

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

Location of Construction: 167 New Island Avenue Peaks Island		Owner: John & Lorraine Feeney		Phone: 766-2488		Permit No: <b>981183</b>	
Owner Address: Same		Lessee/Buyer's Name:		Phone:		BusinessName:	
Contractor Name: American Profiles		Address: 20 Blaine St. Manchester NH 03102		Phone: 1-800-639-1944		Permit Issued: <b>OCT 14 1998</b>	
Past Use: 3 season sun room		Proposed Use:		COST OF WORK: \$ 12,897		PERMIT FEE: \$ 85.00	
				FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: B3 Type: 5B BOCA 96 Signature: <i>[Signature]</i>	
Proposed Project Description: Build 3 season 8'x10' sun room on left side of home. <i>(error) should be 8x19</i>				PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		Zone: <b>CBL: G-013</b> 85-	
				Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied		Zoning Approval: <b>Special Zone or Reviews:</b> <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: <b>US</b>		Date Applied For: <b>10-8-98</b>		Signature:		Date:	

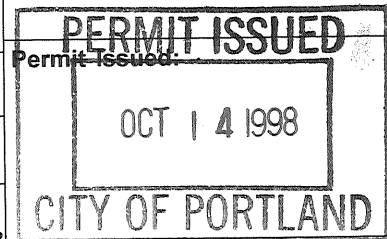
1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

**PERMIT ISSUED WITH REQUIREMENTS**

**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit

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 <b>2</b>



Zone: **CBL: G-013**  
85-

Zoning Approval:  
**Special Zone or Reviews:**  
 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: *[Signature]*

COMMENTS

10/15/98-

SUN ROOMS OF AMERICA - JEFF BROWN

WAS ADVISED TO CALL PRIOR TO POURING FOOTING

SCHEDULED FOR 10/29 OR SO.

TO BE COMPLETED 11/07/98

*[Handwritten signature]*

20'5 From Rear Piv I have stoped the work, and Mr. Fenney

is ~~volentarily~~ going to stop working untill the location is Resolved.

11-9-98 I called and told Mrs. Fenney that the amendment has been approved. *(TR)*

11/30/98 - Sona tubes Relocated per ammendment - ok - they are now down 4'+ ok to pour *(P)*

11/2/00 All complete as per plans Close out *JN*

Inspection Record

Type

Date

Foundation: \_\_\_\_\_

\_\_\_\_\_

Framing: \_\_\_\_\_

\_\_\_\_\_

Plumbing: \_\_\_\_\_

\_\_\_\_\_

Final: \_\_\_\_\_

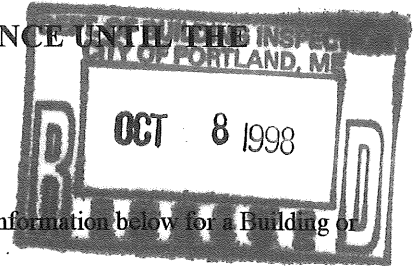
\_\_\_\_\_

Other: \_\_\_\_\_

\_\_\_\_\_

THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE INSPECTOR  
 PERMIT IS ISSUED

**Building or Use Permit Pre-Application  
 Additions/Alterations/Accessory Structures  
 To Detached Single Family Dwelling**



In the interest of processing your application in the quickest possible manner, please complete the Information below for a Building or Use Permit.

**NOTE\*\*If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.**

Location/Address of Construction: 167 NEW ISLAND AVE (PEAKS ISLAND)

Tax Assessor's Chart, Block & Lot Number Chart# <u>85</u> Block# <u>G</u> Lot# <u>13-9</u>	Owner: <u>John + LORRAINE FEENEY</u>	Telephone#: <u>766 2488</u>
Owner's Address: <u>167 NEW ISLAND AVE</u>	Lessee/Buyer's Name (If Applicable)	Cost Of Work: <u>\$12,897</u> Fee <u>\$85-</u>
Proposed Project Description:(Please be as specific as possible) <u>Build 3 season 8'x19" sun ROOM on left side of home. No Plumbing, ELCC or heat</u>		
Contractor's Name, Address & Telephone <u>Lee Stephens/American Profiles Profiles Prod. Co. Rec'd By: US</u> <u>20 Blaine St Manchester NH 03102 800 639 1944</u>		

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

- All construction must be conducted in compliance with the 1996 B.O.C.A. Building Code as amended by Section 6-Art II.
- All plumbing must be conducted in compliance with the State of Maine Plumbing Code.
- All Electrical Installation must comply with the 1996 National Electrical Code as amended by Section 6-Art III.
- HVAC(Heating, Ventilation and Air Conditioning) installation must comply with the 1993 BOCA Mechanical Code.

You must Include the following with you application:

- 1) A Copy of Your Deed or Purchase and Sale Agreement
- 2) A Copy of your Construction Contract, if available
- 3) A Plot Plan (Sample Attached)

If there is expansion to the structure, a complete plot plan (Site Plan) must include:

- The shape and dimension of the lot, all existing buildings (if any), the proposed structure and the distance from the actual property lines. Structures include decks porches, a bow windows cantilever sections and roof overhangs, as well as, sheds, pools, garages and any other accessory structures.
- Scale and required zoning district setbacks

**4) Building Plans (Sample Attached)**

A complete set of construction drawings showing all of the following elements of construction:

- Cross Sections w/Framing details (including porches, decks w/ railings, and accessory structures)
- Floor Plans & Elevations
- Window and door schedules
- Foundation plans with required drainage and dampproofing
- Electrical and plumbing layout. Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review must be included.

**Certification**

I hereby certify that I am the Owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: <u>Lee Stephens</u>	Date: <u>10/8/98</u>
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Building Permit Fee: \$25.00 for the 1st \$1000.cost plus \$5.00 per \$1,000.00 construction cost thereafter.

