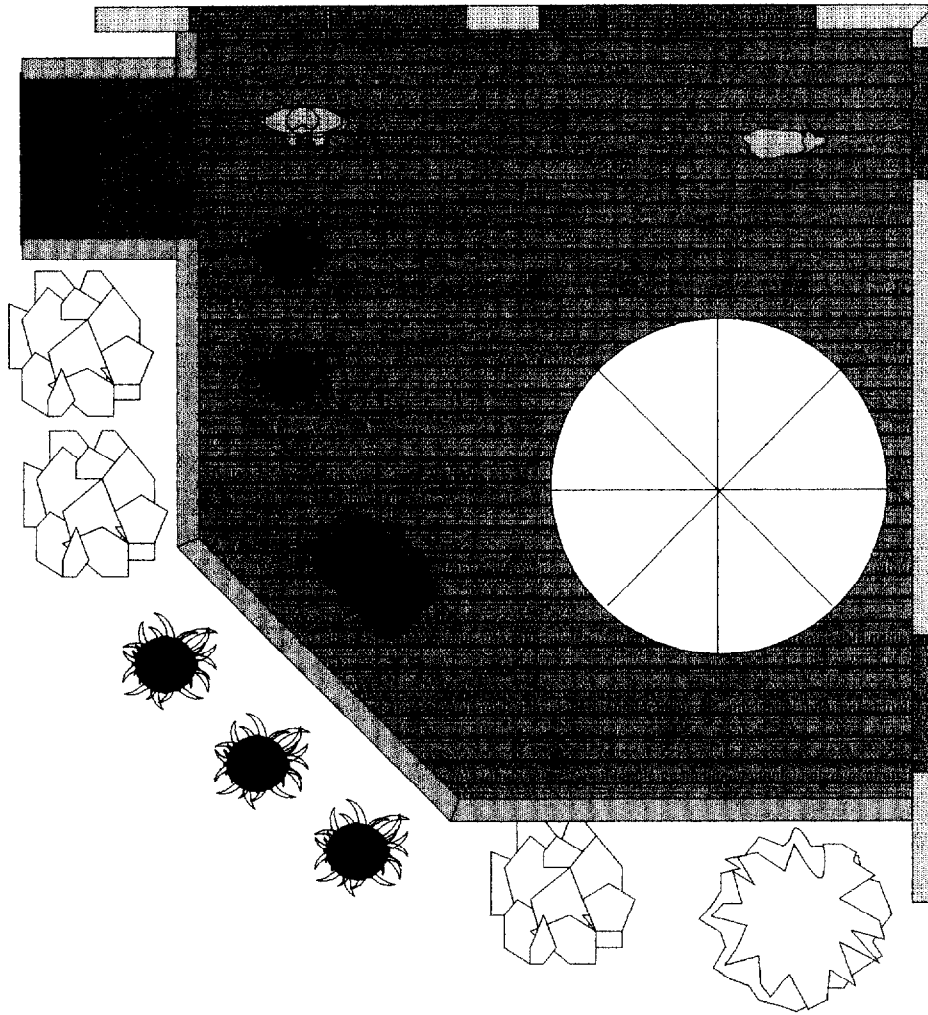
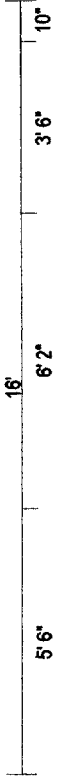
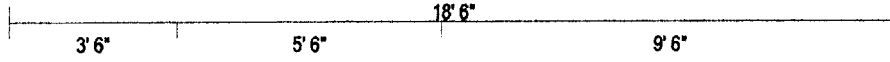
FOUNDATION
PLAN



