

• 37/03-03ZZ 7418 Carroll Avenue
Takoma Park Historic District

7418 Carroll

Julia - pavers - strip

approve - staff to be authorized to approve
alternative materials for drive...

"Concrete pavers with grass median"

Foundation planting

not so large as magnolia

~~planting~~ on other side of driveway

what's driving height of corner - 8'

existing house - not 8'

In reality of seeing on site -

Code is 7'6". 8' is head height.

we can take a look at dropping shed -

lowering it

wood clad windows on west elevation

2 or 3-bay link as suggested in Supplemental

look at elevations - lowering addition slightly

and if done so...

resolve landscaping with staff as well...

Notes

HISTORIC PRESERVATION COMMISSION STAFF REPORT

II. K

Address:	7418 Carroll Avenue	Meeting Date:	12/03/03
Resource:	Contributing Resource Takoma Park Historic District	Report Date:	11/24/03
Review:	HAWP	Public Notice:	11/19/03
Case Number:	37/03-03ZZ	Tax Credit:	Partial
Applicant:	Linda and Frank Welch	Staff:	Joey Lampl

PROPOSAL: Add rear deck and detached rear shed; extend driveway with concrete.

RECOMMEND: Approval

BACKGROUND:

The applicants received approval from the Commission in July 2003 for changes to the rear elevation consisting of a new window and patio door. In October, 2003, the applicants received approval for an 8' x 12' shed. Upon delivery of the approved shed, the company refused to move the shed beyond the sidewalk, and since the shed was too large to be moved by the applicants themselves, they are now working with a new manufacturer. This second HAWP is for a similar shed to that approved. They are also adding in two other proposed work items.

PROJECT DESCRIPTION

SIGNIFICANCE: Contributing Resource
STYLE: Craftsman Bungalow
DATE: ca. 1920s

7418 Carroll Avenue is a one-and-a-half-story, Craftsman bungalow with dormers and distinctive front- and side-wall windows with decorative "Queen-Anne"-style glass. The building sits on a heavily traveled portion of Carroll Avenue, where houses exhibit a short setback, but long rear yards (42.5 feet wide by 170 feet deep). The applicants propose to:

1. Install an 8' x 10'¹² cedar-sided, asphalt-shingle-roof, detached shed manufactured by Costco. The shed is to be painted the same pale green as the house and will be located on a lower part of the lot behind a 5' concrete retaining wall. The shed will have an "extended peak" roofline (not the gambrel picture shown) that conceals a loft within the shed and will be accessed by a ramp.
2. Install a pressure-treated pine deck extending from the first-floor kitchen on the rear wall of the house. Deck area to be 10' x 10' and surrounded by 2"x 2" balusters. It will feature steps down to the ground, oriented parallel to the back wall of the house, since the first level of the house is actually eight feet off the ground at the rear, given the slope of the land. Deck to be manufactured by Home Depot.
2. Extend the existing 30'-long asphalt driveway an additional 74 feet in order to park cars. The extension of the driveway is to be made of concrete and will continue back to the area where the land slopes down a hill in the rear yard (the site of the former "block wall" on the surveyor's plat).



STAFF DISCUSSION:

The following guidelines pertain to this project: According to the *Approved and Adopted Amendment to the Master Plan for Historic Preservation in Montgomery County, Maryland: Takoma Park Historic District:*

1. Alterations to features that are not visible at all from the public right-of-way should be allowed as a matter of course.
2. All changes and additions should respect existing environmental setting, landscaping, and patterns of open space.

Staff believes that the houses along this section of Carroll Avenue have an urban feel in their front yards and a suburban, more picturesque quality to the rear. For that reason, staff feels that the long rear portion of the lot can accommodate the freestanding shed, especially because it will rest on ground that is lower in elevation than the house. As for the rear deck, this is the only house in the immediate vicinity on this side of the block that does not already have a rear deck. Partaking of the view from the rear makes sense for these houses. The Commission has already approved the alteration of the rear elevation with a three-part sliding patio door. Finally, the extension of the driveway with concrete, although reaching back to the more suburban area of the yard, still allows for ample greenery on the lot. A number of houses on this block have white concrete drives. Staff believes that these changes are minor and preserve the architectural character of the house.

STAFF RECOMMENDATION

Staff recommends that the Commission **approve** the HAWP application as being consistent with Chapter 24A-8(b) 2:

The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter

And the general condition that the applicant shall present the 3 permit sets of drawings to HPC staff for review and stamping prior to submission for permits, if applicable, and after issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant will arrange for a field inspection by calling the DPS Field Services Office at (240) 777-6210 or online at www.permits.emontgomery.org prior to commencement of work and not more than two weeks following completion of work.



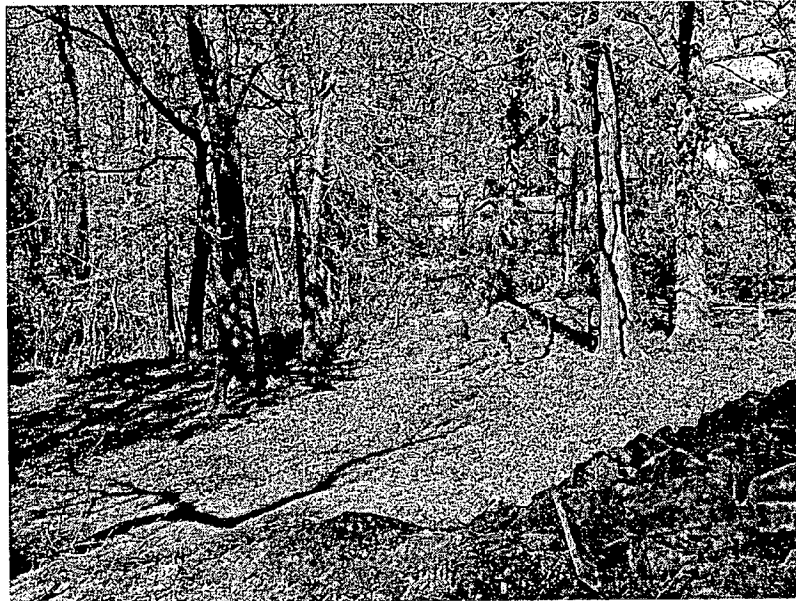
Façade, 7418 Carroll Avenue



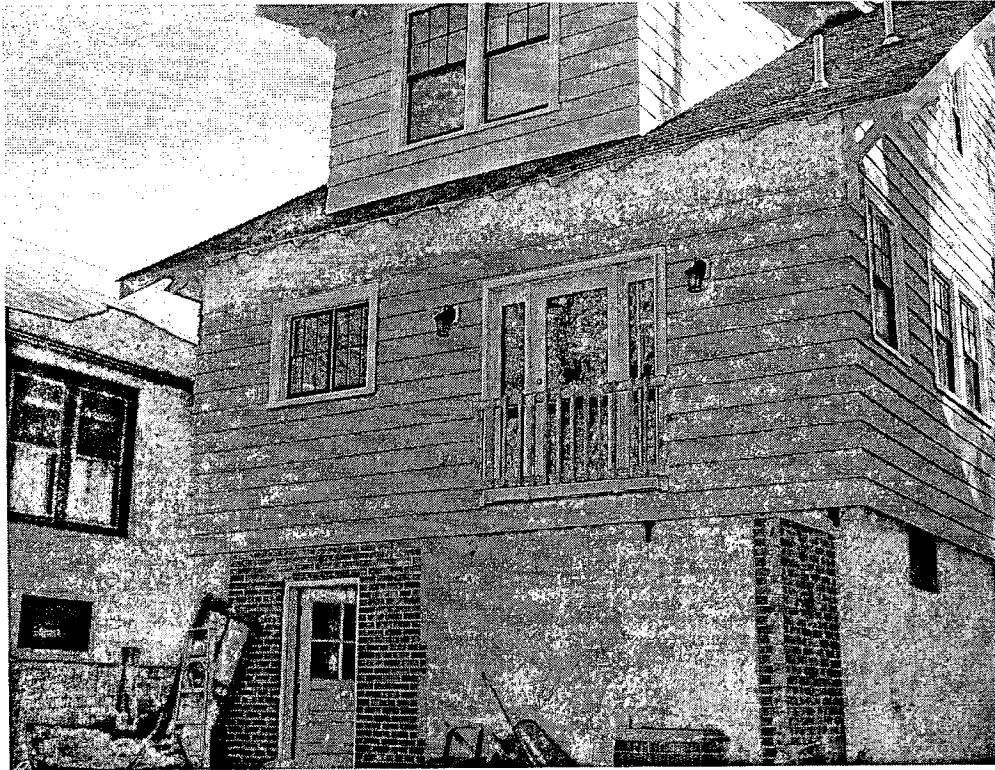
View of currently gravel drive to left of house



View of rear of lot taken from rear wall of house



View of site for shed showing depressed ground below 5-foot retaining wall in right foreground



View of rear elevation showing approved, new patio door



View of adjacent decks and steps at rear of houses to the immediate east



View of deck to the immediate west



RETURN TO: DEPARTMENT OF PERMITTING SERVICES
255 ROCKVILLE PIKE, 2nd FLOOR, ROCKVILLE, MD 20850
240/777-6370

DPS - #8

324535

HISTORIC PRESERVATION COMMISSION
301/563-3400

APPLICATION FOR HISTORIC AREA WORK PERMIT

Contact Person: Linda Welch
Daytime Phone No.: 240-228-6990

Tax Account No.:
Name of Property Owner: Walter & Linda Welch Daytime Phone No.: 240-228-6990
Address: 7418 Carroll Ave Takoma Park, MD 20912
Street Number City Street Zip Code
Contractor: Phone No.:
Contractor Registration No.:
Agent for Owner: Daytime Phone No.:

LOCATION OF BUILDING/PREMISE

House Number: 7418 Street: Carroll Ave
Town/City: Takoma Park Nearest Cross Street: Boyd or Lincoln
Lot: Block: Subdivision:
Liber: Folio: Parcel:

PART ONE: TYPE OF PERMIT ACTION AND USE

- 1A. CHECK ALL APPLICABLE:
Construct Extend Alter/Renovate A/C Slab Room Addition Parch Deck Shed
Move Install Wreck/Rare Solar Fireplace Woodburning Stove Single Family
Revision Repair Revocable Fence/Wall (complete Section 4) Other:

1B. Construction cost estimate: \$
1C. If this is a revision of a previously approved active permit, see Permit #

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITDINS

2A. Type of sewage disposal: 01 WSSC 02 Septic 03 Other:
2B. Type of water supply: 01 WSSC 02 Well 03 Other:

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

3A. Height feet inches
3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:
On party line/property line Entirely on land of owner On public right of way/easement

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the construction will comply with plans approved by all agencies listed and I hereby acknowledge and accept this to be a condition for the issuance of this permit.

Signature of owner or authorized agent Date

Approved: For Chairperson, Historic Preservation Commission
Disapproved: Signature: Date:
Application/Permit No.: Date Filed: Date Issued:

SEE REVERSE SIDE FOR INSTRUCTIONS

**THE FOLLOWING ITEMS MUST BE COMPLETED AND THE
REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.**

1. WRITTEN DESCRIPTION OF PROJECT

- a. Description of existing structure(s) and environmental setting, including their historical features and significance:

I would like to erect a different shed from the one already approved. It will be painted the same green color as the house & the shingles will match the house. Location is now on the lower level. See plat. I want a deck on the 2nd level 10'x10'. I would like to have a concrete driveway extending from the original driveway further down the hill.

- b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district.

The original block wall has been covered by dirt and is now just a sloped hill.

2. SITE PLAN

Site and environmental setting, drawn to scale. You may use your plat. Your site plan must include:

- the scale, north arrow, and date;
- dimensions of all existing and proposed structures; and
- site features such as walkways, driveways, fences, ponds, streams, trash dumpsters, mechanical equipment, and landscaping.

3. PLANS AND ELEVATIONS

You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 8 1/2" x 11" paper are preferred.

- Schematic construction plans, with marked dimensions, indicating location, size and general type of wells, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and fixtures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

4. MATERIALS SPECIFICATIONS

General description of materials and manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

5. PHOTOGRAPHS

- Clearly labeled photographic prints of each facade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.
- Clearly label photographic prints of the resource as viewed from the public right-of-way and of the adjoining properties. All labels should be placed on the front of photographs.

6. TREE SURVEY

If you are proposing construction adjacent to or within the decline of any tree 6" or larger in diameter (at approximately 4 feet above the ground), you must file an accurate tree survey identifying the size, location, and species of each tree of at least that dimension.

7. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS

For ALL projects, provide an accurate list of adjacent and confronting property owners (not tenants), including names, addresses, and zip codes. This list should include the owners of all lots or parcels which adjoin the parcel in question, as well as the owner(s) of lot(s) or parcel(s) which lie directly across the street/highway from the parcel in question. You can obtain this information from the Department of Assessments and Taxation, 51 Monroe Street, Rockville, (301)279-1355).

PLEASE PRINT (IN BLUE OR BLACK INK) OR TYPE THIS INFORMATION ON THE FOLLOWING PAGE.
PLEASE STAY WITHIN THE GUIDES OF THE TEMPLATE, AS THIS WILL BE PHOTOCOPIED DIRECTLY ONTO MAILING LABELS.

HAWP APPLICATION: MAILING ADDRESSES FOR NOTIFYING
[Owner, Owner's Agent, Adjacent and Confronting Property Owners]

Owner's mailing address

7418 Carroll Ave
Takoma Park, MD 20912

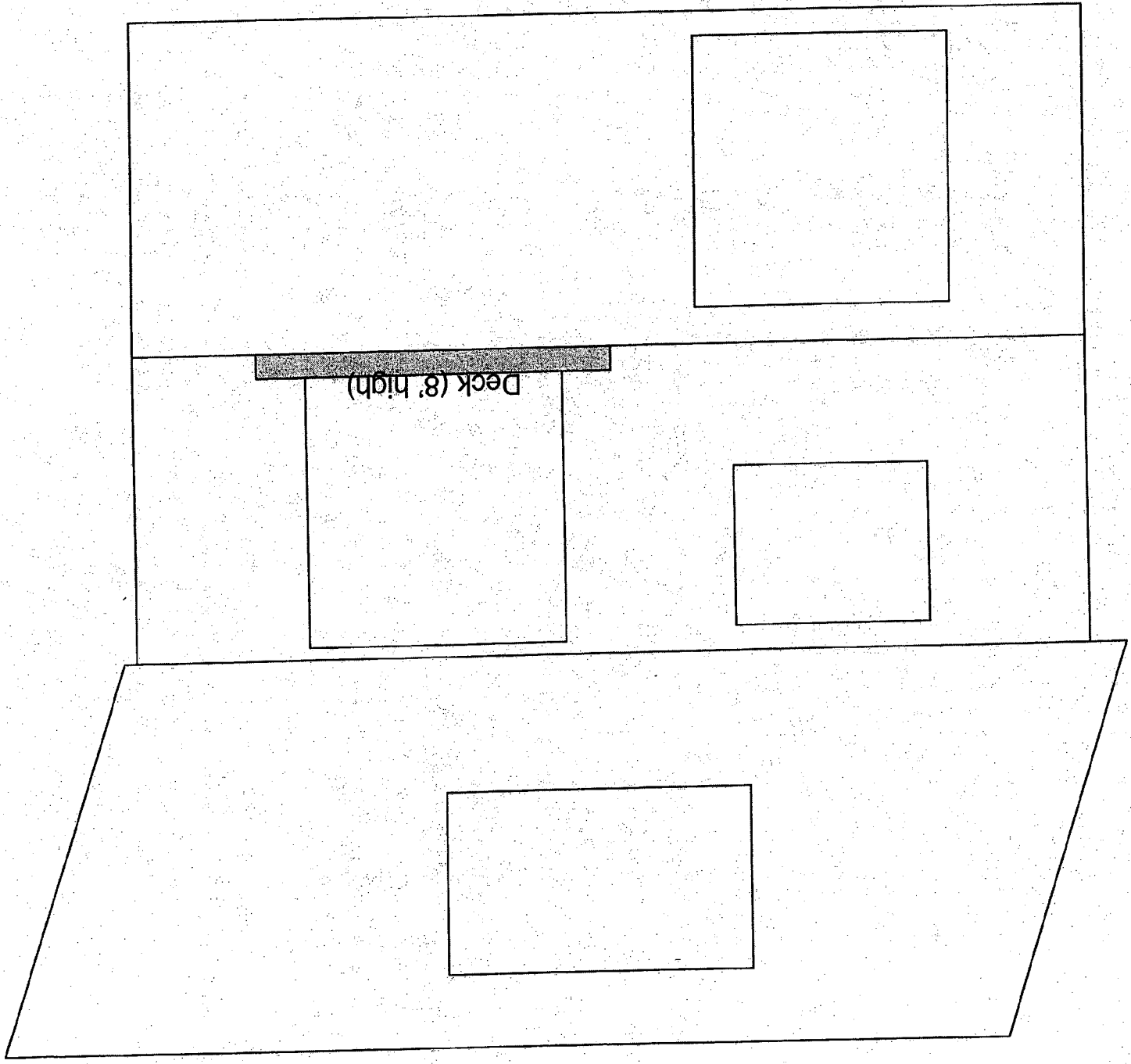
Owner's Agent's mailing address

Adjacent and confronting Property Owners mailing addresses

Hally Childs
7416 Carroll Ave

Margaret Mauck
7420 Carroll Ave

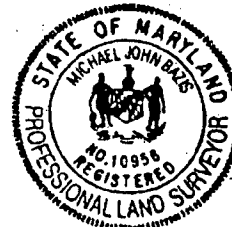
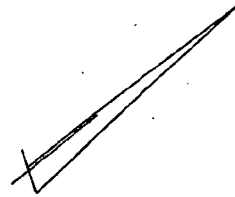
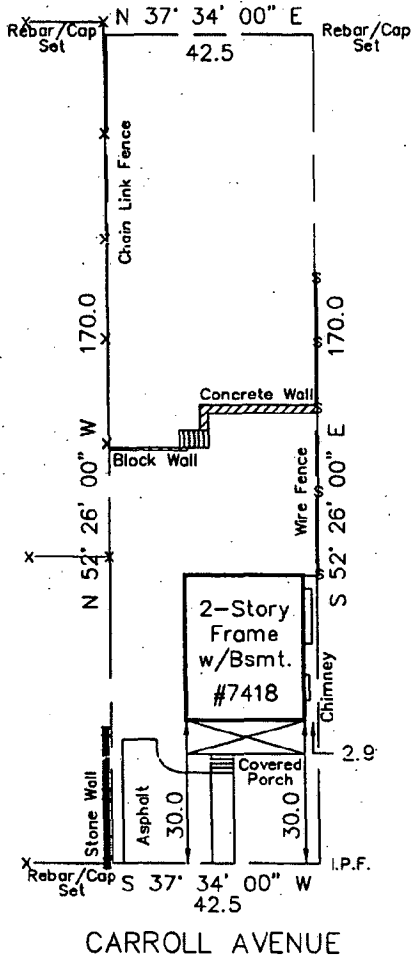
Mary Seghers
7421 Carroll Ave
mailing addresses
9741 Mill Run Dr.
Great Falls, VA 22066



The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing. The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.

NOTES:

- (1) The lot shown hereon does not lie within the limits of the 100 year flood plain as shown on FIRM Panel No. 200
Date of Map: 8-5-91
Flood Zone: "C"
- (2) No property corners found or set unless otherwise noted.
- (3) The accuracy of this survey and the apparent setback distances is 0.1'



CARROLL AVENUE

**PLAT OF SURVEY
PROPERTY OF**

7418 CARROLL AVENUE, LLC AS PER
FINAL JUDGEMENT; CASE 226280
CIRCUIT COURT FOR
MONTGOMERY COUNTY, MARYLAND
AND AS DESCRIBED IN
LIBER 1044 FOLIO 107
ALSO KNOWN AS
PART OF SECTION 9 OF
GENERAL S.S. CARROLL'S
ADDITION TO TAKOMA PARK

SURVEYOR'S CERTIFICATE

I hereby certify that the property delineated hereon is in accordance with the plat of subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures, if any. This plat is NOT FOR DETERMINING PROPERTY LINES OR FOR CONSTRUCTION OF IMPROVEMENTS, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this plat.

Michael J. Bazis
Michael J. Bazis RPLS #10956

JOB # 03.0397B	DATE 7-23-03
FIELD JT/KS	DRAFT DAB
	P.B. P #
	SCALE: 1" = 30'

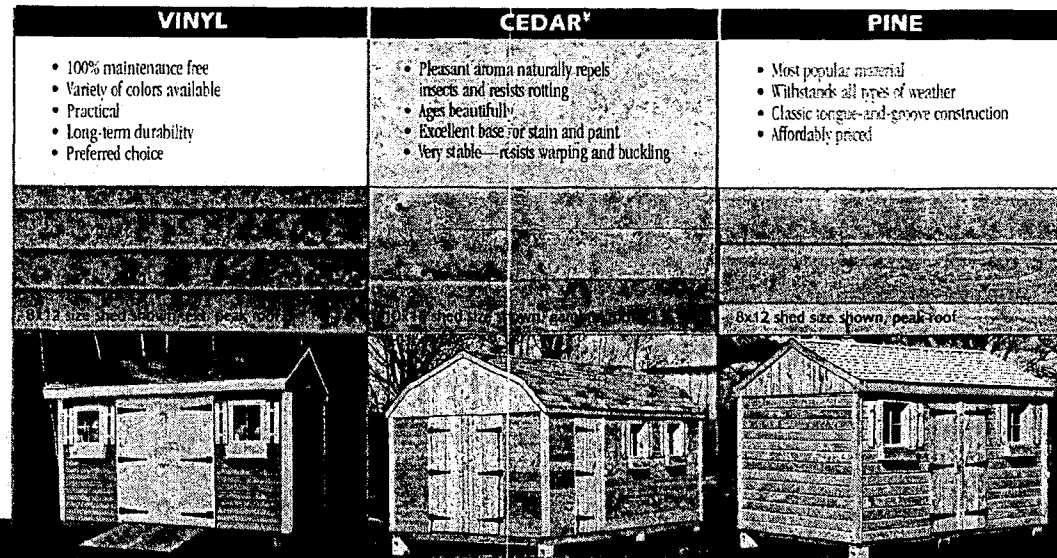
R.C. KELLY & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS

10801 LOCKWOOD DRIVE, SUITE 190
SILVER SPRING, MARYLAND 20901
(301)593-8005 FAX (301)681-7216
E-MAIL: survey@rckelly.com

Customize your shed...