O:\INSP\CORRESP\MNUAGENT\APADSF.D.WPD

\*send to Lee Stevens  
 20 Blaine St  
 Manchester NH 03102

Applicant:

Date:

10/13/98

Address:

167 New Island Ave

C-B-L:

85-G-13

CHECK-LIST AGAINST ZONING ORDINANCE

Date -

Existing

Zone Location -

IR-2

Interior or corner lot -

Proposed Use/Work -

to build A 3 SEASONS 8' x 10' Sun Room

8' x 19'

Sevage Disposal -

Lot Street Frontage -

Front Yard -

25' req - 55' shown

Rear Yard -

25' req - 40' shown

Side Yard -

20' req - 45' shown

Projections -

Width of Lot -

Height -

Lot Area -

Lot Coverage/ Impervious Surface -

Area per Family -

Off-street Parking -

Loading Bays -

Site Plan -

Shoreland Zoning/ Stream Protection -

N/A

Flood Plains -

Zone C

# BUILDING PERMIT REPORT

DATE: 9 OCT. 98 ADDRESS: 167 New Is. Ave. P.I. CBL 085-G-013  
REASON FOR PERMIT: To Construct a 3 Season 8'10' sun room  
BUILDING OWNER: John & Lorraine Feeney  
CONTRACTOR: American Profiles  
PERMIT APPLICANT: ↑  
USE GROUP R-3 BOCA 1996 CONSTRUCTION TYPE 5B

## CONDITION(S) OF APPROVAL

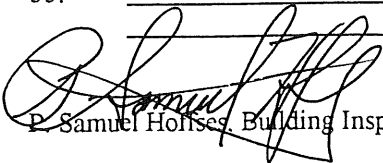
This Permit is being issued with the understanding that the following conditions are met:

Approved with the following conditions: \*1, \*2, \*3, \*32

- ~~X~~ 1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
- ~~X~~ 2. Before concrete for foundation is placed, approval from the ~~Development Review Coordinator~~ and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection)
- 2.5 Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve. The drain shall extend a minimum of 12 inches beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not higher than the bottom of the base under the floor, and that the top of the drain is not less than 6 inches above the top of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of joints or top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2" of gravel or crushed stone, and shall be covered with not less than 6" of the same material. Section 1813.5.2
- 2.6 Foundations anchors shall be a minimum of 1/2" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' o.c. between bolts. (Section 2305.17)
3. Precaution must be taken to protect concrete from freezing. Section 1908.0
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 1/2 inch gypsum board or the equivalent applied to the garage means of 1/2 inch gypsum board or the equivalent applied to the garage side. (Chapter 4 Section 407.0 of the BOCA/1996)
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). Chapter 12 & NFPA 211
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". (Sections 1021 & 1022.0) - Handrails shall be on both sides of stairway. (Section 1014.7)
9. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
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. (Section 1014.0)
11. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6' 8") 1014.4

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. ( Section 1018.6 )
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. Section 1010.1
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.) Section 710.0
15. The boiler shall be protected by enclosing with (1) hour fire-rated construction including fire doors and ceiling, or by providing automatic extinguishment. Table 302.1.1
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 920.3.2 (BOCA National Building Code/1996), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations):
  - In the immediate vicinity of bedrooms
  - In all bedrooms
  - In each story within a dwelling unit, including basements
 In addition to the required AC primary power source, required smoke detectors in occupancies in Use Groups R-2, R-3 and I-1 shall receive power from a battery when the AC primary power source is interrupted. (Interconnection is required) Section 920.3.2
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. Section 921.0
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. (crawl spaces & attics)
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). ( Chapter M-16 )
28. Please read and implement the attached Land Use-Zoning report requirements.
29. Boring, cutting and notching shall be done in accordance with Sections 2305.4.4, 2305.5.1 and 2305.3. of the City's building code.
30. Glass and glazing shall meet the requirements of Chapter 24 of the building code.
- x31. This permit is being issued for a 3 Seasons Sun room - NOT a bedroom or year-round living -
- x32. All work must be done according to Manufactures requirements

33.



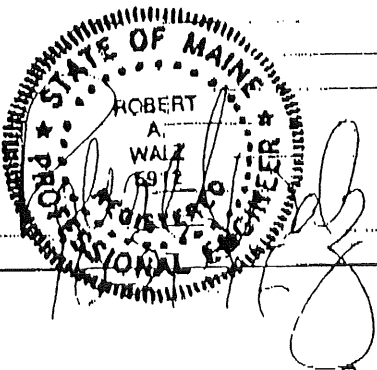
P. Samuel Hoffses, Building Inspector

cc: Lt. McDougall, PFD  
Marge Schmuckal, Zoning Administrator



ROOF SPAN CALCULATIONS

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



*Handwritten signature/initials*



Applicant:

Date: 10/13/98

Address: 167 New Island Ave

C-B-L: 85-G-13

CHECK-LIST AGAINST ZONING ORDINANCE

Date - Existing

Zone Location - IR-2

Interior or corner lot -

Proposed Use/Work - to build a 3 seasons 8'x10' Sun Room

Sewage Disposal -

Lot Street Frontage -

Front Yard - 25' req - 55' shown

Rear Yard - 25' req - 40' shown

Side Yard - 20' req - 45' shown

Projections -

Width of Lot -

Height -

Lot Area -

Lot Coverage/ Impervious Surface -

Area per Family -

Off-street Parking -

Loading Bays -

Site Plan -

Shoreland Zoning/ Stream Protection -

N/A

Flood Plains -

Zone C

FILENAME: 97W202 01/15/97

MIN. 24" SNOW & ICE SHIELD

36" METAL FLASHING

TEMPORARY ROOF

SHINGLES OVER 50# FELT WHICH EXTENDS 12" BEYOND INSIDE FACE OF EXTERIOR WALL

METAL FLASHING (SEE DETAIL AT LEFT)

TEMPORARY FLOOR PANEL (12" MAX. OVERHANG) SIZE PER FTG. PLAN

8'-0"

EXISTING HOUSE

(2) 1 1/2" SCREWS PER PANEL SECTION INTO STRONGBACKS

1 1/2" SCREWS INTO EACH STRONGBACK

EXTERIOR WALL

SKIRT FLASHING

(2) 2 x P.T. STRONGBACK FULL DECK LENGTH W/ (2) 1/4" x 8" THRU BOLTS OR (4) 1/4" x 3" LAG SCREWS (2 EACH SIDE OF POST)

12" MAX.

4 x 4 P.T. POST (SEE PLAN FOR SPACING)

GRADE

2 x 4 LAGGED TO 2 x LEDGER (SEE PLAN FOR SIZE) FASTENED TO EXIST. BLDG. PER MANUF. SPEC'S (BASED ON EXIST. CONDITIONS)

CONCRETE

BACKFILL

10"

MIN. 8" DIA. CONC. PIER BASE

(FROST DEPTH)

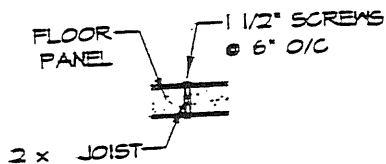
WOOD FRAME 1/2" x 4" LAG SCREWS @ 16" O/C STAGGERED.