Frank Palys
194 Margaret
St.
South
Portland,

Top View of Your Deck

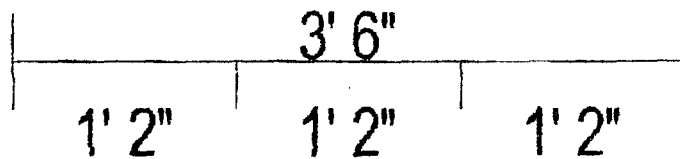
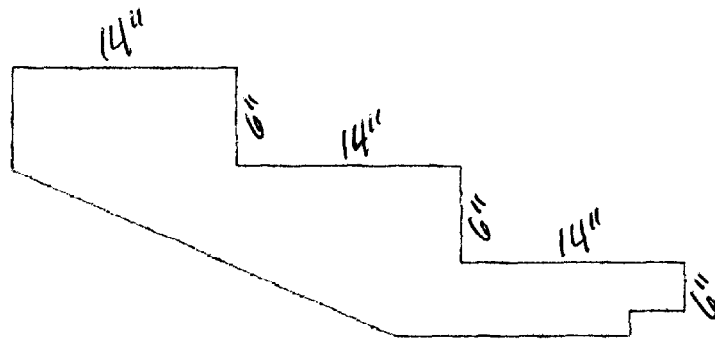
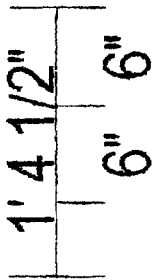
The Scale is 1/4" : 1'



Stringer Layout for Your Stairs

The Scale is 1" : 1'

Stairs will have nosing



These stairs have 4 risers, and are 3' 6 1/4" wide.
The tread depth is 14 3/4", and the riser height is 6".
Your deck is 2' high.

**Frank Palys
194 Margaret St.
South Portland, ME 04106
207 799-3014**

*Material list for
Addition at
28 Holwell St.
Portland, ME 04103*

8" X 4' frost wall
2 X 12 X 16' floor joists, braced, w/anchor bolts 16" OC
2" solid styrofoam in floor
3/4" Avantech sub-floor
2 X 4" wall framing
R-11 insulation in walls
1/2" Avantech wall sheathing
2 X 8" roof rafters w/collar ties at 2' from peak 16" OC
5/8" Avantech roof sheathing
R-19 insulation in roof
2 X 10" door and window headers
Triple 9 1/2" LVL beam at new opening to addition

Deck material: See attached page.

Shopping List

| Qty. | Len. | Description | Usage |
|------|--------|-------------------------------------|--------------|
| 1 | 10' | 5/4x6 No. 1 P.T. SPF | Decking |
| 15 | 16' ** | 5/4x6 No. 1 P.T. SPF | Decking |
| 2 | 12' | 5/4x6 No. 1 P.T. SPF | Decking |
| 2 | 14' | 5/4x6 No. 1 P.T. SPF | Decking |
| 1 | 12' | 2x8 No. 2 P.T. SPF | Joist |
| 9 | 16' ** | 2x8 No. 2 P.T. SPF | Joist |
| 1 | 16' | 2x8 No. 2 P.T. SPF | Ledger |
| 1 | 8' | 2x8 No. 2 P.T. SPF | Rim joist |
| 1 | 16' ** | 2x8 No. 2 P.T. SPF | Rim joist |
| 1 | 10' | 2x8 No. 2 P.T. SPF | Rim joist |
| 1 | 8' | 4x8 No. 2 P.T. SPF | Beam |
| 1 | 16' ** | 4x8 No. 2 P.T. SPF | Beam |
| 1 | 6' * | 4x4 No. 2 P.T. SPF | Post |
| 3 | 8' | 2x8 No. 1 P.T. SPF | Tread |
| 1 | 8' | 2x12 No. 2 P.T. SPF | Stringer |
| 1 | 6' * | 2x12 No. 2 P.T. SPF | Stringer |
| 1 | 6' * | 2x4 No. 2 P.T. SPF | Thrust block |
| 1 | 16' | 2x6 No. 1 P.T. SPF | Rail cap |
| 1 | 8' | 2x6 No. 1 P.T. SPF | Rail cap |
| 1 | 10' | 2x6 No. 1 P.T. SPF | Rail cap |
| 1 | 16' ** | 2x4 No. 1 P.T. SPF | Rail |
| 1 | 8' | 2x4 No. 1 P.T. SPF | Rail |
| 20 | 6' ** | 2x2 No. 1 P.T. SPF | Baluster |
| 5 | 8' | 4x4 No. 1 P.T. SPF | Post |
| 1 | 6' * | 4x4 No. 1 P.T. SPF | Post |
| 800 | | 2-1/4" galvanized decking screws | |
| 10 | | 3/8" x 5-1/2" lag screw | |
| 32 | | 3/8" washers | |
| 11 | | 2x8 joist hanger | |
| 1 | | lbs. galvanized joist hanger nails | |
| 7 | | 4x4 post cap | |
| 7 | | pre-cast concrete pier | |
| 2 | | 1/2" J bolt | |
| 2 | | 1/2" washers | |
| 2 | | 1/2" nut | |
| 18 | | 60 lb. bags of concrete | |
| 2 | | 2x8 framing anchor | |
| 22 | | 3/8" x 6" carriage bolt | |
| 22 | | 3/8" nut | |
| 5 | | lbs. 2-1/2" galvanized common nails | |
| 2 | | lbs. 2-1/2" galvanized common nails | |

