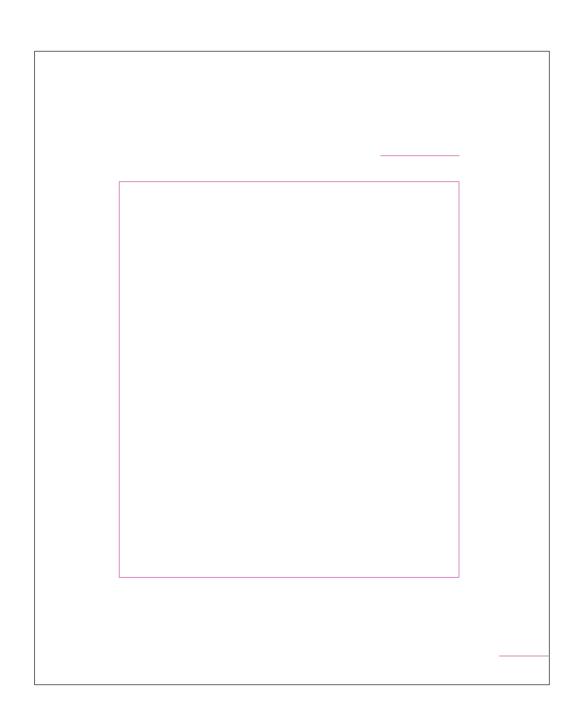
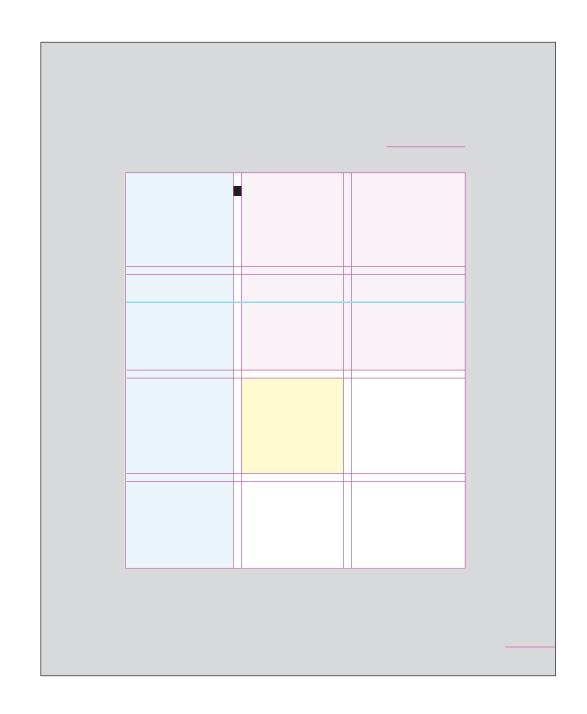
What is a Grid?

A grid is a series of horizontal and vertical guides used by a designer to help organize and place information within a designated space. These guides act as the underlying structure behind the design.



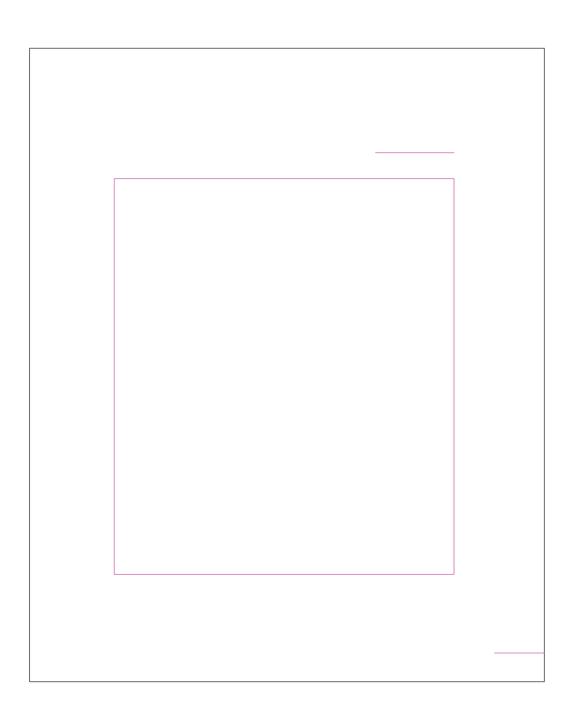
Anatomy of a grid

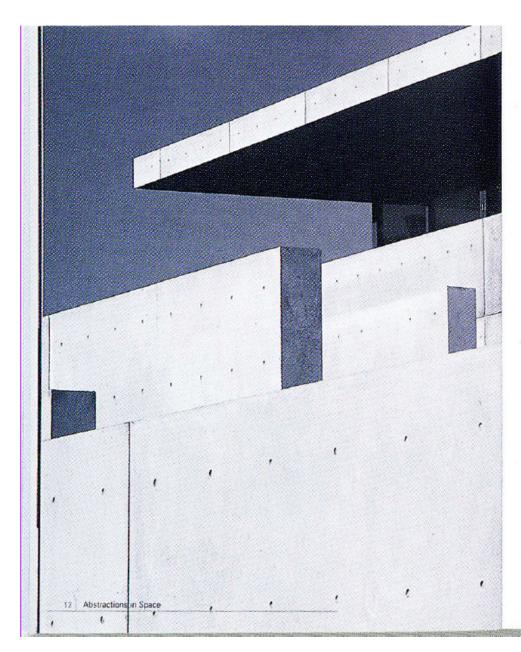
- Margins are the white space between the edges of the page and the content on the page.
- Columns are the vertical containers that create divisions in the live area to hold content.
- Gutter width
- Flowlines are the standard alignments that help to guide the viewer across the page.
- Modules are the individual units of space separated by standard intervals, that when repeated across the page create row or columns.
- Spatial zone are distinct areas formed by combining groups of modules.
- Header/Footer: These may include the title,chapter, section, author, folio (folio = page number)



Manuscript Grid is the simplest kind of grid structure

The base structure is a large rectangular area that takes up most of the page. Its job is to accommodate extensive continuous text, like a book or long essay, and it developed from the tradition of written manuscript that eventually lead to book printing.





