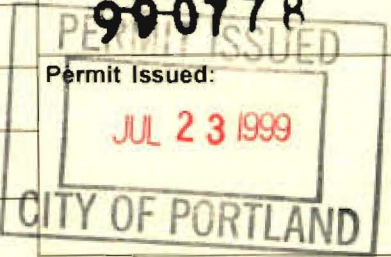


City of Portland, Maine – Building or Use Permit Application 389 Congress Street, 04101, Tel: (207) 874-8703, FAX: 874-8716

Location of Construction: 118 Beacon Street Portland 04102		Owner: Mark Malone		Phone: 772-0944		Permit No: 99-0778	
Owner Address: SAA		Lessee/Buyer's Name:		Phone:		BusinessName:	
Contractor Name: Pool Shed		Address: P.O. Box 124 RT 35 Buxton ME		Phone: 727-5181		Permit Issued: JUL 23 1999	
Past Use: single family		Proposed Use: same		COST OF WORK: \$ 12,900		PERMIT FEE: \$ 102.00	
				FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: U Type:	
Proposed Project Description: Install inground pool 18x36		Signature:		Signature:		Zone: R-3 CBL: 124-B-007	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied		Zoning Approval: OK 7/27/99	
Permit Taken By: SP		Date Applied For: July 21, 1999 K.		Signature:		Date:	



PERMIT ISSUED WITH REQUIREMENTS

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..

- 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: _____

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

July 21, 1999

SIGNATURE OF APPLICANT _____ ADDRESS: _____ DATE: _____ PHONE: _____

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

CEO DISTRICT



COMMENTS

7-27-99 Did Pre construction as Kether to call For Set Back
Verification when Frame is located, Told her about door alarms
on all doors leading to the pool, Told her about Fencing, and about
having the Master Electrician get a permit to wire the pool (TR)

8/12/99 Set Backs are OK check on Door alarm if there is a motion
alarm in the pool Fence Gates will have high latches 54" (TR)

8-17 Returned call to Mrs Malone about Alarms she is all set with
48" Gate latches

Inspection Record

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

THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE 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.

NOTEIf 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: 118 Beacon Street, Portland 04103

Tax Assessor's Chart, Block & Lot Number Chart# <u>124</u> Block# <u>B</u> Lot# <u>007</u>		Owner: <input checked="" type="checkbox"/> <u>MARK MALONE</u>	Telephone#: <u>772-2422 (work)</u> <u>772-0944 (home)</u>
Owner's Address: <u>118 Beacon St, Portland</u>		Lessee/Buyer's Name (If Applicable)	Cost Of Work: <u>\$ 12,900</u> Fee: <u>102</u> <u>\$ 85</u>
Proposed Project Description: (Please be as specific as possible) <u>Install an inground swimming pool 18'x36'</u>			
Contractor's Name, Address & Telephone <u>Pool Shed P.O. Box 124, Route 35 Buxton 04093</u>		<u>727-5181</u>	Rec'd By: <u>SR</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 internal property lines. Structures include decks porches, a bow windows cantilever sections and roof overhangs, as well as, stairs, pools, garages and any other accessory structures.
- Setback 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>[Signature]</u>	Date: <u>7-20-99</u>
--	----------------------

Building Permit Fee: ~~\$25.00~~ for the 1st \$1000 cost plus ~~\$5.00~~ per \$1,000.00 construction cost thereafter.

O:\INSP\CORRESP\MNUGENT\APADSFD.WPD

30

6.9



BUILDING PERMIT REPORT

DATE: 22 July 99 ADDRESS: 118 Beacon St. CBL: 124-B-007
 REASON FOR PERMIT: 18'x36' inground pool
 BUILDING OWNER: Mark Malone
 PERMIT APPLICANT: Pool Shed
 USE GROUP U BOCA 1996 CONSTRUCTION TYPE _____

CONDITION(S) OF APPROVAL

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

Approved with the following conditions: *1 *27 *34


- *1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
2. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection)
3. 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
4. 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)
5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code.
6. Precaution must be taken to protect concrete from freezing. Section 1903.0
7. 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.
8. 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)
9. 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
10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
11. 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 3e4" 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)
12. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/2" maximum rise. All other Use Group minimum 11" tread, 7" maximum rise. (Section 1014.0)
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6'8") 1014.4
15. 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)
16. 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)
17. 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)
18. 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)
19. 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

