pageheight = 11in ✓ h

pagewidth = 8.5in ✓ w

left = 1in ✓ m_i

top = 1 in ✓ m_t

bottom = 1.5in ✓ m_b

marginparsep = 0.33in 5/16in

marginparwidth = 2in ✓

textwidth = 4.33in 4 5/16in w'

textheight = ~~8.55in~~ ~~8 7/16 in~~ 8.4375 h'

right = 0.8125in 13/16 in m_o 8.5

$$\text{textwidth} = \text{pagewidth}\ x$$

$$\Rightarrow x = \frac{\text{textwidth}}{\text{pagewidth}} = 0.509412 \quad (0.509)$$

$$\text{textheight} = \text{pageheight}\ y$$

$$y = \frac{\text{textheight}}{\text{pageheight}} = 0.77273$$

$$\text{inner} = i \cdot \text{pagewidth}$$

$$\Rightarrow i = \frac{\text{inner}}{\text{pagewidth}} = 0.117647$$

$$\text{marginparsep} = m_1 \cdot \text{pagewidth}$$

$$\Rightarrow m_1 = \frac{\text{marginparsep}}{\text{pagewidth}} = 0.0388235$$

$$\text{marginparwidth} = m_2 \cdot \text{pagewidth}$$

$$\Rightarrow m_2 = \frac{\text{marginparwidth}}{\text{pagewidth}} = 0.235294$$

$$\text{top} = t \cdot \text{pageheight}$$

$$\Rightarrow t = \frac{\text{top}}{\text{pageheight}} = 0.090091$$

$$\text{bottom} = b \cdot \text{pageheight}$$

$$\Rightarrow b = \frac{\text{bottom}}{\text{pageheight}} = 0.136364$$

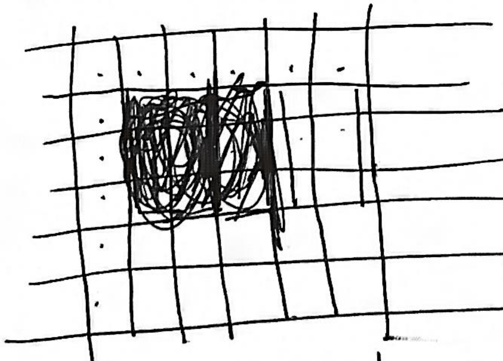
Ateliers (13?)

$$\text{textwidth} = \begin{cases} \frac{3}{4}\ \text{pagewidth} & \text{ordinary} \\ \frac{2}{3}\ \text{pagewidth} & \text{neater} \\ \frac{5}{8}\ \text{pagewidth} & \text{luxury} \end{cases}$$

$$\frac{(N-T-B)}{(N-L-R)} \approx \frac{H}{W}$$

↳ what remains is whitespace

$$\Rightarrow \text{whitespace} = \begin{cases} \frac{1}{4}\ \text{pagewidth} & \text{ordinary} \\ \frac{1}{3}\ \text{pagewidth} & \text{neater} \\ \frac{3}{8}\ \text{pagewidth} & \text{luxury} \end{cases}$$



↳ ~~[illegible]~~ margins is fraction of this

$$\Rightarrow \text{lr margins} = \begin{cases} \frac{4}{10}\ \text{whitespace} & \text{inner} \\ \frac{6}{10}\ \text{whitespace} & \text{outer} \end{cases}$$

