

Interaction Design & Navigation

Welcome

The Five Essential Principles:

Consistency

Strive for consistency in appearance and behavior, because it facilitates usability, credibility, and trust.

Visibility

Most interfaces are inherently visual, so make certain that people know when and where they can interact with it.

Learnability

Meaningful and unambiguous labels, content, and interactions make it possible to quickly understand and repeat an experience.

Predictability

Set expectations about what will happen during and after an interaction to minimize confusion and dissatisfaction.

Feedback

Acknowledge interactions and provide information about status, location, progress, and completion.

Interaction design is not about the behavior of the interface, it is about the behavior of *people*.

Interaction Design Involves...



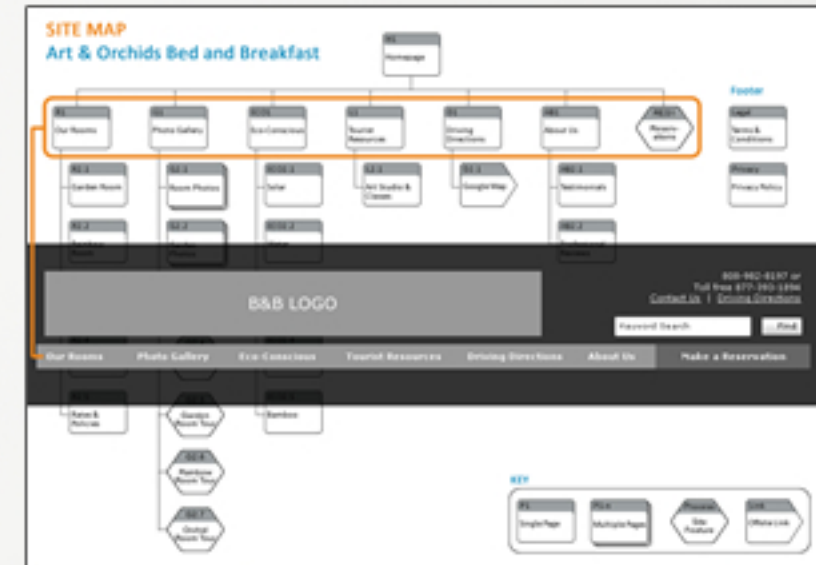
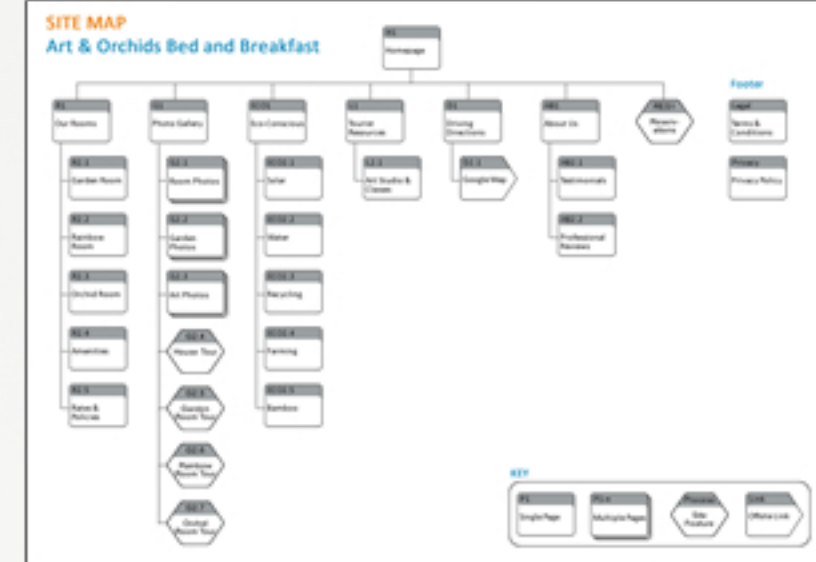
Navigation

Where the site map meets the design.

The navigational system combined with content and other contextual cues should help a visitor understand where they are.

