

SCANNED

Form # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

**CITY OF PORTLAND**

**BUILDING INSPECTION**

**PERMIT**

Permit Number: 101194

PERMIT ISSUED

Please Read Application And Notes, If Any, Attached

This is to certify that Turner Stephen & /self

has permission to Build new 16' x 20' deck.

AT 69 Summit St CBL 398 A014001.

NOV - 5 2007

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is lathed or otherwise closed-in. 24 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. \_\_\_\_\_

Health Dept. \_\_\_\_\_

Appeal Board \_\_\_\_\_

Other \_\_\_\_\_

Department Name

Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

**City of Portland, Maine - Building or Use Permit Application**

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

Permit No: 10-1194	Issue Date:	CBL: 398 A014001
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Location of Construction: 69 Summit St	Owner Name: Turner Stephen &	Owner Address: 69 Summit St	Phone: 207-899-1574
Business Name:	Contractor Name: self	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Dwellings	Zone: R-2

Past Use: Single Family	Proposed Use: Single Family / Build new 16' x 20' deck.	Permit Fee: \$70.00	Cost of Work: \$4,500.00	CEO District: 5	AO, 504 #
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FIRE DEPT: MIA <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: Type: SB IRL 2003 Signature:
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Proposed Project Description:  
Build new 16' x 20' deck.

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

Permit Taken By: gg	Date Applied For: 09/23/2010
------------------------	---------------------------------

**Zoning Approval**

- 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..

<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"/> Date:  9/24/10	<b>Zoning Appeal</b> <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:	<b>Historic Preservation</b> <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:
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**PERMIT ISSUED**

NOV - 5 2010

City of Portland

**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 \_\_\_\_\_

4-14-11

9. 4' Deep Sono-tubes  
8" Diameter all to plan cleary to per  
N/A

9-28-11 DWM/GEF Stephen 671-3316 Fmal Provide Handrail,  
blockings at girder,

**City of Portland, Maine - Building or Use Permit**

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

Permit No: 10-1194	Date Applied For: 09/23/2010	CBL: 398 A014001
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Location of Construction: 69 Summit St	Owner Name: Turner Stephen &	Owner Address: 69 Summit St	Phone: 207-899-1574
Business Name:	Contractor Name: self	Contractor Address: Portland	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Dwellings	

Proposed Use: Single Family / Build new 16' x 20' deck.	Proposed Project Description: Build new 16' x 20' deck.
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**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Marge Schmuckal      **Approval Date:** 09/24/2010

**Note:** **Ok to Issue:**

- 1) Separate permits shall be required for future decks, sheds, pools, and/or garages.
- 2) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.
- 3) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 4) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

**Dept:** Building      **Status:** Approved with Conditions      **Reviewer:** Jonathan Rioux      **Approval Date:** 11/05/2010

**Note:** **Ok to Issue:**

- 1) Fastener schedule per the IRC 2003
- 2) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.

**Comments:**

10/25/2010-jrioux: Need specs for floor joist and fall protection.

11/5/2010-jrioux: Spoke with Owner, he is using (2) 2X 10" beams; supported on 8" "Sona Tubes" 4 ft below grade, the floor joist are 2 X 10" @ 16" O.C.; 36 " fall protection will be provided.

**PERMIT ISSUED**

NOV - 5 2010

City of Portland

## BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY )

or email: [buildinginspections@portlandmaine.gov](mailto:buildinginspections@portlandmaine.gov)

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the City of Portland Inspection Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.
- Permits expire in 6 months, if the project is not started or ceases for 6 months.
- If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue with construction.