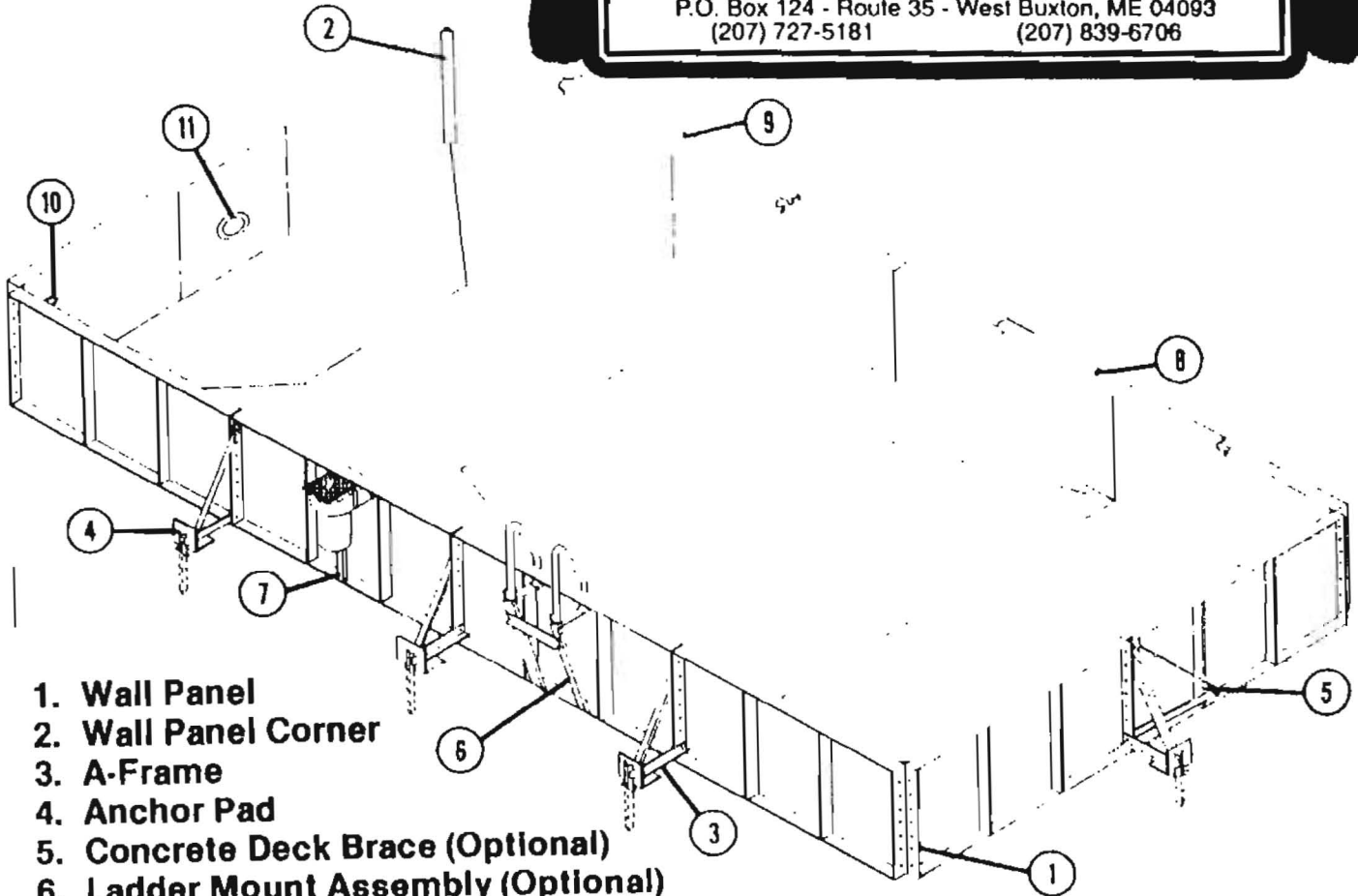
In addition to the required AC primary power source, required smoke detectors in occupancies in Use Groups R-2, R-3 and I-1 shall receive power from a battery when the AC primary power source is interrupted. (Interconnection is required) Section 920.3.2.