All 16" DC

Shopping List

| Qty. | Len. | Description | Usage |
|------|--------|-------------------------------------|--------------|
| 1 | 10' | 5/4x6 No. 1 P.T. SPF | Decking |
| 15 | 16' ** | 5/4x6 No. 1 P.T. SPF | Decking |
| 2 | 12' | 5/4x6 No. 1 P.T. SPF | Decking |
| 2 | 14' | 5/4x6 No. 1 P.T. SPF | Decking |
| 1 | 12' | 2x8 No. 2 P.T. SPF | Joist |
| 9 | 16' ** | 2x8 No. 2 P.T. SPF | Joist |
| 1 | 16' | 2x8 No. 2 P.T. SPF | Ledger |
| 1 | 8' | 2x8 No. 2 P.T. SPF | Rim joist |
| 1 | 16' ** | 2x8 No. 2 P.T. SPF | Rim joist |
| 1 | 10' | 2x8 No. 2 P.T. SPF | Rim joist |
| 1 | 8' | 4x8 No. 2 P.T. SPF | Beam |
| 1 | 16' ** | 4x8 No. 2 P.T. SPF | Beam |
| 1 | 6' * | 4x4 No. 2 P.T. SPF | Post |
| 3 | 8' | 2x8 No. 1 P.T. SPF | Tread |
| 1 | 8' | 2x12 No. 2 P.T. SPF | Stringer |
| 1 | 6' * | 2x12 No. 2 P.T. SPF | Stringer |
| 1 | 6' * | 2x4 No. 2 P.T. SPF | Thrust block |
| 1 | 16' | 2x6 No. 1 P.T. SPF | Rail cap |
| 1 | 8' | 2x6 No. 1 P.T. SPF | Rail cap |
| 1 | 10' | 2x6 No. 1 P.T. SPF | Rail cap |
| 1 | 16' ** | 2x4 No. 1 P.T. SPF | Rail |
| 1 | 8' | 2x4 No. 1 P.T. SPF | Rail |
| 20 | 6' ** | 2x2 No. 1 P.T. SPF | Baluster |
| 5 | 8' | 4x4 No. 1 P.T. SPF | Post |
| 1 | 6' * | 4x4 No. 1 P.T. SPF | Post |
| 800 | | 2-1/4" galvanized decking screws | |
| 10 | | 3/8" x 5-1/2" lag screw | |
| 32 | | 3/8" washers | |
| 11 | | 2x8 joist hanger | |
| 1 | | lbs. galvanized joist hanger nails | |
| 7 | | 4x4 post cap | |
| 7 | | pre-cast concrete pier | |
| 2 | | 1/2" J bolt | |
| 2 | | 1/2" washers | |
| 2 | | 1/2" nut | |
| 18 | | 60 lb. bags of concrete | |
| 2 | | 2x8 framing anchor | |
| 22 | | 3/8" x 6" carriage bolt | |
| 22 | | 3/8" nut | |
| 5 | | lbs. 2-1/2" galvanized common nails | |
| 2 | | lbs. 2-1/2" galvanized common nails | |

Name: Frank Palys
Company: Frank Palys
Voice Number: 207-799-3014
Fax Number: 207-799-3014
194 Margaret St.