To order, simply fill out an order form and bring to any Costco cashier or call us toll free at 866.616.2688

Li
800



- Vinyl Colors
- white
 - cream
 - tan
 - gray

SIZES

Size	VINYL	CEDAR	PINE
6x6	\$ 1,349.99 ITEM# 450749	\$ 1,249.99 ITEM# 384626	\$ 1,149.99 ITEM# 384608
6x8	\$ 1,429.99 ITEM# 450755	\$ 1,399.99 ITEM# 384627	\$ 1,199.99 ITEM# 384618
8x8	\$ 1,529.99 ITEM# 450756	\$ 1,499.99 ITEM# 64229	\$ 1,299.99 ITEM# 10209
8x10	\$ 1,699.99 ITEM# 450757	\$ 1,669.99 ITEM# 64236	\$ 1,499.99 ITEM# 10211
8x12	\$ 1,999.99 ITEM# 450758	\$ 1,979.99 ITEM# 64245	\$ 1,699.99 ITEM# 10222
8x14	\$ 2,299.99 ITEM# 450759	\$ 2,199.99 ITEM# 64247	\$ 1,999.99 ITEM# 10269
8x16	\$ 2,549.99 ITEM# 450766	\$ 2,499.99 ITEM# 64256	\$ 2,299.99 ITEM# 10300
10x10	\$ 2,059.99 ITEM# 450767	\$ 1,999.99 ITEM# 64277	\$ 1,799.99 ITEM# 10307
10x12	\$ 2,399.99 ITEM# 450768	\$ 2,379.99 ITEM# 64288	\$ 2,249.99 ITEM# 10359
10x14	BEST BUY \$ 2,789.99 ITEM# 450777	\$ 2,699.99 ITEM# 64306	\$ 2,489.99 ITEM# 10366
10x16	BEST BUY \$ 2,999.99 ITEM# 450778	\$ 2,979.99 ITEM# 64308	\$ 2,689.99 ITEM# 10404
12x16	BEST BUY \$ 3,399.99 ITEM# 450779	\$ 3,349.99 ITEM# 384689	\$ 2,999.99 ITEM# 384624
12x20	BEST BUY \$ 4,099.99 ITEM# 451027	\$ 3,999.99 ITEM# 384703	\$ 3,699.99 ITEM# 384625

Note: Shed sizes are approximate. Exact measurements for placement of door(s) and window(s) will not be honored.

Standard Sizes, Pricing and Siding Options

Standard Program, your choice of...

- Door & Window Layouts (Positioning)
- Shingle Color (Black, white/gray, brown)
- Options & Upgrades (Window Screens, Ramps, Door Enlargements, and more)
- Roof Style (Gambrel, Peak, Extended Peak)
- Several Siding Options (See above chart for samples)

Note: Options and upgrades are an additional cost to the standard pricing.

DELIVERED and BUILT ON SITE, FREE OF CHARGE*

10 YEAR WARRANTY

Options & Upgrades

Note: Options and upgrades are an additional cost to the standard pricing.

Floor Upgrades
Floor upgrades for 6ft. & 8ft. wide sheds (upgrade includes pressure-treated 2" x 6" floor joists and pressure-treated 5/8" plywood)
Floor upgrades for 10ft. & 12ft. wide sheds (upgrade includes pressure-treated 5/8" plywood only. Pressure-treated 2" x 6" floor joists are standard on 10ft. & 12ft. wide sheds)

Size	Price	Item #	Size	Price	Item #
6x6	\$ 72.99	388016	10x10	\$115.99	388158
6x8	\$ 97.99	388048	10x12	\$138.99	388211
8x8	\$129.99	338203	10x14	\$161.99	338212
8x10	\$161.99	338206	10x16	\$185.99	338213
8x12	\$194.99	338207	12x16	\$221.99	388049
8x14	\$228.99	338208	12x20	\$277.99	388055
8x16	\$259.99	338209			

Floor Upgrades (cont.)	Price	Item #
4x4 PT Runners (6x6, 6x8, 8x8, 8x10, 8x12, 10x10, 10x12)	\$ 34.99	131059
4x4 PT Runners (8x14, 8x16, 10x14, 10x16, 12x16, 12x20)	\$ 58.99	131066

Door Upgrades
Note: All sheds come standard with a 40" double door and either one or two windows depending on shed size. (6x6 size sheds come standard with 26" single door).

Item	Price	Item #
Exchange standard 26" single door for 40" double door	\$ 49.99	451167
Exchange standard 40" double door for 54"	\$ 59.99	451168
Exchange standard 40" double door for 66"	\$ 89.99	451177
Exchange standard 40" double door for 78"	\$ 119.99	451178

Other Options

Item	Price	Item #
Pressure treated ramp	\$ 49.99	131039
Additional 26" single door	\$ 84.99	451179
Additional 40" double door	\$129.99	451188
Additional 54" double door	\$149.99	451199
Additional 66" double door	\$174.99	451209
Additional 78" double door	\$194.99	451202
Additional standard window (includes flower box and shutters)	\$ 68.99	451203
VINYL SHED ONLY - functional window upgrade (each) (standard vinyl shed window does not open - functional window opens)	\$ 48.99	451205
Window screen (each)	\$ 14.99	131029
Aluminum gable vents (pair)	\$ 29.99	131028
Shelf	\$ 44.99	388058
4' storage loft for 8' wide sheds	\$ 64.99	338200
4' storage loft for 10' wide sheds	\$ 79.99	338202
4' storage loft for 12' wide sheds (loft storage space will vary with roof style)	\$ 94.99	388269
Anchor kit (Anchors and hurricane clips)	\$120.00	131058

COMPACT DECK WITH STEPS

A number of stylish accents add interest to this rectangular deck: The radius-edge decking gives the deck surface a decorative touch, and the chamfer on the rail and the 45° angled cuts on the balusters complete the finished look.

TO ADAPT THIS PLAN

You can build this deck to accommodate a slope by adjusting the height of the posts as required. You may also need to lengthen or shorten the stairway.

BUILDING NOTES

Be sure to cut the posts long enough to extend the required height above the surface of the decking for the railing. Notch the decking to fit around the posts, and add cleats to the sides of the posts, to support the decking. Use scrap pieces of 2x8 lumber for the cleats.

A 2x10 fascia is fastened to the outside of the stair stringers, so that the notches are not visible. Face-nail the fascia to the stringers after the treads are in place but before you attach the railing balusters. You'll also need to notch the bottom tread to fit around the post—support the notched board with a 2x4 cleat nailed to the post—and add a spacer to fill the gap between the rail and the post at the bottom of the steps.

MATERIALS LIST

Designed for pressure-treated lumber, choose lumber rated for ground contact for members in or close to the ground, and lumber rated for aboveground use for the rest of the deck.

Lumber

Posts/beams	4x4 posts, 2x8 beams
Joists/ledger	2x8 joists, 2x10 ledger
Decking	3/4" (actual size) 1 1/2" x 6" (radius edge)
Fascia	2x10
Stairs	2x6 ledger, rail, 2x12 stringers, 3/4" x 6" treads (radius edge), 2x10 fascia, 2x2 balusters
Railings	2x6 top rail, 2x2 balusters

Masonry

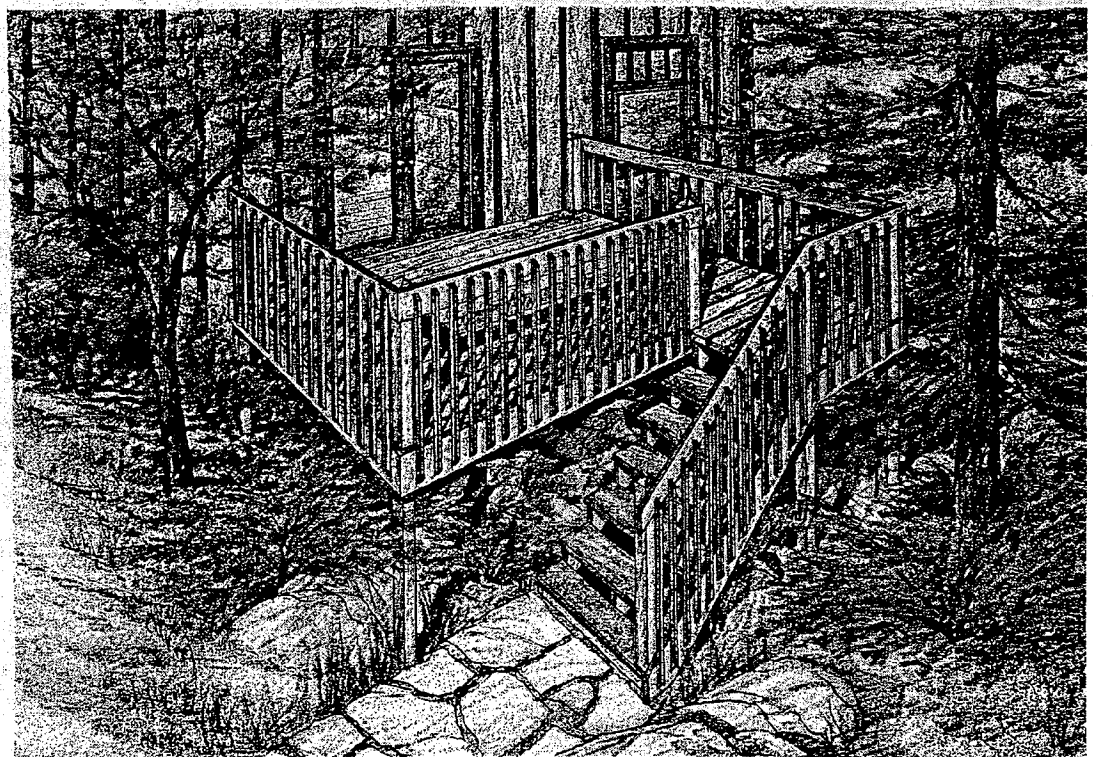
Concrete	10" square footings
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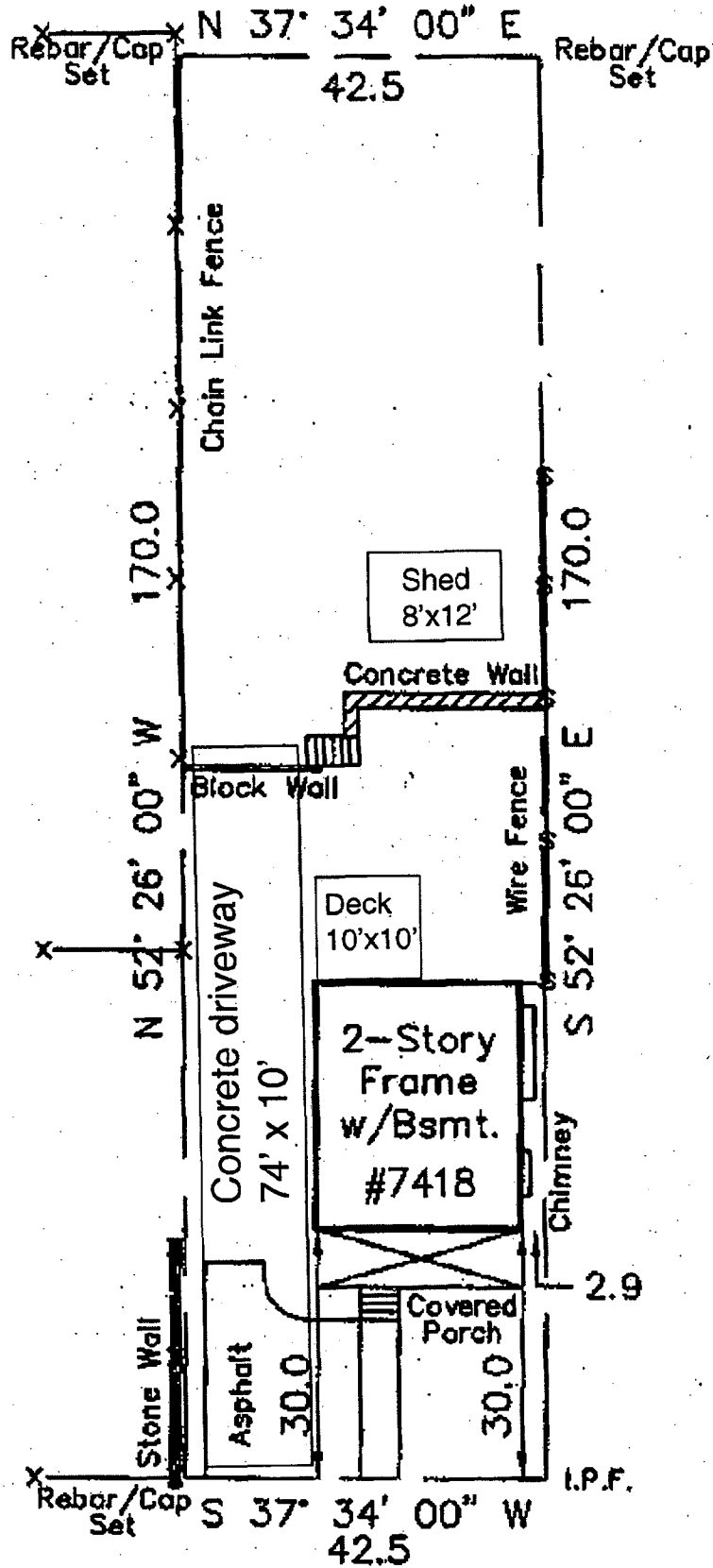
Hardware

Nails	3 1/2" for framing, 3" for fascia, bridging, cleats, balusters, 2 1/2" for decking, nails for framing connectors
Screws	1/2" x 6" lag screws for ledger, 3/4" x 4" lag screws for rails
Bolts	1/2" x 6" for deck beams to posts, 1/2" x 8" for stair platform beams to posts
Connectors	joist hangers
Finishes	Water-repellent sealer

This deck has certain design features that make it stand apart from other basic decks: The platform at the top of the stairs means that the stairs take no space away from the main surface area of the deck, and the posts supporting the deck also serve as railing posts.

PLAN REPRINTED COURTESY
OF THE SOUTHERN
PINE COUNCIL



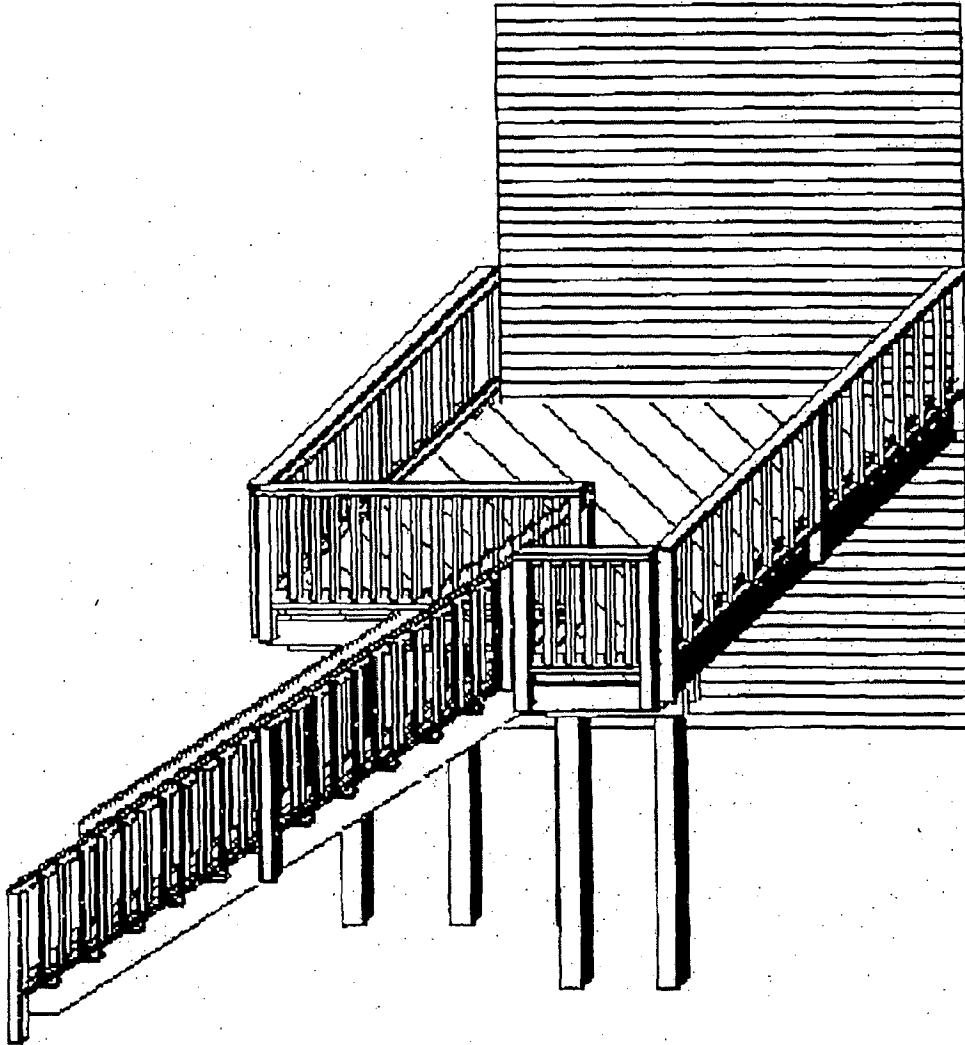


CARROLL AVENUE

51 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
10) 872-0688

or Nov 10 12:41:41 2003
ie materials for this project will cost \$1162.87

NDA WELCH
RO-10-10
'369
J View



The Home Depot # 2575
 9051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
 (410) 872-0688
 11/10/2003
 LINDA WELCH
 PRO-10-10
 87369

Materials for Deck:

Qty	UOM	SKU	Use	Description
113	EA	557285	Baluster	2X2-42IN. NO.1 SINGLE POINT BALUSTER
1	EA	368011	Beam	2X8-8FT. NO.2 PRIME PT SYP .40
1	EA	374474	Beam	2X8-16FT. NO.2 PRIME PT SYP .40
7	EA	365287	Decking	5/4X6X16 PREM. THOMPSON DECKING .40
4	EA	351792	Decking	5/4X6X10 PREM. THOMPSON DECKING .40
3	EA	326627	Decking	5/4X6X12 PREM. THOMPSON DECKING .40
12	EA	326626	Decking	5/4X6X8 PREM. THOMPSON DECKING .40
10	EA	184933	V Top Rail	2X4X8FT. NO.2 PRIME PT SYP .40
10	EA	326626	H Top Rail	5/4X6X8 PREM. THOMPSON DECKING .40
4	EA	374474	Joist	2X8-16FT. NO.2 PRIME PT SYP .40
7	EA	368090	Joist	2X8-10FT. NO.2 PRIME PT SYP .40
2	EA	368011	Joist	2X8-8FT. NO.2 PRIME PT SYP .40
1	EA	368090	Ledger	2X8-10FT. NO.2 PRIME PT SYP .40
5	EA	914002	Post	6X6X12 PT .40 CCA Y/P NO. 2
8	EA	162825	Railing Post	4X4X8 PT .40 CCA Y/P NO. 2
3	EA	169629	Stair Stringer	2X12-16FT. NO.2 PT SYP .40
8	EA	351792	Tread	5/4X6X10 PREM. THOMPSON DECKING .40
10	EA	184933	V Bottom Rail	2X4X8FT. NO.2 PRIME PT SYP .40
10	EA	184933	V Top Rail	2X4X8FT. NO.2 PRIME PT SYP .40
10	EA	854870	2x8 Joist Hanger	2X8 JOIST HANGER
1	EA	735002	BalusterScrewGreen	GREEN 5LB 2 1/2IN DECKMATE DECK SCRW
10	EA	544208	Beam Bolt 4x4	CARRIAGE BOLT-GALV. 1/2 X 8
10	EA	538892	Beam Nut	HEX NUT GALV 1/2
10	EA	538981	Beam Washer	FLAT CUT WASHER GALV 1/2
10	EA	533829	Concln-GroundFoot	80LB SAKRETE CONCRETE MIX
2	EA	735003	Deck Screws3inGreen	GREEN 5LB 3IN DECKMATE DECK SCRW
2	EA	174668	Flashing	1 5/8X1 5/8X8FT ALUM DECK FLASHING
1	PK	462810	Hanger Nails 2x8	10D JOIST HANGER NAILS
1	EA	192708	Joist Framing Nails	16D 3-1/2" HOT GALV COMMON 5 LB
8	EA	538981	Lag Bolt Washer	FLAT CUT WASHER GALV 1/2
8	EA	928607	Ledger-Bolt	LAG SCREW GALV 1/2 X 6
32	EA	544208	Rail Post-Bolt	CARRIAGE BOLT-GALV. 1/2 X 8
32	EA	538892	Rail Post-Nut	HEX NUT GALV 1/2
32	EA	538981	Rail Post-Washer	FLAT CUT WASHER GALV 1/2
1	EA	735002	Step Screw Green	GREEN 5LB 2 1/2IN DECKMATE DECK SCRW

The total cost of in stock materials is \$1162.87 plus tax.
 This estimate was created on 11/10/2003 and is valid for 3 business days.

Parameters from UBC.cod parameter file.
 Parameters used for Deck 1: 60 psf live load, 48 inch footing depth.

