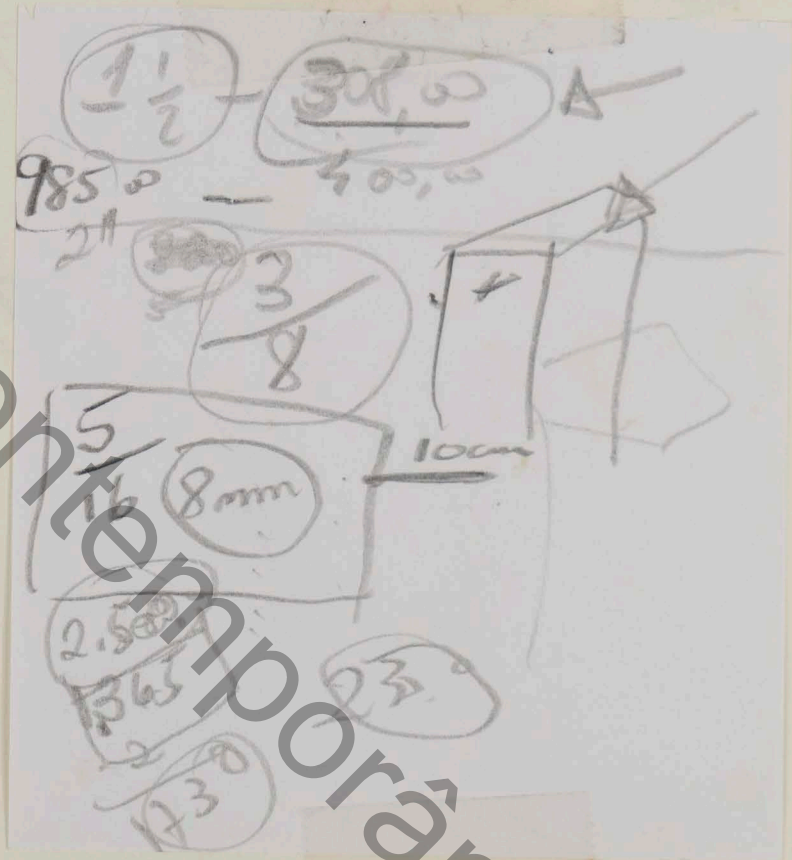


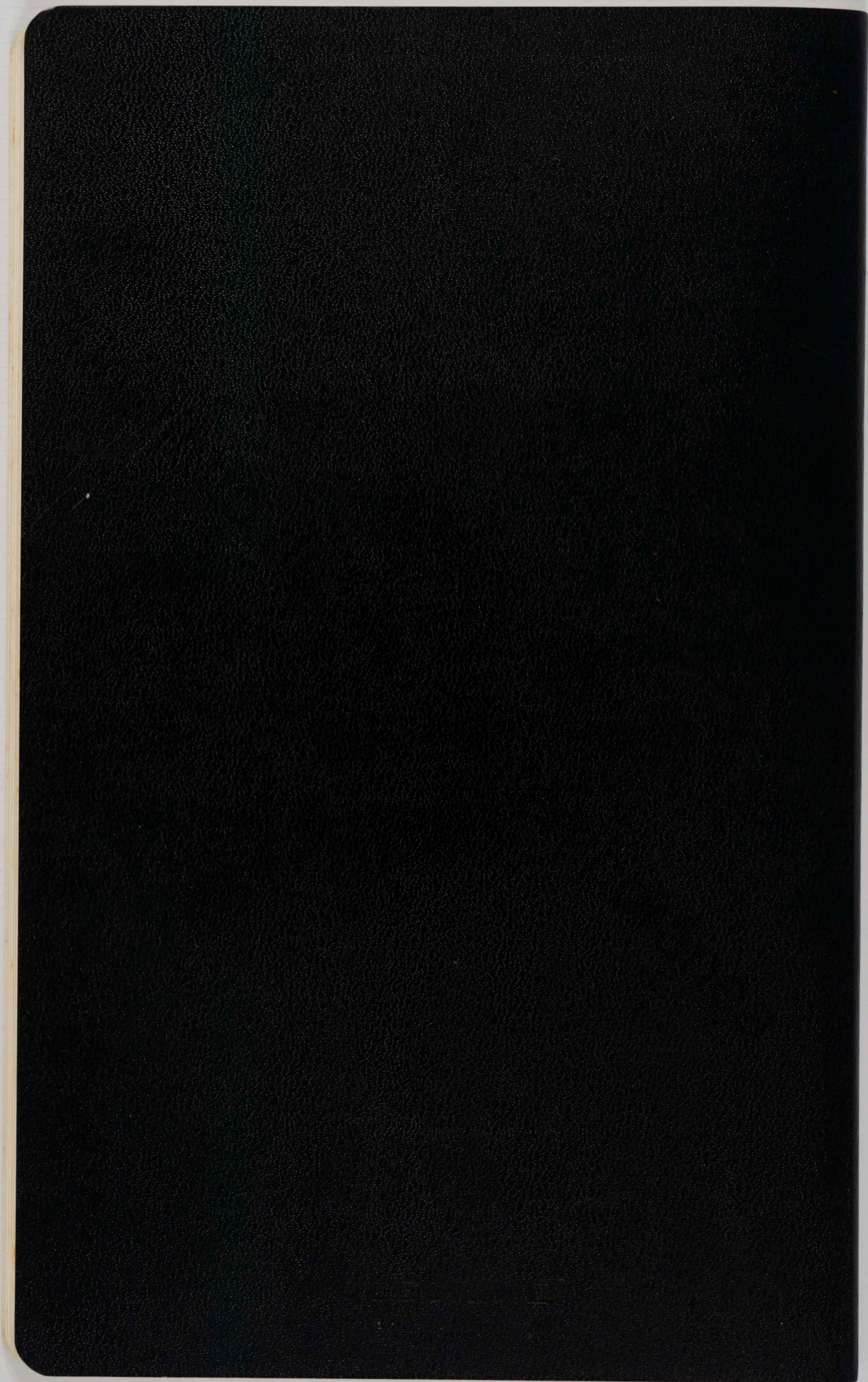
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Berlin / Rio