  X   Footing/Building Location Inspection: Prior to pouring concrete or setting precast piers

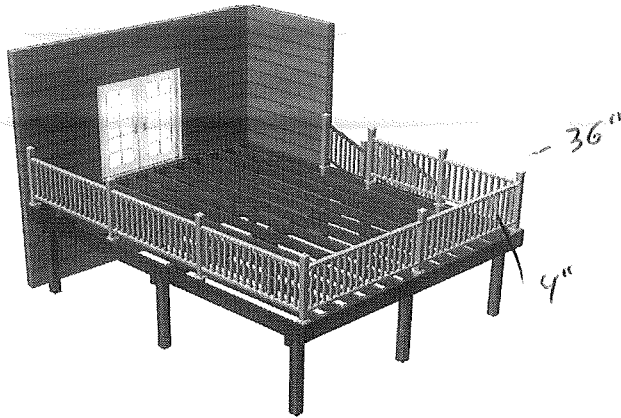
  X   Framing and final inspection required at completion of work.

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

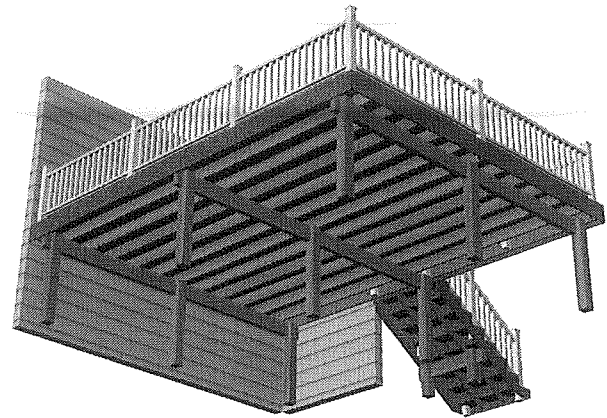
**IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.**

