



13209 Black Walnut Lane, Spotsylvania, VA 22553 Cell: (703) 447-5930 Fax: (540) 895-9203

Home Planning Guide

Planning for a new home can be an exciting, challenging and sometimes overwhelming experience.

For most of us, a new home is one of the largest financial decisions we will make, and one that done properly can provide benefits for years to come. Not only in dollars and cents, but also in the many things money can't buy.

We suggest that you start the planning process by visiting www.Homebuilder.com for advice and ideas and review the "Planning Timeline" available on our website (www.aehomesllc.com). Then use this Guide to bring the details into focus.

We have designed this Planning Guide to assist you in the selection and or design of your new home. It is equally useful for selecting from a library of existing plans as well as guiding you in the design of a custom home. You will be asked to define priorities, establish needs and explore adjacencies, all of which combine to form a foundation of guidelines from which to proceed.

You may fill out as many or as few of the sections as you like. The important point is that you've considered all the issues and can effectively communicate your needs to the Designer or Builder.

If you are interested in designing a new home with **A&E Homes Custom Design Services**, simply include a completed copy of this guide along with any additional sketches or ideas. Our Custom Design Services are very affordable

We hope you will find this Planning Guide helpful. If there's anything else we can do, just give us a call at **(703) 447-5930** or drop us a note at **information@aehomesllc.com**. There's no cost or obligation to discuss your homebuilding ideas or answer any questions you may have.



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2. Project Information

A. Square Footage Calculations

Square footage is determined by four main categories:

Interior conditioned area: Interior square footage represent heated/cooled floor only and do not include two story or vaulted spaces, garages, bonus rooms, covered porches or any other unfinished areas. These measurements are from the outside face of the stud.

Interior unconditioned area: This would include items such as a garage, an unfinished basement and any storage or utility rooms that are not included in air-conditioned area.

Exterior covered area: Covered porches and decks.

Exterior uncovered area: Open decks and patios.

B. Establishing your Program

This section allows you to make programming selections that will determine the make-up of your home. The list below shows the standard rooms and sizes to calculate typical square footage requirements.

Circle the necessary rooms and size, then multiply the number together and write that number under "square footage". The numbers shown below represent typical room sizes, however, if you have an alternate room dimension, just write the desired length and width next to Size C and calculate the square footage. After you have calculated all of the numbers add **20%** to the subtotal for circulation secondary areas. This is your estimated Total Square Footage Requirement.



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Interior Finished Areas

Room	Size A	Size B	Size C	Square Footage
Foyer	6 x 10	8 x 10	10 x 12	_____
Living Room	10 x 12	12 x 12	14 x 14	_____
Dining Room	12 x 12	12 x 14	14 x 16	_____
Kitchen	10 x 12	12 x 14	14 x 16	_____
Breakfast	8 x 10	10 x 10	10 x 12	_____
Great Room	15 x 15	18 x 18	21 x 21	_____
Study/Library	10 x 12	12 x 12	12 x 14	_____
Home Office	10 x 12	12 x 12	12 x 14	_____
Powder Room	5 x 5	6 x 7	7 x 8	_____
Laundry	6 x 6	8 x 7	8 x 10	_____
Storage	5 x 6	7 x 8	9 x 10	_____
Master Bed.	15 x 15	16 x 18	18 x 20	_____
Master Bath	9 x 9	10 x 12	12 x 14	_____
Master Closet	5 x 7	8 x 10	12 x 12	_____
Bedroom 2	10 x 12	12 x 12	14 x 14	_____
Bedroom 3	10 x 12	12 x 12	14 x 14	_____
Bedroom 4	10 x 12	12 x 12	14 x 14	_____
Bedroom 5	10 x 12	12 x 12	14 x 14	_____
Bedroom 6	10 x 12	12 x 12	14 x 14	_____
Bath 2	5 x 8	5 x 10	6 x 12	_____
Bath 3	5 x 8	5 x 10	6 x 12	_____
Bath 4	5 x 8	5 x 10	6 x 12	_____

Other Rooms **Approx. Size** **Square Footage**

Solarium	_____	_____
Sewing Room	_____	_____
Bonus	_____	_____
Media Room	_____	_____
Recreational Room	_____	_____

Subtotal

Add a 20% circulation factor: _____

TOTAL:

*Square Footage can easily vary **10%** or more depending on overall layout.



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Unfinished Areas Room	Approx. Size	Square Footage
Garage/Carport	_____	_____
Storage	_____	_____
Workshop	_____	_____
Basement	_____	_____
TOTAL:		

Exterior Areas Room	Approx. Size	Square Footage
Front Porch	_____	_____
Rear Covered Porch	_____	_____
Deck/Patio	_____	_____
Screened Porch	_____	_____
TOTAL:		

The initial programming list above represents the features your home will include as well as the projected total square footage.