South Portland, ME 04106

Fax

Date: Wednesday, July 18, 2001

Total Pages: 5

Subject: Pending permit - Chart 118, Block A, Lot 2

Name: Tammy Munson

Company: City of Portland, ME

Voice Number:

Fax Number: 8748716

Note: Tammy,
Please find the following: load tables for the L.VL beam, deck
support pages for Finn job at 28 Holwell St.
Feel free to call if more information is required.
Frank Palys

Versa-Bam® Joist Load Tables

2900F_b SP and 3080F_b DF (115% Load Duration) Snow Load

KEY TO TABLE: Top figure = Allowable Total Load [plf] Middle figure = Allowable Live Load [plf]
Bottom figures = Minimum Required Bearing Length at End / Intermediate Supports [inches]

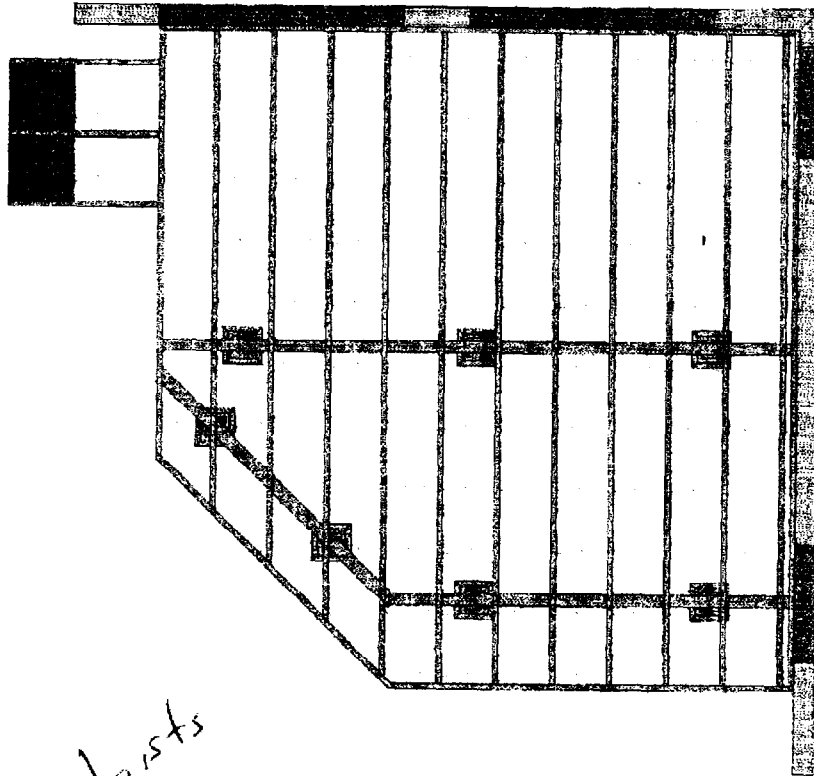
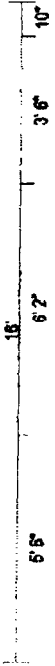
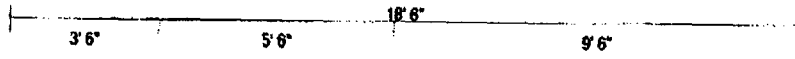
| Beam Size (S) | 1 1/4" Width - 2900 Fb DF | | | | 3 1/4" Width - 3080 Fb DF | | | | | | 5 1/4" Width - 3080 Fb DF | | | | | | 7" Width - 3080 Fb DF | | | | | |
|---------------|---------------------------|---------|---------|---------|---------------------------|---------|---------|---------|---------|---------|---------------------------|---------|---------|---------|---------|---------|-----------------------|---------|---------|---------|---------|---------|
| | 7 1/4" | 9 1/4" | 11 1/4" | 14" | 7 1/4" | 9 1/4" | 11 1/4" | 14" | 16" | 18" | 9 1/4" | 11 1/4" | 14" | 16" | 18" | 20" | 11 1/4" | 14" | 16" | 18" | 20" | 24" |
| 6 | 390 | 390 | 1800 | 2400 | 4700 | 3470 | 3470 | 4120 | 3940 | 3100 | 3970 | 4810 | 4700 | 5730 | 5100 | 10000 | 6500 | 6200 | 10000 | 12500 | 16000 | 20000 |
| | 1.6/3 | 2.8/3.1 | 3.6/3.5 | 4.2/3.5 | 1.7/3 | 2.3/3 | 3.1/3.2 | 3.9/3.9 | 4.8/3 | 5.7/3.5 | 3.3/3 | 3.1/3.2 | 3.8/3.9 | 4.8/3 | 5.8/3.7 | 7.7/3.7 | 3.1/3.5 | 3.1/3.5 | 4.2/3 | 5.2/3.5 | 7.7/3.7 | 10/3.9 |
| 8 | 390 | 374 | 1790 | 1464 | 1160 | 1710 | 2500 | 2700 | 2520 | 2017 | 3071 | 3981 | 4171 | 4004 | 3932 | 3000 | 4000 | 3901 | 3900 | 7800 | 9141 | 12200 |
| | 1.6/3 | 2.4/3 | 3.1/2.8 | 2.6/2.6 | 1.6/3 | 2.2/2.8 | 2.8/3.6 | 3.5/3.4 | 4.2/3.5 | 5.1/3.2 | 2.2/3 | 2.0/3.2 | 2.7/3.4 | 3.4/3.4 | 4.2/3.5 | 5.7/3.7 | 2.9/3.6 | 2.9/3.6 | 3.5/3.4 | 4.2/3.5 | 5.1/3.5 | 6.8/3.7 |
| 10 | 390 | 390 | 972 | 1000 | 902 | 1007 | 1730 | 2004 | 2076 | 2000 | 1901 | 2573 | 3100 | 3711 | 4323 | 4970 | 5431 | 5162 | 4500 | 5700 | 6500 | 6900 |