PERMIT ISSUED  
NOV - 5 2010  
City of Portland

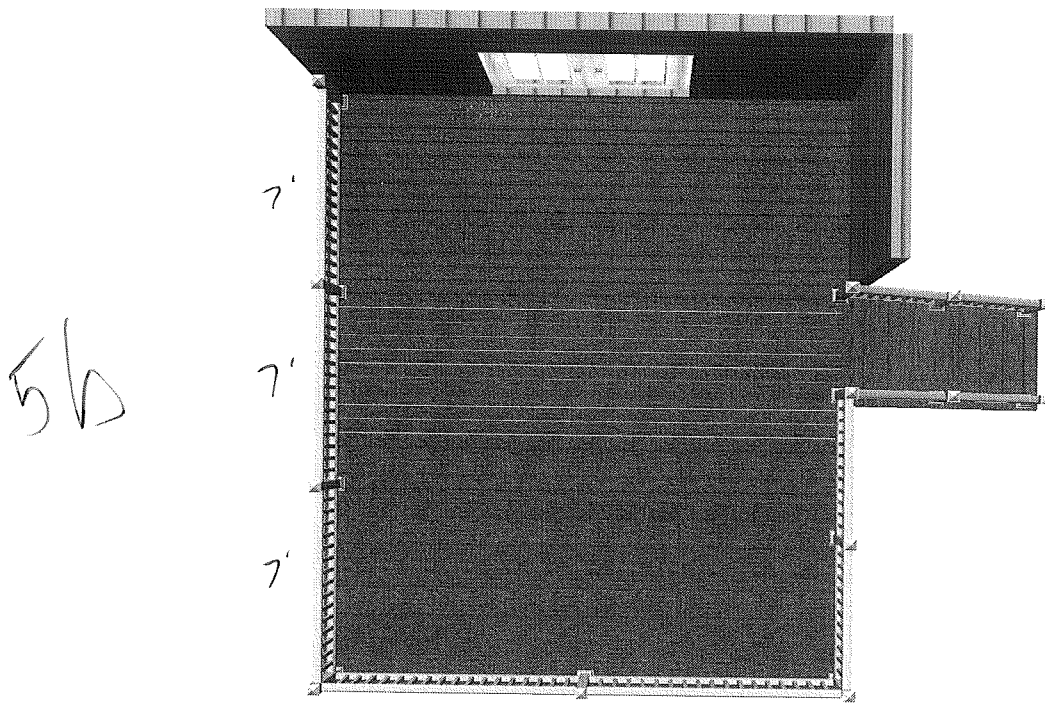
# Deck layout diagram



Top view without planks



Bottom view with planks



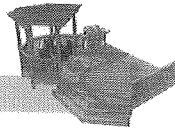
8' Top view with planks



Free Deck Guide



Search Deck Plans



Search Deck Builders



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  - Building
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  - Design
  - Forum
  - Videos
  - My Account
- 
- Concrete
  - Joist Span
  - Floor Materials
  - Railing / Baluster
  - Stairs & Steps**
  - Beams and Footings

- Calculators**
- Concrete**
- Square - round footings, walls, sidewalks, patios, pier & footing forms
  - Joist Span: Maximum joist span between beam and house or beam to beam
  - Floor Materials: Deck floor materials, screws and hidden fastener calculator
  - Railing / Baluster: Calculator 2x2 and classic Deckorators balusters
  - Stairs & Steps: Stringer length, Angle, Projection and number of risers needed
  - Beams and Footings: Determine your beam and footing size based on your joist span and post spacing.

### Stair Rise-Run & Materials Calculator

**Total Height:** Feet: 5    Inches: 6    & 0

**Run:** Inches: 10    & 1/2

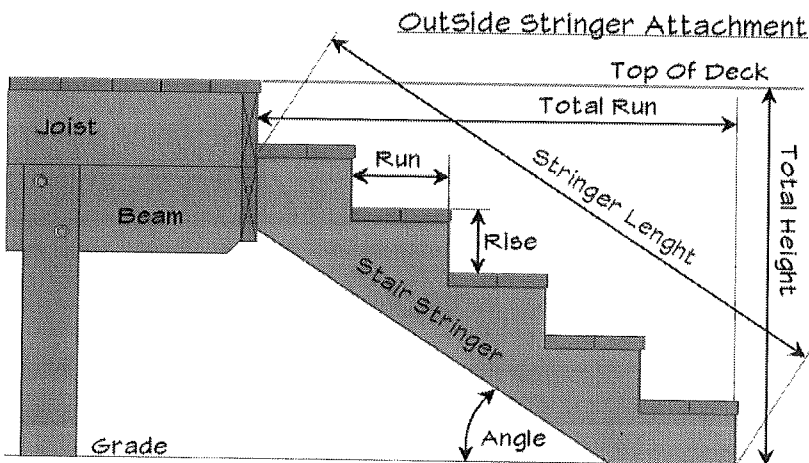
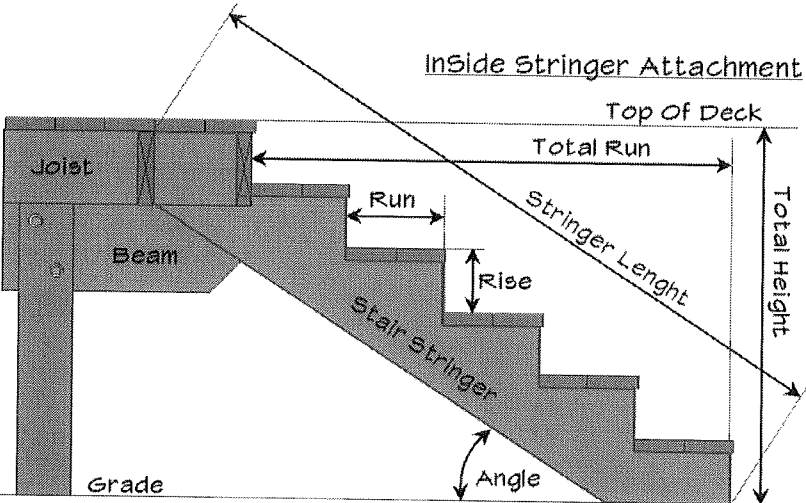
**Stringer Attachment:** (see diagram below)  
 Inside Frame     Outside Frame

