



THE LEADER IN DRUPAL PLATFORM DESIGN AND DEVELOPMENT

OMEGA: DOWNLOAD TO LAYOUT IN 45 MINUTES

Welcome to Omega: Download to Layout in 45 minutes. If you're looking for the Twitter Bootstrap session, you're in the right place, but you forgot to change your clock last night.

My name is Joshua Turton, I'm a developer at Phase 2 Technology. My very first Drupal site was an upgrade of a hacked Drupal 4.7 site into Drupal 5. It was just as awful as you imagine. I'm amazed and excited by how far Drupal has come in the last few years.

(explain What session will cover)

Thanks for coming – Let's dig in!

THE DESIGN

Here's the situation: Client's come to you, contracts are signed, discovery is done, and design is beginning. Your designer tells you he's basing his design on 960gs, and then disappears into his designer rabbit hole for a few days, leaving you to wonder...

WHAT'S A GRID SYSTEM?

A grid system is a way of laying out html and css to have both flexibility and uniformity. But more than that, it's a design philosophy that embraces those same ideals.
The whole thing is founded on an interesting math fact...

960GS

960 is divisible by 2, 3, 4, 5, 6, 8, 10, 12, 15, 16, 20, 24, 30, 32, 40, 48, 60, 64, 80, 96, 120, 160, 192, 240, 320 and 480

The number Nine-hundred Sixty is divisible by 2, 3, 4, 5, 6, 8... well, all those numbers. It's a lot. That simple math fact means it's possible to create a unified layout using those numbers as column widths and quantities.

In theory, it would be possible to build a web site with 240 4-pixel-wide columns. A more likely scenario, of course, would be a web site with 4 240-pixel-wide columns.

960GS

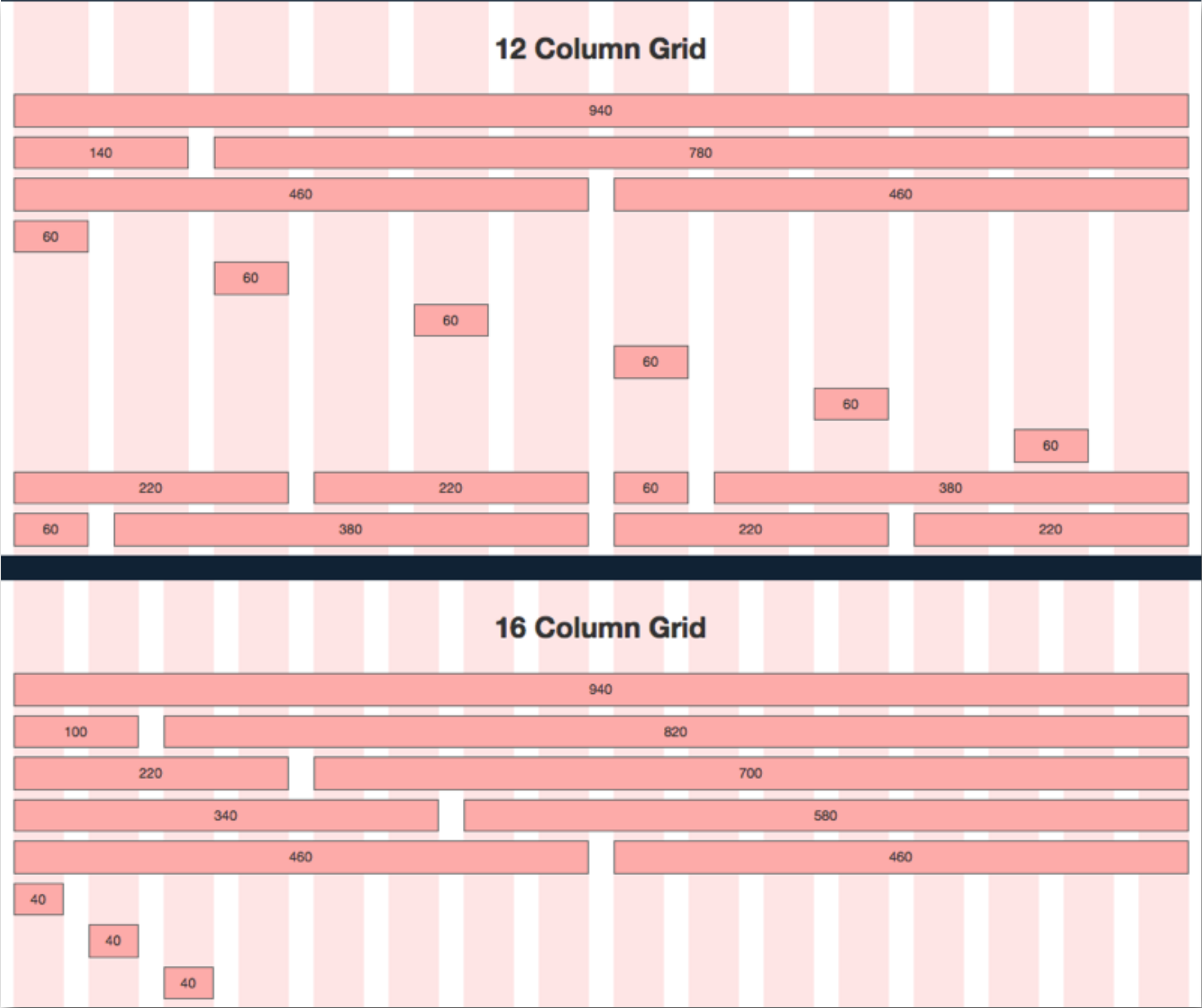
12 columns: each column is 60px; 20px gutter.

16 columns: each column is 40px; 20px gutter.

24 columns: each column is 30px; 10px gutter.

In practice, there's really two or three common combinations. *(read list)*

Don't think, though, that that's a limitation – because 960gs allows us to ADD some of those columns together in a wide variety of ways!



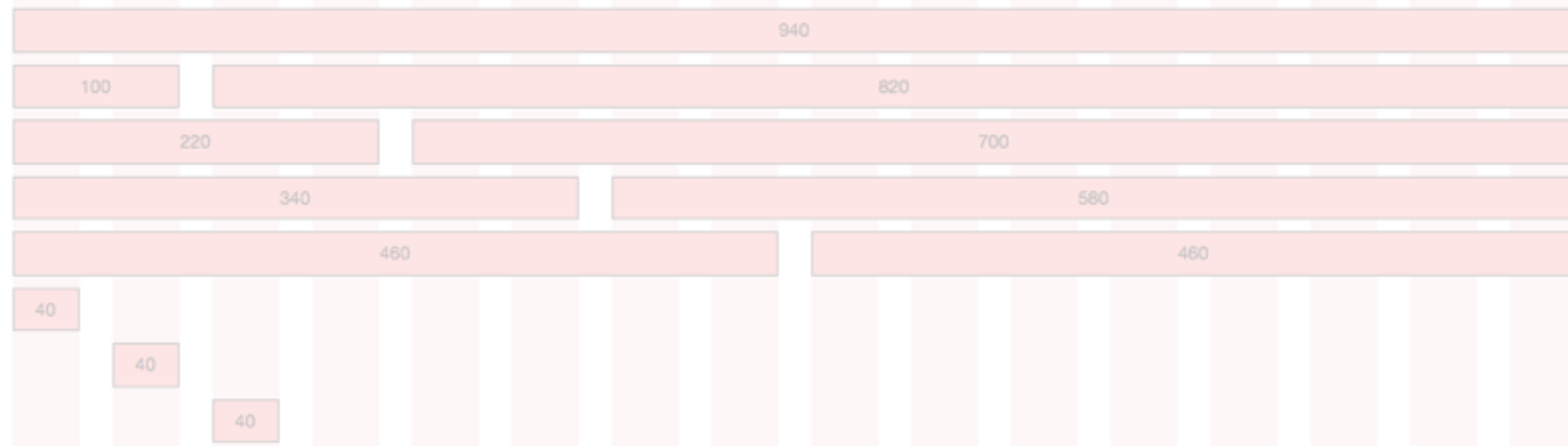
html from 960.gs/demo.html



Sunday, November 4, 12

Here are just a few of the many, many layout possibilities using the 960gs grid system. And you aren't confined to using only one set of those – your can layout one section of your page in one combination, and a second section in a different combination of columns.

12 Column Grid



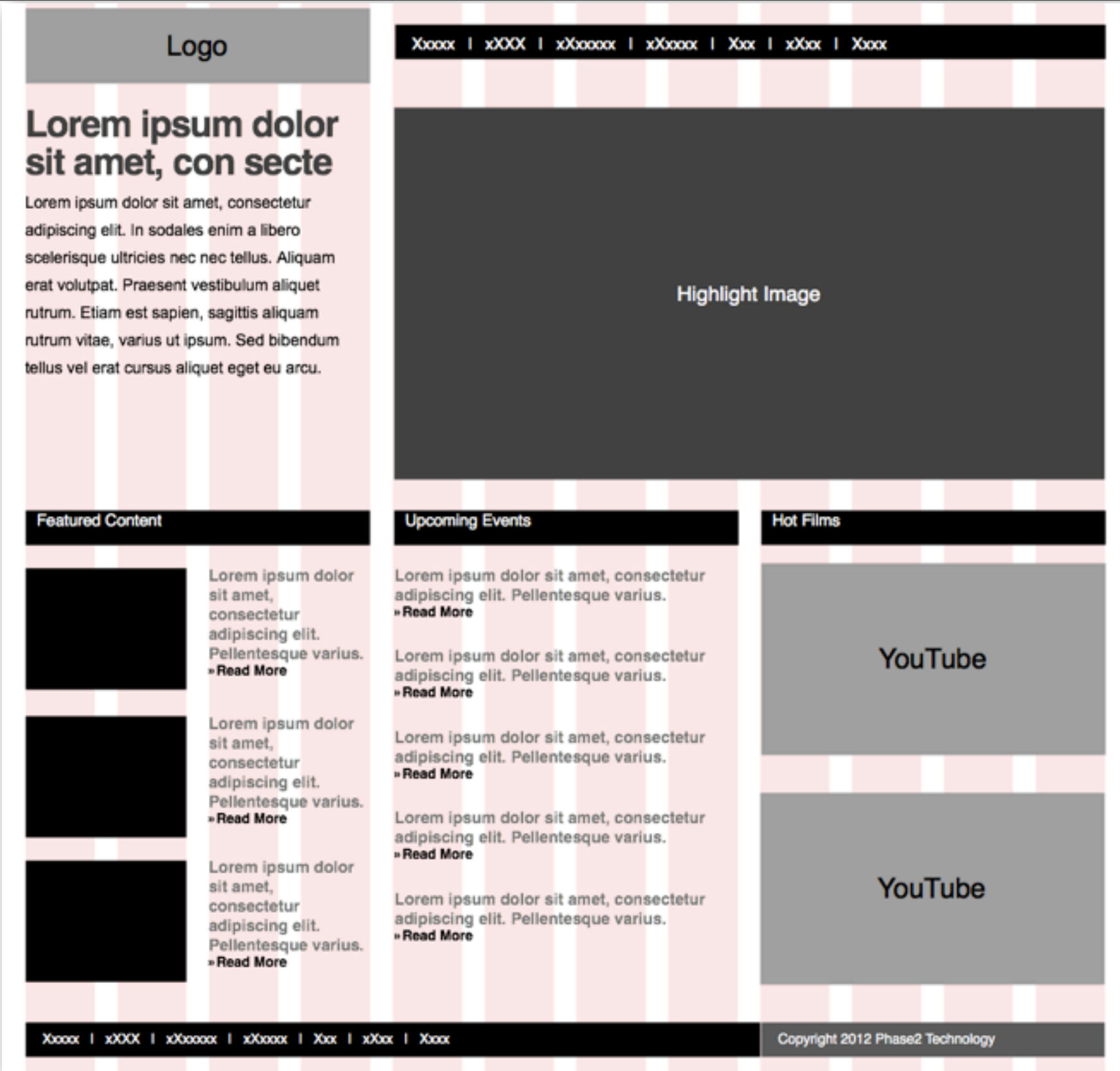
images from 960.gs/demo.html

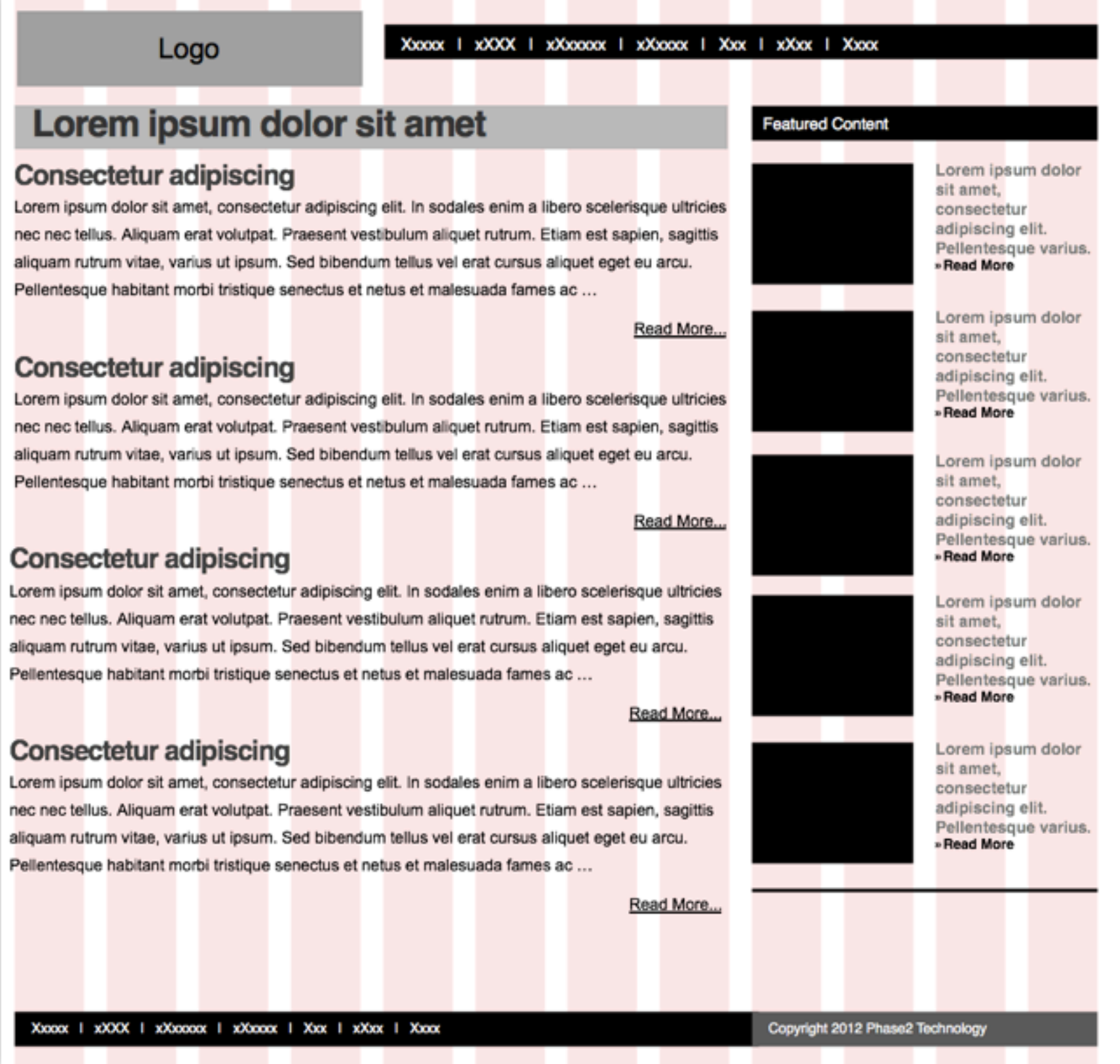
Here are some popular examples of 960gs-based sites: Sony Music, 4Kitchens, and Drupal.org.

It's important to note that 960gs is not the only grid system, but it's one of the more popular ones, and they all work basically the same way.

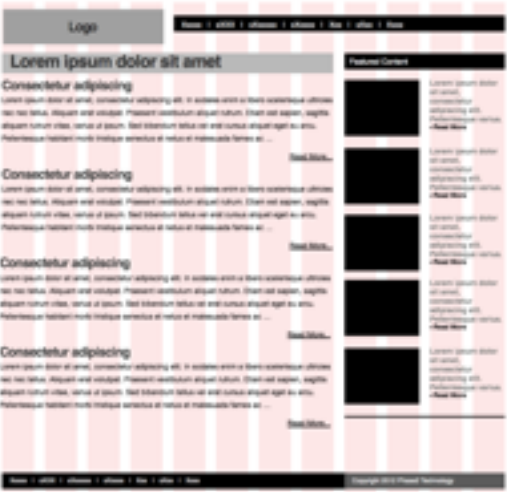
WIREFRAMES

So, while we've been pondering the complexities of the grid system, our designer has been busy working away on wireframes. Here's what he comes back with.





SECTION PAGE



CONTENT PAGE



SITE BUILD

While you are poring over these wireframes, your backend developer runs away with the Information Architecture and Site Spec documents, and comes back with a very, very raw dev site built on Drupal 7. It includes...

CONTENT TYPES

- **Homepage**
 - Title field
 - Body field
 - Highlight Image
 - Featured Content
 - Featured Videos
- **Article**
 - Title field
 - Body field
 - Highlight Image
 - Category Term
- **Event**
 - Title field
 - Body field
 - Date field

Three content types: 1) Homepage, with the addition of a Highlight image, Featured content reference, and featured video fields; 2) Article, with a Highlight image and a Taxonomy-driven category term; 3) and Event, with a date field. Additionally...

ADDITIONAL STUFF

Views

- Category List pages
- Calendar views
 - Month, day, year
 - Upcoming events block

SOLR integration


- Related Content block

Menus

- Main Menu
- Footer Menu

There's all this other stuff. Views for the category pages and calendar and upcoming events; SOLR search integration for the Related Content blocks; and Menus with important links all ready for you. She's also populated it with some demo content and a couple odds and ends like the copyright block.


Here's what the site looks like at this point:



Omega in 45 Minutes

My accountLog out

HomePoliticsTechnologyEntertainmentWeirdEvents



Navigation



- [Add content](#)
- [Calendar](#)

Omega - From Download to Layout in 45 Minutes

ViewEditManage displayDevel

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus dignissim posuere tortor, in viverra elit iaculis ut. Vivamus urna ante, elementum faucibus ultrices eget, hendrerit quis urna. Cras congue nisi non lorem congue lacinia. Proin rutrum rhoncus ligula ut convallis. Aliquam facilisis felis vitae ligula eleifend non gravida felis consequat. Etiam ut justo nec ante sodales eleifend.

Featured Content:
Dolore Pala
Consequat Lucidus Quis Usitas
Genitus Interdico Si

Featured Videos:
 [Statler and waldorf \(excellent\)](#)
 [Last Night on Earth - Gag Reel - TableTop ep. 15](#)

Powered by Drupal

THEMING

INSTALL SOME MODULES (AND OMEGA!)

- context & context_ui
- delta, delta_ui and delta_blocks
- cck_blocks
- omega_tools
- and, of course, the Omega base theme!

We start by installing the theming and layout modules. Here's a list of what I usually use. (Read list)

I'll explain the modules a little later, as we get to them. That does put a large question in front of us, though...

WHAT'S OMEGA?

And why should I use it?

What's Omega, and why should I use it?

Omega is a base theme. Base themes are themes that doesn't do much in the way of actual styling, but come with some level of layout functionality and configuration that makes theming sites easier.

Base themes can come with grid systems installed already, with configuration for layout, with template files and other niceties that make creating finished sites more simple.

Their one common factor is that they don't look like much out of the box, but they make the process of theming much more efficient and much less painful.

Omega

[View](#) [Version control](#) [Revisions](#)

Posted by [himerus](#) on *June 30, 2009 at 10:12am*

The **Omega Drupal 7 Base Theme** is a highly configurable **HTML5/960 grid** base theme that is 100% configurable. Each **zone** (group of regions) can be configured for content first layouts (push/pull classes), hidden at any time and each region can be disabled, resized, and placed easily any way you see fit.

Read More: [Informational Micro-Site](#)

Read More: [Omega Handbook](#)

Omega allows for **contextual layouts** (different layouts/settings for various portions of a site) through integration with **Delta** and the **Context** module.

When also using the **Omega Tools** module, you can quickly generate a subtheme of **Omega** using **Drush**.

Join us on [IRC](#) in the [#drupal-omega](#) channel.

Primary Features

- Fully Responsive Grid layouts based on [960.gs](#) standards.
- 12, 16, 24 Column Layouts built in.
- Performance enhancements, making Omega the best performing base theme to date.
- HTML5 and XHTML Starterkits
- Content first layouts with push/pull classes.
- Quickly disable groups of and individual regions and zones.
- Every region/zone size and placement configurable.
- Apply custom CSS classes to any region/zone.
- Enable/Disable CSS from both Omega, Drupal core and contributed modules.



Maintainers for Omega

[fubhy](#) – 350 commits
last: 1 week ago, first: 1 year ago

[himerus](#) – 409 commits
last: 29 weeks ago, first: 3 years ago

[View all committers](#)
[View commits](#)

Issues for Omega

To avoid duplicates, please search before submitting a new issue.

[Advanced search](#)

All issues
385 open, 1148 total

Bug reports
63 open, 343 total

[Subscribe via e-mail](#)
[Issue statistics](#)

Statistics (2 years)

New issues  6

Open bugs  62

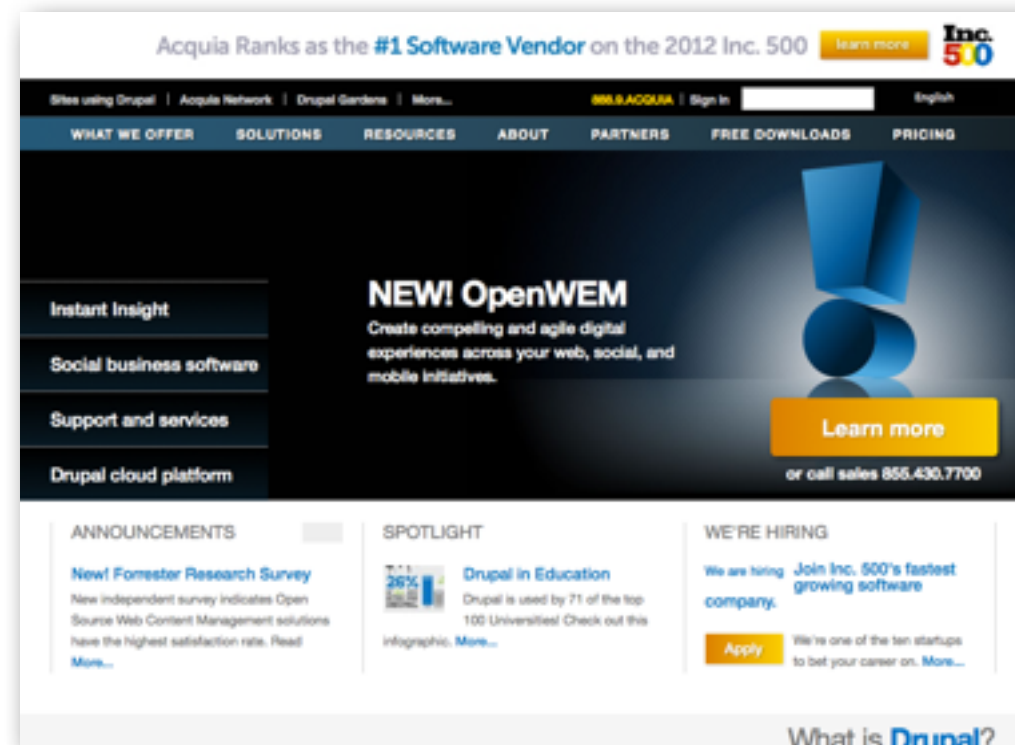
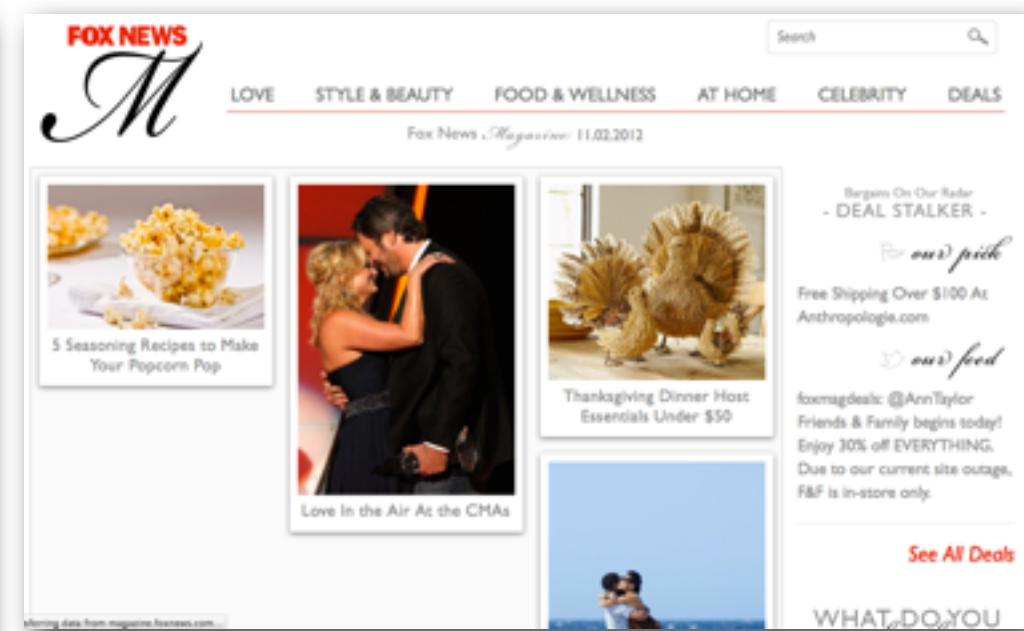
Participants  22

Resources

phase:II
TECHNOLOGY

Omega is a particularly powerful base theme, giving us an incredible amount of layout capability without the need for writing code. It was originally based on the 960gs grid, and has taken that concept a step further to allow for customized grid sizes and responsive displays.

It also has one of the highest adoption rates of any base theme in the Drupal world right now, sitting in the #2 slot behind old standby Zen.



Omega is driving some great Drupal sites right now – sites like Georgia.gov, Fox News lifestyle magazine, Amaze Labs, and Acquia.

#drupal-omega

(I'm srjosh in this channel)

Omega Theme Documentation Handbook

[View](#) [Edit](#) [Revisions](#)

*Last updated September 1, 2012. Created by [himerus](#) on June 5, 2010.
Edited by [banghouse](#), [starryyez024](#), [JohnNoc](#), [Cellar Door](#). You can [edit this page](#), too.*

WELCOME

You are currently viewing the Official [Omega](#) theme documentation handbook. The purpose of this handbook is to explain what Omega is, how it works and to outline established best practices for getting started with your own Omega Subtheme. Please start at the beginning as Omega's approach to theming is different than other themes. If you assume too much you may find complications in understanding how to use Omega.

*** The process by which this handbook is made ***

This handbook is a direct result of the Omega Documentation Team's consensus process for building better documentation. The process involves getting connected to the team via IRC and attending scheduled sprints in order to work collectively with the documentation team.

A sprint is an event where the documentation team meets to work simultaneously on a shared document in order to draft, edit and refine portions of text based on a previously agreed upon sprint topic. Each sprint results in a final draft that gets group consensus and is then transferred to the handbook by a designated person.

Anyone interested in contributing to the Omega Framework documentation is asked to connect to the team by joining [#drupal-omega](#) on IRC. There you will find a helpful group of regular support and documentation folks who will get you up to speed on the project's history, goals and working methods.

This is not to say that edits can't or shouldn't be made by anyone. Anyone is welcome to edit the docs. But before you do we ask that you be aware of and considerate of the time and effort that has gone into building this handbook by a handful of dedicated volunteers.

The documentation team's intent is to focus all documentation efforts toward creating the most logically laid out, coherent and thorough documentation possible. It is our belief that this is best accomplished by group consensus. We hope you will agree and will want to join in to contribute. If you are interested in getting involved with the Omega Framework project documentation please

Page status

No known problems

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About this page

Drupal version
Drupal 7.x

Audience
Designers/themers

Keywords
Mobile , Responsive ,
Responsive Design , theme

Theming Guide

- ▶ [About theming](#)
- ▶ [Theming Drupal 6 and 7](#)
- ▶ [Theming Drupal 5](#)
- ▶ [Tools, best practices and conventions](#)
- ▶ [Updating a theme to a new version](#)
- ▶ [More theming resources and guides](#)
- ▶ [Theme HowTos](#)
- ▶ [Theme snippets](#)
- ▶ [Core themes](#)
- ▼ [Contributed themes](#)
 - ▶ [Types of Contributed Themes](#)
 - ▶ [Arcadia Marina](#)

WHAT'S OMEGA?



