

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK **CITY OF PORTLAND**

Please Read
Application And
Notes, If Any,
Attached

BUILDING INSPECTION

PERMIT

Permit Number: 070542

This is to certify that MULLEN PATRICIA I & M CO A DELIVERY ITS/property owner

has permission to 12 x 16 deck

AT 62 STEVENS AVE 194 C005001

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 when permission is procured before this building or part thereof is altered or 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: 07-0542 | | Issue Date: | | CBL: 194 C005001 | |
| Location of Construction: 62 STEVENS AVE | | Owner Name: MULLEN PATRICIA J & MARCO | | Owner Address: 62 STEVENS AVE | |
| Business Name: | | Contractor Name: property owner | | Contractor Address: Portland | |
| Lessee/Buyer's Name | | Phone: | | Permit Type: Dwelling Additions - Commercial | |
| Past Use: Single Family | | Proposed Use: Single Family 12x16 deck | | Zone: R3 | |
| Proposed Project Description: 12 x 16 deck | | Permit Fee: | | Cost of Work: \$0.00 | |
| | | CEO District: 3 | | | |
| | | FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied | | INSPECTION: Use Group: Type: | |
| | | Signature: | | Signature: | |
| | | Signature: | | Date: | |
| Permit Taken By: dmartin | | Date Applied For: 05/10/2007 | | 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: | | 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: | |
| | | 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: | | | |

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

City of Portland, Maine - Building or Use Permit

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

| | | |
|------------------------------|--|----------------------------|
| Permit No: 07-0542 | Date Applied For: 05/10/2007 | CBL: 194 C005001 |
|------------------------------|--|----------------------------|

| | | | |
|--|---|--|---------------|
| Location of Construction: 62 STEVENS AVE | Owner Name: MULLEN PATRICIA J & MARCO | Owner Address: 62 STEVENS AVE | Phone: |
| Business Name: | Contractor Name: property owner | Contractor Address: Portland | Phone: |
| Lessee/Buyer's Name | Phone: | Permit Type: Additions - Dwellings | |

| | |
|--|--|
| Proposed Use: Single Family 12x16 deck | Proposed Project Description: 12 x 16 deck |
|--|--|

| | | | |
|---------------------------------------|------------------------|------------------------------|--|
| Dept: Zoning | Status: Denied | Reviewer: Ann Machado | Approval Date: |
| Note: See letter dated 5/24/07 | | | Ok to Issue: <input type="checkbox"/> |
| Dept: Building | Status: Pending | Reviewer: | Approval Date: |
| Note: | | | Ok to Issue: <input type="checkbox"/> |

Comments:

5/14/2007-dmartin: Permit has been on hold waiting for Marco to bring in another plot plan, it was brought in today/dm

5/24/2007-amachado: Application for deck does not meet side yard on side street setback or lot coverage. See denial letter dated 5/24/07.

12/5/2007-amachado: Applicant never appealed.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Lee Urban- Director of Planning and Development
Marge Schmuckal, Zoning Administrator

May 24, 2007

Marco Deluty
62 Stevens Avenue
Portland, ME 04102

RE: 62 Stevens Avenue – 194 C005 – R3 – addition of deck – permit # 07-0542

Dear Mr. Deluty,

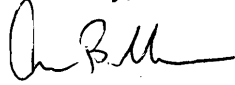
I am in receipt of your application to add a twelve-foot by sixteen-foot deck to the side of your house at 62 Stevens Avenue. Section 14-90(d)(4) of the ordinance states that the side yard setback on a side street in the R3 zone is twenty feet. The plot plan that you submitted with your application shows that the setback from the proposed porch to Rudman Street is thirteen feet to the street. Section 14-90(e) of the ordinance states that the maximum lot coverage in the R3 zone is thirty five percent. Your lot is 5,000 square feet. Thirty five percent of that is 1750 square feet. The footprint of your house with the front porch and side entry porch is 1240 square feet. Your garage is 572 square feet. The total square footage of the footprints of your existing structures is 1812 square feet. This is sixty-two feet over the allowable thirty five percent lot coverage. Since your proposed deck does not meet the side yard on a side street setback or the allowable lot coverage, I must deny your permit.

You have the right to appeal my decision. If you wish to exercise your right to appeal, you have thirty days from the date of this letter in which to appeal. If you should fail to do so, my decision is binding and not subject to appeal. I have enclosed a copy of the Practical Difficulty Variance Application and the Application Process for the Zoning Board of Appeals if you decide to apply. If you choose not to file an appeal, you are entitled to get most of your money back if you bring in the original receipt you got when you applied for the permit.

As I told you on the telephone this morning, your six foot by six foot entry porch on the side of the house did exist before 1957, so you can apply for a permit to rebuild that as long as it is within the existing footprint.

Please feel free to call me at 874-8709 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ann B. Machado', with a stylized, flowing script.

Ann B. Machado
Zoning Specialist
(207) 874-8709



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>62 STEVENS AVENUE, PORTLAND ME 04102</u> | | |
| Total Square Footage of Proposed Structure <u>160 sq ft</u> | | Square Footage of Lot |
| Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>194</u> <u>C</u> <u>005</u> | Owner: <u>MARCO DELUTY</u> <u>62 STEVENS AVE</u> <u>PORTLAND ME 04102</u> | Telephone: <u>207-318-3381</u> |
| Lessee/Buyer's Name (If Applicable) | Applicant name, address & telephone: <u>MARCO DELUTY</u> <u>62 STEVENS AVE</u> <u>PORTLAND ME 04102</u> <u>207-318-3381</u> | Cost Of Work: \$ <u>3000.00</u> Fee: \$ <u>50</u> C of O Fee: \$ <u>N/A</u> |
| Current legal use (i.e. single family) <u>SINGLE FAMILY</u> If vacant, what was the previous use? _____ Proposed Specific use: _____ Is property part of a subdivision? <u>NO</u> If yes, please name _____ Project description: <u>DECK CONSTRUCTION</u> | | |
| Contractor's name, address & telephone: <u>N/A</u> Who should we contact when the permit is ready: <u>MARCO DELUTY</u> Mailing address: _____ Phone: <u>207-318-3381</u> | | <div>DEPT. OF BUILDING INSPECTION CITY OF PORTLAND, ME</div> <div>MAY 10 2007</div> <div>RECEIVED</div> |

**Please submit all of the information outlined in the Commercial Application 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 visit us on-line at www.portlandmaine.gov, stop by the Building Inspections 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 of applicant: <u>Marco Deluty</u> | Date: <u>5-10-07</u> |
|---|----------------------|

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

CC

R3

lotsize. 5000 ϕ

front set back 25' req.

rear. 25' req.