9 rises of 7-5/16 inches     10 rises of 6-5/8 inches

We have found more than one option. Feel free to select another option to re-calculate

Based on 9 rises of 7-5/16 inches

**Stringer Length:** 9 feet 7-1/4 inches  
**Angle:** 34.93°  
**Total Run (Projection):** 7 feet 0 inches



read 11 Inches  
 Run 10.5 Inches  
 Rise 5  
 6C

**Sponsor Links**

- Hidden Deck Fasteners
- Outdoor Floor Stone Tile Pavers Outdoor Flooring
- Pressure Treated Wood
- StrongTie
- Build a Safe, Strong Deck
- Keep It Dry Under Your Deck
- Deck Railings
- Stainless Steel Cable Deck Railing
- Waterproof Aluminum Decking
- Deck Lighting - Deck Balusters - Post Caps ...
- Wood Defender Deck Stain
- Composite Decking
- Architectural Railing Systems Deck Railing

**More Links**  
[Click Here](#)



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Prices, promotions, styles, and availability may vary. Our local stores do not honor online pricing. Prices and availability of products and services are subject to change without notice. Errors will be corrected where discovered, and Lowe's reserves the right to revoke any stated offer and to correct any errors, inaccuracies or omissions including after an order has been submitted.

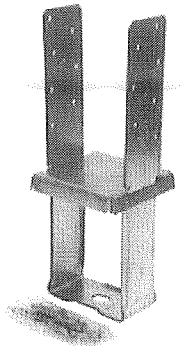
### Simpson Strong-Tie 6 x 6 Standoff Base

Item #: 108800 | Model #: CBSQ66-SDS2

Be the first to review this product!

**\$26.43**

36



#### 6 x 6 Standoff Base

- Base plate provides 1 In. standoff clearance required by code.
- Shipped with base plate assembled
- Made with 10 gauge galvanized steel strap and 12 gauge galvanized steel base.
- Install column with 14 Simpson SDS 1/4 In. x 2 In. screws

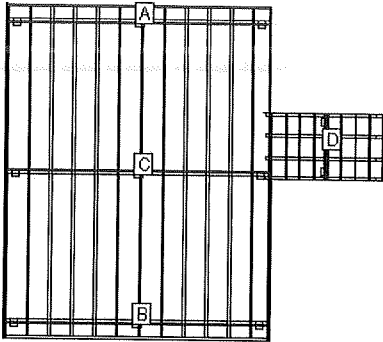
Minimum Size	6x6	Material	Steel
Maximum Size	6x6	Connector Coating	G90
Type	Base	Materials Connected	Wood to Concrete (Cast in Place)

Be the first to review this product!





## Permit Page: Level 1



### LOAD AND SUPPORT:

Your deck will support a 41 PSF live load.  
Posts have 0" below ground support.

### DECK AND POST HEIGHT:

You selected a height of 66" from the top of the decking to the ground level. The top of the deck support posts will therefore be 57" above ground level.

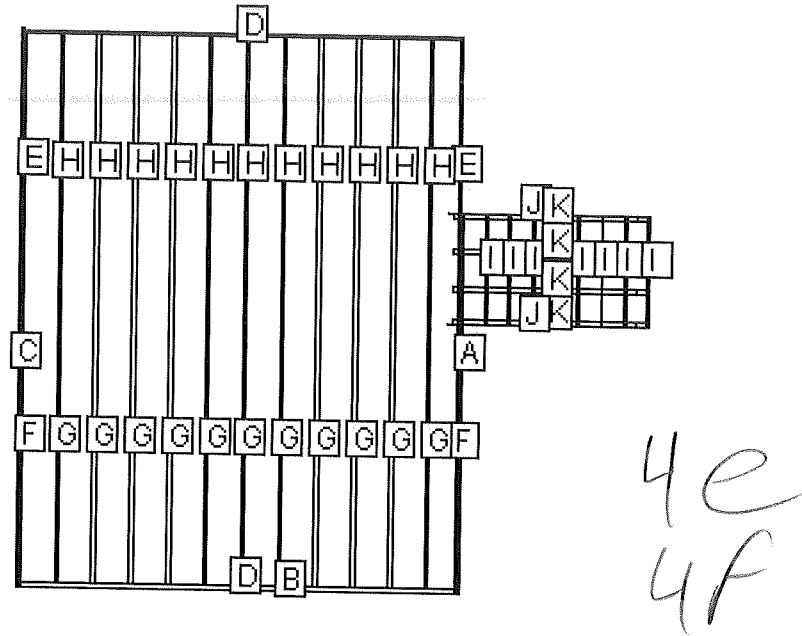
### Joists:

Set joists on top of beams, 16"; center to center.

## Stress Analysis: Level 1

Component	PSF
Joist Deflection	191
Joist Bending	64
Joist Shear	102
Joist Compression	102
Beam Deflection	253
Beam Bending	61
Beam Shear	51
Post Stability	98

## Framing Layout & Cut List: Level 1



LABEL	NAME	QTY	LENGTH	BEVELS	LABEL	NAME	QTY	LENGTH	BEVELS
A	Cladding	1	13' 8"		G	Internal Joist	11	9' 9 1/2"	
B	Cladding	1	16'		H	Internal Joist	11	9' 9 3/4"	
C	Cladding	1	20'		I	Riser	8	4' 1/2"	
D	Header	2	15' 7 1/4"		J	Cladding	2	8' 4"	
E	Rim Joist	2	9' 11"		K	Stringer	4	8' 4"	
F	Rim Joist	2	9' 11 1/4"						

Cut Angles: L=Left, R=Right, F=Front, S=Side



# General 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: <u>69 Summit St.</u>		
Total Square Footage of Proposed Structure/Area <u>360'</u>	Square Footage of Lot <u>37,200 / .93 Acres</u>	Number of Stories <u>1</u>
Tax Assessor's Chart, Block & Lot Chart# <u>398</u> Block# <u>A</u> Lot# <u>04001</u>	Applicant * <u>must be owner, Lessee or Buyer</u> * Name <u>Stephen Turner</u> Address <u>69 Summit St</u> City, State & Zip <u>Portland, ME 04103</u>	Telephone: <u>899-1574</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>4,500</u> C of O Fee: \$ _____ Total Fee: \$ <u>70.00</u>
Current legal use (i.e. single family) <u>Single Family</u> Number of Residential Units <u>1</u>		
If vacant, what was the previous use? _____		
Proposed Specific use: _____		
Is property part of a subdivision? _____ If yes, please name _____		
Project description: <u>Add deck to house 16' X 20'</u>		
Contractor's name: <u>Self</u>		
Address: _____		
City, State & Zip: _____		
Who should we contact when the permit is ready: _____		
Mailing address: _____		