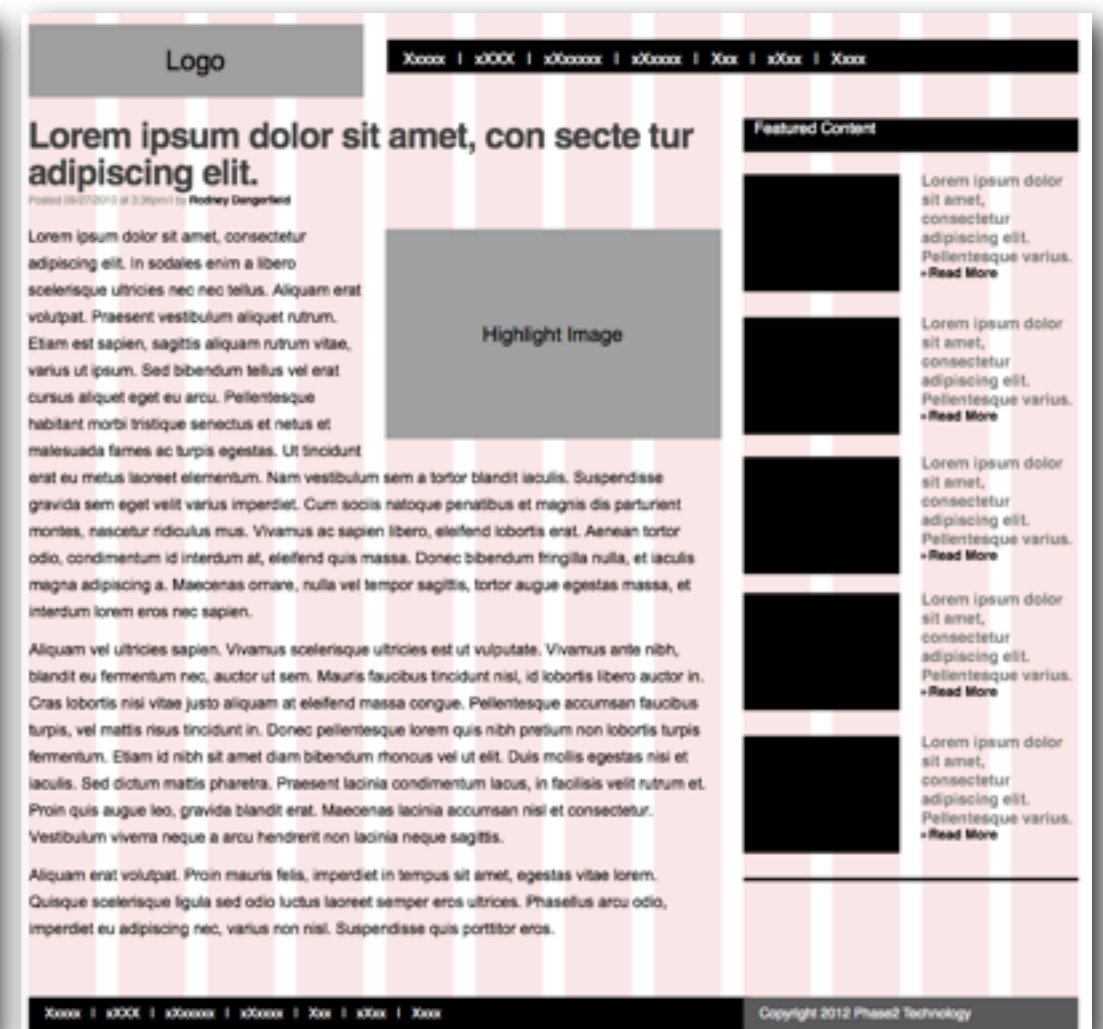
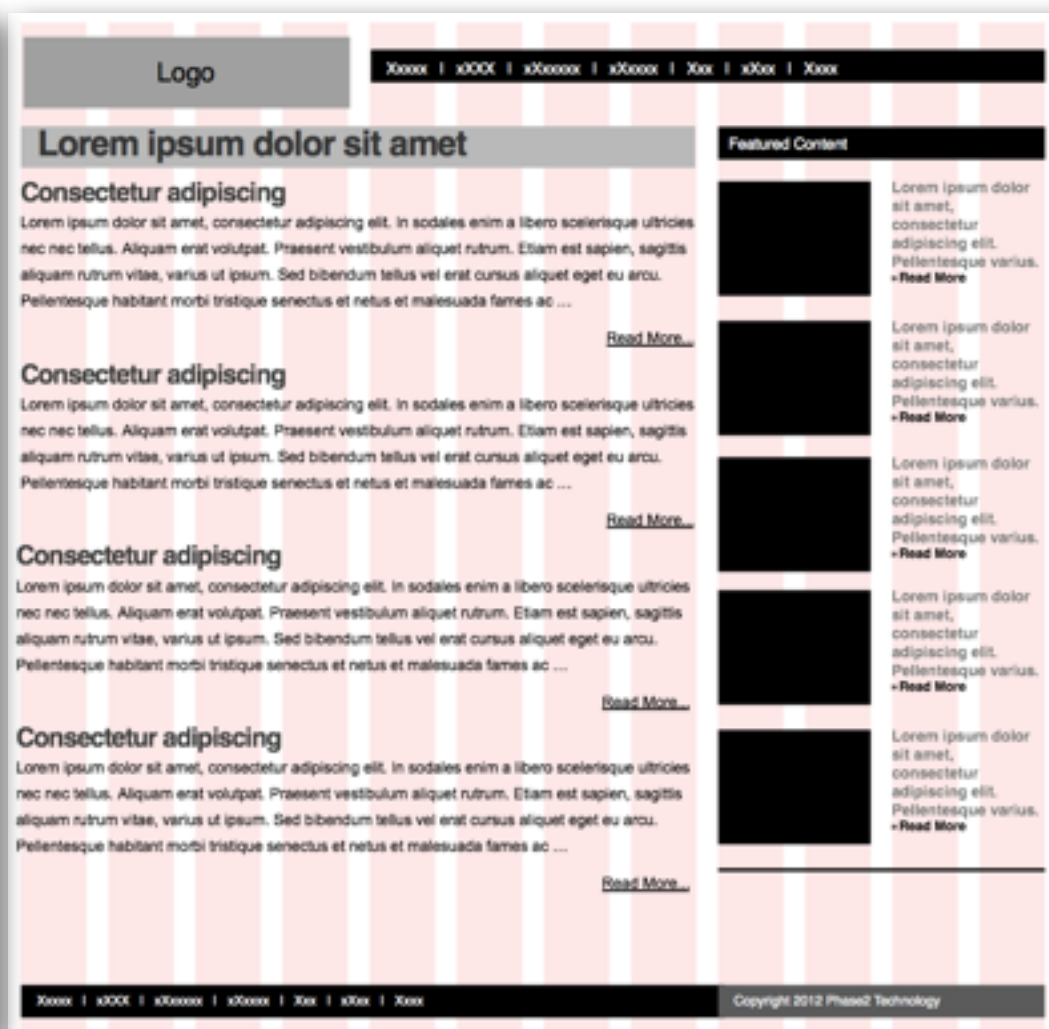
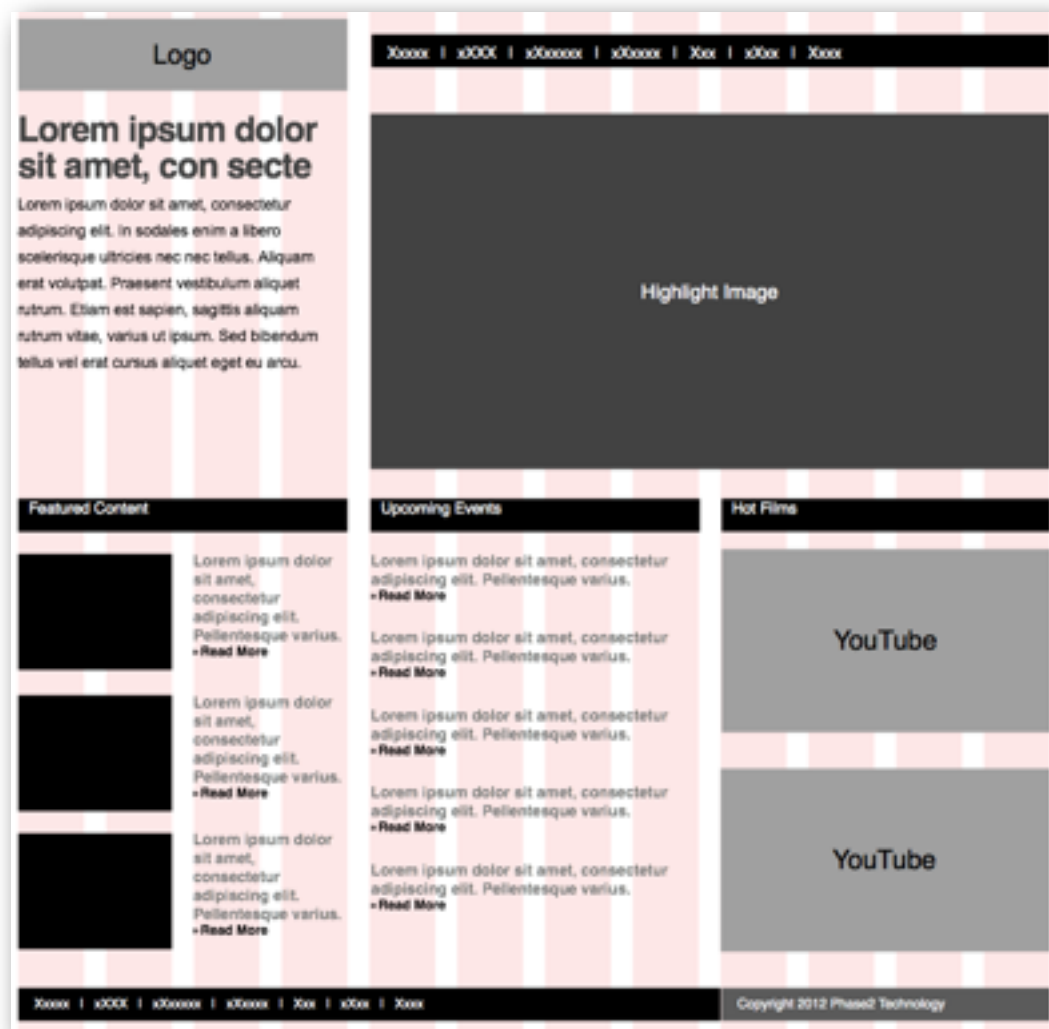
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Finally, it has one of the more active IRC channels acting as a support community, at [#drupal-omega](#). I'm usually there during the days as srjosh. Many of the other regulars are also contributors or involved in the ongoing documentation efforts.

HOMEPAGE

SECTION PAGE

CONTENT PAGE



ANALYZE YOUR DESIGNS



Once we've gotten the modules and base theme installed, we can begin to analyze the wireframes.

I like to start with image styles, because they are frequently used by other display modules for configuration, so you may as well get them done first.

HOMEPAGE

SECTION PAGE

CONTENT PAGE

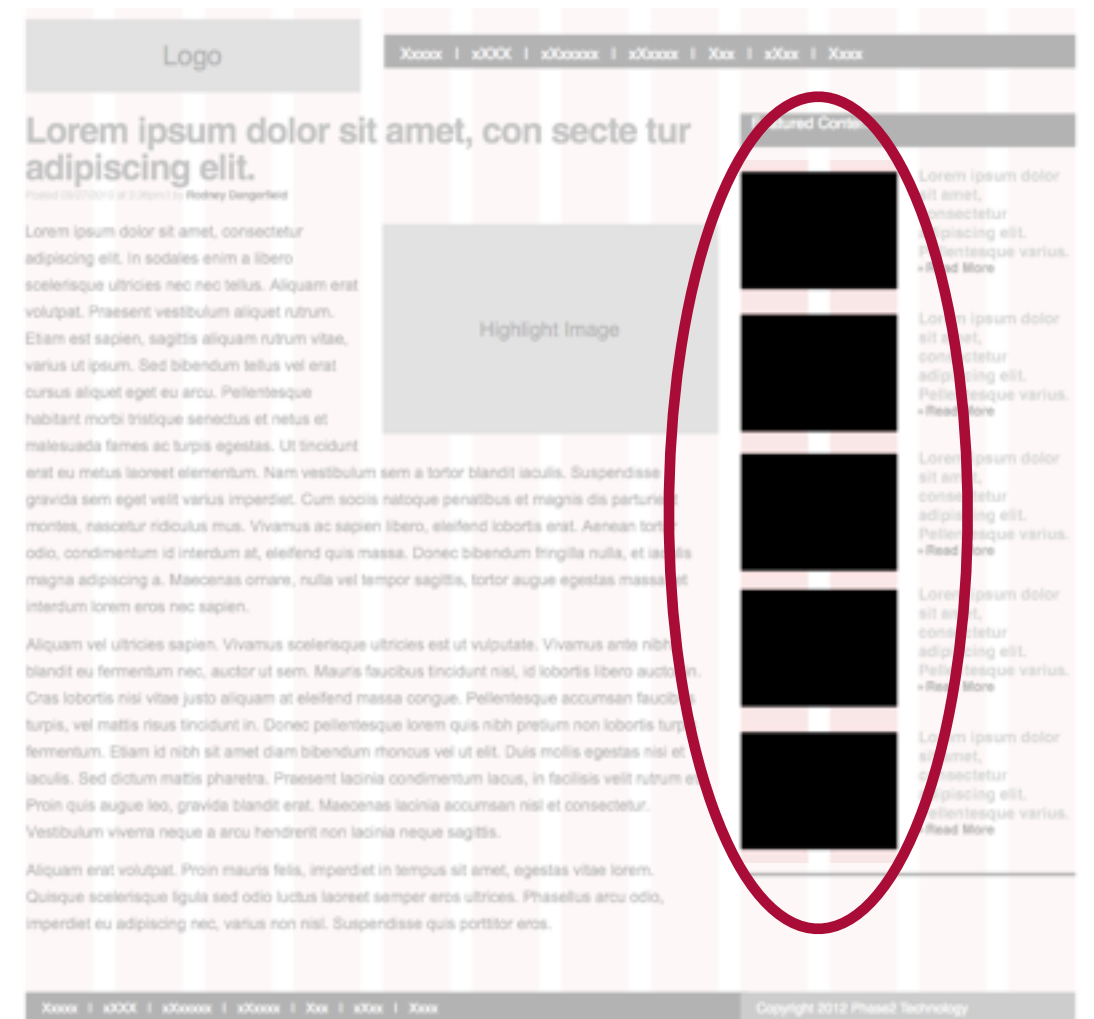
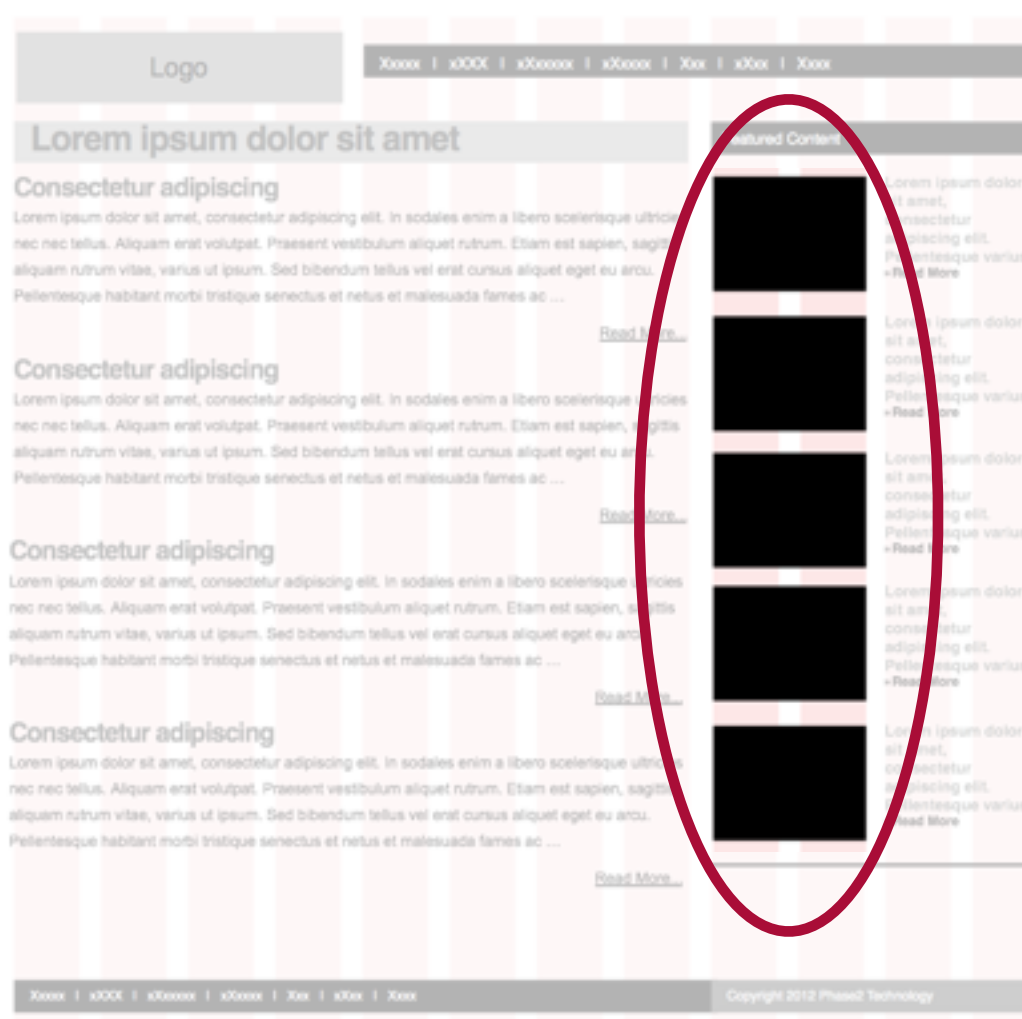
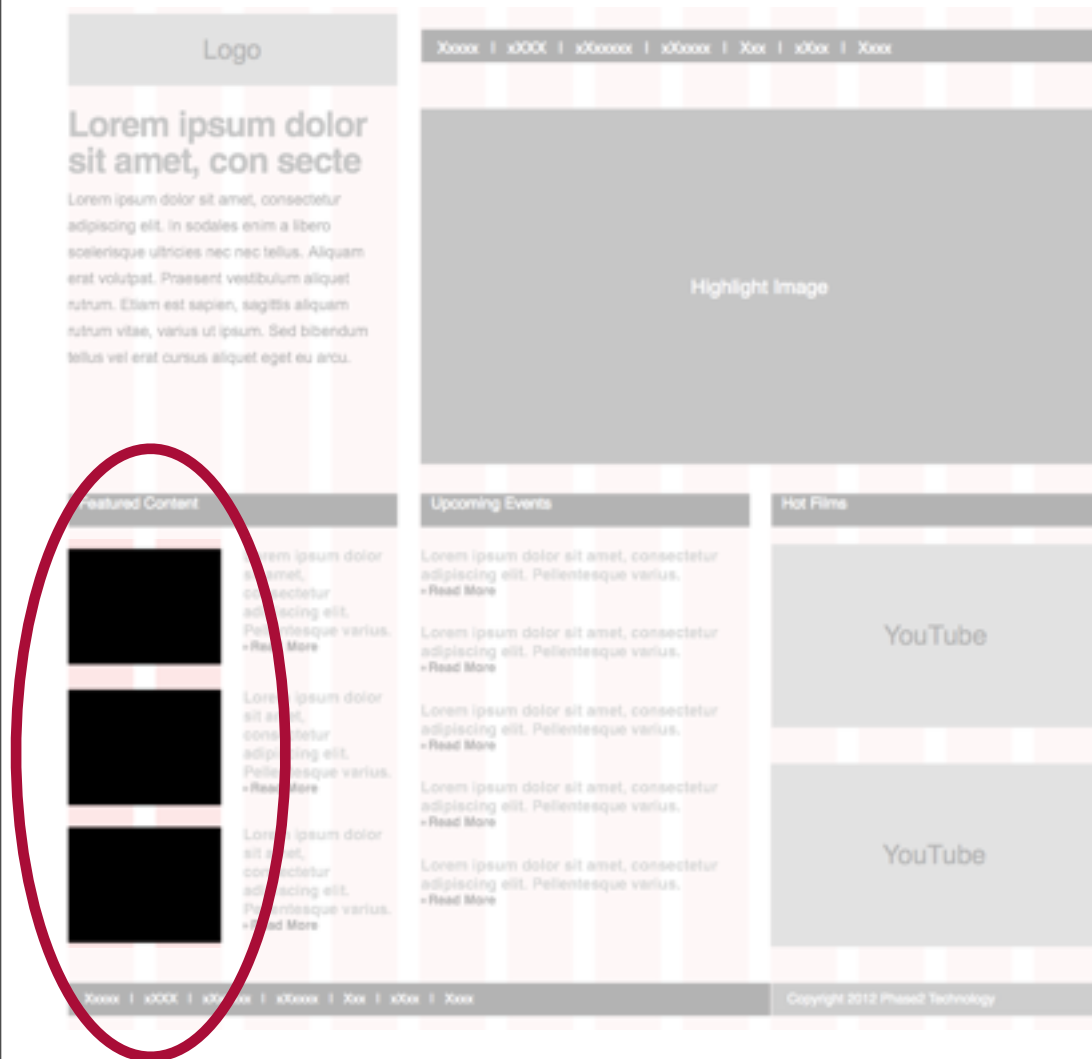


IMAGE STYLES



Here we see one of the most commonly used on this site:
Featured / Related Content block images, at 140x100px

HOMEPAGE

SECTION PAGE

CONTENT PAGE

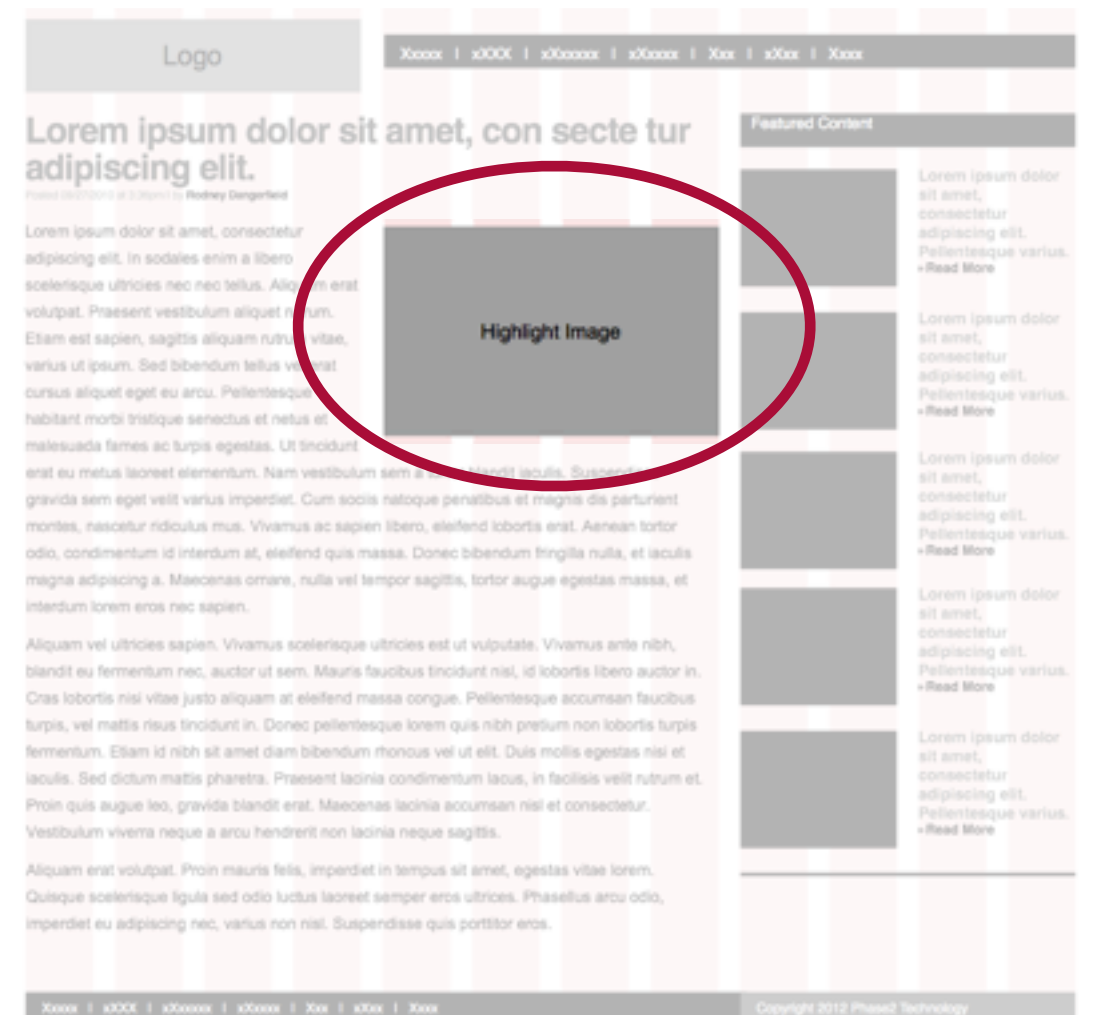
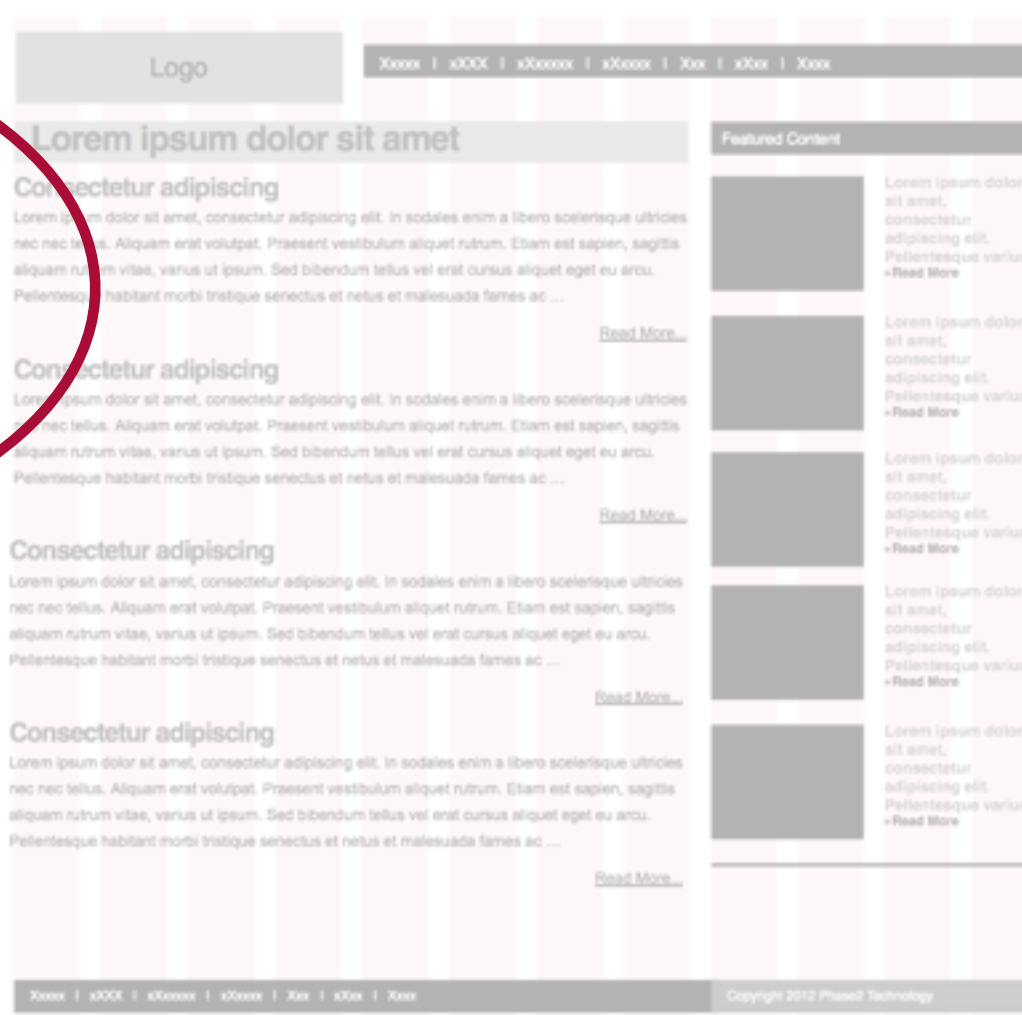
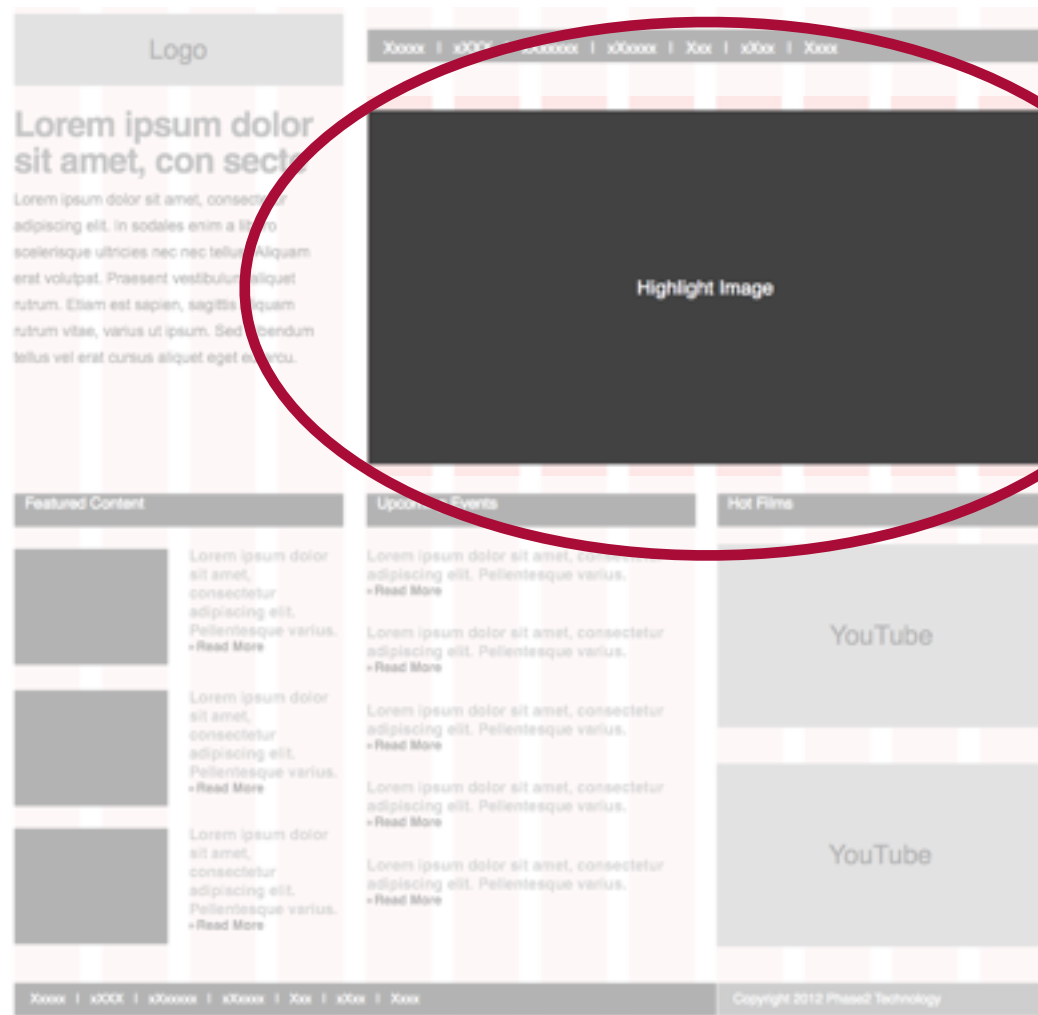


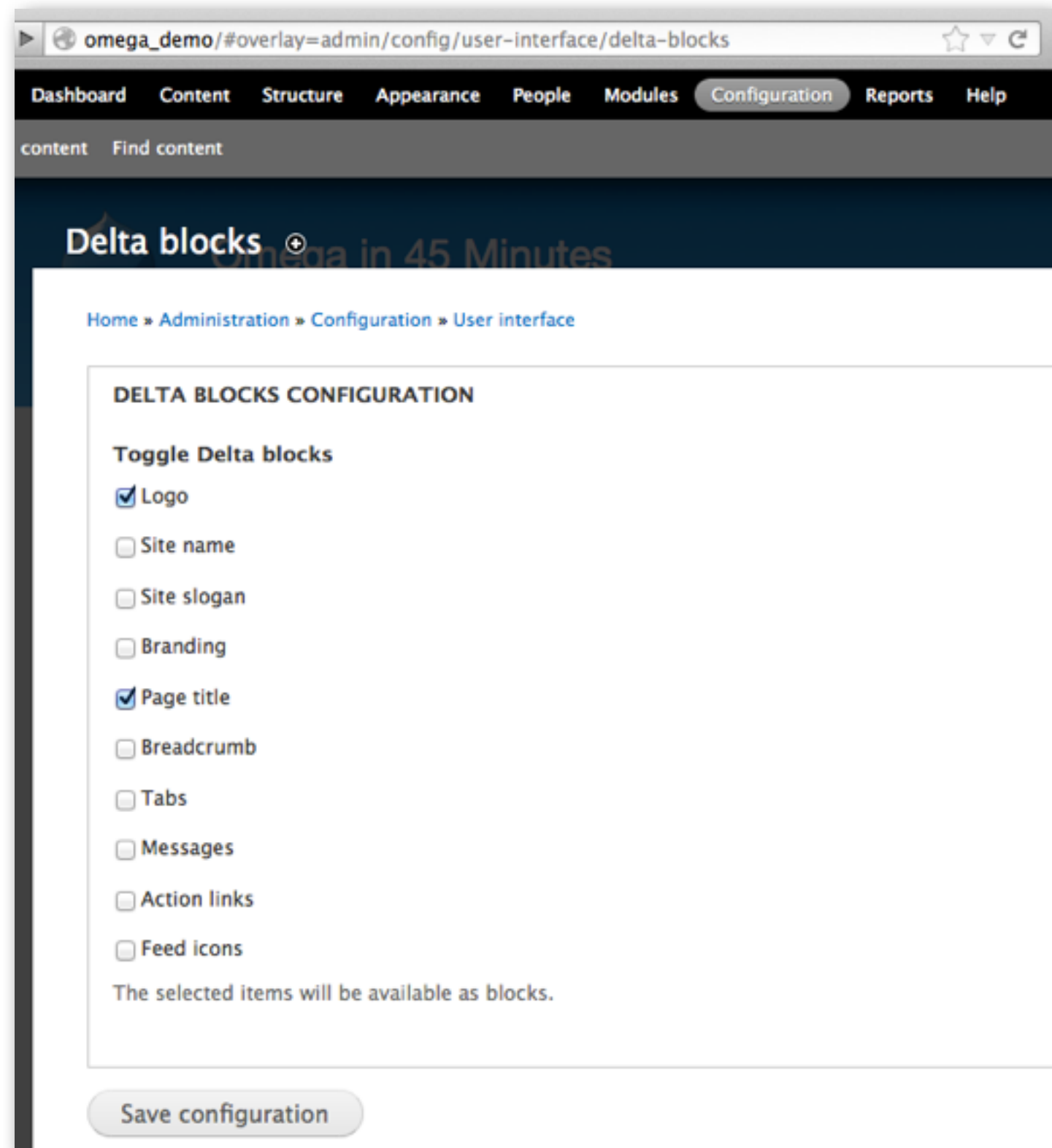
IMAGE STYLES



Homepage Highlight, at 620x440
and
Content Highlight, at 300x215

It's important to note that these widths are governed by the grid! In a 960gs 12-column layout, each of the pink columns is 60px; the gutters are 20px.