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C. Defining your Requirements

The following questions will help further define the type of home you are looking for.

1. How many levels?

One Story, Two Story, Split Level, _____

please specify type: basement/cellar _____

2. List ceiling heights

First Floor _____

Second Floor _____

Basement _____

Attic _____

Great Room _____

3. Based on the information on the previous pages:

Will one of the bedrooms be used as an office? _____

Will the bonus room serve as a future bedroom? _____

4. What types of closets are important in your secondary bedrooms, walk-in (4'x5') or standard (2'x5')?



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5. Do you plan to have separate formal and private areas in your home? If so please explain?

6. Describe ceiling designs for specific rooms?

Ceiling Type	Room(s)
Tray ceiling	_____
Pan Ceiling	_____
Vaulted Ceiling	_____
Higher Ceiling	_____
What height?	_____
What height?	_____
What height?	_____
What height?	_____

7. Please circle any optional amenities and add them to the chart on the next page.

If there is an amenity that you would like to incorporate into your home that is not listed below, please describe.

- | | | | |
|-------------------|--------------------|-------------------|----------------|
| Patio/Deck | Fireplace(s) | Island in Kitchen | Front Porch(s) |
| Gas Grill | Seating in Kitchen | Overlook Balcony | |
| Bookcases | Display Shelves | Laundry Shoot | |
| Standard Shelving | | Cabinets | |



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8. Select from the following floor finishes and add to the chart on the next page.

IF there is a floor finish not listed, please list and describe.

Hardwood Floors Ceramic Tile Vinyl Tile Carpet Concrete

9. Following is a list of standard amenities found in modern kitchens, please choose from the list below and describe the important features you would like to incorporate.

Island Pantry Seating Area Lazy Susan Undercounter Lighting

Wine Rack Large Drawers Small Drawers Glass Doors

Open Shelving



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D. Summary of Individual Requirements and Amenities

Please list each room and the appropriate amenities you would like to incorporate, be sure to underline important issues.

Room	Floor	Location	Amenities	Floor Finish
ie: Great Room	1st	Rear of Home	Fireplace, Display Shelves	Hardwood
Foyer	_____	_____	_____	_____
Living Room	_____	_____	_____	_____
Dining Room	_____	_____	_____	_____
Kitchen*	_____	_____	_____	_____
Breakfast	_____	_____	_____	_____
Great Room	_____	_____	_____	_____
Study/Library	_____	_____	_____	_____
Powder Room	_____	_____	_____	_____
Laundry	_____	_____	_____	_____
Garage/Carport	_____	_____	_____	_____
Storage	_____	_____	_____	_____
Master Bed	_____	_____	_____	_____
Master Bath	_____	_____	_____	_____
Bedroom 2	_____	_____	_____	_____
Bedroom 3	_____	_____	_____	_____
Bedroom 4	_____	_____	_____	_____
Bath 2	_____	_____	_____	_____
Bath 3	_____	_____	_____	_____

*If necessary, take additional space to describe the kitchen in further detail.



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E. Describing your Requirements

Describe the overall feel for the interior of your home. Describe any room in which you want to include certain features or amenities (ie: master bath, Include a large whirlpool tub, with separate shower and enclosed room for water closet, two vanities with sinks, large linen closet and walk-in closet from bath, also include windows and skylights).



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3. Adjacencies

In addition to selecting appropriate spaces to include in your home, you must decide upon adjacent locations for important rooms. Please list Primary, Secondary and Not to be adjacent conditions. This is where you begin to adapt the program of the house to your specific needs.

There are three categories to use while prioritizing your adjacencies:

Primary Adjacency: This would constitute an adjacency that you determine to be critical to the success of the design of your house. A typical primary adjacency would be Dining Room/Kitchen.

Secondary Adjacency: This is something that you believe would improve the quality of your home but may not be critical to the success of your home. This is a good time to think about your personal habits and preferences. If you enjoy reading late at night, but don't want to keep everyone up, a secondary adjacency may be Master Bedroom/Study.

Not to be Adjacent: If there are rooms you would not like to have adjacent to each other please indicate so in the appropriate section.

Start by resolving the Primary and Not to be Adjacent categories first and then working on secondary adjacencies. Completing this section will be crucial to the success and appropriateness of any design.



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Primary Adjacencies:

ie: Kitchen to Dining Room

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.

Secondary Adjacencies:

ie: Master Bedroom to Study

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.