20. 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)
21. The Fire Alarm System shall maintained to NFPA #72 Standard.
22. The Sprinkler System shall maintained to NFPA #13 Standard.
23. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1996)
24. 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".
25. 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 the Division of Inspection Services.
26. Ventilation shall meet the requirements of Chapter 12 Sections 1210.0 of the City's Building Code. (Crawl spaces & attics).
- *27. All electrical, plumbing and HVAC permits must be obtained by a Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done.
28. All requirements must be met before a final Certificate of Occupancy is issued.
29. 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).
30. 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)
31. Please read and implement the attached Land Use Zoning report requirements.
32. Boring, cutting and notching shall be done in accordance with Sections 2305.4.4, 2305.5.1 and 2305.5.3 of the City's Building Code.
33. Glass and glazing shall meet the requirements of Chapter 24 of the building code.
- *34. Read and Implement attached section 421. Swimming pool requirements
35. _____
36. _____

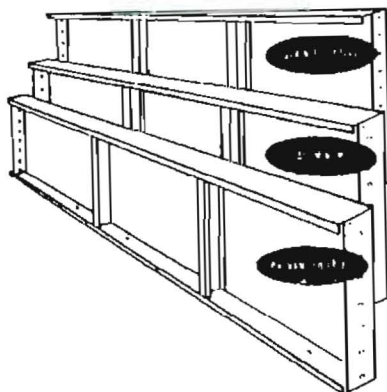

P. Samuel Hoffner, Building Inspector
E. M. McDougall, PFD
Marge Schmuckal, Zoning Administrator

PSH 12-14-91

**On the basis of plans submitted and conditions placed on these plans any deviations shall require a separate approval.



1. Wall Panel
2. Wall Panel Corner
3. A-Frame
4. Anchor Pad
5. Concrete Deck Brace (Optional)
6. Ladder Mount Assembly (Optional)
7. Skimmer Support
8. "Holiday" Rim Coping
9. 8" Snap-Strip Coping (Optional)
10. Return Fitting
11. Underwater Light (Optional)

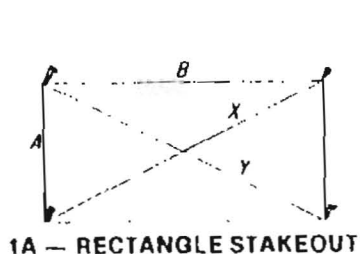


Stainless steel walls are manufactured from super-strong .060 stainless steel to withstand unusual stress conditions. This structurally superior material offers exceptional strength, optimum corrosion resistance and ease of installation.

ALCLAD aluminum 5" walls provide added protection against corrosive attack by water and soil. Features two 5" extruded aluminum upright braces on each panel.

Galvanized 14 gauge corrosion-resistant 5" steel walls feature two 5" upright braces specially welded for unmatched support.