/admin/config/user-interface/delta-blocks

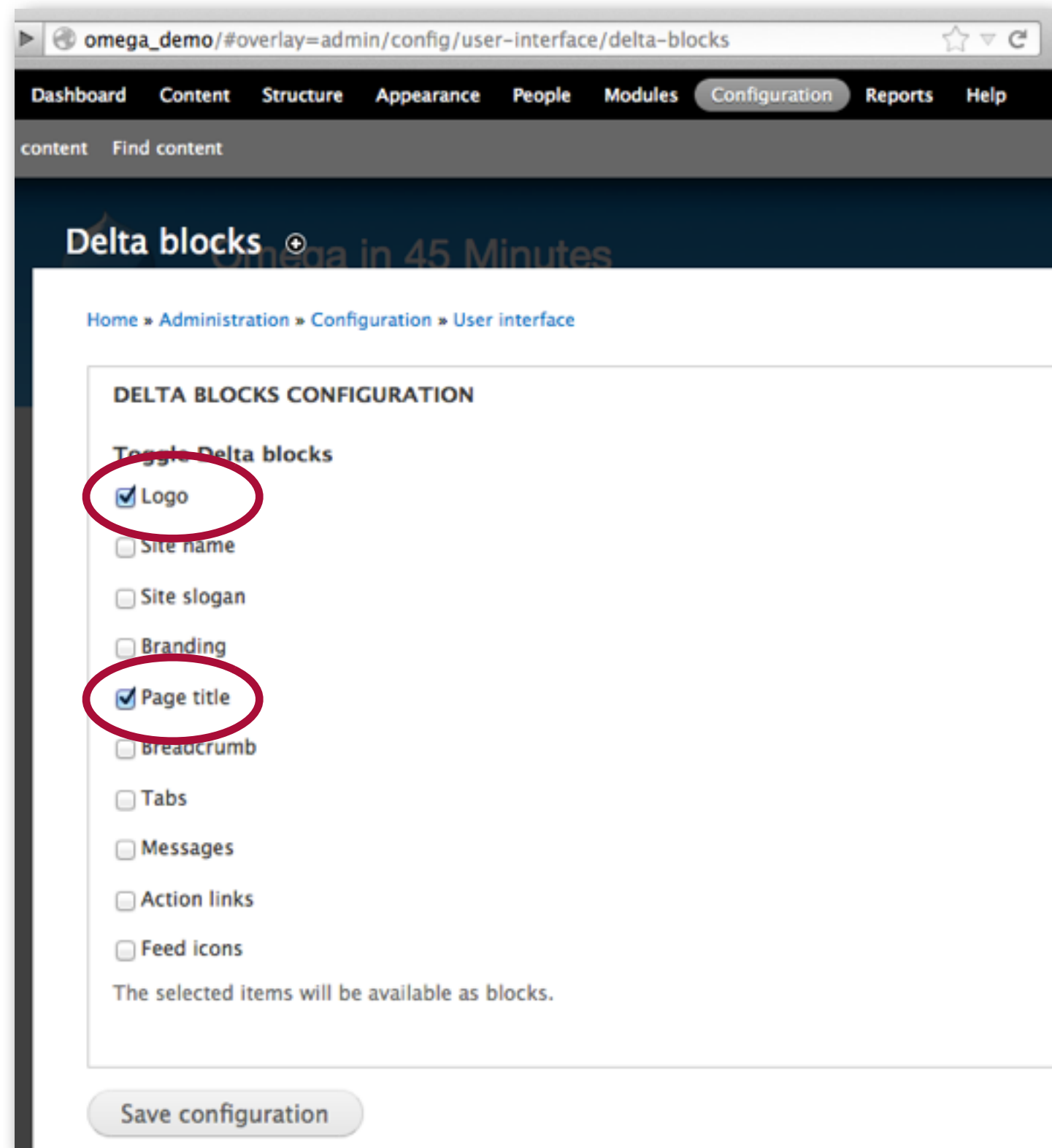


DELTA BLOCKS

phase://
TECHNOLOGY

Next, we'll use delta_blocks module to enable some key template variables as blocks – this gives us the ability to place them with much more granularity. In this case...

/admin/config/user-interface/delta-blocks



DELTA BLOCKS

phase:II
TECHNOLOGY

...logo and page title are important, as they are the only ones of these really appearing in the wireframes.

OMEGA SUB-THEME

OK – now that we’ve laid some ground work, it’s time to actually create an Omega Sub theme.

/admin/appearance

Appearance


LISTDELTA

Home » Administration

Set and configure the default theme for your website. Alternative themes are available.

[+ Install new theme](#) [+ Create new Omega subtheme](#)

ENABLED THEMES



Bartik 7.16 (default theme)

A flexible, recolorable theme with many regions.

[Settings](#) | [Download](#)

OMEGA TOOLS

phase://
TECHNOLOGY

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This link, on the Admin/Appearance page, is provided by omega_tools module, and allows us to easily create a new sub-theme without all that tedious mucking around in the file system.



/admin/appearance/omega-tools/add

Appearance

LISTDELTAUPDATESETTINGS

HomeAdministrationAppearance

THEME INFORMATION

Name

Epsilon

Machine name: epsilon

The human-readable name for this theme.

Install automatically

Please select whether you want to install this theme manually or if it should be automatically placed in the selected destination. This feature requires you to have write permission for the selected destination.

Destination

Default destination (all)

The theme will be placed in the path selected here.

Base theme

Omega

The base theme for this theme.

Starterkit

Proceed without using a starterkit

This is not recommended.

Omega HTML5 Starterkit

Default starterkit for Omega. You should not directly edit this starterkit, but make your own copy. Information on this can be found in the Omega Documentation

Omega XHTML Starter Kit

Default XHTML starterkit for Omega. You should not directly edit this starterkit, but make your own copy. Information on this can be found in the Omega Documentation.

Starterkits simplify the process of creating new subthemes by providing a set of pre-defined files and settings. Choose wisely!

OMEGA TOOLS

phase:ll
TECHNOLOGY



/admin/appearance/omega-tools/add

OMEGA TOOLS

Appearance

Omega in 45 Minutes

[Home](#) » [Administration](#) » [Appearance](#)

THEME INFORMATION

Name

Epsilon

Machine name: epsilon [\[Edit\]](#)


The human-readable name for this theme.



Install automatically

Please select whether you want to install this theme manually or if it requires you to have write permission for the selected destination.

Destination

Default destination (all) 

The theme will be placed in the path selected here.

Base theme

Omega 

phase://
TECHNOLOGY

I've called this one Epsilon, to keep with the Greek naming motif.



/admin/appearance/omega-tools/add

The theme will be placed in the path selected here.

Base theme

Omega

The base theme for this theme.

Starterkit

☐ Proceed without using a starterkit

This is not recommended.

☒ Omega HTML5 Starterkit

Default starterkit for [Omega](#). You should not directly edit this starterkit, [Documentation](#)

☐ Omega XHTML Starter Kit

Default XHTML starterkit for [Omega](#). You should not directly edit this starterkit, [Omega Documentation](#).

Starterkits simplify the process of creating new subthemes by providing

OMEGA TOOLS

phase://
TECHNOLOGY

Then choose a starterkit. Starterkits gives you default tpl files and layout. I recommend HTML5. Save and...



Configure subtheme 15 Minutes

Home

✓ You have successfully created the theme *Epsilon*.

Step 1: Theme information » Step 2: Finalize

THEME INFORMATION

Name *

Epsilon

The human-readable name for this theme.

Description

The description that will be shown on the theme listing page.

Version

1.x

The version of this theme.

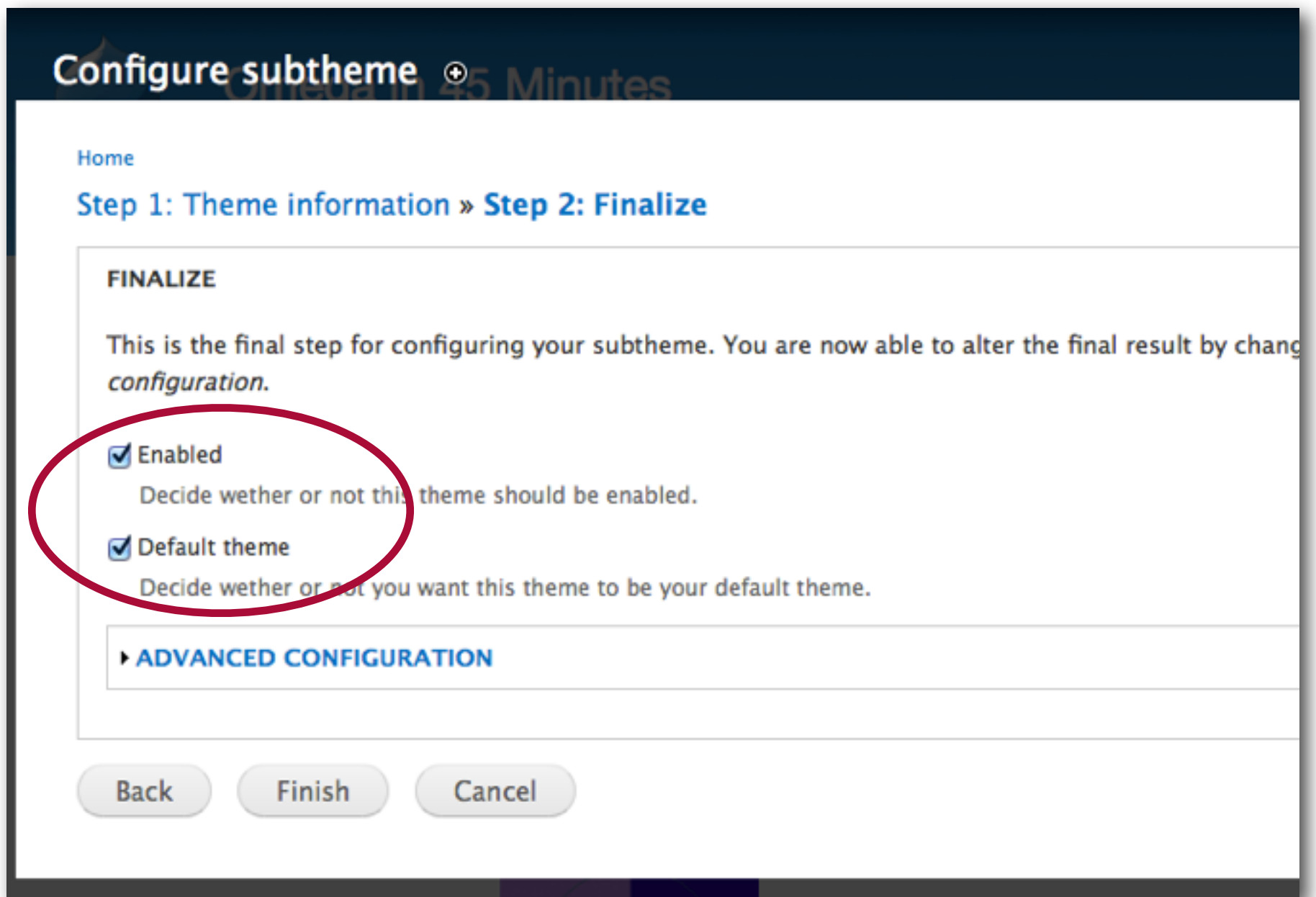
Continue Finish Cancel

OMEGA TOOLS

phase:II
TECHNOLOGY

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Your theme is created!
There's a few more steps – confirm your sub-theme information, then...

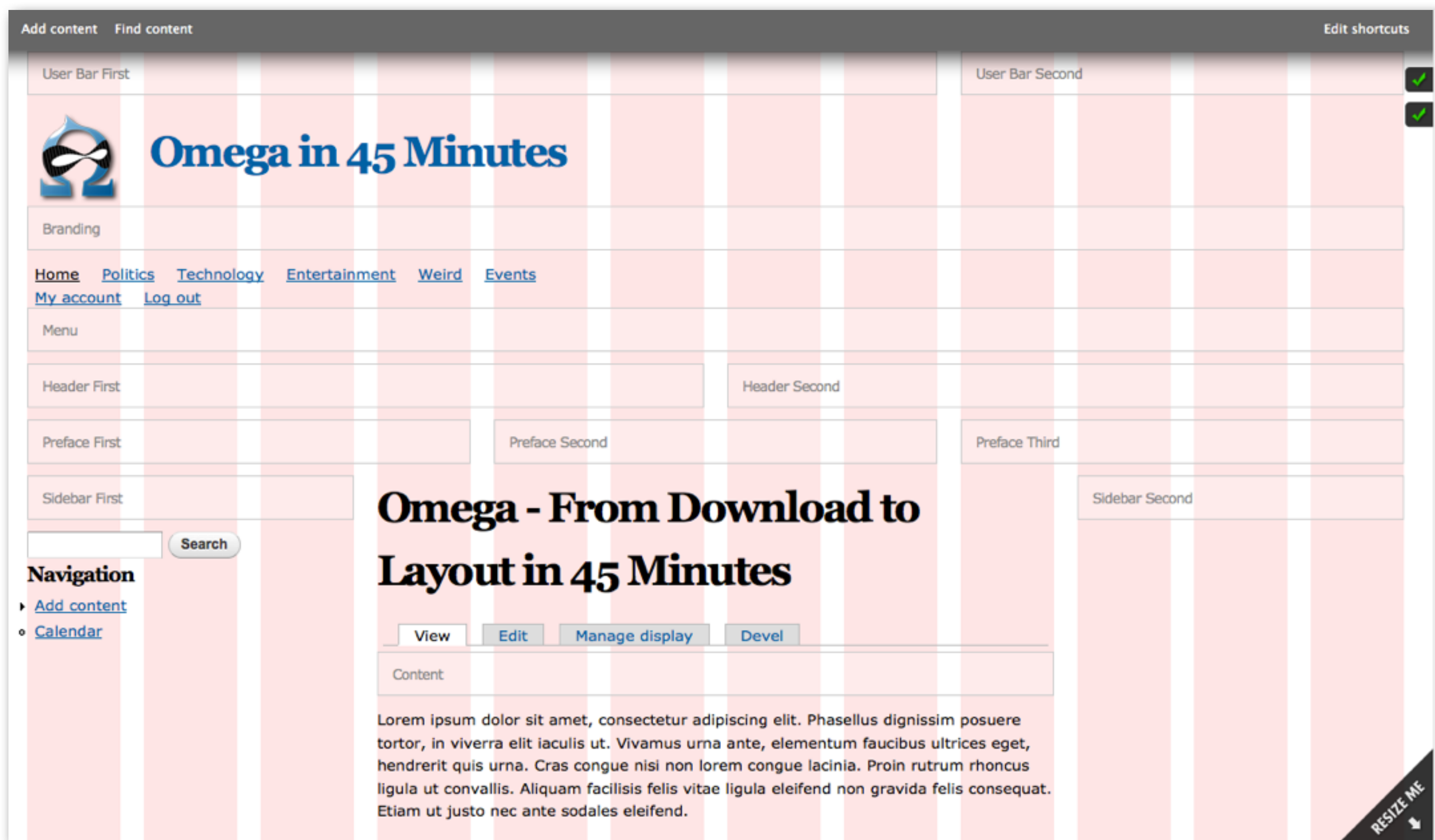




OMEGA TOOLS

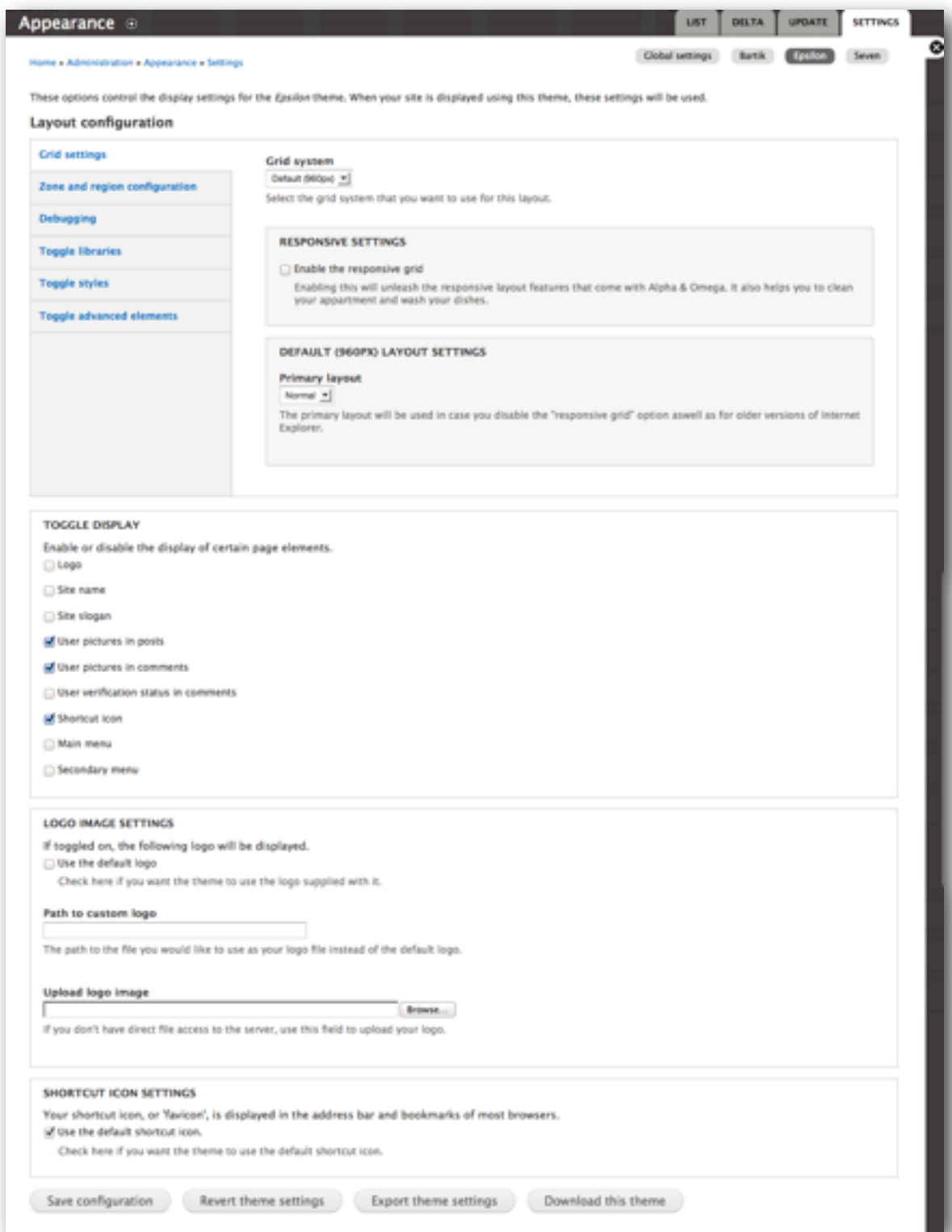
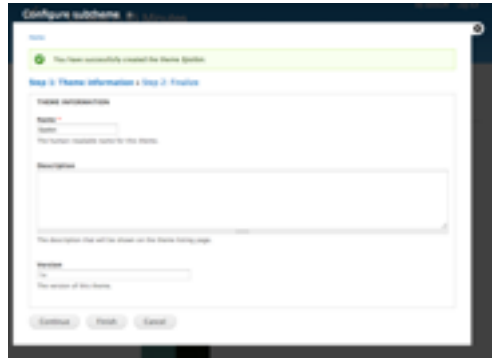
phase://
TECHNOLOGY

Sunday, November 4, 12
Congratulations! You now have an Omega Sub-Theme! And...



This is what it looks like.
It's a grid... but of course, nothing is where it should be. That's next.

Please note that the pink stripes and the blocks appearing all over the place are debugging tools provided by Omega; you have control over them and who can see them in the Omega configuration.

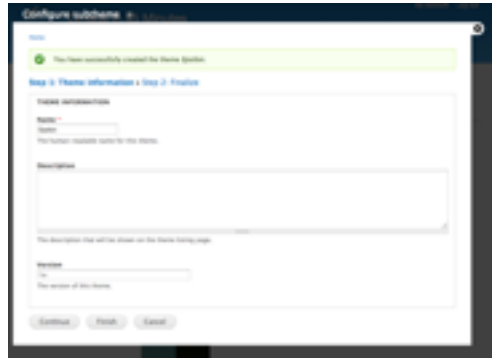


/admin/appearance/settings/epsilon

Grid Settings tab

OMEGA THEME SETTINGS





/admin/appearance/settings/epsilon

Grid Settings tab

OMEGA THEME SETTINGS

Appearance

Home » Administration » Appearance » Settings

These options control the display settings for the *Epsilon* theme. When your site is displayed using this theme,

Layout configuration

Grid settings

Zone and region configuration

Debugging

Toggle libraries

Toggle styles

Toggle advanced elements

Grid system

Default (960px)

Select the grid system that you want to use for this layout.

RESPONSIVE SETTINGS

☐ Enable the responsive grid

Enabling this will unleash the responsive layout features to your apartment and wash your dishes.

DEFAULT (960PX) LAYOUT SETTINGS

Primary layout

Normal

The primary layout will be used in case you disable the "responsive" layout.

TOGGLE DISPLAY

Enable or disable the display of certain page elements.

phase:II

TECHNOLOGY

We start by turning off responsive grid – though Omega’s responsive functionality is incredible, it’s outside the scope of this talk. I’d be happy to discuss it with you ad naseum afterwards, though, so feel free to come talk to me after, or corner me at Phase2’s booth later.



/admin/appearance/settings/epsilon

Grid Settings tab

OMEGA THEME SETTINGS

TOGGLE DISPLAY

Enable or disable the display of certain page elements.

- ☐ Logo
- ☐ Site name
- ☐ Site slogan
- ☒ User pictures in posts
- ☒ User pictures in comments
- ☐ User verification status in comments
- ☒ Shortcut icon
- ☐ Main menu
- ☐ Secondary menu

LOGO IMAGE SETTINGS

If toggled on, the following logo will be displayed.

- ☐ Use the default logo
Check here if you want the theme to use the logo supplied with it.

Path to custom logo

The path to the file you would like to use as your logo file instead of the default logo.

Upload logo image

Browse...



Next, we toggle off some of the site elements – do you remember the page elements we added using delta_blocks to use as overrides? Well, here’s some of the stuff we’re overriding. In this case, I turn off logo, site name, site slogan, user verification status in comments, and the menus. The menus and logo we will place with blocks, later. The rest of the stuff is not called for in the designs.



/admin/appearance/settings/epsilon

Grid Settings tab

OMEGA THEME SETTINGS



☐ Secondary menu

LOGO IMAGE SETTINGS

If toggled on, the following logo will be displayed.

☐ Use the default logo

Check here if you want the theme to use the logo supplied with it.

Path to custom logo

The path to the file you would like to use as your logo file instead of the default logo.

Upload logo image

Browse...

If you don't have direct file access to the server, use this field to upload your logo.

SHORTCUT ICON SETTINGS

Your shortcut icon, or 'favicon', is displayed in the address bar and bookmarks of most browsers.

☒ Use the default shortcut icon.

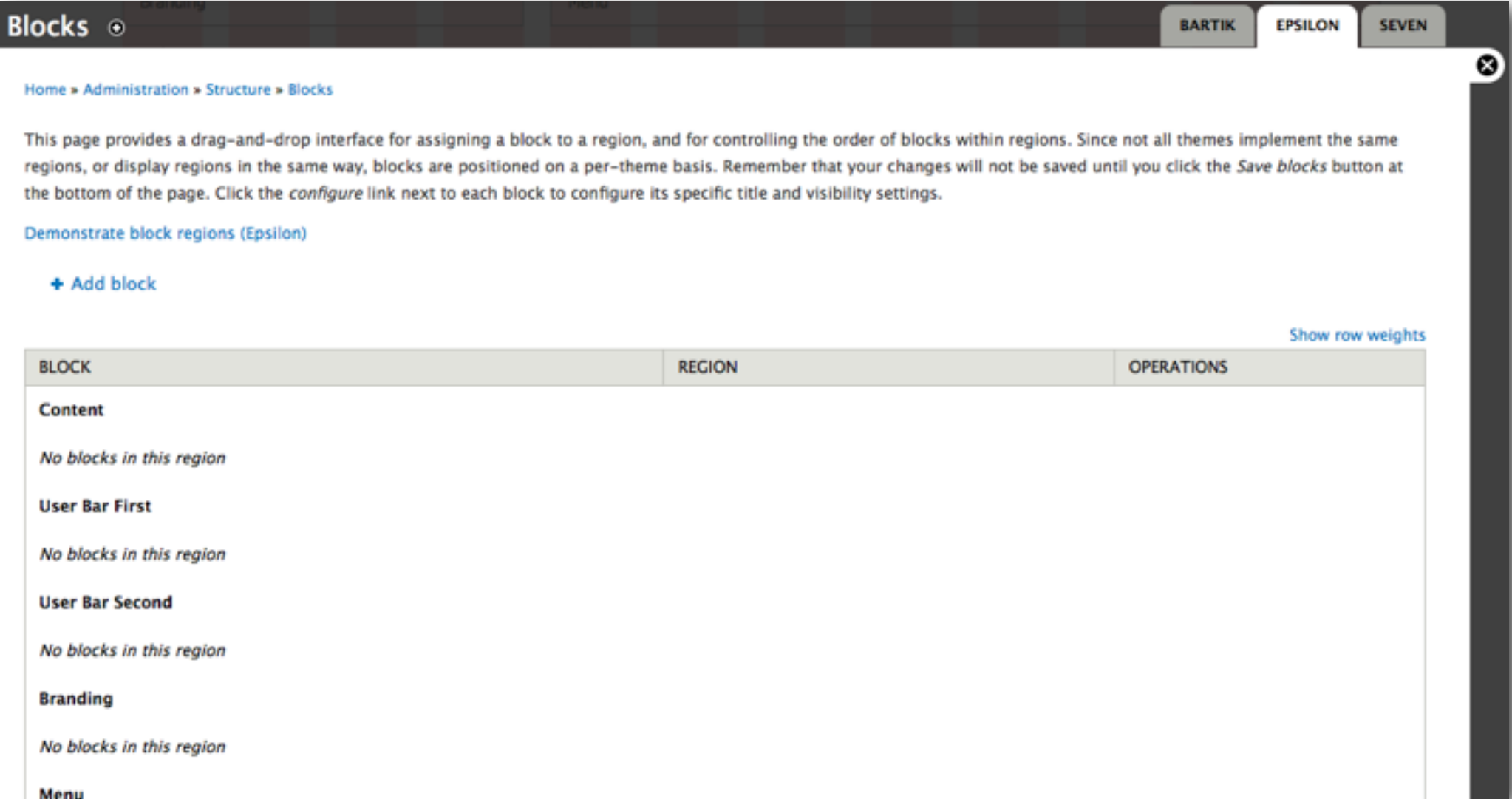
Check here if you want the theme to use the default shortcut icon.

