

THE CITY OF NAPOLEON
BUILDING & ZONING DEPARTMENT

255 W. RIVERVIEW

(419)592-4010

Building Permit

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Permit Number: BP2005-142

Printed: 9/7/2005

Property Address: 809 Lumbar St.

Applicant Daniel & Kimberly Bischoff
Address: 809 Lumbar St
Napoleon, OH 43545

Approval Date: 9/7/2005

Phone: 419-599-1012

Owners

Name: Mr. Daniel & Kimberly Bischoff
Address: 809 Lumbar St

Phone: 419-599-1012

Contractors

Fees and Receipts:

Number	Description	Amount
FEE2005-695	Building Permit Fee (Auto)	\$14.00
Total Fees:		\$14.00

Description

Structure Use:

Start Date:

Construction Value: \$2,500.00

End Date:

Floor Areas

Living Space:

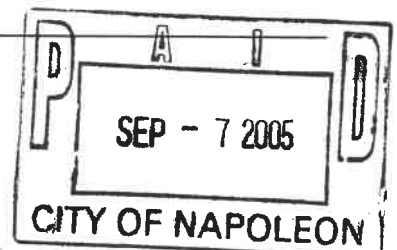
Other:

Basement/Storage:

Total Area:

Garage:

Description of work to be done: Deck



Applicant signature: [Signature]

Date: 9/7/05

CITY OF NAPOLEON GENERAL PERMIT APPLICATION

THIS APPLICATION IS FOR RESIDENTIAL CONSTRUCTION INCLUDING BUILDING, ELECTRICAL, PLUMBING, MECHANICAL, DEMOLITIONS, REMODELING.

DATE: 9/6/05 JOB LOCATION: 809 Lombard st

OWNER: Daniel + Kimberly Bischoff PHONE: 419-599-1012

OWNER ADDRESS: 809 Lombard CITY: Napoleon ZIP: OH

CONTRACTOR: Self PHONE: _____

CONTRACTOR LICENSED WITH THE CITY OF NAPOLEON?: YES: _____ NO: _____

Is any of this job going to be subcontracted out? Yes: _____ No: X

If yes to whom: _____

DESCRIPTION OF WORK TO BE PERFORMED: Install Deck

PLEASE MARK THE TYPE OF WORK YOU WILL BE PERFORMING

- | | |
|---|--|
| <input type="checkbox"/> A/C ADD ON | <input type="checkbox"/> REMODELING |
| <input type="checkbox"/> BOILER REPLACEMENT | <input type="checkbox"/> ROOFING |
| <input type="checkbox"/> CURBING | <input type="checkbox"/> SEWER REPAIRS** |
| <input checked="" type="checkbox"/> DECKS * | <input type="checkbox"/> SIDEWALK* |
| <input type="checkbox"/> DRIVEWAY* | <input type="checkbox"/> SIDING |
| <input type="checkbox"/> ELECTRICAL SERVICE UPGRADE | <input type="checkbox"/> STORAGE SHED* |
| <input type="checkbox"/> ELECTRICAL SERVICE NEW | <input checked="" type="checkbox"/> SWIMMING POOL* |
| <input type="checkbox"/> FENCE* | <input type="checkbox"/> FURNACE REPLACEMENT |
| <input type="checkbox"/> ADDITIONS* | <input type="checkbox"/> TEMP ELECTRIC |
| <input type="checkbox"/> FURNACE NEW | <input type="checkbox"/> WATER TAP (size _____") |
| <input type="checkbox"/> LAWN METER | <input type="checkbox"/> WINDOWS |
| <input type="checkbox"/> PLUMBING | <input type="checkbox"/> ZONING |

*PLEASE INCLUDE A PICTURE SHOWING MEASUREMENTS FROM EXISTING STRUCTURES AND PROPERTY LINES. INDICATING THE TYPE OF WORK YOU WISH TO PERFORM.

** IF WORK REQUIRES GOING INTO THE STREET A STREET BOND IS REQUIRED!

FOR PERMIT COSTS PLEASE FILL OUT REVERSE SIDE.