Side/sideset. (30') - 13' b'set.

lot coverage = 35% = 1750

32'
TO PROPERTY LINE

22 X 26
GARAGE

RUDMAN ROAD (100' FRONTAGE)

13'
TO STREET
(PROPERTY LINE UNKNOWN)

STAIR

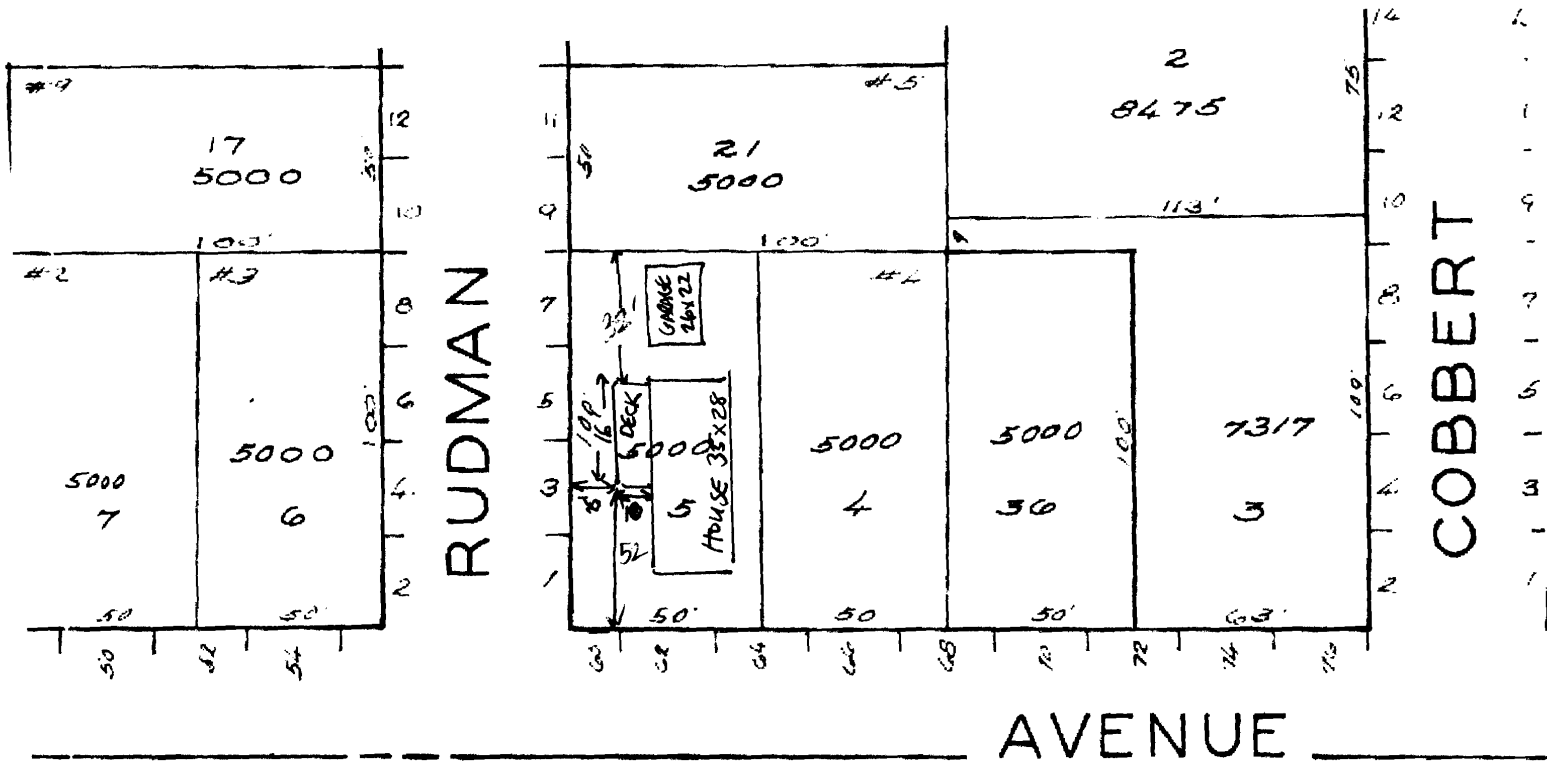
12 x 16
PROPOSED DECK

43 x 28
HOUSE

52'
TO PROPERTY LINE

building = 1204
garage = 572

1776 over w/ existing house
side entry porch 36 ? garage.
1812



SHEET 188-A

GRADE DENOTES QUALITY OF CONSTRUCTION: A—EXCELLENT; B—GOOD; C—AVERAGE; D—CHEAP; E—VERY CHEAP

YEAR 1938
GAR ADDN

YEAR 19

MAR 3 '59

| FOUNDATION | | | | FLOOR CONST. | | | | PLUMBING | | | | |
|--------------------|--|--|--|---------------------|---|---|---|------------------|--------------------|-----|-----|--|
| CONCRETE | | | | WOOD JOIST | | | | BATHROOM | | | | |
| CONCRETE BLOCK | | | | STEEL JOIST | | | | TOILET ROOM | | | | |
| BRICK OR STONE | | | | MILL TYPE | | | | WATER CLOSET | | | | |
| PIERS | | | | REIN. CONCRETE | | | | LAVATORY | | | | |
| CELLAR AREA FULL | | | | FLOOR FINISH | | | | KITCHEN SINK | | | | |
| 1/4 1/2 3/4 | | | | | B | 1 | 2 | 3 | STD. WAT. HEAT | | | |
| NO. CELLAR | | | | CEMENT | | | | | AUTO. WAT. HEAT | | | |
| EXTERIOR WALLS | | | | EARTH | | | | | ELECT. WAT. SYST. | | | |
| CLAPBOARDS | | | | PINE | | | | | LAUNDRY TUBS | | | |
| WIDE SIDING | | | | HARDWOOD | | | | | NO PLUMBING | | | |
| DROP SIDING | | | | TERRAZZO | | | | | | | | |
| NO SHEATHING | | | | TILE | | | | | | | | |
| WOOD SHINGLES | | | | | | | | | | | | |
| ASBS. SHINGLES | | | | | | | | | | | | |
| STUCCO ON FRAME | | | | ATTIC FLR. & STAIRS | | | | TILING | | | | |
| STUCCO ON TILE | | | | INTERIOR FINISH | | | | BATH FL. & WCOT. | | | | |
| BRICK VENEER | | | | | B | 1 | 2 | 3 | TOILET FL. & WCOT. | | | |
| BRICK ON TILE | | | | PINE | | | | | LIGHTING | | | |
| SOLID BRICK | | | | HARDWOOD | | | | | ELECTRIC | | | |
| STONE VENEER | | | | PLASTER | | | | | NO LIGHTING | | | |
| CONC. OR CIND. BL. | | | | UNFINISHED | | | | | NO. OF ROOMS | | | |
| | | | | METAL CLG. | | | | | BSMT. | 2ND | 3RD | |
| | | | | | | | | | 1ST | 4 | 5 | |
| TERRA COTTA | | | | RECREAT. ROOM | | | | OCCUPANCY | | | | |
| VITROLITE | | | | FINISHED ATTIC FULL | | | | SINGLE FAMILY | | | | |
| PLATE GLASS | | | | FIREPLACE | | | | TWO FAMILY | | | | |
| INSULATION | | | | HEATING | | | | APARTMENT | | | | |
| WEATHERSTRIP | | | | PIPELESS FURNACE | | | | STORE | | | | |
| ROOFING | | | | HOT AIR FURNACE | | | | THEATRE | | | | |
| ASPH. SHINGLES | | | | FORCED AIR FURN. | | | | HOTEL | | | | |
| WOOD SHINGLES | | | | STEAM | | | | OFFICES | | | | |
| ASBS. SHINGLES | | | | HOT WAT. OR VAPOR | | | | WAREHOUSE | | | | |
| SLATE TILE | | | | NO HEATING | | | | COMM. GARAGE | | | | |
| METAL | | | | GAS BURNER | | | | GAS STATION | | | | |