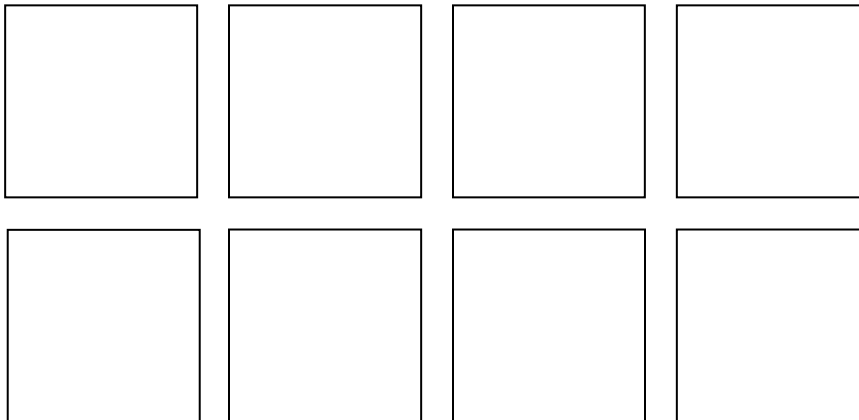
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Not to be Adjacent:

ie: Master Bedroom to Secondary Bedrooms

- 1.
- 2.
- 3.
- 4.
- 5.

To better understand adjacencies, you can create a Bubble Diagram below. Add as many spaces as needed.





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4. Exterior Style and Type

Architectural styles and types can range from the intuitive organic architecture of a prairie home to the simplicity of a coastal cottage. Below is a list of several types of architectural styles, please select one that represents your family and interests and describe the different characteristics you are looking for. Also, Include any photographs or sketches that will reinforce the idea of your stylistic preferences.

Historical American Styles and Types

Popular throughout the eastern United States these historical styles reference a variety of regional preferences including the architectural vocabulary of Colonial, Georgian, Federal and Victorian designs.

Victorian 1880-1910

Cape Cod

Southern Coastal 1880-1920

Georgian 1720-1800

Colonial American 1780-1860

Williamsburg Colonial 1930-1990s

Salt Box

Country Farmhouse

Neo-Victorian 1980-1990s

European References

(often referred to as Traditional)

Popular in the US beginning in the 1920's these European influenced styles have evolved to reflect the varied tastes of many upscale developments across North America.

Traditional 1980-1990s

French Provincial

English Country

Italian Villa 1840-1880

Tudor 1890-1930

Neo-Tudor 1960-1990s

Mediterranean Southwestern / Floridian

Based from Spanish, Spanish Colonial and Italian Renaissance architecture the Mediterranean Styles typically offer tiled roofs, stuccoed walls and landscaped courtyards. Prevalent in the former Spanish Territories of Florida, the Southwest and California.

Spanish Mission 1890-1920

Italian Renaissance 1845-1870

Pueblo 1900-1990s

Neo-Mediterranean 1970-1990s



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Contemporary

Widely misdescribed, a "Contemporary Home" has evolved to refer to a variety of vague conditions including any style that features an open plan, however most design professionals consider true contemporary styles to include buildings that reflect an innovative or distinctive use of materials and design. For our purposes we have included the following styles.

International Style 1930-1990s - Le Corbusier
Miesian 1950-1965 - Ludwig Mies van der Rohe
Prairie Style / Wrightian 1900-1960 - Frank Lloyd Wright
Post Modern 1960-1990s

Vacation

Vacation Homes range from a simple cottage designed for the lake in the woods to a Post and Beam log home with open rafters nestled in a mountain setting.

Cottage
Post and Beam
Log Cabins

Other Styles and Building Types

Other styles might include the distinctive Craftsman Style popular in Southern California in the 1920's or perhaps Ranch Style which is actually more a type than a style.

Craftsman 1900-1930 - Greene Brothers
Ranch Type Home 1950-1970
American Vernacular 1980-1990s

Describe Your Exterior Style



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5. Site Conditions

A. Foundation Options

The slope or terrain of your proposed site can serve as one of the most important factors in determining the type of foundations appropriate for your home. For example, in building a home on a slab foundation you would typically look for a fairly level lot or appropriate building site to minimize the amount on cut and fill that might otherwise be required. Listed below are typical foundation types, circle the foundation you require.

1. Basement

If you are interested in a basement foundation, look for a lot that slopes down from front to back or from side to side. A lot which slopes up from front to back can be more difficult and expensive because you have to allow for excessive steps or fill to access the front door. If specifying a basement, please answer the questions below.

- a. Walk-out daylight basement or cellar type
- b. Finished or Unfinished

2. Slab Foundation

To utilize a poured concrete slab foundation type, make sure the site can be properly graded to be relatively flat, typically a 1 to 2 foot drop off from one side to the other, while still accommodating for positive drainage away from the home. A slab foundation is often the simplest and least expensive option and consists of a poured concrete surface with a thickened or turned-down perimeter and additional depth added under load bearing interior walls.

3. Crawlspace Foundation

If your lot slopes from 2 to 5 feet across the building site, a crawlspace foundation might be appropriate, A typical crawlspace foundation consists of a concrete block stemwall approximately 3 feet tall that continues around the perimeter of the home with structural piers located under load bearing points of a wood framed floor system.