| | 1.6/3 | 2.7/3 | 3.1/3.7 | 3.6/3.4 | 1.5/3 | 2.1/3 | 2.7/3.4 | 3.3/3.3 | 4.1/3 | 4.8/3.5 | 3/3 | 2.7/3.4 | 3.3/3.3 | 4.1/3 | 4.8/3.5 | 5.7/3.7 | 2.7/3.4 | 2.7/3.4 | 3.3/3.3 | 4.1/3 | 4.8/3.5 | 5.7/3.7 |
| 11 | 390 | 390 | 753 | 847 | 800 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 12 | 390 | 390 | 612 | 602 | 500 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 13 | 390 | 390 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 14 | 390 | 390 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 15 | 390 | 390 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 16 | 390 | 390 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 17 | 390 | 390 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 18 | 390 | 390 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 19 | 390 | 390 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 20 | 390 | 390 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 22 | 390 | 390 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 24 | 390 | 390 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 26 | 390 | 390 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 28 | 390 | 390 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |
| 30 | 390 | 390 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1.6/3 | 1.6/3 | 2.8/3.5 | 3.6/3.4 | 1.5/3 | 1.8/3 | 2.7/3.4 | 3.5/3.4 | 4.3/3.4 | 5.1/3.5 | 1.8/3 | 2.1/3.4 | 2.8/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 2.7/3.4 | 2.7/3.4 | 3.5/3.4 | 4.3/3.5 | 5.1/3.5 | 6.1/3.7 |

- Total Load values are limited by shear, moment or deflection equal to L/240. Total Load values are the capacity of the beam in addition to its own weight.
- Live Load values are limited by deflection equal to L/360.
- Both the Total Load and Live Load values must be checked. Where a Live Load value is not shown, the Total Load value will control.
- Table values apply to either simple or multiple span beams. Span is measured center to center of supports. Analyze multiple span beams with the BC Calc software if the length of any span is less than half the length of an adjacent span.
- Table values assume that lateral support is provided at each support and continuously along the compression edge of the beam.