PERMIT COST WORKSHEET

JOB	BASE FEE	TOTAL
SIDING (only) TOTAL SQ _____ X 1.00 +	\$5.00 =	\$ _____
ROOFING (only) TOTAL SQ _____ X 1.00 +	\$5.00 =	\$ _____
WINDOWS (only) # OF WINDOWS ____ X 1.00 +	\$5.00 =	\$ _____
ELECTRICAL # OF CIRCUITS ____ X 3.00 +	\$15.00 =	\$ _____
ELECTRICAL SERVICE UPGRADE	\$15.00 =	\$ _____
PLUMBING (INSIDE) repairs only	\$10.00 =	\$ _____
PLUMBING/SEWER (OUTSIDE)	\$25.00 =	\$ _____
WATER HEATER	\$5.00	\$ _____
SHED UNDER 200 SQ FT	\$ 5.00	\$ _____
FURNACE OR A/C (REPLACEMENT)	\$ 5.00	\$ _____
DEMOLITION (only)	\$30.00	\$ _____
SIDEWALK REPLACEMENT/ NEW	\$25.00	\$ _____
DRIVEWAY	\$25.00	\$ _____

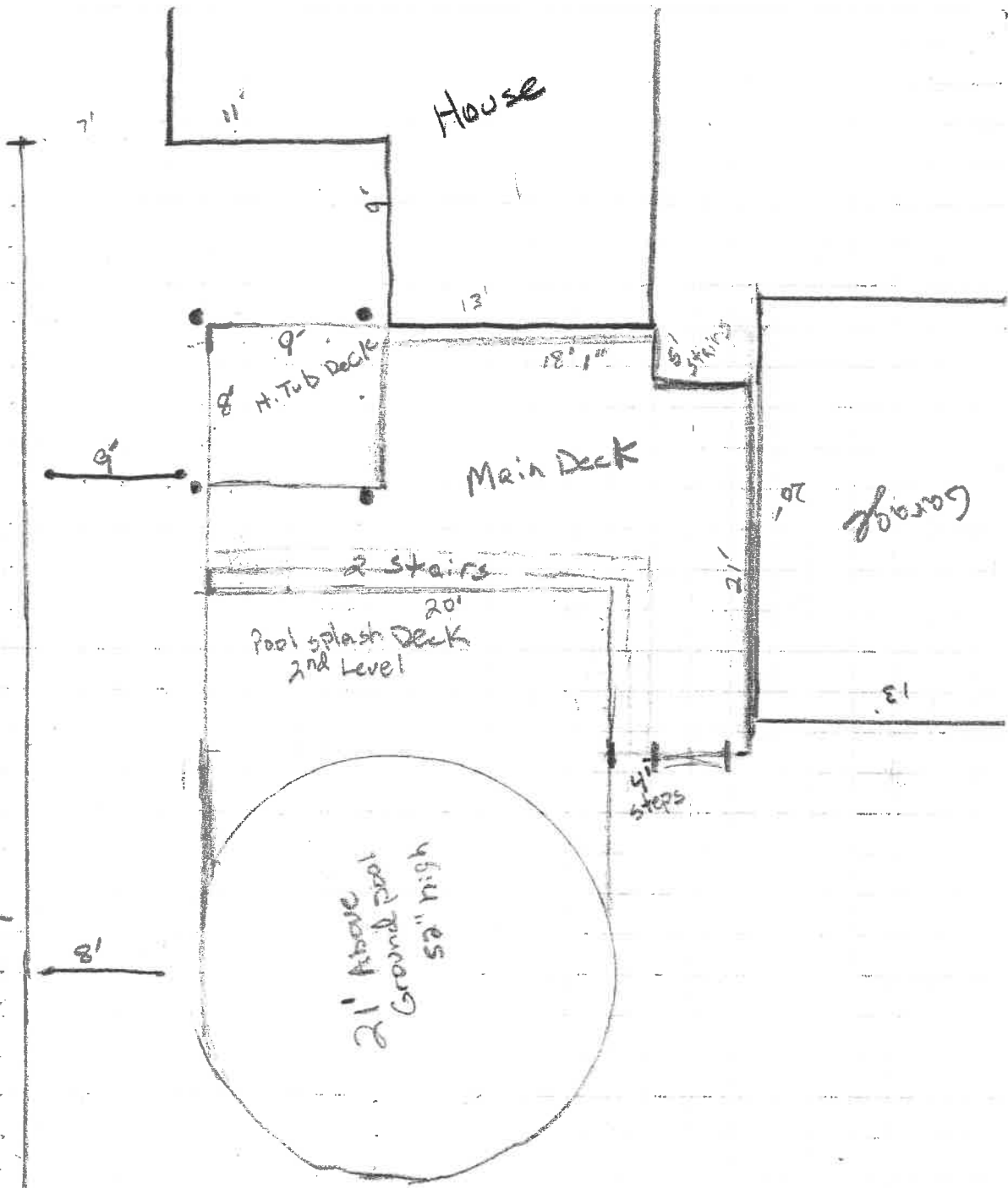
ALL CONSTRUCTION, ALTERATIONS, REMODELING, SHEDS, DECKS & FENCES NOT LISTED ABOVE IS BASED ON COST OF WORK BEING PERFORMED.