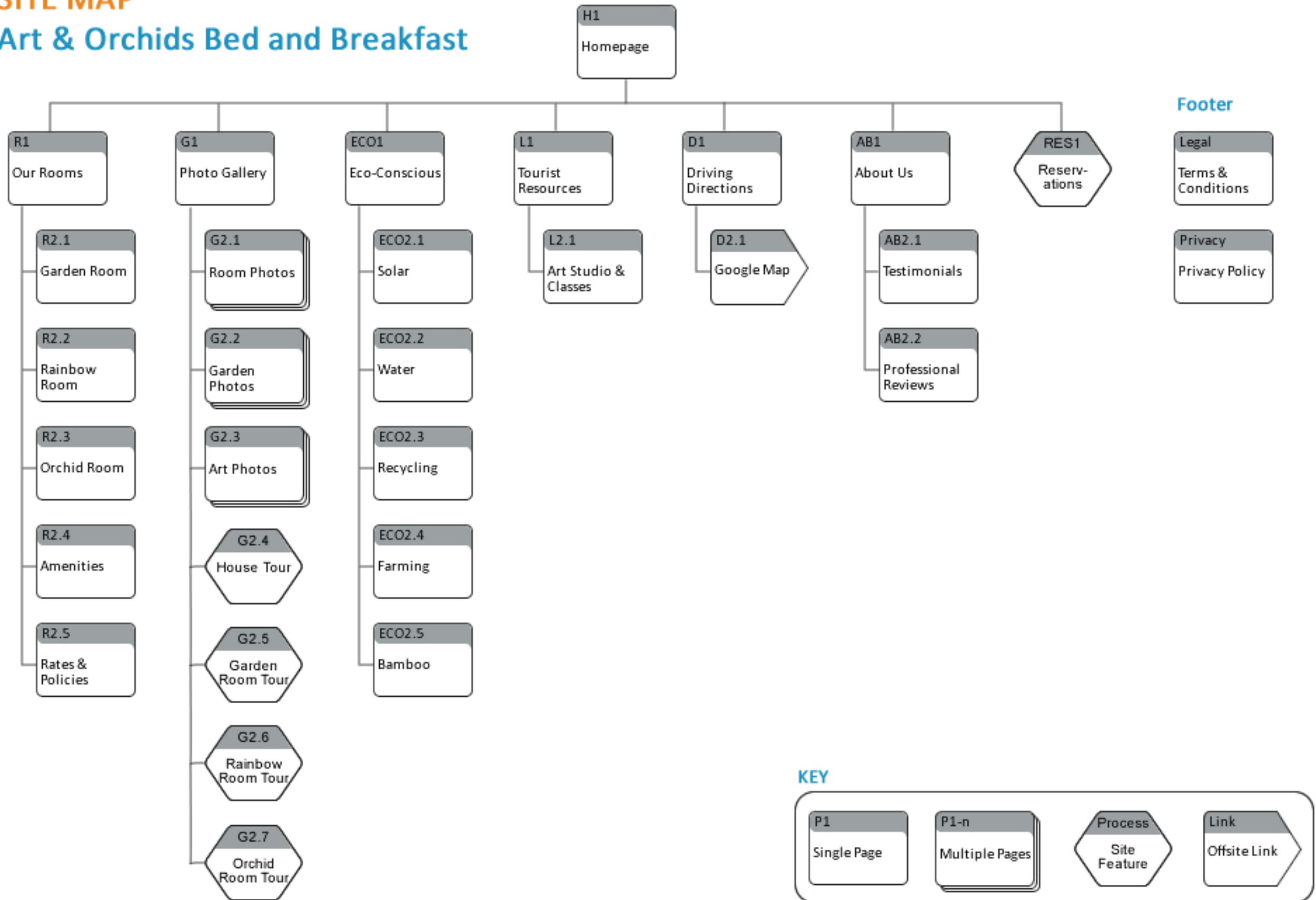
If you can drop a person into the depths of a site or application, ask these four questions, and get correct answers to all four, then you have provided a strong sense of place, set the correct expectations, and made it possible for people to accurately predict the outcomes of their interactions:

1. Where are you?
2. How might you have arrived here?
3. What can you do here?
4. Where can you go from here?

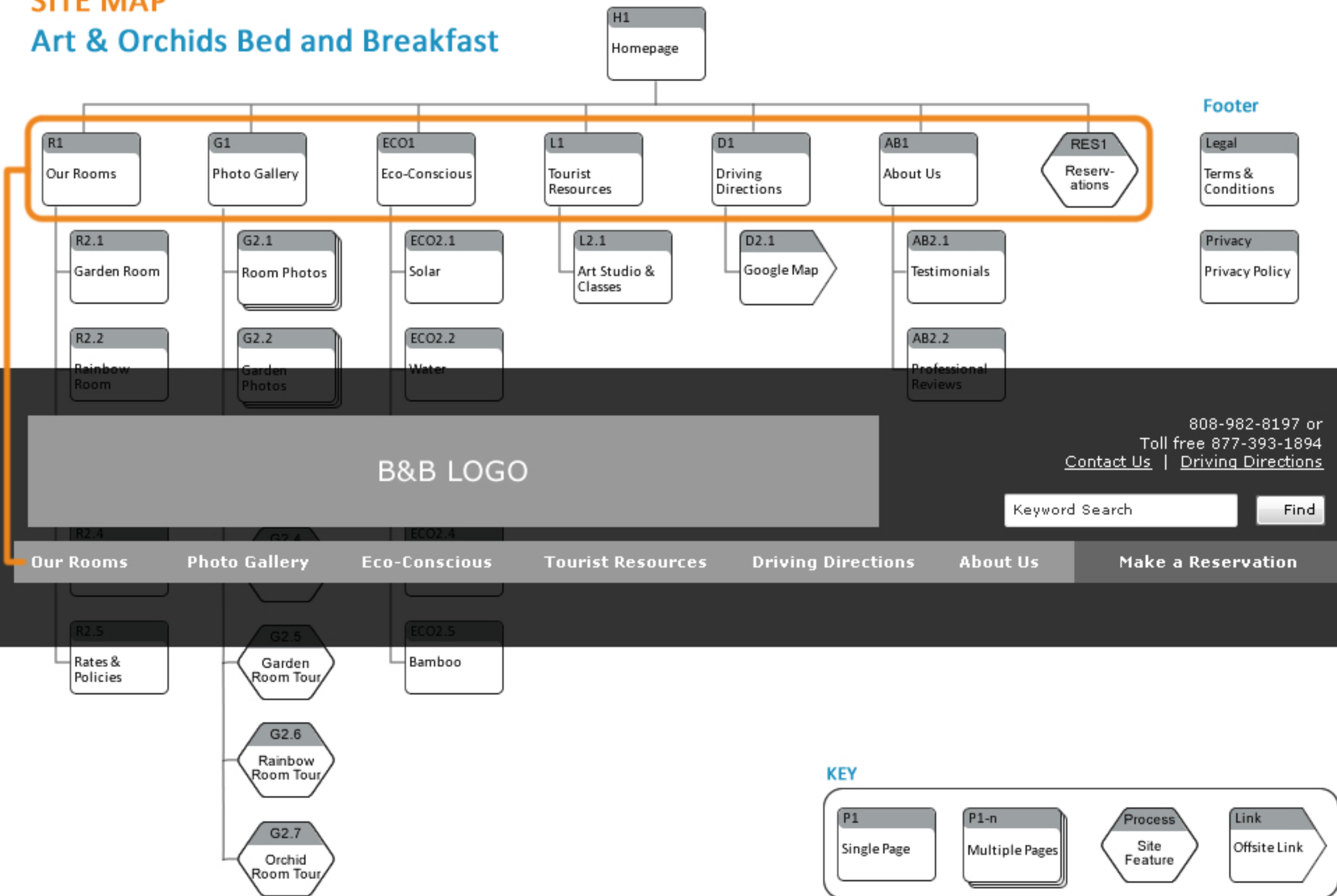


SITE MAP

Art & Orchids Bed and Breakfast



Art & Orchids Bed and Breakfast



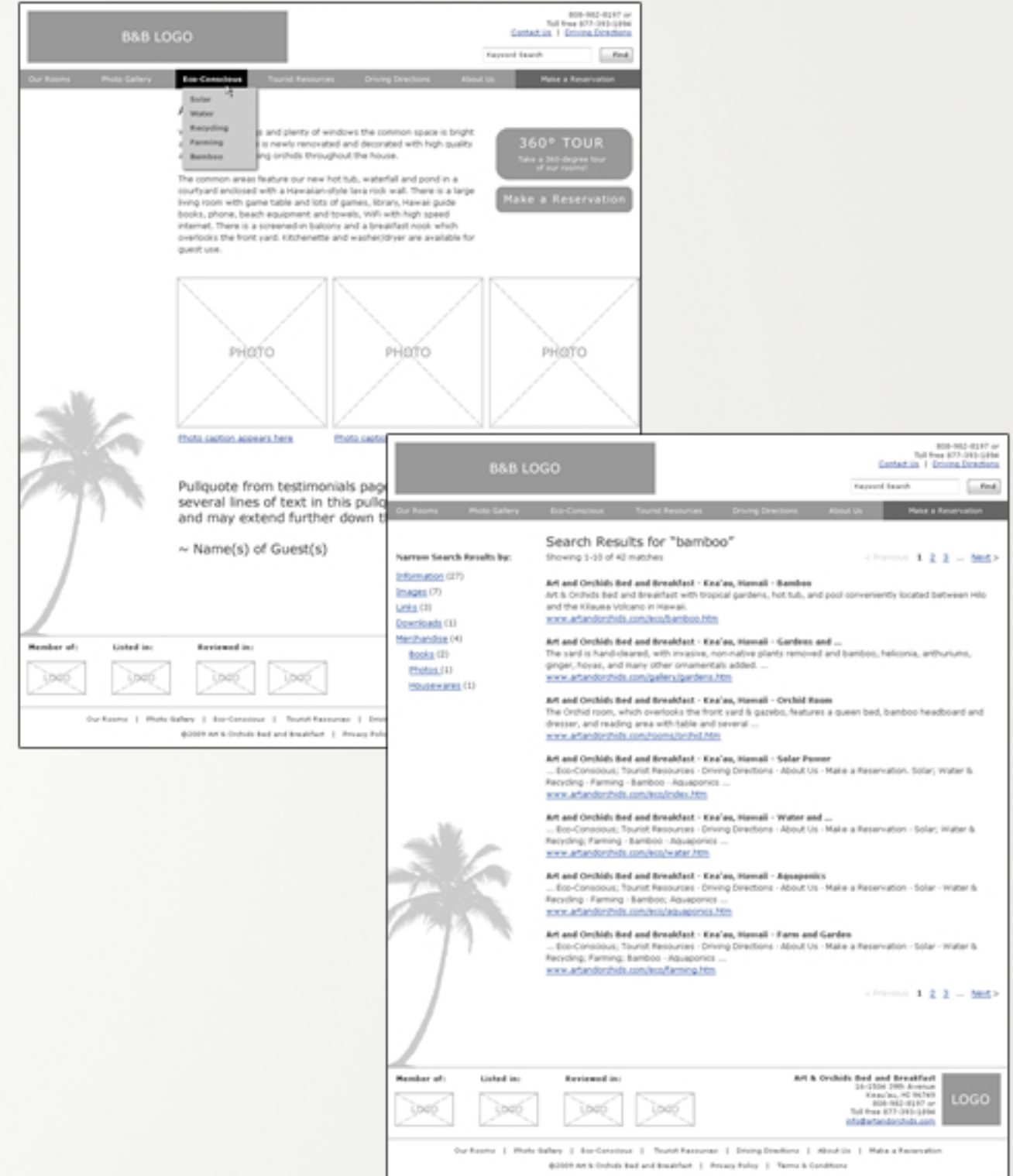
Navigation

It's all about finding what you want.

Browsing via the navigation system.

Winnowing via filters to narrow large lists and sets.

Pagination controls provide location information, a sense of the extent of the information set, and the ability to move within a large set.



- Solar
- Water
- Recycling
- Farming
- Bamboo

With lots of plants and plenty of windows the common space is bright and airy. The house is newly renovated and decorated with high quality furniture. There are many orchids growing throughout the house.

The common areas feature our new hot tub, waterfall and pond in a courtyard enclosed with a Hawaiian-style lava rock wall. There is a large living room with game table and lots of games, library, Hawaii guide books, phone, beach equipment and towels, WiFi with high speed internet. There is a screened-in balcony and a breakfast nook which overlooks the front yard. Kitchenette and washer/dryer are available for guest use.

360° TOUR

Take a 360-degree tour of our rooms!

Make a Reservation



[Photo caption appears here](#) [Photo caption appears here](#) [Photo caption appears here](#)

Pullquote from testimonials page appears here. There is space for several lines of text in this pullquote because it spans two columns and may extend further down the page.

~ Name(s) of Guest(s)

Member of:

Listed in:

Reviewed in:

Art & Orchids Bed and Breakfast
16-1504 39th Avenue
Keau'au, HI 96749
808-982-8197 or
Toll free 877-393-1894
info@artandorchids.com

LOGO

Search Results for "bamboo"

Showing 1-10 of 42 matches

< Previous **1** [2](#) [3](#) ... [Next](#) >

Narrow Search Results by:

[Information](#) (27)[Images](#) (7)[Links](#) (3)[Downloads](#) (1)[Merchandise](#) (4)[Books](#) (2)[Photos](#) (1)[Housewares](#) (1)**Art and Orchids Bed and Breakfast - Kea'au, Hawaii - Bamboo**