| COMPOSITION | | | | OIL BURNER | | | | ECONOMIC CLASS | | | | |
| ROLL ROOFING | | | | STOKER | | | | OVER BUILT | | | | |
| INSULATION | | | | | | | | UNDER BUILT | | | | |
| | | | | | | | | DT. 5-9-50 | | | | |
| | | | | | | | | LD. 5-2 | | | | |
| | | | | | | | | AR. M.M. | | | | |
| | | | | | | | | PD. Bl. | | | | |
| | | | | | | | | MS. | | | | |
| | | | | | | | | CK. 50 | | | | |

| UNIT | 1951 | | |
|---------------------|-------|--|--|
| 1008. F. | 4910 | | |
| S. F. | | | |
| ADDITIONS | + 430 | | |
| BASEMENT | | | |
| WALLS HT | + 100 | | |
| ROOF | | | |
| FLOORS | | | |
| ATTIC Full | + 550 | | |
| FINISH | | | |
| FIREPLACE | | | |
| HEATING | + 250 | | |
| PLUMBING | - 50 | | |
| TILING | | | |
| TOTAL | 6190 | | |
| FACT. - 15 | 740 | | |
| REP. VAL. | 5450 | | |

| OCC'Y | TYPE | GR. | AGE | REMOD. | COND. | REP. VAL. | P. D. | PHY. VAL. | F. D. | SOUND VAL. | TAX VAL. | Y |
|----------|-----------------|------|-----|--------|-------|-------------------|-------|-----------|-------|------------|----------|---|
| DW/19. | A 1 S/FR. | B | 30 | | G | 5450 | 35% | 3540 | A | 3540 | 2125 | 5 |
| GAR. | B FR. 17A 18+20 | C | 30 | | F | 280 | 40% | 170 | B | 170 | 100 | 5 |
| | C | | | | | 330 | 40% | 200 | C | 200 | 125 | 5 |
| | D | | | | | | | | D | | | |
| | E | | | | | | | | E | | | |
| | F | | | | | | | | F | | | |
| | G | | | | | | | | G | | | |
| YEAR | 1951 | 1955 | | | | 1951 TOTAL BLDGS. | | | | | | |
| TAX VAL. | | 2250 | | | | 1955 | 2250 | | 19 | | | |
| OLD VAL. | | 2225 | | | | | | | 19 | | | |
| CHANGE | | 25 | | | | | | | 19 | | | |

This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

Current Owner Information

| | |
|----------------------|---|
| Card Number | 1 of 1 |
| Parcel ID | 194 C005001 |
| Location | 62 STEVENS AVE |
| Land Use | SINGLE FAMILY |
| Owner Address | MULLEN PATRICIA J & MARCO A DELUTY JTS 62 STEVENS AVE PORTLAND ME 04102 |
| Book/Page | 15763/318 |
| Legal | 194-C-5 STEVENS AVE 60-62 RUDMAN RD 1-7 5000SF |

Current Assessed Valuation

| | | |
|-------------|-----------------|--------------|
| Land | Building | Total |
| \$53,900 | \$123,600 | \$177,500 |

Property Information

| | | | | | |
|---------------------------|--------------------------|--------------------------|-------------------------|-----------------------------|-------------------------|
| Year Built 1921 | Style Bungalow | Story Height 1 | Sq. Ft. 1225 | Total Acres 0.115 | |
| Bedrooms 3 | Full Baths 2 | Half Baths | Total Rooms 6 | Attic Part Finsh | Basement Full |

Outbuildings

| | | | | | |
|--------------|-----------------|-------------------|-------------|--------------|------------------|
| Type | Quantity | Year Built | Size | Grade | Condition |
| GARAGE-WD/CB | 1 | 1960 | 22X26 | C | A |
| SHED-FRAME | 1 | 1960 | 4X12 | D | F |