4/11



parafuso normal  $\frac{5}{16}$  entre 10cm  
parafuso p/ Berlin  $\frac{5}{16}$  no parede  
" " " " ?



- CAIXAS DE ACRÍLICO -

- ARQUITETURA MARCONI

depósito

salas

- GALERIA

Instituto de arte contemporânea

Berlim / Daus

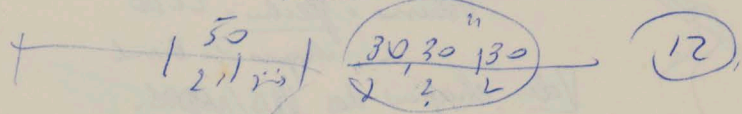
- + 5 fessas
  - 2 barras de 1m x 1m e 4 metros alt.
  - 2 medos de 4m altura (dentes)
  - no cho = papéis = 7m x 2.50 2 pedras
  - furo de madeira broca de  $\frac{3}{8}$  (p/ furos)
- 7 ANSTULOS E POROS p/ flexos.

- (bucha de metal)
- Solução p/ PAREDE DE MADEIRA a DRY-WALL
- BROCA DE  $\frac{1}{4}$

Mo: COTIPRON:

- barras madeira  $\frac{3}{8}$  e parcos

20 pedras 15cm  
 4 metros 2 barras de 1m x 1m



DISCO DE 4mm

POROS  $\frac{3}{8}$  e de  $\frac{1}{4}$  e de  $\frac{3}{16}$   
 BROCA  $\frac{3}{8}$

Ferramenta p/ corte de poly  
 - maquina p/ corte e disco de.

(Corte no de base)

DISCO DE 4mm (espessura de 1/4)

Furo no final do corte  $\frac{3}{16}$



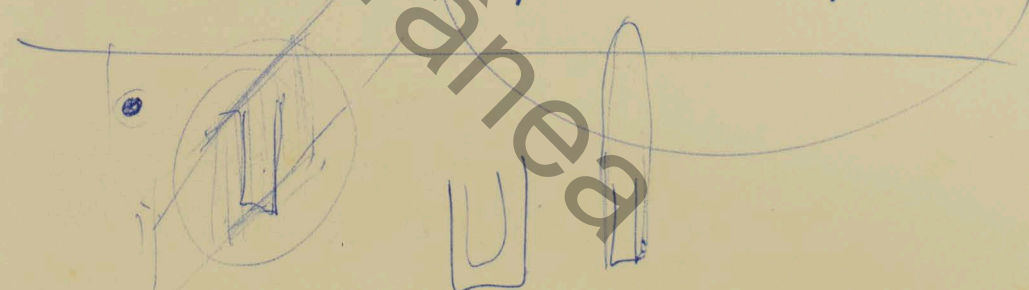
$$4mm = \frac{3}{16}$$



POLIMENTO DOS TUBOS:

Alcool e ~~querosene~~  
 estopa

- Limpar aspirador de pó.



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Laure: 2 de tela  $\left\{ \begin{array}{l} 4 \text{ chapas} \\ \text{cinze} \end{array} \right.$

1 de chapas 1 cm (pola + tela)

2 transparentes 2009/2010

5 roxo? / 6

Tela: 1. tela dura (Laure)

2. banocã

3. vermelho parede parafuso

• recuperação telas Adriane

4. laranja fendido

4 → transparente grande e parafusos ⑤

• vermelho antiq bonitas

• vidros ?

TOTAL: 11 obras

- 10 obras + vidros

Extras: vidros: Degas.

Pampulha - finos

Transparente?

vidros

→ Spectro de Paes?