Spaces Between

William J.R. Curtis July 2001

"... only in vacuum lay the truly essential. The reality of a room, for instance, was to be found in the vacant space enclosed by the roof and the walls, not in the roof and walls themselves. The usefulness of a water pitcher dwelt in the emptiness where water might be put, not in the form of the pitcher or the material from which it was made".

Okakura Kakuzo The Book of Tea, 1906

Architecture was once considered the mother of the arts embracing painting and sculpture in a hierarchy of values. But these distinctions and definitions have long since fallen away, even though in the modern period there have been repeated attempts at synthesizing the arts as a model of a supposed integrated society. The Pulitzer Foundation for the Arts in St Louis, designed by the Japanese architect Tadao Ando, cannot be said to share these aims, but it does set out to establish an institution devoted to the experience, contemplation, and study of a collection of modern works of high quality. As an initial step in this mission, it has included two major commissions to go with the building, one a "Wall Sculpture" by Ellsworth Kelly, the other a "Torqued Spiral" steel sculpture by Richard Serra. These do not fit into easily definable aesthetic categories, and part of the richness of the situation lies in the interrelationship between these pieces and the architectural space which they inhabit.



OS 12 MAY 1825 THE WEWBERS of the Pickwick Club in London unanimously approved several resolutions. They beard with 'feelings of unmingled satisfaction' Samuel Pickwick's paper entitled 'Speculations on the Source of the Hampstead Ponds, with Some Observations on the Theory of Tittlebats'. Pickwick and three others proposed that they form a new branch of United Pickwickians, to be called The Corresponding Society of the Pickwick. Club, whose members would send back to London reports of their adventures and travels. The proposal was accepted and club members thought it a good idea that the 'Icarned man' Pickwick should travel more widely, 'enlarging his sphere of observation, to the advancement of knowledge, and the diffusion of learning'. The adventures of Pickwick and his friends were published as The Pestumos Papers of the Rishad Club (later known simply as The Pickwick Papes) by Chapman and Hall, in 20 monthly instalments from March 1836 to October 1837. The first chapters weren't popular and only 500 copies of the second instalment were printed. But the story eventually captured the public's imagination and 40,000 copies of the final part were produced. Charles Dickens, in his mid-twenties, had completed his first novel and became famous.

On 12 May 1840 the members of The Pickwick Club of New Zealand met at Mr W. Elsdon's Commercial line and Tavern in Willis Street, Port Nicholson. It was just four months since the first New Zealand Company settlers arrived to establish what is now the capital city of New Zealand. The company purchased land from Maori at Port Nicholson, around Wellington Harbour, and the first shipload of emigrants arrived on the Assow in



4 Report of the **Supervisory Board**

The Group's sales reached nearly US \$3.6 billion in 2006 with a total net trading area of approximately 466,000 m2. In 2006, approximately 446 million people shopped at the Group's stores. More than 33,000 people work at the Group. As of 31 December 2006, the total number of the Group's stores (including franchises) was 1,234.

Today, Pensirestok is one of the leading national supermaries shains and one of the first chains in the history of domestic retail. The chain consists of three store formatic convenience stores, supermarkets and city hypermarkets. The first Perelimental store was opened in Moscow in September 1996. Pereinvelok's Net sales was US \$373 million in 2003 and by the end of 2006 net. sales reached US \$1.5 billion. As of April 2017, Pereirretok stores operated in 15 Russian regions, including Moscow and the Moscow region, St. Petersburg, Samara, Kasan, Tolyatti, Volpograd, Nighny Novgorod, Voronezh, Lipetak, Rostov-on Gon, Krasnodar, Yaroslavi, keshkar Ola, Cheboksary and others. In 2005, Perekrestok entered into other CIS markets by acquiring the SPAR supermarket. chain in Ukraine. The Pysterochka soft discounter chain was founded in 1999. By the beginning of 2000, the company consisted of 16 stores and turnover for 2000 was US \$70 million. By the end of 2006, Pysterochia's net sales were US \$1.97 billion. At December 31, 2006, Pysterochia and its franchised stores had a presence in 12 Russian regions, Kassithstan and Ukraine. In May 2006,

Today, Perekrestok is one of the leading national supermarket chains and one of the first chains in the history of domestic retail. The chain consists of three store formatic convenience stores, supermarkets and ply hypermarkets. The first Pereliventok store was opened in Moscow in September 1996. Persicretok's Net sales was US \$379 million in 2003 and by the end of 2006 net sales reached US \$1.5 billion. As of April 2007, Perekrestok stores operated in 15 Russian regions, including Moscow and the Moscow region, St. Petendurg, Samara, Kasan, Tolyatti, Volpograd, Nishny Novgorod, Voronesh, Lipetak, Rostov- on-Oon, Krasnodar, Yaroslavi, Ioshkur-Ola, Cheboksary and others, in 2006, Perekreatok entered into other CIS markets by appuiring the SPAR supermarket. chain in Ukraine. The Pysterochia soft discounter chain was founded in 1996.

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Pysterochia and its franchised stores had a presence in 12 Russian regions, Kasakhstan and Ukraine. In May 2005, Pysterochila launched a successful IPO on the London Stock Exchange (LSE) and raised approximately US \$600 million, which were used to further develop the chain. As of 21 December 2006, the Group had 605 handhised Pysterochia soft discount stores located in Russia, Ultraine and Kassidhetan, There were 10 handhised Perelowask atores in Moscow.