Save configuration

Revert theme settings

Export theme settings

Down



/admin/structure/block/list/epsilon

OMEGA THEME SETTINGS



While we’re doing overrides and turning things off, go to the blocks admin page and turn off the default blocks on the Epsilon theme page. We’ll reset them later with Context.

SECTIONS, ZONES & REGIONS

The next step is Zone and Region Configuration, which requires a bit of explanation. Regions should be familiar to us from block admin – that’s been around for a couple Drupal versions. Regions are where you put your content and blocks. But what are Zones and Sections?

Section

Zone

Region

Region

Zone

Region

Region

Region

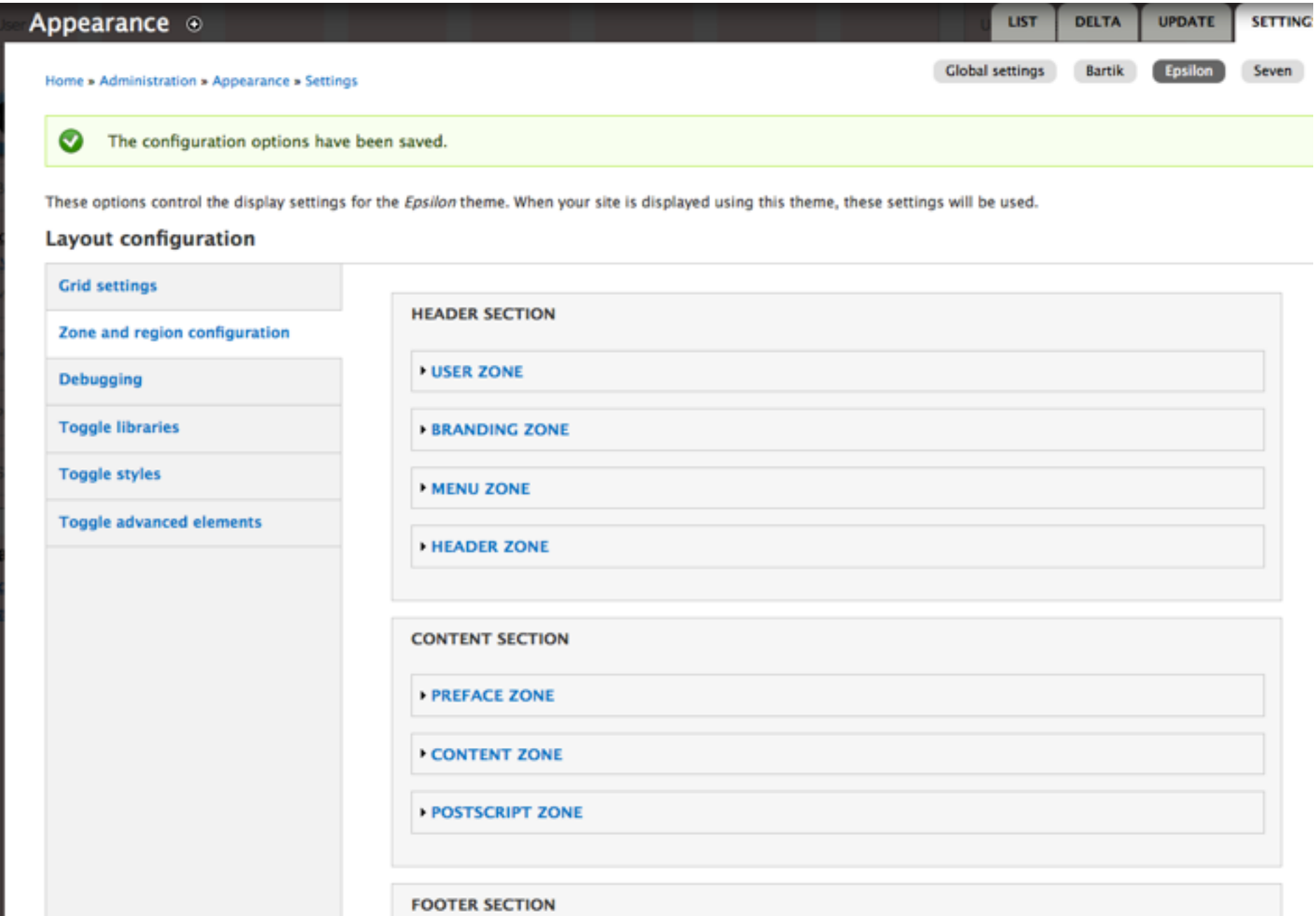
SECTIONS, ZONES AND REGIONS

Think of them as larger containers into which the zones are placed, in a hierarchy. Sections are the largest, and can have one or more zones inside them.

Zones are next, and can have one or more regions inside them.

Finally come regions, which is where the grid is really laid out, as Omega makes them quite easy to size by columns.

These serve to wrap and contain your HTML, allowing for common styling and easy layout choices.



/admin/appearance/settings/epsilon

Zone and region configuration tab

OMEGA THEME SETTINGS





HEADER SECTION

▶ USER ZONE

▶ BRANDING ZONE

▶ MENU ZONE

▼ HEADER ZONE

▶ CONFIGURATION

▼ REGIONS

▶ HEADER FIRST

▶ HEADER SECOND

OMEGA THEME SETTINGS

A little closer inspection allows us to see the nesting of section, zone and region. In this case, the Header section has a Header zone in it, which has two regions.

▼ HEADER FIRST

☐ Force this region to be rendered

Enabling this will always render this region, even if it is empty.

Zone

Header

Prefix

0 Columns

Width

6 Columns

Suffix

0 Columns

Weight

1

Additional region classes

OMEGA THEME SETTINGS

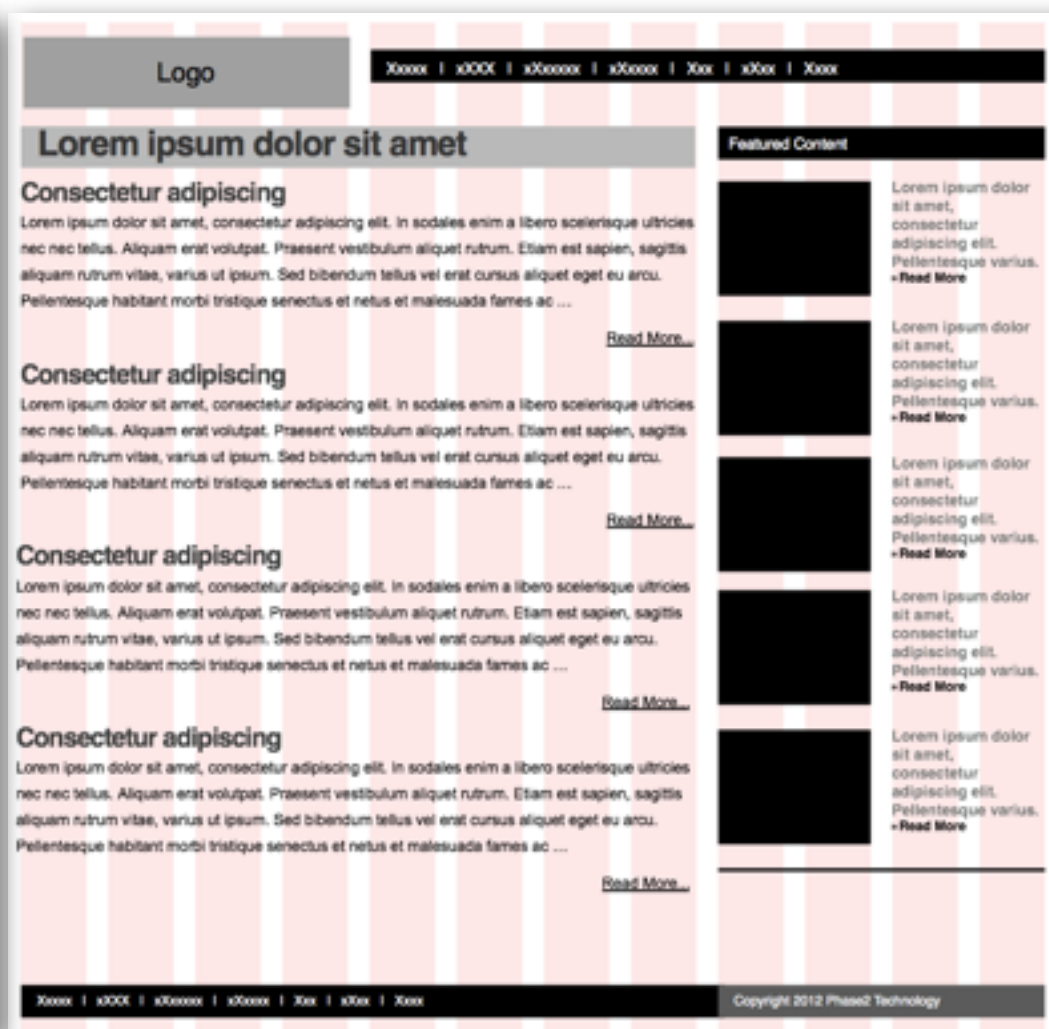
phase://
TECHNOLOGY

You can further see that each of these regions has an assortment of settings, which allow us to change width, weight, even zone – all from the admin.

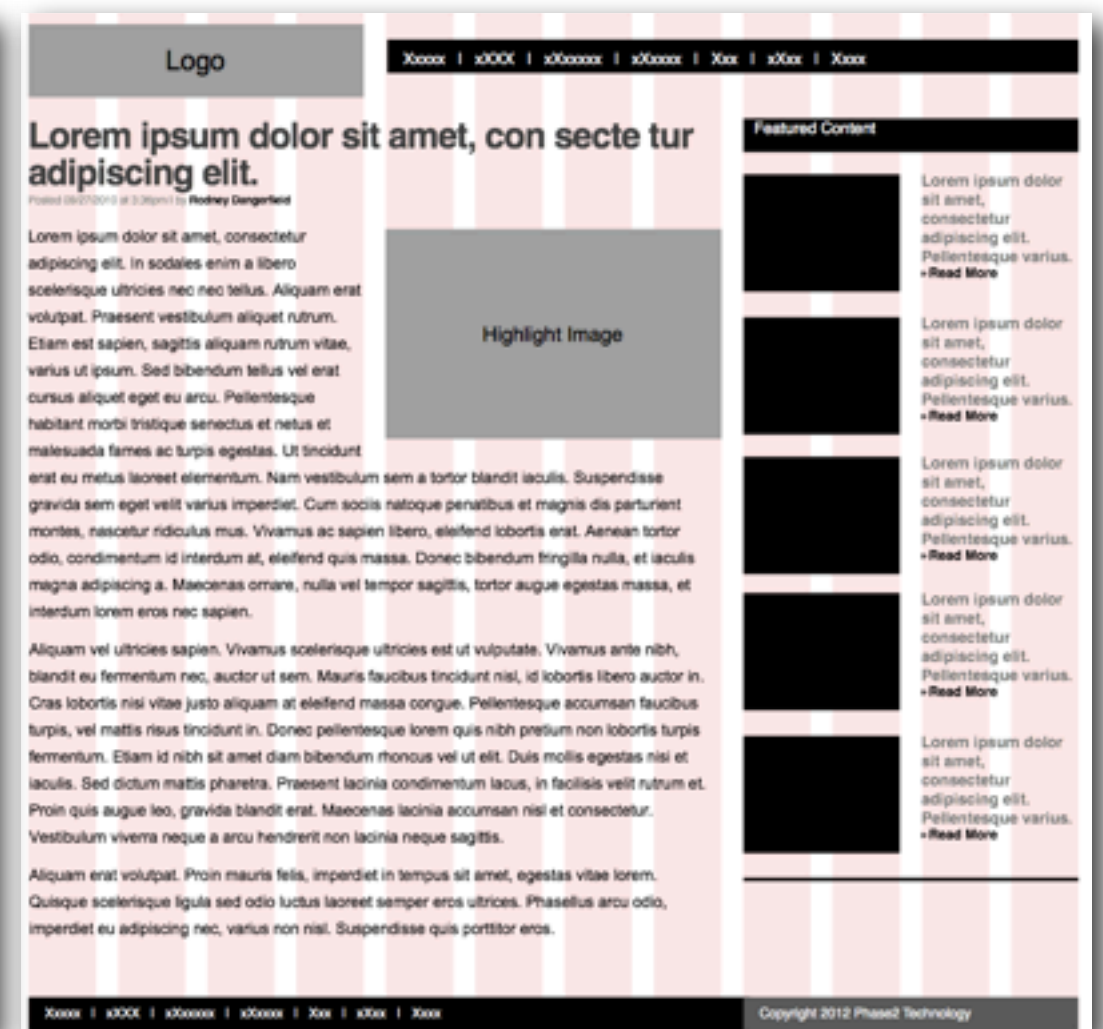
HOMEPAGE



SECTION PAGE



CONTENT PAGE



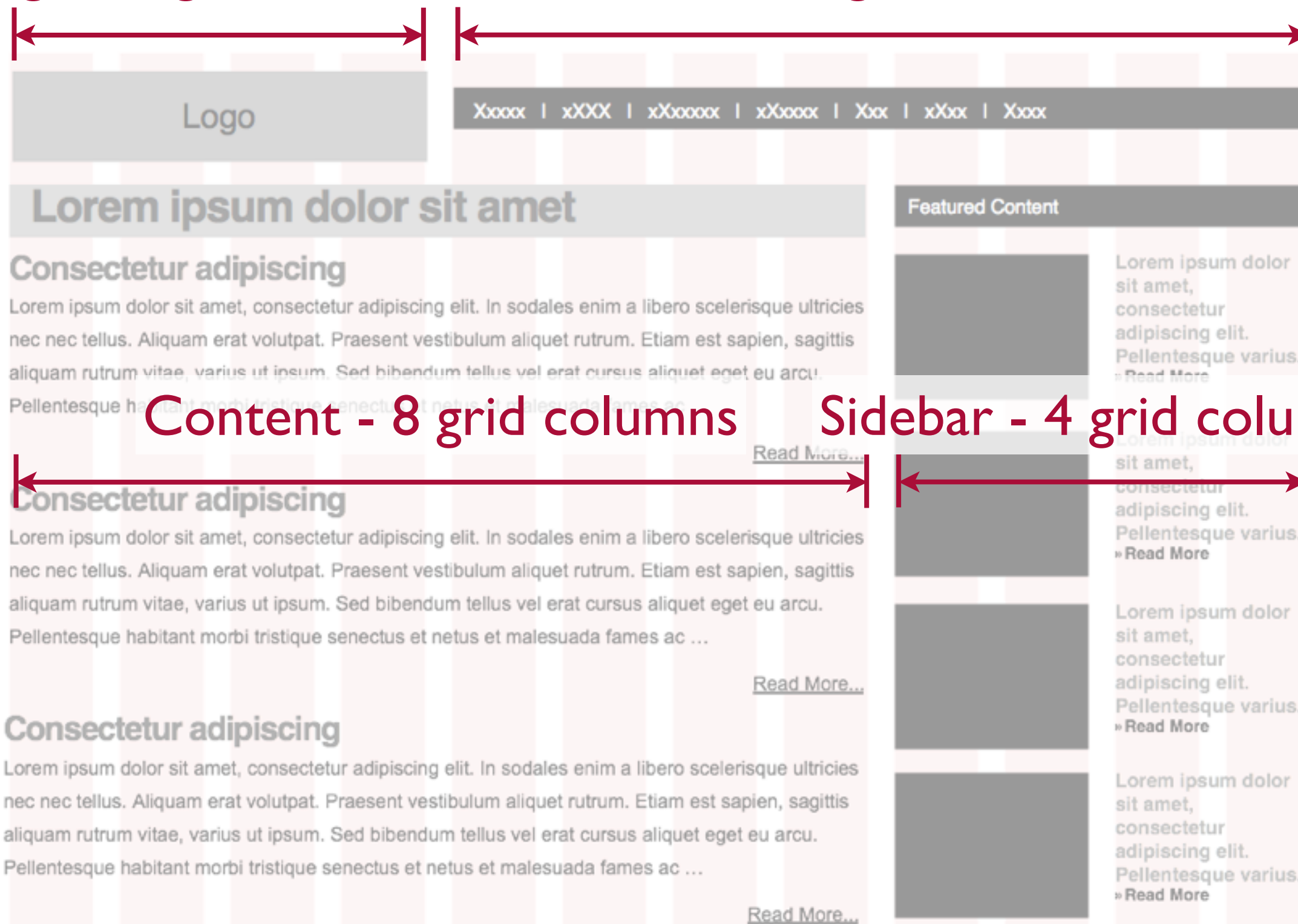
ANALYZE YOUR DESIGNS



To illustrate how this is used, let's return for a moment to our wireframes. Homepage is obviously its own, special layout, but in terms of structure, the section page and the content page are pretty much the same. This means that virtually ALL of the content on the site is in the same layout, so let's do that first.

Logo - 4 grid columns

Menu - 8 grid columns

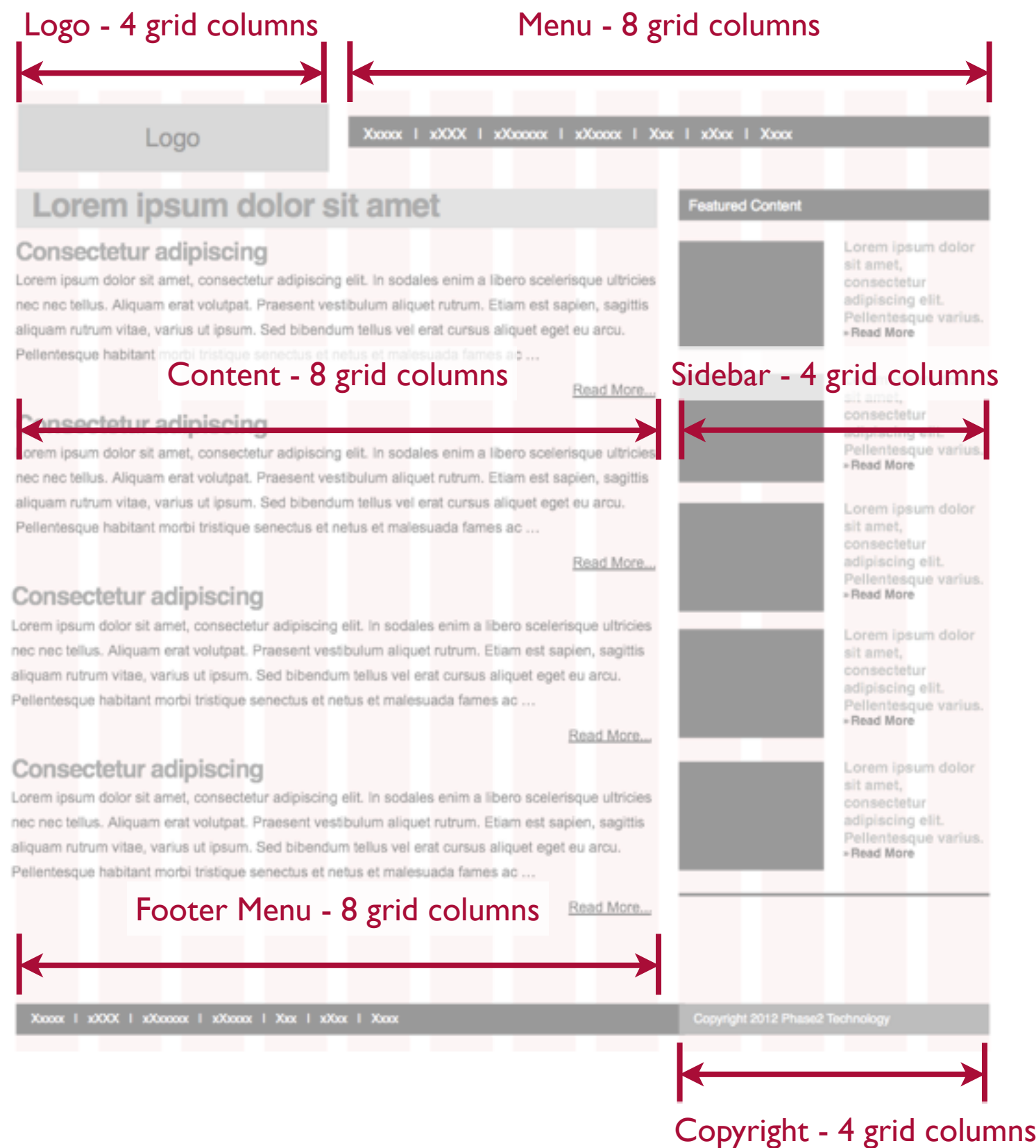


COLUMN LAYOUTS

phase:II
TECHNOLOGY

The header area has a 4-column wide logo, and a menu that's 8 columns wide.

The content area has an 8-column wide area, with a 4-column sidebar.



ALL THE COLUMNS

phase:II
TECHNOLOGY

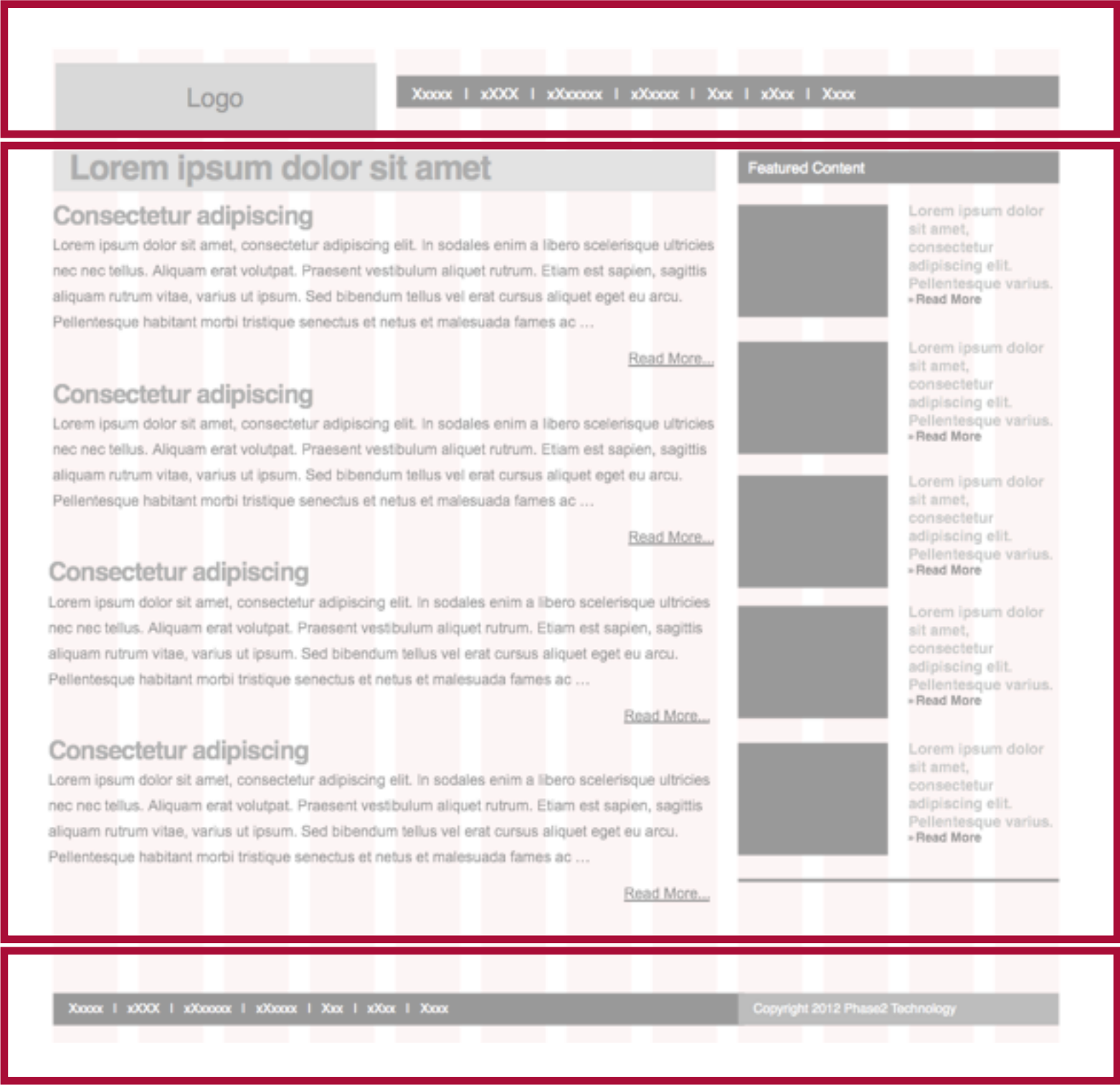
Here you see the footer area has another 8 and 4 column combo.

More clearly, we can now see that there are three obvious sections...

Header Section

Content Section

Footer Section



SECTIONS

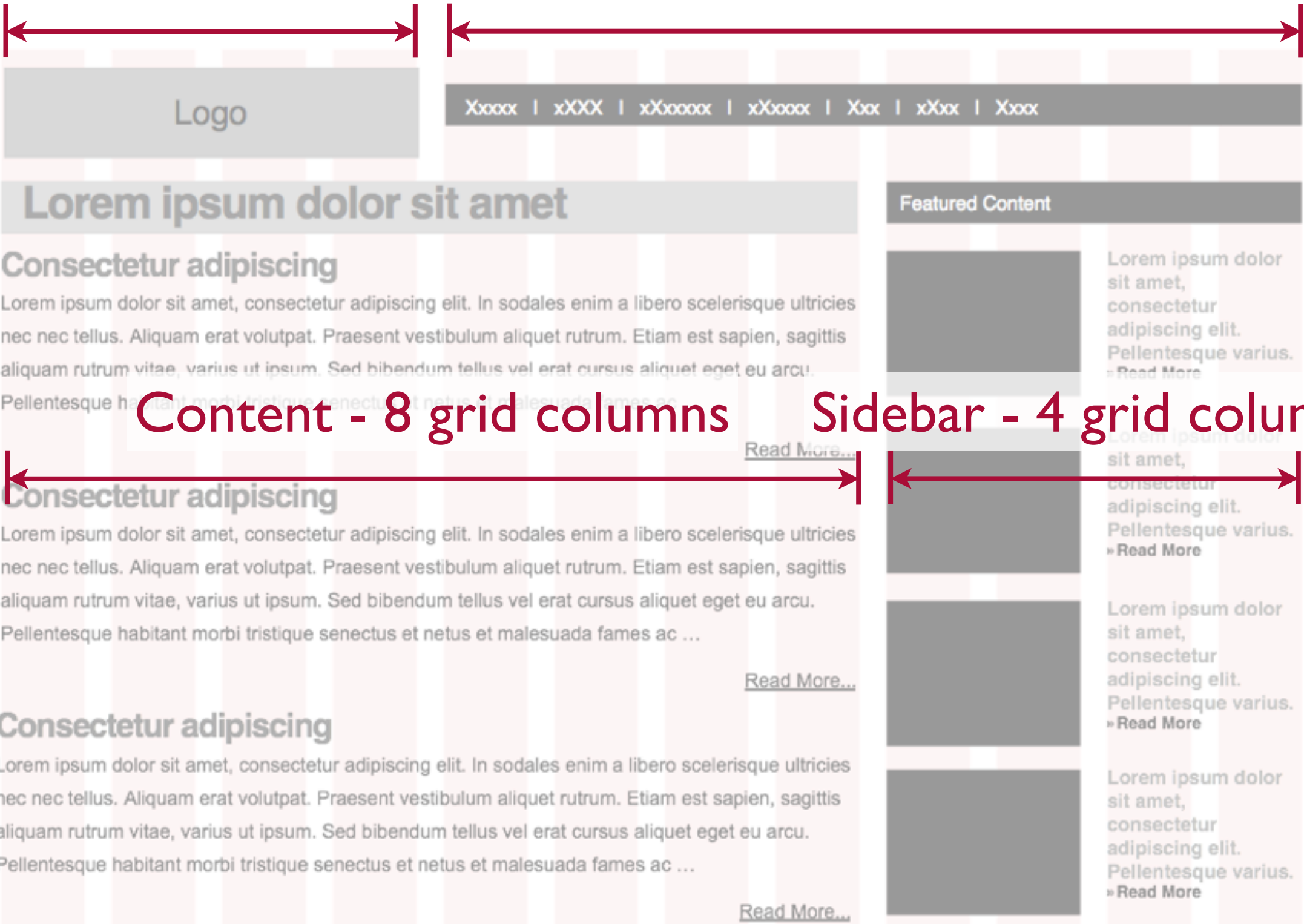


Sunday, November 4, 12

Header, Content, and Footer. Conveniently, this also happens to correspond with what Omega defines as sections out of the box.

Logo - 4 grid columns

Menu - 8 grid columns



Content - 8 grid columns

Sidebar - 4 grid columns

COLUMN LAYOUTS



Sunday, November 4, 12

The Header section, if you'll recall, had a four-column logo, and an 8 column menu. We look again at the Header section config in Omega...



HEADER SECTION

► **USER ZONE**

► **BRANDING ZONE**

► **MENU ZONE**

▼ **HEADER ZONE**

► **CONFIGURATION**

▼ **REGIONS**

► **HEADER FIRST**

► **HEADER SECOND**

/admin/appearance/settings/epsilon

Zone and region configuration tab

OMEGA THEME SETTINGS



And find that it has four zones in it, with a total of 6 regions – clearly too many for what we need. So, Omega actually lets us clear unused zones out of a section.



HEADER SECTION

▼ USER ZONE

▼ CONFIGURATION

- ☒ Provide full width wrapper around this zone
Enabling this feature will give a `<div>` wrapper around the zone itself, allowing you to theme in elements that appear outside the 960 pixel container zone.
- ☐ Force this zone to be rendered
Enabling this will always render this zone, even if it is empty.
- ☐ Customize the region positioning
This allows you to manipulate the placing of the regions in this zone.

Section	Weight	Column count	Primary Region
<div><div>Header</div><div>- None -</div><div>Header</div><div>Content</div><div>Footer</div></div>	<div>1</div>	<div>12 Columns</div>	<div>- None -</div>

zone classes

Additional wrapper classes

HEADER SECTION SETTINGS

Open the zone up, and then the configuration fieldset inside that. You'll see that you can set section to “– None –”. This will put it in the unused zone list, and remove it from the section. I'll do this with the User zone and the “Header Zone”.