BRICK - CUT NAILS @ 24" O/C W/ 1/4" x 3 1/2" EXPAN. ANCHOR @ 24" O/C STAGGERED INTO MORTAR JOINTS

1" LAYER OF BEA STONE ON 6 MIL VAPOR BARRIER

CONCRETE

NOTE: ALL STRUCTURAL LUMBER TO BE PRESSURE TREATED



PANEL SPLICE DETAIL

# SECTION 'A'

SALES REP INITIALS

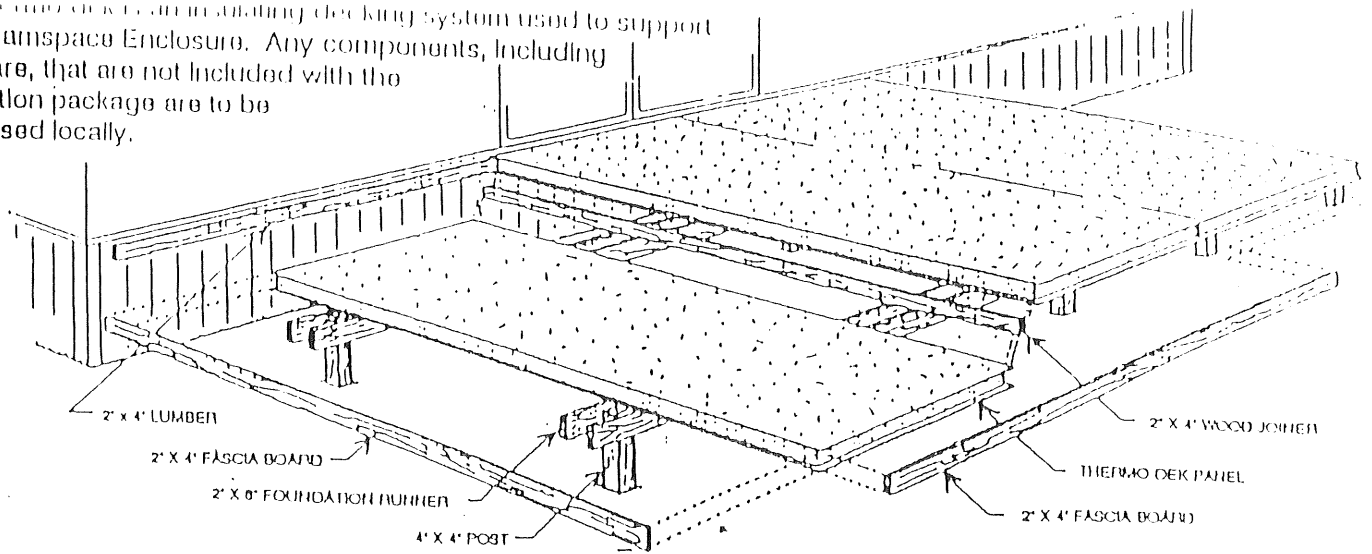
CUSTOMER SIGNATURE

REVISIONS	DATE	PH. ( )	CLIENT/PROJ.

DRAWN BY: DAVID CENTORBI CK'D BY: MEASURED BY: DATE: SCALE: NONE

RESIDENT

The Thermo-dek is an insulating decking system used to support the Dreamspace Enclosure. Any components, including hardware, that are not included with the installation package are to be purchased locally.



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

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

**STEP 1 - ATTACHMENT TO THE HOME**

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

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

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

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

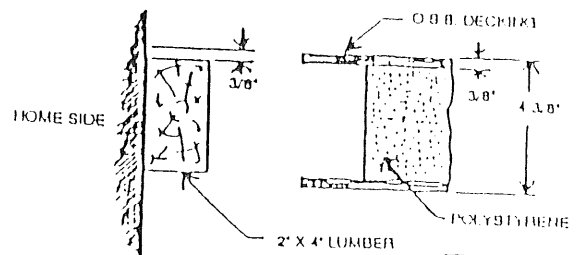


FIGURE A

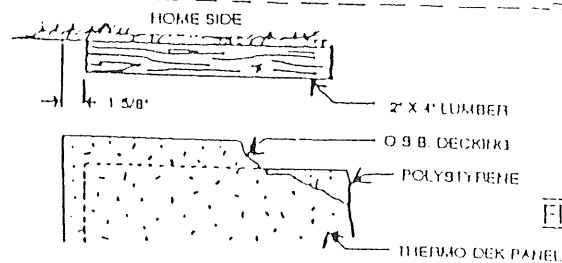


FIGURE B



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

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

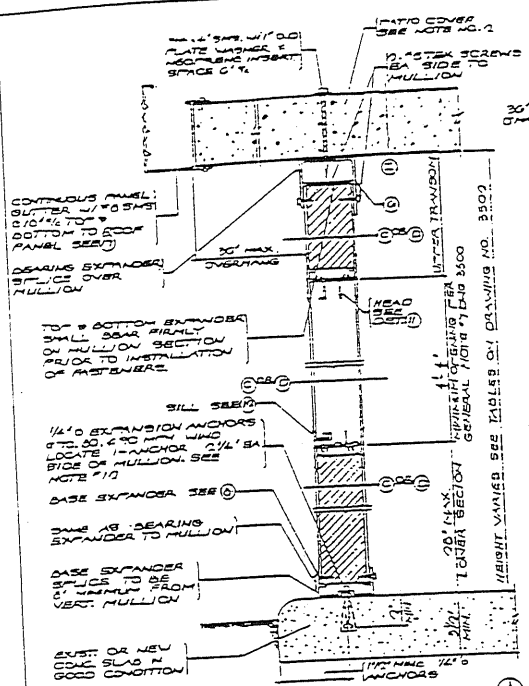
SPLINE PARAMETERS					
Spline Configuraton	Spline spacing		Spline material		Spline nailing
Single Spline	48 " o/c		SYP #2		6d @ 6"o/c
STRUCTURAL INSULATED PANEL DIMENSIONS					
Skin thickness	7/16"	7/16"	7/16"	7/16"	7/16"
Core thickness	3-5/8"	5-5/8"	7-3/8"	9-3/8"	11-3/8"
Panel depth	4 -1/2"	6 -1/2"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

*Handwritten:* Feasible →  
5' SPAN

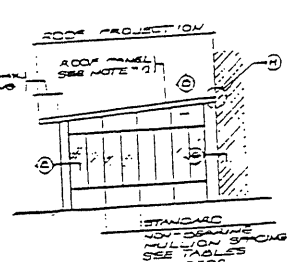
Table T.6 Transverse Load 7/16" skin Single Spline SYP #2 6d @ 6"o/c