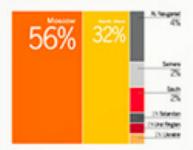
On 18 May 2006, the Persitrectok supermarket chain and the Pysterodrika soft discounter chain. merged. In October 2006, the united company was renamed XSRetail Group N.Y. The Company's shares are listed on the London Stock Exchange (LSE) under the ticker "FIVE". As of 31 December 2006, the total number of the Group's stores (including franchised was 1,294. There were 451. Pysterochia soft discounters located in Moscow (222), St. Petenburg (254), and Disterinburg (25). There also were 168 company-owned Persirrectol: supermarkets in Russia's central regions and in Ukraine, including 100 stores in Moscow:

Today, Penkrestok is one of the leading national supermarket chains and one of the first chains in the history of domestic retail. The chain consists of tives store formatic convenience stores, supermarkets and city hypermarkets. The first Pensirestok store was opened in Moscow in

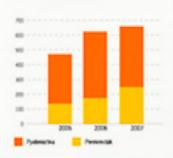
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Total Retail Sales by the Region



Franchised stores



Today, Perekrestok is one of the leading national supermarket chains and one of the first chains in the history of domestic retail. The chain consists of three store formats: convenience stores, supermarkets and oily hypermarkets. The first Perelicestok store was opened in Moscow in September 1995. Pereivestok's Net sales was US \$272 million in 2003 and by the end of 2006 net. sales reached US \$1.5 billion. As of April 2007, Perelivestok stores operated in 15 Russian regions, including Moscow and the Moscow region, St. Petersburg, Samara, Kasen, Tolyetti, Volgograd, Nathry Novgorod, Varonesh, Lipetak, Rostov on Don, Krasnodar, Yaroslavi, Isahkar Dia, Cheboksary and others. In 2005, Persivertick entered into other CIS markets by acquiring the SPAR supermarket. chain in Ukraine. The Pysterochia soft discounter chain was founded in 1998.

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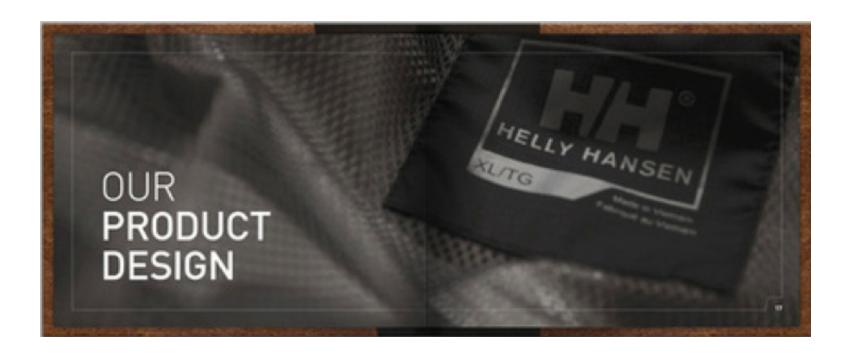
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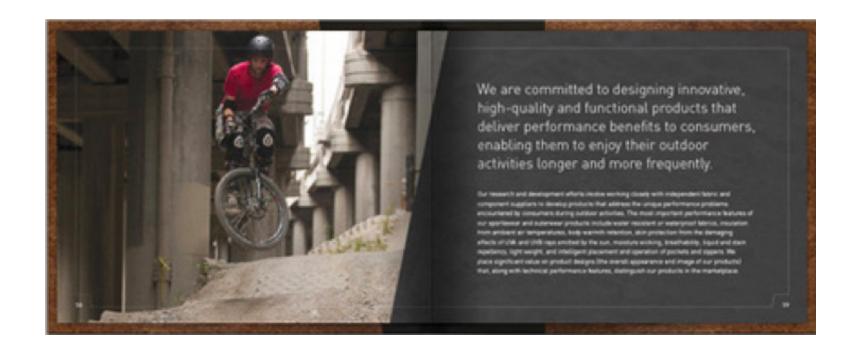




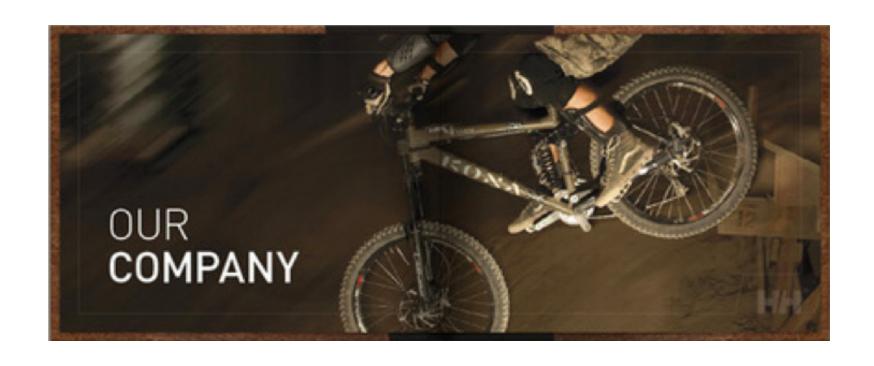












We provide high quality apparel, footwear, accessories and equipment for use in a wide range of professional outdoor activities by men, women and youth.

A large personage of our products are also work for casual or fasture purposes. The durating, functionally and attended to tax products make them also for a well-range of subservations. Our products series consumers ranging from eithe frequency climbers who use thit and Meuritain Produces appared and accessories, writer subservating with large products are of accessories, writer subservations who were not performance species. The enteriories who were "Produces appared to a series of the series who were not performance produces are disclosured for a content of action or content of the series of a content of action or content of the series of the content of action of the content of action of the content of action of the content of th