Art & Orchids Bed and Breakfast with tropical gardens, hot tub, and pool conveniently located between Hilo and the Kilauea Volcano in Hawaii.

www.artandorchids.com/eco/bamboo.htm**Art and Orchids Bed and Breakfast - Kea'au, Hawaii - Gardens and ...**

The yard is hand-cleared, with invasive, non-native plants removed and bamboo, heliconia, anthuriums, ginger, hoyas, and many other ornamentals added. ...

www.artandorchids.com/gallery/gardens.htm**Art and Orchids Bed and Breakfast - Kea'au, Hawaii - Orchid Room**

The Orchid room, which overlooks the front yard & gazebo, features a queen bed, bamboo headboard and dresser, and reading area with table and several ...

www.artandorchids.com/rooms/orchid.htm**Art and Orchids Bed and Breakfast - Kea'au, Hawaii - Solar Power**

... Eco-Conscious; Tourist Resources · Driving Directions · About Us · Make a Reservation. Solar; Water & Recycling · Farming · Bamboo · Aquaponics ...

www.artandorchids.com/eco/index.htm**Art and Orchids Bed and Breakfast - Kea'au, Hawaii - Water and ...**

... Eco-Conscious; Tourist Resources · Driving Directions · About Us · Make a Reservation · Solar; Water & Recycling; Farming · Bamboo · Aquaponics ...

www.artandorchids.com/eco/water.htm**Art and Orchids Bed and Breakfast - Kea'au, Hawaii - Aquaponics**

... Eco-Conscious; Tourist Resources · Driving Directions · About Us · Make a Reservation · Solar · Water & Recycling · Farming · Bamboo; Aquaponics ...

www.artandorchids.com/eco/aquaponics.htm**Art and Orchids Bed and Breakfast - Kea'au, Hawaii - Farm and Garden**

... Eco-Conscious; Tourist Resources · Driving Directions · About Us · Make a Reservation · Solar · Water & Recycling; Farming; Bamboo · Aquaponics ...

www.artandorchids.com/eco/farming.htm< Previous **1** [2](#) [3](#) ... [Next](#) >

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LOGO

Navigation

Communicate a sense of place and provide a “scent of information.”