Extras: Vermelhos -

chapas transparentes?

elementos do CLBB - 2 chapas bon

1 chapa porta 10a

Volume flecha - CLBB

chapas do Bional

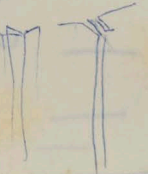
Vale: chapas dos US/NOVAS.

chapa jateada Gonçalo

chapas des duplidas.

eletricidade - lâmpadas, reatores

chapas 1cm



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obra 57. arte - Pequena - 3.400,00 / (3400,00)

~~500~~ 700,00 - Anis - 50% art

200,00 - tubos

700, - chapas

200, - jateados

1.300,00 - Emborrada

- 1 dia e meio de Emborrada

3.100,00

300,00 - meios

obra 57. arte - Leno - 2.600,00

1.500,00 - Emborrada

250,00 - tubos

200,00 - meios

300,00 - pintura

- 1 dia de Emborrada

2.250,00

350,00

2600

obra pt Breve - 2.400,00

1.350,00 - Emborrada

400,00 - pintura

200,00 - jateados

300,00 - tubos

300,00 -

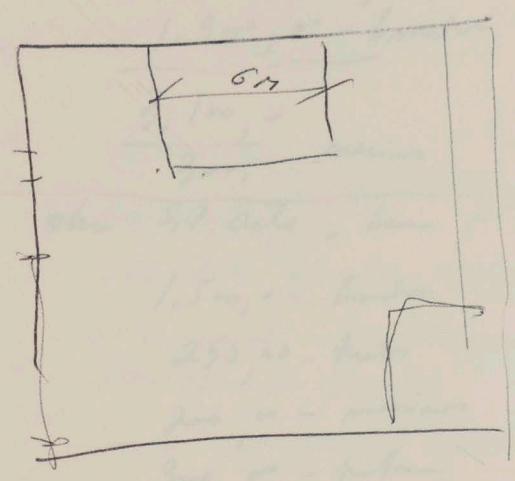
1 dia e meio de Emborrada

2.400,00

250,00 - meios

8.500,00

instituto de arte contemporânea



2.200  
350,00  
2.600

duo p. ... - 2.500,00

1.500,00

1.000,00

500,00

2.500,00

1.500,00

1.000,00

500,00

2.500,00

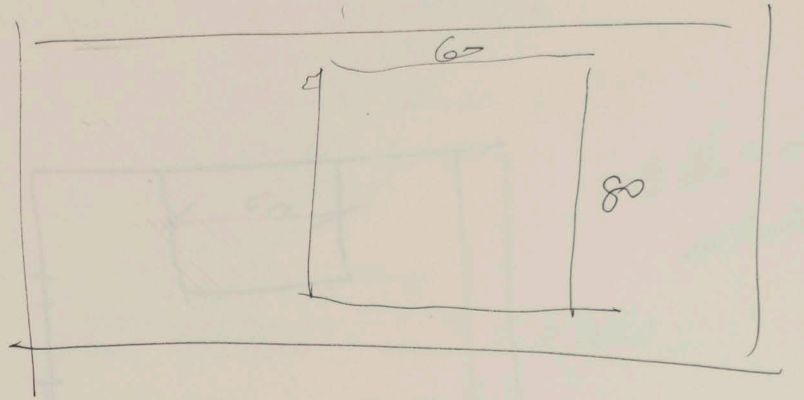
1.500,00

1.000,00

500,00



instituto de arte contemporânea

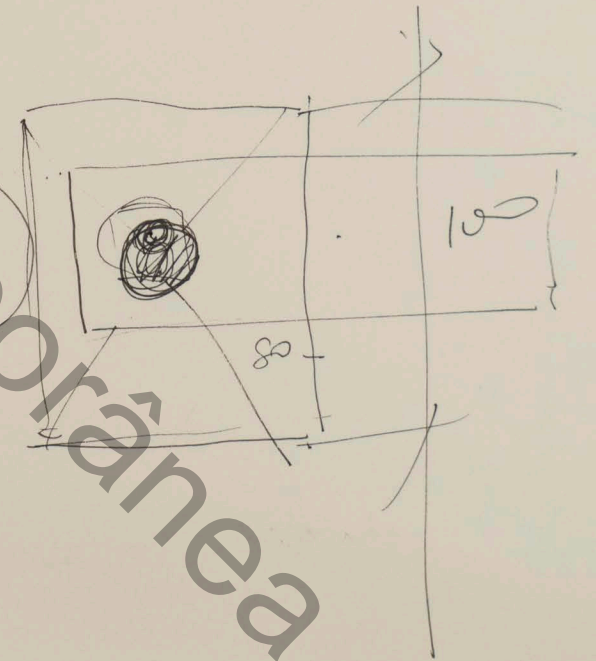
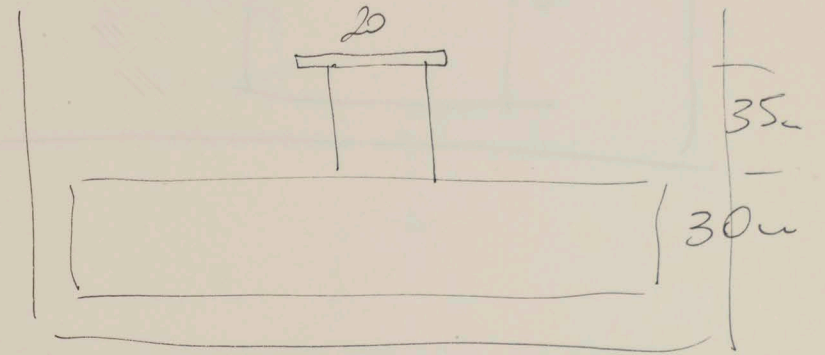