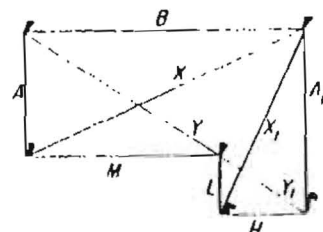
FIGURE 1 — POOL EXCAVATION LAYOUT



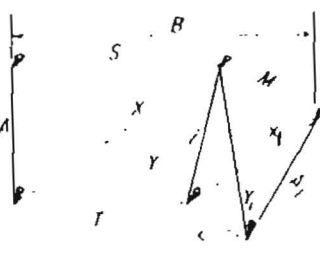
1A — RECTANGLE STAKEOUT



1B — GRECIAN STAKEOUT



1C — TRUE "L" STAKEOUT

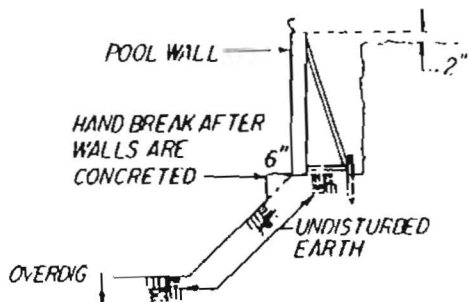


1D — LAZY "L" STAKEOUT

EXCAVATION NOT POOL MEASUREMENTS

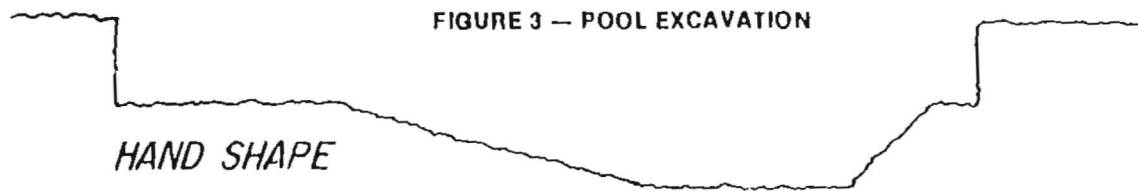
POOL SIZE	EXCAVATION SIZE		EXCAVATION DIAGONALS	
	A	B	X	Y
12' x 24'	10'	20'	32' - 3"	
14' x 28'	18'	32'	36' - 8 1/2"	
16' x 24'	20'	20'	34' - 4 1/2"	
16' x 32'	20'	30'	41' - 2 1/4"	
16' x 34'	20'	30'	42' - 1 1/2"	
16' x 40'	20'	44'	40' - 4"	
18' x 30'	22'	40'	45' - 7 1/2"	
20' x 40'	24'	44'	50' - 1 1/2"	
24' x 48'	20'	52'	59' - 0 1/4"	
30' x 60'	34'	64'	72' - 5 1/2"	
16 1/2' x 32 1/2'	20 1/2'	30 1/2'	32' - 10 1/2"	
16 1/2' x 35'	20 1/2'	39 1/2'	35' - 2 1/2"	
18 1/2' x 40 1/2'	22 1/2'	44 1/2'	40' - 5 1/2"	
20 1/2' x 44 1/2'	24 1/2'	48 1/2'	44' - 1 1/2"	

FIGURE 2 — INITIAL FORMING OF POOL BOTTOM

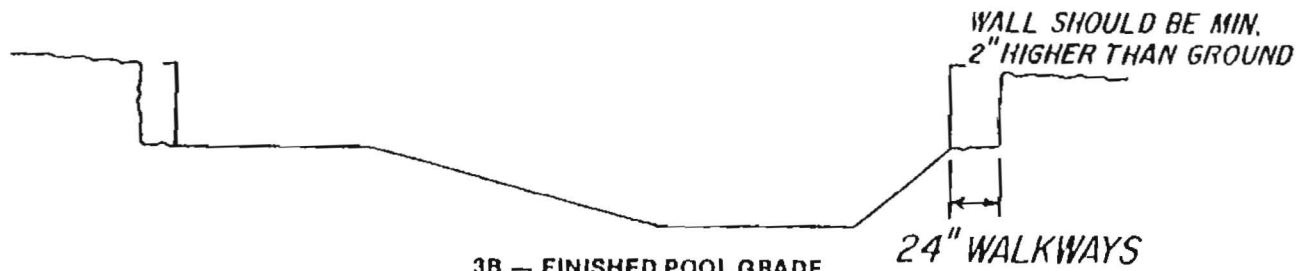


EXCAVATION SIZE	POOL SIZE		LAZY	LAZY
	16'x36'x24' "L"	20'x44'x36' "L"		
A	20'	24'	20'	24'
U	40'	48'	44' - 11 1/2"	50' - 10 1/2"
A ₁	28'	40'	20'	24'
H	16'	20'	—	—
L	8'	16'	10' - 2 1/2"	10' - 2 1/2"
M	24'	28'	15' - 0 1/2"	16' - 6 1/2"
S	—	—	31' - 6 1/2"	36' - 6 1/2"
T	—	—	26' - 2 1/4"	30' - 2 1/4"
EXCAVATION DIAGONALS				
X	44' - 0 1/2"	53' - 8"	37' - 4 1/2"	43' - 8 1/2"
Y	31' - 2 1/4"	30' - 10 1/2"	32' - 11 1/2"	38' - 6 1/2"
X ₁	32' - 3"	44' - 0 1/2"	22' - 5 1/2"	26' - 0 1/2"
Y ₁	17' - 10 1/4"	25' - 7 3/4"	25' - 3 3/4"	29' - 1 1/2"
Z	—	—	20' - 0 1/2"	24' - 10"