HEADER SECTION

▼ BRANDING ZONE

► CONFIGURATION

▼ REGIONS

▼ BRANDING

☒ Force this region to be rendered
Enabling this will always render this region, even if it is empty.

Zone Prefix Width Suffix Weight
Branding 0 Columns 12 Columns 0 Columns 1

Additional region classes

1 Columns
2 Columns
3 Columns
4 Columns
5 Columns
6 Columns
7 Columns
8 Columns
9 Columns
10 Columns
11 Columns
12 Columns
13 Columns

► MENU ZONE

HEADER SECTION SETTINGS

phase:II
TECHNOLOGY

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Next, I'll open up Regions in the Branding zone, and set my width to 4 columns. This is where we will put our logo, which if you recall was 4 columns wide.



HEADER SECTION

► BRANDING ZONE

▼ MENU ZONE

► CONFIGURATION

▼ REGIONS

▼ MENU

☒ Force this region to be rendered

Enabling this will always render this region, even if it is empty.

Zone

Menu

Prefix

0 Columns

Width

12 Columns

Suffix

0 Columns

Weight

1

Additional region classes

1 Columns
2 Columns
3 Columns
4 Columns
5 Columns
6 Columns
7 Columns
8 Columns
9 Columns
10 Columns
11 Columns
12 Columns

HEADER SECTION SETTINGS

phase://
TECHNOLOGY



HEADER SECTION

▶ BRANDING ZONE

▼ MENU ZONE

▶ CONFIGURATION

▼ REGIONS

▼ MENU

☒ Force this region to be rendered
Enabling this will always render this region, even if it is empty.

Zone	Prefix	Width	Suffix	Weight
Menu	0 Columns	12 Columns	0 Columns	1

Additional region classes

HEADER SECTION SETTINGS

... and set the width to 8 columns, as laid out in our wireframes.



HEADER SECTION

► BRANDING ZONE

▼ MENU ZONE

► CONFIGURATION

▼ REGIONS

▼ MENU

☒ Force this region to be rendered

Enabling this will always render this region, even if it is empty.

Zone

Menu

Prefix

0 Columns

Width

12 Columns

Suffix

0 Columns

Weight

1

Additional region classes

HEADER SECTION SETTINGS

phase://
TECHNOLOGY

Sunday, November 4, 12

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Weighting in Omega works just like it does anywhere else in Drupal – the higher the weight the later the item renders in the process. In this case, I'm setting the weight to 5 to push the menu after the branding region.



HEADER SECTION

▶ BRANDING ZONE

▼ MENU ZONE

▶ CONFIGURATION

▼ REGIONS

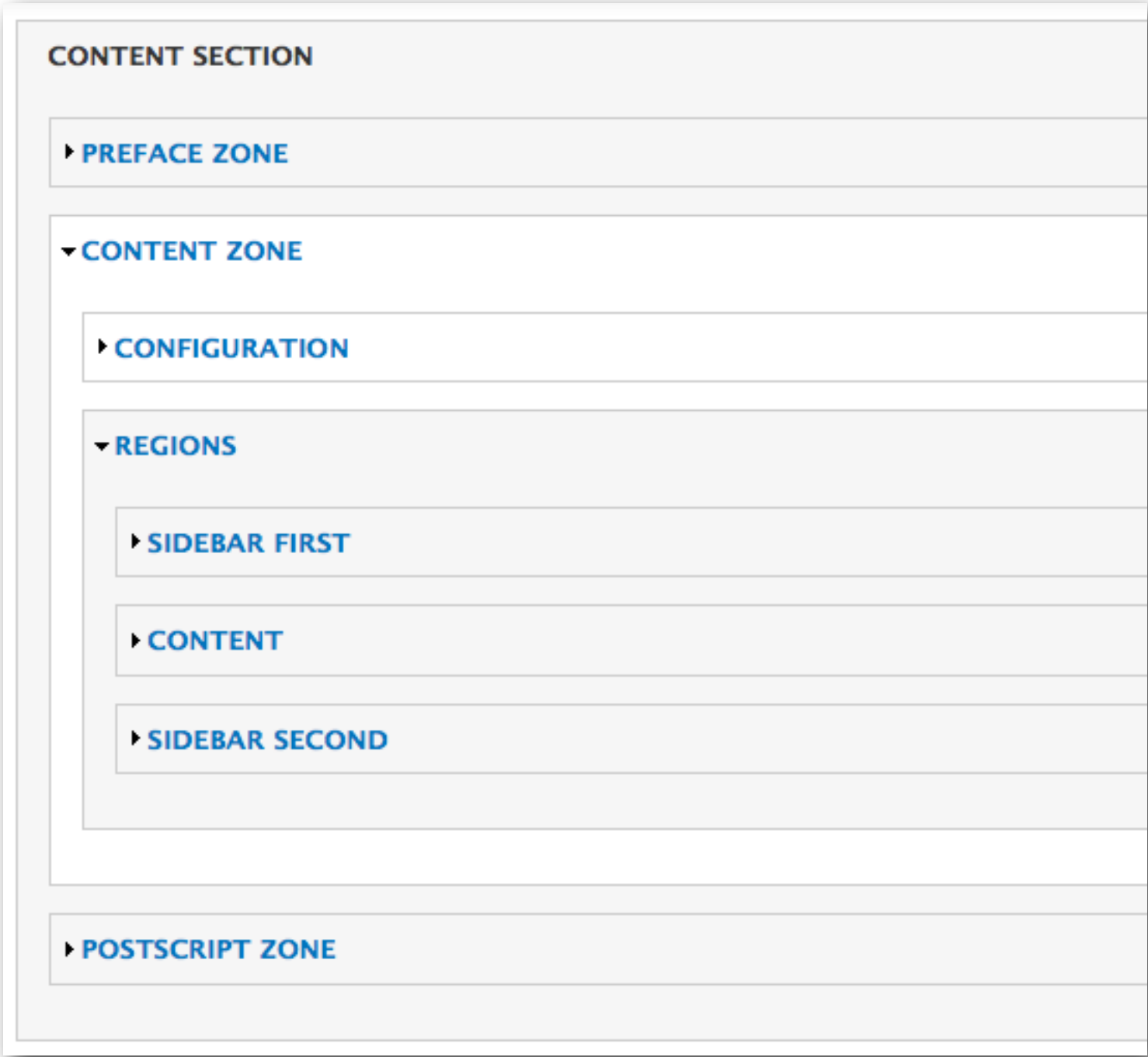
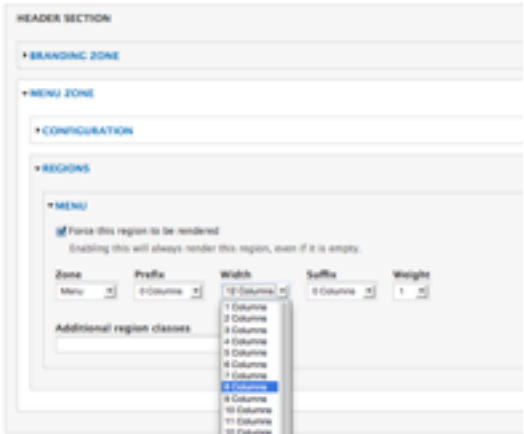
▼ MENU

☒ Force this region to be rendered
Enabling this will always render this region, even if it is empty.

Zone	Prefix	Width	Suffix	Weight
Menu	0 Columns	12 Columns	0 Columns	1
- None -		1 Columns		0
Preface		2 Columns		1
Footer		3 Columns		2
User		4 Columns		3
Content		5 Columns		4
Branding		6 Columns		5
Postscript		7 Columns		6
Menu		8 Columns		7
Header		9 Columns		8
		10 Columns		9
		11 Columns		10
		12 Columns		11

HEADER SECTION SETTINGS

And, again, Omega allows us to move a region from one zone to another, so I'm going to move this to the "Branding" Zone. This will stack the Branding and Menu regions horizontally without any additional CSS.



/admin/appearance/settings/epsilon

Zone and region configuration tab

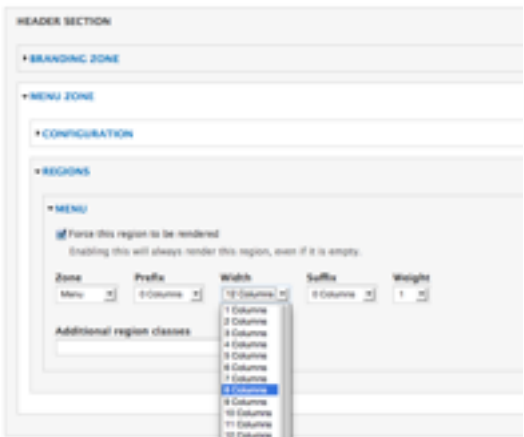
CONTENT SECTION SETTINGS



Sunday, November 4, 12 59

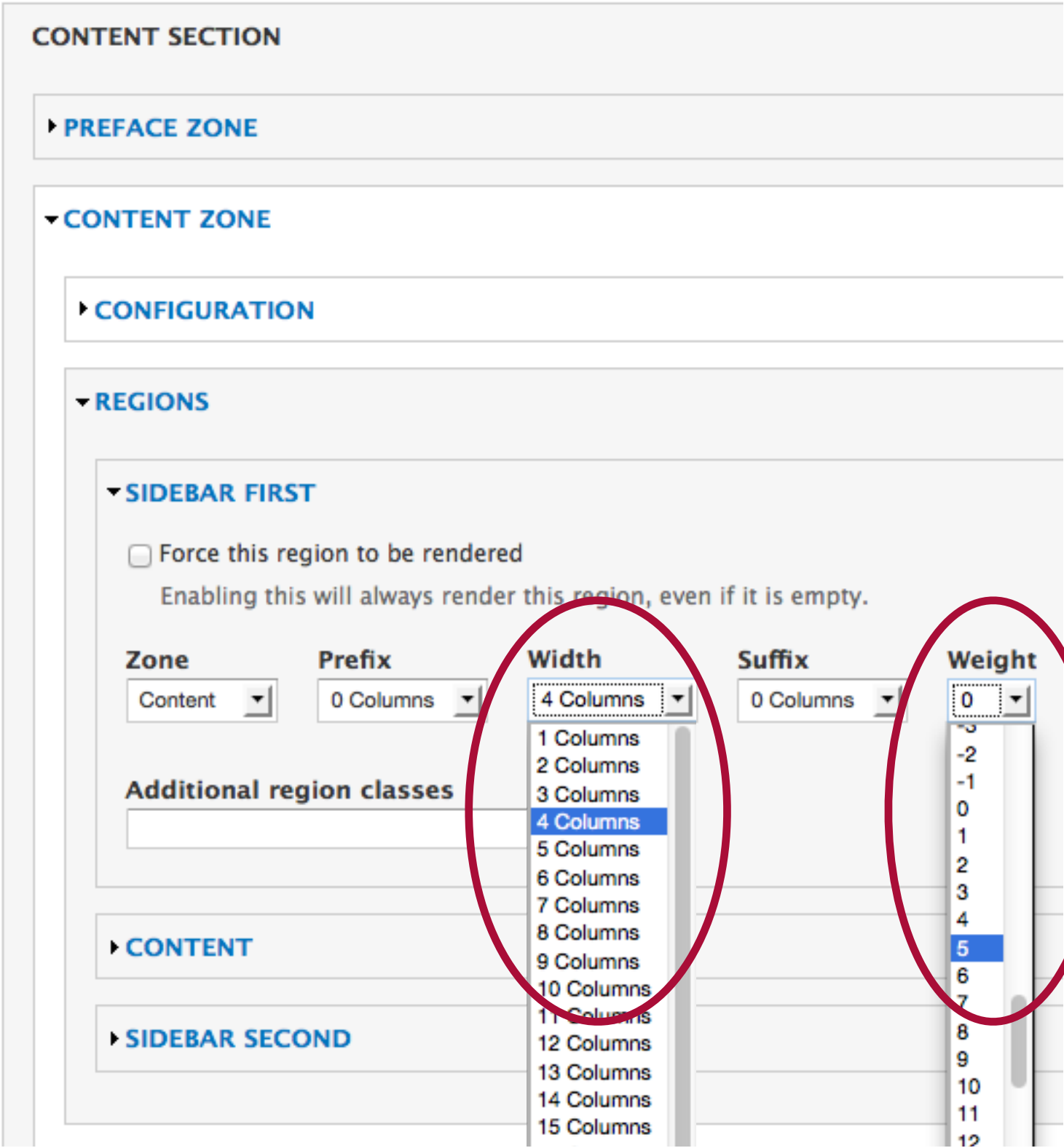
The Content Section comes with three zones by default. I’m going to leave the Preface and Postscript zones alone for now, and work in the Content Zone of the Content Section. Yes, there’s a Content Section, and a Content Zone, and guess what? There’s a Content Region, too. Naming things in Drupal is not an exact science.

We’re going to focus our attention for now on the Content Zone.



/admin/appearance/settings/epsilon

Zone and region configuration tab

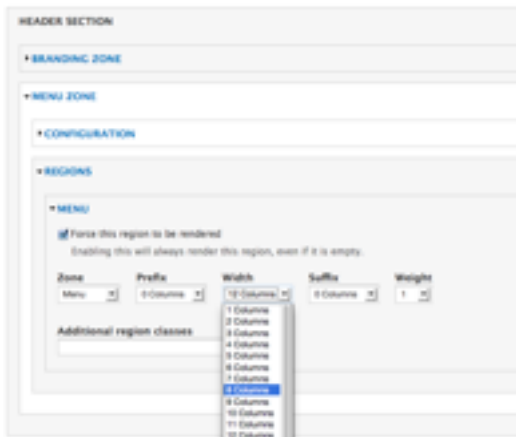


CONTENT SECTION SETTINGS



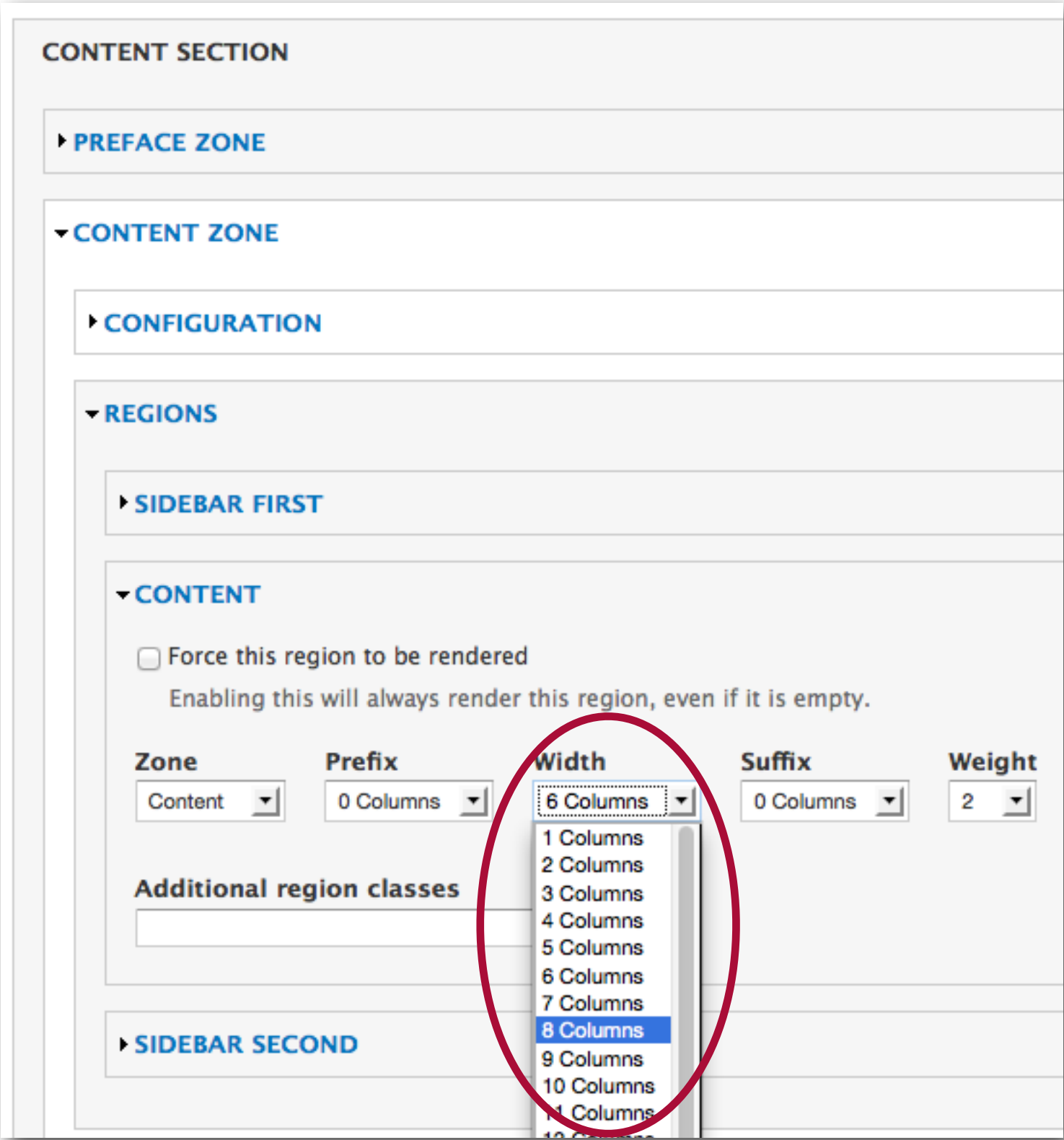
Sunday, November 4, 12

In the “Sidebar First” region, I’m going to set the width to 4 columns, and set the weight to 5. Again, a higher weight will push the item later in the rendering process – in this case, after the Content Region.



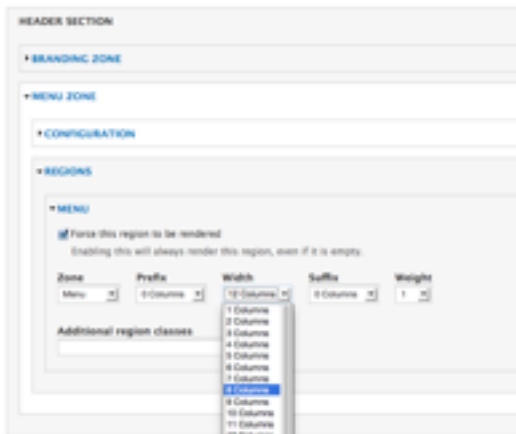
/admin/appearance/settings/epsilon

Zone and region configuration tab



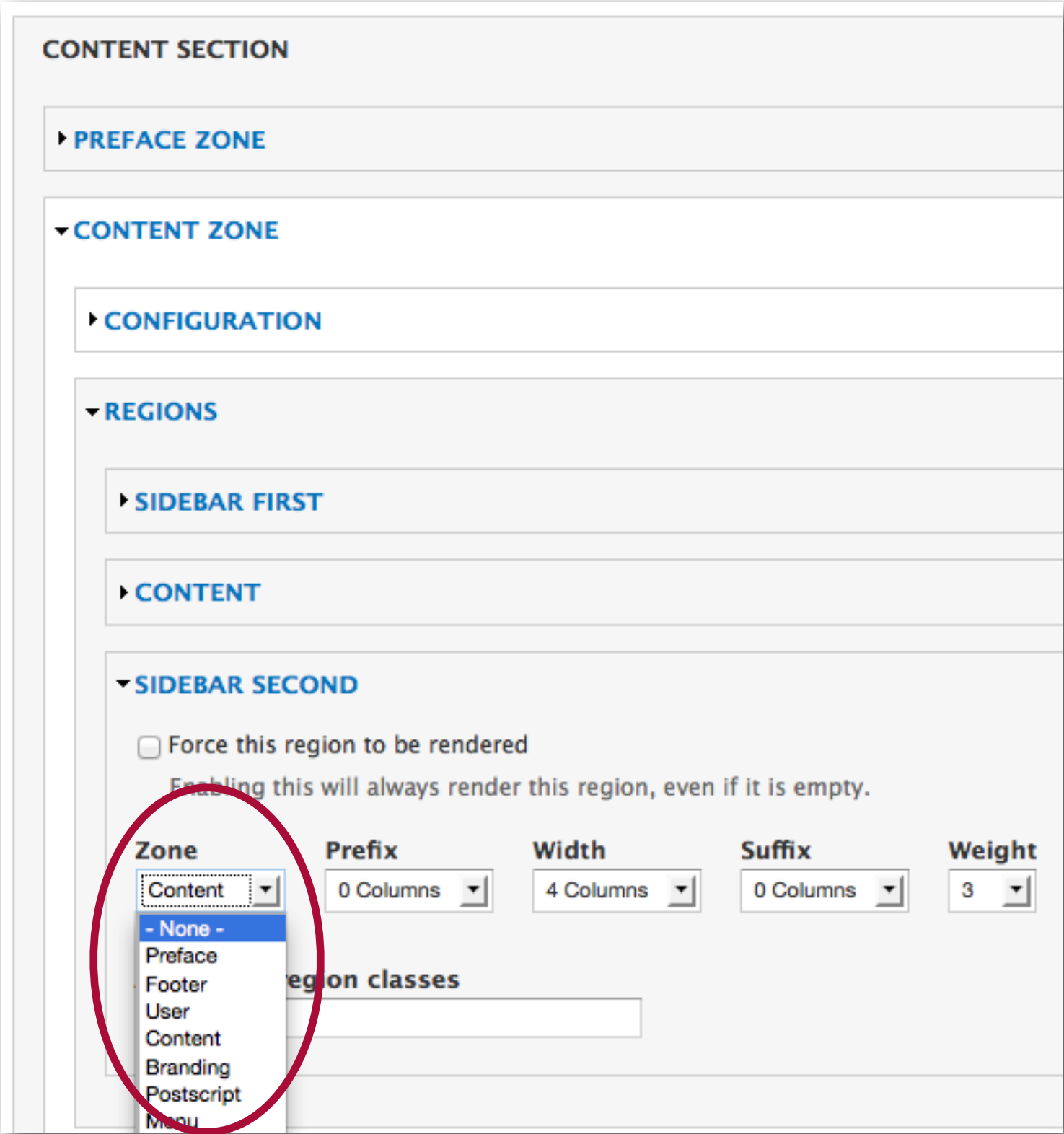
CONTENT SECTION SETTINGS





/admin/appearance/settings/epsilon

Zone and region configuration tab

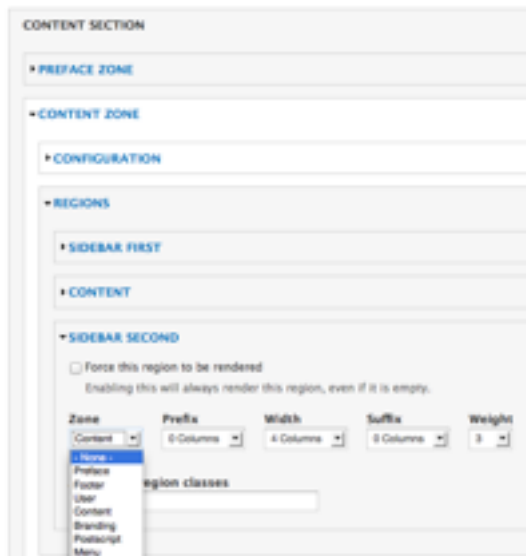
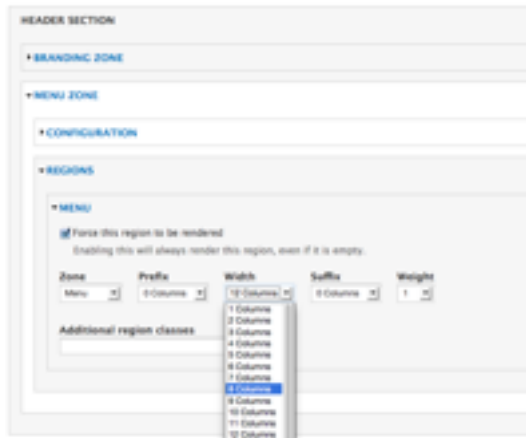


CONTENT SECTION SETTINGS



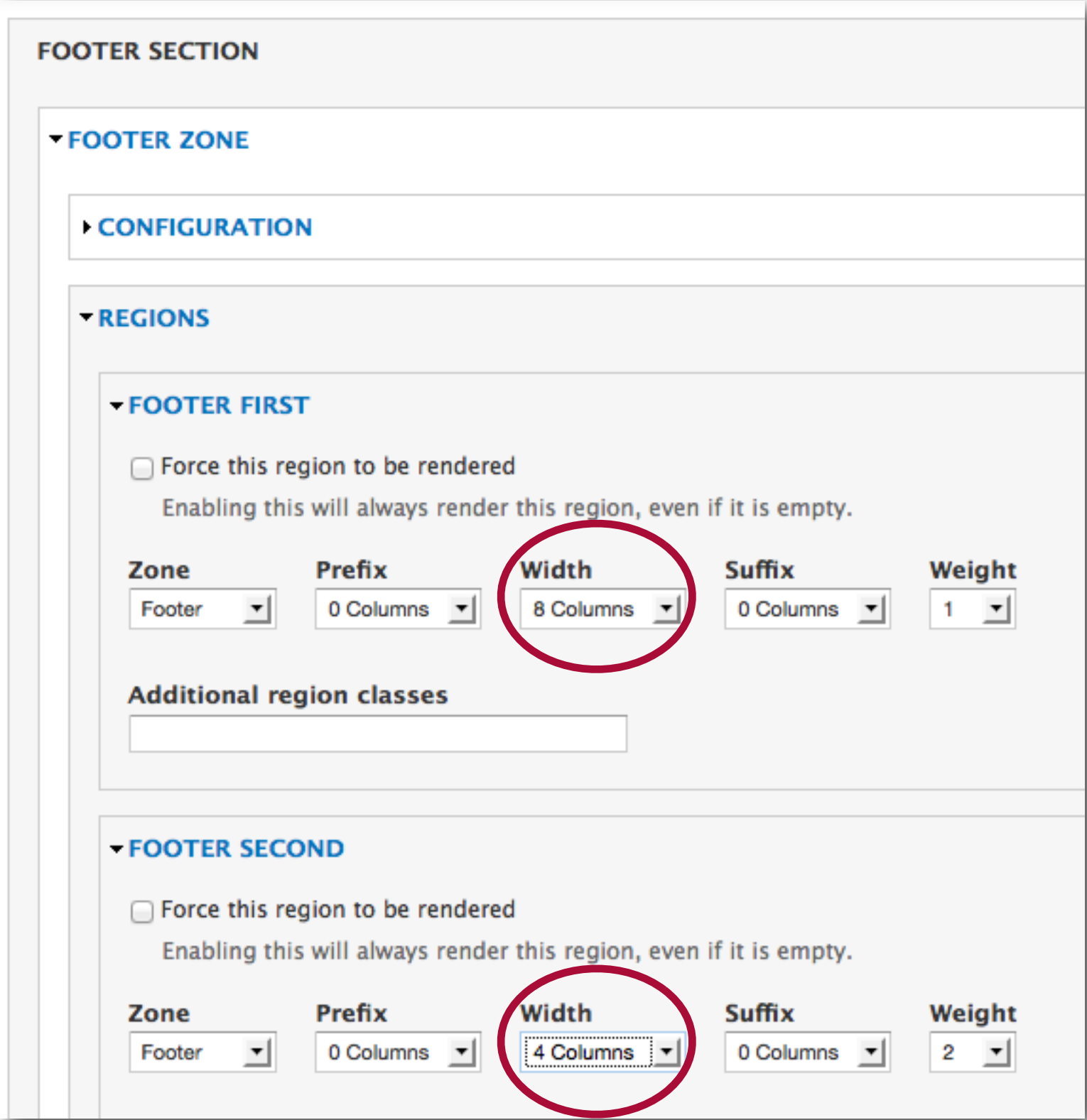
Sunday, November 4, 12

Finally, I'll set the Zone of the Sidebar Second region to “– None –”, which will remove it from the Content Zone altogether.