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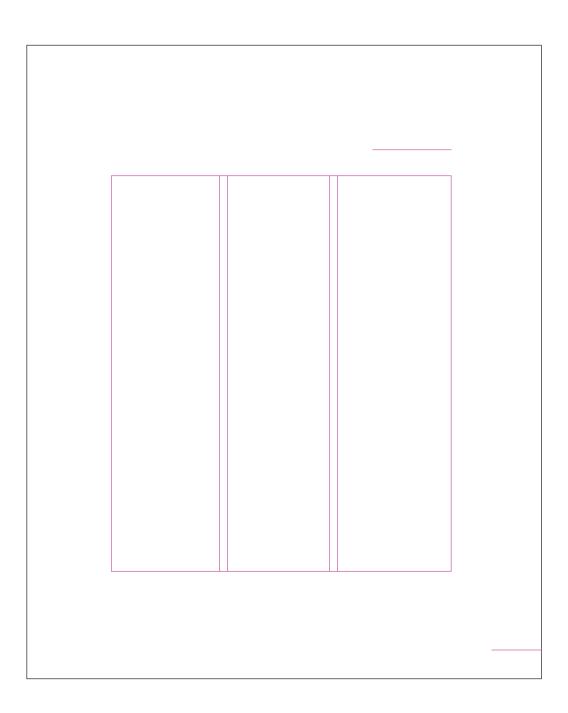
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Column Grid

Information that is discontinuous benefits from being organized into an arrangement of vertical columns. Because the columns can be dependent on each other for running text, independent for small blocks of text, or crossed over to make wider columns, the column grid is very flexible and can be used to separate different kinds of information. Columns can vary in width — even within one grid — in order to accommodate information.



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Собственный капитал RFN Банка достиг по состоянию на 01.01.03 величины 1,1млрд. рублей (годовой прирост составил 14%). При этом достаточность капитала за 2002 году увеличилась с 26% до 31%

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Обращение Президента Банка



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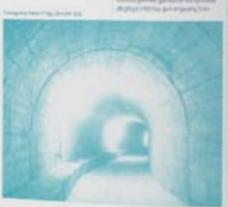
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Promoting Sustainability

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Exploration 1 / Indent

We begin our Explorations with the most common way to indicate yaragraphs in text type: indentation. Indexts to medium (50-80 are especially commosplace for a continuous-resding text in print.

The first paragraph is typically not indented is order to leading may also left sorner on the indent. text block, Solkesia mark a new beginming, so the first paragraph under a subhest is also not indented.

Indento of one em are usually sufficient on barrow (approximately 20-50 characters) characters) column widths.

Vide columns (80-100 characters) may require two eas indent. Gezerous keep a square upper secessitate a two-es indext. If you were

Indextations of one It might seem like or two ems will make one or two ems is the negative opene produced by them a karmenicas propertion to the type size. Ideally, we always set type in prepentional ansuatu, not in arbitrary amounts.

Two eas is the nations peconsended to indext more then that and the the last line of a paragraph above as indext was rather abopt, those two lines may not overlap, making the linespace between paragraphs appear larger.

not epough indeptation, but indexts can be fately sobtle because readers are so confertable and familiar with them.

🕩 Exer since people have been writing things down, they have 🕟 While metal latters could be made to any width and height, had to consider their audience before actually putting pen to paper: letters would have to look different depending on whether they were to be read by mainly other people (in official documents or inscriptions), just one other person (in a letter), or only the writer (in a notebook or diary). There would be less room for guesswork if letter shapes were made more formal as the diversity of the readership expanded.

Some of the first massages to be read by a large number of people were rendered not by pens but by chisels. Large inscriptions on monuments in ancient Roma were carefully planned, with letter drawn on the stone with a brush before they were chiseled. Even if white-out had existed in those days, it would not have helped to remove mistakes made in stone. A bit of planning was also more important then, since stonemasons were sometimes more expendable than slabs of marble.

 Graphic design and typography are complicated activities, but even the simple projects benefit from thinking about the problem, forming a mental picture of the solution, and then carefully planning the steps between.

Scientists have not been content with just calling the human face "beautiful" if it meets certain ideals, or "ugiv" if it doesn't. They had to go out and measure proportions of nose to jaw, forehead to chin, and so on to establish why some faces are more appealing than others.

Typographers and graphic designers often choose typefaces for the very same reason they night fancy a person: They just like that person. For more scientifically-minded people, however, there are specific measurements, components, details, and proportions to describe various parts of a letter. While these won't tell you what makes a typeface good, they will at least give you the right words to use when you discuss the benefits of a particular face over another. You can say "I hate the x-height on Such-a-Gothic" or "These descenders just don't work for me" or "Please, may I see something with a smaller cap height?" and you'll know what you are talking about.

digital type has to conform to multiples of the smallest unit: the pixel. Every character has to be a certain number of pixals wide and high. This is not a problem when the letters are made up of 600 pixels per inch, as is the case with modern laser printers-those pixels are not discernible to our eyes, and we are happy to believe that we are looking at smooth curves instead of little squares fitted into tight grids.

On screens, however, only 72 pixels make up one inch. We could see each and every one of them if engineers hadn't already found ways around that. Computer screens, however are not where we read all of our type these days-phones, pdas, even microwave ovens all have displays. Most screen displays are small and simple, which means black on greenish gray. And the type unmistakably consists of bitmaps: this means that an E-point letter is actually reade up of eight pixels. If we allow six pixels above the baseline, including accents, and two below for descenders, that leaves only three or four pixels for a lowercase character. Despite these restrictions, there are hundreds of bitmap fonts, each unique by a matter of a few pixels, but enough to prove that typographic variety cannot be suppressed by technological constraints.

Rhythm and contrast keep coming up when discussing good music and good typographic design. They are concepts that also apply to spoken language, as anyone who has had to sit through a monotonous lecture will attest; the same tone. volume and speed of speech will put even the most interested listener into dreamland. Every now and again the audience needs to be shaken, either by a change in voice or pitch, by a question being posed, or by the speaker talking very quietly and then suddenly shouting. An occasional joke also works, Just as the use of a funny typeface can liven up a page.