WARNING:

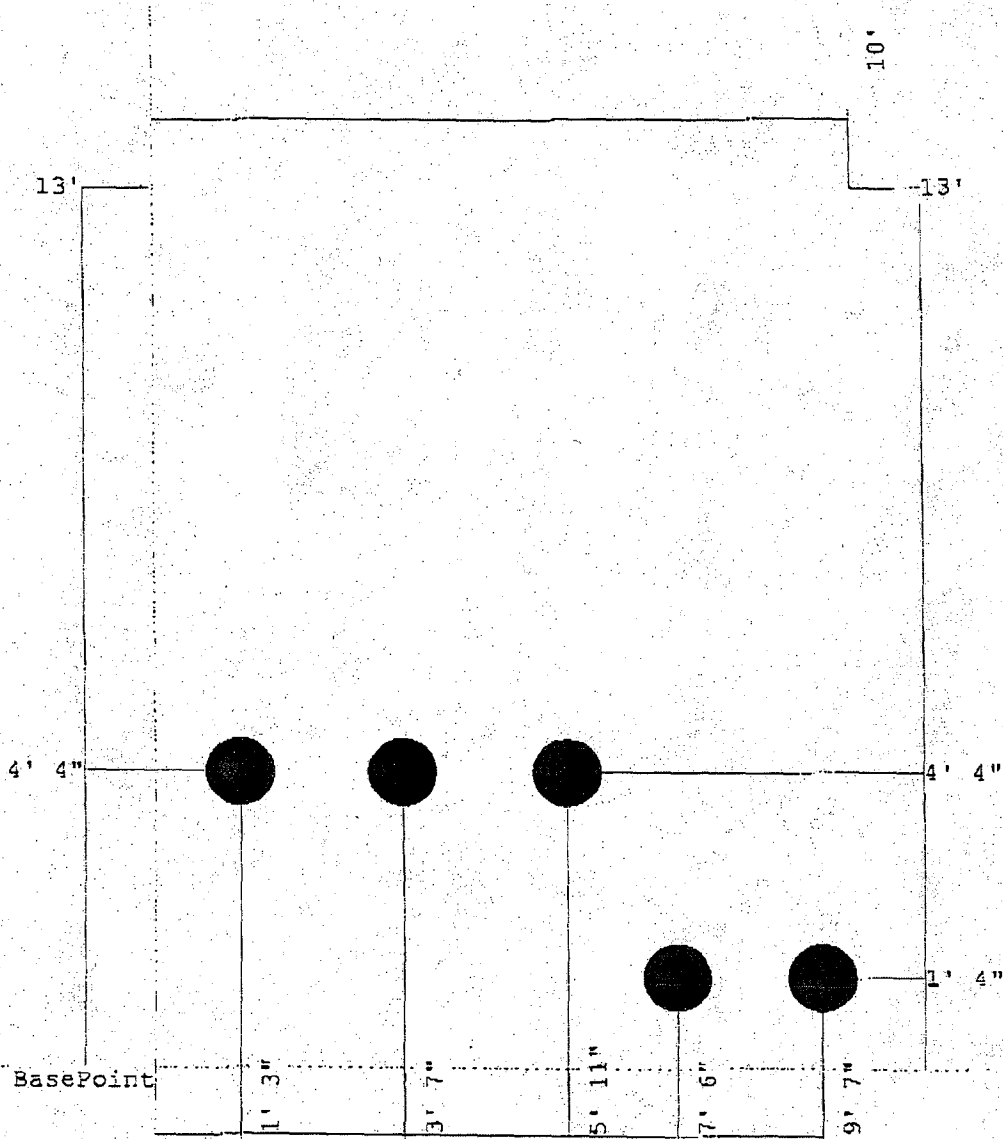
THIS IS NOT A FINAL DESIGN PLAN. VARIATIONS IN BUILDING CODES, SPECIFIC ARCHITECTURAL CONSIDERATIONS, OR SITE CONDITIONS MAY REQUIRE CHANGES TO THIS DESIGN. YOU ARE RESPONSIBLE FOR THE FINAL STRUCTURE, CODE VERIFICATION, MATERIAL USAGE, AND STRUCTURAL SAFETY OF THIS DESIGN. BE SURE TO CHECK AND VERIFY THE DESIGN WITH YOUR LOCAL ARCHITECT AND BUILDING INSPECTOR.

NOV-10-2003 01:52PM FROM-PRO SALES HOME DEPOT 2575
HOME DEPOT # 2073
351 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
(410) 872-0688
ON Nov 10 12:41:41 2003
The materials for this project will cost \$1162.87

4432850402

T-700 P.006/011 F-177

INDA WELCH
RO-10-10
7369
Post Layout for Deck 1

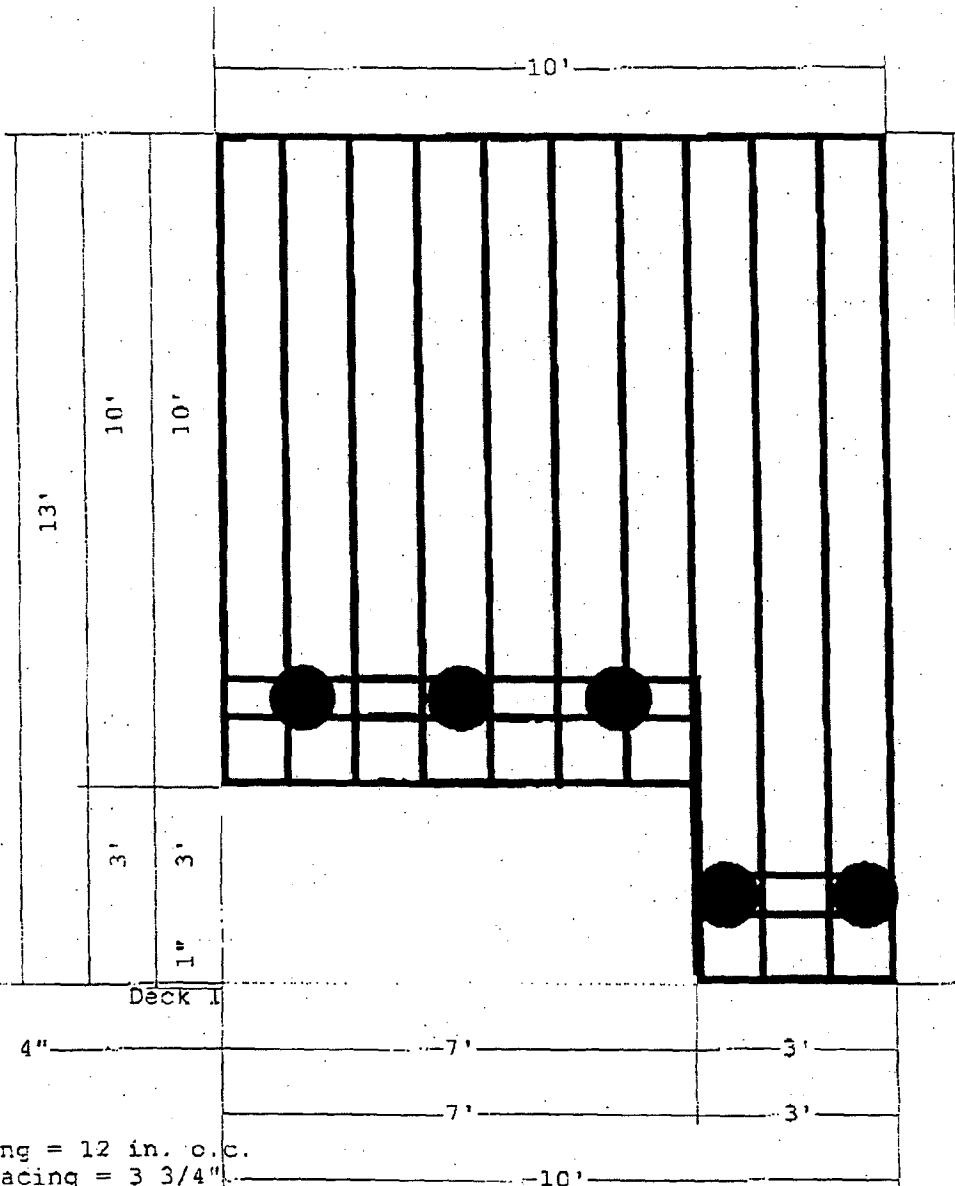


NOV-10-2003 01:52PM FROM-PRO SALES HOME DEPOT 2575
51 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
0) 872-0688
in Nov 10 12:41:41 2003
e materials for this project will cost \$1162.87

4432850402

T-700 P.007/011 F-177

NDA WELCH
RO-10-10
369
Deck Dimensions for Deck 1



Joist Spacing = 12 in. o.c.
Baluster Spacing = 3 3/4"
Toe Spacing = 3 3/4"
Railing Height = 36"

Home Depot #2010
1 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046

1) 872-0688

1 Nov 10 12:41:41 2003

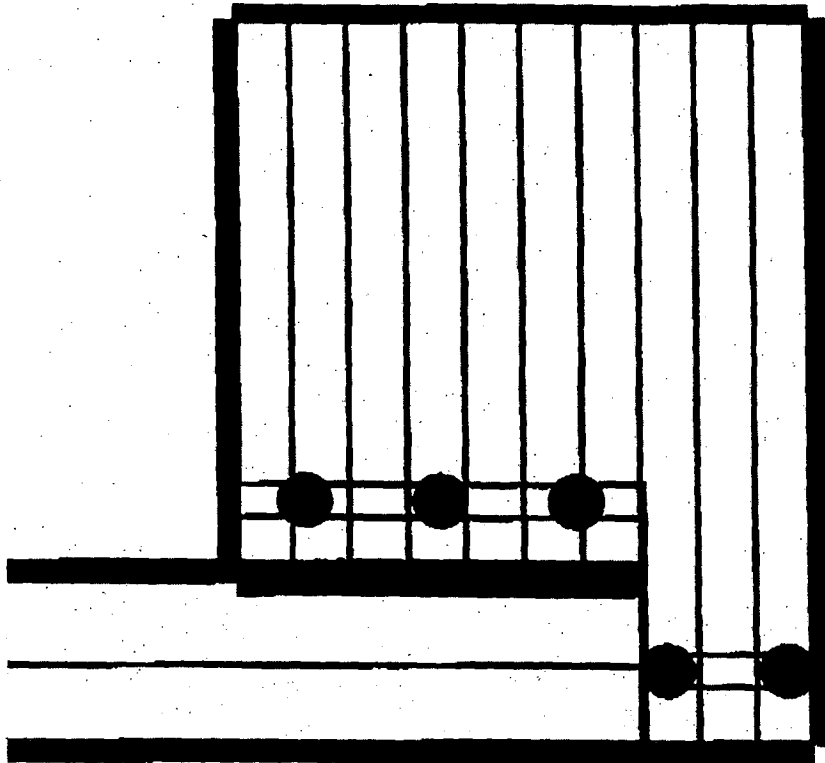
materials for this project will cost \$1162.87

DA WELCH

3-10-10

169

ck Layout



The Home Depot # 2575
9051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
(410) 872-0688
Mon Nov 10 12:42:03 2003
LINDA WELCH
PRO-10-10
87369

Construction Specifications

deck 1:

Construction Method = Beam to Side of Post
Footing Type = In-Ground
Live Load = 60
Dead Load = 10
Decking Spacing = 0 1/8"
Joist Spacing = 12"
Beam Spacing = 132"
Post Spacing = 48"
Decking = 5/4X6 Thompsonized Prem. Southern Pine Standard
Beams = 2X8 .40 prime Southern Pine No. 2
Joists = 2X8 .40 prime Southern Pine No. 2
Posts = 6X6 .40 Treated Southern Pine No. 2
Deck Height = 92"
Diagonal Bracing = No
Deck Skirt = No
Joist Overhang = 12"
Beam Overhang = 12"
Decking Deflection Factor = 360
Joist Deflection Factor = 360
Beam Deflection Factor = 360
Pref Decking Size =
Pref Joist Size = 2x8
Pref Beam Size = 2x8
Pref Post Size = 6x6

Railing 1:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 2:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 3:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 4:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Stair 1:

Step Width = 36"
Step Height = 92"
Step Rise = 7 9/16"
Step Run = 11"
Stringers = 2X12 .40 Treated Southern Pine No. 2
Risers = 5/4X6 Treated Southern Pine Standard

Treads = 5/4X6 Thompsonized Prem. Southern Pine Standard

Railing 5:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 6:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

CONSUMER INFORMATION SHEET

THIS WOOD HAS BEEN PRESERVED BY PRESSURE TREATMENT WITH AN EPA-REGISTERED PESTICIDE CONTAINING CHROMATED COPPER ARSENATE (CCA) TO PROTECT IT FROM TERMITE ATTACK AND DECAY. WOOD TREATED WITH CCA SHOULD BE USED ONLY WHERE SUCH PROTECTION IS IMPORTANT.

CCA PENETRATES DEEPLY INTO AND REMAINS IN THE PRESSURE-TREATED WOOD FOR A LONG TIME. EXPOSURE TO CCA MAY PRESENT CERTAIN HAZARDS. THEREFORE, THE FOLLOWING PRECAUTIONS SHOULD BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

USE SITE PRECAUTION FOR CCA PRESSURE-TREATED WOOD

- * WOOD PRESSURE-TREATED WITH CCA PRESERVATIVES MAY BE USED INSIDE RESIDENCES AS LONG AS ALL SAWDUST AND CONSTRUCTION DEBRIS ARE CLEANED UP AND DISPOSED OF AFTER CONSTRUCTION.
- * DO NOT USE TREATED WOOD UNDER CIRCUMSTANCES WHERE THE PRESERVATIVE MAY BECOME A COMPONENT OF FOOD OR ANIMAL FEED. EXAMPLES OF SUCH SITES WOULD BE STRUCTURES OR CONTAINERS FOR STORING SILAGE OR FOOD.
- * DO NOT USE TREATED WOOD FOR CUTTING-BOARDS OR COUNTERTOPS.
- * ONLY TREATED WOOD THAT IS VISIBLY CLEAN AND FREE OF SURFACE RESIDUE SHOULD BE USED FOR PATIOS, DECKS AND WALKWAYS.
- * DO NOT USE TREATED WOOD FOR CONSTRUCTION OF THOSE PORTIONS OF BEEHIVES WHICH MAY COME INTO CONTACT WITH THE HONEY.
- * TREATED WOOD SHOULD NOT BE USED WHERE IT MAY COME INTO DIRECT OR INDIRECT CONTACT WITH PUBLIC DRINKING WATER, EXCEPT FOR USES INVOLVING INCIDENTAL CONTACT SUCH AS DOCKS AND BRIDGES.

HANDLING PRECAUTIONS FOR CCA PRESSURE-TREATED WOOD

- * DISPOSE OF TREATED WOOD BY ORDINARY TRASH COLLECTION OR BURIAL. TREATED WOOD SHOULD NOT BE BURNED IN OPEN FIRES OR IN 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) MAY BE BURNED ONLY IN COMMERCIAL OR INDUSTRIAL INCINERATORS OR BOILERS IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.
- * AVOID FREQUENT OR PROLONGED INHALATION OF SAWDUST FROM TREATED WOOD. WHEN SAWING 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.
- * WHEN POWER-SAWING AND MACHINING, WEAR GOGGLES TO PROTECT EYES FROM FLYING PARTICLES.* AFTER WORKING WITH THE WOOD, AND BEFORE EATING, DRINKING, AND THE USE OF TOBACCO PRODUCTS, WASH EXPOSED AREAS THOROUGHLY.
- * IF PRESERVATIVES OR SAWDUST ACCUMULATES ON CLOTHES, LAUNDRER BEFORE REUSE. WASH WORK CLOTHES SEPARATELY FROM OTHER HOUSEHOLD CLOTHING.
- * TREATED WOOD SHOULD BE DRY BEFORE HANDLING.

ADDITIONAL INFORMATION IS AVAILABLE AT WWW.EPA.GOV.

EPA APPROVED

Façade, 7418 Carroll Avenue



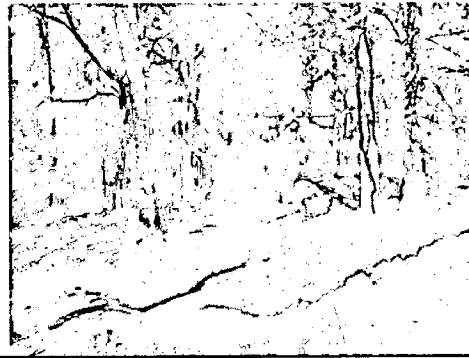
Rear elevation



View from back out to yard



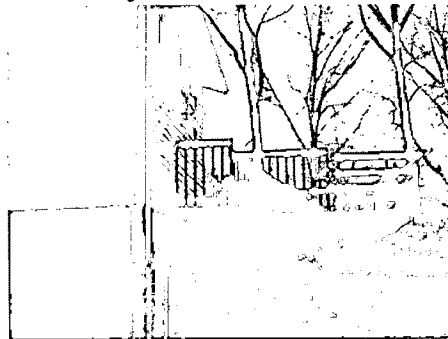
View to site of shed in rear yard



Rear elevation



Adjacent back deck



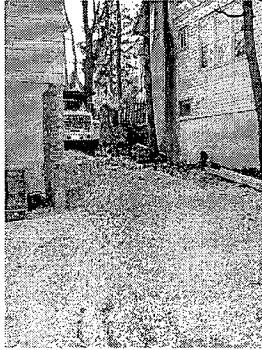
Adjacent back decks



Current gravel extension beyond
30' asphalt paving



View from rear looking back






THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

Date: December 4, 2003

MEMORANDUM

TO: Robert Hubbard, Director

FROM: Gwen Wright, Coordinator
Historic Preservation 

SUBJECT: Historic Area Work Permit # 324535

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **APPROVED WITH THE FOLLOWING CONDITIONS.**

1. That Historic Preservation Staff be authorized to approve alternative materials to solid paved concrete for the driveway.

The HPC staff will review and stamp the construction drawings prior to the applicant's applying for a building permit with DPS.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE APPROVED HISTORIC AREA WORK PERMIT (HAWP).

Applicant: Walter and Linda Welch

Address: 7418 Carroll Avenue, Takoma Park, 20912

This HAWP approval is subject to the general condition that, after issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant arrange for a field inspection by calling the Montgomery County DPS Field Services Office at 240-777-6210 or online at <http://permits.emontgomery.org> prior to commencement of work and not more than two weeks following completion of work



RETURN TO: DEPARTMENT OF PERMITTING SERVICES
255 ROCKVILLE PIKE, 2nd FLOOR, ROCKVILLE, MD 20850
240/777-6370

DPS - #8

324535

HISTORIC PRESERVATION COMMISSION
301/563-3400

APPLICATION FOR HISTORIC AREA WORK PERMIT

Contact Person: Linda Welch
Daytime Phone No.: 240-228-6990

Tax Account No.:
Name of Property Owner: Walter & Linda Welch Daytime Phone No.: 240-228-6990
Address: 7418 Carroll Ave Takoma Park, MD 20912
Contractor: Phone No.:
Contractor Registration No.:
Agent for Owner: Daytime Phone No.:

LOCATION OF BUILDING/PREMISE

House Number: 7418 Street: Carroll Ave
Town/City: Takoma Park Nearest Cross Street: Boyd or Lincoln
Lot: Block: Subdivision:
Liber: Folio: Parcel:

PART ONE: TYPE OF PERMIT ACTION AND USE

1A. CHECK ALL APPLICABLE:
Construct [checked] Extend [] Alter/Renovate []
Move [] Install [] Wreck/Raze []
Revision [] Repair [] Revocable []
CHECK ALL APPLICABLE:
A/C [] Slab [] Room Addition [] Porch [] Deck [] Shed []
Solar [] Fireplace [] Woodburning Stove [] Single Family [checked]
Fence/Wall (complete Section 4) [] Other: []
1B. Construction cost estimate: \$
1C. If this is a revision of a previously approved active permit, see Permit #

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

2A. Type of sewage disposal: 01 [] WSSC 02 [] Septic 03 [] Other:
2B. Type of water supply: 01 [] WSSC 02 [] Well 03 [] Other:

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

3A. Height feet inches
3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:
[] On party line/property line [] Entirely on land of owner [] On public right of way/easement

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the construction will comply with plans approved by all agencies listed and I hereby acknowledge and accept this to be a condition for the issuance of this permit.

Signature of owner or authorized agent: [Signature] Date: 12/04/03
Approved: [Signature] Supervisor, Historic Preservation Commission
Disapproved: Signature:
Application/Permit No.: 324535 Date Filed: Date Issued:

THE FOLLOWING ITEMS MUST BE COMPLETED AND THE REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.

1. WRITTEN DESCRIPTION OF PROJECT

a. Description of existing structure(s) and environmental setting, including their historical features and significance:

I would like to erect a different shed from the one already approved. It will be painted the same green color as the house & the shingles will match the house. Location is now on the lower level. See plat. I want a deck on the 2nd level 10'x10'. I would like to have a concrete driveway extending from the original driveway further down the Hill.

b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district:

The original block wall has been covered by dirt and is now just a sloped hill.

2. SITE PLAN

Site and environmental setting, drawn to scale. You may use your plat. Your site plan must include:

- a. the scale, north arrow, and date;
- b. dimensions of all existing and proposed structures; and
- c. site features such as walkways, driveways, fences, ponds, streams, trash dumpsters, mechanical equipment, and landscaping.

3. PLANS AND ELEVATIONS

You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 8 1/2" x 11" paper are preferred.

- a. Schematic construction plans, with marked dimensions, indicating location, size and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- b. Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and fixtures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

4. MATERIALS SPECIFICATIONS

General description of materials and manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

5. PHOTOGRAPHS

- a. Clearly labeled photographic prints of each facade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.
- b. Clearly label photographic prints of the resource as viewed from the public right-of-way and of the adjoining properties. All labels should be placed on the front of photographs.

6. TREE SURVEY

If you are proposing construction adjacent to or within the decline of any tree 6" or larger in diameter (at approximately 4 feet above the ground), you must file an accurate tree survey identifying the size, location, and species of each tree of at least that dimension.

7. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS

For ALL projects, provide an accurate list of adjacent and confronting property owners (not tenants), including names, addresses, and zip codes. This list should include the owners of all lots or parcels which adjoin the parcel in question, as well as the owner(s) of lot(s) or parcel(s) which lie directly across the street/highway from the parcel in question. You can obtain this information from the Department of Assessments and Taxation, 51 Monroe Street, Rockville, (301)279-1355).

PLEASE PRINT (IN BLUE OR BLACK INK) OR TYPE THIS INFORMATION ON THE FOLLOWING PAGE.
PLEASE STAY WITHIN THE GUIDES OF THE TEMPLATE, AS THIS WILL BE PHOTOCOPIED DIRECTLY ONTO MAILING LABELS.

HAWP APPLICATION: MAILING ADDRESSES FOR NOTIFYING
[Owner, Owner's Agent, Adjacent and Confronting Property Owners]

Owner's mailing address

7418 Carroll Ave
Takoma Park, MD 20912

Owner's Agent's mailing address

Adjacent and confronting Property Owners mailing addresses

Hally Childs
7416 Carroll Ave

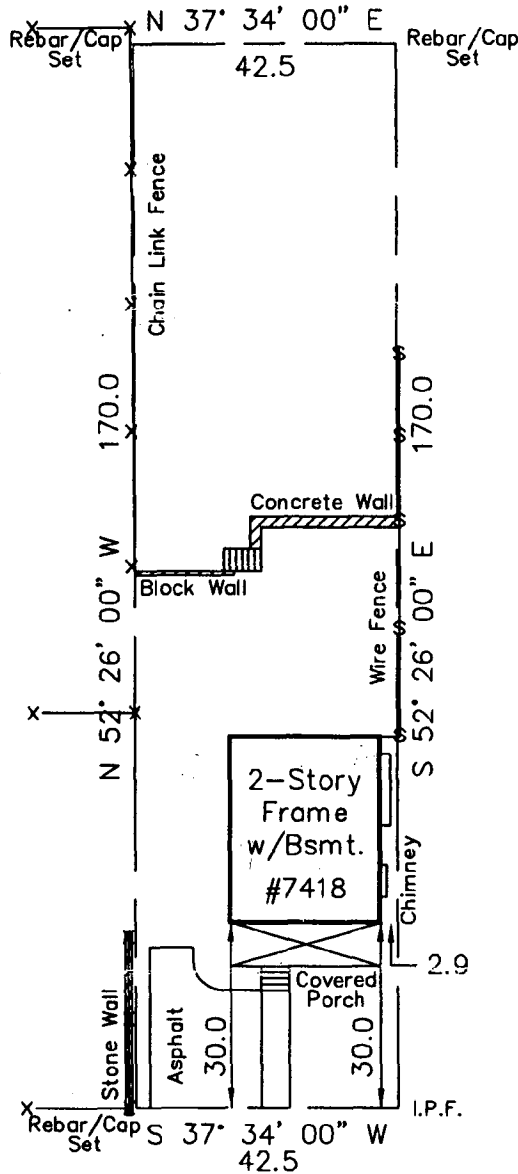
Margaret Mauck
7420 Carroll Ave

Mary Seghers
7421 Carroll Ave
mailing address
9741 Mill Run Dr.
Great Falls, VA 22066

The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing. The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.