359  
 51  
 58  
 4.60

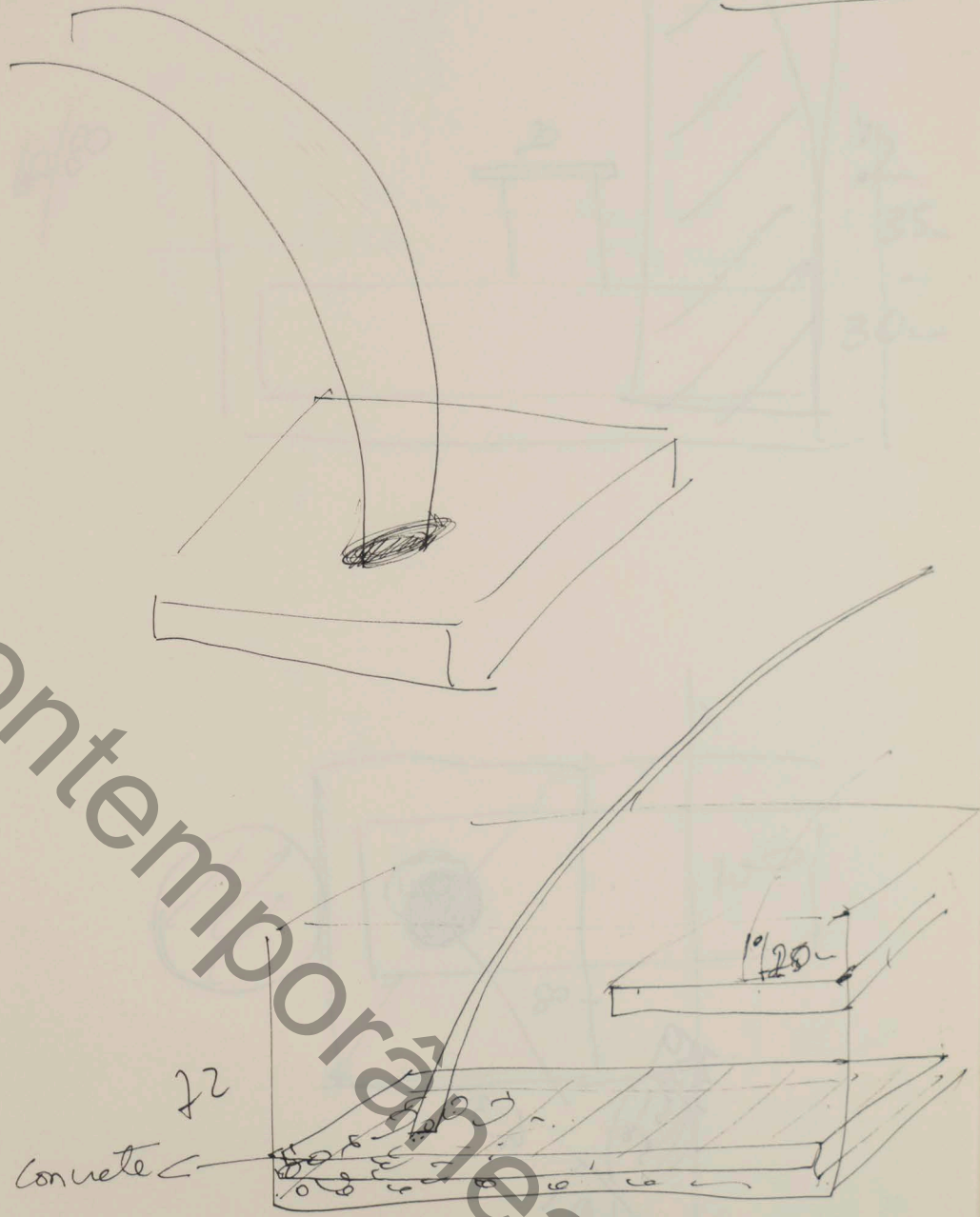
4.30

60/80



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60x80cm

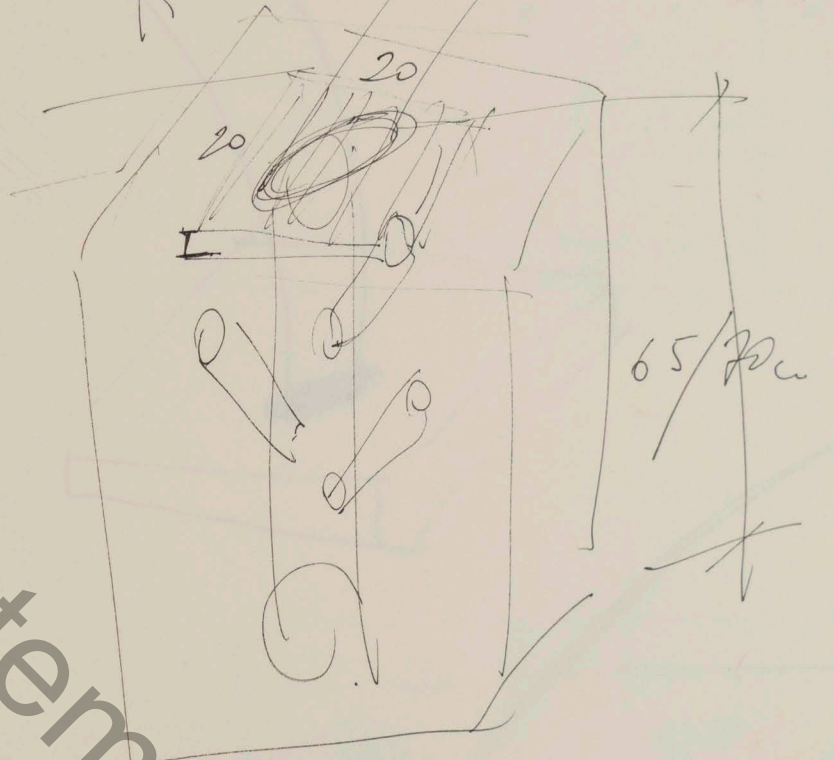
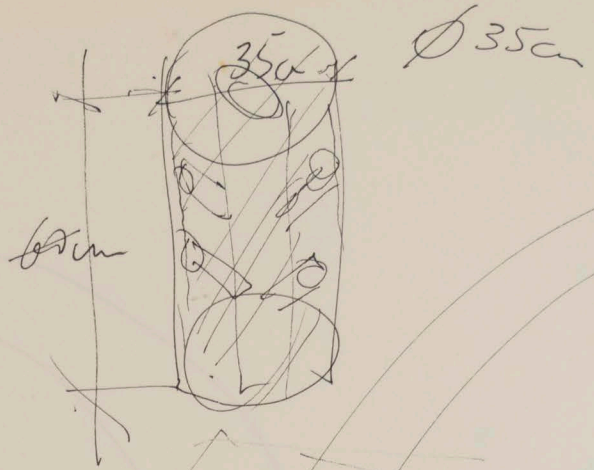


concrete 22

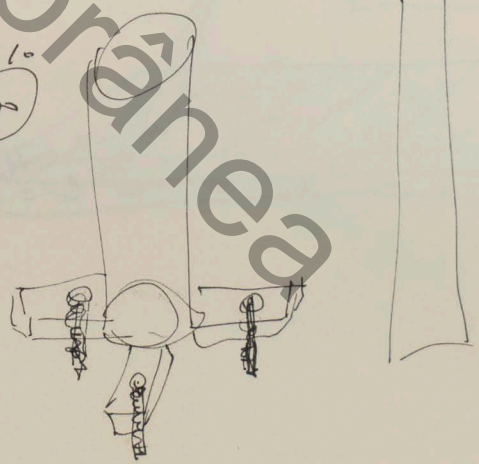
120cm

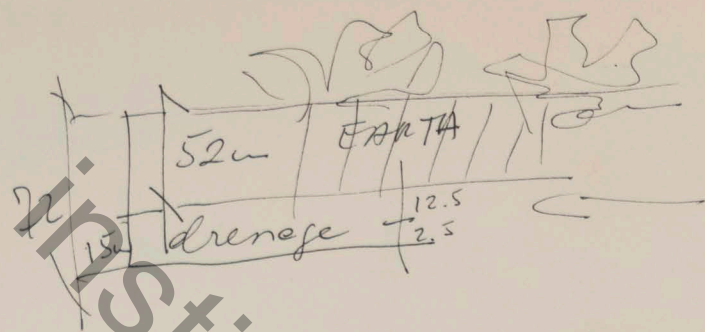
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carb  
22u



65 cm 6.10  
100





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0 - the height of the <sup>external</sup> wall?

no 1 - How is it under the earth? &  
 - How deep is? 52 cm (from 72 cm)  
 - How is the ground? Can screws be fixed in?

no 2 - How is it under the slate pieces?  
 - How deep is it?

no 3 - Is it possible to fix 2 tubes on the back wall?

ok 4 - the weight will be distributed in an area of 11.50 x 11.50 m.

5 - Weight: 180 kgs - polycarbonate  
 15 tubes x 25 kgs = 375 kgs  
 TOTAL - 555 kgs  
 distributed in 8 points

ok 6 - Internal structures: 8 points:  
 $70 \text{ cm} \times 8 = 5.6 \text{ m} = 1 \text{ TUBE}$   
 pieces 6 of  $8 \text{ cm} \times 8 \text{ cm} = 4 \text{ m} = 1 \text{ TUBE}$

no 7 - TOTAL TUBES = 19.