Sales Information

| | | | |
|---------------------------|------------------------------|---------------------------|-------------------------------|
| Date 10/03/2000 | Type LAND + BLDING | Price \$123,000 | Book/Page 15763-318 |
|---------------------------|------------------------------|---------------------------|-------------------------------|

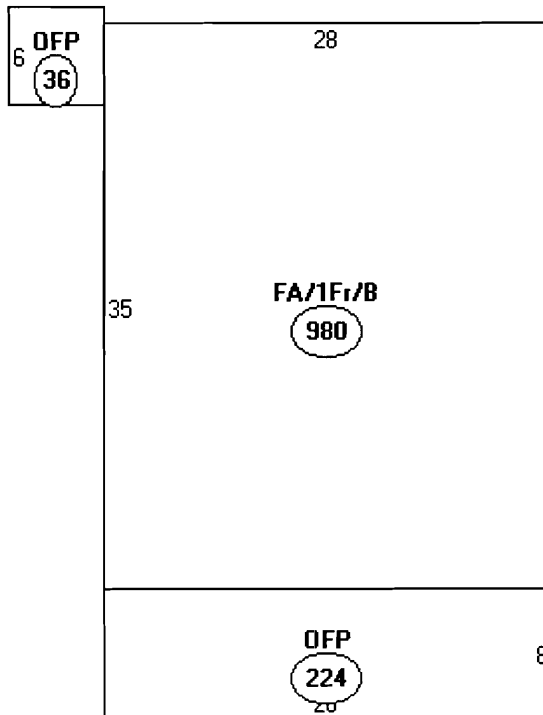
Picture and Sketch

| | | |
|--------------------------------|-------------------------------|--------------------------------|
| <u>Picture</u> | <u>Sketch</u> | <u>Tax Map</u> |
|--------------------------------|-------------------------------|--------------------------------|

[Click here](#) to view Tax Roll Information.

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or [e-mailed](#).

New Search!



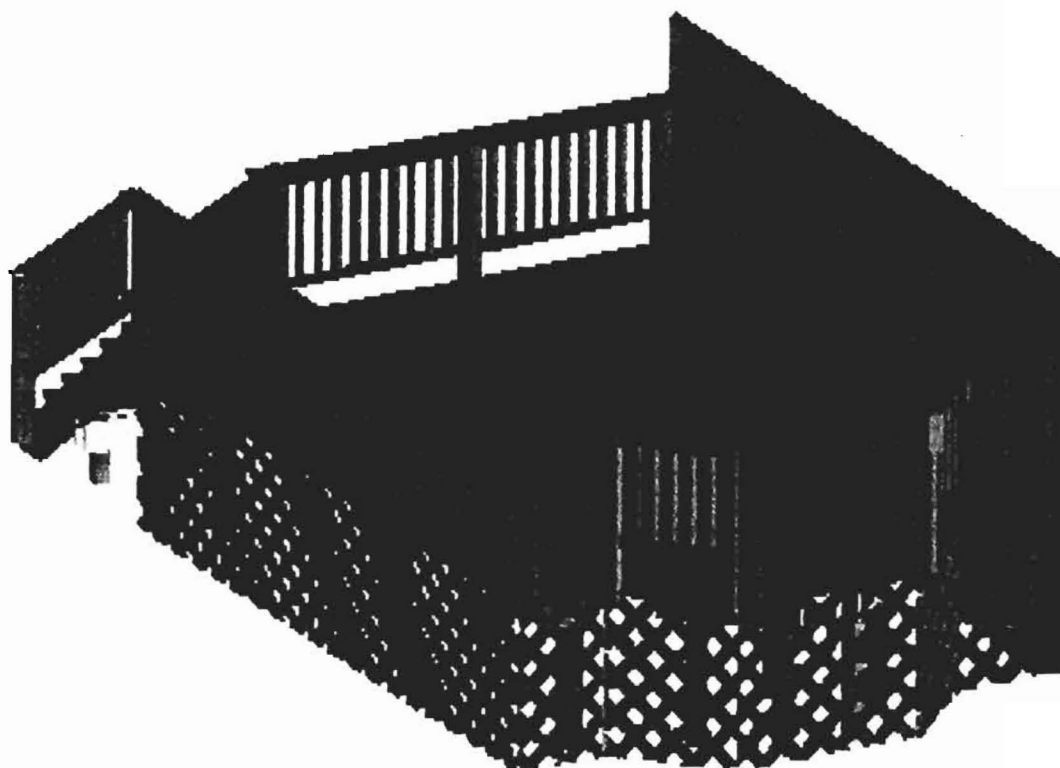
Descriptor/Area

A: FA/1Fr/B
980 sqft

B: OFP
36 sqft

C: OFP
224 sqft



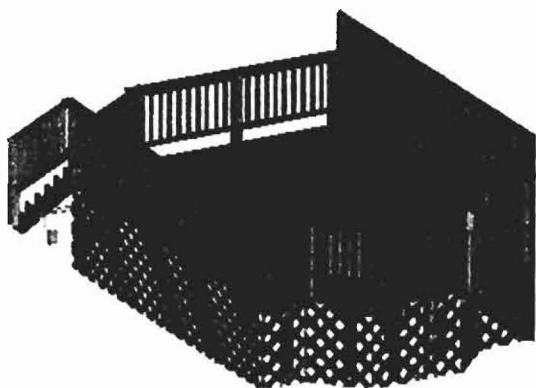


Lowes Deck Design For

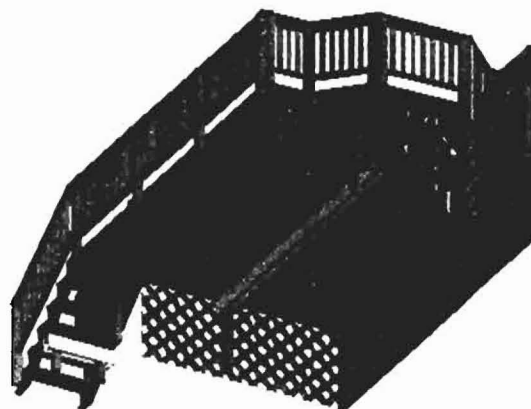
Marco

Print this document and take it to your local Lowe's.
One of our associates will help you find the materials you need.