FIGURE 3 — POOL EXCAVATION



3A — ROUGH EXCAVATION



3B — FINISHED POOL GRADE

Submission Requirements Residential Construction

When a property owner is proposing either a new structure or an addition, this office requires:

- A plot or site plan, showing the shape and dimensions of the entire lot, all existing and proposed structures on the lot and the distance that the structures are from all lot lines. For a new dwelling the plan must be prepared by a registered design professional. For dwelling additions, the plan can be prepared by the owner or agent. (See Figure 1)

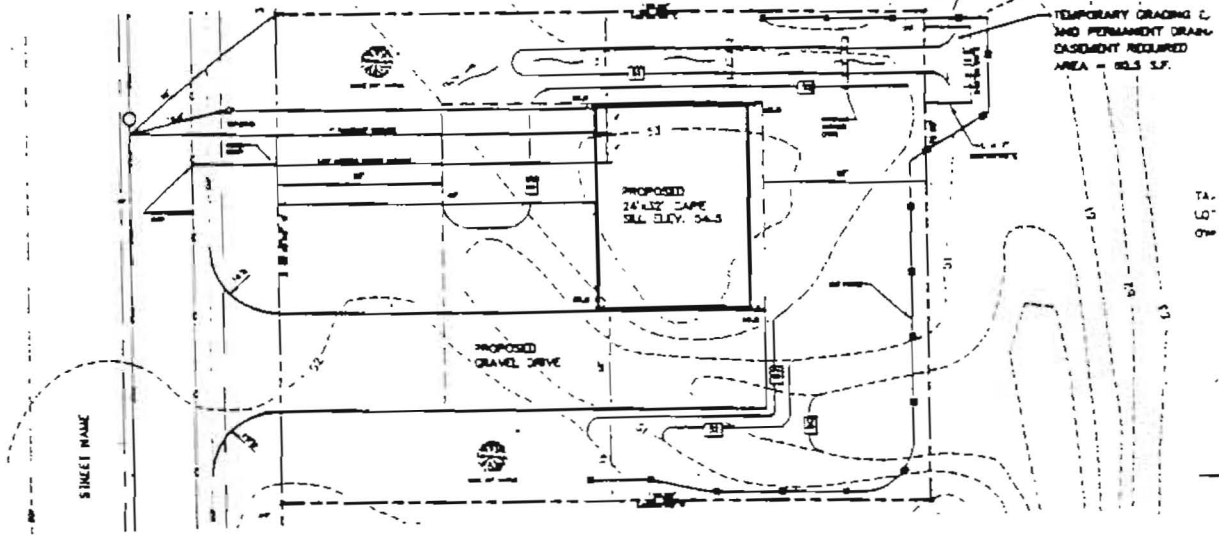


Figure 1. Typical Plot Plan

As can be seen, it is easy to establish the extent of compliance with the required setbacks and lot coverage.

- For new construction, structural alterations, or additions, plans showing structural details must be provided. Minimally they should include foundation plans, including drainage and support column spacing framing details, floor plans and a cross section. (See Figures 2, 3 & 4)