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

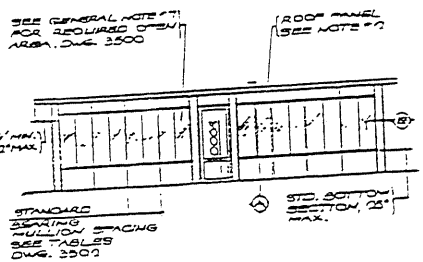
Table T.6 - Transverse Loads on Splined S.I. Panels 12/20/92



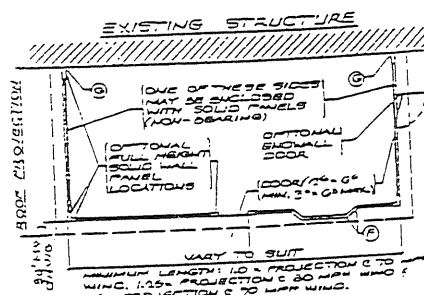
**BEARING WALL SECTION (A)**



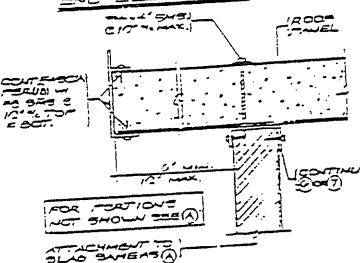
**ENCLOSURE END ELEVATION**



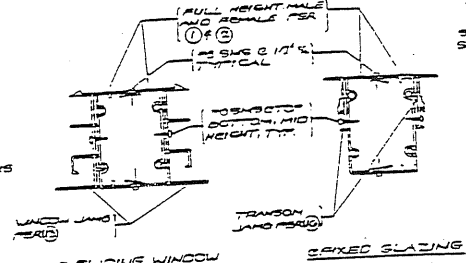
**ENCLOSURE FRONT ELEVATION**



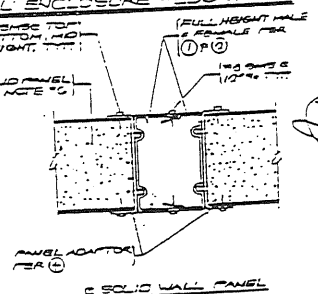
**TYPICAL ENCLOSURE FLOOR PLAN**



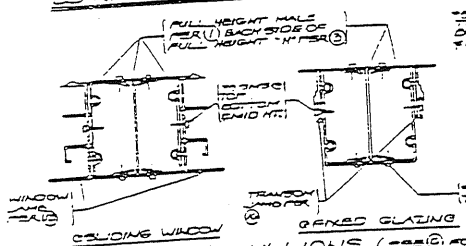
**NON-BEARING WALL & TOP (B)**



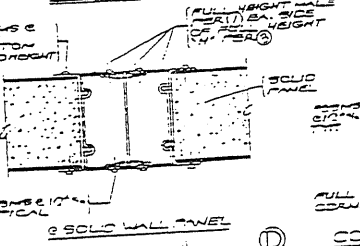
**MALE/FEMALE MULLIONS (C)**



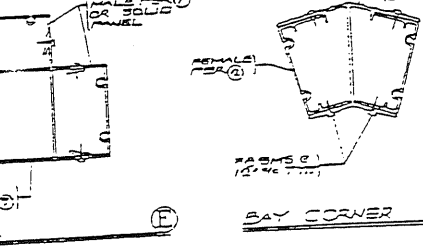
**SLIDING WINDOW (D) FIXED GLAZING (E)**



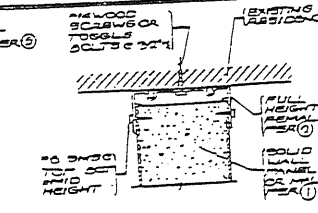
**MALE/MALE MULLIONS (D) (SEE (C) FOR PORTIONS NOT SHOWN)**



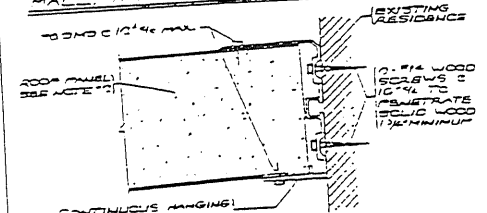
**CORNER (E)**



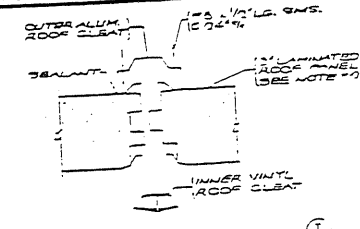
**BAY CORNER (F)**



**CONNECTION TO HOUSE (G)**

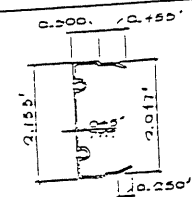


**ROOF PANEL/WALL ATTACHMENT (H)**

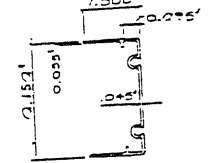


**ROOF PANEL SPICE (I)**

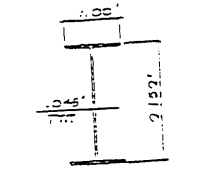
**Temo Inc.**  
 10100 JUAL ROAD • CHILTON TOWNSHIP • MICHIGAN 49705  
 616-281-0110 1-800-311-0350 FAX: 616-281-4008  
 EXCLUSION SYSTEMS  
 PLANS, SECTIONS &  
 DETAILS  
 3501  
 0 1 2 3 4 5 6 7 8 9 10



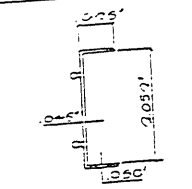
STANDARD MALE ①



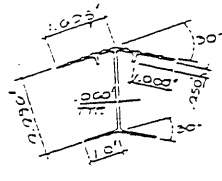
STANDARD FEMALE ②



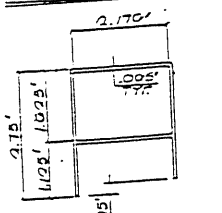
1/2" CHANNEL ③



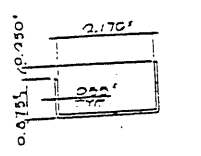
PANEL ADAPTOR ④



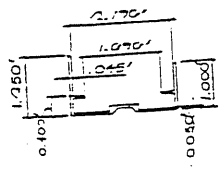
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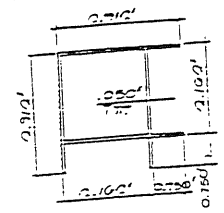
BEARING EXPANDER ⑥