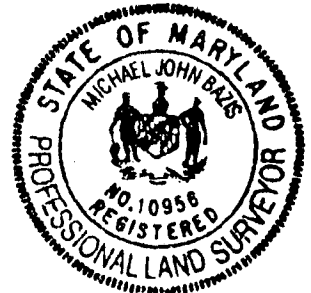
NOTES:

- (1) The lot shown hereon does not lie within the limits of the 100 year flood plain as shown on FIRM Panel No. 200
Date of Map: 8-5-91
Flood Zone: "C"
- (2) No property corners found or set unless otherwise noted.
- (3) The accuracy of this survey and the apparent setback distances is 0.1'



CARROLL AVENUE

APPROVED
Montgomery County
Historic Preservation Commission
Jason E. Velazquez
JL 12/15/03



PLAT OF SURVEY
PROPERTY OF
7418 CARROLL AVENUE, LLC AS PER
FINAL JUDGEMENT, CASE 226280
CIRCUIT COURT FOR
MONTGOMERY COUNTY, MARYLAND
AND AS DESCRIBED IN
LIBER 1044 FOLIO 107
ALSO KNOWN AS
PART OF SECTION 9 OF
GENERAL S.S. CARROLL'S
ADDITION TO TAKOMA PARK

SURVEYOR'S CERTIFICATE

I hereby certify that the property delineated hereon is in accordance with the plat of subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures, if any. This plat is NOT FOR DETERMINING PROPERTY LINES OR FOR CONSTRUCTION OF IMPROVEMENTS, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this plat.

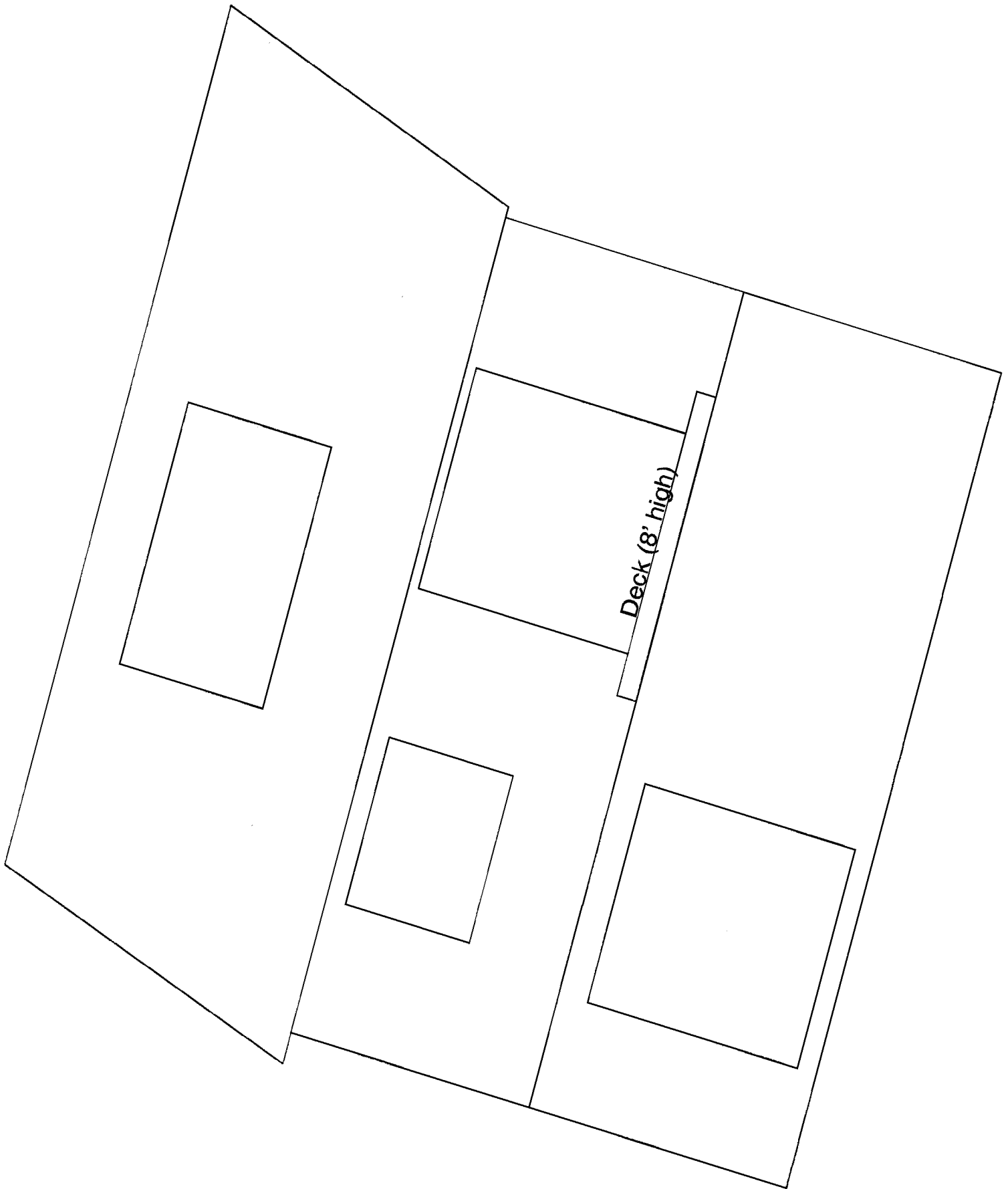
Michael J. Bazis
Michael J. Bazis

RPLS #10956

JOB # 03.0397B	DATE 7-23-03
FIELD JT/KS	DRAFT DAB
	P.B. P #
	SCALE: 1" = 30'

R.C. KELLY & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS

10801 LOCKWOOD DRIVE, SUITE 190
SILVER SPRING, MARYLAND 20901
(301)593-8005 FAX (301)681-7216
E-MAIL: survey@rckelly.com



APPROVED
Montgomery County
Historic Preservation Commission

ESL 12/15/03

COMPACT DECK WITH STEPS

A number of stylish accents add interest to this rectangular deck: The radius-edge decking gives the deck surface a decorative touch, and the chamfer on the rail and the 45° angled cuts on the balusters complete the finished look.

TO ADAPT THIS PLAN

You can build this deck to accommodate a slope by adjusting the height of the posts as required. You may also need to lengthen or shorten the stairway.

BUILDING NOTES

Be sure to cut the posts long enough to extend the required height above the surface of the decking for the railing. Notch the decking to fit around the posts, and add cleats to the sides of the posts, to support the decking. Use scrap pieces of 2x8 lumber for the cleats.

A 2x10 fascia is fastened to the outside of the stair stringers, so that the notches are not visible. Face-nail the fascia to the stringers after the treads are in place but before you attach the railing balusters. You'll also need to notch the bottom tread to fit around the post—support the notched board with a 2x4 cleat nailed to the post—and add a spacer to fill the gap between the rail and the post at the bottom of the steps.

MATERIALS LIST

Designed for pressure-treated lumber; choose lumber rated for ground contact for members in or close to the ground, and lumber rated for aboveground use for the rest of the deck.

Lumber

Posts/beams	4x4 posts; 2x8 beams
Joists/ledger	2x8 joists; 2x10 ledger
Decking	5/4 (actual size 1") x6 (radius edge)
Fascia	2x10
Stairs	2x6 ledger; rail; 2x12 stringers; 5/4 x6 treads (radius edge); 2x10 fascia; 2x2 balusters
Railings	2x6 top rail; 2x2 balusters

Masonry

Concrete	10" square footings
----------	---------------------

Hardware

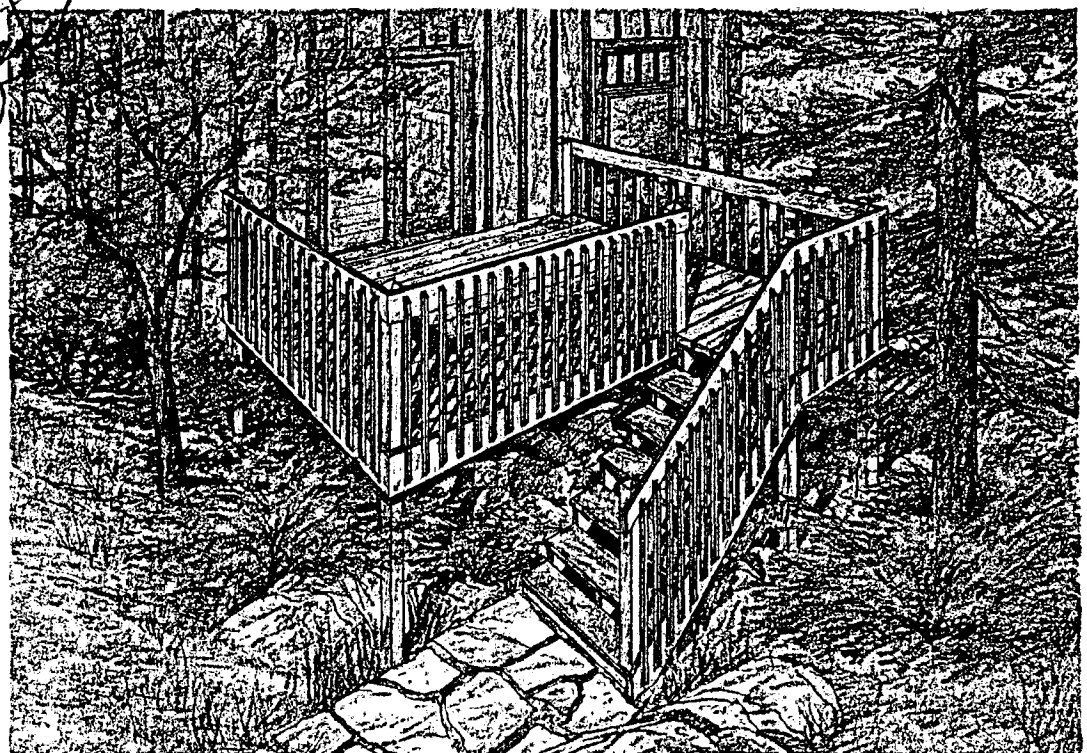
Nails	3/4" for framing; 3" for fascia, bridging, cleats, balusters; 2 1/2" for decking; nails for framing connectors
Screws	1/2"x6" lag screws for ledger; 1/4"x4" lag screws for rails
Bolts	1/2"x6" for deck beams to posts; 1/2"x8" for stair platform beams to posts
Connectors	joist hangers
Finishes	Water-repellent sealer

APPROVED
Montgomery County
Historic Preservation Commission

Jessie E. Volz
12/15/03
EJL

This deck has certain design features that make it stand apart from other basic decks: The platform at the top of the stairs means that the stairs take no space away from the main surface area of the deck, and the posts supporting the deck also serve as railing posts.

PLAN REPRINTED COURTESY
OF THE SOUTHERN
PINE COUNCIL



Customize your shed...

To order, simply fill out an order form and bring to any Costco cashier or call us toll free at 866.616.2688

	VINYL	CEDAR	PINE																																																																																																																					
	<ul style="list-style-type: none"> 100% maintenance free Variety of colors available Practical Long-term durability Preferred choice 	<ul style="list-style-type: none"> Pleasant aroma; naturally repels insects and resists rotting Ages beautifully Excellent base for stain and paint Very stable—resists warping and buckling 	<ul style="list-style-type: none"> Most popular material Withstands all types of weather Classic tongue-and-groove construction Affordably priced 																																																																																																																					
	8x12 size shed shown, ext. peak roof	10x16 shed size shown, gambrel roof	8x12 shed size shown, peak roof																																																																																																																					
SIZES	<table border="1"> <tr><td>6x6</td><td>\$ 1,349.99</td><td>ITEM# 450749</td></tr> <tr><td>6x8</td><td>\$ 1,429.99</td><td>ITEM# 450755</td></tr> <tr><td>8x8</td><td>\$ 1,529.99</td><td>ITEM# 450756</td></tr> <tr><td>8x10</td><td>\$ 1,699.99</td><td>ITEM# 450757</td></tr> <tr><td>8x12</td><td>\$ 1,999.99</td><td>ITEM# 450758</td></tr> <tr><td>8x14</td><td>\$ 2,299.99</td><td>ITEM# 450759</td></tr> <tr><td>8x16</td><td>\$ 2,549.99</td><td>ITEM# 450766</td></tr> <tr><td>10x10</td><td>\$ 2,059.99</td><td>ITEM# 450767</td></tr> <tr><td>10x12</td><td>\$ 2,399.99</td><td>ITEM# 450768</td></tr> <tr><td>10x14</td><td>\$ 2,789.99</td><td>ITEM# 450777</td></tr> <tr><td>10x16</td><td>\$ 2,999.99</td><td>ITEM# 450778</td></tr> <tr><td>12x16</td><td>\$ 3,399.99</td><td>ITEM# 450779</td></tr> <tr><td>12x20</td><td>\$ 4,099.99</td><td>ITEM# 451027</td></tr> </table>	6x6	\$ 1,349.99	ITEM# 450749	6x8	\$ 1,429.99	ITEM# 450755	8x8	\$ 1,529.99	ITEM# 450756	8x10	\$ 1,699.99	ITEM# 450757	8x12	\$ 1,999.99	ITEM# 450758	8x14	\$ 2,299.99	ITEM# 450759	8x16	\$ 2,549.99	ITEM# 450766	10x10	\$ 2,059.99	ITEM# 450767	10x12	\$ 2,399.99	ITEM# 450768	10x14	\$ 2,789.99	ITEM# 450777	10x16	\$ 2,999.99	ITEM# 450778	12x16	\$ 3,399.99	ITEM# 450779	12x20	\$ 4,099.99	ITEM# 451027	<table border="1"> <tr><td>6x6</td><td>\$ 1,249.99</td><td>ITEM# 384626</td></tr> <tr><td>6x8</td><td>\$ 1,399.99</td><td>ITEM# 384627</td></tr> <tr><td>8x8</td><td>\$ 1,499.99</td><td>ITEM# 64229</td></tr> <tr><td>8x10</td><td>\$ 1,669.99</td><td>ITEM# 64236</td></tr> <tr><td>8x12</td><td>\$ 1,979.99</td><td>ITEM# 64245</td></tr> <tr><td>8x14</td><td>\$ 2,199.99</td><td>ITEM# 64247</td></tr> <tr><td>8x16</td><td>\$ 2,499.99</td><td>ITEM# 64256</td></tr> <tr><td>10x10</td><td>\$ 1,999.99</td><td>ITEM# 64277</td></tr> <tr><td>10x12</td><td>\$ 2,379.99</td><td>ITEM# 64288</td></tr> <tr><td>10x14</td><td>\$ 2,699.99</td><td>ITEM# 64306</td></tr> <tr><td>10x16</td><td>\$ 2,979.99</td><td>ITEM# 64308</td></tr> <tr><td>12x16</td><td>\$ 3,349.99</td><td>ITEM# 384689</td></tr> <tr><td>12x20</td><td>\$ 3,999.99</td><td>ITEM# 384703</td></tr> </table>	6x6	\$ 1,249.99	ITEM# 384626	6x8	\$ 1,399.99	ITEM# 384627	8x8	\$ 1,499.99	ITEM# 64229	8x10	\$ 1,669.99	ITEM# 64236	8x12	\$ 1,979.99	ITEM# 64245	8x14	\$ 2,199.99	ITEM# 64247	8x16	\$ 2,499.99	ITEM# 64256	10x10	\$ 1,999.99	ITEM# 64277	10x12	\$ 2,379.99	ITEM# 64288	10x14	\$ 2,699.99	ITEM# 64306	10x16	\$ 2,979.99	ITEM# 64308	12x16	\$ 3,349.99	ITEM# 384689	12x20	\$ 3,999.99	ITEM# 384703	<table border="1"> <tr><td>6x6</td><td>\$ 1,149.99</td><td>ITEM# 384608</td></tr> <tr><td>6x8</td><td>\$ 1,199.99</td><td>ITEM# 384618</td></tr> <tr><td>8x8</td><td>\$ 1,299.99</td><td>ITEM# 10209</td></tr> <tr><td>8x10</td><td>\$ 1,499.99</td><td>ITEM# 10211</td></tr> <tr><td>8x12</td><td>\$ 1,699.99</td><td>ITEM# 10222</td></tr> <tr><td>8x14</td><td>\$ 1,999.99</td><td>ITEM# 10269</td></tr> <tr><td>8x16</td><td>\$ 2,299.99</td><td>ITEM# 10300</td></tr> <tr><td>10x10</td><td>\$ 1,799.99</td><td>ITEM# 10307</td></tr> <tr><td>10x12</td><td>\$ 2,249.99</td><td>ITEM# 10359</td></tr> <tr><td>10x14</td><td>\$ 2,489.99</td><td>ITEM# 10366</td></tr> <tr><td>10x16</td><td>\$ 2,689.99</td><td>ITEM# 10404</td></tr> <tr><td>12x16</td><td>\$ 2,999.99</td><td>ITEM# 384624</td></tr> <tr><td>12x20</td><td>\$ 3,699.99</td><td>ITEM# 384625</td></tr> </table>	6x6	\$ 1,149.99	ITEM# 384608	6x8	\$ 1,199.99	ITEM# 384618	8x8	\$ 1,299.99	ITEM# 10209	8x10	\$ 1,499.99	ITEM# 10211	8x12	\$ 1,699.99	ITEM# 10222	8x14	\$ 1,999.99	ITEM# 10269	8x16	\$ 2,299.99	ITEM# 10300	10x10	\$ 1,799.99	ITEM# 10307	10x12	\$ 2,249.99	ITEM# 10359	10x14	\$ 2,489.99	ITEM# 10366	10x16	\$ 2,689.99	ITEM# 10404	12x16	\$ 2,999.99	ITEM# 384624	12x20	\$ 3,699.99	ITEM# 384625
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Note: Shed sizes are approximate. Exact measurements for placement of door(s) and window(s) will not be honored.

Standard Sizes, Pricing and Siding Options

Standard Program, your choice of...

- Door & Window Layouts (Positioning)
- Roof Style (Gambrel, Peak, Extended Peak)
- Shingle Color (Black, white/gray, brown)
- Several Siding Options (See above chart for samples)
- Options & Upgrades (Window Screens, Ramps, Door Enlargements, and more)

Note: Options and upgrades are an additional cost to the standard pricing.

DELIVERED and BUILT ON SITE, FREE OF CHARGE*

10 YEAR WARRANTY

Lindsey X321
800 441 8489

Options & Upgrades

Note: Options and upgrades are an additional cost to the standard pricing.

Floor Upgrades

Floor upgrades for 6ft. & 8ft. wide sheds (Upgrade includes pressure-treated 2" x 6" floor joists and pressure-treated 5/8" plywood)

Size	Price	Item #
6x6	\$ 72.99	388016
6x8	\$ 97.99	388048
8x8	\$129.99	338203
8x10	\$161.99	338206
8x12	\$194.99	338207
8x14	\$228.99	338208
8x16	\$259.99	338209

Floor upgrades for 10ft. & 12ft. wide sheds (upgrade includes pressure-treated 5/8" plywood only. Pressure-treated 2" x 6" floor joists are standard on 10ft. & 12ft. wide sheds)

Size	Price	Item #
10x10	\$115.99	388158
10x12	\$138.99	388211
10x14	\$161.99	338212
10x16	\$185.99	338213
12x16	\$221.99	388049
12x20	\$277.99	388055

Floor Upgrades (cont.)

	Price	Item#
4x4 PT Runners" (6x6, 6x8, 8x8, 8x10, 8x12, 10x10, 10x12)	\$ 34.99	131059
4x4 PT Runners" (8x14, 8x16, 10x14, 10x16, 12x16, 12x20)	\$ 58.99	131066

Door Upgrades

Note: All sheds come standard with a 40" double door and either one or two windows depending on shed size. (6x6 size sheds come standard with 26" single door)

Item	Price	Item#
Exchange standard 26" single door for 40" double door	\$ 49.99	451167
Exchange standard 40" double door for 54"	\$ 59.99	451168
Exchange standard 40" double door for 66"	\$ 89.99	451177
Exchange standard 40" double door for 78"	\$ 119.99	451178

Other Options

Item	Price	Item#
Pressure treated ramp	\$ 49.99	131039
Additional 26" single door	\$ 84.99	451179
Additional 40" double door	\$ 129.99	451188
Additional 54" double door	\$ 149.99	451199
Additional 66" double door	\$ 174.99	451200
Additional 78" double door	\$ 194.99	451202
Additional standard window (includes flower box and sillings)	\$ 68.99	451203
VINYL SHED ONLY - functional window (opposite each)	\$ 48.99	451205
(standard vinyl shed window opens — functional window opens)		
Window screen (each)	\$ 14.99	131029
Aluminum gable vents (each)	\$ 29.99	131028
Shelf	\$ 44.99	388058
4' storage loft for 8' wide sheds	\$ 64.99	338200
4' storage loft for 10' wide sheds	\$ 79.99	338202
4' storage loft for 12' wide sheds (loft storage space will vary with roof style)	\$ 94.99	388269
Anchor kit" (Anchors and hurricane clips)	\$ 120.00	131058

Site Requirements

- Clearance** around the shed site must be at least 3' from any fences, trees, etc. Please remove tree branches, brush or other obstacles 3' around perimeter of shed and 12' above ground.
- Land grade** must be less than a 6" slope from the highest to lowest point, with no protruding rocks or stumps in the area.
- Access** to the site must be clear; sheds are delivered in prefab panels—stairs, narrow walkways, fences, gates, shrubs, carports, awnings, arbors, etc. may present difficulties and should be brought to Sheds USA's attention prior to delivery.
- Land quality** is important. When choosing your site consider all factors, including: proper drainage, firmness of earth, etc.
- Permits** are the responsibility of the homeowner. Please contact your local town office prior to purchasing/ordering your shed to determine town/county restrictions, if any.
- Shed site** must be 150' or less from where large tractor trailer can park. Sheds sites located further than 150' from truck parking area will incur a minimum \$50.00 fee, payable to Sheds USA at time of scheduling. Please inform/contact our office if this applies to your site (toll free 866.616.2688).