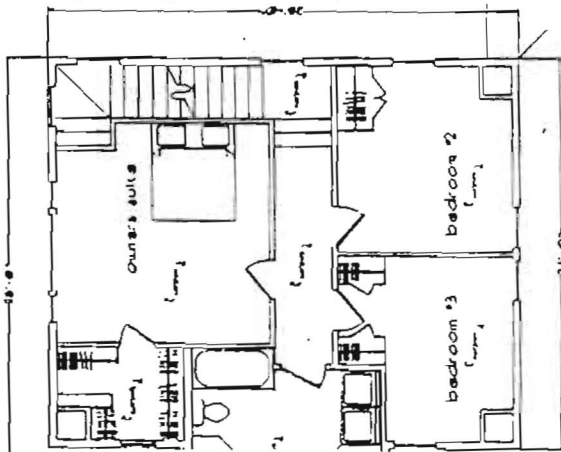


Figure 3. Typical Floor Plan

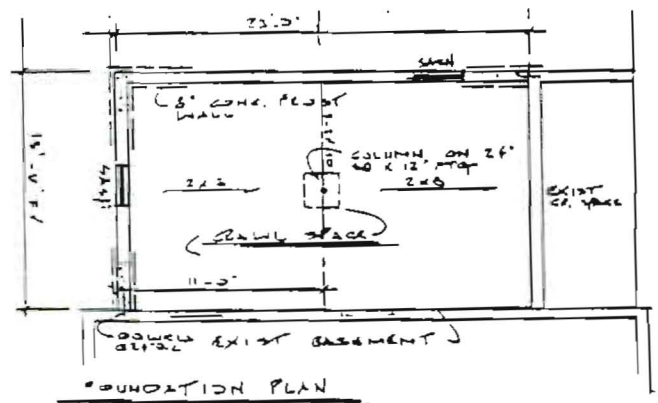


Figure 2. Typical Foundation Plan

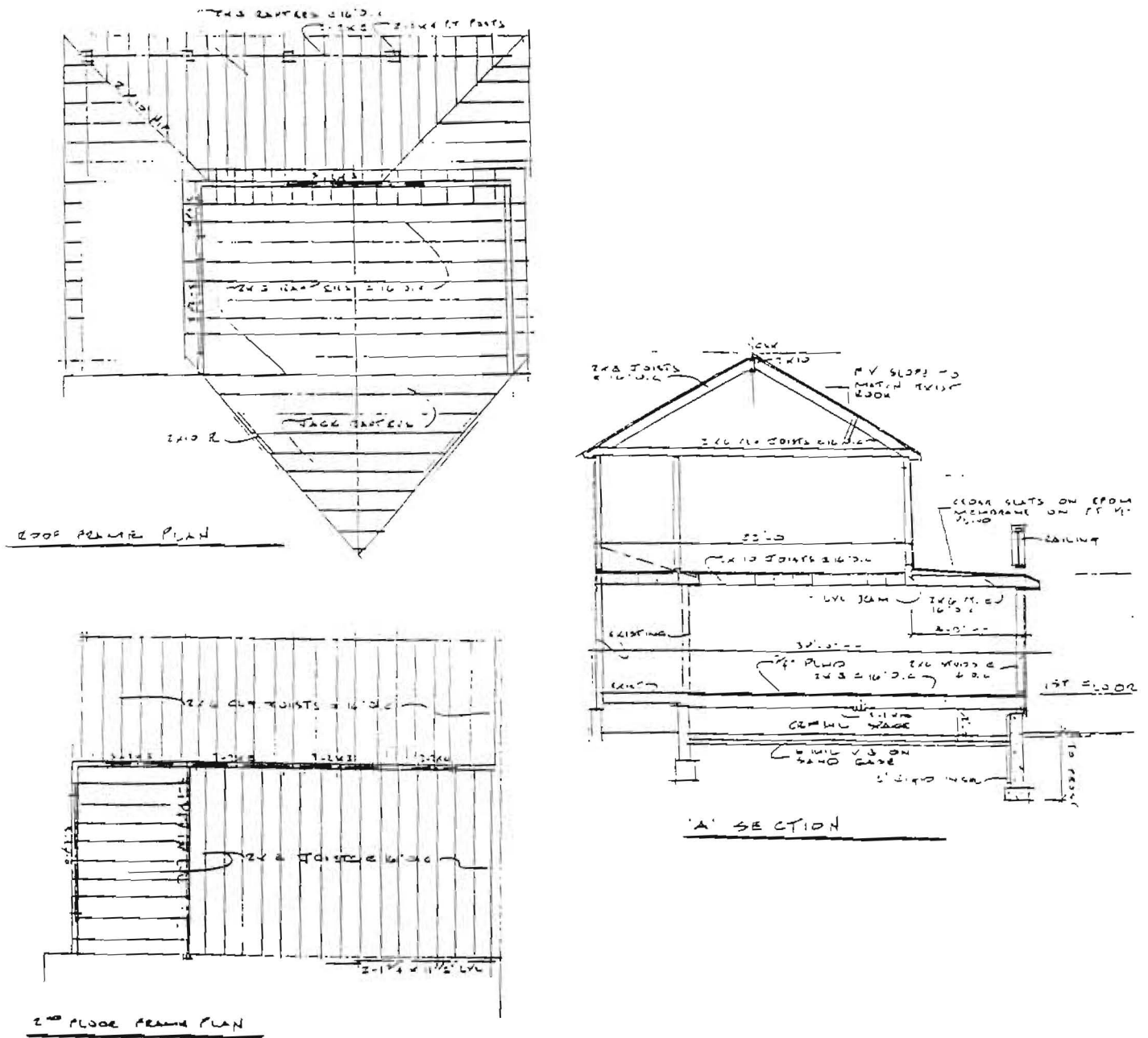


Figure 4. Typical Framing and Cross Section

These plans are all done by professionals, you can do your own plans for the purposes of residential construction, the plan does not have to be of this quality, but the level of detail and accuracy is important. When proposing an addition, similar plans are required, the same goes for a detached garage or an attached deck.

ELECTRICAL PERMIT

City of Portland, Me.



P

To the Chief Electrical Inspector, Portland Maine:
 The undersigned hereby applies for a permit to make electrical installations
 in accordance with the laws of Maine, the City of Portland Electrical Ordinance,
 National Electrical Code and the following specifications:

Date 8/10/99
 Permit # _____
 CBL# 124-B-007

SITE LOCATION: 118 Beacon Street

OWNER Malone, Mark **TENANT** _____

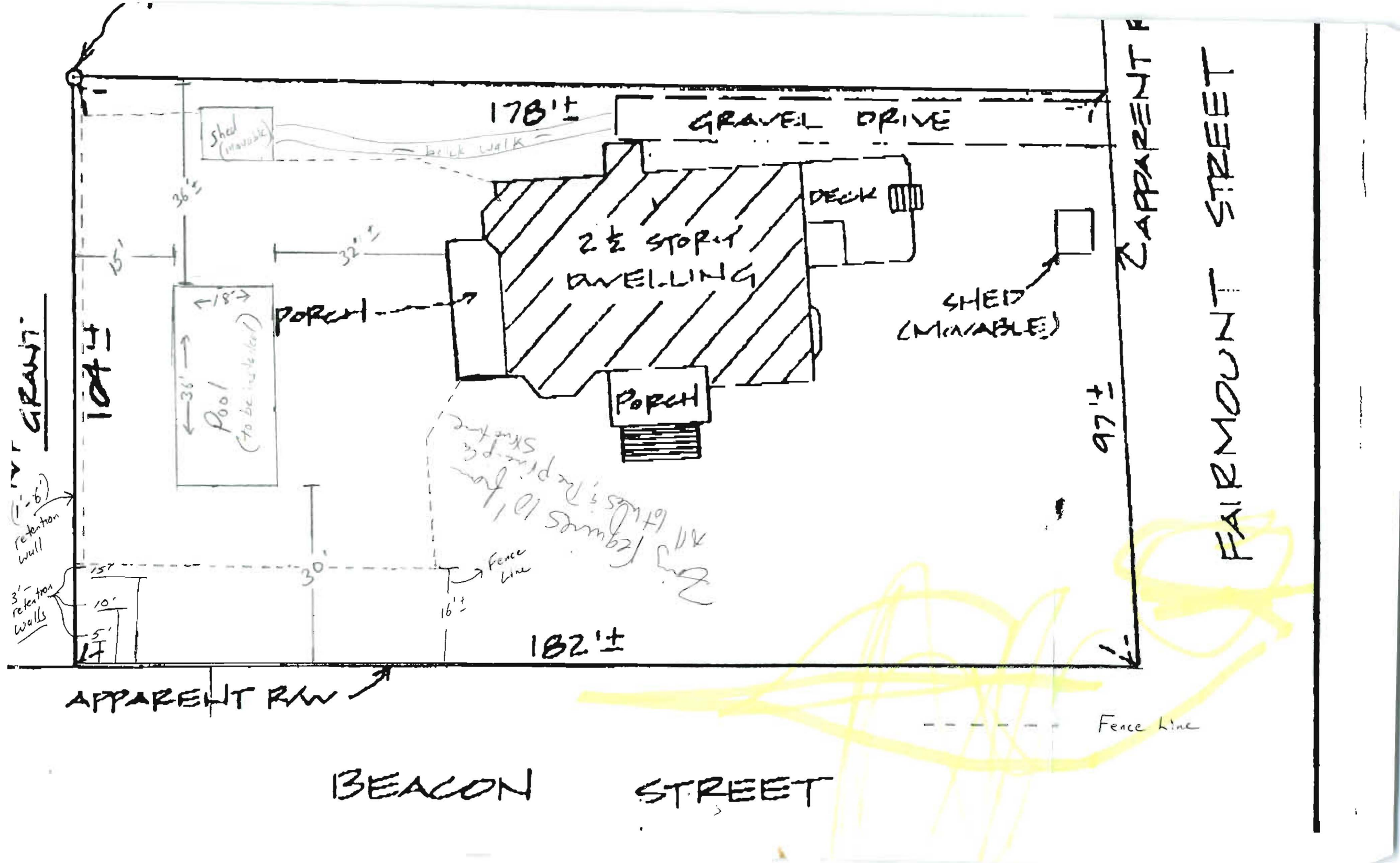
TOTAL EACH FEE

OUTLETS	Receptacles	Switches	Smoke Detectors				
						.20	
FIXTURES	incandescent	fluorescent	Strips			.20	
SERVICES	Overhead	Underground	TTL AMPS	<800		15.00	
	Overhead	Underground		>800		25.00	
Temporary Service	Overhead	Underground	TTL AMPS			25.00	
						25.00	
METERS	(number of)					1.00	
MOTORS	(number of)					2.00	
RESID/COM	Electric units					1.00	
HEATING	oil/gas units	Interior	Exterior			5.00	
APPLIANCES	Ranges	Cook Tops	Wall Ovens			2.00	
	Insta-Hot	Water heaters	Fans			2.00	
	Dryers	Disposals	Dishwasher			2.00	
	Compactors	Spa	Washing Machine			2.00	
	Others (denote)					2.00	
	MISC. (number of)	Air Cond/win					3.00
		Air Cond/cent			Pools	Y	10.00
HVAC		EMS	Thermostat			5.00	
Signs						10.00	
Alarms/res						5.00	