The “scent of information” is the theory that people rely on cues in the information environment to find answers.

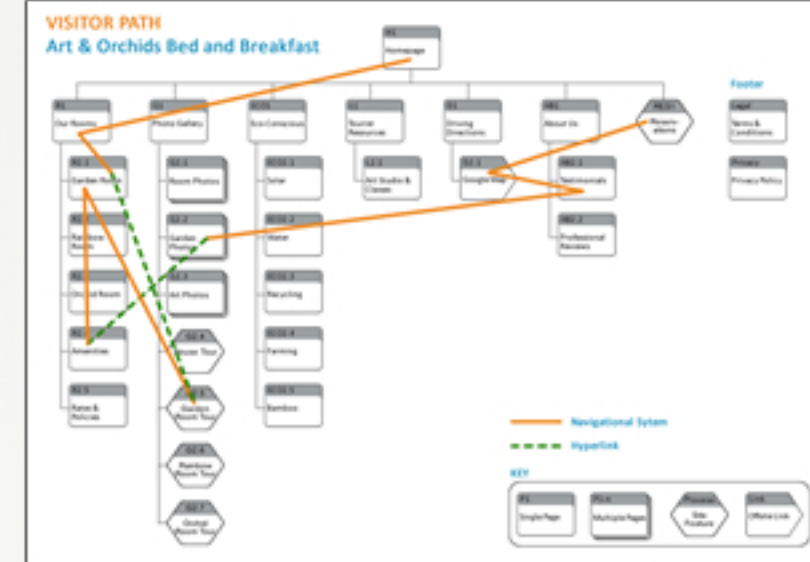
People estimate how much useful information they are likely to find on a given path then compare the actual outcome with their predictions.

When the information scent stops getting stronger (i.e., when people no longer expect to find useful additional information on their current path), they move to a different information source or path. (Source: Wikipedia)

The information path is rarely direct.

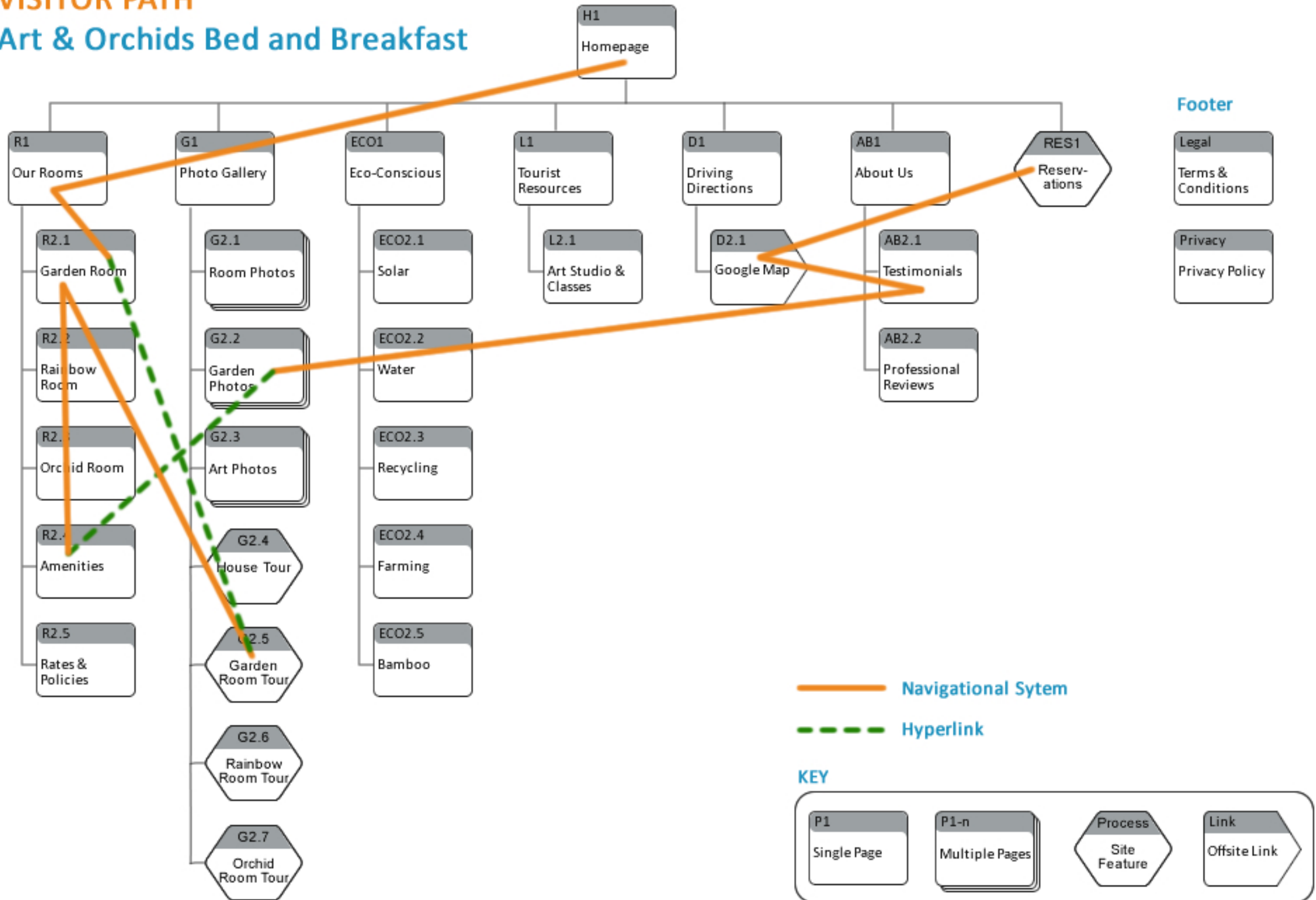
People meander and follow links based on contextual relevance, interest, and even whim.