If any of the above SITE REQUIREMENTS are not fulfilled, your shed may not be built and a fee of \$150.00 will be charged for our crew to return and construct your shed once conditions are met. If this occurs, delivery of your shed materials must be accepted and placed on your property in a location accessible to the final shed site to avoid a \$300 re-delivery fee. It is the member's responsibility to cover the materials with a non-transparent, waterproof material to prevent any unnecessary weathering and/or discoloration. All fees are assessed by Sheds USA at time of notification.

Please note: Some town/county building codes may require members to purchase an "Anchor kit and/or 4x4 PT Runners" in order to meet town/county specific requirements/codes. Although Sheds USA builds one of the highest quality shed products available, some towns have very stringent building codes and Sheds USA cannot guarantee that all of our sheds will meet these codes. Any additional cost necessary to meet code requirements will be the member's responsibility.

**Cedar sheds may be built with Cedar or Cypress depending on availability. Cypress and Cedar have very similar appearances & characteristics, all bulleted items under the Cedar header apply to both wood types. Sheds USA reserves the right to substitute materials with the understanding that any substitutions will be of comparable quality and appearance to that being specified.*

Visit www.shedsusa.com/costco for more detailed information.

Built to Last

Sheds USA® stands out in both quality and service. Our sheds are built with your specifications in mind—all made with the finest quality material and backed up with our 10 year warranty. Unlike most shed companies, Sheds USA will deliver and assemble your shed for you, at no extra charge.* From gardening tools to art supplies to sporting equipment, we have a shed for your storage needs.

How to Order Your Shed

Sheds USA offers a flexible program for customizing a shed to both your individual budget and needs—and it's easy. Use "Standard Features & Materials" to help identify which best fits your needs.

- Pick up a Sheds USA/Costco order form
- Choose a shed siding and size.
- If ordering a Vinyl sided shed, choose your siding color.
- Choose the roof style and shingle color.
- Customize the placement of your doors & windows.
- If you have specific requirements, see "Options & Upgrades" for details.
- Read our "Site Requirements" and "Delivery" information carefully.
- Bring the Sheds USA/Costco order form to a cashier or simply call us toll free at **866.616.2688**

Standard Features & Materials

Roof (peak, extended peak or gambrel)

- 1/2" plywood
- 2" x 4" construction, 24" on center
- Self-sealing shingles with 25 year warranty—available in black, white/gray or brown
- 6' wide sheds available in peak roof only



Peak



Extended Peak



Gambrel

Roof Heights

	Peak	Ext. Peak	Gambrel
6' wide	8' 0"	n/a	n/a
8' wide	8' 3"	8' 6"	9' 0"
10' wide	8' 11"	9' 2"	9' 5"
12' wide	9' 6"	9' 9"	9' 10"

Walls

- All sidings are unfinished
- 2" x 4" construction, 24" on center
- Pine: 6" tongue & groove (horizontal)
- Cedar: 6" or 8" tongue & groove (horizontal)
- Wall height = 71"
- Vinyl applied over 1/2" plywood

Floor (Floor sizes are approximate)

- 5/8" plywood (exterior grade)
- 2" x 4" construction, 16" on center for 6' & 8' wide units
- 2" x 6" construction, 16" on center for 10' & 12' wide units
- Concrete block supports—4 corners, front & back center of outside frame

If preparing your own foundation/footing, please call Sheds USA for exact outside floor dimensions.



Heavy Duty PT 2x4 or 2x6 Floor Construction

Windows

- All windows come with flower boxes and shutters
- 6 x 6, 6 x 8, 8 x 8, 8 x 10 and 10 x 10 units include one window—all others include two
- Wooden sheds come standard with functional windows.
- Vinyl sheds come standard with non-functional windows (functional windows available as an option)



Window (optional screen)

Doors

- 40" double door standard (6x6 sheds come standard with 26" single door)
- Optional 54", 66" & 78" doors size available



Standard 40" Double Door

Delivery

- Sheds USA** will acknowledge the receipt of your order by phone or by mail. Please provide a daytime phone number at time of purchase.
- Delivery schedule** will be established by Sheds USA. You will be contacted by phone 1 to 2 weeks in advance.
- Delivery time** will fluctuate based on seasonal volume, weather conditions and other uncontrollable events. Please note our crews deliver/install multiple sheds per day; therefore the status of one order may effect many others. We ask our customers to be understanding if an unforeseen event affects their delivery/installation date.
- Delivery date** and installation date may differ.
- Site requirements** must be fulfilled prior to scheduling (please refer to the "Site Requirements" section, located on the flip side, to ensure understanding).
- Cancellation** of any product already in production or manufactured will incur a 20% cancellation fee. Please contact us immediately if your order needs to be cancelled.

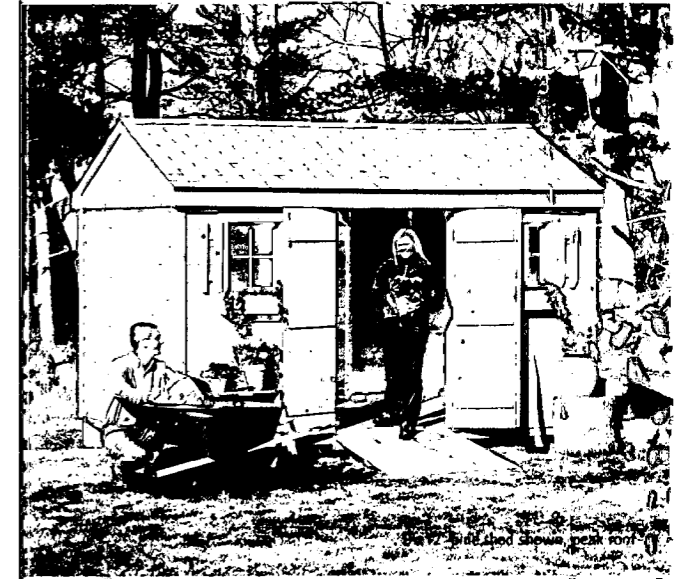
Visit www.ShedsUSA.com/costco for more detailed information.

Sheds USA takes pride in its experienced staff of builders.

Most sheds are built within 3 hours of arrival—backed by our outstanding 10 year warranty.

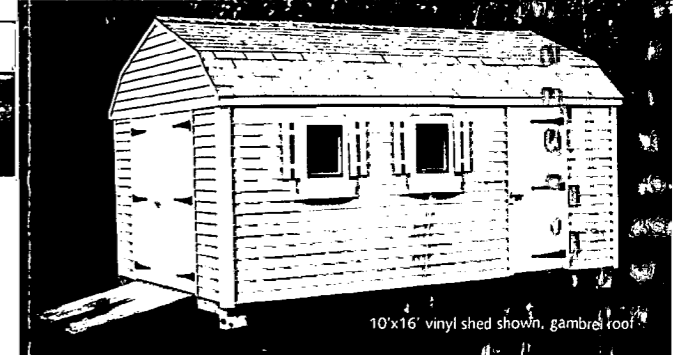
COSTCO
WHOLESALE

Quality Custom Built Storage Sheds



10 YEAR warranty

DELIVERED and BUILT ON-SITE
FREE OF CHARGE



10'x16' vinyl shed shown, gambrel roof

MAINTENANCE-FREE
vinyl sided sheds

*most areas

For more detailed information visit our Web site

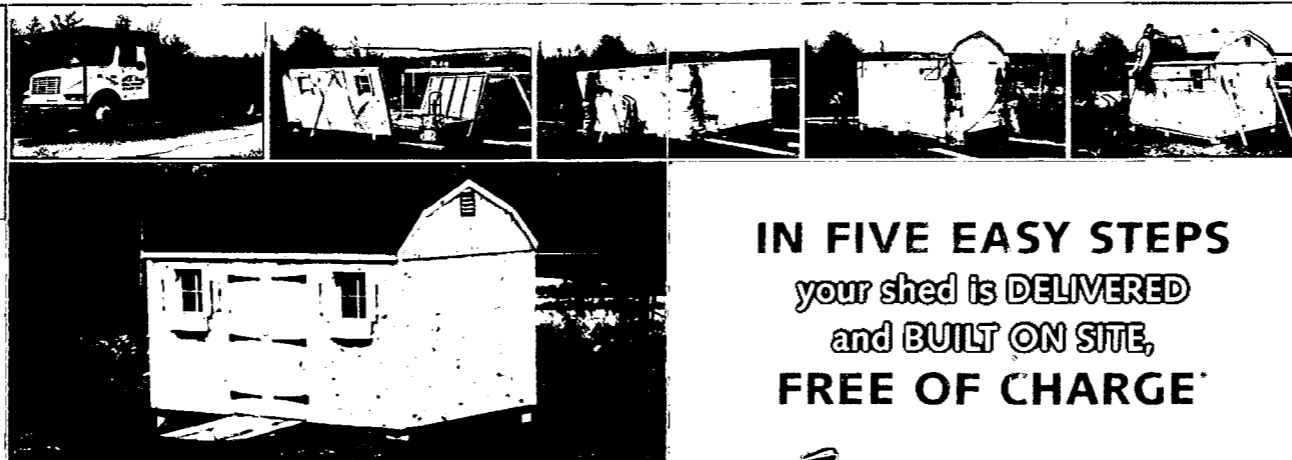
www.ShedsUSA.com/costco

or call us toll free at **866.616.2688**

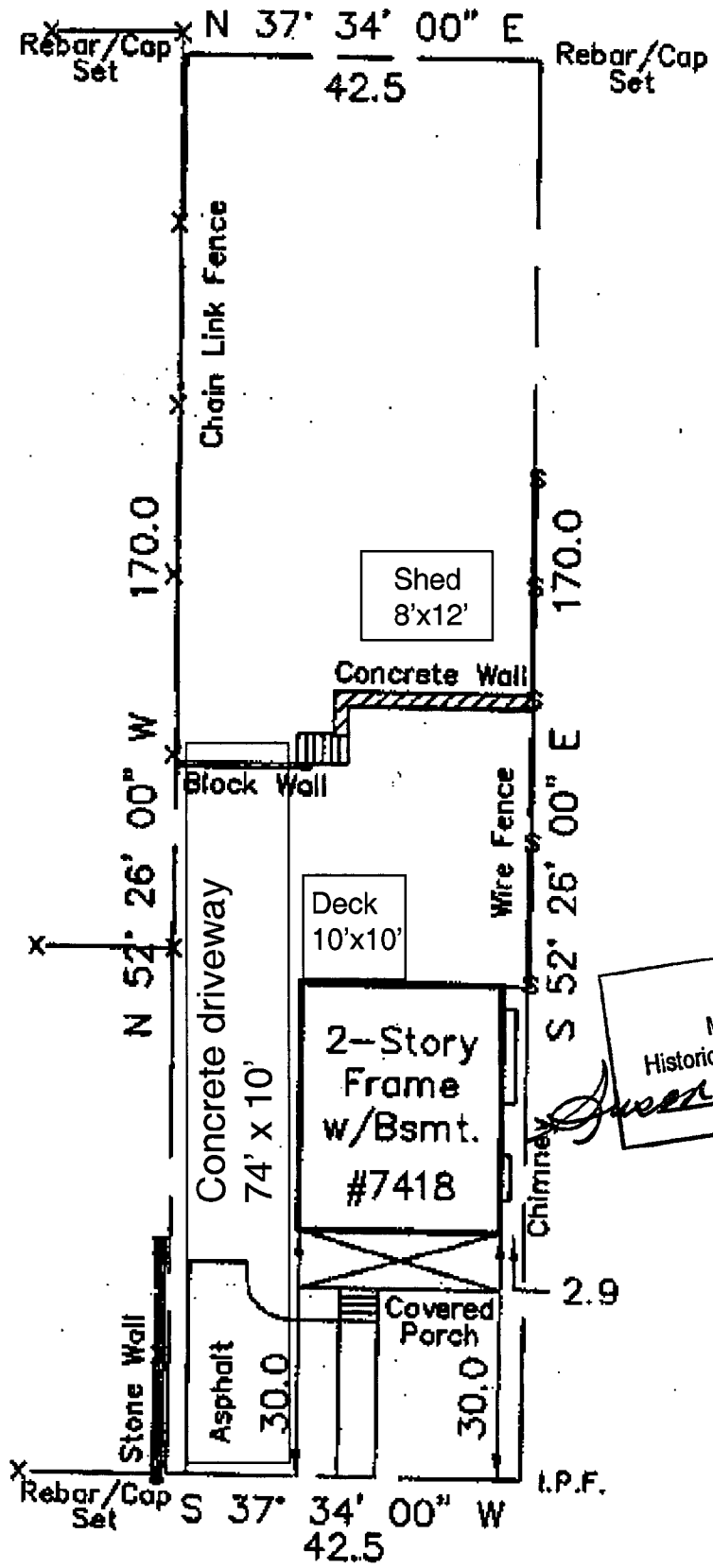
SHEDS USA

Delivered Built Guaranteed

COS Shed 2003 (Reg. 1,2,3,4,5,6,7,8,9,10,11,12,13)



IN FIVE EASY STEPS
your shed is **DELIVERED**
and **BUILT ON SITE,**
FREE OF CHARGE



APPROVED
 Montgomery County
 Historic Preservation Commission

Juan C. [Signature]

EJL
 12/15/03

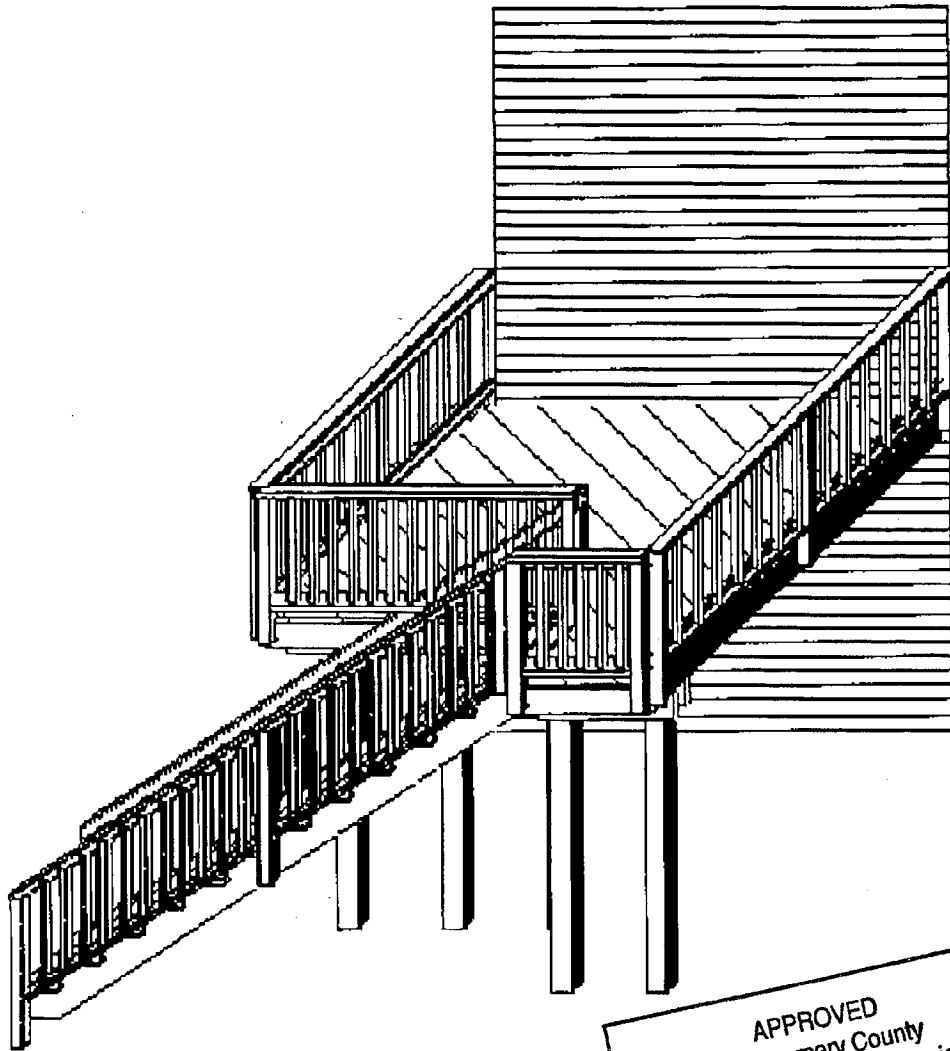
CARROLL AVENUE

NOV-10-2003 01:50PM FROM-PRO SALES HOME DEPOT 2575
The Home Depot # 2575
9051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
(410) 872-0688
Mon Nov 10 12:41:41 2003
The materials for this project will cost \$1162.87

4432850402

T-700 P.003/011 F-177

LINDA WELCH
PRO-10-10
87369
3D View



APPROVED
Montgomery County
Historic Preservation Commission
Linda Welch
EWL 12/15/03

The Home Depot # 2575
 9051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
 (410) 872-0688
 11/10/2003
 LINDA WELCH
 PRO-10-10
 87369

Materials for Deck:

Qty	UOM	SKU	Use	Description
113	EA	557285	Baluster	2X2-42IN. NO.1 SINGLE POINT BALUSTER
1	EA	368011	Beam	2X8-8FT. NO.2 PRIME PT SYP .40
1	EA	374474	Beam	2X8-16FT. NO.2 PRIME PT SYP .40
7	EA	365287	Decking	5/4X6X16 PREM. THOMPSON DECKING .40
4	EA	351792	Decking	5/4X6X10 PREM. THOMPSON DECKING .40
3	EA	326627	Decking	5/4X6X12 PREM. THOMPSON DECKING .40
12	EA	326626	Decking	5/4X6X8 PREM. THOMPSON DECKING .40
10	EA	184933	V Top Rail	2X4X8FT. NO.2 PRIME PT SYP .40
10	EA	326526	H Top Rail	5/4X6X8 PREM. THOMPSON DECKING .40
4	EA	374474	Joist	2X8-16FT. NO.2 PRIME PT SYP .40
7	EA	368090	Joist	2X8-10FT. NO.2 PRIME PT SYP .40
2	EA	368011	Joist	2X8-8FT. NO.2 PRIME PT SYP .40
1	EA	368090	Ledger	2X8-10FT. NO.2 PRIME PT SYP .40
5	EA	914002	Post	6X6X12 PT. 40 CCA Y/P NO. 2
8	EA	162825	Railing Post	4X4X8 PT. 40 CCA Y/P NO. 2
3	EA	169629	Stair Stringer	2X12-16FT. NO.2 PT SYP .40
8	EA	351792	Tread	5/4X6X10 PREM. THOMPSON DECKING .40
10	EA	184933	V Bottom Rail	2X4X8FT. NO.2 PRIME PT SYP .40
10	EA	184933	V Top Rail	2X4X8FT. NO.2 PRIME PT SYP .40
10	EA	864870	2x8 Joist Hanger	2X8 JOIST HANGER
1	EA	735002	BalusterScrewGreen	GREEN 5LB 2 1/2IN DECKMATE DECK SCRW
10	EA	544208	Beam Bolt 4x4	CARRIAGE BOLT-GALV. 1/2 X 8
10	EA	538892	Beam Nut	HEX NUT GALV 1/2
10	EA	538981	Beam Washer	FLAT CUT WASHER GALV 1/2
10	EA	533829	Concln-GroundFoot	80LB SAKRETE CONCRETE MIX
2	EA	735003	Deck Screws3inGreen	GREEN 5LB 3IN DECKMATE DECK SCRW
2	EA	174668	Flashing	1 5/8X1 5/8X8FT ALUM DECK FLASHING
1	PK	462810	Hanger Nails 2x8	10D JOIST HANGER NAILS
1	EA	192708	Joist Framing Nails	16D 3-1/2" HOT GALV COMMON 5 LB
8	EA	538981	Lag Bolt Washer	FLAT CUT WASHER GALV 1/2
8	EA	928607	Ledger-Bolt	LAG SCREW GALV 1/2 X 6
32	EA	544208	Rail Post-Bolt	CARRIAGE BOLT-GALV. 1/2 X 8
32	EA	538892	Rail Post-Nut	HEX NUT GALV 1/2
32	EA	538981	Rail Post-Washer	FLAT CUT WASHER GALV 1/2
1	EA	735002	Step Screw Green	GREEN 5LB 2 1/2IN DECKMATE DECK SCRW

The total cost of in stock materials is \$1162.87 plus tax.
 This estimate was created on 11/10/2003 and is valid for 3 business days.

Parameters from UBC.cod parameter file.
 Parameters used for Deck 1: 60 psf live load, 48 inch footing depth.

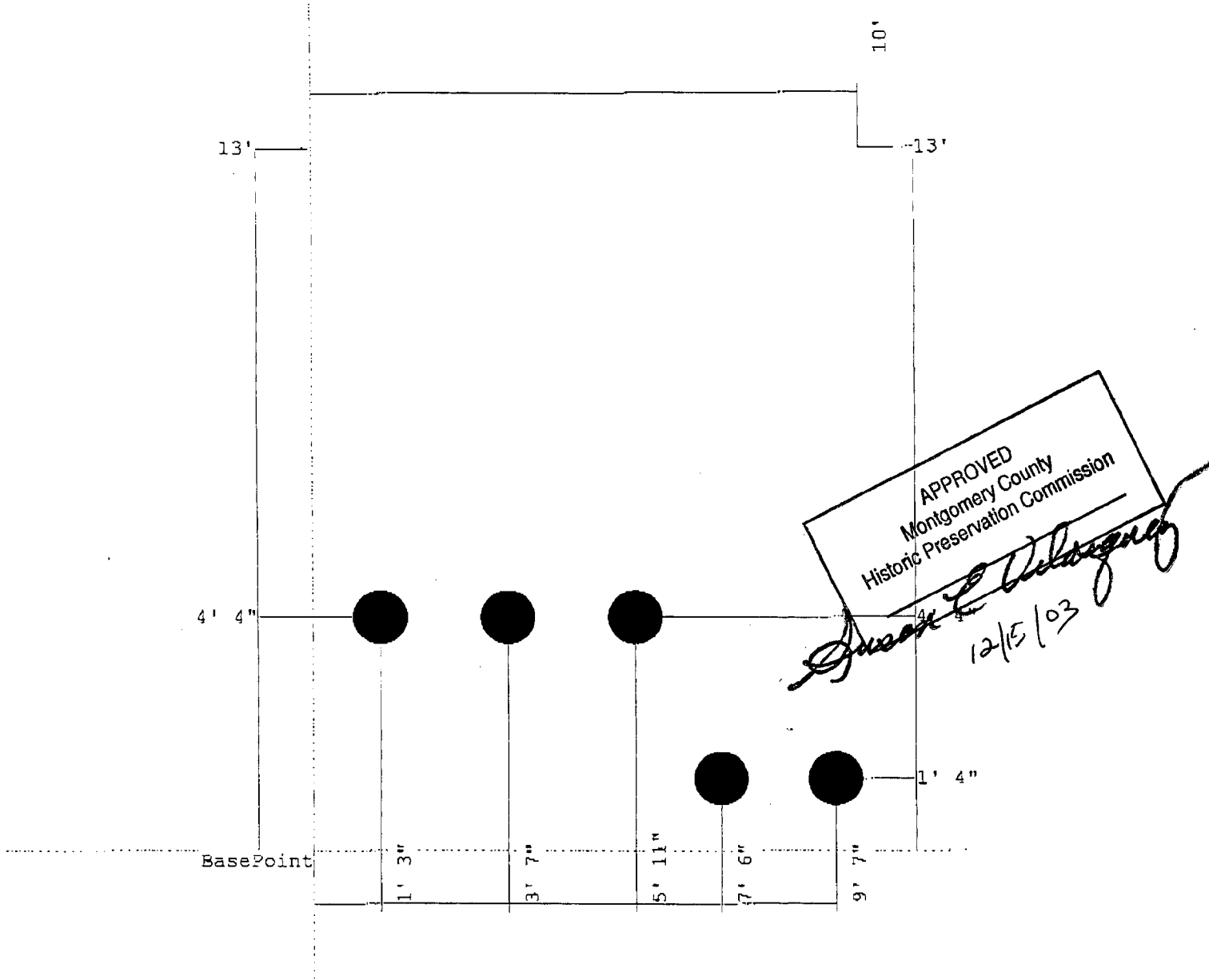
WARNING:
 THIS IS NOT A FINAL DESIGN PLAN. VARIATIONS IN BUILDING CODES, SPECIFIC ARCHITECTURAL CONSIDERATIONS, OR SITE CONDITIONS MAY REQUIRE CHANGES TO THIS DESIGN. YOU ARE RESPONSIBLE FOR THE FINAL STRUCTURE, CODE VERIFICATION, MATERIAL USAGE, AND STRUCTURAL SAFETY OF THIS DESIGN. BE SURE TO CHECK AND VERIFY THE DESIGN WITH YOUR LOCAL ARCHITECT AND BUILDING INSPECTOR.