check font for
alphabet
ALPHABET
HIPHABET

$L_i = (0.03193\, w + 0.44961)\, N$

linewidth, alphabet width, # chars

← ~~[illegible]~~ 62 ← 66 → 70 → 75

target

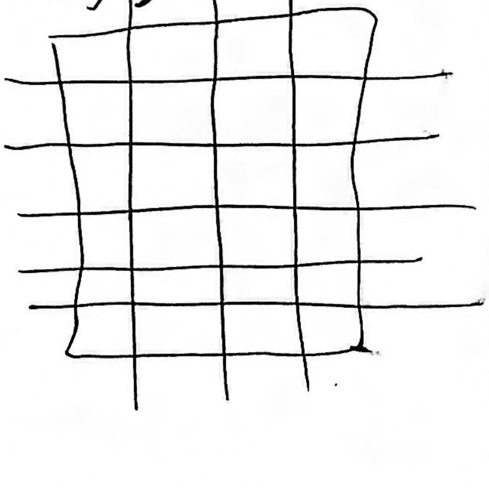
$$\Rightarrow \text{tb margins} = \begin{cases} \frac{5}{10}\ \text{whitespace} & \text{top} \\ \frac{7}{10}\ \text{whitespace} & \text{bottom} \end{cases}$$

i t o b
4 : 5 : 6 : 7 ⇒ specify textwidth,
textheight,
~~[illegible]~~ marginratio

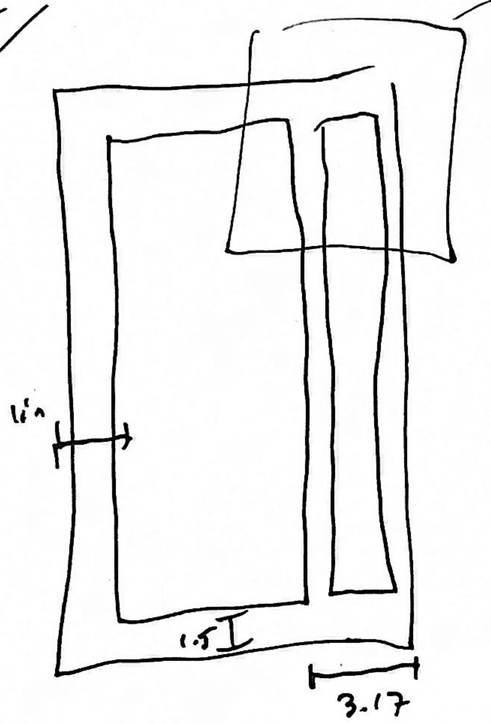
canon = grid, gridN = {≥5}, gridmar = 1
gridt
gridb

canon = {
vds
vdh, vdhN = {3, 6, 9, 12, 15}
table
ateliers, style = {ordinary, neater, luxury}
grid, gridN = {≥3}
gridinner
gridouter
gridtop
gridbottom

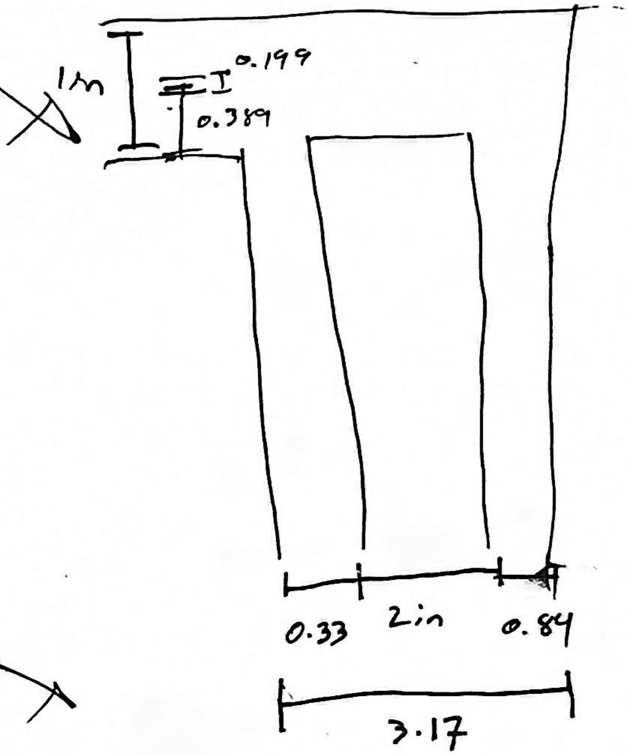
vdg = ~~vdh~~ (N=6) = grid (gridN=9)