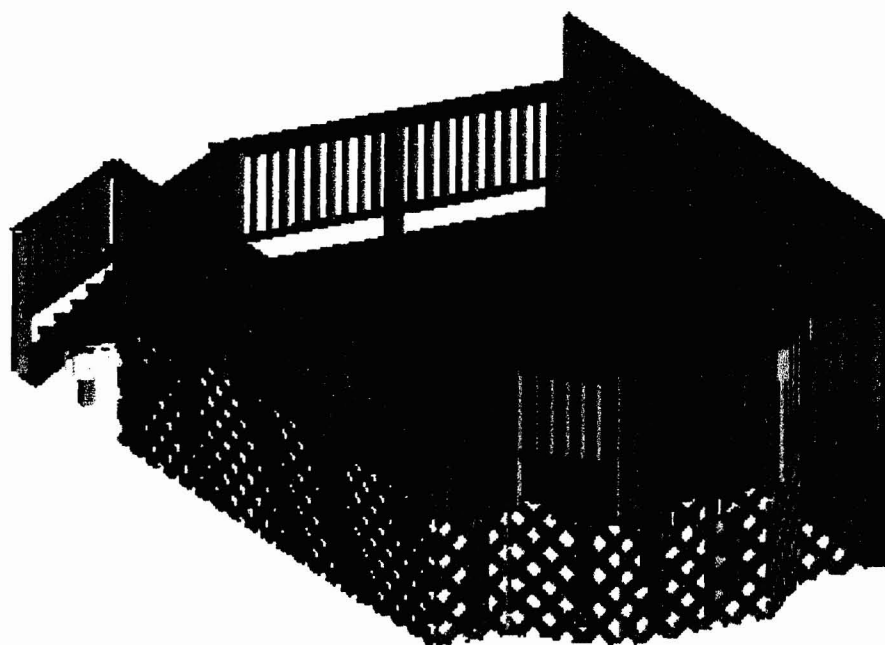
Deck layout diagram



Top view without planks

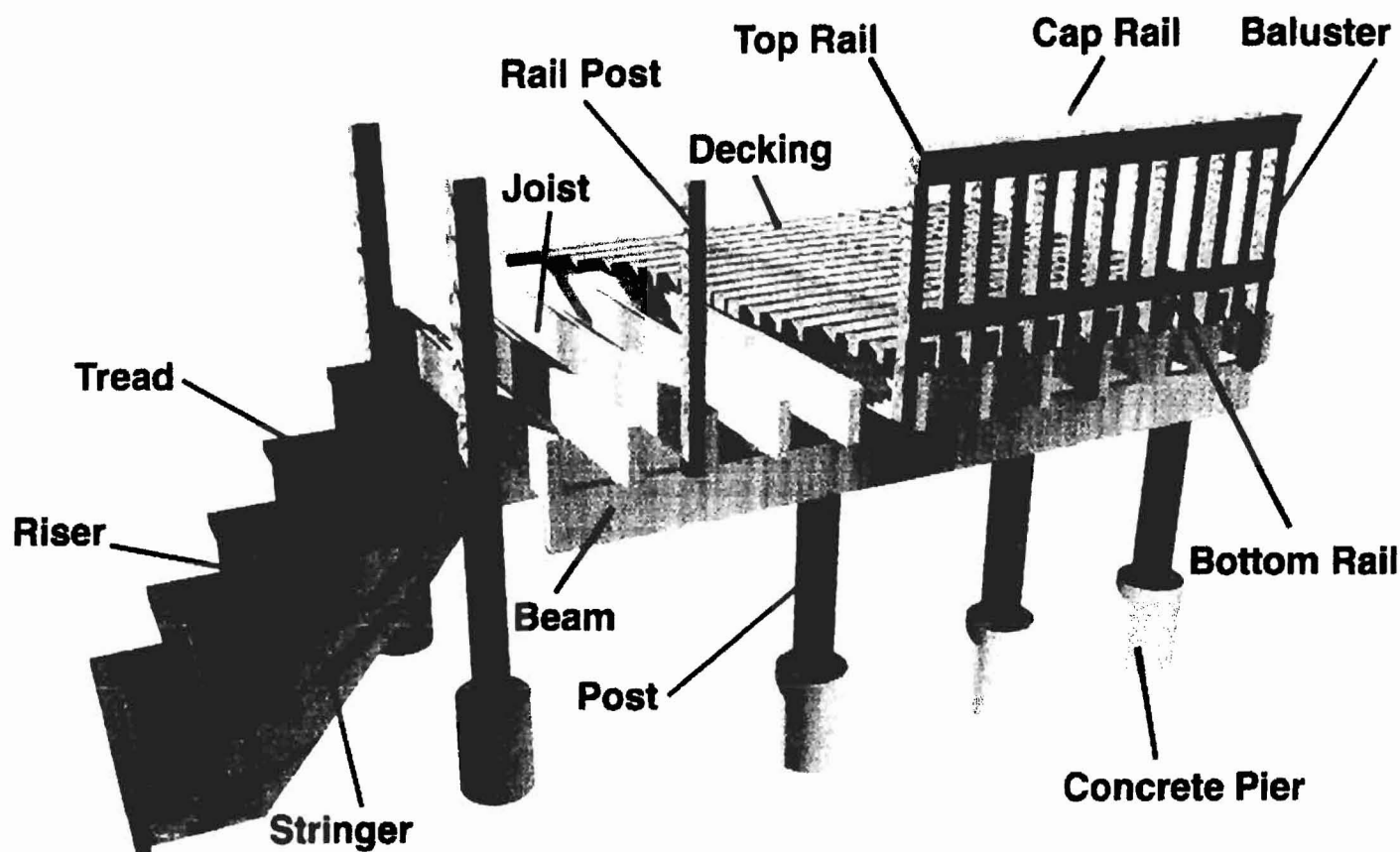


Bottom view with planks



Top view with planks

Deck Part Identification



| | |
|----------------------|--|
| Baluster | The vertical pieces of a railing spaced at regular intervals between posts. |
| Beam | A horizontal framing piece, which rests on posts and supports joists. |
| Decking | The boards used to make the walking surface of the deck |
| Joist | A horizontal frame piece that supports the decking and spreads the weight over the beams |
| Ledger | A horizontal strip that connects the deck to the house. |
| Concrete Pier | A vertical piece of concrete, used as a footing to support a post. |
| Post | A vertical framing piece, used to support a beam or a joist. |
| Riser | The board attached to the vertical cut surface of a stair stringer. |
| Stringer | The diagonal board used to support treads and risers on a stairway. |
| Tread | The horizontal surface of a stair, perpendicular to the riser. |
| Bottom Rail | The lower horizontal piece that connects rail posts |
| Top Rail | The upper horizontal piece that connects rail posts |
| Cap Rail | The top horizontal trim on railing. |
| Rail Post | The vertical posts connected to the deck framing, to which railing is secured. |

Installation Checklist

Building code and zoning requirements

- Check deed restrictions, building codes and/or zoning laws to make sure your deck complies.
- Check with local utility companies to make sure deck construction will not disturb piping or wiring.

Deck function

- While planning your deck, determine how it will be used.

Your climate

- While planning your deck, consider local weather.
- Take advantage of good views.

Install ledger

- Install ledger to anchor deck to house.
- Ledger placement determines the deck floor level, normally 2-4" below floor line.
- If unsure about attaching a ledger board, consult a professional.
- Use batterboards and mason's string to mark off deck area and locate footing.

Square with string

- Attach string to ledger and/or batterboards.
- Batterboards go just outside perimeter corners of the deck.
- Use the 3-4-5 method to get a 90 degree angle in one corner.

Install posts

- Footing/posthole depth is dictated by local codes.
- Check with local utility companies to make sure deck construction will not disturb piping or wiring.

Installation Checklist

Post bracing

Brace posts as dictated by local codes.

Attach beams to posts

Determine the desired deck floor height on the posts.

Determine height for securing the top of the beam to the post.

Attach joists

Joists are attached to ledger board with joist hangers or by toenailing.

Determine where blocking will go and snap a chalk line, but make sure to stagger pieces for ease of nailing.

Lay decking

Attach boards "bark side up" to minimize cupping and warping.

The deck boards can be trimmed after they are installed.

Railings

Railings must be firmly attached to the framing members of the deck.

Check for local code restrictions on railings.