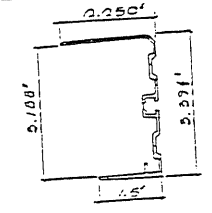
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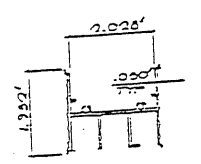
BASE EXPANDER ⑧



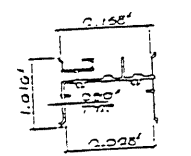
CONCRETE MULLION ⑨



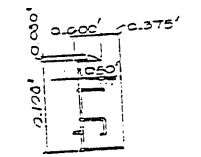
HANGING RAIL ⑩



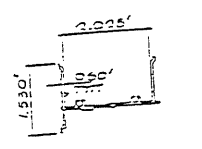
WINDOW HEAD ⑪



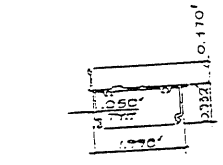
WINDOW SILL ⑫



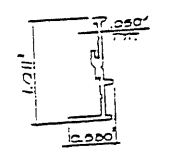
WINDOW JAMB ⑬



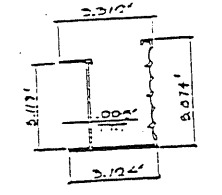
TRANSOM HEAD ⑭



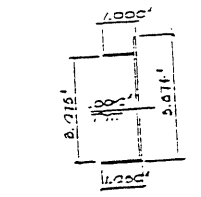
TRANSOM SILL ⑮



TRANSOM JAMB ⑯



PANEL GUTTER ⑰



PANEL FASCIA ⑱

**GENERAL NOTES & SPECIFICATIONS**

- THIS RATIO COVER & ENCLOSURE SYSTEM IS LIMITED TO RECREATION AND OUTDOOR LIVING PURPOSES AND IS NOT TO BE USED AS A GARAGE, GARAGE, OR HABITABLE ROOM.
- THIS ENCLOSURE SYSTEM IS TO BE INSTALLED UNDER THE RATIO COVER ROOF PANEL SHOWN ON DRAWING NO. 2501.
- DESIGN LOADS: SEE TABLES FOR DESIGN LOADS.
- FASTENERS: 1/2" RIVETS, WHERE SHOWN, SHALL BE 5000 ALUMINUM RIVET WITH CARBON STEEL FLATED MANDREL AS MANUFACTURED BY THE U.S.M. COOP. SHEET METAL SCREWS SHALL BE SIZE SHOWN AND SHALL BE STAINLESS STEEL, ZINC PLATED, GALVANIZED STEEL OR 2024-T4 ALUMINUM.
- ALL STRUCTURAL COMPONENTS OF THIS ENCLOSURE SYSTEM (EXCEPT SOLID PANELS) ARE OF ALLOY STEEL PER AISC-1.0 UNLESS SPECIFICALLY NOTED OTHERWISE.
- THE SOLID WALL PANELS SHOWN SHALL COMPLY WITH CURRENTLY RECOGNIZED I.C.S.O. EVALUATION SERVICE REPORT. ALL EXTERIOR PORTIONS OF THE SOLID WALL PANEL WHICH ARE SUBJECT TO WATER INTRUSION SHALL BE FULLY GALVANIZED.
- WHERE ENCLOSURE IS REQUIRED TO BE LEFT OPEN PER SECTION 3110, THE OPEN AREA OF THE LONGER WALL AND ONE ADDITIONAL WALL SHALL BE A MINIMUM OF 65 PERCENT OF EACH WALL, MEASURED FROM 0 FEET ONCHES OF EACH WALL, MEASURED FROM THE FLOOR TO OPEN IS DEFINED AS UNLESS SCREENING AND/OR READILY REMOVABLE TRANSPARENT OR TRANSLUCENT PLASTIC NOT MORE THAN 1/8 OR AN INCH IN THICKNESS. SEE NOTE #8 BELOW FOR OPTIONAL GLAZING.
- PORTIONS OF THE WALL NOT REQUIRED TO BE PLASTIC (SEE NOTE #7 ABOVE) MAY BE GLASS THAT COMPLIES WITH CHAPTER 24 OF THE UNIFORM BUILDING CODE, WHICH IS APPROVED BY THE BUILDING OFFICIAL GLASS COMPLIING WITH CHAPTER 24 OF THE CODE MAY BE SUBSTITUTED FOR THE PLASTIC INDICATED IN NOTE #7, AS PERMITTED BY SECTION 102.2.5 OF THE CODE FOR EQUIVALENT MATERIALS CONSTRUCTION. (SEE NOTE #13)
- EACH RATIO COVER & ENCLOSURE SYSTEM SHALL HAVE PERMANENTLY AFFIXED AN IDENTIFICATION TAG GIVING THE NAME & ADDRESS OF THE MANUFACTURER, DESIGN LOADS, AND I.C.S.O. E.S. REPORT NO.
- THE BEARING SYSTEM MULLIONS REQUIRED BY CHAPTER 10 OF THE UNIFORM BUILDING CODE.
- ALL ALUMINUM IN CONTACT WITH DISSIMILAR MATERIALS SHALL BE PROTECTED PER U.D.C. SECTION 1011.02.
- EXPANSION ANCHORS SHALL BE RAWL-BLIND ANCHORS OR EQUIVALENT PER I.C.S.O. EVALUATION REPORT NO. 518. 3/8" ANCHORS SHALL HAVE A MINIMUM TENSION VALUE (IN CONCRETE) OF 300 POUNDS. THE 1/2" ANCHORS SHALL HAVE A MINIMUM TENSION VALUE (IN CONCRETE) OF 400 POUNDS.
- TEMPERED GLASS WITH A THICKNESS NOT TO EXCEED 1/2 INCHES IS AN ACCEPTABLE ALTERNATE TO PLASTIC INDICATED IN NOTE #7. ALL TEMPERED GLASS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 24 OF THE U.S.C. (I.C.S.O. EVALUATION SERVICE, INC. ACCEPTABLE).