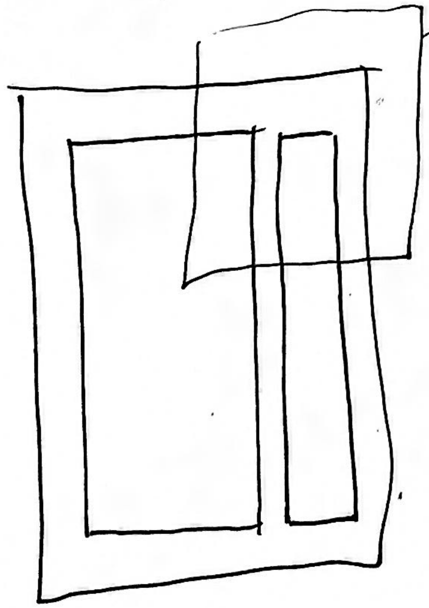
Letter



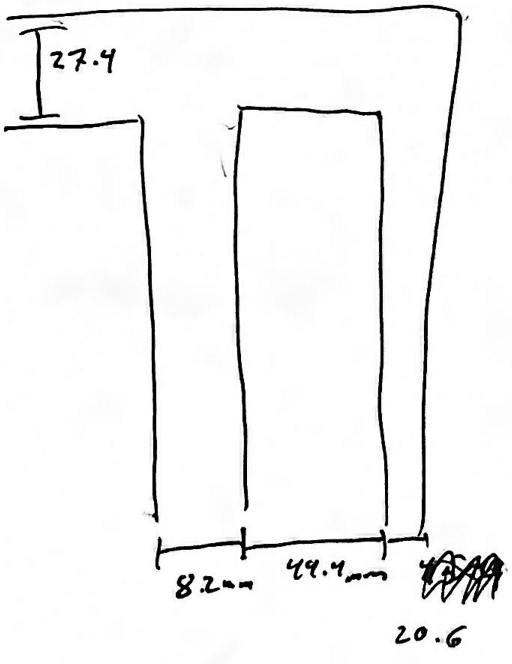
pageheight = 11in
pagewidth = 8.5in
~~inner~~ left = 1in
top = 1in
bottom = 1.5in
marginparsep = 0.33in
marginparwidth = 2in
textwidth = 4.33in
footskip = 0.347in
header = 0.389in
textheight = 8.556in
headsep = 0.389


1in
0.199
0.389
0.33
2in
0.84
3.17

A4



pageheight = 297mm (11.69in)
pagewidth = 210mm (8.27in)
left = 24.8mm
top = 27.4mm
bottom = 27.59
marginparsep = ~~8.114mm~~ 8.2mm
marginparwidth = 49.4mm
textwidth = 107mm
textheight = 242.01mm
footskip = 8.82mm
headsep = 9.88mm


27.4
8.2mm
49.4mm
20.6

default

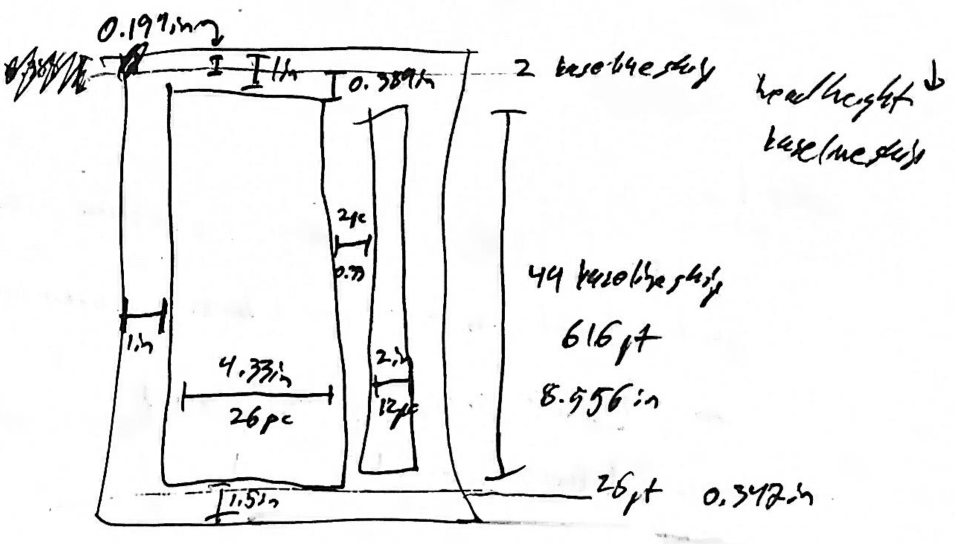
(1,2,3)