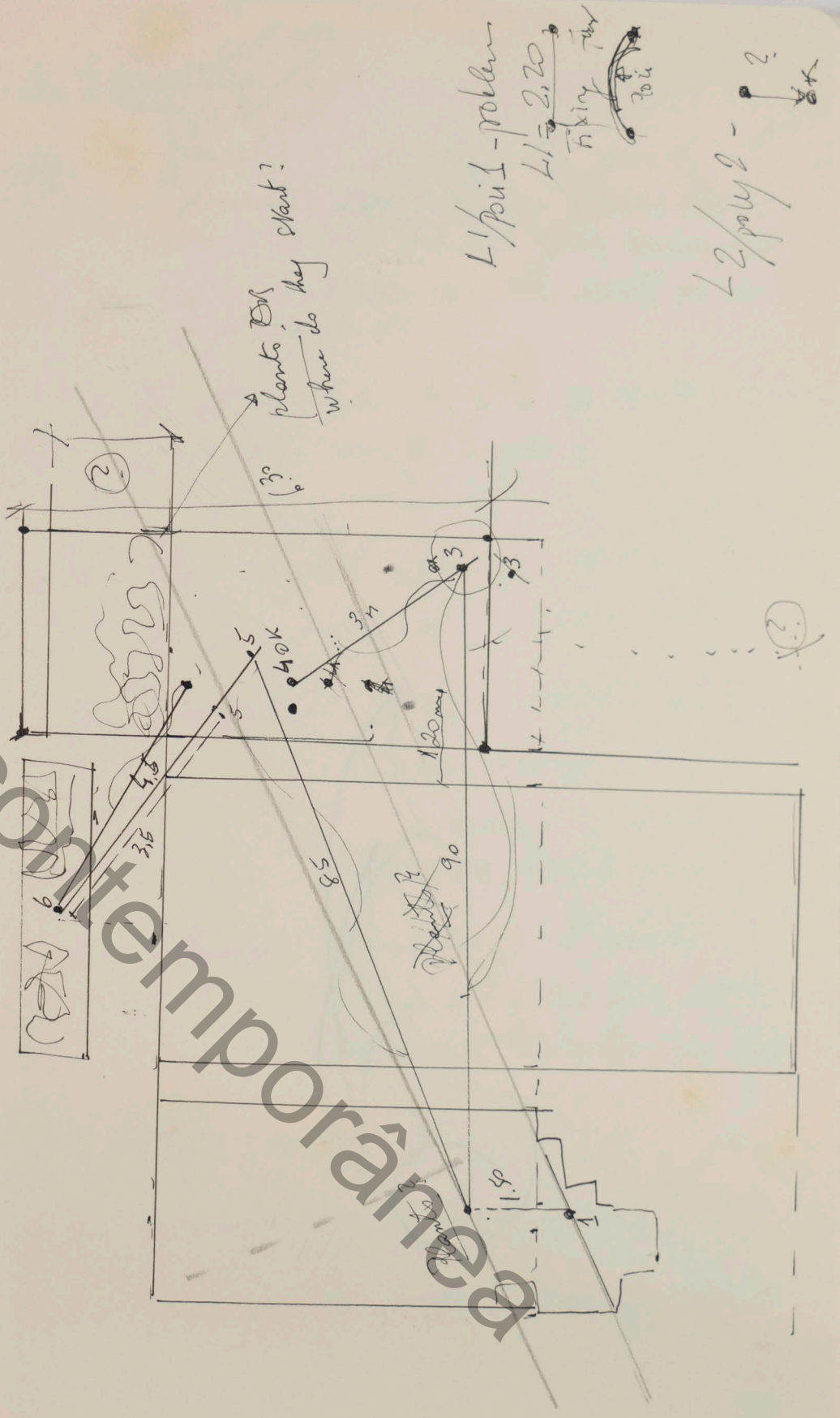
no 8 - connections - 12 tubes of 2.50 to 3.00 m

no 9 - Fixing on the wall: 2 sabines + HULTI

25  
 15  
 125  
 25  
 175



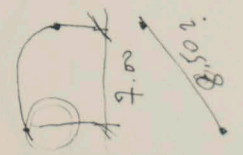
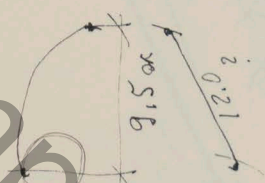
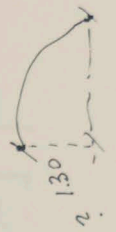
instituto de arte



L1/poil - roblem  
L1 = 2,20  
fixing for  
70.6

L2/poil - ?  
8K

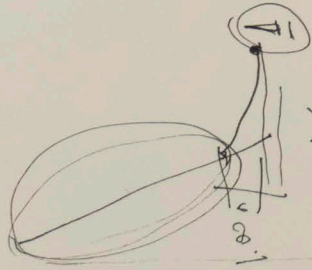
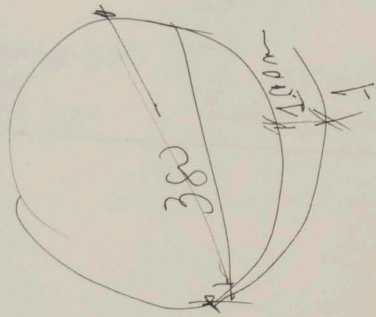
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- 1
- 2
- 3
- 4
- 5