RECEIVED

SEP 23 2010

Dept. of Building Inspections  
City of Portland Maine

**Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.**

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

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: [Signature] Date: 9-21-10

**This is not a permit; you may not commence ANY work until the permit is issue**

N/F  
MASON  
3154/423  
TAX MAP 398-A-1

N/F  
MASON  
3154/423  
TAX MAP 398-A-1

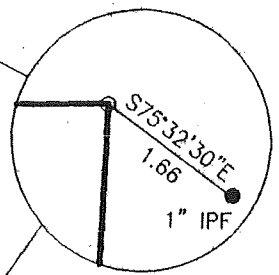
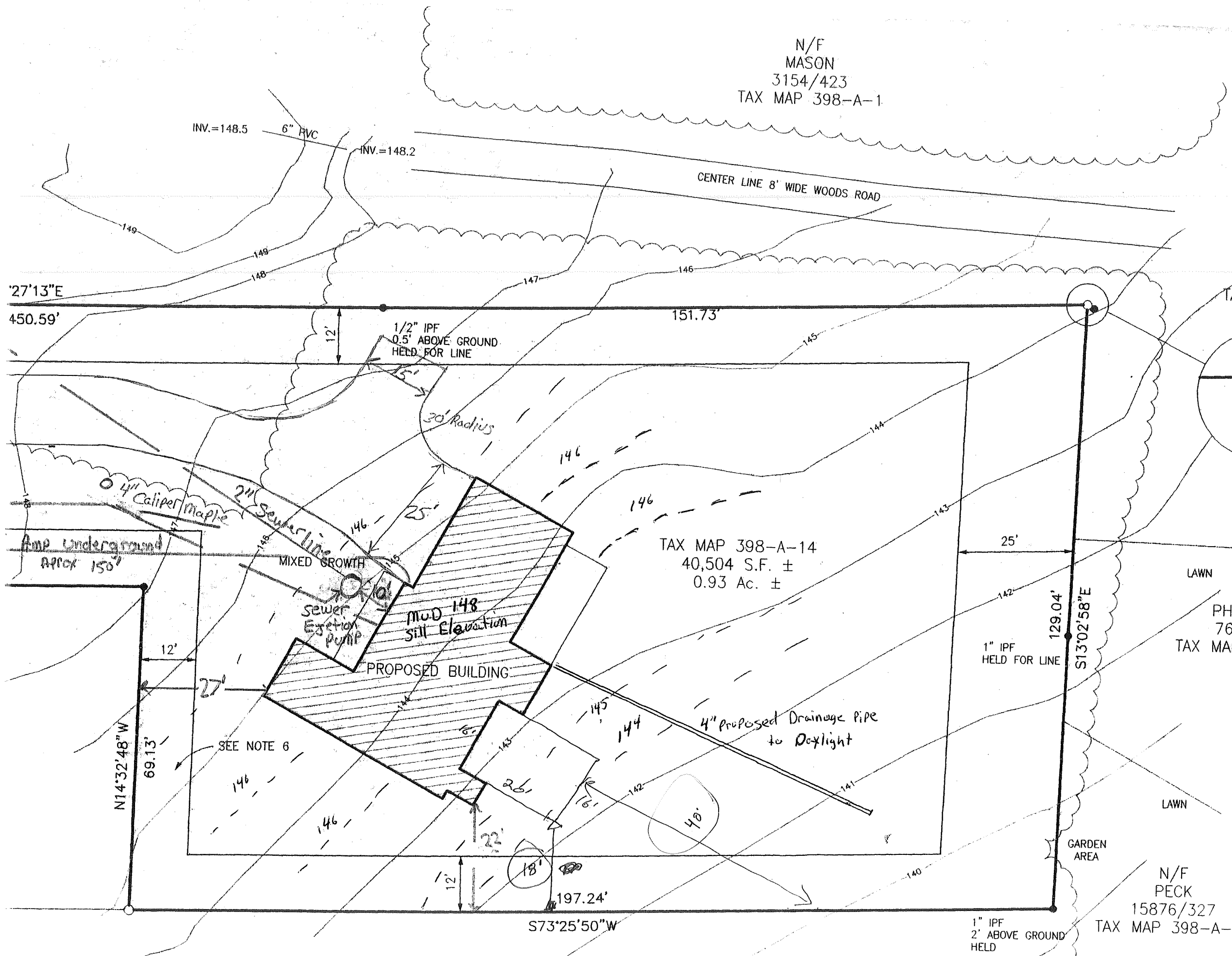
N/F  
PHILBROOK  
7666/312  
TAX MAP 398-A-27