Canon = {vandegraff, hinnecourt(1,2,3), ateliers, tufte}

letter A4 B6 letter A4 B5 letter A4 B5 letter A4 B5

size = {letter, A4, B5}

style [decorationcolor, textcolor, minitoc, max


0.197in
1in
0.389in
2 baselineskip
headheight ↓
baselineskip
2pc
0.33
44 baselineskip
616pt
8.556in
1in
4.33in
26pc
2.1in
12pc
1.5in
26pt
0.347in

style = {maximal, medial, minimal, minitoc}

verbose provides verbose
command to see settings
on document

fdebug prints to log reports

part
chapter
section
sub
subsub
headers & footers
footnotes
spacing
ToC, ToF, LoT
minitoc

Combine style
with textcolor

Combine verse
with procolor

~~dqcode~~
~~dqcontents~~
~~dqimage~~
~~dqlistings~~
~~dqmath~~
~~dqtheorem~~
~~dqverse~~

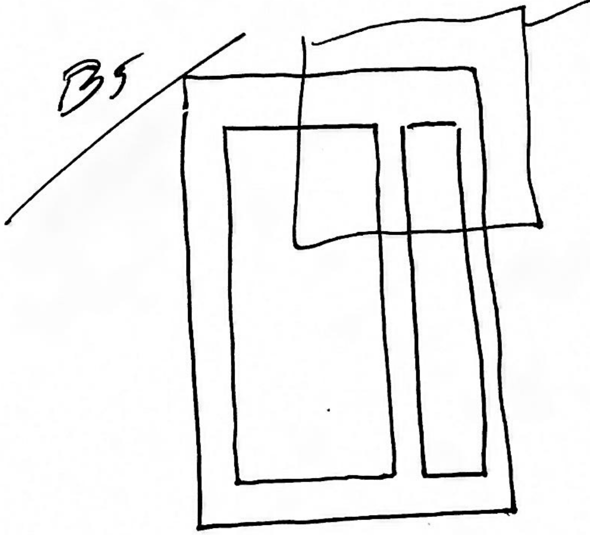
Ordinary
A4:
tw 15.75cm
th 23.4
4:6, 5:7