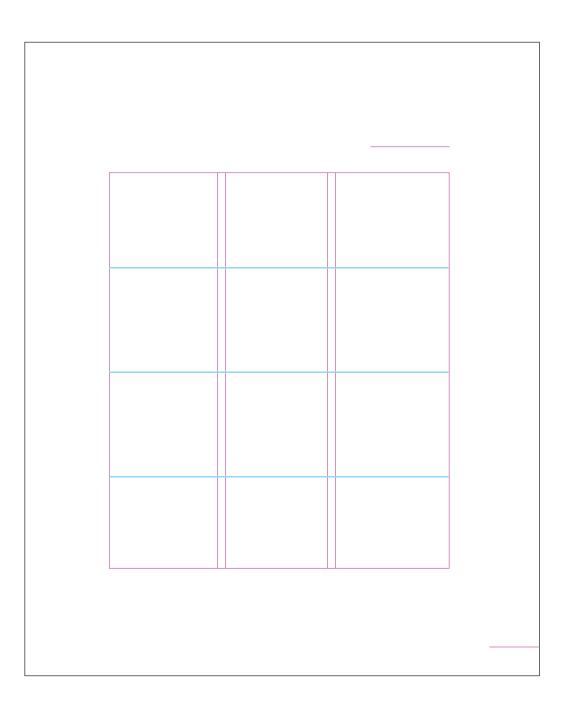
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About FF Wets

Dedication /	To my stackers/ With deep appreciation to my instruc- tion at Carcegie Helico Thiversity: Ten Boysreki, Todd Cavalier, Jonan Haier, Karen Moyer, Sucanne Sixvick and Mary Weidner. Tour generous instruction trems- formed my way of seeing and my entire life thereafter. To my stackers/ Thank you for I make you for willings at the listen, learn precitice at my direction. The interpret is minespret in the meaning of the many learning of the entire there are no my way of seeing and my entire life thereafter.	your With such love to a. Dominick and Evelyn by your Tribone. Together o you showed me the and meaning of dedica- y tion, the value in book of teaching by y your example and the	"Even simple problems benefit from thinking about the problem and careful planning." —Erik Spiekermann

Modular Grid

Extremely complex projects require a degree of control beyond what a column grid will provide, and in this situation, a modular grid may be the most useful choice. A modular grid is essentially a column grid with a large number of horizontal flowlines that subdivide the columns into rows, creating a matrix of cells called modules. Each module defines a small chunk of informational space. Grouped together, these modules define areas called spatial zones to which specific roles may be assigned.







Common typographic disorders			Common typographic disorders		
Various forms of dysfur populations exposed to periods of time. Listed I frequently observed aff	typography for long here are a number of		Various forms of dysfunct populations exposed to ty periods of time. Listed he frequently observed afflict	pography for long re are a number of	typophilia An excessive attachment to and fascination with the shape of letters; often to the exclusion of other interests and object choices. Typophiliacs usually die penniless and alone.
to the exclusion of	typophobia The irrational dislike of letterforms, often marked by a preference for icons, dingbats, and—in	typochondria A persistent anxiety that one has selected the wrong typeface. This condition is often paired with OKD			typophobia The irrational dislike of letterforms, often marked by a preference for icons, dingbats, and—in fatal cases—bullets and daggers. The fears of the typophobe can often be quieted (but not cured) by steady doses of Helvetica and Times Roman.
other interests and object choices. Typophiliacs usually die pennifess and alone.	latal cases—bullets and daggers. The fears of the typophobe can often be quieted (but not cured) by steady doses of Helvetica and Times Roman.	(optical kerning disorder), the need to constantly adjust and readjust the spaces between letters.			typochondria A persistent anxiety that one has selected the wrong typeface. This condition is often paired with OKD (optical keming disorder), the need to constantly adjust and readjust the spaces between letters.

MICRO MACRO READINGS







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Fig. 10 years Constanting Archeson refresh in a present and the president and the pr

by others. This first secture of exquisite detail leads to personal micro-readings, individual stories about the datar shops wisted, hostless stayed at, walks taken, office windows at a floor worked on-all interested or an entre building, street, and neighborhood; building, street, and neighborhood; Detail curvulation into large content of structures; those thousands of firey windows,







St. Patrick's

These multi-layered graphs report a clouded relationering between temperature and conductivity for various elements, as measured by many different lationations, as measured by many different lationations. Each set of collected points comes from a single publication, clied by an identification number. Eich how easily these deplayer, organize the material, recording observations from several funded studies and also enforcing companiones among pub companions companions among pub companions of the studies of the studies. TRECOMMENDED, Since both scales are Expanionally through 25 th is durated to possibilities, organized through the studies. RECOMMENDED. Since both scales are logarithmic, cycling through 3.5 to 6 orders of magnitude, deviations from the recom-mended curve are often quite substantial. In this micromiscro arrangement, 4 layers of details or control to micromisc.

Still another slice of data can be added. A number, linked to an alphabetical-list ordered by author's name, now identifies each published paper. A better method is to order the list by the date of publication, then where we that by the east or purchasher. Which the numerical codes correspond to the sequence of finalings-for example, 6% indicates the third paper published in 16%. This graphical indexing depicts which study first had the right answer, and movement toward the control curve can be tracked over the years.

toward the control curve can be tracined over the years.

These estreaminary statistical mage report data for thousand of they grid regards (*) from a sidel, Below, a mag of Todyo shows population density, note smaller concentrations dething the tracks radiating from the only, so people cluster along rail limes and station stops. At this level of detail, or the statistical content control, the mag of the statistic statistics of the statistic content. The map at right records the proportion of children himself at each location, with a systematic pattern of lower percentages in central thop otherways page and and costily and a suburban ring teening central though and as suburban ring teening central records the desired of the control though the size of the control of the control of these are non-uniform, (i) colored-in areas are preportional to other nearly employ land areas are non-uniform, (ii) colored-in areas are preported or to other nearly employ land areas in the size of the control of the admittaction comparisons. Mean maps finesse these problems. For these maps, the whole control of a days are admitted to the problems. For these maps, the whole control of a days are consulted as and grid squares. Arbitrary but statistically view boundaries or confidence convolutions.



Edwad R. Tufte

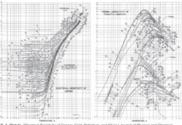
revealed; to clarify, add detail.