Stairs

Check local codes on stair restrictions.

Measure the rise and run of the stairs.

Multi-level decks

When planning a multi-level deck, for aesthetics make one deck larger than the other.

Tools Required & Tips for Success

Tools Required:

| | | |
|--------------------|--------------------------------|-------------------------|
| Carpenter's level | Hearing protection | Ruler |
| Carpenter's square | Hammer | Safety glasses |
| Chalk line | Hand saw | Screwdrivers |
| Chisel | Hoe and hose (to mix concrete) | Shims or spacers |
| Circular saw | Ladder | Shovel |
| Claw hammer | Line | Socket wrench |
| Combination square | Mallet | Stakes or batter boards |
| Crescent wrench | Nail set | String |
| Drills and bits | Pencils | Tamper |
| Dust mask | Pick | Tape measure |
| Extension cord | Plumb bob | Transit |
| Framing square | Post hole digger | Tool belt |
| Gloves | Rafter square | Two foot level |

Tips for success:

1. When cutting or drilling wood, always wear eye protection to prevent injury from flying wood particles
2. When cutting lumber, a fabric breathing mask will help to avoid ingestion of the dust. Wear gloves as the surface is rough and can cause splinters.
3. For outdoor projects, nails and other hardware should be hot-dipped zinc-coated or equally well-protected material to keep them from rusting.
4. To help prevent splitting, drill pilot holes in each piece of lumber before nailing or screwing.
5. Make sure to treat your deck to prolong its lifespan.
6. Before you apply a finish on your deck, test for moisture by sprinkling the surface of a small area of the deck with water. If the droplets bead up, the wood is still wet. Wood that is dry enough for treatment will quickly soak up the water.
7. Deck finishes come in both water and oil based. While oil-based finishes penetrate deeper into the wood, water-based products are easier to clean up and are more forgiving in damp conditions.
8. When applying finish or cleaner to your deck, protect surrounding vegetation by wetting with a hose and covering with plastic.
9. Invest in a pair of kneepads if you are doing floor jobs or working on a deck.
10. Dispose of scraps in the regular trash or take to a landfill - never burn.

"How to Guide" Download Information

If you have not read our deck building article, read it at Lowes.com/YourDeck

Below are the Specifications And Materials
that you have selected for your deck.

| | | |
|-----------------|---|---|
| Overview | Number of Levels: 1 Total Square Feet: 204 | Footer Depth: 30" Live Load: 47 psf Dead Load: 10 psf |
|-----------------|---|---|

| Component | Size | Wood Type |
|-----------|---------|-----------------------------------|
| Joists | 2 x 8 | Top Choice Treated |
| Beams | 2 x 8 | Top Choice Treated |
| Posts | 4 x 4 | Top Choice Treated |
| Decking | 5/4 x 6 | Pressure Treated Standard Decking |
| Railing | | Pressure Treated Railing |
| Bench | | None |
| Lattice | | None |

| | | | |
|-------------|-----|-----------|--------|
| FooterDepth | 30" | Live Load | 47 psf |
| | | Dead Load | 10 psf |