	Alarms/com					15.00	
	Heavy Duty(CRKT)					2.00	
	Circus/Carnv					25.00	
	Alterations					5.00	
	Fire Repairs					15.00	
	E Lights					1.00	
	E Generators					20.00	
PANELS	Service	Remote	Main			4.00	
TRANSFORMER	0-25 Kva					5.00	
	25-200 Kva					8.00	
	Over 200 Kva					10.00	
				TOTAL AMOUNT DUE			
				MINIMUM FEE/COMMERCIAL 35.00	MINIMUM FEE 25.00	<u>25.00</u>	

INSPECTION: Will be ready _____ or will call _____

CONTRACTORS NAME Peter Doria **MASTER LIC. #** 04821
ADDRESS 135 Bolton St. **LIMITED LIC. #** _____
TELEPHONE 775-0888

SIGNATURE OF CONTRACTOR _____



GRANT

104'±

178'±

GRAVEL DRIVE

Shed (movable)

black walk

36'±

5'

POUR

Pool
(to be installed)

18'±

36'

32'±

2 1/2 STORY DWELLING

DECK

SHED (MOVABLE)

PORCH

97'±

Fence line
10' from 16' lines & 10' from 11' lines

182'±

APPARENT R/W

BEACON STREET

STREET

APPARENT R/W

FAIRMOUNT STREET

Fence line