Heavy
44
21.3
4:6, 5:7

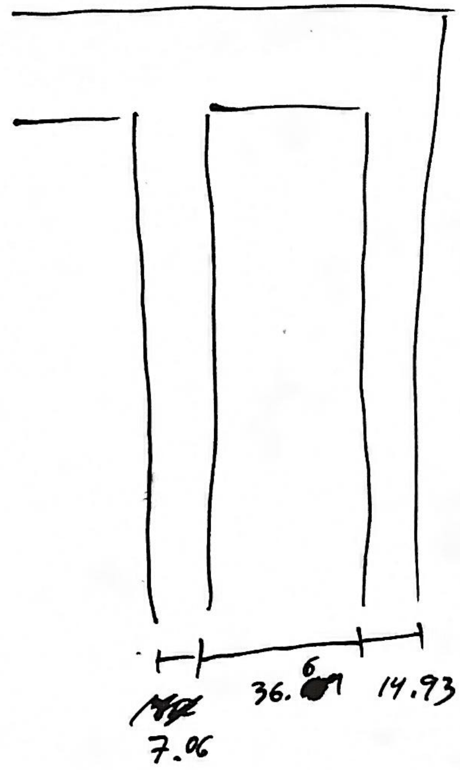
Inverse
13.1
20.75
4:6, 5:7

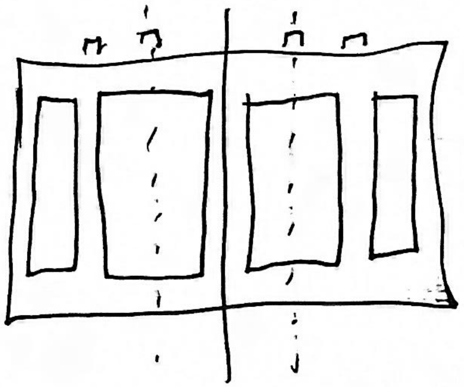
inside $\frac{4}{10}$ in
outside $\frac{6}{10}$ in
top 5/10
bottom 7/10

Fix headers & footers

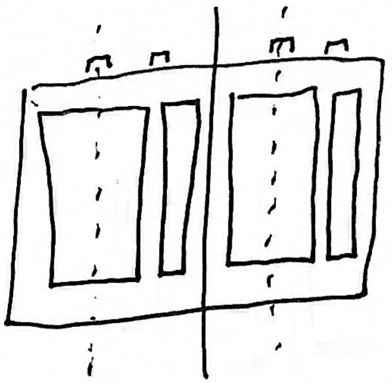


pageheight = 250mm
pagewidth = 176mm
left = 14.66mm
top = 13.88mm
bottom = 48.44mm
marginparsep = 8.2mm
marginparwidth = 36.66mm
textwidth = 102.66mm
textheight = 187.68mm
footskip = 8.82mm
headsep = 9.88mm