/admin/appearance/settings/epsilon

Zone and region configuration tab

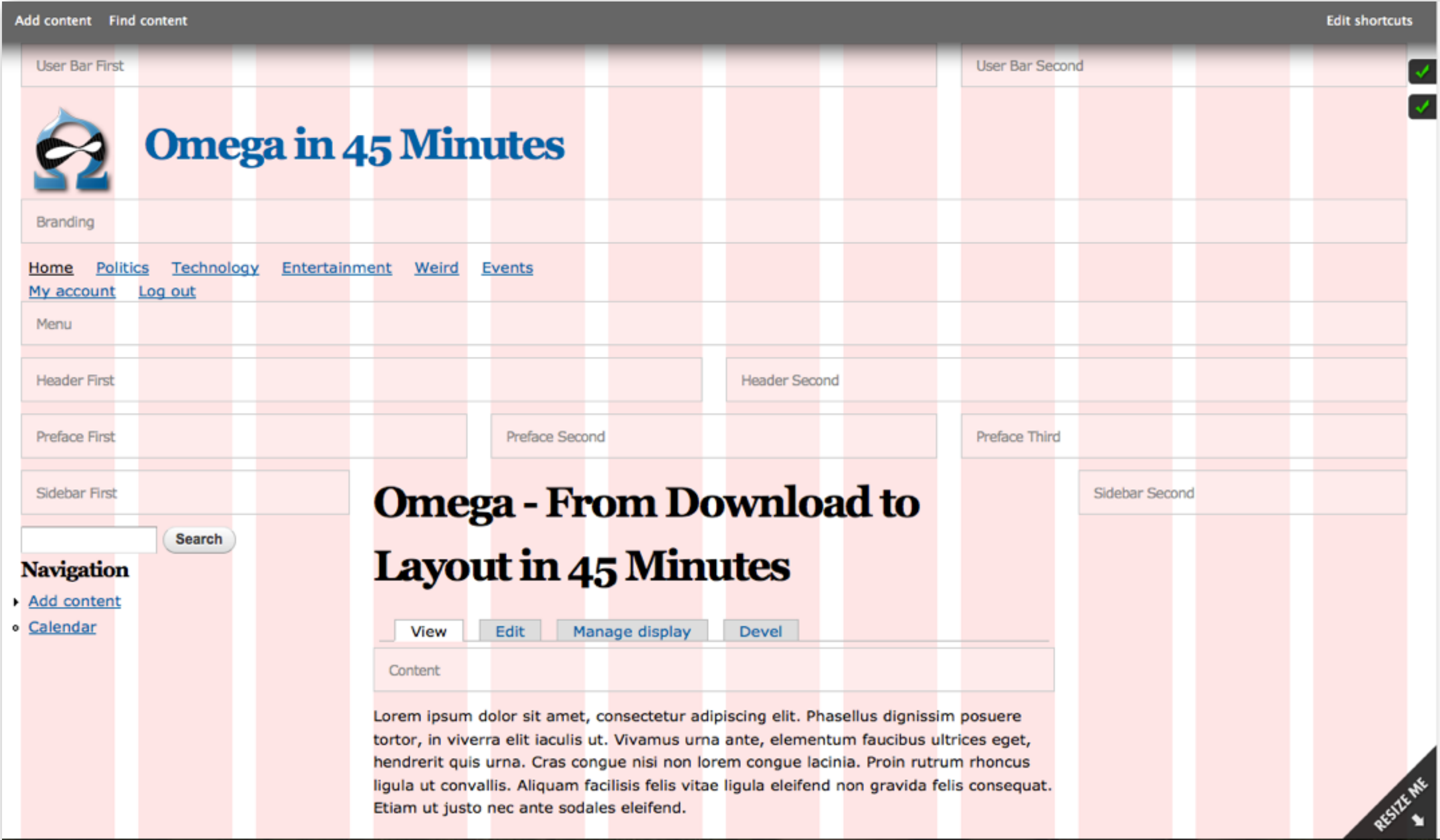


FOOTER SECTION SETTINGS

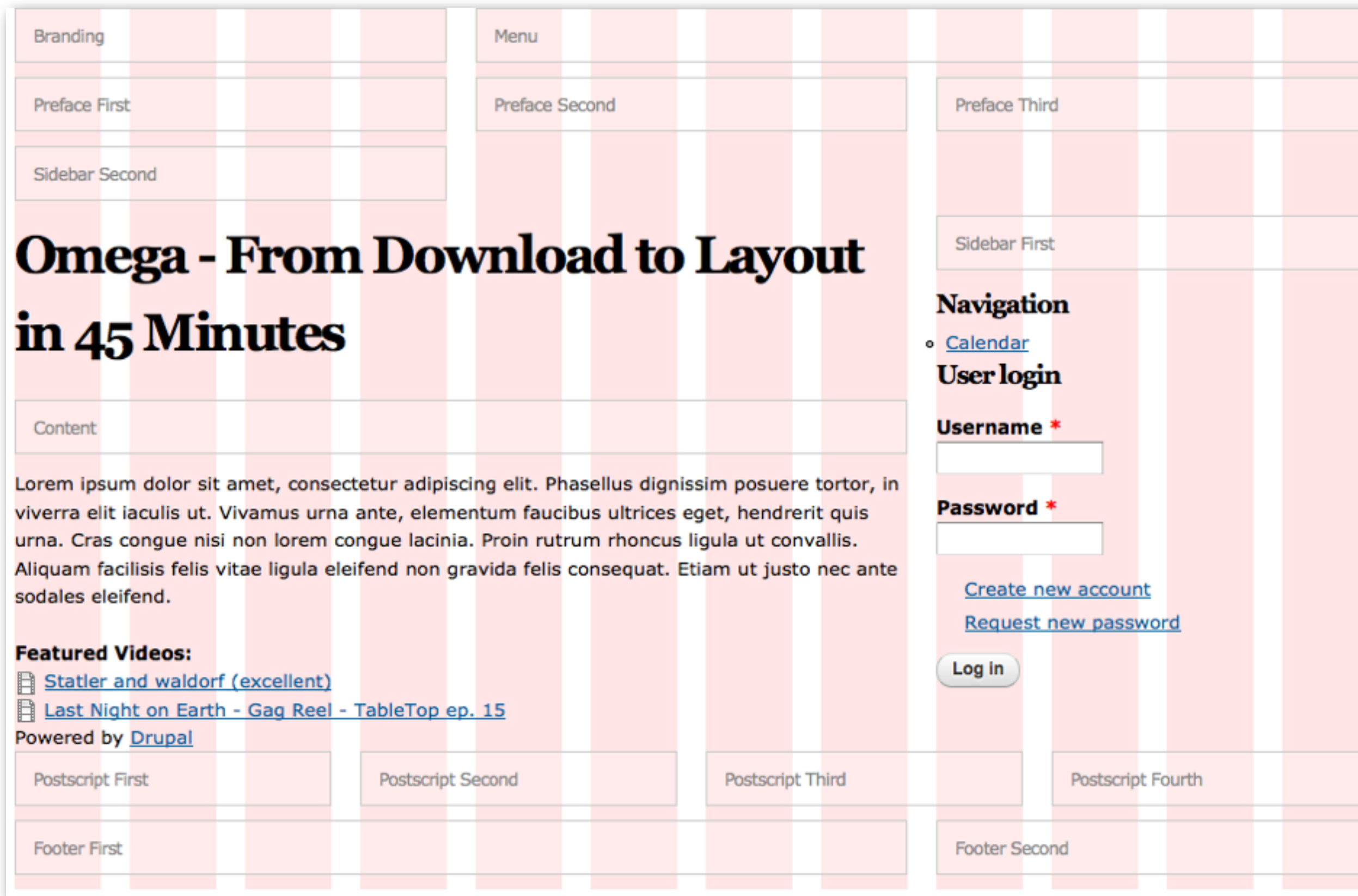


Sunday, November 4, 12

Lastly, in the Footer Zone of the Footer section, I’m going to set the width of the Footer First region to 8, and the width of the Footer Second region to 4. Since these two regions are already in the same zone, they will line up horizontally automatically, so there’s no need to move them around from one region to another.



Here's what our site looked like when we first created our Omega sub-theme, Epsilon.



Here's what our site looks like now. The sidebar has moved to the right, the logo and site name are gone, and the content spans an width of 8 grid columns. We are definitely moving in the right direction.

DELTA

Now, if you'll recall, our wireframes had two very different layouts – the content section that we've been working on, and the homepage. Previously, making those different layouts would have caused a lot of programming with alternate tpls and functions in template.php.

Download & Extend

[Download & Extend Home](#) [Drupal Core](#) [Distributions](#) [Modules](#) [Themes](#)

Delta

[View](#) [Version control](#)

Posted by [himerus](#) on November 2, 2009 at 2:09pm

What is Delta?

Delta allows you, via the [Context](#) module to make duplicates of your theme settings for any context on your site. This gives you the ability for alternative layouts as a reaction in Context... </awesomesauce>

Documentation

- [Delta Documentation on Drupal.org](#)

Other Information

Delta by definition: (Greek letters in mathmatics)

- a finite difference
- a difference operator
- a symmetric difference
- the difference or change in a given variable

Maintainer

Developed and maintained by [Jake Strawn](#), [ThemeGeeks](#)



Maintainers for Delta

[Cellar Door](#) – 1 commit
last: 14 weeks ago, first: 14 weeks ago

[fubhy](#) – 58 commits
last: 29 weeks ago, first: 1 year ago

[himerus](#) – 57 commits
last: 50 weeks ago, first: 3 years ago

[View all committers](#)

[View commits](#)

Issues for Delta

To avoid duplicates, please search before submitting a new issue.

[Advanced search](#)

All issues
[59 open](#), [115 total](#)

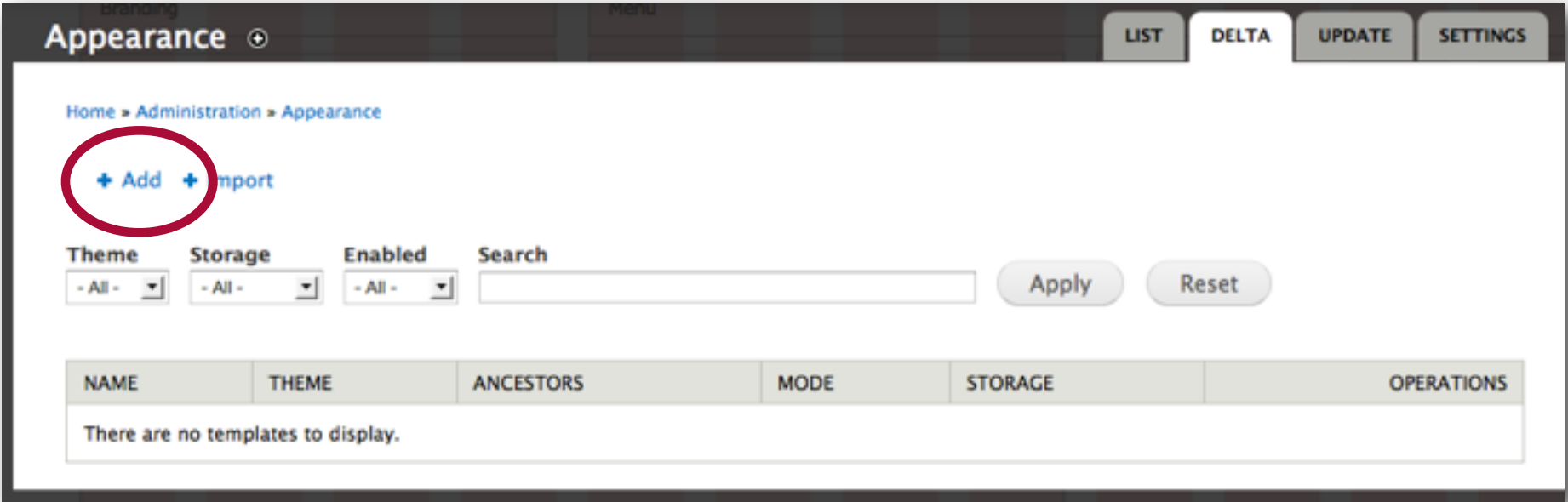
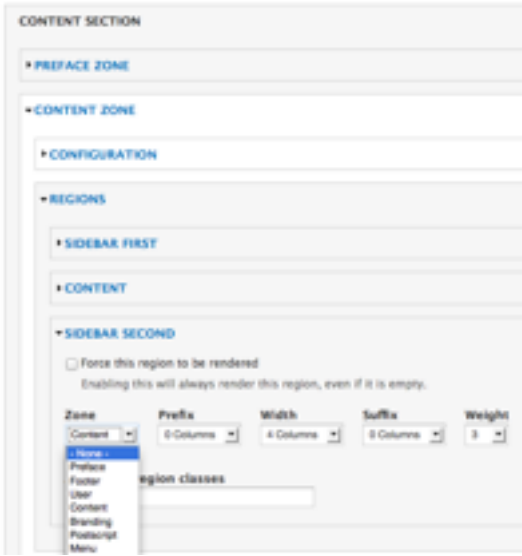
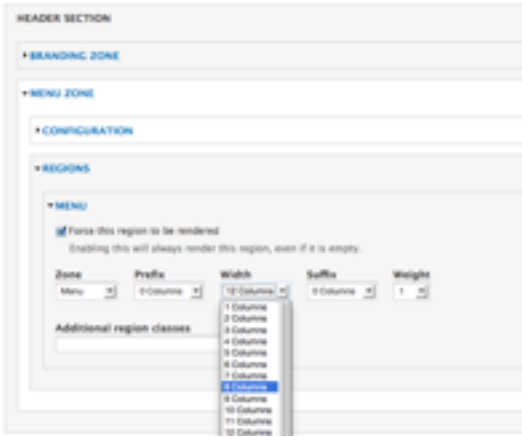
Bug reports
[26 open](#), [57 total](#)

[Subscribe via e-mail](#)

CREATE A DELTA

phase:ll
TECHNOLOGY

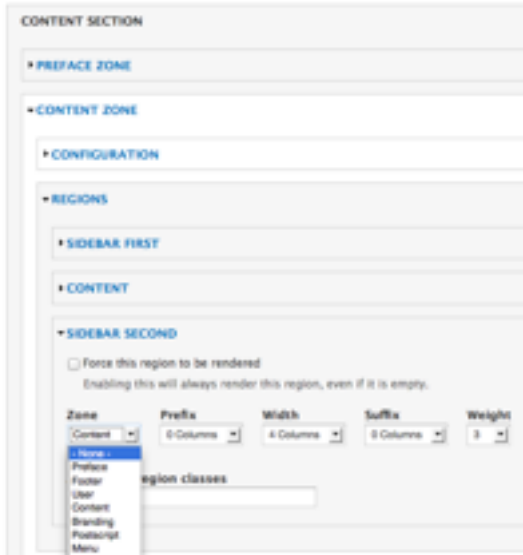
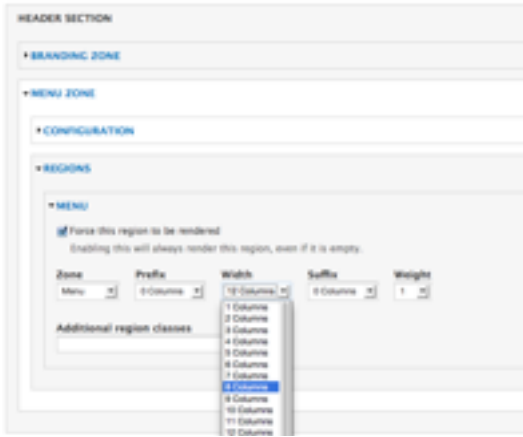
Delta changes that. This module, also by the creators of Omega, gives us the ability to save different sets of theme settings, and apply them as alternate layouts in Context. Let's give that a whirl.



/admin/appearance/delta

CREATE A DELTA





/admin/appearance/delta/add

CREATE A DELTA

Add a new template

Preface First

Preface Second

Preface Third

Home » Administration » Appearance » Delta

ADD A NEW DELTA TEMPLATE

Title *

Content and Sections

Machine name: content_and_sections [Edit]

The human readable name for this template.

Description

Page template for the Content and Section List pages

A brief description of this theme settings template.

Theme *

Epsilon

The theme that you want to create this template for.

Parent template

- None -

This option allows you to build hierarchical theme settings. Delta templates that have a parent will always operate in preserve ("Only override different values") mode.

Operation mode

☒ Only override different values

☐ Override all values

This setting controls the way that settings are being stored and overridden.

phase://
TECHNOLOGY

Sunday, November 4, 12

Very much like when we created a new sub-theme with omega_tools, this gives us a new configuration form to fill out.

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HEADER SECTION

- **BRANDING ZONE**
- **MENU ZONE**
- **CONFIGURATION**
- **REGIONS**
- **MENU**
 - ☒ Force this region to be rendered
(Enabling this will always render this region, even if it is empty.)

Zone	Prefix	Width	Suffix	Weight
Menu	0 Columns	10 Columns	0 Columns	1

Additional region classes

Width dropdown menu options: 1 Column, 2 Column, 3 Column, 4 Column, 5 Column, 6 Column, 7 Column, 8 Column, 9 Column, 10 Column, 11 Column, 12 Column.

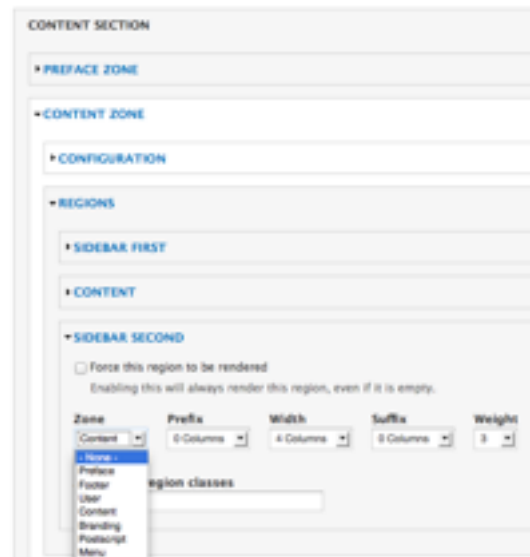
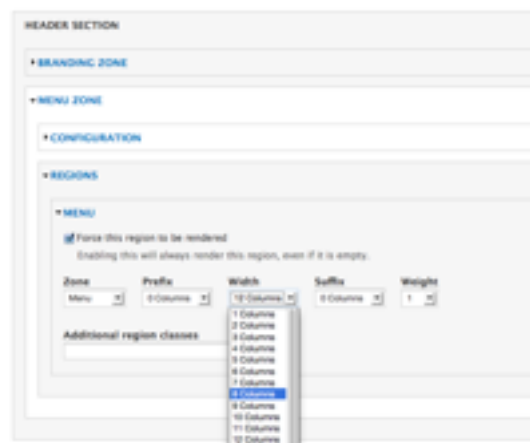


/admin/appearance/delta/add

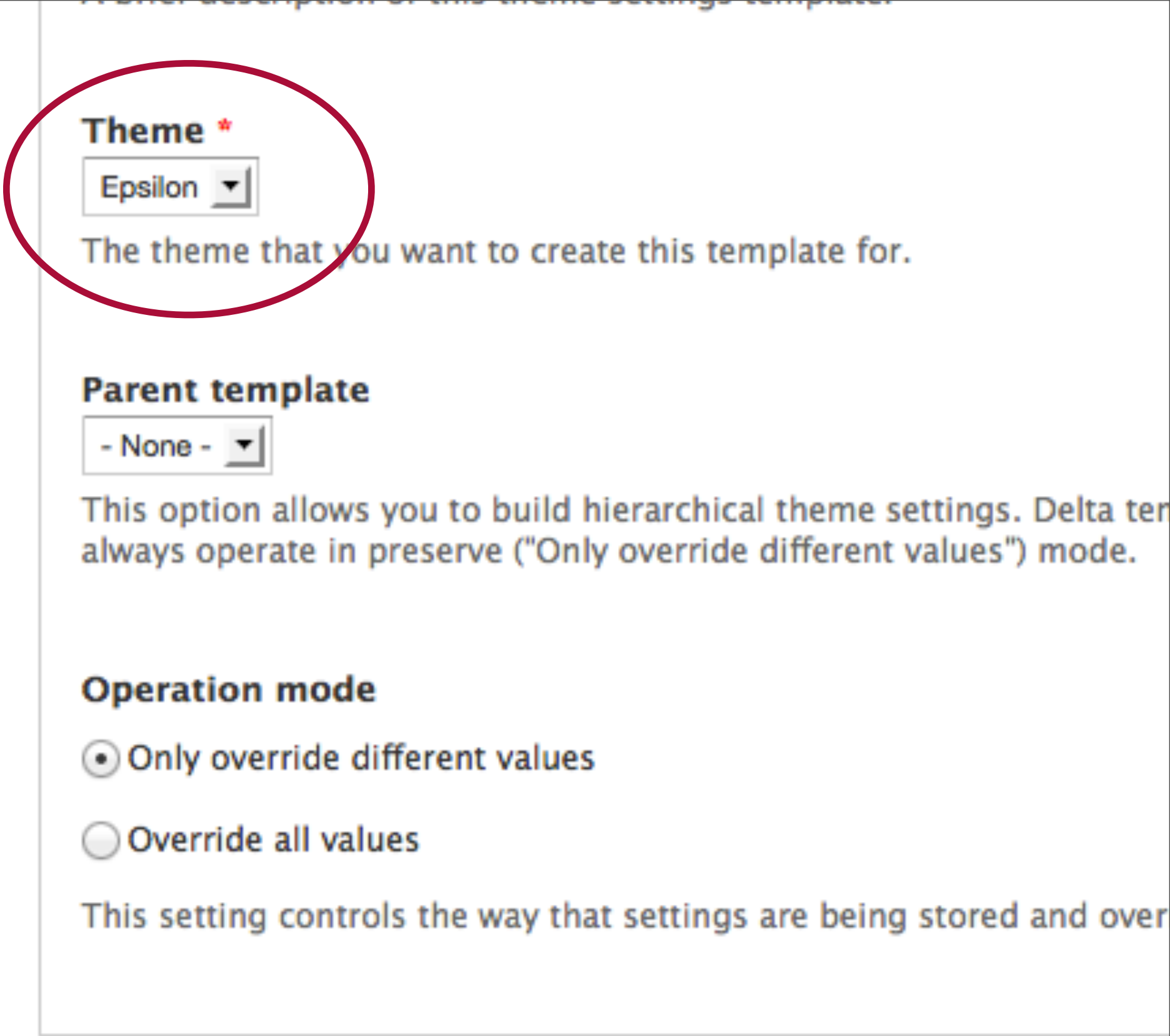
[illegible]

CREATE A DELTA

We start by giving it a name and description – in this case, I’ve called it “Content and Sections” with a description of “Page template for the Content and Section List pages”.



/admin/appearance/delta/add



CREATE A DELTA

phase://
TECHNOLOGY

Next, and most important, you must choose the theme to which you wish to have this delta apply. In this case, I have picked Epsilon.

Parent template and Operation mode allow for a complicated layer of inheritance between deltas; I generally find them not that useful and usually leave them at their defaults.

CONTENT SECTION

PREFACE ZONE

CONTENT ZONE

CONFIGURATION

REGIONS

SIDEBAR FIRST

CONTENT

SIDEBAR SECOND

☐ Force this region to be rendered
Enabling this will always render this region, even if it is empty.

Zone	Prefix	Width	Suffix	Weight
Content	0 Columns	4 Columns	0 Columns	0
None				
Preface				
Footer				
Clear				
Content				
Branding				
Menu				

region classes

Appearance

Home » Administration » Appearance

content_and_sections has been created.

+ Add

+ Import

Theme	Storage	Enabled	Search	
- All -	- All -	- All -		<div>Apply</div> <div>Reset</div>

NAME	THEME	ANCESTORS	MODE	STORAGE	OPERATIONS
Content and Sections	Epsilon		Preserve	Normal	<div>Configure</div> <div>Edit</div> <div>Disable</div> <div>Delete</div> <div>Clone</div> <div>Export</div>
Page template for the Content and Section List pages					

Add a new template

Home » Administration » Appearance » Delta

ADD A NEW DELTA TEMPLATE

TRIM

Content and Sections

The human readable name for this template.

DESCRIPTION

Page template for the Content and Section List pages

A brief description of this theme settings template.

THEME

Epsilon

The theme that you want to create this template for.

PARENT TEMPLATE

None

This option allows you to build hierarchical theme settings. Delta templates that have a parent will always operate in preserve ("Only override different values") mode.

OPERATION MODE

☒ Only override different values

☐ Override all values

This setting controls the way that settings are being stored and overridden.

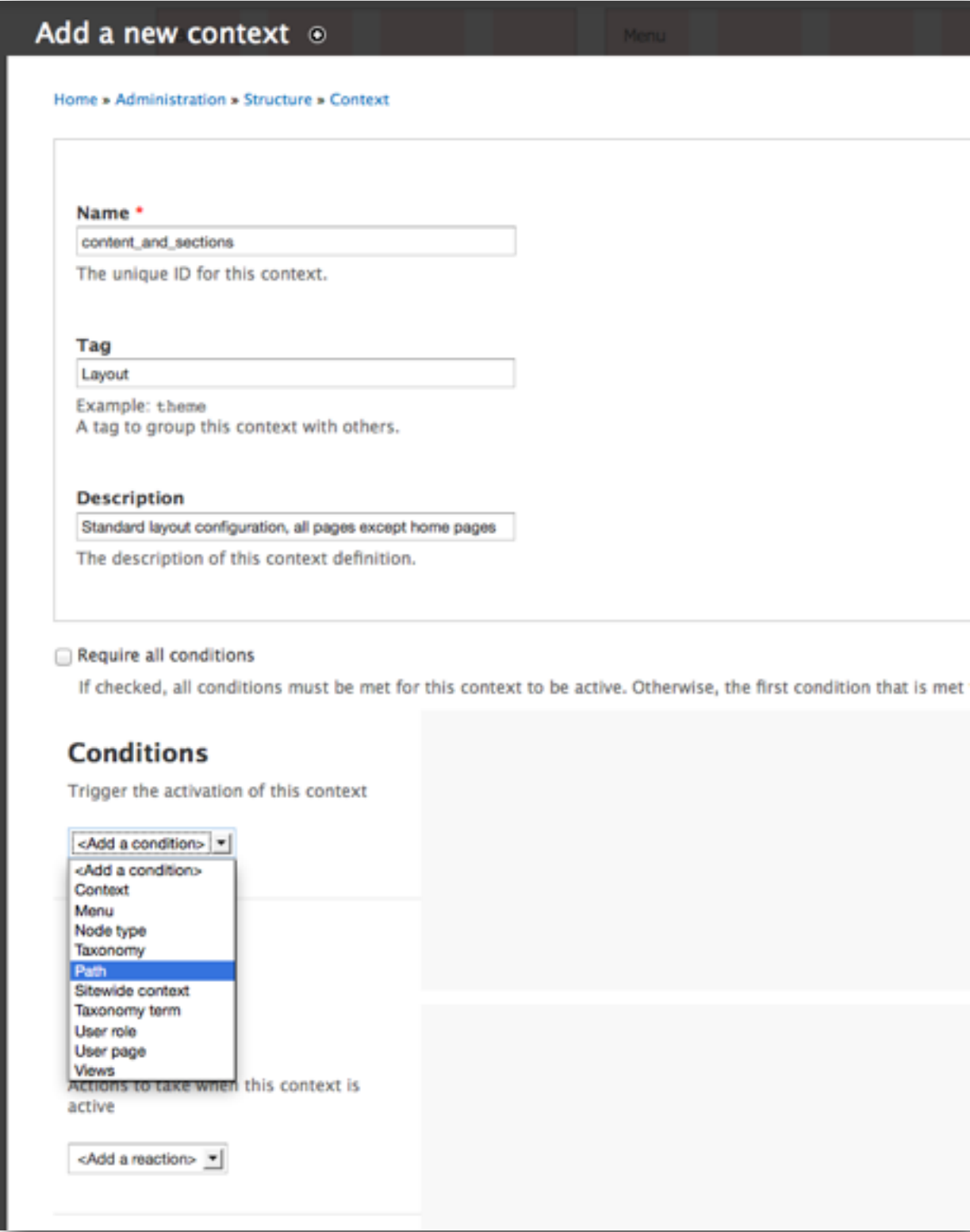
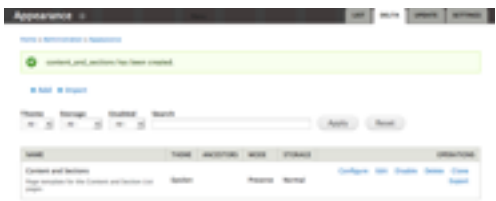
/admin/appearance/delta/add

CREATE A DELTA



CONTEXT

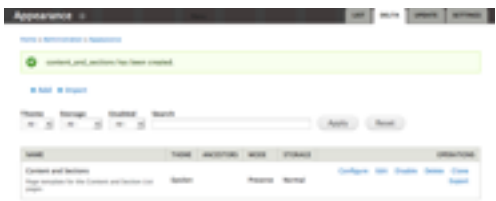
Now we add a context, which allows us to apply that Delta to different parts of our site based on URL.



/admin/structure/context/add

CREATE A CONTEXT





/admin/structure/context/add

CREATE A CONTEXT

Add a new context

Home » Administration » Structure » Context

Name *

content_and_sections

The unique ID for this context.

Tag

Layout

Example: theme
A tag to group this context with others.

Description

Standard layout configuration, all pages except home pages

The description of this context definition.

☐ Require all conditions

If checked, all conditions must be met for this context to be active. Otherwise



First, we give it the usual Title and Description. We also have the ability to give it a “Tag” which groups different contents for different purposes. In this case, I’ve titled it “Content and Sections Context”, with a tag of “Layout”.



Add a new template

Home » Administration » Appearance » Delta

ADD A NEW DELTA TEMPLATE

Type *

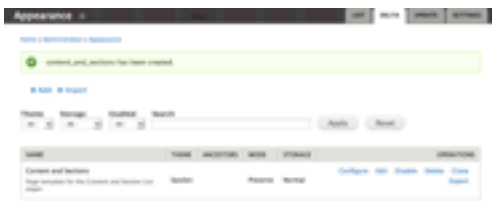
Context and Section

Description

Theme *

Parent template

Operation mode



/admin/structure/context/add

☐ Require all conditions

If checked, all conditions must be met for this context to be active. Otherwise, the first con

Conditions

Trigger the activation of this context

<Add a condition>

<Add a condition>

Context

Menu

Node type

Taxonomy

Path

Sitewide context

Taxonomy term

User role

User page

Views

Actions to take when this context is active

<Add a reaction>

CREATE A CONTEXT

Moving down, we get to Conditions. This how context governs what to do. If the state of your site meets the conditions, then whatever is listed in the Reactions section, happens.

The easiest one to use, which we are doing, is “Path”.



/admin/structure/context/add

CREATE A CONTEXT

☐ Require all conditions

If checked, all conditions must be met for this context to be active. Otherwise, the first con

Conditions

Trigger the activation of this context

Path

Path

Set this context when any of the paths above r
(asterisk) as a wildcard and the ~ character (til

Reactions

Actions to take when this context is
active

Blocks
Breadcrumb
Debug

In this case, because the layout we’ve built is for all pages *except* the home page, we will put a tilde – the little squiggle line – in front of the Drupal-standard <front>



Add a new template

Home » Administration » Appearance » Delta

ADD A NEW DELTA TEMPLATE

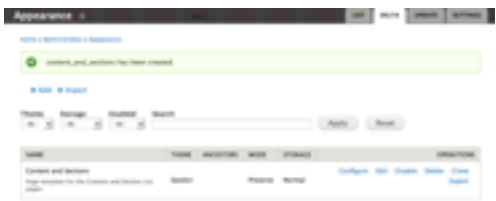
Title *
Content and Section
The human readable name for this template.

Description
Page template for the Content and Section List pages
A brief description of this theme settings template.

Theme *
Delta
The theme that you want to create this template for.

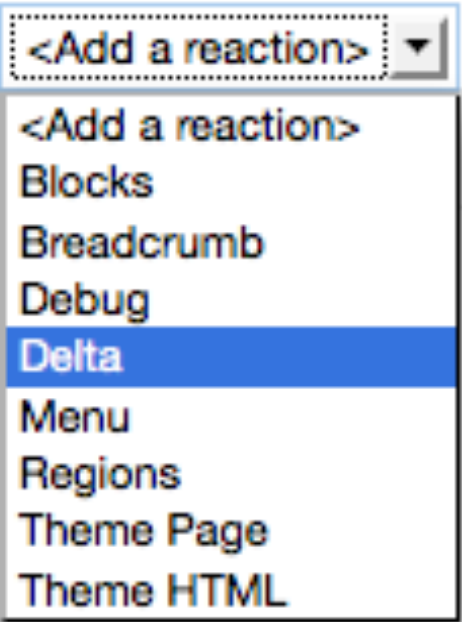
Parent template
None
This option allows you to build hierarchical theme settings. Delta templates that have a parent will always override its parent's settings (Only override different values).