N/F  
PECK  
15876/327  
TAX MAP 398-A-28

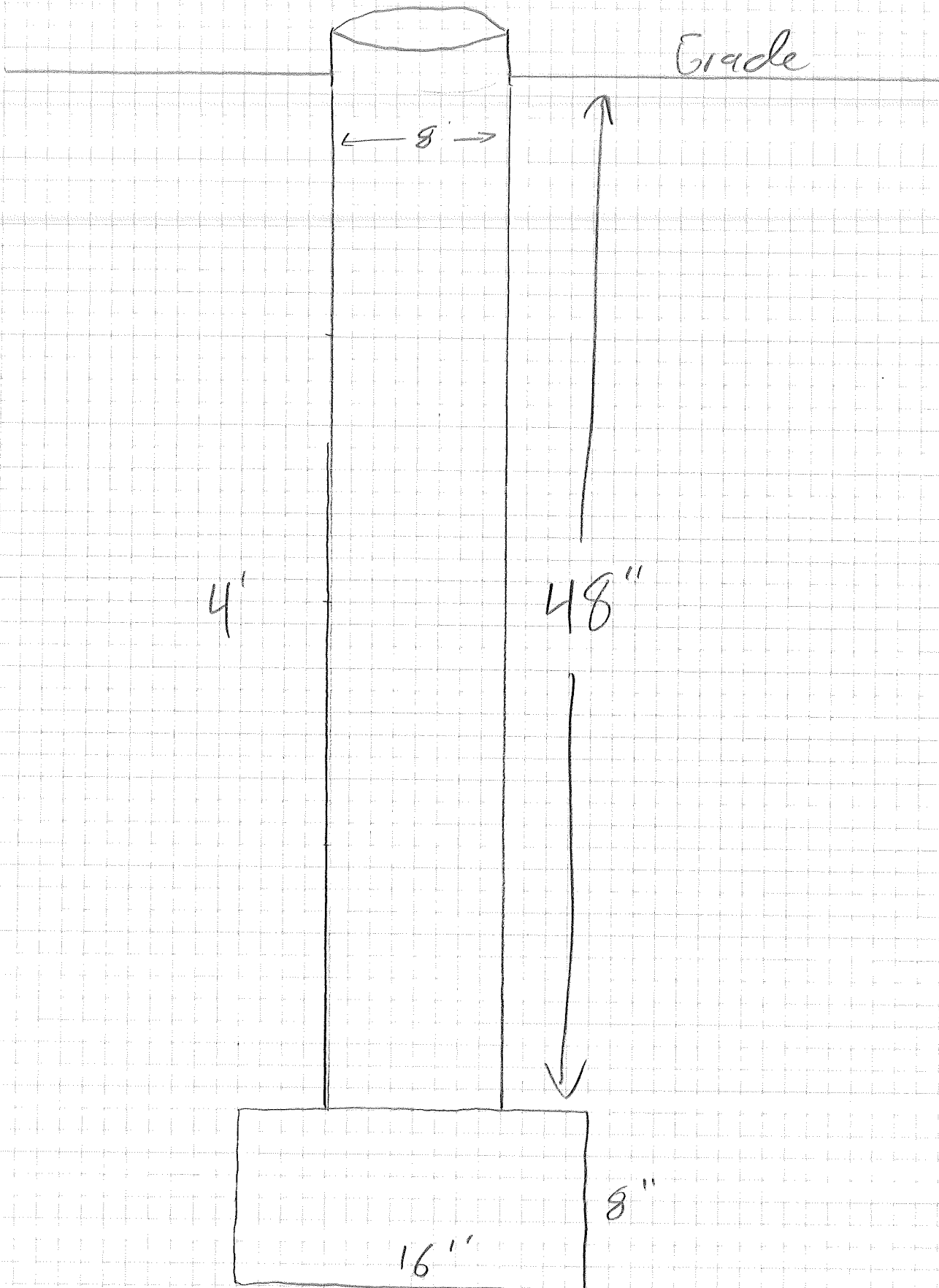
TAX MAP 398-A-14  
40,504 S.F. ±  
0.93 Ac. ±