Terno Inc.   
 ENCLOSURE SYSTEMS   
 PARTS DETAIL 8   
 150

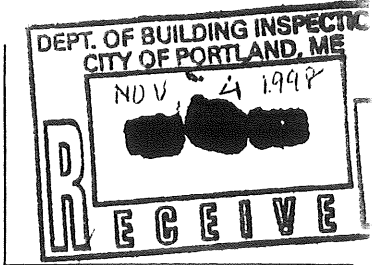
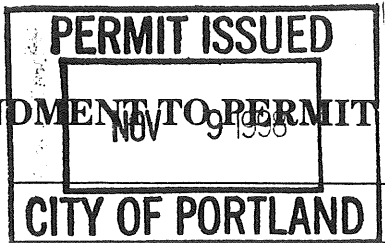
081276



085-G-013

# APPLICATION FOR AMENDMENT TO PERMIT

Amendment No. \_\_\_\_\_  
Portland, Maine, \_\_\_\_\_



04 NOV 98

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for amendment to Permit No. 981183 pertaining to the building or structure comprised in the original application in accordance with the Laws of the State of Maine, the Building Code and Zoning Ordinance of the City of Portland, plans and specifications, if any, submitted herewith, and the following specifications:

Location 167 New Island Ave, P.I., ME 04108 Within Fire Limits? N/A Dist. No. \_\_\_\_\_  
 Owner's name and address John & Lorraine Feeney Telephone 766-2488  
 Lessee's name and address N/A Telephone \_\_\_\_\_  
 Contractor's name and address American Profiles Telephone 1-800-639-1944  
 Architect N/A Plans filed \_\_\_\_\_ No. of sheets \_\_\_\_\_  
 Proposed use of building 1 Family No. families \_\_\_\_\_  
 Last use Same No. families \_\_\_\_\_  
 Increased cost of work N/A Additional fee 25.00

### Description of Proposed Work

Relocate 3 season sun room 11x12 and enclose 4x5 threshold.

ok  
IR-2 zone  
11/6/98

### Details of New Work

Is any plumbing involved in this work? N/A Is any electrical work involved in this work? N/A  
 Height average grade to top of plate \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_  
 Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_  
 Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_  
 Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_  
 Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_  
 No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_  
 Framing lumber — Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_  
 Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_  
 Girders \_\_\_\_\_ Size \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_  
 Studs (outside walls and carrying partitions) 2x4-16" O.C. Bridging in every floor and flat roof span over 8 feet.  
 Joints and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
 On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
 Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

Approved: \_\_\_\_\_

Signature of Owner John Feeney  
 Approved: G. Samuel Inspector of Buildings

SLAND AVENUE  
(50' Wide)

R/W LINE PER CITY OF PORTLAND

H N 85°-22'-24" E 122.10' 1/2" H

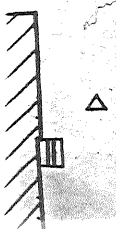
PROPERTY LINE PER RECORDED PLAN  
(PLAN BOOK 11, PAGE 21)

**REFERENCES**

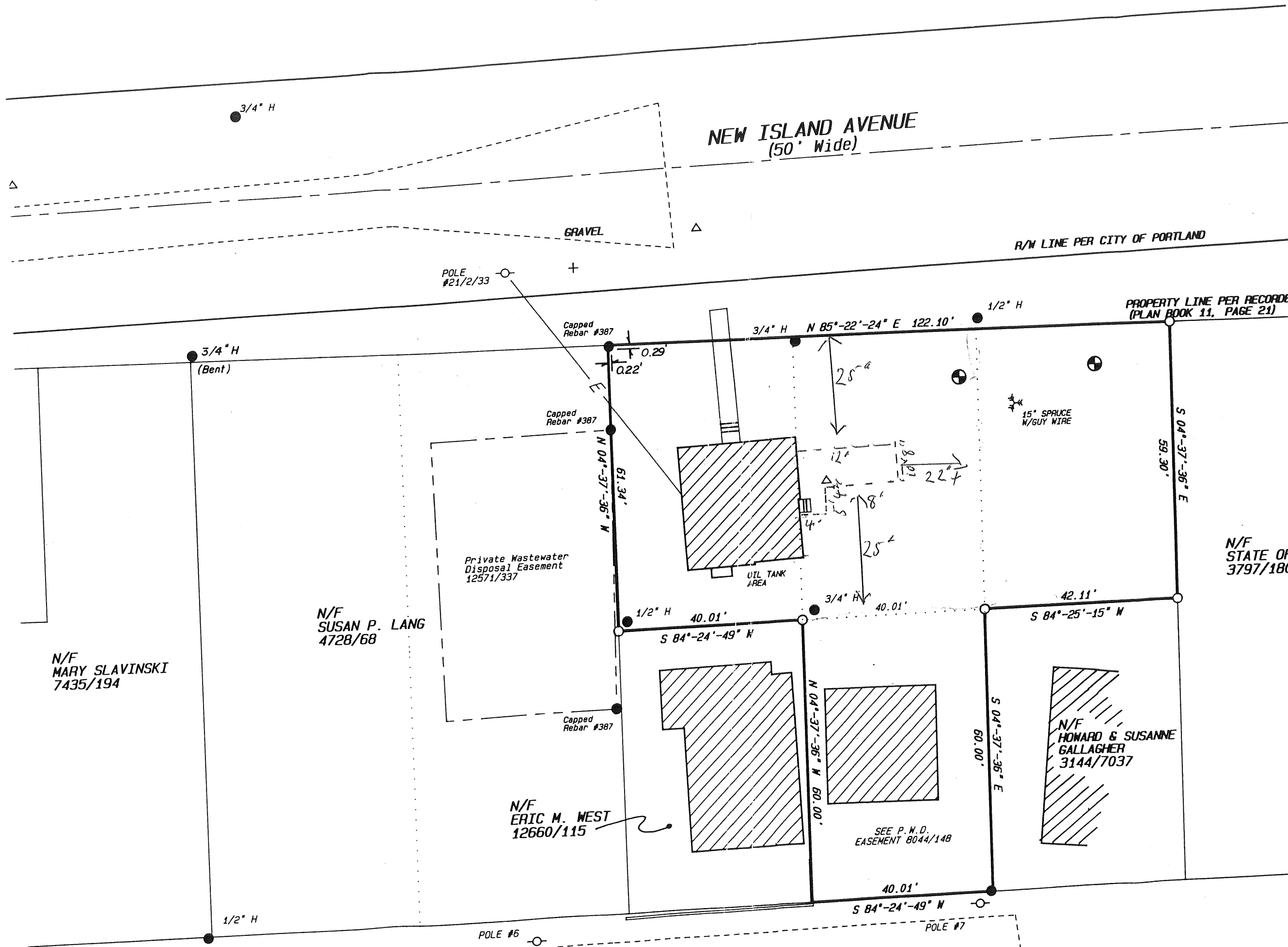
- 1) PLAN OF OCEANSIDE TERRACE RECORDED IN PLAN BOOK 11, PAGE 24.
- 2) SUBDIVISION OF LOTS No. 43 & 44 IN OCEANSIDE TERRACE, FLANKS ISLAND, MAINE, RECORDED IN PLAN BOOK 26, PAGE 2.
- 3) CITY OF PORTLAND RIGHT OF WAY INFORMATION DEPARTMENT OF PUBLIC WORKS.