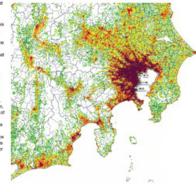
revealed: to claims, add outsile.

A high-essolution await photograph of Serilis, one of the clotes titles in France (constructions started on this Notes Dume cathedata in 1153), arrays micro-details mining into overall pattern. Enriching Serilis was once a broad strip of Califo-Roman fortification, now episied by houses, arranged by the memory of the old town's plans. Such internity of detail is outlinely reported in photographs, so much data that digitizing these images for computers requires 106 to 108 bits.

Microfination of the displacement of the displ

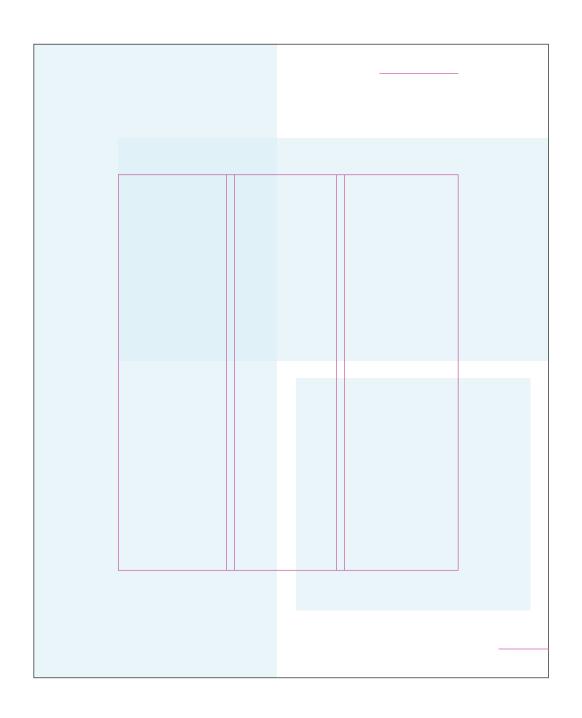
Al work here is a critical and effective principle of information design. Pronorma, vista, and prospect deliver to viewers the readow of choice that derives from an overview, a capacity to compare and sort through detail. And that micro-information, like smaller texture in landcape perception, provides a condition rifuge where the pace of visualization is condensed, slowed, and personalization "These visual experiences are universal, noticed in human information—and infinition of everylyty per olderion. Thus the power of micro-invasion designs holds for every type of data designs; as well as for topographic views and sindicace panorame, fluch designs can export immense detail, organizing complexity through muriple and pittle pherorchical layers of conference in forces. At work here is a critical and effective

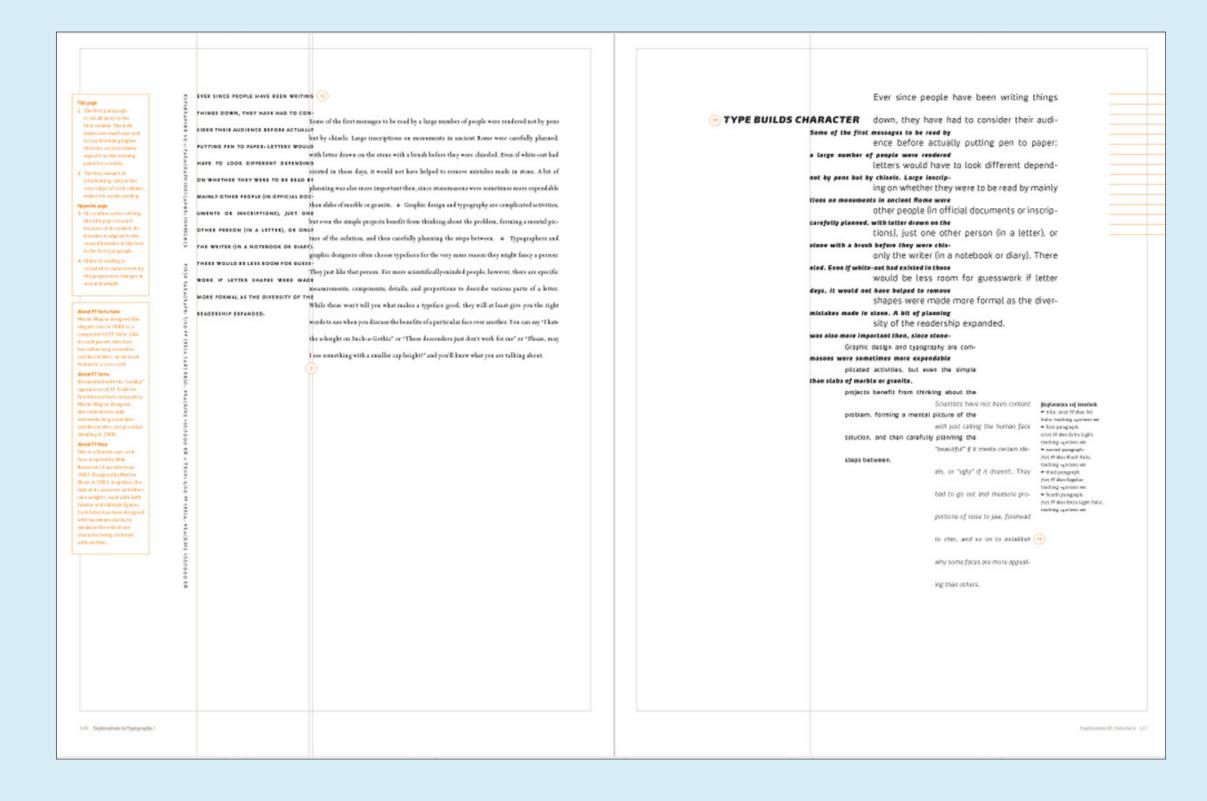




Compound Grid

Compound grids are formed by integrating multiple grid systems into one organized, systematic armature. This grid system keeps aspects of the system cohesive — such as margins, placement of flow lines, and subordinate elements, for example — but allows for overlap and variety within the graphic design.