NOV-10-2003 01:52PM FROM-PRO SALES HOME DEPOT 2575
THE HOME DEPOT 2575
9051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
(410) 872-0688
Mon Nov 10 12:41:41 2003
The materials for this project will cost \$1162.87

4432850402

T-700 P.006/011 F-177

LINDA WELCH
PRO-10-10
87369
Post Layout for Deck 1

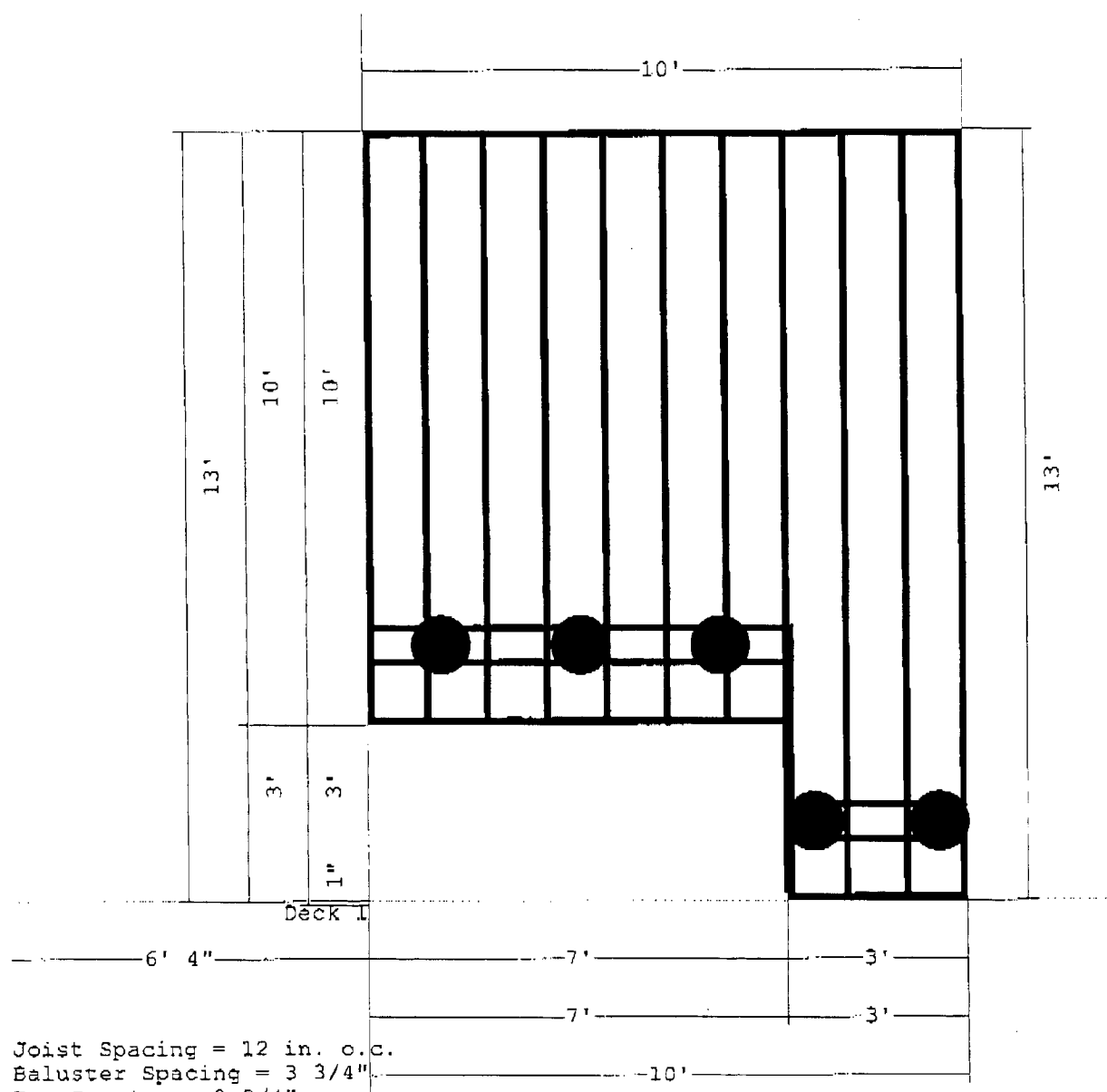


NOV-10-2003 01:52PM FROM-PRO SALES HOME DEPOT 2575
 The Home Depot # 2575
 9051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
 (410) 872-0688
 Mon Nov 10 12:41:41 2003
 The materials for this project will cost \$1162.87

4432850402

T-700 P.007/011 F-177

LINDA WELCH
 PRO-10-10
 87369
 Deck Dimensions for Deck 1



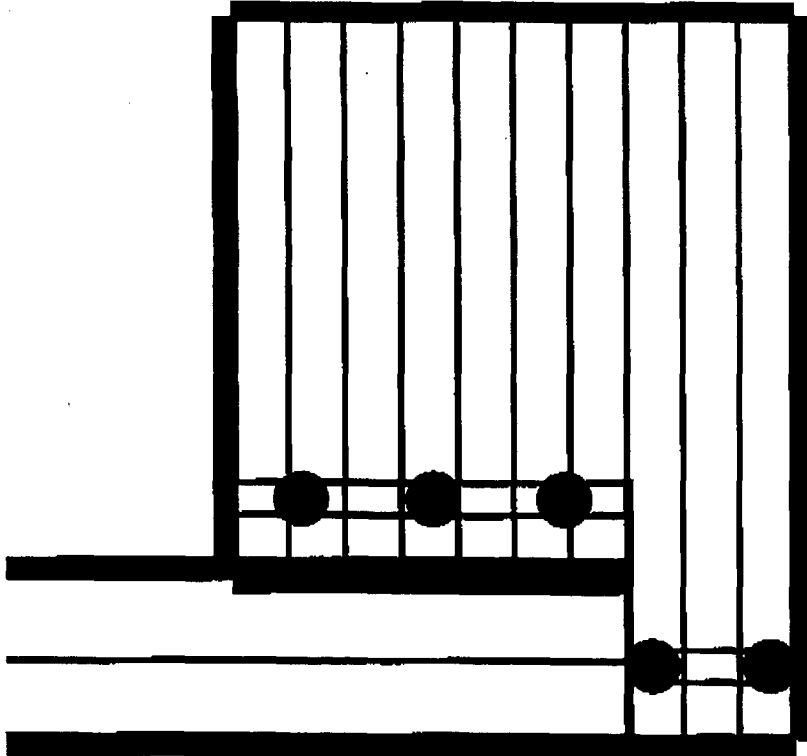
Joist Spacing = 12 in. o.c.
 Baluster Spacing = 3 3/4"
 Toe Spacing = 3 3/4"
 Railing Height = 36"

NOV-10-2003 01:52PM FROM-PRO SALES HOME DEPOT 2575
THE HOME DEPOT 2010
9051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
(410) 872-0688
Mon Nov 10 12:41:41 2003
The materials for this project will cost \$1162.87

4432850402

T-700 P.008/011 F-177

LINDA WELCH
PRO-10-10
87369
Deck Layout



The Home Depot # 2575
9051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
(410) 872-0688
Mon Nov 10 12:42:03 2003
LINDA WELCH
PRO-10-10
87369

Construction Specifications

deck 1:

Construction Method = Beam to Side of Post
Footing Type = In-Ground
Live Load = 60
Dead Load = 10
Decking Spacing = 0 1/8"
Joist Spacing = 12"
Beam Spacing = 132"
Post Spacing = 48"
Decking = 5/4X6 Thompsonized Prem. Southern Pine Standard
Beams = 2X8 .40 prime Southern Pine No. 2
Joists = 2X8 .40 prime Southern Pine No. 2
Posts = 6X6 .40 Treated Southern Pine No. 2
Deck Height = 92"
Diagonal Bracing = No
Deck Skirt = No
Joist Overhang = 12"
Beam Overhang = 12"
Decking Deflection Factor = 360
Joist Deflection Factor = 360
Beam Deflection Factor = 360
Pref Decking Size =
Pref Joist Size = 2x8
Pref Beam Size = 2x8
Pref Post Size = 6x6

Railing 1:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 2:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 3:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 4:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Stair 1:

Step Width = 36"
Step Height = 92"
Step Rise = 7 9/16"
Step Run = 11"
Stringers = 2X12 .40 Treated Southern Pine No. 2
Risers = 5/4X6 Treated Southern Pine Standard

Treads = 5/4X6 Thompsonized Prem. Southern Pine Standard

Railing 5:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 6:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

CONSUMER INFORMATION SHEET

THIS WOOD HAS BEEN PRESERVED BY PRESSURE TREATMENT WITH AN EPA-REGISTERED PESTICIDE CONTAINING CHROMATED COPPER ARSENATE (CCA) TO PROTECT IT FROM TERMITE ATTACK AND DECAY. WOOD TREATED WITH CCA SHOULD BE USED ONLY WHERE SUCH PROTECTION IS IMPORTANT.

CCA PENETRATES DEEPLY INTO AND REMAINS IN THE PRESSURE-TREATED WOOD FOR A LONG TIME. EXPOSURE TO CCA MAY PRESENT CERTAIN HAZARDS. THEREFORE, THE FOLLOWING PRECAUTIONS SHOULD BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

USE SITE PRECAUTION FOR CCA PRESSURE-TREATED WOOD

- * WOOD PRESSURE-TREATED WITH CCA PRESERVATIVES MAY BE USED INSIDE RESIDENCES AS LONG AS ALL SAWDUST AND CONSTRUCTION DEBRIS ARE CLEANED UP AND DISPOSED OF AFTER CONSTRUCTION.
- * DO NOT USE TREATED WOOD UNDER CIRCUMSTANCES WHERE THE PRESERVATIVE MAY BECOME A COMPONENT OF FOOD OR ANIMAL FEED. EXAMPLES OF SUCH SITES WOULD BE STRUCTURES OR CONTAINERS FOR STORING SILAGE OR FOOD.
- * DO NOT USE TREATED WOOD FOR CUTTING-BOARDS OR COUNTERTOPS.
- * ONLY TREATED WOOD THAT IS VISIBLY CLEAN AND FREE OF SURFACE RESIDUE SHOULD BE USED FOR PATIOS, DECKS AND WALKWAYS.
- * DO NOT USE TREATED WOOD FOR CONSTRUCTION OF THOSE PORTIONS OF BEEHIVES WHICH MAY COME INTO CONTACT WITH THE HONEY.
- * TREATED WOOD SHOULD NOT BE USED WHERE IT MAY COME INTO DIRECT OR INDIRECT CONTACT WITH PUBLIC DRINKING WATER, EXCEPT FOR USES INVOLVING INCIDENTAL CONTACT SUCH AS DOCKS AND BRIDGES.

HANDLING PRECAUTIONS FOR CCA PRESSURE-TREATED WOOD

- * DISPOSE OF TREATED WOOD BY ORDINARY TRASH COLLECTION OR BURIAL. TREATED WOOD SHOULD NOT BE BURNED IN OPEN FIRES OR IN 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) MAY BE BURNED ONLY IN COMMERCIAL OR INDUSTRIAL INCINERATORS OR BOILERS IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.
- * AVOID FREQUENT OR PROLONGED INHALATION OF SAWDUST FROM TREATED WOOD. WHEN SAWING 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.
- * WHEN POWER-SAWING AND MACHINING, WEAR GOGGLES TO PROTECT EYES FROM FLYING PARTICLES.* AFTER WORKING WITH THE WOOD, AND BEFORE EATING, DRINKING, AND THE USE OF TOBACCO PRODUCTS, WASH EXPOSED AREAS THOROUGHLY.
- * IF PRESERVATIVES OR SAWDUST ACCUMULATES ON CLOTHES, LAUNDRER BEFORE REUSE. WASH WORK CLOTHES SEPARATELY FROM OTHER HOUSEHOLD CLOTHING.
- * TREATED WOOD SHOULD BE DRY BEFORE HANDLING.

ADDITIONAL INFORMATION IS AVAILABLE AT WWW.EPA.GOV.

EPA APPROVED

HISTORIC PRESERVATION COMMISSION STAFF REPORT

II. K

Address:	7418 Carroll Avenue	Meeting Date:	12/03/03
Resource:	Contributing Resource Takoma Park Historic District	Report Date:	11/24/03
Review:	HAWP	Public Notice:	11/19/03
Case Number:	37/03-03ZZ	Tax Credit:	Partial
Applicant:	Linda and Frank Welch	Staff:	Joey Lampl

PROPOSAL: Add rear deck and detached rear shed; extend driveway with concrete.

RECOMMEND: Approval

BACKGROUND:

The applicants received approval from the Commission in July 2003 for changes to the rear elevation consisting of a new window and patio door. In October, 2003, the applicants received approval for an 8'x 12' shed. Upon delivery of the approved shed, the company refused to move the shed beyond the sidewalk, and since the shed was too large to be moved by the applicants themselves, they are now working with a new manufacturer. This second HAWP is for a similar shed to that approved. They are also adding in two other proposed work items.

PROJECT DESCRIPTION

SIGNIFICANCE: Contributing Resource
STYLE: Craftsman Bungalow
DATE: ca. 1920s

7418 Carroll Avenue is a one-and-a-half-story, Craftsman bungalow with dormers and distinctive front- and side-wall windows with decorative "Queen-Anne"-style glass. The building sits on a heavily traveled portion of Carroll Avenue, where houses exhibit a short setback, but long rear yards (42.5 feet wide by 170 feet deep). The applicants propose to:

1. Install an 8' x ¹²10' cedar-sided, asphalt-shingle-roof, detached shed manufactured by Costco. The shed is to be painted the same pale green as the house and will be located on a lower part of the lot behind a 5' concrete retaining wall. The shed will have an "extended peak" roofline (not the gambrel picture shown) that conceals a loft within the shed and will be accessed by a ramp.
2. Install a pressure-treated pine deck extending from the first-floor kitchen on the rear wall of the house. Deck area to be 10' x 10' and surrounded by 2"x 2" balusters. It will feature steps down to the ground, oriented parallel to the back wall of the house, since the first level of the house is actually eight feet off the ground at the rear, given the slope of the land. Deck to be manufactured by Home Depot.
2. Extend the existing 30'-long asphalt driveway an additional 74 feet in order to park cars. The extension of the driveway is to be made of concrete and will continue back to the area where the land slopes down a hill in the rear yard (the site of the former "block wall" on the surveyor's plat).

STAFF DISCUSSION:

The following guidelines pertain to this project: According to the *Approved and Adopted Amendment to the Master Plan for Historic Preservation in Montgomery County, Maryland: Takoma Park Historic District*:

1. Alterations to features that are not visible at all from the public right-of-way should be allowed as a matter of course.
2. All changes and additions should respect existing environmental setting, landscaping, and patterns of open space.

Staff believes that the houses along this section of Carroll Avenue have an urban feel in their front yards and a suburban, more picturesque quality to the rear. For that reason, staff feels that the long rear portion of the lot can accommodate the freestanding shed, especially because it will rest on ground that is lower in elevation than the house. As for the rear deck, this is the only house in the immediate vicinity on this side of the block that does not already have a rear deck. Partaking of the view from the rear makes sense for these houses. The Commission has already approved the alteration of the rear elevation with a three-part sliding patio door. Finally, the extension of the driveway with concrete, although reaching back to the more suburban area of the yard, still allows for ample greenery on the lot. A number of houses on this block have white concrete drives. Staff believes that these changes are minor and preserve the architectural character of the house.

STAFF RECOMMENDATION

Staff recommends that the Commission *approve* the HAWP application as being consistent with Chapter 24A-8(b) 2:

The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter

And the general condition that the applicant shall present the 3 permit sets of drawings to HPC staff for review and stamping prior to submission for permits, if applicable, and after issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant will arrange for a field inspection by calling the DPS Field Services Office at (240) 777-6210 or online at www.permits.emontgomery.org prior to commencement of work and not more than two weeks following completion of work.



Façade, 7418 Carroll Avenue



View of currently gravel drive to left of house



View of rear of lot taken from rear wall of house



View of site for shed showing depressed ground below 5-foot retaining wall in right foreground



View of rear elevation showing approved, new patio door



View of adjacent decks and steps at rear of houses to the immediate east



View of deck to the immediate west



RETURN TO: DEPARTMENT OF PERMITTING SERVICES
255 ROCKVILLE PIKE, 2ND FLOOR, ROCKVILLE, MD 20850
240/777-6370

DPS - #8

324535

HISTORIC PRESERVATION COMMISSION
301/563-3400

APPLICATION FOR HISTORIC AREA WORK PERMIT

Contact Person: Linda Welch
Daytime Phone No.: 240-228-6990

Tax Account No.:
Name of Property Owner: Walter & Linda Welch Daytime Phone No.: 240-228-6990
Address: 7418 Carroll Ave Takoma Park, MD 20912

Contractor: Phone No.:
Contractor Registration No.:
Agent for Owner: Daytime Phone No.:

LOCATION OF BUILDING/PREMISE

House Number: 7418 Street: Carroll Ave
Town/City: Takoma Park Nearest Cross Street: Boyd or Lincoln
Lot: Block: Subdivision:
Liber: Folio: Parcel:

PART ONE: TYPE OF PERMIT ACTION AND USE

1A. CHECK ALL APPLICABLE:
[checked] Construct [] Extend [] Alter/Renovate [] A/C [] Slab [] Room Addition [] Porch [] Deck [] Shed
[] Move [] Install [] Wreck/Raze [] Solar [] Fireplace [] Woodburning Stove [checked] Single Family
[] Revision [] Repair [] Revocable [] Fence/Wall (complete Section 4) [] Other:

1B. Construction cost estimate: \$
1C. If this is a revision of a previously approved active permit, see Permit #

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

2A. Type of sewage disposal: 01 [] WSSC 02 [] Septic 03 [] Other:
2B. Type of water supply: 01 [] WSSC 02 [] Well 03 [] Other:

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

3A. Height feet inches
3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:
[] On party line/property line [] Entirely on land of owner [] On public right of way/easement

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the construction will comply with plans approved by all agencies listed and I hereby acknowledge and accept this to be a condition for the issuance of this permit.

Signature of owner or authorized agent Date

Approved: For Chairperson, Historic Preservation Commission
Disapproved: Signature: Date:
Application/Permit No.: Date Filed: Date Issued:

SEE REVERSE SIDE FOR INSTRUCTIONS

THE FOLLOWING ITEMS MUST BE COMPLETED AND THE REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.

1. WRITTEN DESCRIPTION OF PROJECT

a. Description of existing structure(s) and environmental setting, including their historical features and significance:

I would like to erect a different shed from the one already approved. It will be painted the same green color as the house & the shingles will match the house. Location is now on the lower level. See plat. I want a deck on the 2nd level 10'x10'. I would like to have a concrete driveway extending from the original driveway further down the hill

b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district:

The original block wall has been covered by dirt and is now just a sloped hill.

2. SITE PLAN

Site and environmental setting, drawn to scale. You may use your plat. Your site plan must include:

- a. the scale, north arrow, and date;
- b. dimensions of all existing and proposed structures; and
- c. site features such as walkways, driveways, fences, ponds, streams, trash dumpsters, mechanical equipment, and landscaping.

3. PLANS AND ELEVATIONS

You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 8 1/2" x 11" paper are preferred.

- a. Schematic construction plans, with marked dimensions, indicating location, size and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- b. Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and fixtures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

4. MATERIALS SPECIFICATIONS

General description of materials and manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

5. PHOTOGRAPHS

- a. Clearly labeled photographic prints of each facade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.
- b. Clearly label photographic prints of the resource as viewed from the public right-of-way and of the adjoining properties. All labels should be placed on the front of photographs.