R-2 Zone

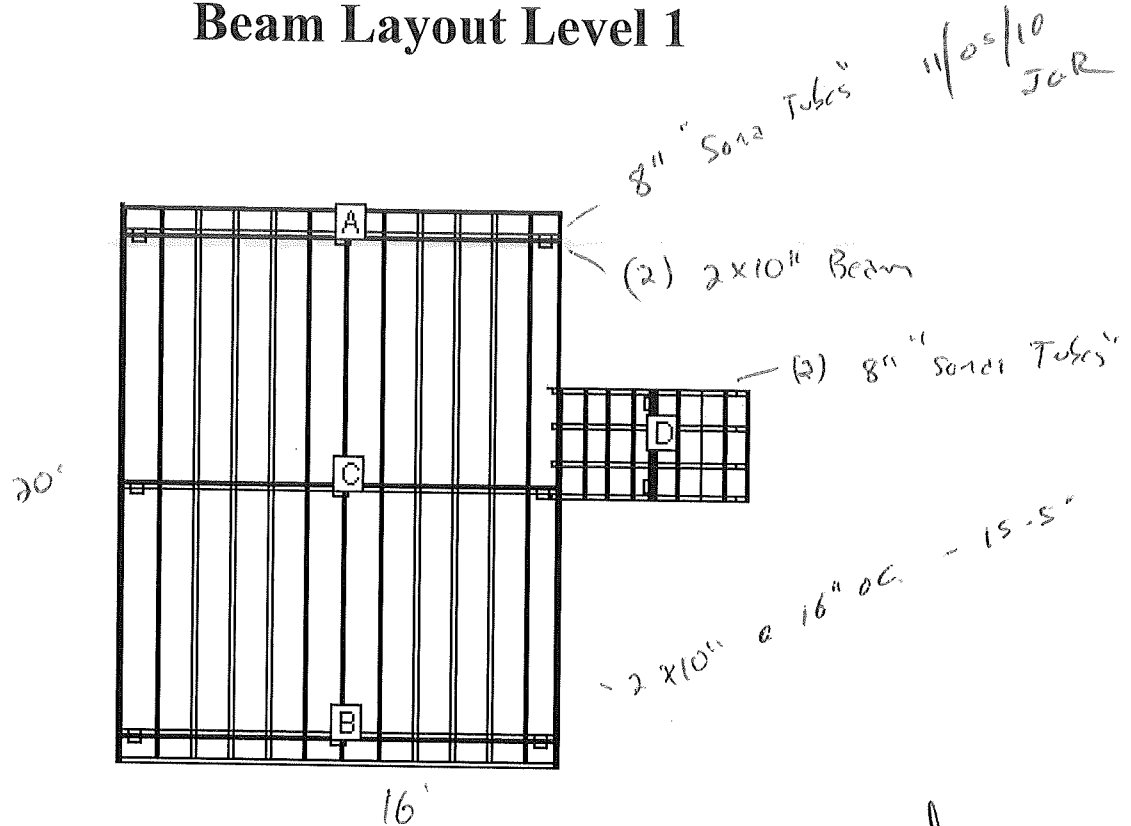
Front: 25' min - 25'  
REAR: 25' min - 40' + Shrub  
Side: 12' min - 18' given  
1 story



2b



# Beam Layout Level 1



**BEAM LABEL**

A  
B  
C  
D

6d

**BEAM LENGTH**

15' 10 1/4"  
15' 10 1/4"  
15' 10 1/4"  
4' 1/2"

4d

**POST COUNT**

3  
3  
3  
2

**POST SPACING**

7' 4 1/2"  
7' 4 1/2"  
7' 4 1/2"  
2' 11"

2d



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QUIKRETE 8" x 48" Builders Tube

Item #: 10149 | Model #: 692201

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**\$5.68**



8" x 48" Builders Tube

- Forms allow you to place the strongest foundation possible
- Holds in the concrete's water content, which results in maximum curing and strength buildup
- Forms can also be used to create attractive bases for posts
- Does not need to be removed - it degrades over time

Length (Inches)	48.0	Diameter (Inches)	8.0
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