When people do not know where they are or how they got there, they attempt to “back out” or navigate to a known location to re-orient themselves.



VISITOR PATH

Art & Orchids Bed and Breakfast



Navigation

Navigation systems must be able to scale as a web site or application evolves, grows, and changes.

What are the plans for future expansion?

1. Horizontal vs. vertical layout
2. Drop-down and fly-out menus

Does the web site or application need to be localized and delivered in multiple languages?

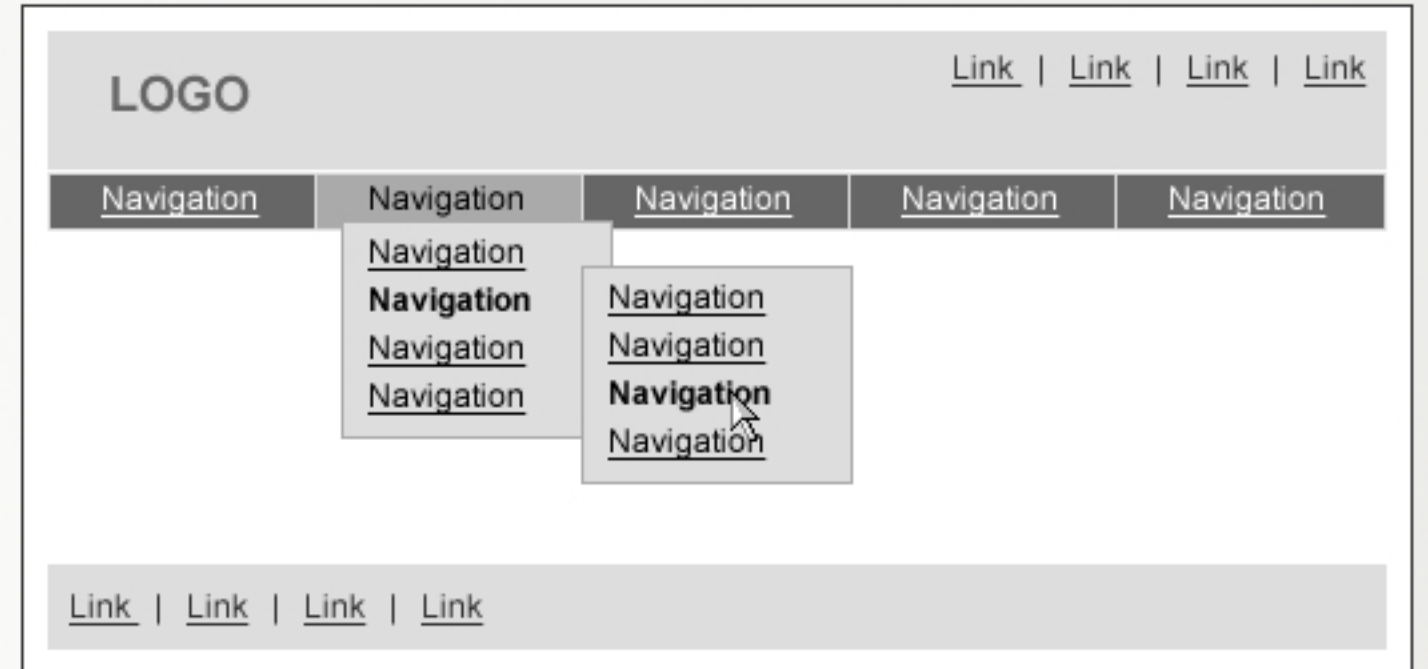
Can supporting or auxiliary navigation be placed in the header or footer and still be convenient for visitors?