Ø 380mm



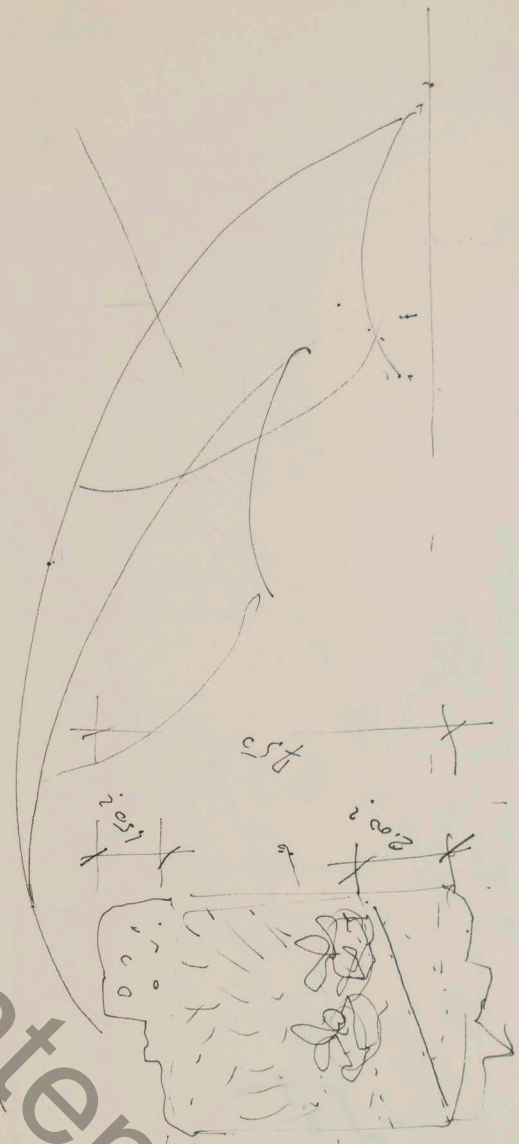
140mm?

or 1.00m?

ESS?

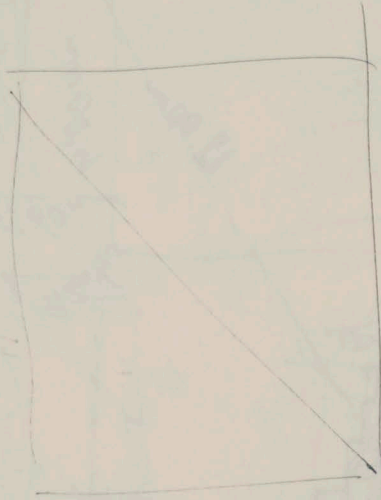
instituto de arte

115 + 14m tube or 16.0m  
(12m linear)