Item Numbers May Vary By Location

Some Items May Not Be Available In All Locations

Material List

| Lumber Materials | | | |
|------------------|----------|-----------------------------------|--------------------------------------|
| Item Number | Quantity | Description | |
| 30271 | 15 | 2X8X12 TOP CHOICE STRUCT HF ACQ | |
| 24551 | 5 | 2X8X16 TOP CHOICE STRUCT HF ACQ | |
| 4644 | 4 | 4-STEP STRINGER #1 WATER REPELENT | |
| 62636 | 9 | PT LATTICE PRIVACY-PLUS 4X8 | |
| 5552 | 1 | 5/4X6X10 PREMIUDECKING .40WR | |
| 5553 | 1 | 5/4X6X12 PREMIUDECKING .40WR | |
| 201704 | 2 | 5/4X6X16 SW TOP CHOICE ACQ | |
| 1763 | 1 | 4X4X12 #2 .40 ACQ TREATED | |
| 2690 | 4 | 4X4X16 #2 .40 ACQ TREATED | |
| 66981 | 7 | 6' TRU-FIT RAIL SECTION | |
| 107961 | 2 | 2X8X14 TOP CHOICE STRUCT HF ACQ | |
| 21210 | 2 | 5/4X6X8 STD ACQ TREATED | |
| 5665 | 29 | 5/4/6X16.40 STDPT DKG WTR REPE | |
| 109461 | 2 | 2X8X20 TOP CHOICE STRUCT HF ACQ | |
| 121 | 10 | 4X4X6 #2 .40 ACQ TREATED | |
| 23712 | 1 | 2X8X8 TOP CHOICE STRUCT HF ACQ | |
| 29132 | 2 | 2X4X12 TOP CHOICE DECKING HF ACQ | |
| 7951 | 20 | 2X2X42" BALUSTER ANGLE BOTH END | |
| Other Materials | | | |
| Item Number | Quantity | Unit | Description |
| 2411 | 12 | 1 | 4X4 2-SIDE POST ANCHOR TZ (14354) |
| 10385 | 17 | 80 | CONCRETE MIX 80# QUIKRETE |
| 70664 | 12 | 1 | 1/2"X6 HDG ANCHOR BOLT WASHER/NUT |
| 69262 | 2 | 5 | NAIL COMMON GALV 5 LB 10 D |
| 63449 | 96 | 1 | GALV ROUND WASHER 1/2" |
| 67357 | 48 | 1 | GALV CARRIAGE BOLT 1/2 X 8 |
| 67342 | 48 | 1 | GALV 1/2 HEX NUT |
| 98843 | 5 | 96 | PT LATTICE CAP |
| 7509 | 1 | 96 | PT LATTICE H-DIVIDER 8' |
| 69138 | 13 | 1 | NAIL COMMON GALV 1LB 8D |
| 14328 | 52 | 1 | XTENDED RAFTER TIE RT-15 |
| 68408 | 2 | 1 | JOIST HGR.NAIL 1 LB 1-1/2"NA111CD |
| 21993 | 12 | 1 | HURR ANCHOR, 6.5X1.5TZ DBL PLATE TIE |
| 108806 | 22 | 1 | LUS28Z ZMAX 2X8 JOIST HANGER |
| 124475 | 1 | 5 | 5LB N10D HOT-DIP GALVINIZED NAIL |
| 2235 | 8 | 1 | FIELD ADJ FR ANGLE 4-5/8TZ |
| 1411 | 2 | 1 | LSU26-R 2X6 SLOPE/SKEW HANGER |
| 49117 | 1 | 1 | 1.20GL WATERGUARD OLYMPIC (85917) |
| 11347 | 38 | 1 | 4X4 DECK POST TIE TZ (14360) |



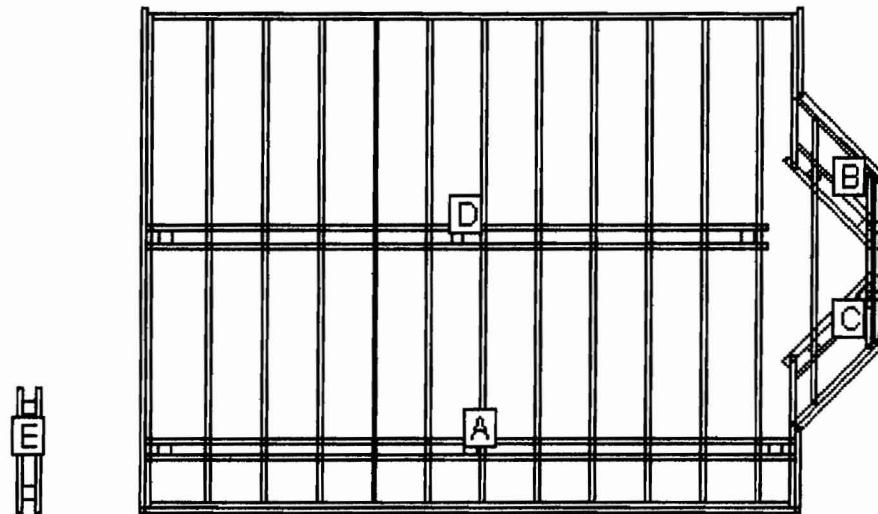
Design and Plan Your Deck



| Other Materials | | | |
|-----------------|----------|------|---------------------------------|
| Item Number | Quantity | Unit | Description |
| 41196 | 4 | 1 | 3/8" HEX NUT GALVANIZED (25) PP |
| 41706 | 7 | 1 | 3/8" FLAT WASHER GALV (25) PP |
| 67353 | 76 | 1 | GALV CARRIAGE BOLT 3/8 X 8 |
| 69264 | 1 | 5 | NAIL COMMON GALV 5 LB 16 D |
| 67365 | 32 | 1 | GALV LAG SCREW 1/2 X 6 |

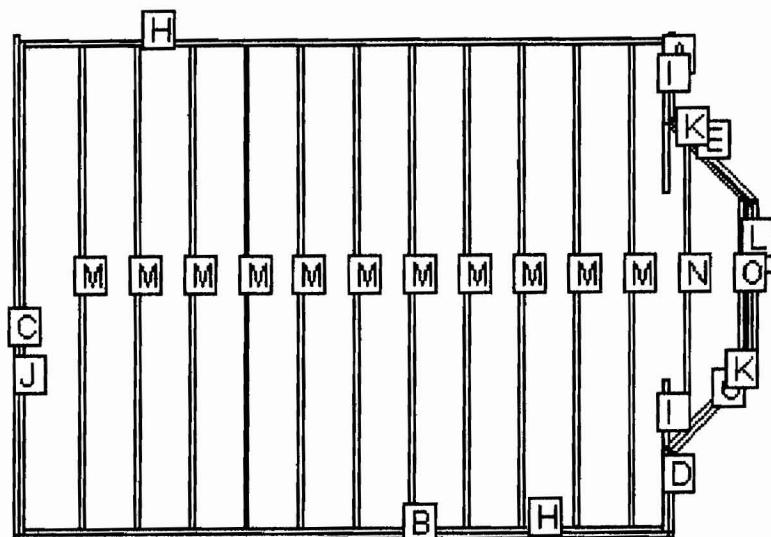


Beam Layout Level 1



| BEAM LABEL | BEAM LENGTH | POST COUNT | POST SPACING |
|------------|-------------|------------|--------------|
| A | 15' 9" | 3 | 7' 4 3/4" |
| B | 3' | 2 | 1' 9" |
| C | 3' | 2 | 1' 9" |
| D | 15' 1/2" | 3 | 7' 1/2" |
| E | 3' | 2 | 2' 1/2" |