Although navigation bars are common, they are not the only method for finding one's way.

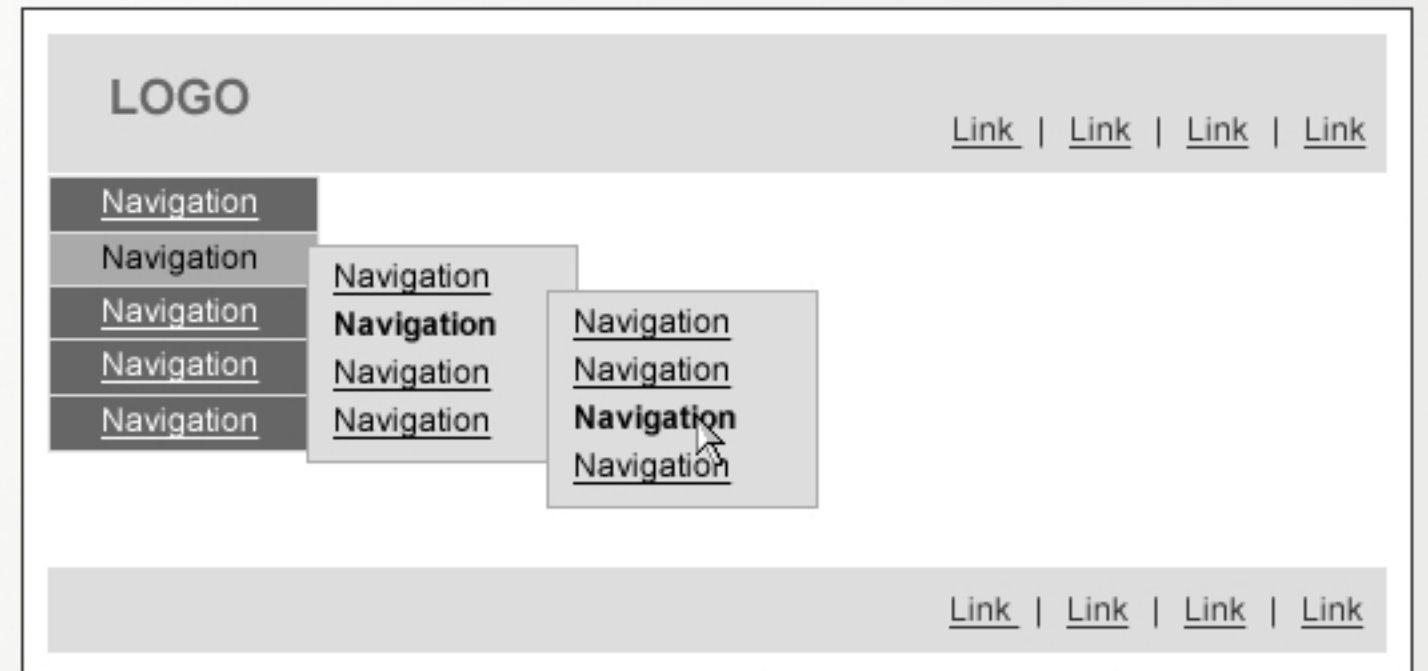
Search, filters, tags, and contextual links can all be used to find information.

Navigation Locations

Horizontal with Drop-Down



Vertical with Fly-Out



Navigation

Icons and labels are important signals for navigation.

Representational icons have clear meanings based on their similarity to familiar objects and actions.

Abstract icons typically require context and experience to learn their meanings. Some abstract icons have become standardized across a wide range of situations, while others are specific to a single use or location.

The Meaningfulness of Icons

Representational

Icons that resemble the objects or actions they are meant to represent.



Email looks like a letter.



To stick looks like a thumbtack.



Time looks like a clock.



To bookmark looks like a bookmark.



Audio looks like headphones.



Date looks like a calendar.



Security looks like a lock.



To zoom looks like a magnifying glass.

Abstract

Icons that do not resemble objects or actions and which must be learned.



RSS may resemble “transmit” but is now familiar.



Place indicator requires context to be understood.



Lightning bolt is arbitrary and requires context for meaning.



Sun? Multi-directional indicator?



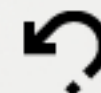
Eye-dropper may not be recognized out of context.



Abstract image requires context and experience to be understood.



Trash can may not be recognized out of context.



Undo? Back? Repeat? Meaning requires context and experience.

Summary

Design a navigation system that works for the visitor.

Use meaningful labels for the navigation, links, and buttons.