Operation mode
☒ Only override different values
☐ Override all values
This setting controls the way that settings are being stored and overridden.



Reactions

Actions to take when this context is active



/admin/structure/context/add

CREATE A CONTEXT



Now, we add a reaction – we’ll actually be adding a couple. First, a Delta. This assigns the layout we just created and saved to all pages in this context – that is, all pages *except* the home page.



Reactions

Actions to take when this context is active

<Add a reaction>

Delta

Save

Set this context when any of the paths above match (asterisk) as a wildcard and the ~ character (tilde) to

Select Custom theme settings template.

Content and Sections

The theme settings of the selected Delta template w

/admin/structure/context/add

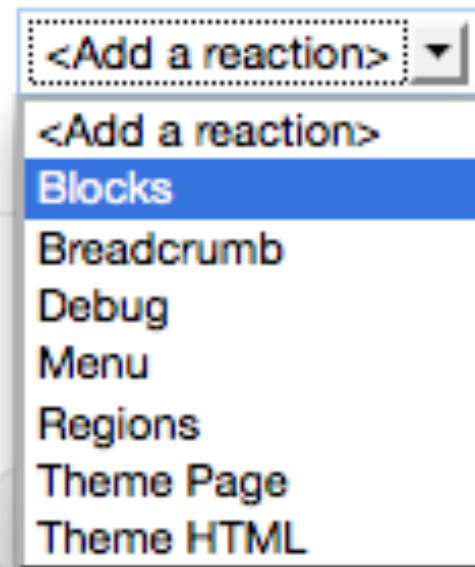
CREATE A CONTEXT





Reactions

Actions to take when this context is active



Set this context when any of the paths above match (asterisk) as a wildcard and the ~ character (tilde) to

Select Custom theme settings template.

☒ Content and Sections

The theme settings of the selected Delta template will

/admin/structure/context/add

CREATE A CONTEXT

phase://
TECHNOLOGY

Next, we'll add some blocks – we do it here instead of in the blocks admin because we have much more control over what block gets added where, and on what pages.



Add a new template

Home » Administration » Appearance » Delta

ADD A NEW DELTA TEMPLATE

Title *
Content and Section
The human readable name for this template.

Description
Page template for the Content and Section List pages
A brief description of this theme settings template.

Theme *
Delta
The theme that you want to create this template for.

Parent template
None
This option allows you to build hierarchical theme settings. Delta templates that have a parent will always operate in 'override' (Only override different values') mode.

Operation mode
☒ Only override different values
☐ Override all values
This setting controls the way that settings are being stored and overridden.



/admin/structure/context/add

Reactions

Actions to take when this context is active

<Add a reaction> ▼

Blocks

Delta

Content + Add

Show row weights

User Bar First + Add

Show row weights

User Bar Second + Add

Show row weights

Branding + Add

Show row weights

Menu + Add

Show row weights

Sidebar First + Add

Show row weights

Sidebar Second + Add

Show row weights

Header First + Add

Show row weights

Header Second + Add

Show row weights

Preface First + Add

Show row weights

Preface Second + Add

Show row weights

Preface Third + Add

Show row weights

Postscript First + Add

calendar

☐ Calendar Legend

comment

☐ Recent comments

context_ui

☐ Context editor

☐ Context inspector

delta_blocks

☐ Logo

☐ Page title

devel

☐ Evernote PHP

CREATE A CONTEXT





Add a new template

Home » Administration » Appearance » Delta

ADD A NEW DELTA TEMPLATE

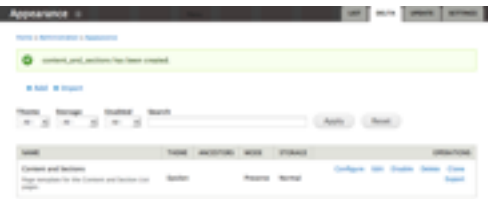
Title *
Content and Section
The human readable name for this template.

Description
Page template for the Content and Section List pages
A brief description of this theme settings template.

Theme *
Default
The theme that you want to create this template for.

Parent template
None
This option allows you to build hierarchical theme settings. Delta templates that have a parent will always operate in 'override' (Only override different values') mode.

Operation mode
☒ Only override different values
☐ Override all values
This setting controls the way that settings are being stored and overridden.



/admin/structure/context/add

Reactions

Actions to take when this context is active

<Add a reaction>

Blocks

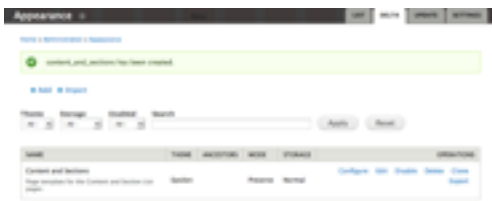
Delta

Content	+ Add
Show row weights	
User Bar First	+ Add
Show row weights	
User Bar Second	+ Add
Show row weights	
Branding	+ Add
Show row weights	
Menu	+ Add
Show row weights	
Sidebar First	+ Add
Show row weights	
Sidebar Second	+ Add
Show row weights	
Header First	+ Add
Show row weights	
Header Second	+ Add
Show row weights	
Preface First	+ Add
Show row weights	
Preface Second	+ Add
Show row weights	
Preface Third	+ Add
Show row weights	
Postscript First	+ Add

- calendar
 - ☐ Calendar Legend
- comment
 - ☐ Recent comments
- context_ui
 - ☐ Context editor
 - ☐ Context inspector
- delta_blocks
 - ☒ Logo
 - ☐ Page title
- devel
 - ☐ Evaluate PHP

CREATE A CONTEXT





/admin/structure/context/add

Reactions

Actions to take when this context is active

<Add a reaction>

Blocks

Delta

Content

+ Add

Show row weights

User Bar First

+ Add

Show row weights

User Bar Second

+ Add

Show row weights

Branding

+ Add

Show row weights

Logo

X

Menu

+ Add

Show row weights

Sidebar First

+ Add

Show row weights

Sidebar Second

+ Add

Show row weights

Header First

+ Add

Show row weights

Header Second

+ Add

Show row weights

Preface First

+ Add

Show row weights

Preface Second

+ Add

Show row weights

Preface Third

+ Add

Show row weights

calendar

☐ Calendar Legend

comment

☐ Recent comments

context_ui

☐ Context editor

☐ Context inspector

delta_blocks

☐ Page title

devel

☐ Execute PHP

CREATE A CONTEXT

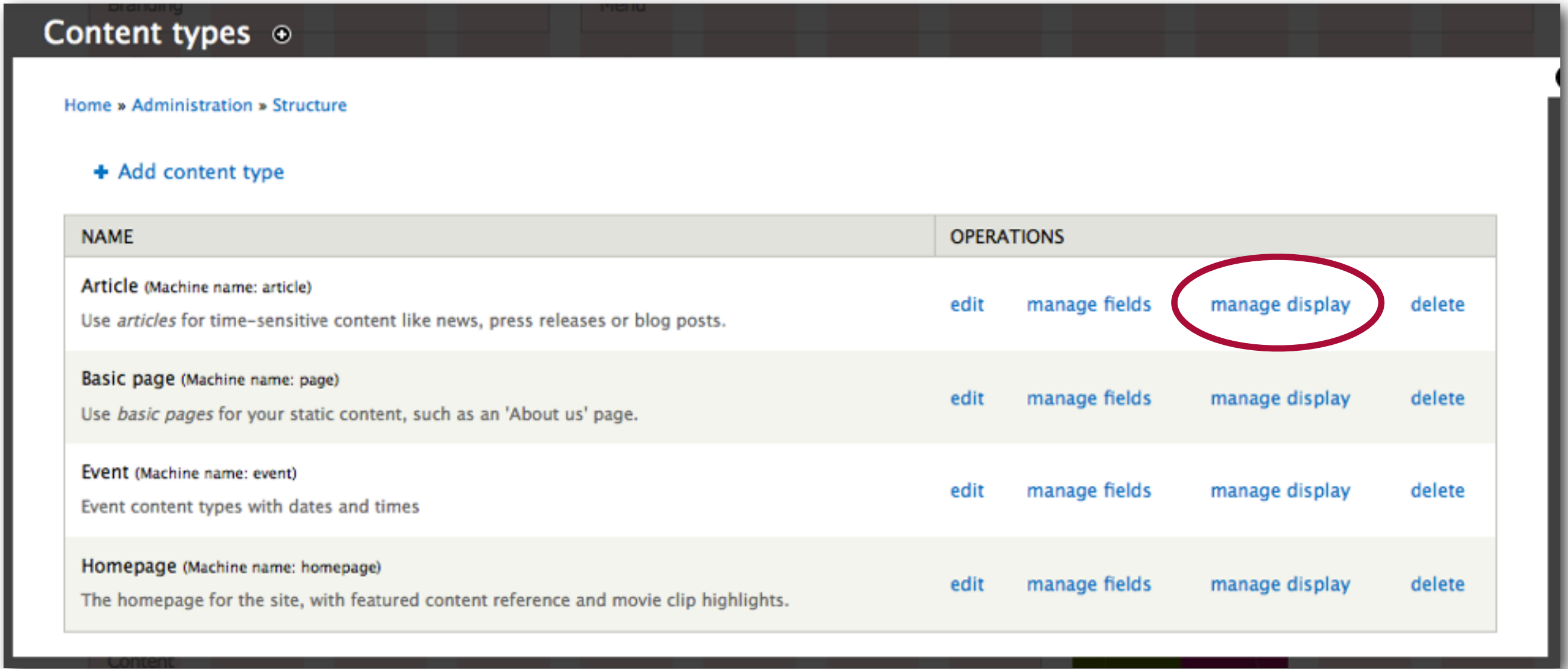
phase://
TECHNOLOGY

And add it to a region. Do this for all the blocks you need.

In this case, we are assigning them as follows: Page title and Main page Content to Content Region, Logo to Branding Region, Main Menu to Menu Region, SOLR Related Content to Sidebar First, Footer menu to Footer First, and Copyright to Footer Second.

DISPLAY SETTINGS

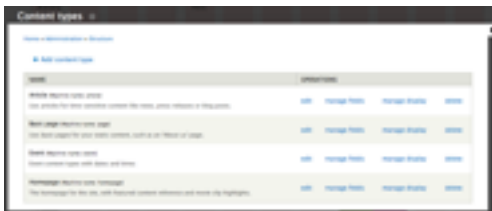
Finally, we are going to tweak the display settings for our content fields.



/admin/structure/types

CONFIGURE DISPLAY SETTINGS





Home » Administration » Structure » Content types » Article

Default

Teaser




Your settings have been saved.

Content items can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. *Teaser* is a short format that is typically used in lists of multiple content items. *Full content* is typically used when the content is displayed on its own page.

Here, you can define which fields are shown and hidden when *Article* content is displayed in each view mode, and define how the fields are displayed in each view mode.

Show row weights

FIELD	LABEL	FORMAT	
Image	<Hidden>	Image	Image style: large 
Body	<Hidden>	Default	
Tags	Above	Link	
Categories	Above	Link	
Hidden			
No field is hidden.			

/admin/structure/types/manage/article/display

CONFIGURE DISPLAY SETTINGS

phase://
TECHNOLOGY



/admin/structure/types/manage/article/display

CONFIGURE DISPLAY SETTINGS

Home » Administration » Structure » Content types » Article

DefaultTeaser

✔ Your settings have been saved.

Content items can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. *Teaser* is a short format that is typically used in lists of multiple content items. *Full content* is typically used when the content is displayed on its own page.

Here, you can define which fields are shown and hidden when *Article* content is displayed in each view mode, and define how the fields are displayed in each view mode.

Show row weights

FIELD	LABEL	FORMAT
Image	<Hidden>	<div>Format settings: Image</div> <div>Image style</div> <div>large</div> <div>None (original image)</div> <div>thumbnail</div> <div>medium</div> <div>large</div> <div>square_thumbnail</div> <div>content_highlight</div> <div>featured_content_block</div> <div>homepage_highlight</div>

Body	<Hidden>	Default
Tags	Above	Link
Categories	Above	Link

Hidden

No field is hidden.

And set the image style to “content_highlight” – the image style we made waaaay back when.

Branding

Preface First

Sidebar Second

Content

Menu

Preface Second

Preface Third

Sidebar First

Navigation

- Calendar

User login

Username *

Password *

[Create new account](#)

[Request new password](#)

Log in

Footer First

Footer Second

Postscript First

Postscript Second



Postscript Third

Postscript Fourth

Omega - From Download to Layout in 45 Minutes

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus dignissim posuere tortor, in viverra elit iaculis ut. Vivamus urna ante, elementum faucibus ultrices eget, hendrerit quis urna. Cras congue nisi non lorem congue lacinia. Proin rutrum rhoncus ligula ut convallis. Aliquam facilisis felis vitae ligula eleifend non gravida felis consequat. Etiam ut justo nec ante sodales eleifend.

Featured Videos:

-  [Statler and waldorf \(excellent\)](#)
-  [Last Night on Earth - Gag Reel - TableTop ep. 15](#)

Powered by [Drupal](#)

Branding



Preface First

Home

Sidebar Second

Content



Abbas aliquip damnum feugiat ideo interdico lobortis metuo tamen verto. Cogo ille nostrud quadrum refero typicus. Adipiscing caecus commodo consequat erat humo refero vereor vulpes. Ad eros ideo jus macto modo si ullamcorper ut uxor.

Acsi aemino aravis humo inhibeo refero singularis suscipere validus. Abbas camur eliao letalis.

Menu

Main menu

Home

Politics

Technology

Entertainment

Weird

Events

Preface Second

Preface Third

Sidebar First

Related Content



Capto Sagaciter Ulciscor

Abigo acsi aliquip ludus mauris nostrud vel vindico. Brevitas...

Read More



Mos Nobis Quis

Abbas aliquip damnum feugiat ideo interdico lobortis metuo...

phase:ll
TECHNOLOGY

Sunday, November 4, 12

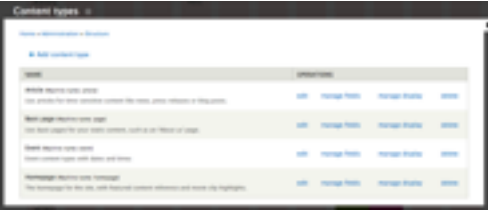
90

Note the addition of the logo, menu, page title, and related content blocks, which were placed with the Context module.

RINSE AND REPEAT

Now, we go through this whole process once more, for the homepage layout. I'm going to take some shortcuts here, though, and just show you the highlights.

We will have one new thing, though, so I hope you haven't finished your coffee.



/admin/appearance/delta/add

Add a new template +

Home » Administration » Appearance » Delta

ADD A NEW DELTA TEMPLATE

Title *

Homepage

Machine name: homepage [Edit]

The human readable name for this template.

Description

Homepage layout

A brief description of this theme settings template.

Theme *

Epsilon ▾

The theme that you want to create this template for.

Parent template

- None - ▾

This option allows you to build hierarchical theme settings. Delta templates that have a parent will always op values") mode.

Operation mode

☒ Only override different values

☐ Override all values

CREATE A DELTA



Sunday, November 4, 1292

Create a new Homepage delta. This new delta will default to using the main theme settings, but we will need to make some changes.

Add a new template >

Home > Administration > Appearance > Delta

ADD A NEW DELTA TEMPLATE

Title *

Machine name content_and_section [Edit]

The human readable name for this template.

Description

Page template for the Content and Section C&S pages

A brief description of this theme settings template.

Theme *

System [2]

The theme that you want to create this template for.

Parent template

None [2]

This option allows you to build hierarchical theme settings. Delta templates that have a parent will always operate in 'parent' ('Only override different values') mode.

Operation mode

☒ Only override different values

☐ Override all values

This setting controls the way that settings are being stored and overridden.

Appearance >

Home > Administration > Appearance

Content, Layout, and Section has been created.

ADD

EDIT

Theme

System [2]

Search

Apply

Reset

Content and Section

Page template for the Content and Section C&S pages

Section

Parent

Normal

Configuration

Help

Details

Code

Export

Content types >

Home > Administration > Content

ADD CONTENT TYPE

Name	Operations
Block content type	Edit Manage Fields Manage Views Delete
Page content type	Edit Manage Fields Manage Views Delete
Page content type	Edit Manage Fields Manage Views Delete
Page content type	Edit Manage Fields Manage Views Delete
Page content type	Edit Manage Fields Manage Views Delete

Add a new template >

Home > Administration > Appearance > Delta

ADD A NEW DELTA TEMPLATE

Title *

Machine name homepage [Edit]

The human readable name for this template.

Description

Homepage layout

A brief description of this theme settings template.

Theme *

System [2]

The theme that you want to create this template for.

Parent template

None [2]

This option allows you to build hierarchical theme settings. Delta templates that have a parent will always operate in 'parent' ('Only override different values') mode.

Operation mode

☒ Only override different values

☐ Override all values

This setting controls the way that settings are being stored and overridden.



Homepage Column Settings



Sunday, November 4, 12

Looking at our home page, we can see some changes and additions. The content is now only 4 grid columns, while the sidebar with the highlight image in it is 8 columns.

Add a new template

Home » Administration » Appearance » Delta

ADD A NEW DELTA TEMPLATE

Title *

Content and sections ☐
☒

The human readable name for this template.

Description

Page template for the Content and Section List pages.
A brief description of this theme settings template.

Theme *

The theme that you want to create this template for.

Parent template

Operation mode
☒ Only override different values.
☐ Override all values

This setting controls the way that settings are being stored and overrides.

[illegible]

name	comment
default resource type group This resource type group contains the most generic resources in the catalog.	edit manage fields manage fields delete
local usage resource type group This resource type group contains resources that are local to the usage.	edit manage fields manage fields delete
global resource type group This resource type group contains global resources.	edit manage fields manage fields delete
management resource type group This resource type group contains resources used for management.	edit manage fields manage fields delete

Add a new template

Home » Administration » Appearance » Delta

ADD A NEW DELTA TEMPLATE

Title *
 Homepage name: homepage [help]
 The human readable name for this template.

Description

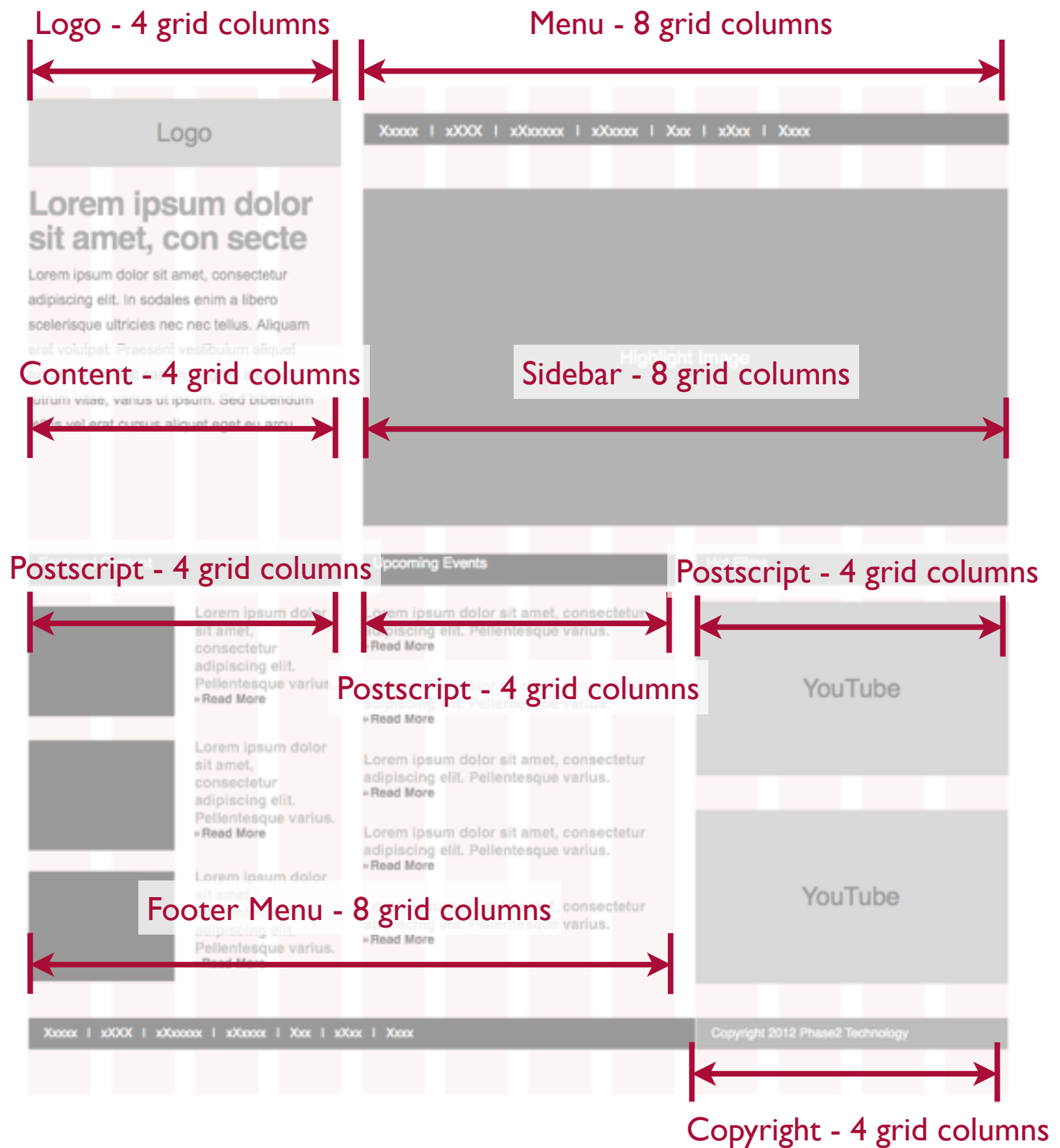
 A brief description of this theme settings template.

Theme *

 The theme that you want to create this template for.

Parent template
 None [help]
 This option allows you to build hierarchical theme settings. (Delta templates that have a parent will always require a "None" mode.)

Operation mode
☒ Only override different values
☐ Overwrite all values.



HOMEPAGE COLUMN SETTINGS



Additionally, there's a new postscript zone, that's three regions of four grid columns each.

Content types

NAME	THEME	ANCESTORS	MODE	STORAGE	OPERATIONS
Empty theme only page					
Page template for the Content and Section List pages	Epsilon		Preserve	Normal	Configure Edit Disable Delete Clone Export
Homepage layout	Epsilon		Preserve	Normal	Configure Edit Disable Delete Clone Export

Add a new template

ADD A NEW DELTA TEMPLATE

Title
Homepage
The human readable name for this template.

Description
Homepage layout
A brief description of this theme settings template.

Theme
Epsilon
The theme that you want to create this template for.

Parent template
None
This option allows you to build hierarchical theme settings. Delta templates that have a parent will always override the parent's mode.

Operation mode
☒ Only override different options
☐ Override all values



Home » Administration » Appearance

+ Add + Import

Theme Storage Enabled Search

- All - - All - - All -

Apply Reset

NAME	THEME	ANCESTORS	MODE	STORAGE	OPERATIONS
Content and Sections					Configure Edit Disable Delete Clone Export
Page template for the Content and Section List pages	Epsilon		Preserve	Normal	Configure Edit Disable Delete Clone Export
Homepage	Epsilon		Preserve	Normal	Configure Edit Disable Delete Clone Export

/admin/appearance/delta

Homepage COLUMN SETTINGS



Sunday, November 4, 12

Click “Configure” at admin/appearance/delta on the Homepage layout.

Add a new template

Home » Administration » Appearance » Delta

ADD A NEW DELTA TEMPLATE

Title *
Homepage
The human readable name for this template.

Description
Homepage description
A brief description of this theme settings template.

Theme *
Spoken 2.0
The theme that you want to create this template for.

Parent template
None
This option allows you to build hierarchical theme settings. Delta templates that have a parent will always be set to 'Preserve' mode.

Operation mode
☒ Only override different values
☐ Override all values



Home » Administration » Appearance

» All » Layout

Theme	Settings	Enabled	Search	Apply	Reset
Spoken	Configure	On	Disable	Save	Clear
Homepage	Configure	On	Disable	Save	Clear

/admin/appearance/delta/list/homepage/configure

You are currently editing the Delta template *Homepage*. This template operates in *Preserve* mode.

Layout configuration

Grid settings

Zone and region configuration

Debugging

Toggle libraries

Toggle styles

Toggle advanced elements

HEADER SECTION

► **BRANDING ZONE**

CONTENT SECTION

► **PREFACE ZONE**

► **CONTENT ZONE**

► **POSTSCRIPT ZONE**

FOOTER SECTION

► **FOOTER ZONE**

UNASSIGNED ZONES

UNASSIGNED REGIONS

Homepage Column Settings

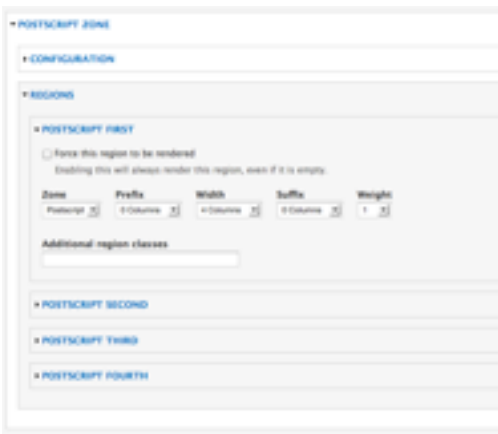


What you’ll see at this point is the same interface as the theme settings. That’s the beauty of Delta: It gives us the ability to customize theme settings for individual pages or sections of the site.

In this case, I’m going to set the column widths for the Content region and Sidebar First region to 4 and 8, respectively – a reversal of their original settings.

CCK BLOCKS

CCK Blocks is a cool little module that allows you to assign CCK fields to blocks, rather than having them print in the content area.



/admin/structure/types/manage/homepage/fields

CCK BLOCKS

phase:ll
TECHNOLOGY

At the Manage fields page for the Homepage content type, we are going to edit each of the fields we want to add to blocks – in this case, Image and Featured Videos.

Home > Administration > Configuration > Regions

Home > Administration > Configuration > Regions

Regions

Name	Zone	Prefix	Suffix	Weight	Operations
Europe and Western Asia	Europe	Western	Europe	1	Configure Edit Delete Clone Import
North America	North America	North America	North America	2	Configure Edit Delete Clone Import

POSTSCRIPT ZONE

CONFIGURATION

REGIONS

POSTSCRIPT FIRST

☐ Force this region to be rendered

Enabling this will always render this region, even if it is empty

Zone: Postscript Prefix: Postscript Suffix: Postscript Weight: 1

Additional region classes:

POSTSCRIPT SECOND

POSTSCRIPT THIRD

POSTSCRIPT FOURTH

Homepage

Home > Administration > Configuration > Content Types > Homepage

Fields

Field	Field Type	Widget	Operations
1. Title	Text	Text	Configure Edit Delete Clone Import
2. Body	Text	Text	Configure Edit Delete Clone Import
3. Image	Image	Image	Configure Edit Delete Clone Import
4. Featured Content	Text	Text	Configure Edit Delete Clone Import
5. Featured Video	Text	Text	Configure Edit Delete Clone Import
6. All other fields	Text	Text	Configure Edit Delete Clone Import

Upload destination

☒ Public files

Select where the final files should be stored. Private file storage has significantly more overhead than public storage within this field.

Default image

If no image is uploaded, this image will be shown on display.

Provide block for this field

☐ Disabled

☒ Enabled

When enabled, this field becomes available as a block in the block admin page. Overridden by content type settings.

/admin/structure/types/manage/homepage/fields/field_image

CCK BLOCKS

phase:II
TECHNOLOGY

Sunday, November 4, 12

At the very bottom, you can see there's a new option – “Provide block for this field”. We'll set this to “Enabled”. We do this for both the Image field and the Featured Videos.



Homepage

EDITMANAGE FIELDSMANAGE DISPLAYCOMMENT FIELDSCOMMENT DISPLAY

DefaultFull contentTeaserCCK Blocks

[Home](#) » [Administration](#) » [Structure](#) » [Content types](#) » [Homepage](#)

Content items can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. *Teaser* is a short format that is typically used in lists of multiple content items. *Full content* is typically used when the content is displayed on its own page.

Here, you can define which fields are shown and hidden when *Homepage* content is displayed in each view mode, and define how the fields are displayed in each view mode.

Show row weights

* Changes made in this table will not be saved until the form is submitted.

FIELD	LABEL	FORMAT
<div></div> Body	<Hidden>	Default
Hidden		
<div></div> Image	Above	<Hidden>
<div></div> Featured Videos	Above	<Hidden>
<div></div> Featured Content*	Above	<Hidden>

/admin/structure/types/manage/homepage/display

MANAGE FIELD DISPLAY



Sunday, November 4, 12

Now, in the Manage Display settings, on the Default view mode, we move Image and Featured Content to “Hidden”...

POSTSCRIPT ZONE

CONFIGURATION

REGIONS

POSTSCRIPT FIRST

Force this region to be rendered

Enabling this will always render this region, even if it is empty.

Zone

Prefix

Width

Suffix

Weight

Postscript

0 Columns

0 Columns

0 Columns

1

0

Additional region classes

POSTSCRIPT SECOND

POSTSCRIPT THIRD

POSTSCRIPT FOURTH

Homepage

Home » Administration » Structure » Content types » Homepage » Manage display

Label	Machine name	Field type	Widget	View mode	Weight
1 Title	title	Text (with automatic formatting)	Text (with automatic formatting)	Default	100
2 Main	main	Text (with automatic formatting)	Text (with automatic formatting)	Default	100
3 Image	image	Image	Image	Default	100
4 Featured content	featured-content	Text (with automatic formatting)	Text (with automatic formatting)	Default	100
5 Featured image	featured-image	Text	Text (with automatic formatting)	Default	100
6 All other content	all-other-content	Text (with automatic formatting)	Text (with automatic formatting)	Default	100

Upload destination

Public files

Select where the final files should be stored. Private file storage has significantly more overhead than public file storage.

Default image

Browser... Upload

If no image is uploaded, this image will be shown on display.

Provide block for this field

Disabled

Enabled

When enabled, this field becomes available as a block in the block admin page. Overridden by content type settings.