tory event also betalds the opening of the first arts

Since summer 2003, faculty and students opportunity to establish solution-delps with Each year Nomines other School of of the Lamar Dodd School of Art lawe - the people of one of the stoot storied cul- - Art became where where the visited the Republic of Caba for ten weeks - titte of the western hemisphete. of studio art classes, photography, Indepen- There is so much that I cherich about Judios McInister, a three-year community and cooking lessons and extensive touring to the future of Cubus and Amortican idents. We are may larky note affects must be accounted of eight cities across the island. students participate in classes at the program. "Yet, there are also so many frozen - "for in affe to habitor our official mineral" world-servered Experimental Graphics that I carry with me now because of my with the more possessing and leave Workshop (faffer Experimental de Gráfica - time in Cuba." de La Habana) and visit studios of promi- The idea of taking students to Cuba was a life-changing exponentier for all et us." nent Critis and intellectuals. They a dress of the program's director, Joseph - The result of the puricipant's director. collaborate with moseum professionals. Norman, when he arrived at title to 2000, he were each full at the programs annual and art historians and enjoy the unique to reach in the drawing and painting erea. exhibition in the School of Acc galleries.

The Art and Culture of Cuba

STUDIES ABROAD IN THE LAMAR DODG SCHOOL OF ART

dent research, and service learning projects this trip to a 'iosbidden' island. There is so the program poisses formance digitionals. while still finding tinte for Spanish, dance, much that I worry about when it comes shalls as well as his commitment to surelations," said Sarah Francigan, son art. Cobeast a time refere party almost it, seater Beginning with three weeks in Marana, education ension who participated in the alternal progness are those," are taken the

secratific Cuban cultivarior petholpino.

arranged by his extended family steen it is









Lanuar Dudd School of Art. VISCOUL AREX SCILLOWN Lunar Deald School of Art Ante and Sciences 10503-4108 Kin Cretors Newsletter Editor Franklin College of Arts and Sciences 706.842.8321 Forest Dodd School of Art

for the building will be held Sept. 4. This celebra- place randor on discrete of development, someter Meson

One grid was used for the text and another grid was used for the images.

AKTAGGAROU

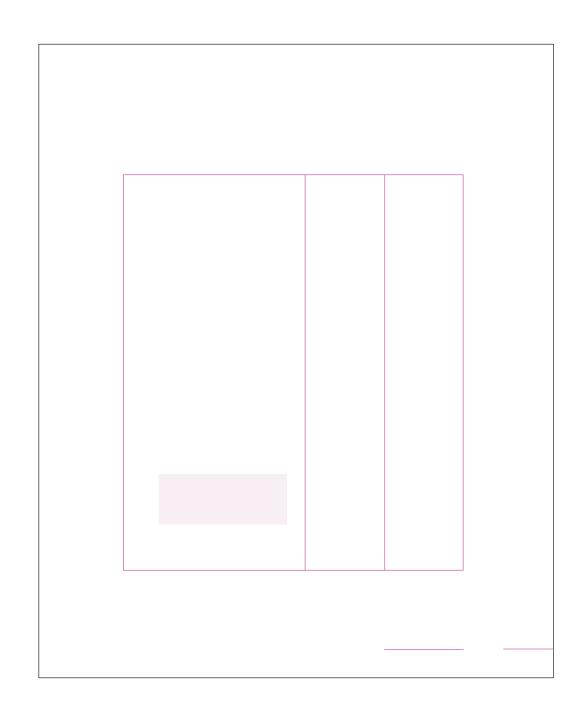


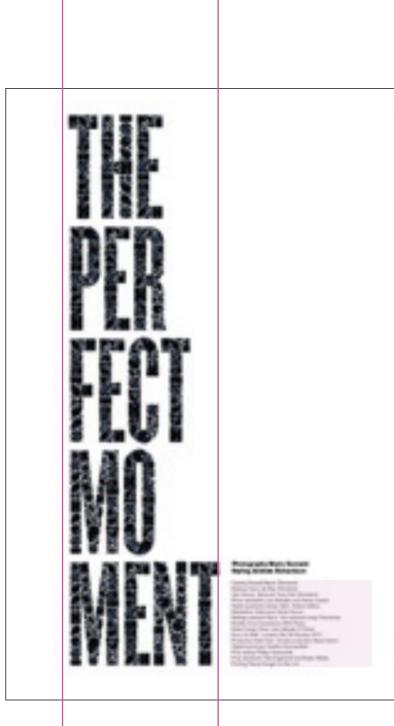
Hierarchical Grid

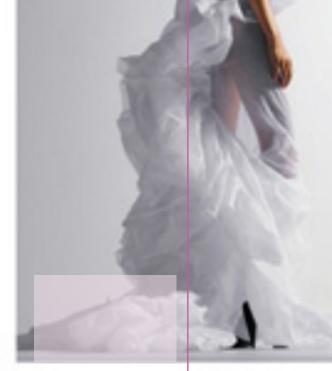
Sometimes called an *Intuitive Grid*. When the specific needs of a project are not conducive to regular structuring or repeated intervals separating information areas, a hierarchical grid structure can be a good solution. This grid creates specific alignments within the material as a method of developing a hierarchy of information. They rely on intuitive placement of grid lines based on content.

Alignments are customized to the various proportions of the elements, rather than on regular repeated intervals. Column widths, as well as the intervals between them, tend to vary.