15° SPRUCE  
W/GUY WIRE

S 04°-37'-36" E  
59.30'







**NEW ISLAND AVENUE**  
(50' Wide)

R/W LINE PER CITY OF PORTLAND

PROPERTY LINE PER RECORDED PLAN  
(PLAN BOOK 11, PAGE 21)

**REFERENCES**

- 1) PLAN OF OCEANSIDE TERRACE RECOR BOOK 11, PAGE 21.
- 2) SUBDIVISION OF LOTS No. 43 & 44 TERRACE, PEAKS ISLAND, MAINE, RECOR BOOK 26, PAGE 2.
- 3) CITY OF PORTLAND RIGHT OF WAY I. DEPARTMENT OF PUBLIC WORKS.

N/F  
STATE OF MAINE  
3797/180

**NOTES**

- 1) BEARINGS ARE BASED ON MAGNET
- 2) DEED AND PLAN BOOK REFERENCE CUMBERLAND COUNTY REGISTRY OF DE

**OWNER OF RECORD**

JOHN E. FEENEY, SR. and LORRAINE  
11444/215 & 217, 12827/176, 1282

**AREA**

TOTAL AREA = 9,765 sf or 0.22 ac

N/F  
MARY SLAVINSKI  
7435/194

N/F  
SUSAN P. LANG  
4728/68

N/F  
ERIC M. WEST  
12660/115

N/F  
HOWARD & SUSANNE  
GALLAGHER  
3144/7037

SEE P.W.D.  
EASEMENT 8044/148

Private Wastewater  
Disposal Easement  
12571/337

UTIL TANK  
AREA

15' SPRUCE  
W/GUY WIRE

POLE  
#21/2/33

POLE #6

POLE #7

3/4" H  
(Bent)

1/2" H

GRAVEL

Capped  
Rebar #387

Capped  
Rebar #387

Capped  
Rebar #387

3/4" H

1/2" H

1/2" H

3/4" H

S 84°-24'-49" N

N 04°-37'-36" E  
61.34'

S 84°-24'-49" N

N 04°-37'-36" E  
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S 04°-37'-36" E  
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S 04°-37'-36" E  
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S 84°-25'-15" N

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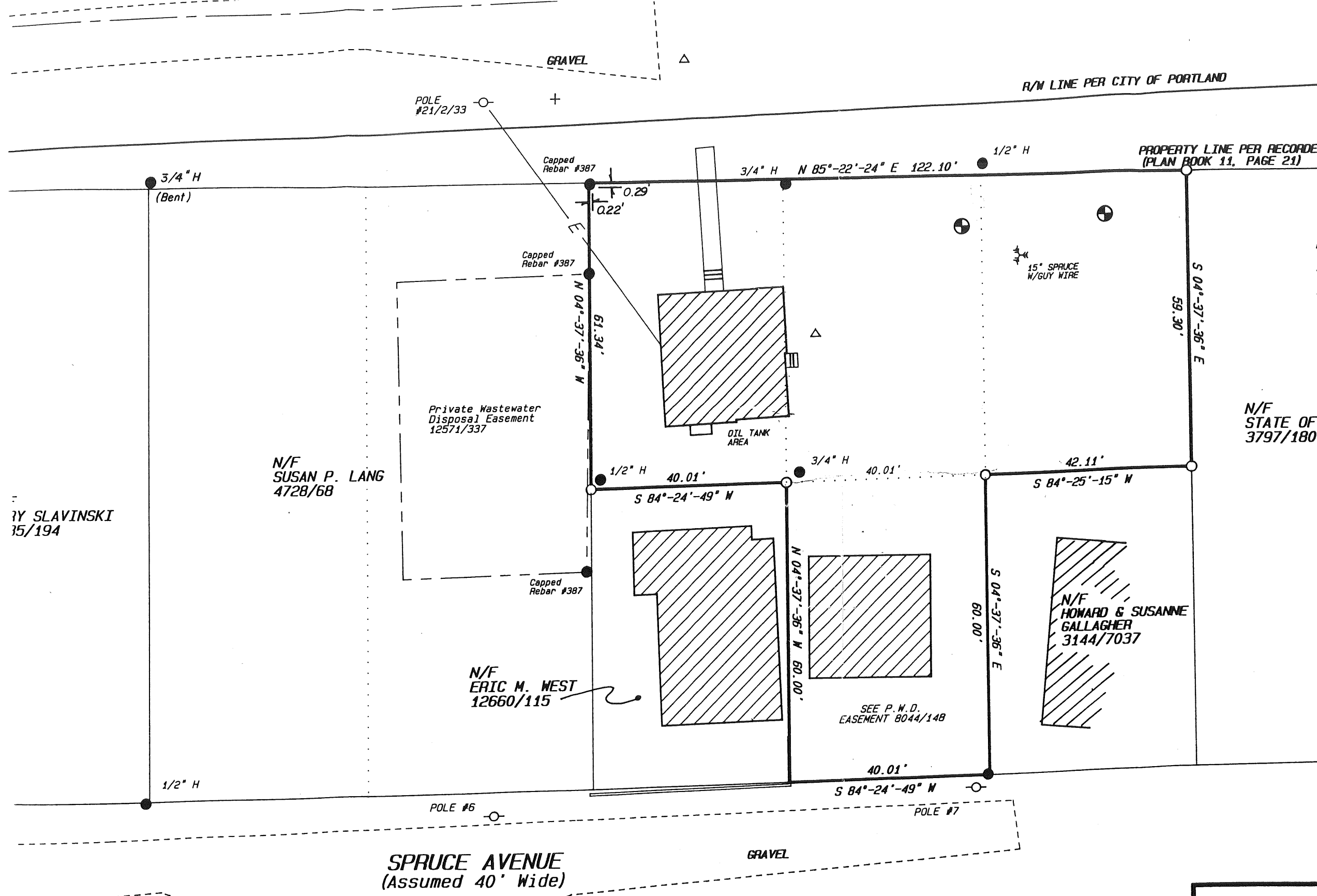
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40.01'

N 04°-37'-36" E  
61.34'

40.01'

40.01'



**REFERENCES**

- 1) PLAN OF OCEANSIDE TERRACE RECORDED IN BOOK 11, PAGE 21.
- 2) SUBDIVISION OF LOTS No. 43 & 44 IN OCEANSIDE TERRACE, PEAKS ISLAND, MAINE, RECORDED IN BOOK 26, PAGE 2.
- 3) CITY OF PORTLAND RIGHT OF WAY INFORMATION DEPARTMENT OF PUBLIC WORKS.