Save settings

Homepage

Home » Administration » Structure » Content types » Homepage » Manage display

Changes made to this table will not be saved until the form is submitted.

Field	Label	Format
1 Title	title	Text (with automatic formatting)
2 Main	main	Text (with automatic formatting)
3 Image	image	Image
4 Featured content	featured-content	Text (with automatic formatting)
5 Featured image	featured-image	Text
6 All other content	all-other-content	Text (with automatic formatting)

Homepage

EDIT

MANAGE FIELDS

MANAGE DISPLAY

COMMENT FIELDS

COMMENT DISPLAY

Default

Full content

Teaser

CCK Blocks

Show row weights

FIELD	LABEL	FORMAT	View mode: Default
Featured Videos	<Hidden>	Rendered file	
Image	<Hidden>	Rendered file	
Hidden			
Featured Content	Above	<Hidden>	
Body	Above	<Hidden>	

Save

/admin/structure/types/manage/homepage/display

MANAGE FIELD DISPLAY

Sunday, November 4, 12

...and in the CCK Blocks settings, move them OUT of hidden. We then choose their Formats...

102

POSTSCRIPT ZONE

CONFIGURATION

REGIONS

POSTSCRIPT FIRST

Force this region to be rendered
Enabling this will always render this region, even if it is empty.

Zone Prefix Width Suffix Weight

Postscript 0 0 Column 0 0 Column 0 0 Column 0 0 Column 0 1 0

Additional region classes

POSTSCRIPT SECOND

POSTSCRIPT THIRD

POSTSCRIPT FOURTH

Homepage

Home Administration Structure Content types Homepage Manage display

Show row weights

FIELD	LABEL	FORMAT	View mode: Default
Featured Videos	<Hidden>	Rendered file	
Image	<Hidden>	Rendered file Rendered file Image <Hidden>	
Hidden			
Featured Content	Above	<Hidden>	
Body	Above	<Hidden>	

Save

Upload destination

Public files

Select where the final files should be stored. Private file storage has significantly more overhead than public file storage.

Default image

Browser Upload

If no image is uploaded, this image will be shown on display.

Provide block for this field

Disabled

Enabled

When enabled, this field becomes available as a block in the block admin page. Overridden by content type.

Save settings

Homepage

Home Administration Structure Content types Homepage Manage display

Show row weights

Changes made to this table will not be saved until the form is submitted.

FIELD	LABEL	FORMAT	View mode: Default
Featured Videos	<Hidden>	Rendered file	
Image	<Hidden>	Rendered file Rendered file Image <Hidden>	
Hidden			
Featured Content	Above	<Hidden>	
Body	Above	<Hidden>	

/admin/structure/types/manage/homepage/display

MANAGE FIELD DISPLAY



...setting Image to “Image”. Click the little gear icon and ...

[illegible]

MANAGE FIELD DISPLAY

phase://
TECHNOLOGY

I'm going to cheat right here, and configure the featured videos as well, which is a delve into media module we don't have time for today. The short version is that Media uses our image styles to set some defaults on the output and render them the same size as the "content_highlight" style.

Homepage

Label	Associated name	File & Title	Block?	Block?
1 Title	Title	Make visible above		
2 Main	Main	Using text and content	That was with a content	add remove
3 Image	Main image	Image	Image	add remove
4 Featured Content	Main, featured content	Using featured	Featured content	add remove
5 Featured Video	Main, featured video	Video	Media file video	add remove
6 Left post settings	Left	Left sidebar form element		

add new field

Label

Type of data to store

Block is visible

Form element to add the data

Upload destination

Public file

Select where the final file should be stored. Private file storage has significantly more overhead than public file storage.

Default image

Browser Upload

If no image is uploaded, this image will be shown on display.

Provide block for this field

Disabled

Enabled

When enabled, this field becomes available as a block in the block admin page. Overridden by content type.

Save settings

Homepage

Content type can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. Teaser is a content format that is typically used in lists of multiple content items. Full content is typically used when the content is displayed in its own page.

When you are editing which fields are shown and hidden when displaying content in different view modes, and define how the fields are displayed in each view mode.

Changes made in this table will not be saved until the form is submitted.

Label	Label	Content?
1 Main	main	Content?
2 Image	image	Image?
3 Featured Content	featured content	Featured content?

Homepage

Content type can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. Teaser is a content format that is typically used in lists of multiple content items. Full content is typically used when the content is displayed in its own page.

When you are editing which fields are shown and hidden when displaying content in different view modes, and define how the fields are displayed in each view mode.

Changes made in this table will not be saved until the form is submitted.

Label	Label	Content?
1 Main	main	Content?
2 Image	image	Image?
3 Featured Content	featured content	Featured content?

Add a new context

Home » Administration » Structure » Context

Name *

homepage

The unique ID for this context.

Tag

Layout

Example: theme

A tag to group this context with others.

Description

Homepage layout

The description of this context definition.

Require all conditions

If checked, all conditions must be met for this context to be active. Otherwise, the first condition that is met will activate this context.

Conditions

Trigger the activation of this context

<Add a condition>

Path

<front>

Set this context when any of the paths above match the page path. Put each path on a separate line. You can use the asterisk (*) as a wildcard and the - character (tilde) to exclude one or more paths. Use <front> for the site front page.

/admin/structure/context/add

Homepage Context



Finally, we’ll create the Homepage context. It is pretty much the same as before; we’ll name it, assign it to “<front>”, and pick the newly-created “Homepage” delta. Then we’ll assign blocks.

In this context, the blocks all get assigned to the same places as in our other context, with a few exceptions. We don’t assign page title at all; we put the Featured Content View block in Postscript First, and the Upcoming Events block in Postscript Second.

Upload destination

Public files

Select where the final files should be stored. Private file storage has significantly more overhead in within this field.

Default image

Browse

Upload

If no image is uploaded, this image will be shown on display.

Provide block for this field

Disabled

Enabled

When enabled, this field becomes available as a block in the block admin page. Overridden by cont

Save settings

Homepage

Block

Content type

Content type

Content type

Block

Content type

Content type

Image

Block

Content type

Response Video

Block

Content type

Response Content

Block

Content type

Homepage

Block

Content type

Content type

Content type

Block

Content type

Content type

Image

Block

Content type

Response Video

Block

Content type

Response Content

Block

Content type

Add a new context

Block

Content type

Block

Content type

Content type

Image

Block

Content type

Response Video

Block

Content type

Response Content

Block

Content type

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus dignissim posuere tortor, in viverra elit iaculis ut. Vivamus urna ante, elementum faucibus ultrices eget, hendrerit quis urna. Cras congue nisi non lorem congue lacinia. Proin rutrum rhoncus ligula ut convallis. Aliquam facilisis felis vitae ligula eleifend non gravida felis consequat. Etiam ut justo nec ante sodales eleifend.

This is a debugging block

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Abico Paulatim

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Postscript Third

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0:00 / 5:40

YouTube

Homepage Output



Sunday, November 4, 12

Here's how they output.



Add a new context

Name *

Homepage

The unique ID for this context.

Tag

Homepage

A tag to group this context with others.

Description

Homepage

The description of this context definition.

☐ Requires all conditions

If checked, all conditions must be met for this context to be active. Otherwise, the first condition that is met will activate this context.

Conditions

Trigger the activation of this context

Path

Set this context when any of the paths below match the page path. For each path on a separate line. You can use * as a wildcard and the - character to exclude one or more paths. Use <none> for the site!

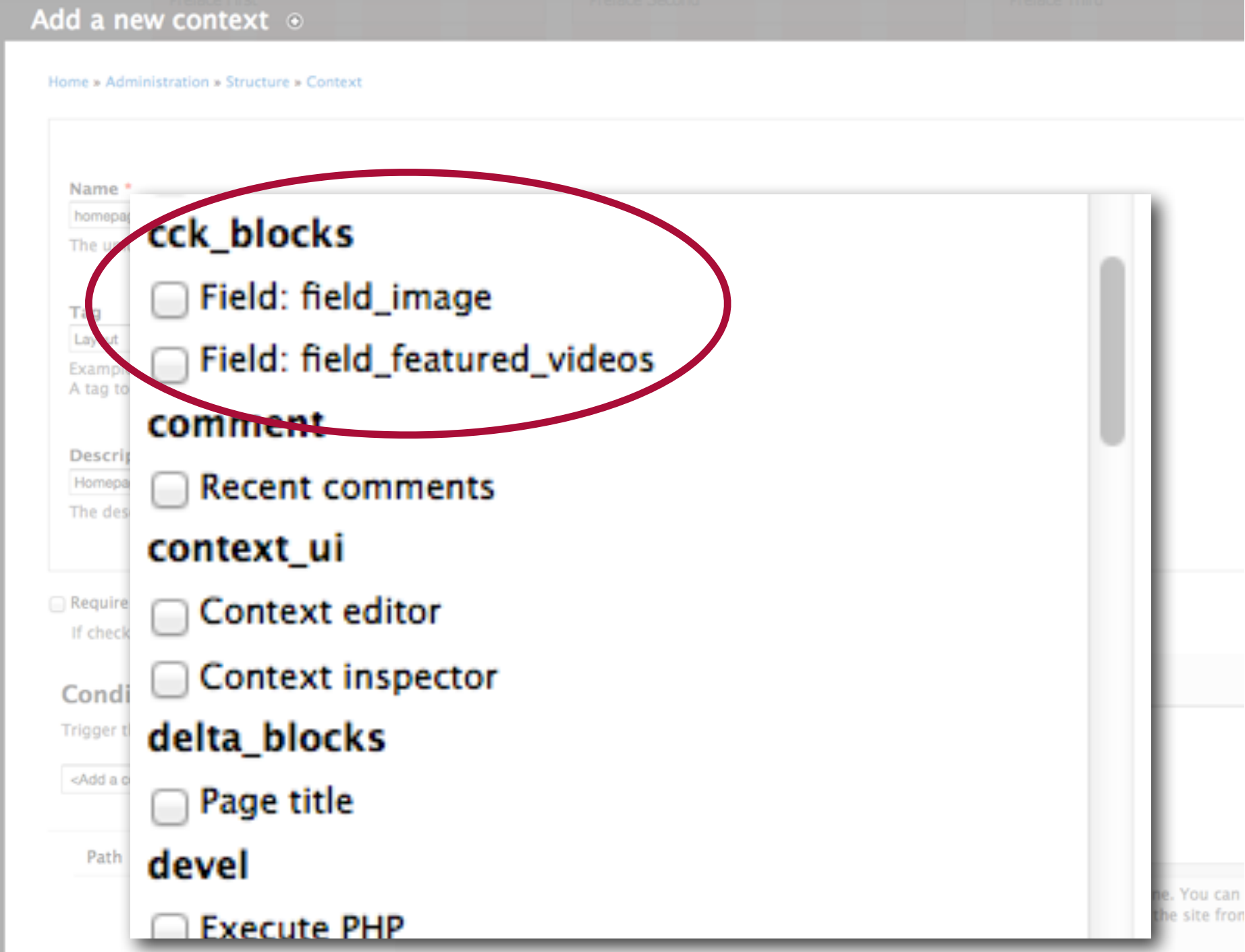


/admin/structure/context/add

HOMEPAGE CONTEXT

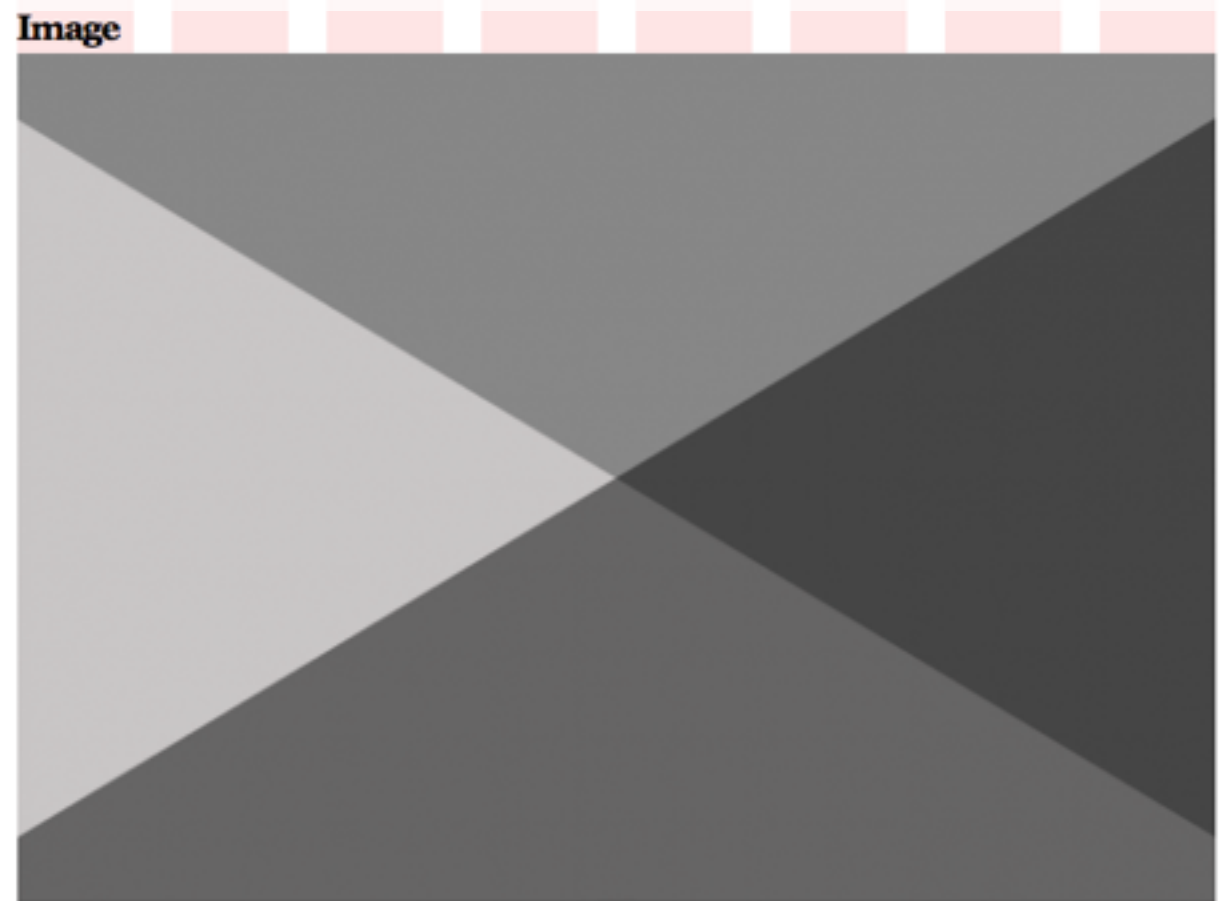


Additionally, we assign the two blocks provided by cck_blocks – Image field, to the Sidebar First region, and Featured Videos to the Postscript Third region.



cck_blocks
☐ Field: field_image
☐ Field: field_featured_videos
comment
☐ Recent comments
context_ui
☐ Context editor
☐ Context inspector
delta_blocks
☐ Page title
devel
☐ Execute PHP

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This is a debugging block

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HOMEPAGE OUTPUT

phase://
TECHNOLOGY

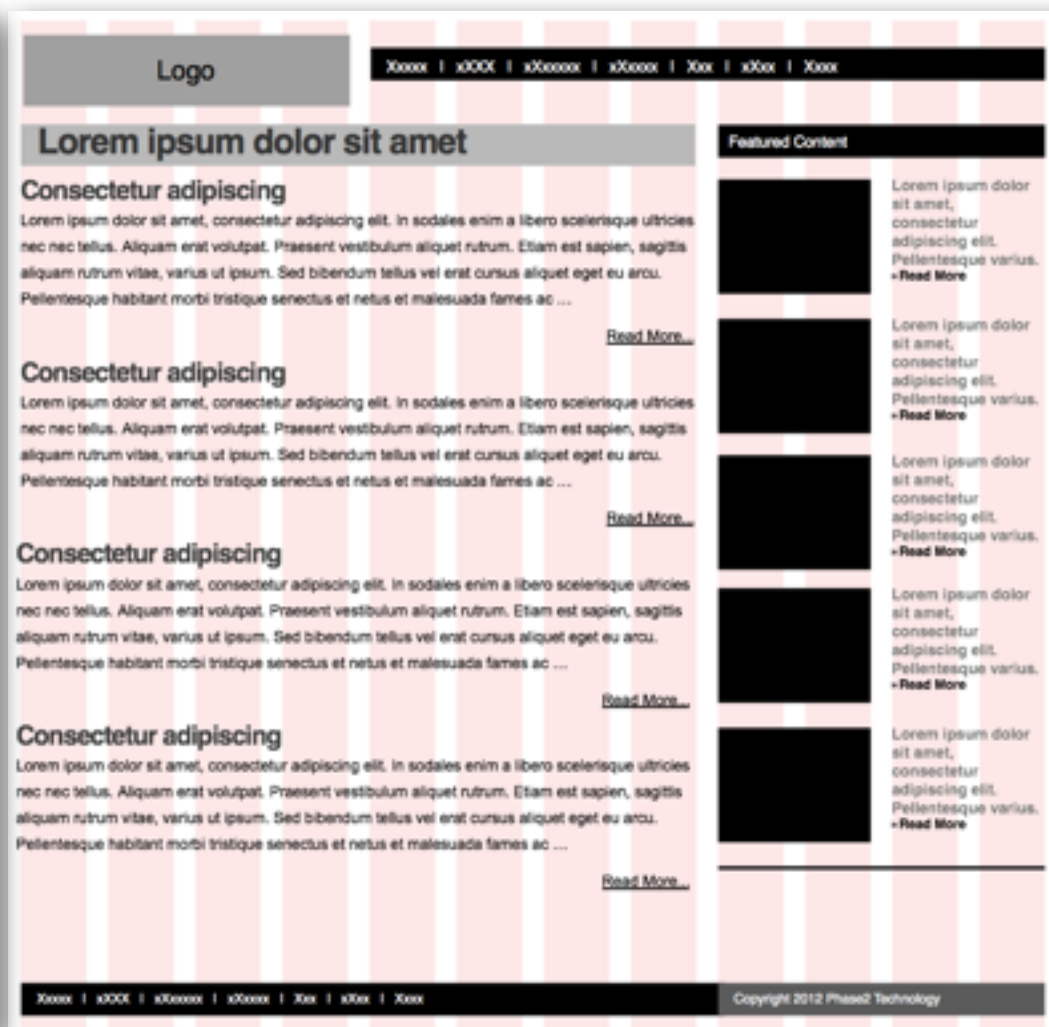
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And what's it look like all together?

HOMEPAGE

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CONTENT PAGE



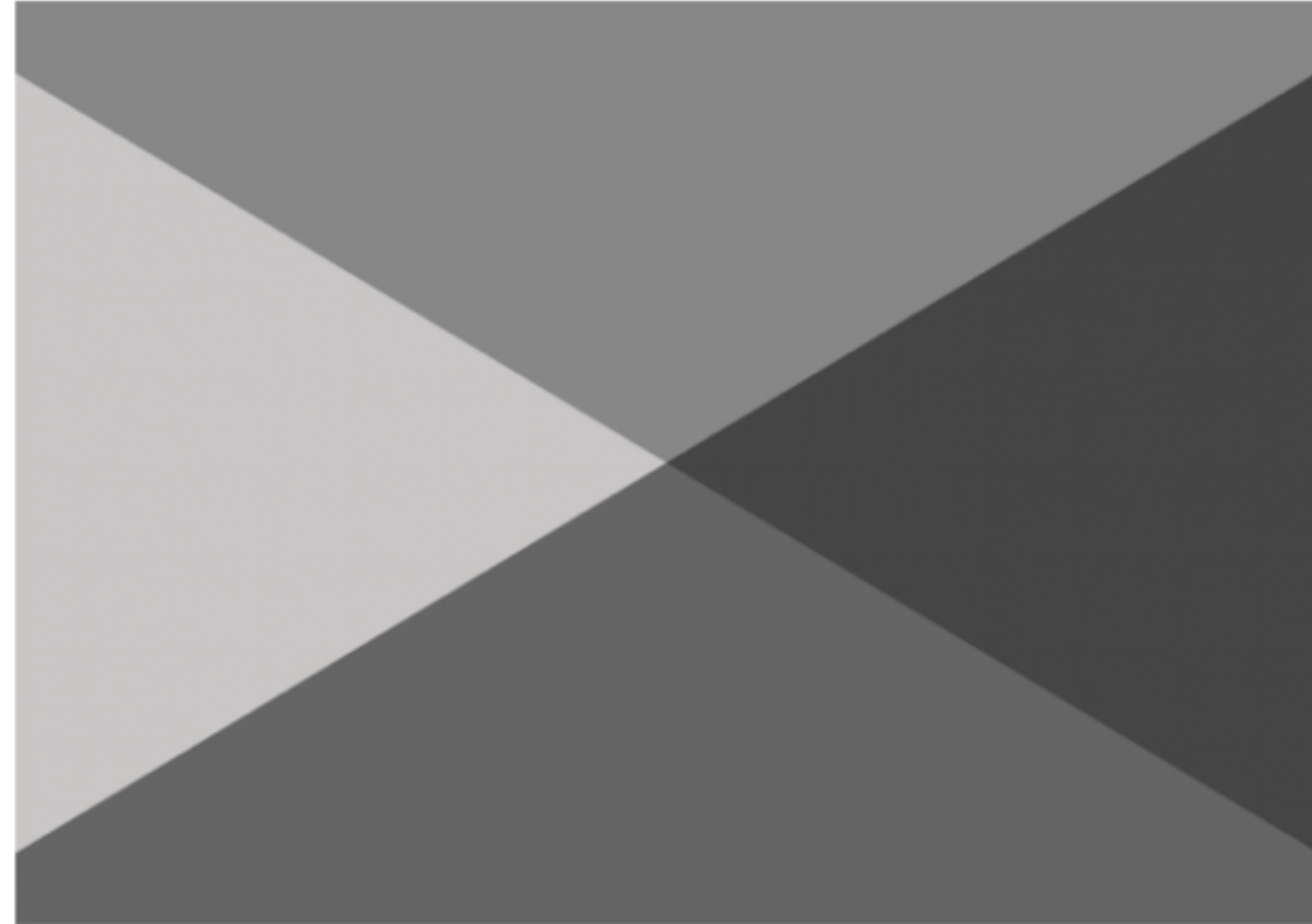
WIREFRAMES





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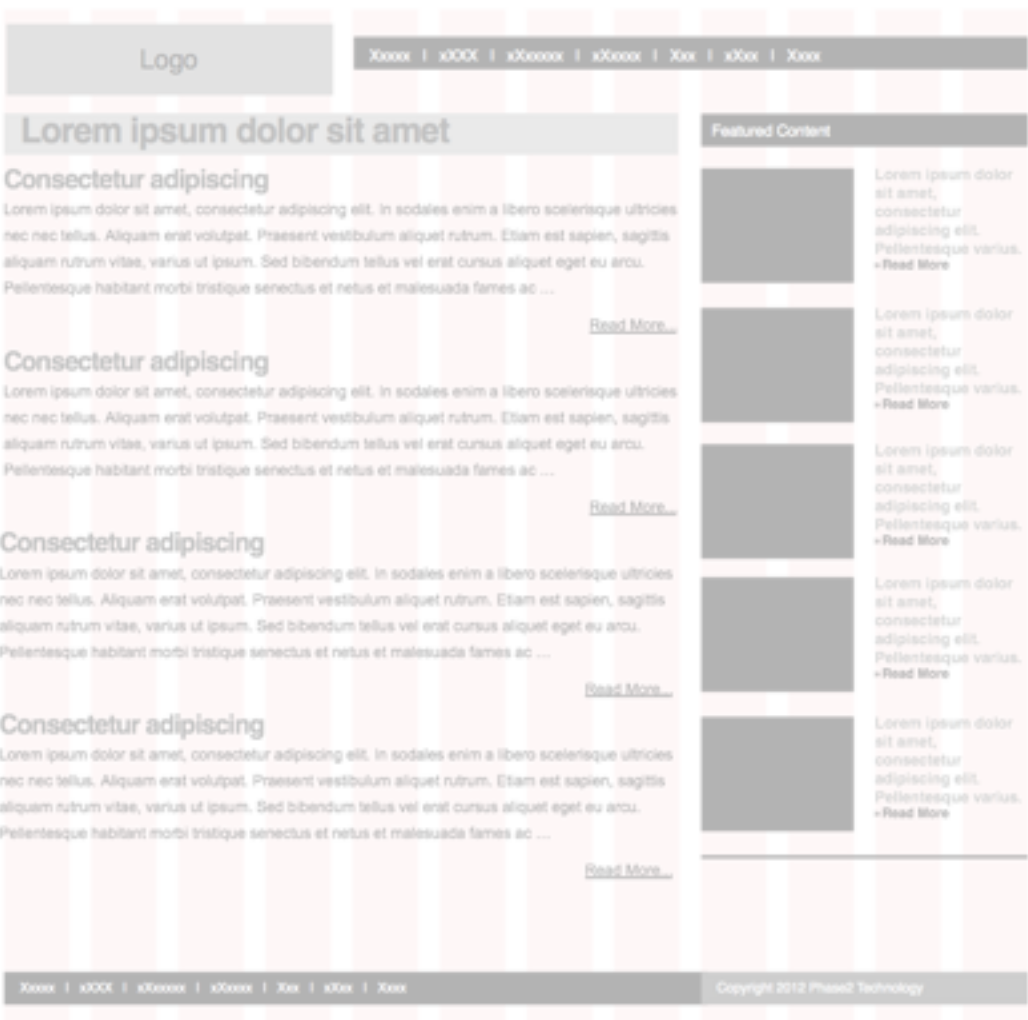
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Technology

Imputo Saepius Ulciscor Valetudo

 [imagefield_3Btp5.jpg](#)

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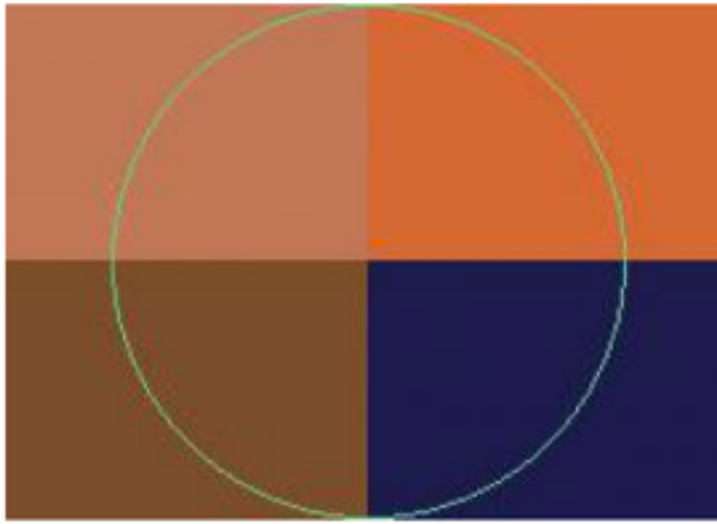
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Placeholder text for the main content area.

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Technology

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Now... I know it doesn't look exactly like the wireframes – there's a few bits and pieces of cleanup left, and a ton of CSS. But that's the point – there's **only** CSS left. Everything is in its proper place, and we haven't written a single line of code to get here.

That's the magic of Omega.

OMEGA 4.X

I promised a preview of Omega 4. And while it's still in Alpha, we do know some things about it.

OMEGA 4.X PREVIEW

- Pluggable Extensions

The major difference between 3 and 4 is the introduction of extensions.

Extensions serve as a set of features / group of functionality that can be disabled / enabled as a whole – they can provide theme settings and other core features for the theming framework.

OMEGA 4.X PREVIEW

- Pluggable Extensions
- Small-core code reduction

As the extensions replace what was core theme functionality, the base theme's codebase is also reduced in size.

OMEGA 4.X PREVIEW

- Pluggable Extensions
- Small-core code reduction
- Layouts

Another new idea is the addition of layouts, which are pre-configured sets of page structures – much like what we generated with delta, but without an admin interface. Think of it like an alternate page.tpl.php with CSS, JS and PHP code that belong only to it.

At its most basic, it's a combination of a .info file and a page.tpl file.

There is additionally talk of a layout builder that works somewhat like Delta works, which will allow you to build layouts from an admin interface.

OMEGA 4.X PREVIEW

- Pluggable Extensions
- Small-core code reduction
- Layouts
- Delta and Context might be unnecessary

Still in exploration is the way these layouts are triggered and used. It might be that Delta and Context become unnecessary, though at this stage it seems more like Delta and Context will be one of several possible ways to handle varying layouts; others include Panels and custom code.

OMEGA 4.X PREVIEW

- Pluggable Extensions
- Small-core code reduction
- Layouts
- Delta and Context might be unnecessary
- Support for any Grid System (but especially Omega.gs)

Rather than tying down to 960gs, Omega will now support any grid system, including Susy, Zen Grid, and a newly developed Omega.gs (which will of course be the new default).

OMEGA 4.X PREVIEW

- Pluggable Extensions
- Small-core code reduction
- Layouts
- Delta and Context might be unnecessary
- Support for any Grid System (but especially Omega.gs)
- Sass is included, with .scss files and config.rb

OMEGA 4.X PREVIEW

- Pluggable Extensions
- Small-core code reduction
- Layouts
- Delta and Context might be unnecessary
- Support for any Grid System (but especially Omega.gs)
- Sass is included, with .scss files and config.rb
- Performance enhancements

With the reduction of the code base, and preprocessing of CSS and a number of other changes, this new version is reducing overhead on the server and the client side. This is good for all concerned.

WHAT IT DOESN'T INCLUDE

- Layout Builder

What **doesn't** it include?

Well, one notable exclusion is the core of what we've just done – a layout builder. Omega Core in 4.x, in its current state, contains no functionality that will allow a developer to do site layout like we've just done in 3.x.

I've been pushing – hard – on the Omega maintainers to build such a tool as either an extension or a module before releasing a full version, and they have agreed that it is a good idea. So, we'll see.

IMPORTANT LINKS

- <http://960.gs> Great tutorials and demos on 960gs.
- omnigraffle template available as part of 960gs source code at <https://github.com/nathansmith/960-grid-system/>
- #drupal-omega

That about wraps up our presentation. Here are a few important links and references for you.

read references

QUESTIONS?



JOSHUA TURTON

Senior Developer

jturton@phase2technology.com

@sjinteractive

srjosh on drupal.org, IRC and github

Thank you all so much for coming. This is my contact information; please feel free to reach out to me.

(If time, open for questions)



phase2technology.com

@phase2tech