- Table values for Minimum Required Bearing Lengths are based on the allowable compression design value perpendicular to grain for the beam and the Total Load value shown. Other design considerations, such as a weaker support material, may warrant longer bearing lengths. Table values are zero that represent a minimum bearing length of zero.
- Double, triple or quadruple the 1 1/4" wide 2900 Fb SP Total Load and Live Load values to span 2-ply, 3-ply or 4-ply 2900 Fb SP beams. Minimum Required Bearing Lengths remain the same for any number of plies.
- 1 1/4" members deeper than 14 inches are to be used as multiple-ply beams only.
- This table was designed to apply to a broad range of applications. It may be possible to exceed the limitations of this table by analyzing a specific application with the BC Calc software.

Top View of Your Deck

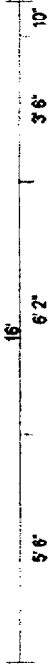
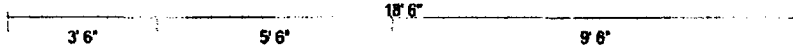
The Scale is 1/4" : 1'



Joists

Top View of Your Deck

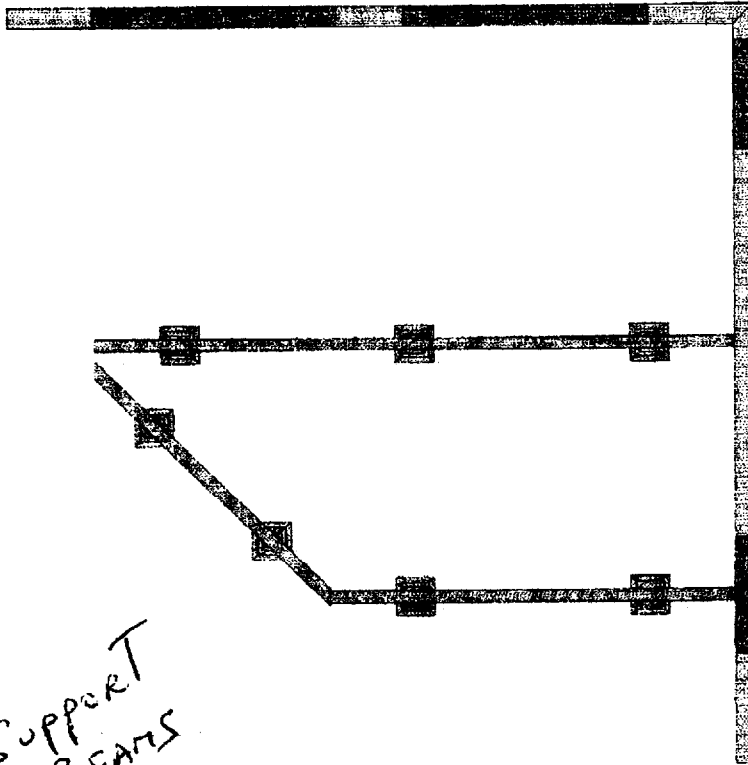
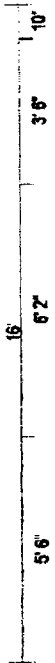
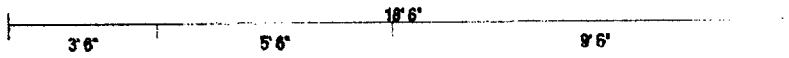
The Scale is 1/4" : 1'



Deck
Footings

Top View of Your Deck

The Scale is 1/4" : 1'



SUPPORT
BEAMS



CITY OF PORTLAND, MAINE

Department of Building Inspection

_____ 2001

Received from Franklin a fee

of _____ 4100 Dollars \$ 16.00

for permit to install
erect
alter

at _____ move
demolish _____ Est. Cost \$ 46,500.

check # 1045
CBR 115 A 002 _____
Inspector of buildings
Per _____

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$5.00 or 10% whichever is greater.

- WHITE - Applicant's Copy
- YELLOW - Office Copy
- PINK - Auditors Copy