6. TREE SURVEY

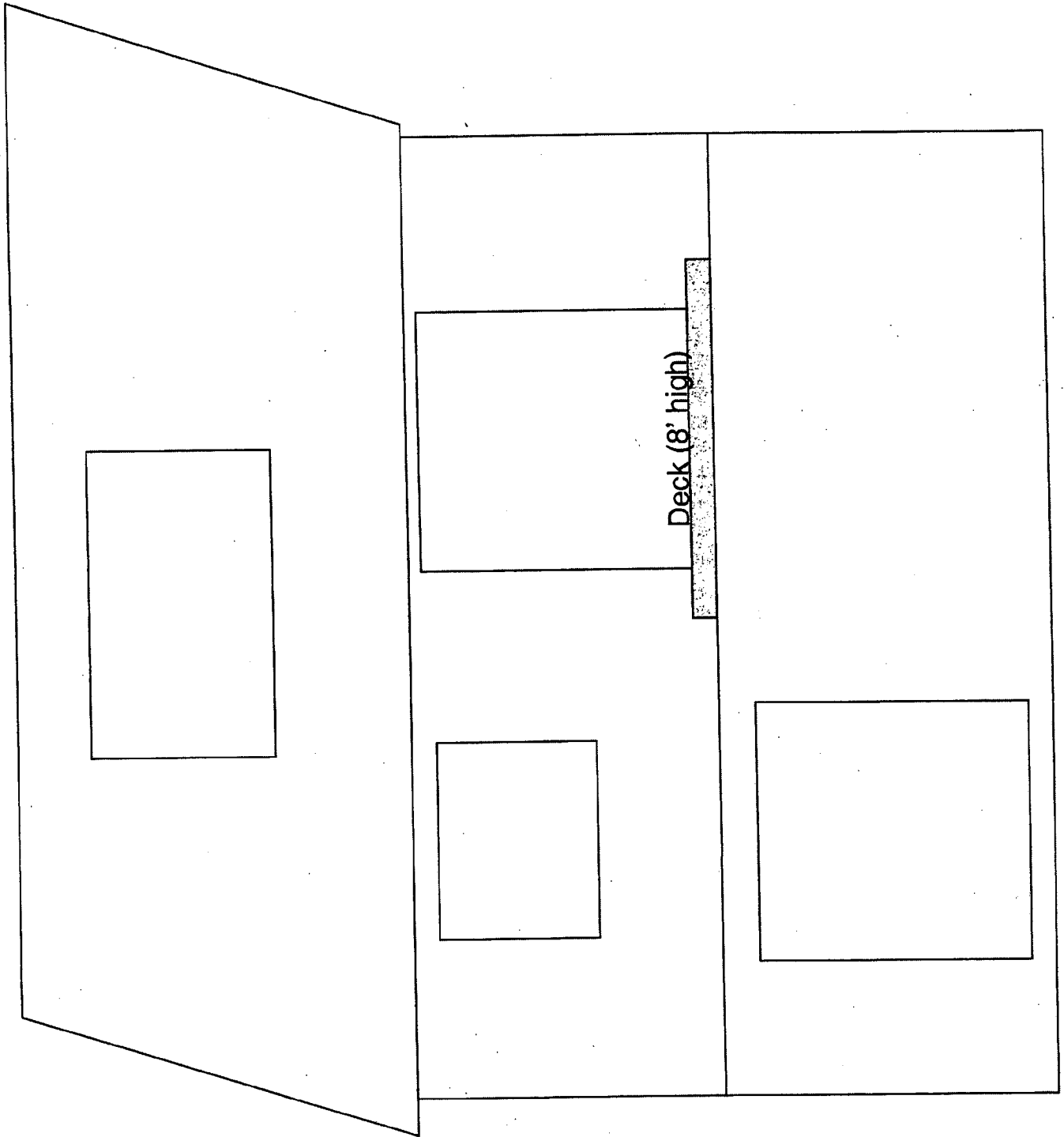
If you are proposing construction adjacent to or within the decline of any tree 6" or larger in diameter (at approximately 4 feet above the ground), you must file an accurate tree survey identifying the size, location, and species of each tree of at least that dimension.

7. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS

For ALL projects, provide an accurate list of adjacent and confronting property owners (not tenants), including names, addresses, and zip codes. This list should include the owners of all lots or parcels which adjoin the parcel in question, as well as the owner(s) of lot(s) or parcel(s) which lie directly across the street/highway from the parcel in question. You can obtain this information from the Department of Assessments and Taxation, 51 Monroe Street, Rockville, (301)279-1355).

PLEASE PRINT (IN BLUE OR BLACK INK) OR TYPE THIS INFORMATION ON THE FOLLOWING PAGE.
PLEASE STAY WITHIN THE GUIDES OF THE TEMPLATE, AS THIS WILL BE PHOTOCOPIED DIRECTLY ONTO MAILING LABELS.

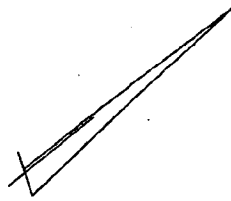
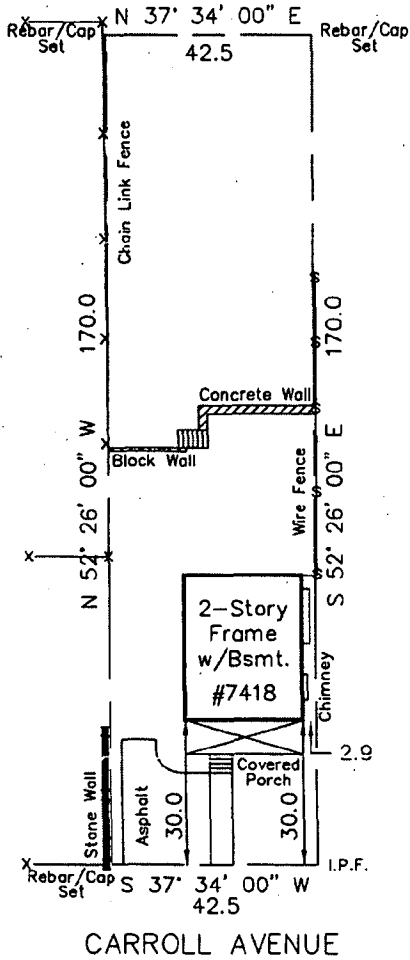
HAWP APPLICATION: MAILING ADDRESSES FOR NOTIFYING [Owner, Owner's Agent, Adjacent and Confronting Property Owners]	
Owner's mailing address 7418 Carroll Ave Takoma Park, MD 20912	Owner's Agent's mailing address
Adjacent and confronting Property Owners mailing addresses	
Hally Childs 7416 Carroll Ave	
Margaret Mauck 7420 Carroll Ave	
Mary Seghers 7421 Carroll Ave mailing address 9741 Mill Run Dr. Great Falls, VA 22066	



The plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or re-financing. The plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. The plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or securing financing or re-financing.

NOTES:

- (1) The lot shown hereon does not lie within the limits of the 100 year flood plain as shown on FIRM Panel No. 200
Date of Map: 8-5-91
Flood Zone: "C"
- (2) No property corners found or set unless otherwise noted.
- (3) The accuracy of this survey and the apparent setback distances is 0.1'



CARROLL AVENUE

**PLAT OF SURVEY
PROPERTY OF**

7418 CARROLL AVENUE, LLC AS PER
FINAL JUDGEMENT, CASE 226280
CIRCUIT COURT FOR
MONTGOMERY COUNTY, MARYLAND
AND AS DESCRIBED IN
LIBER 1044 FOLIO 107
ALSO KNOWN AS
PART OF SECTION 9 OF
GENERAL S.S. CARROLL'S
ADDITION TO TAKOMA PARK

SURVEYOR'S CERTIFICATE

I hereby certify that the property delineated hereon is in accordance with the plat of subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures, if any. This plat is NOT FOR DETERMINING PROPERTY LINES OR FOR CONSTRUCTION OF IMPROVEMENTS, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this plat.

Michael J. Bazis

Michael J. Bazis RPLS #10956


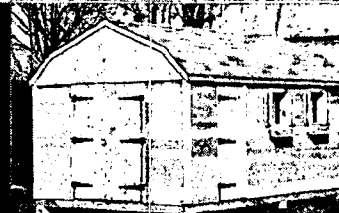
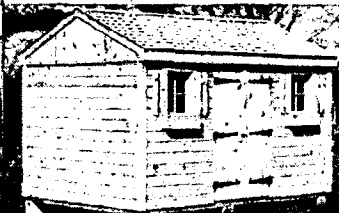
JOB # 03.0397B	DATE 7-23-03
FIELD JT/KS	DRAFT OAB
	P.B. P #
	SCALE: 1" = 30'

R.C. KELLY & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS

10801 LOCKWOOD DRIVE, SUITE 190
SILVER SPRING, MARYLAND 20901
(301)593-8005 FAX (301)681-7216
E-MAIL: survey@rckelly.com

Customize your shed...

To order, simply fill out an order form and bring to any Costco cashier or call us toll free at 866.616.2688

VINYL	CEDAR	PINE
<ul style="list-style-type: none"> • 100% maintenance free • Variety of colors available • Practical • Long-term durability • Preferred choice 	<ul style="list-style-type: none"> • Pleasant aroma naturally repels insects and resists rotting • Ages beautifully • Excellent base for stain and paint • Very stable—resists warping and buckling 	<ul style="list-style-type: none"> • Most popular material • Withstands all types of weather • Classic tongue-and-groove construction • Affordable priced
<p>Vinyl Colors</p> <p>white</p> <p>cream</p> <p>clay</p> <p>tan</p> <p>gray</p>		
8x12 size shed shown, ext. peak roof	10x16 shed size shown, gambrel roof	8x12 shed size shown, peak roof
		

SIZES

Size	Vinyl Price	Vinyl Item#	Cedar Price	Cedar Item#	Pine Price	Pine Item#
6x6	\$ 1,349.99	ITEM# 450749	\$ 1,249.99	ITEM# 384626	\$ 1,149.99	ITEM# 384608
6x8	\$ 1,429.99	ITEM# 450755	\$ 1,399.99	ITEM# 384627	\$ 1,199.99	ITEM# 384618
8x8	\$ 1,529.99	ITEM# 450756	\$ 1,499.99	ITEM# 64229	\$ 1,299.99	ITEM# 10209
8x10	\$ 1,699.99	ITEM# 450757	\$ 1,669.99	ITEM# 64236	\$ 1,499.99	ITEM# 10211
8x12	\$ 1,999.99	ITEM# 450758	\$ 1,979.99	ITEM# 64245	\$ 1,699.99	ITEM# 10222
8x14	\$ 2,299.99	ITEM# 450759	\$ 2,199.99	ITEM# 64247	\$ 1,999.99	ITEM# 10269
8x16	\$ 2,549.99	ITEM# 450766	\$ 2,499.99	ITEM# 64256	\$ 2,299.99	ITEM# 10300
10x10	\$ 2,059.99	ITEM# 450767	\$ 1,999.99	ITEM# 64277	\$ 1,799.99	ITEM# 10307
10x12	\$ 2,399.99	ITEM# 450768	\$ 2,379.99	ITEM# 64288	\$ 2,249.99	ITEM# 10359
10x14	\$ 2,789.99	ITEM# 450777	\$ 2,699.99	ITEM# 64306	\$ 2,489.99	ITEM# 10366
10x16	\$ 2,999.99	ITEM# 450778	\$ 2,979.99	ITEM# 64308	\$ 2,689.99	ITEM# 10404
12x16	\$ 3,399.99	ITEM# 450779	\$ 3,349.99	ITEM# 384689	\$ 2,999.99	ITEM# 384624
12x20	\$ 4,099.99	ITEM# 451027	\$ 3,999.99	ITEM# 384703	\$ 3,699.99	ITEM# 384625

Standard Program, your choice of...

- Door & Window Layouts (Positioning)
- Shingle Color (Black, white/gray, brown)
- Options & Upgrades (Window Screens, Ramps, Door Enlargements, and more)
- Roof Style (Gambrel, Peak, Extended Peak)
- Several Siding Options (See above chart for samples)

Note: Options and upgrades are an additional cost to the standard pricing.

DELIVERED and BUILT ON SITE, **FREE OF CHARGE**

10 YEAR WARRANTY

Options & Upgrades

Note: Options and upgrades are an additional cost to the standard pricing.

Floor Upgrades

Floor upgrades for 6ft. & 8ft. wide sheds (upgrade includes pressure-treated 2" x 6" floor joists and pressure-treated 5/8" plywood)

Floor upgrades for 10ft. & 12ft. wide sheds (upgrade includes pressure-treated 5/8" plywood only. Pressure-treated 2" x 6" floor joists are standard on 10ft. & 12ft. wide sheds)

Size	Price	Item #	Size	Price	Item #
6x6	\$ 72.99	388016	10x10	\$115.99	388158
6x8	\$ 97.99	388048	10x12	\$138.99	388211
8x8	\$129.99	338203	10x14	\$161.99	338212
8x10	\$161.99	338206	10x16	\$185.99	338213
8x12	\$194.99	338207	12x16	\$221.99	388049
8x14	\$228.99	338208	12x20	\$277.99	388055
8x16	\$259.99	338209			

Floor Upgrades (cont.)

Item	Price	Item#
4x4 PT Runners" (6x6, 6x8, 8x8, 8x10, 8x12, 10x10, 10x12)	\$ 34.99	131059
4x4 PT Runners" (8x14, 8x16, 10x14, 10x16, 12x16, 12x20)	\$ 58.99	131066

Door Upgrades

Note: All sheds come standard with a 40" double door and either one or two windows depending on shed size. (6x6 size sheds come standard with 26" single door).

Item	Price	Item#
Exchange standard 26" single door for 40" double door	\$ 49.99	451167
Exchange standard 40" double door for 54"	\$ 59.99	451168
Exchange standard 40" double door for 66"	\$ 89.99	451177
Exchange standard 40" double door for 78"	\$ 119.99	451178

Other Options

Item	Price	Item#
Pressure treated ramp	\$ 49.99	131039
Additional 26" single door	\$ 84.99	451179
Additional 40" double door	\$ 129.99	451184
Additional 54" double door	\$ 149.99	451199
Additional 66" double door	\$ 174.99	451200
Additional 78" double door	\$ 194.99	451202
Additional standard window (includes flower box and shutters)	\$ 68.99	451203
VINYL SHED ONLY - functional window upgrade (each) (standard vinyl shed window does not open—functional window opens)	\$ 48.99	451205
Window screen (each)	\$ 14.99	131028
Aluminum gable vents (pair)	\$ 29.99	131028
Shelf	\$ 44.99	388058
4' storage loft for 8' wide sheds	\$ 64.99	338200
4' storage loft for 10' wide sheds	\$ 79.99	338202
4' storage loft for 12' wide sheds (loft storage space will vary with roof style)	\$ 94.99	388269
Anchor kit" (Anchors and hurricane clips)	\$ 120.00	131058

Note: Shed sizes are approximate. Exact measurements for placement of door(s) and window(s) will not be honored.

Standard Sizes, Pricing and Siding Options

Ltr
4.00

COMPACT DECK WITH STEPS

A number of stylish accents add interest to this rectangular deck: The radius-edge decking gives the deck surface a decorative touch, and the chamfer on the rail and the 45° angled cuts on the balusters complete the finished look.

TO ADAPT THIS PLAN

You can build this deck to accommodate a slope by adjusting the height of the posts as required. You may also need to lengthen or shorten the stairway.

BUILDING NOTES

Be sure to cut the posts long enough to extend the required height above the surface of the decking for the railing. Notch the decking to fit around the posts, and add cleats to the sides of the posts, to support the decking. Use scrap pieces of 2x8 lumber for the cleats.

A 2x10 fascia is fastened to the outside of the stair stringers, so that the notches are not visible. Face-nail the fascia to the stringers after the treads are in place but before you attach the railing balusters. You'll also need to notch the bottom tread to fit around the post—support the notched board with a 2x4 cleat nailed to the post—and add a spacer to fill the gap between the rail and the post at the bottom of the steps.

MATERIALS LIST

Designed for pressure-treated lumber, choose lumber rated for ground contact for members in or close to the ground, and lumber rated for aboveground use for the rest of the deck.

Lumber

Posts/beams	4x4 posts, 2x8 beams
Joists/ledger	2x8 joists, 2x10 ledger
Decking	1/2" (actual size 15) x6 (radius edge)
Fascia	2x10
Stairs	2x6 ledger, rail; 2x12 stringers; 1/4" x6 treads (radius edge); 2x10 fascia; 2x2 balusters
Railings	2x6 top rail; 2x2 balusters

Masonry

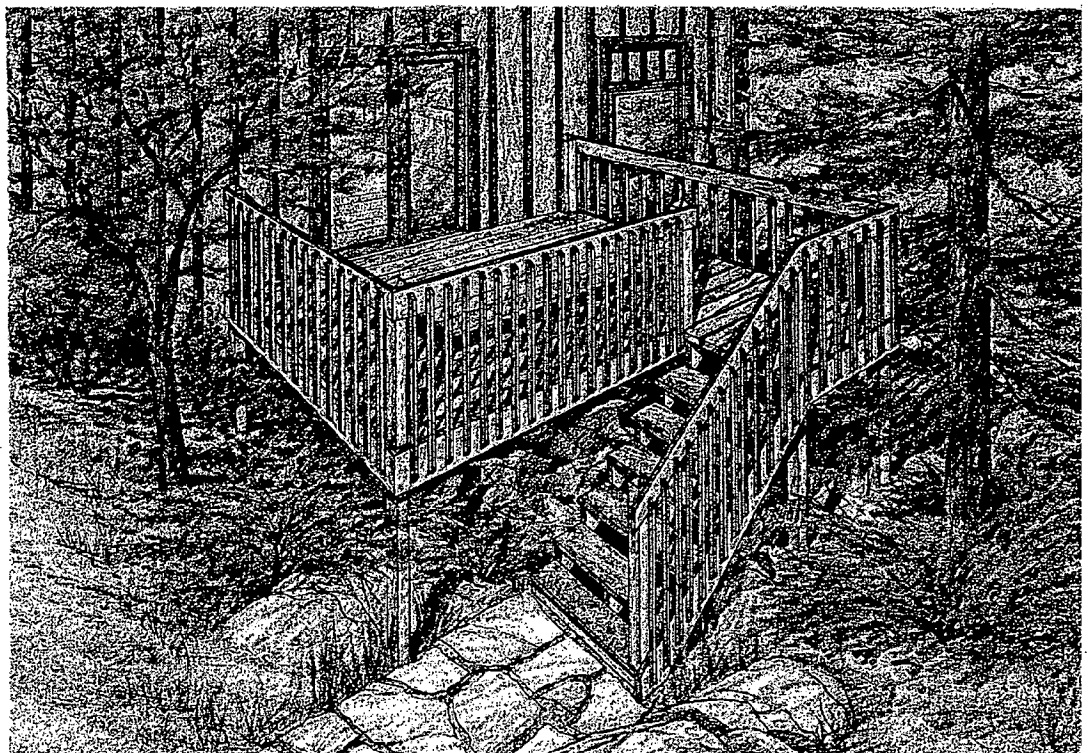
Concrete	10" square footings
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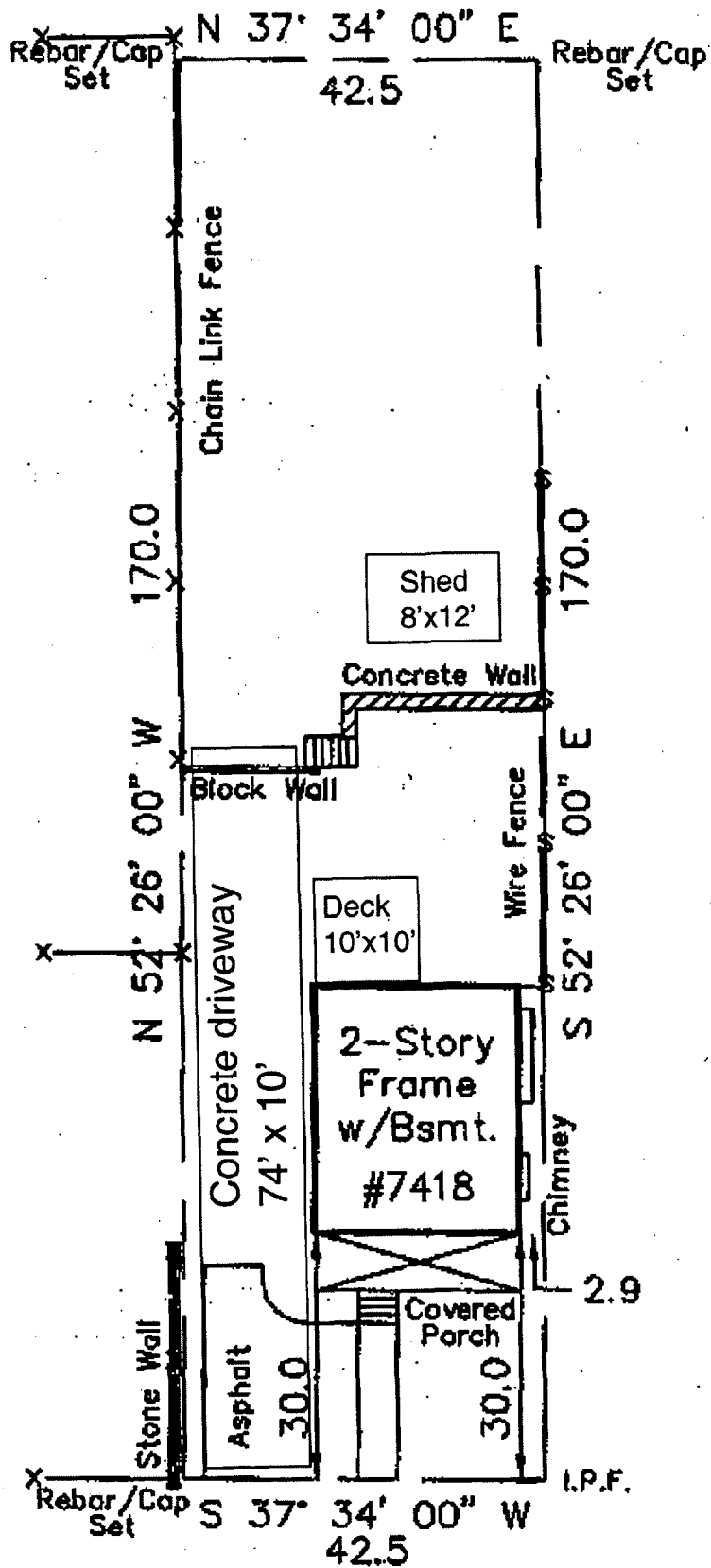
Hardware

Nails	3 1/4" for framing; 3" for fascia, bridging, cleats, balusters; 2 1/2" for decking; nails for framing connectors
Screws	1/2" x6 lag screws for ledger; 1/4" x4 lag screws for rails
Bolts	1/2" x6 for deck beams to posts; 1/2" x8 for stair platform beams to post
Connectors	joist hangers
Finishes	Water-repellent sealer

This deck has certain design features that make it stand apart from other basic decks: The platform at the top of the stairs means that the stairs take no space away from the main surface area of the deck, and the posts supporting the deck also serve as railing posts.