COST OF WORK \$ 2500 (SEE CHART) \$ 14.00

0.00	-	250.00	0.00	11,000.00	-	11,999.00	25.00
250.00	-	1,000.00	10.00	12,000.00	-	12,999.00	26.00
1,000.00	-	1,999.00	12.00	13,000.00	-	13,999.00	27.00
2,000.00	-	2,999.00	14.00	14,000.00	-	14,999.00	28.00
3,000.00	-	3,999.00	16.00	15,000.00	-	15,999.00	29.00
4,000.00	-	4,999.00	18.00	16,000.00	-	16,999.00	30.00
5,000.00	-	5,999.00	19.00	17,000.00	-	17,999.00	31.00
6,000.00	-	6,999.00	20.00	18,000.00	-	18,999.00	32.00
7,000.00	-	7,999.00	21.00	19,000.00	-	19,999.00	33.00
8,000.00	-	8,999.00	22.00	20,000.00	-	20,999.00	34.00
9,000.00	-	9,999.00	23.00	21,000.00	-	21,999.00	35.00
10,000.00	-	10,999.00	24.00	22,000.00	-	22,999.00	36.00
				Over 22,999		Please Call	

N

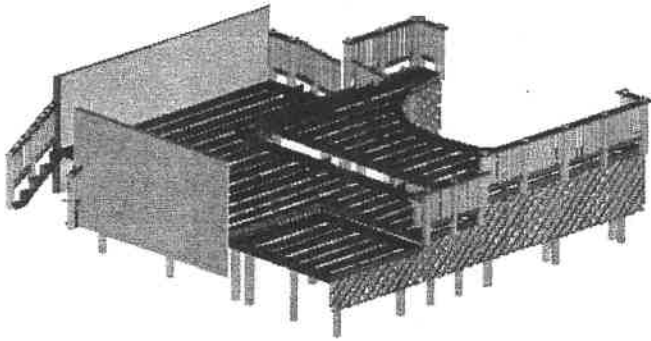
Fence / Property line 8'



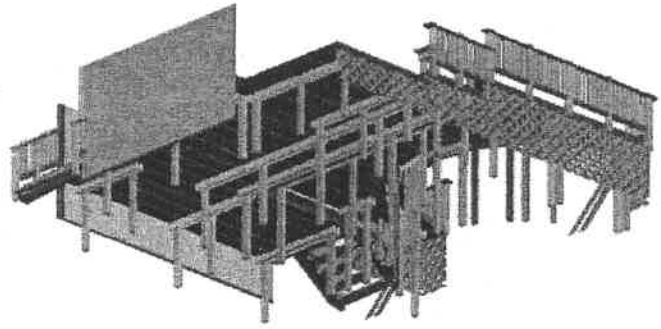
- Post 4x4 3ft Footings
- Beams 2x8
- Joist 2x8
- Main Deck 36"
- Pool Deck 51"
- Hot Tub 18"
- Railing Height 36"