4. Raised Slab Foundation

Another option to a crawlspace foundation is a raised slab foundation. This can be more cost effective because of the cost of wood in a floor system. Construction consists of a concrete block stemwall approximately 3 feet tall that continues around the perimeter of the home that is reinforced with concrete and steel, the interior area is then backfilled with sand and a concrete slab is poured as the floor system.



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B. Selecting a Building Site

Just as in designing a home, selecting a building site for your family can be a serious decision. Real Estate agents tell us one of the most important factors in choosing a lot is the general location or neighborhood. Important factors include, adjacent property values, local communities, schools, churches, shopping, views, lakefront access and proximity to your work place. Even if you do not have school age children, the resale and retained property values of a quality school system will effect the value of your home for many years to come.

1. Subdivision Requirements or Restrictive Covenants

Are there covenants or building requirements in the subdivision you are considering such as, appropriate usage, exterior materials/colors, roof pitches, garage access, etc..

2. Setbacks

Be sure to allow for front rear and side setbacks when designing the width and length of the home. Also allow for an appropriate driveway, (about 10 feet wide) and if necessary, room for a turn-around area (30 feet from side-entry garages)

3. Easements

Are there any utility or drainage easements that could limit the use of the land? Easements usually exist along the rear or side of a lot to allow for power, telephone, gas lines or storm-water access. Typically you can not build within this area, consult your local planning department for further information.

4. Flood Plain

Before purchasing your lot, check with the local zoning department to verify that the proposed building site is not restricted by a flood plain or other natural encumbrance.

5. Special Requirements

Such as additional parking spaces, detached garage or other structure, area for boats or recreational vehicles. Do you plan on installing a swimming pool, tennis courts, stables, gazebo or any other outdoor living areas? Check local codes and subdivision restrictive covenants for specific information.

6. Privacy

Homes that slope up from the front to back or sit up on a hill, offer more privacy than those that slope away. "L" or "H" shaped plans often help create private areas from adjoining properties. Fences, trees and hedges also offer a sense of privacy.



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C. Designing for your Site

Site conditions can have a profound impact on the way your house is designed. Please be as specific as possible with all of these questions. A site diagram which maps distinguishing features can be very helpful.

If you already have your site:

1. Describe the dimensions of your site including width and depth.

2. If applicable, list the maximum width and/or depth for your home?

3. List any requirements concerning garage entry, for example, front, side or drive-under access.

4. Are there any physical features (slopes, rocks, trees, waterfront, etc.) that might affect the design?



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6. Summary

Once you have completed the previous sections, including Square Footage Calculations, Establishing a Program, Defining Requirements, Describing Features, Adjacencies, Exterior Styles and Site Conditions, you have established a comprehensive list of criteria necessary to effectively assist in the design of a new home or select from existing plans that might meet your specific needs.



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7. Family Profile

If you are designing a new home the name of record should be the primary contact for the project. This will be the person contacted on a regular basis, so it may be helpful to choose the most accessible family member for the primary contact. Additional family member information should include any planned family additions or live-in relatives that may vary while you are in this home.

Name _____

Spouse Name _____

Home Telephone _____

Home Address _____

City _____

State _____ Zip Code _____

Company _____

Work Address _____

City _____

State _____ Zip Code _____

Spouse Company _____

Work Address _____

City _____

State _____ Zip Code _____

Additional Family Member Name	Age	Relation
_____	_____	_____
_____	_____	_____
_____	_____	_____



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8. A&E Homes Services

A. A&E Homes Custom Design Services

Custom Design Services
CAD Construction Documents
3-D Modeling and Animations
Construction Administration

B. What is Included with A&E Homes Plans

All sets of A&E Homes Plans include:

- Foundation Plans with appropriate details
- Fully Dimensioned 1/4" Scale First (and Second) Floor Plans (floor and ceiling conditions, plumbing locations, window and door schedules)
- Front, Rear and Side Elevations
- Roof Plan
- 2 3D Interior Elevations
- Schematic Electrical Plans

C. A&E Homes Construction Services

A&E Homes offers a comprehensive range of Construction Services:

Project Administration
Construction Management
Construction and Supervision
Construction Liason Services
Construction Administration

D. About A&E Homes

A&E Homes is committed to providing quality Design, Planning and Construction Services.

A&E Homes is built on a foundation of 40 years experience, spanning all facets of homebuilding and construction of thousands of quality homes. The company brings the finest designs, specifications, materials, contractors and management together to create a homebuilding and ownership advantage for our customers; the "A&E Advantage". The A&E team of homebuilding professionals includes Architects, Interior Designers, Engineers and licensed Contractors. Much of our success can be attributed to the interactive coordination



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of these distinct disciplines, and to our continuing commitment to meet the growing needs of our clients.