Reduce memory load by ensuring that the navigation and links are visible, findable, and informative.

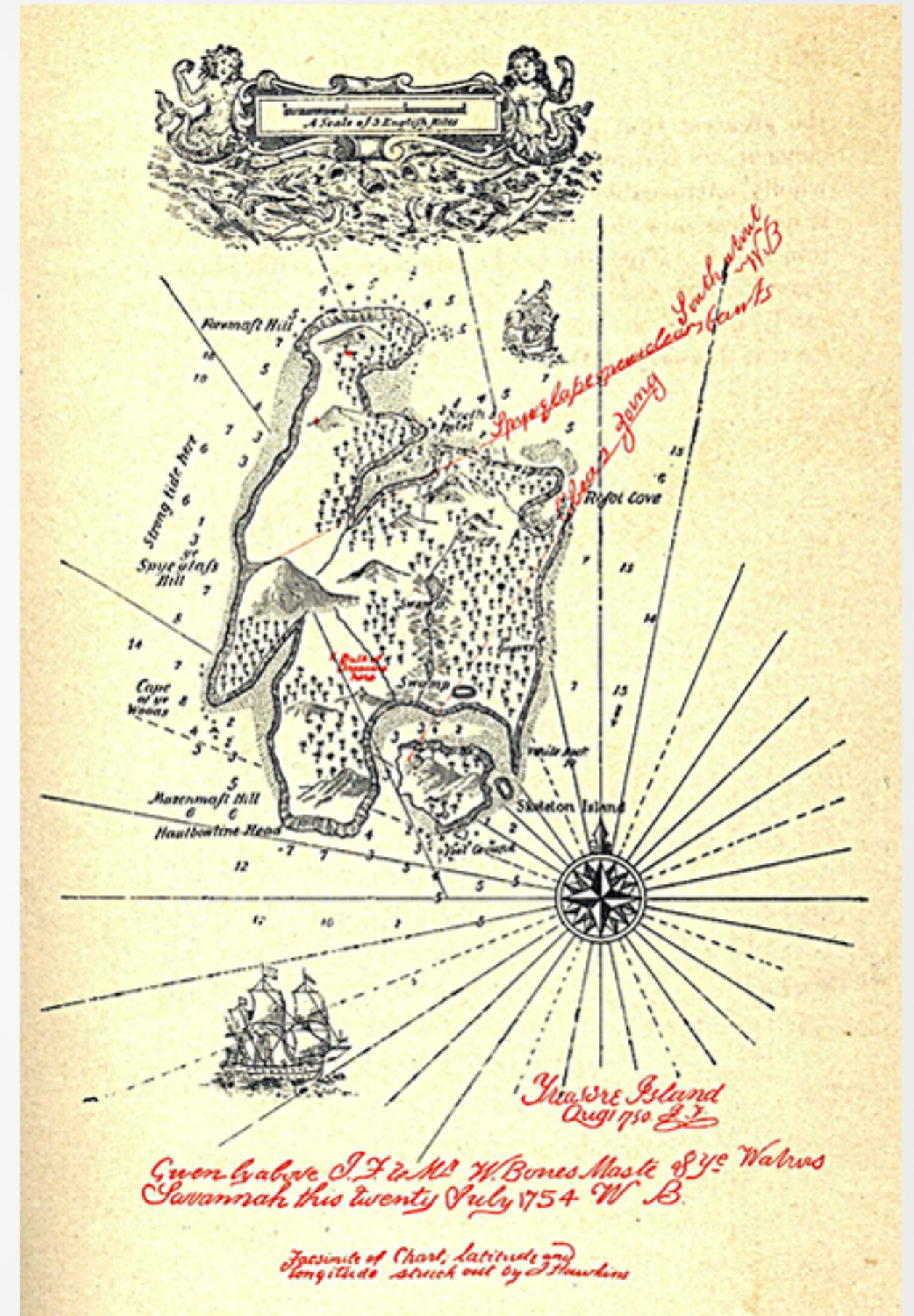
Reduce “cognitive friction” by ensuring that people do not need study and decode the navigation system.

Avoid the scavenger hunt.

The navigation system is not a treasure map - it should not be cryptic.

Provide content and functionality when needed, and do not force people to search for and chase the information and functionality they need.

Bring information and interactivity to the person when they need it.



Five Principles & Navigation

Consistency

Ensure consistency within the experience:

1. Use the same interactions and behaviors throughout.
2. Use the same visual indicators and styles throughout.
3. Maintain a logical structure and organization.

Visibility

Do not hide the navigation system (or important filters), and do not put it in unexpected places.

Learnability

Use meaningful and unambiguous labels that are easy to recognize and understand.

Predictability

Set correct expectations about where links or buttons will go.

Feedback

Use indicators and context to provide a sense of place.

Thank You

Five Essential Principles
of Interaction Design