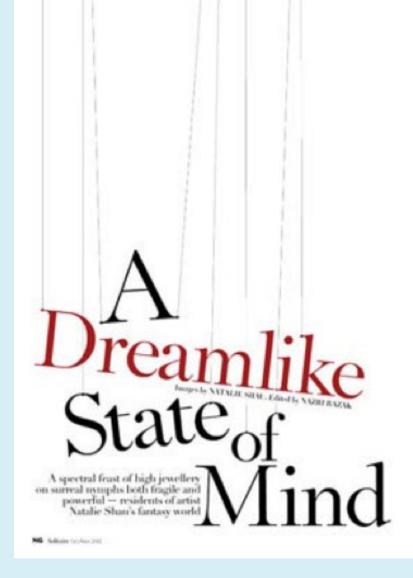
Developing a hierarchical or intuitive grid begins by studying the various elements' optical interaction in different positions spontaneously, and then by determining a rationalized structure that will coordinate them.

















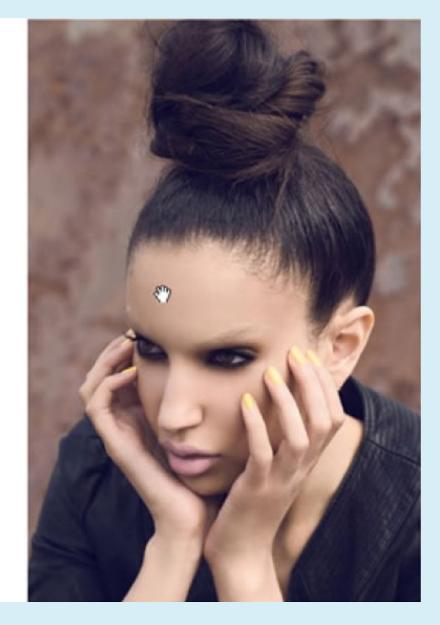


[Lost & Found]

Principality of Bengue Volva Charl Steman

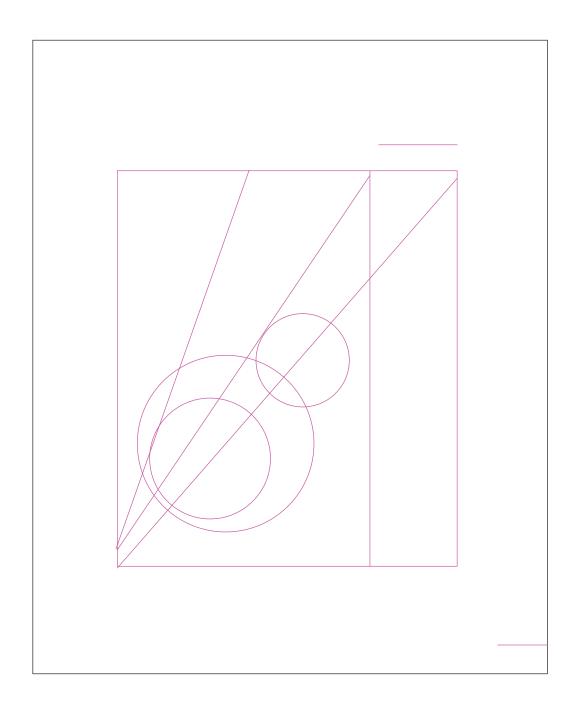




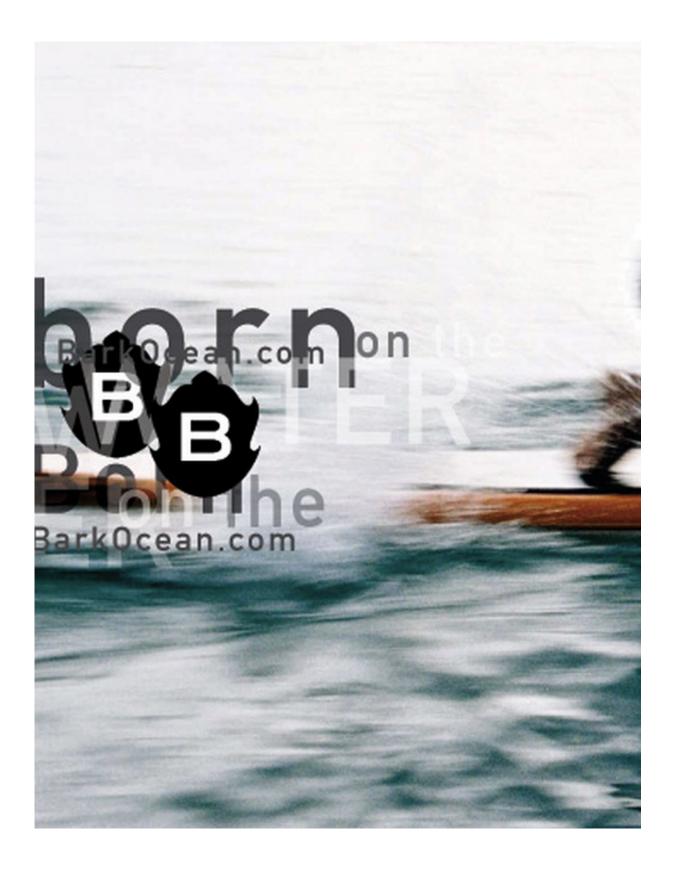


Alternative Grids

Sometimes the visual and informational needs of a project require a uniquely structured grid. These grids systems are good for creating a strong visual impact and rely on the content to help organize the structure. Some styles of alternative grids include axial, random, radial, bilateral, dilatational or a combination of these structures.











Years later. Ducharp explained that the libra of going to America case to him through conservations with Francis Picalina, the French-Cebear painter of abstractions whose he had meand believeded a few years earlier to Pipter and who had traveled to New York at the time of the ", he later said that like "bathing in a calm sea was like "bathing in a calm stic development as "eight years of swimming lessor where he was so totally free of an artistic heritage, that it in America during the time of that ober, for his North Decembing a State and had been a form uchamp wanted to leave Paris to free himse freely."1 Indeed, more than for any other of child stack that to nection the fact that is sold, as del there other paintings to the change of out to be exactly the kind of place he was A, nd he im that he felt stifled his creative activities. Nev hat he wanted to find a studio in the tuper (only all aspects of modern city life. Upon arrival, he an colleged in a letter to their written the second of the second second of the secon