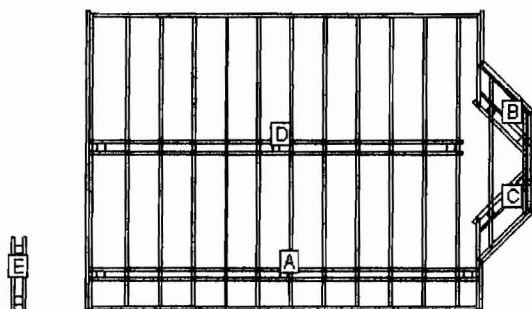
Materials Cut List: Level 1



| LABEL | NAME | QTY | LENGTH | BEVELS | LABEL | NAME | QTY | LENGTH | BEVELS |
|-------|--------|-----|------------|---------|-------|-------------|-----|-----------|--------|
| A | Fascia | 1 | 2' 1/2" | F45 S45 | I | Outer Joist | 2 | 3' 8" | |
| B | Fascia | 1 | 16' | F45 S45 | J | Outer Joist | 1 | 11' 9" | |
| C | Fascia | 1 | 12' | F45 S45 | K | Header | 2 | 2' 10" | |
| D | Fascia | 1 | 2' 1/2" | F45 S45 | L | Outer Joist | 1 | 3' 11" | |
| E | Fascia | 1 | 2' 10 1/2" | F45 S45 | M | Joist | 11 | 11' 6" | |
| F | Fascia | 1 | 4' | F45 S45 | N | Joist | 1 | 6' 9 1/2" | |
| G | Fascia | 1 | 2' 10 1/2" | F45 S45 | O | Joist | 1 | 4' 1 1/2" | |
| H | Header | 2 | 15' 6" | | | | | | |

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

Permit Page: Level 1



LOAD AND SUPPORT:

Your deck will support a 47 PSF live load.
Posts have 30" below ground support.

DECK AND POST HEIGHT:

You selected a height of 48" from the top of the decking to the ground level. The top of the deck support posts will therefore be 39.25" above ground level.

Joists:

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

Stress Analysis: Level 1

| Component | PSF |
|-------------------|------|
| Joist Deflection | 1490 |
| Joist Bending | 194 |
| Joist Shear | 174 |
| Joist Compression | 266 |
| Beam Deflection | 57 |
| Beam Bending | 57 |
| Beam Shear | 61 |
| Bolt Shear | 133 |
| Post Stability | 202 |

Warning: This may not be a final design plan. Variations in building codes, specific architectural considerations, or site conditions may require changes to this design. You are responsible for the final structural, code verification, material usage, and structural safety of this design. Be sure to check and verify the design with your architect, engineer and building inspector.

Lowe's is a supplier of material only. Lowe's does not engage in the practice of engineering, architecture, or general contracting. Lowe's does not assume any responsibility for design, engineering, or construction; for the use of installation of materials; or for compliance with any building code or standard of workmanship. Always refer to information on fastener packaging for use with pressure treated lumber.

Preferences: Certain assumptions have been made in order to provide an accurate material quote for your Deck Project. Because local codes vary throughout the country, it is imperative that you check with your local municipality for compliance with local building codes. The following building practice assumptions have been made in providing the materials for your project:

| | |
|--------------------------------|----------------------|
| Footer Depth: | 30 |
| Joist Cantilever: | 12 inches |
| Joist Spacing: | 16" center to center |
| Spacing Between Deck Planking: | 1/8 inch |
| Stair Stringers: | 10 inches |
| Deck Live Load: | 40 psf |
| Deck Dead Load: | 10 psf |
| Stairs Live Load: | 40 psf |
| Stairs Dead Load: | 10 psf |

Be sure to check and verify the design with your architect, engineer and building inspector.

Note: It is recommended that joist that meet on top of beams should be spliced with gussets. The gussets should be 2- by wood the same width at the joist and overlap by 6 inches on each side. These gussets should be held in place with 12 16d galvanized nails.

Handling Precautions for Pressure-Treated Wood

Disposal: Dispose of treated wood by ordinary trash collection. Treated wood should not be burned in open fires, stoves, fireplaces, or residential boilers because toxic chemicals may be produced as part of the smoke and ashes. Treated wood from commercial or industrial use (e.g construction sites) must be disposed of in accordance with state and Federal regulations, which may include burning only in commercial or industrial incinerators or boilers. Always refer to information on fastener packaging for use with pressure treated lumber.

Operating Conditions: Avoid frequent or prolonged inhalation of sawdust from treated wood. When sawing, sanding and machining treated wood, wear a dust mask. Whenever possible, these operations should be performed outdoors to avoid indoor accumulations of airborne sawdust from treated wood. (Lowe's in-store saws are equipped with a vacuum to minimize airborne sawdust).

Protection: When power-sawing and machining, wear goggles to protect eyes from flying particles.

Clean Thoroughly: Wear gloves when working with the wood. After working with the wood, and before eating, drinking, toileting, and use of tobacco products, wash exposed areas thoroughly.

Wash Separately: Because preservatives or sawdust may accumulate on clothes, they should be laundered before reuse. Wash work clothes separately from other household clothing.

For Additional Information: www.epa.gov - www.healthybuilding.net - www.ccasafetyinfo.com
www.treatedwood.com - Call: (800)282-0600 or (800)356-AWPI