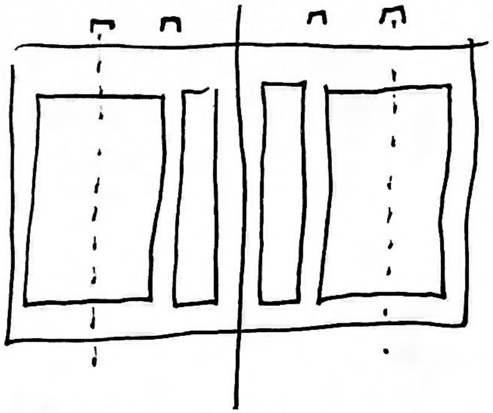




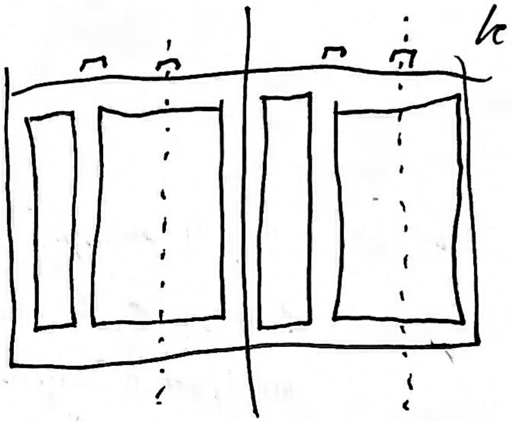
symmetric



right

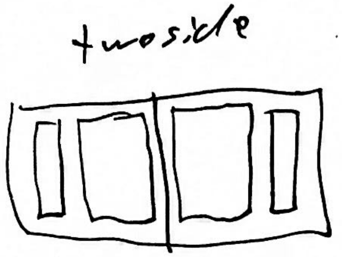


antisymmetric



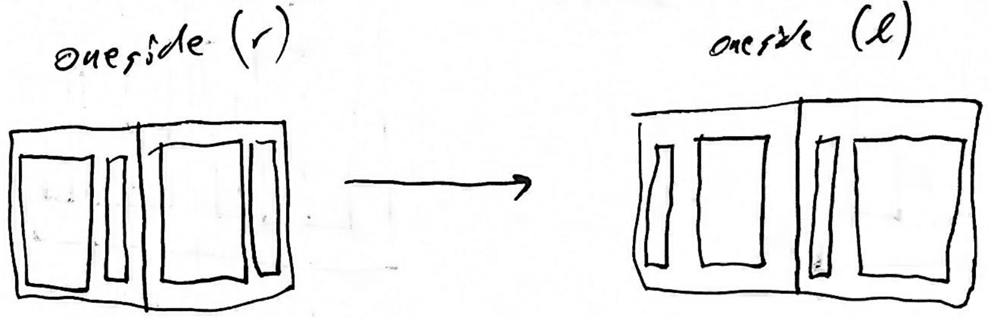
left

letter
A4
B5
executive paper
legal paper



twoside

option symmetric
forces this
⇒ twoside



oneside (r)

oneside (l)

blocks

asymmetric

twoside – margin swapping
headers/footers etc
blank pages for chapters
page marking etc

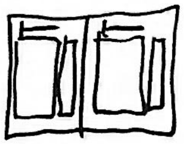
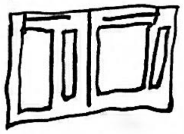
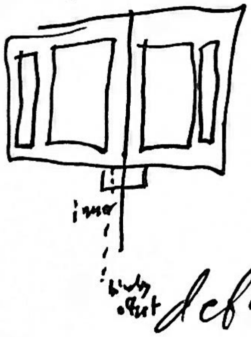
twoside not with asymmetric
oneside with asymmetric

symmetric – default
- twoside to book
- no asymmetric

rmargin – oneside to book
- yes asymmetric

lmargin – oneside to book
- no asymmetric

	side	asymmetric
Default	oneside	asymmetric
twoside	twoside	asymmetric
symmetric	twoside	—

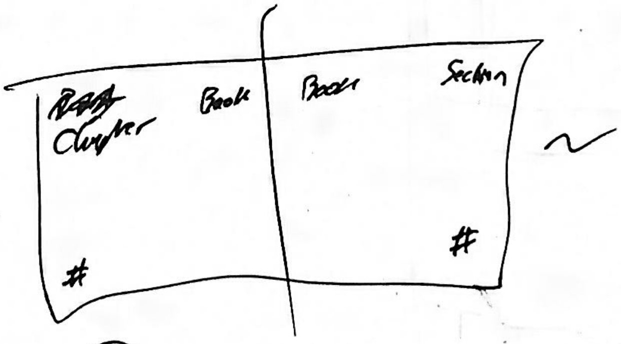
	book class	Geometry	Margins	Running heads
default 	oneside	asymmetric	always R	style select
twoside 	twoside	asymmetric	always R	alternating
symmetric 	twoside	—	outside	alternating

inner
binding offset

default = sym

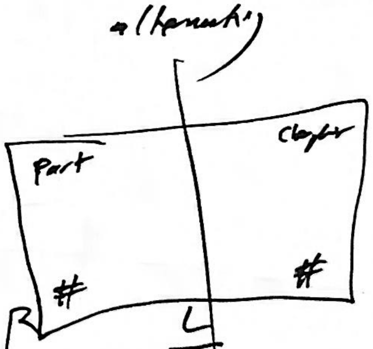
R

L


~~Book~~ Chapter
Book
Book
Section
#
#

~~Fix~~

~~Full length R captions~~


alternating
Part
Chapter
#
#

am-tûrnû

am-îss[illegible]iyyû

R

[oneside]

~~asymmetric~~

L

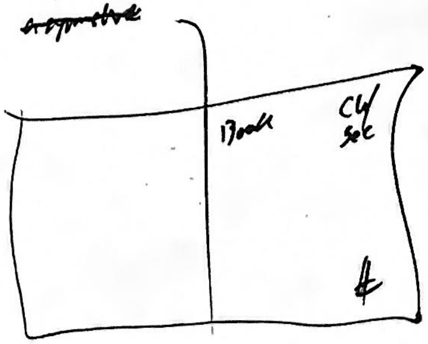
[oneside]

say left + right

~~asymmetric~~

RL

[twoside]

~~asymmetric~~