Fence / Property line

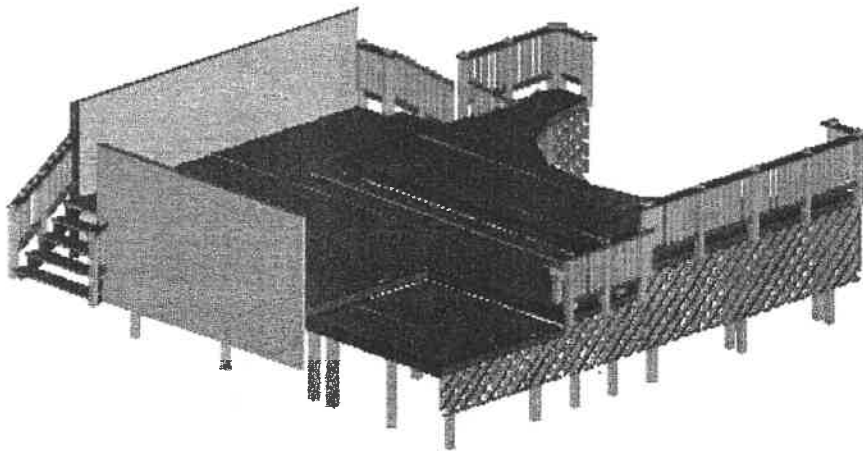
Deck Layout Diagram



Top view without Planks



Bottom view



Top view with planks

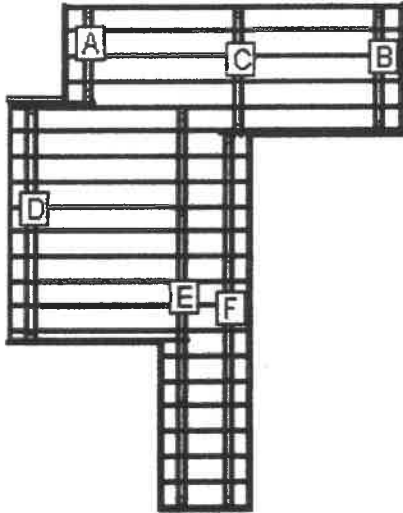
Below are the Specifications And Materials that you have selected for your deck.

Overview	Number of Levels: 3	Footer Depth: 24 36
	Total Square Feet: 577	Live Load: 44 psf Dead Load: 16 psf

Component	Size	Wood Type
Joists	2x6 2x8	PT Top Choice SW
Beams	2x6 2x8	PT Top Choice SW
Posts	4 x 4	PT Timbers
Decking	5/4 x 6	PT Decking-Standard
Railing		PT Top Choice SW
Bench		Dimensional Cedar
Lattice		PT Top Choice .40

FooterDepth	24 36"	Live Load	44 psf
		Dead Load	16 psf

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LOAD AND SUPPORT:

Your deck will support a 44 PSF live load.
 Posts have 36" below ground support.

36"

DECK AND POST HEIGHT:

You selected a height of 36" from the top of the decking to ground level. The top of the deck support posts will therefore be 29.25" above ground level.

Joists:

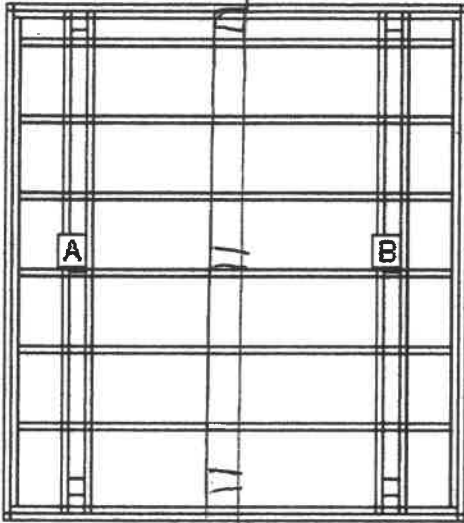
Set joists on top of beams, 16" center to center.

Stress Analysis

Component	PSF
Joist Deflection	126
Joist Bending	55
Joist Shear	90
Joist Compression	221
Beam Deflection	187
Beam Bending	53
Beam Shear	63
Bolt Shear	156
Post Stability	304

Add 3rd Beam For H.T. Deck

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LOAD AND SUPPORT:

Your deck will support a 133 PSF live load.
Posts have ~~36~~ below ground support.

36

DECK AND POST HEIGHT: *18*

You selected a height of ~~20~~ from the top of the decking to ground level. The top of the deck support posts will therefore be ~~22-25~~ above ground level.

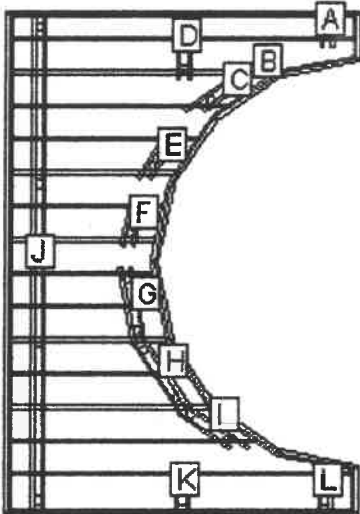
Joists:

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

Stress Analysis

Component	PSF
Joist Deflection	126
Joist Bending	55
Joist Shear	90
Joist Compression	221
Beam Deflection	187
Beam Bending	53
Beam Shear	63
Bolt Shear	156
Post Stability	304

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LOAD AND SUPPORT:

Your deck will support a 41 PSF live load.
 Posts have 36" below ground support.

DECK AND POST HEIGHT:

You selected a height of 50" from the top of the decking to ground level. The top of the deck support posts will therefore be 43.25" above ground level.

Joists:

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

Stress Analysis

Component	PSF
Joist Deflection	126
Joist Bending	55
Joist Shear	90
Joist Compression	221
Beam Deflection	187
Beam Bending	53
Beam Shear	63
Bolt Shear	156
Post Stability	304