PLAN REPRINTED COURTESY
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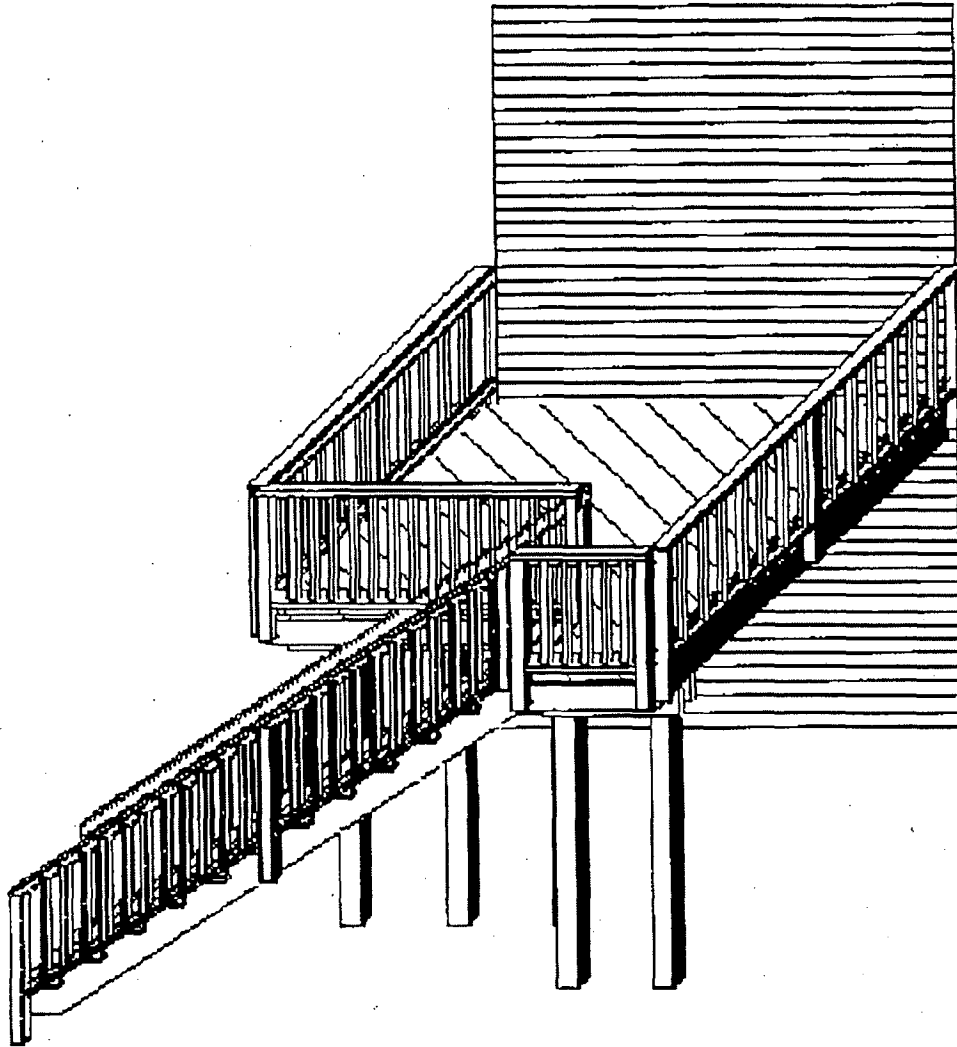
CARROLL AVENUE

NOV-10-2003 01:50PM FROM-PRO SALES HOME DEPOT 2575
The Home Depot # 2010
1051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
410) 872-0688
Mon Nov 10 12:41:41 2003
The materials for this project will cost \$1162.87

4432850402

T-700 P.003/011 F-177

LINDA WELCH
PRO-10-10
37369
3D View



The Home Depot # 2575
 9051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
 (410) 872-0688
 11/10/2003
 LINDA WELCH
 PRO-10-10
 87369

Materials for Deck:

Qty	UOM	SKU	Use	Description
113	EA	557285	Baluster	2X2-42IN. NO.1 SINGLE POINT BALUSTER
1	EA	368011	Beam	2X8-8FT. NO.2 PRIME PT SYP .40
1	EA	374474	Beam	2X8-16FT. NO.2 PRIME PT SYP .40
7	EA	365287	Decking	5/4X6X16 PREM. THOMPSON DECKING .40
4	EA	351792	Decking	5/4X6X10 PREM. THOMPSON DECKING .40
3	EA	326627	Decking	5/4X6X12 PREM. THOMPSON DECKING .40
12	EA	326626	Decking	5/4X6X8 PREM. THOMPSON DECKING .40
10	EA	184933	V Top Rail	2X4X8FT. NO.2 PRIME PT SYP .40
10	EA	326626	H Top Rail	5/4X6X8 PREM. THOMPSON DECKING .40
4	EA	374474	Joist	2X8-16FT. NO.2 PRIME PT SYP .40
7	EA	368090	Joist	2X8-10FT. NO.2 PRIME PT SYP .40
2	EA	368011	Joist	2X8-8FT. NO.2 PRIME PT SYP .40
1	EA	368090	Ledger	2X8-10FT. NO.2 PRIME PT SYP .40
5	EA	914002	Post	6X6X12 PT .40 CCA Y/P NO. 2
8	EA	162825	Railing Post	4X4X8 PT .40 CCA Y/P NO. 2
3	EA	169629	Stair Stringer	2X12-16FT. NO.2 PT SYP .40
8	EA	351792	Tread	5/4X6X10 PREM. THOMPSON DECKING .40
10	EA	184933	V Bottom Rail	2X4X8FT. NO.2 PRIME PT SYP .40
10	EA	184933	V Top Rail	2X4X8FT. NO.2 PRIME PT SYP .40
10	EA	864870	2x8 Joist Hanger	2X8 JOIST HANGER
1	EA	735002	BalusterScrewGreen	GREEN 5LB 2 1/2IN DECKMATE DECK SCRW
10	EA	544208	Beam Bolt 4x4	CARRIAGE BOLT-GALV. 1/2 X 8
10	EA	538892	Beam Nut	HEX NUT GALV 1/2
10	EA	538981	Beam Washer	FLAT CUT WASHER GALV 1/2
10	EA	533829	Concln-GroundFoot	80LB SAKRETE CONCRETE MIX
2	EA	735003	Deck Screws3inGreen	GREEN 5LB 3IN DECKMATE DECK SCRW
2	EA	174668	Flashing	1 5/8X1 5/8X8FT ALUM DECK FLASHING
1	PK	462810	Hanger Nails 2x8	10D JOIST HANGER NAILS
1	EA	192708	Joist Framing Nails	16D 3-1/2" HOT GALV COMMON 5 LB
8	EA	538981	Lag Bolt Washer	FLAT CUT WASHER GALV 1/2
8	EA	928607	Ledger-Bolt	LAG SCREW GALV 1/2 X 6
32	EA	544208	Rail Post-Bolt	CARRIAGE BOLT-GALV. 1/2 X 8
32	EA	538892	Rail Post-Nut	HEX NUT GALV 1/2
32	EA	538981	Rail Post-Washer	FLAT CUT WASHER GALV 1/2
1	EA	735002	Step Screw Green	GREEN 5LB 2 1/2IN DECKMATE DECK SCRW

The total cost of in stock materials is \$1162.87 plus tax.
 This estimate was created on 11/10/2003 and is valid for 3 business days.

Parameters from UBC.cod parameter file.
 Parameters used for Deck 1: 60 psf live load, 48 inch footing depth.

WARNING:

THIS IS NOT 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 STRUCTURE, CODE VERIFICATION, MATERIAL USAGE, AND STRUCTURAL SAFETY OF THIS DESIGN. BE SURE TO CHECK AND VERIFY THE DESIGN WITH YOUR LOCAL ARCHITECT AND BUILDING INSPECTOR.

THE HOME DEPOT 2075
1051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
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Mon Nov 10 12:41:41 2003

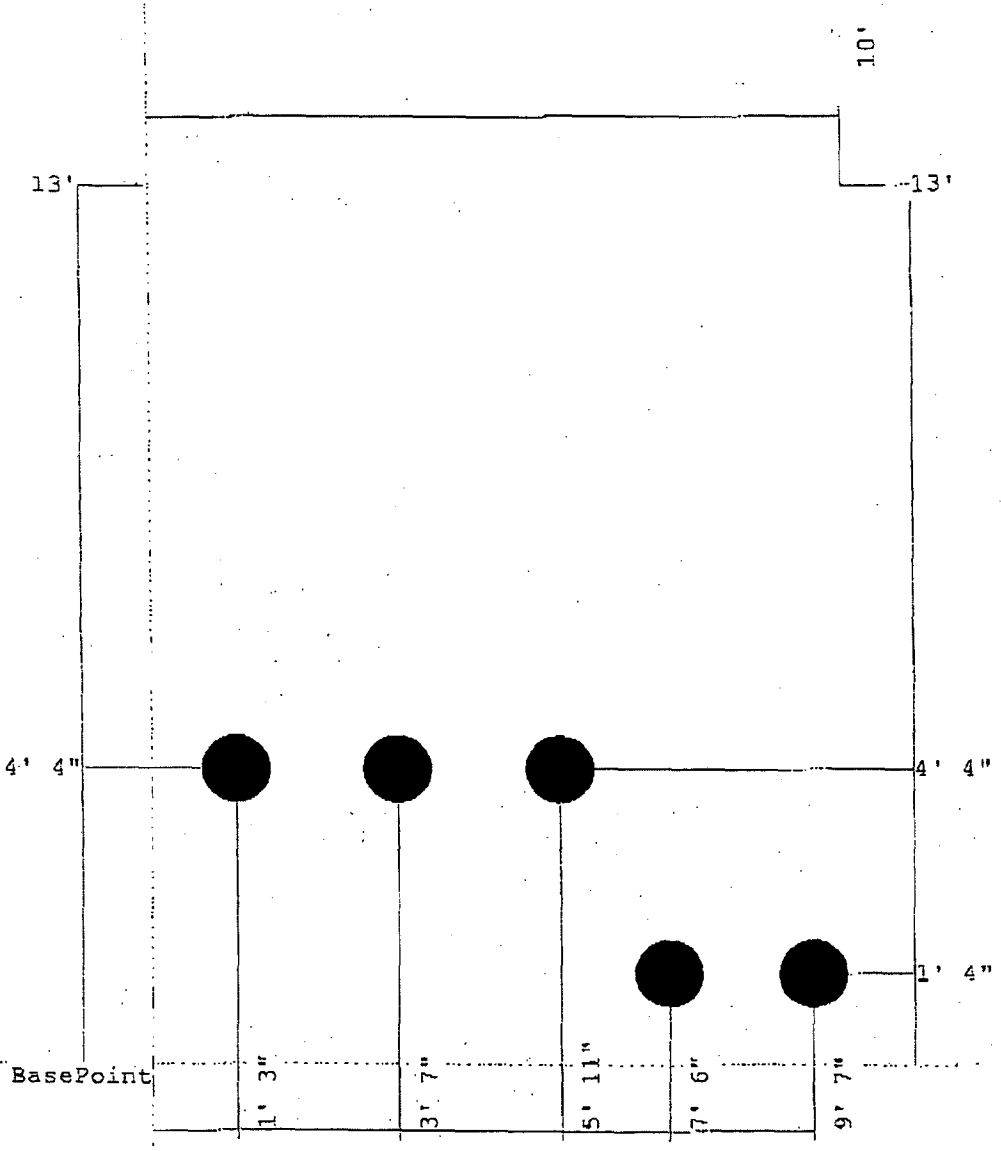
The materials for this project will cost \$1162.87

LINDA WELCH

PRO-10-10

37369

Post Layout for Deck 1

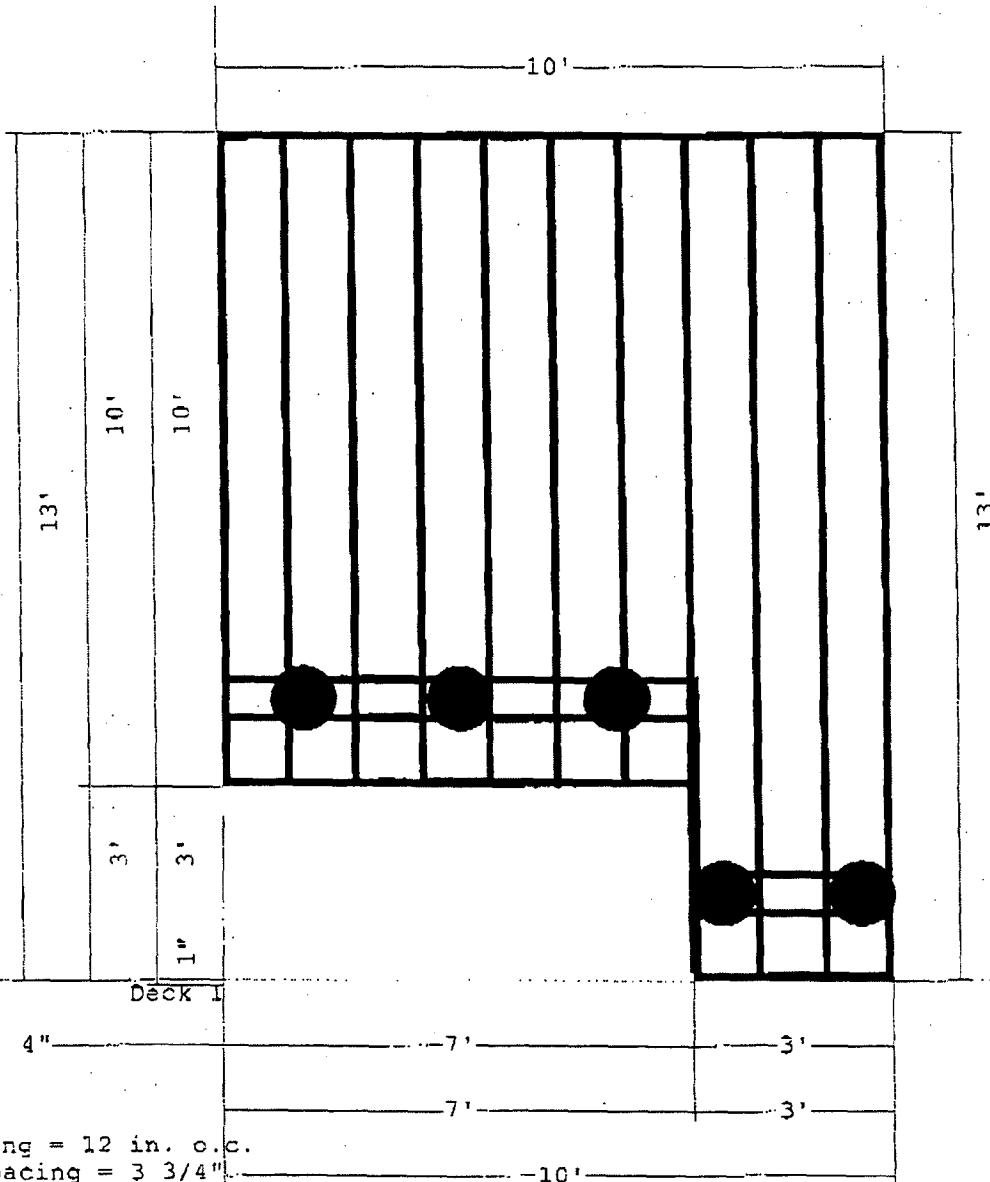


NOV-10-2003 01:52PM FROM-PRO SALES HOME DEPOT 2575
THE HOME DEPOT # 2970
051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
410) 872-0688
Mon Nov 10 12:41:41 2003
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T-700 P.007/011 F-177

JINDA WELCH
PRO-10-10
37369
Deck Dimensions for Deck 1



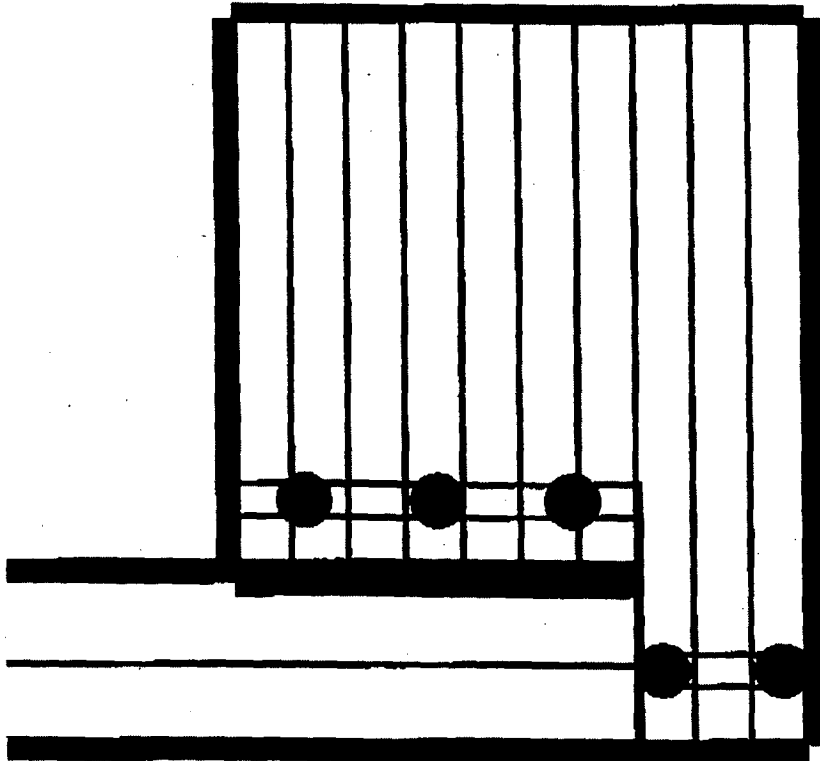
Joist Spacing = 12 in. o.c.
Baluster Spacing = 3 3/4"
Toe Spacing = 3 3/4"
Railing Height = 36"

NOV-10-2003 01:52PM FROM-PRO SALES HOME DEPOT 2575
151 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
10) 872-0688
on Nov 10 12:41:41 2003
The materials for this project will cost \$1162.87

4432850402

T-700 P.008/011 F-177

INDA WELCH
RO-10-10
7369
Deck Layout



The Home Depot # 2575
9051 SNOWDEN RIVER PKWY, COLUMBIA, MD 21046
(410) 872-0688
Mon Nov 10 12:42:03 2003
LINDA WELCH
PRO-10-10
87369

Construction Specifications

deck 1:

Construction Method = Beam to Side of Post
Footing Type = In-Ground
Live Load = 60
Dead Load = 10
Decking Spacing = 0 1/8"
Joist Spacing = 12"
Beam Spacing = 132"
Post Spacing = 48"
Decking = 5/4X6 Thompsonized Prem. Southern Pine Standard
Beams = 2X8 .40 prime Southern Pine No. 2
Joists = 2X8 .40 prime Southern Pine No. 2
Posts = 6X6 .40 Treated Southern Pine No. 2
Deck Height = 92"
Diagonal Bracing = No
Deck Skirt = No
Joist Overhang = 12"
Beam Overhang = 12"
Decking Deflection Factor = 360
Joist Deflection Factor = 360
Beam Deflection Factor = 360
Pref Decking Size =
Pref Joist Size = 2x8
Pref Beam Size = 2x8
Pref Post Size = 6x6

Railing 1:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 2:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 3:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 4:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Stair 1:

Step Width = 36"
Step Height = 92"
Step Rise = 7 9/16"
Step Run = 11"
Stringers = 2X12 .40 Treated Southern Pine No. 2
Risers = 5/4X6 Treated Southern Pine Standard

Treads = 5/4X6 Thompsonized Prem. Southern Pine Standard

Railing 5:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

Railing 6:

Railing Height = 36"
Baluster Spacing = 3 3/4"
Toe Space = 3 3/4"

CONSUMER INFORMATION SHEET

THIS WOOD HAS BEEN PRESERVED BY PRESSURE TREATMENT WITH AN EPA-REGISTERED PESTICIDE CONTAINING CHROMATED COPPER ARSENATE (CCA) TO PROTECT IT FROM TERMITE ATTACK AND DECAY. WOOD TREATED WITH CCA SHOULD BE USED ONLY WHERE SUCH PROTECTION IS IMPORTANT.

CCA PENETRATES DEEPLY INTO AND REMAINS IN THE PRESSURE-TREATED WOOD FOR A LONG TIME. EXPOSURE TO CCA MAY PRESENT CERTAIN HAZARDS. THEREFORE, THE FOLLOWING PRECAUTIONS SHOULD BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

USE SITE PRECAUTION FOR CCA PRESSURE-TREATED WOOD

- * WOOD PRESSURE-TREATED WITH CCA PRESERVATIVES MAY BE USED INSIDE RESIDENCES AS LONG AS ALL SAWDUST AND CONSTRUCTION DEBRIS ARE CLEANED UP AND DISPOSED OF AFTER CONSTRUCTION.
- * DO NOT USE TREATED WOOD UNDER CIRCUMSTANCES WHERE THE PRESERVATIVE MAY BECOME A COMPONENT OF FOOD OR ANIMAL FEED. EXAMPLES OF SUCH SITES WOULD BE STRUCTURES OR CONTAINERS FOR STORING SILAGE OR FOOD.
- * DO NOT USE TREATED WOOD FOR CUTTING-BOARDS OR COUNTERTOPS.
- * ONLY TREATED WOOD THAT IS VISIBLY CLEAN AND FREE OF SURFACE RESIDUE SHOULD BE USED FOR PATIOS, DECKS AND WALKWAYS.
- * DO NOT USE TREATED WOOD FOR CONSTRUCTION OF THOSE PORTIONS OF BEEHIVES WHICH MAY COME INTO CONTACT WITH THE HONEY.
- * TREATED WOOD SHOULD NOT BE USED WHERE IT MAY COME INTO DIRECT OR INDIRECT CONTACT WITH PUBLIC DRINKING WATER, EXCEPT FOR USES INVOLVING INCIDENTAL CONTACT SUCH AS DOCKS AND BRIDGES.

HANDLING PRECAUTIONS FOR CCA PRESSURE-TREATED WOOD

- * DISPOSE OF TREATED WOOD BY ORDINARY TRASH COLLECTION OR BURIAL. TREATED WOOD SHOULD NOT BE BURNED IN OPEN FIRES OR IN 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) MAY BE BURNED ONLY IN COMMERCIAL OR INDUSTRIAL INCINERATORS OR BOILERS IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.
- * AVOID FREQUENT OR PROLONGED INHALATION OF SAWDUST FROM TREATED WOOD. WHEN SAWING 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.
- * WHEN POWER-SAWING AND MACHINING, WEAR GOGGLES TO PROTECT EYES FROM FLYING PARTICLES.* AFTER WORKING WITH THE WOOD, AND BEFORE EATING, DRINKING, AND THE USE OF TOBACCO PRODUCTS, WASH EXPOSED AREAS THOROUGHLY.
- * IF PRESERVATIVES OR SAWDUST ACCUMULATES ON CLOTHES, LAUNDRER BEFORE REUSE. WASH WORK CLOTHES SEPARATELY FROM OTHER HOUSEHOLD CLOTHING.
- * TREATED WOOD SHOULD BE DRY BEFORE HANDLING.

ADDITIONAL INFORMATION IS AVAILABLE AT WWW.EPA.GOV.

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