N/F  
STATE OF MAINE  
3797/180

**NOTES**

- 1) BEARINGS ARE BASED ON MAGNETIC NORTH
- 2) DEED AND PLAN BOOK REFERENCES ARE TO CUMBERLAND COUNTY REGISTRY OF DEEDS.

**OWNER OF RECORD**

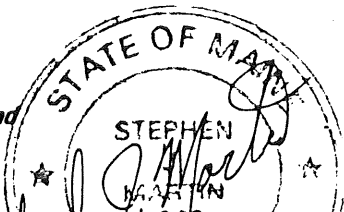
JOHN E. FEENEY, SR. and LORRAINE L. FEENEY  
11444/215 & 217, 12827/176, 12827/173

**AREA**

TOTAL AREA = 9,765 sf or 0.22 ac

UND  
T (5/8" rebar with cap)  
EARLY OF  
E  
VEL  
ILDING

This survey conforms to the current standards of the Board of Licensure for Professional Land Surveyors for Category I, Condition II, except as noted:

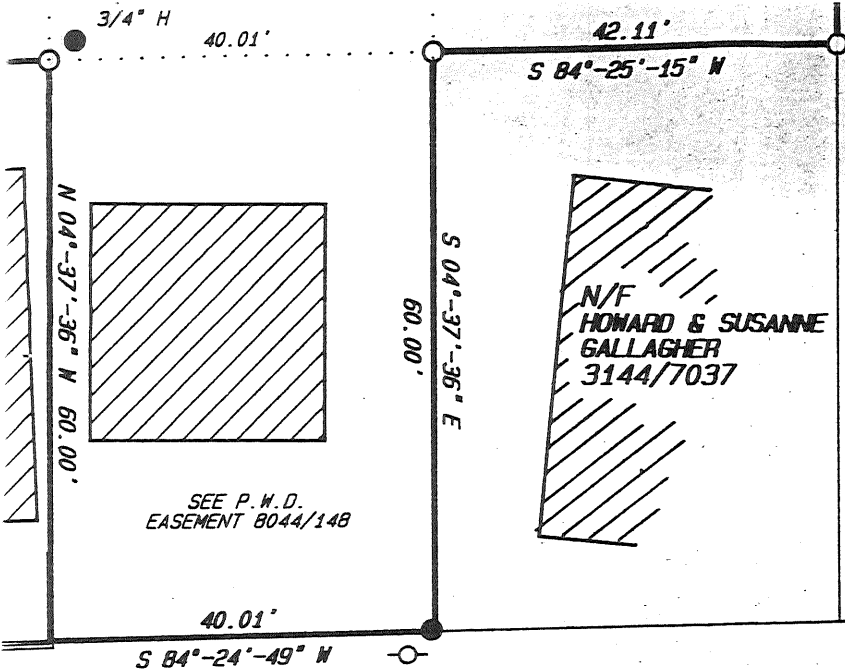


**STANDARD BOUNDARY SURV**  
New Island Avenue Peaks Island, M

made for  
**John E. Feeney**  
Peaks Island, Maine

Job 97010 Book S-2 File S0003 Disc 50

July 14, 1997



**NOTES**

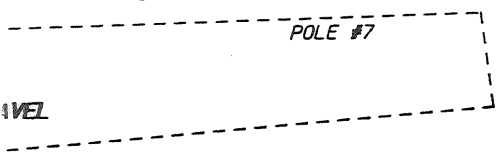
- 1) BEARINGS ARE BASED ON MAGNETIC NORTH 1997.
- 2) DEED AND PLAN BOOK REFERENCES ARE TO THE CUMBERLAND COUNTY REGISTRY OF DEEDS.

**OWNER OF RECORD**

JOHN E. FEENEY, SR. and LORRAINE L. FEENEY  
 11444/215 & 217, 12827/176, 12827/173

**AREA**

TOTAL AREA = 9,765 sf or 0.22 ac



**STANDARD BOUNDARY SURVEY**  
 New Island Avenue Peaks Island, Maine

made for

**John E. Feeney**  
 Peaks Island, Maine

Job 97010 Book S-2 File S0003 Disc S004

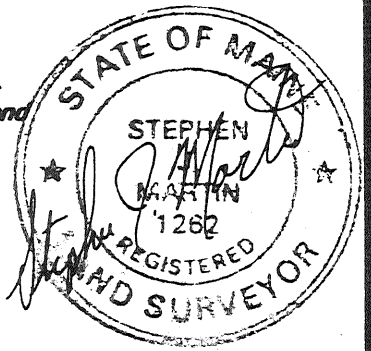
July 14, 1997

**STEPHEN J. MARTIN, PLS**  
 PROFESSIONAL LAND SURVEYOR  
 36 Straw Road, Gorham, Maine

conforms to the current standards  
 of Licensure for Professional Land  
 or Category I, Condition II,  
 dated:

red Description Prepared To Date.  
 on Pin Set At Southeast Corner.

I. Martin PLS 1262



12/1/55

01.  
AP.

3/4" H

N/F  
MARY SLAVINSKI  
7435/194

N/F  
SUSAN P. LANG  
4728/68

1/2" H

40.01'

S 84°-24'-49" W

Capped  
Rebar #387

N/F  
ERIC M. WEST  
12660/115

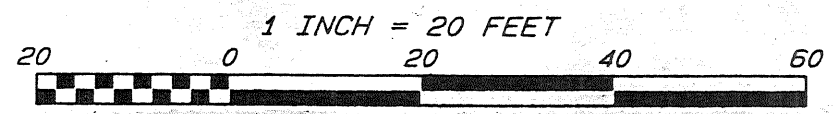
1/2" H

POLE #6

SPRUCE AVENUE  
(Assumed 40' Wide)

**LEGEND**

- IRON PIN FOUND
- IRON PIN SET (5/8" rebar with cap)
- N/F NOW OR FORMERLY OF
- UTILITY POLE
- - - EDGE OF GRAVEL
- ▨ EXISTING BUILDING
- ⊕ TEST PIT
- ☎ CONIFER TREE
- E - OVERHEAD ELECTRIC
- △ SURVEY CONTROL POINT



This su  
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Surveyo  
except

Excepti  
(1)  
(2)

Steph

16 SA  
152  
8  
719  
612  
142  
136  
784