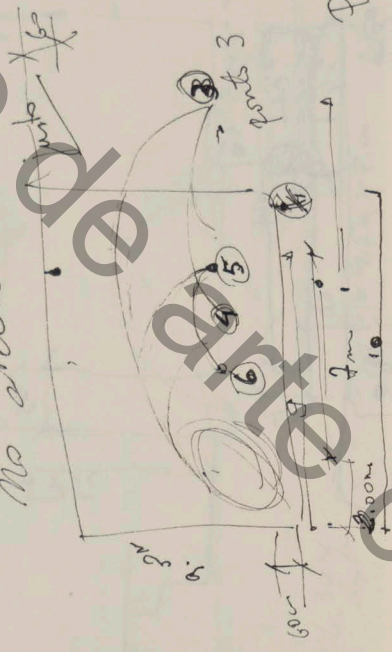
Contemporânea

sujeito em



11.50m

No atelier



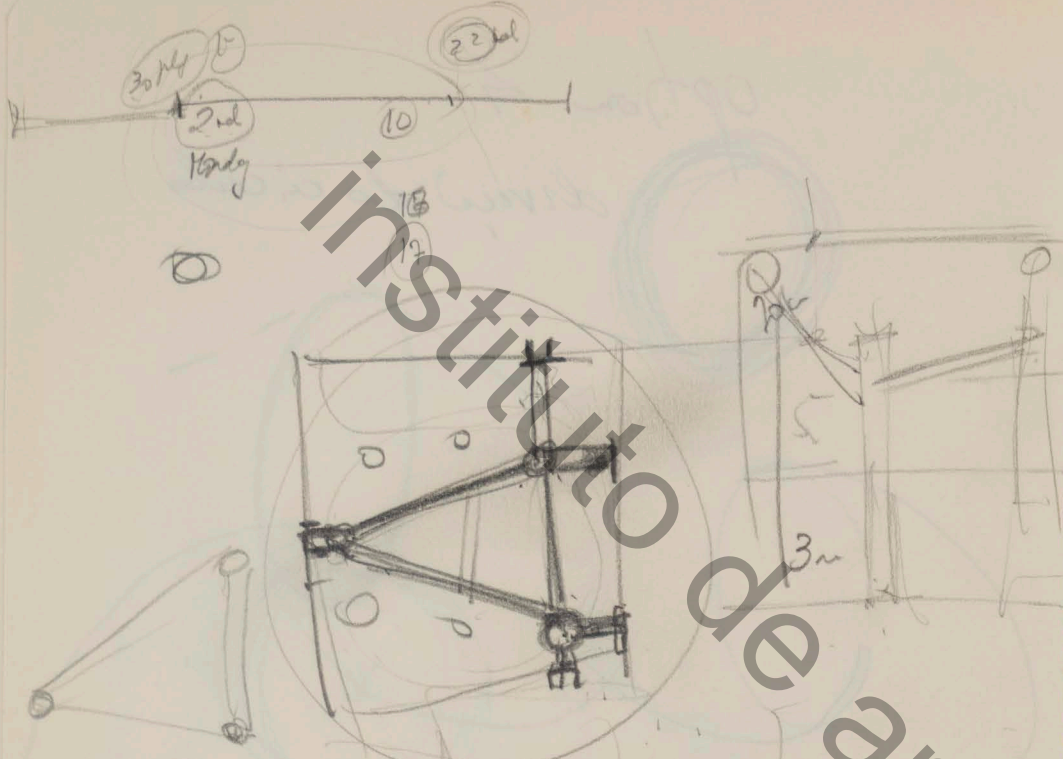
instituto de

Altura preta (p'direito)  
do jardim:



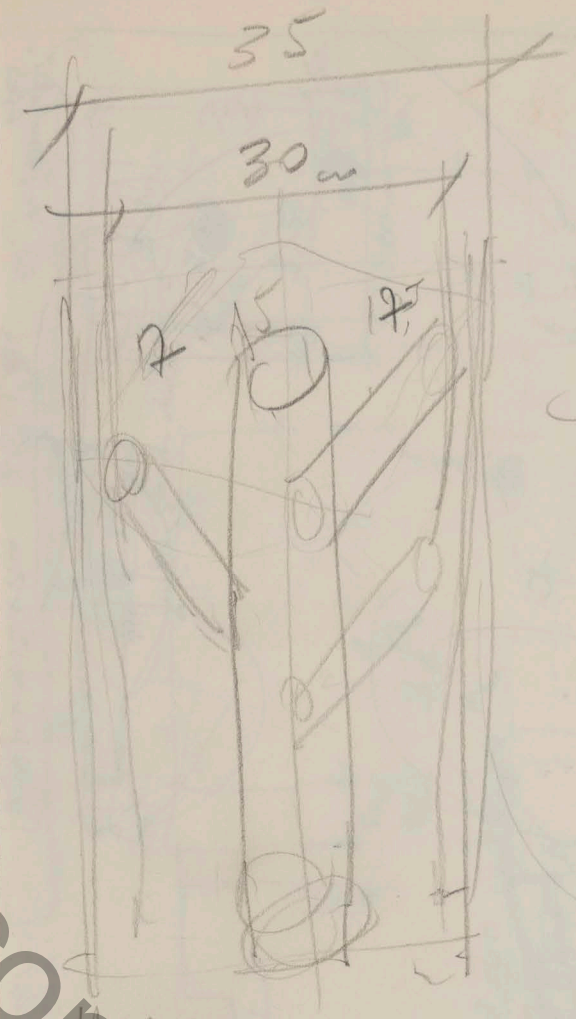
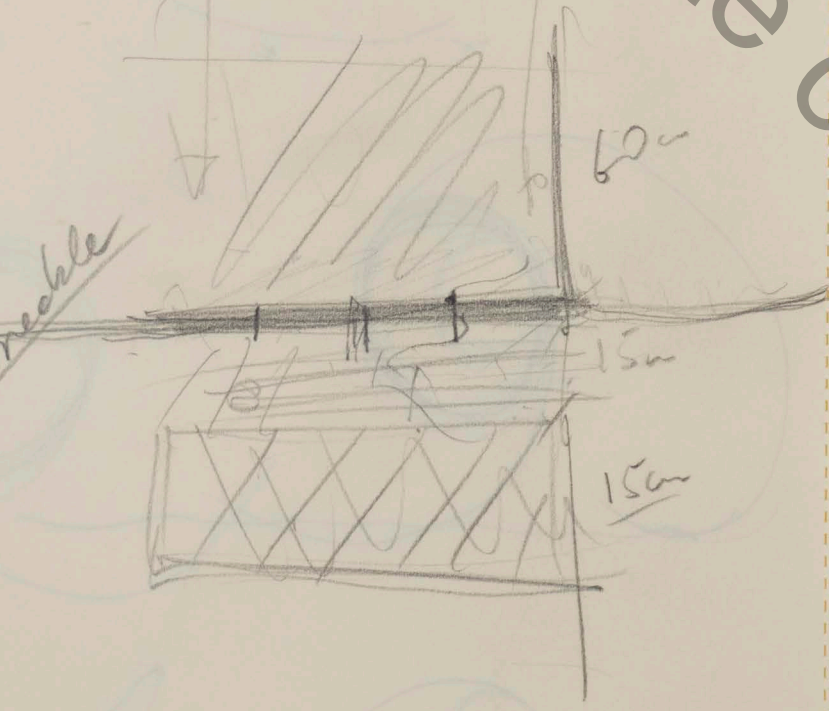
Contemporânea



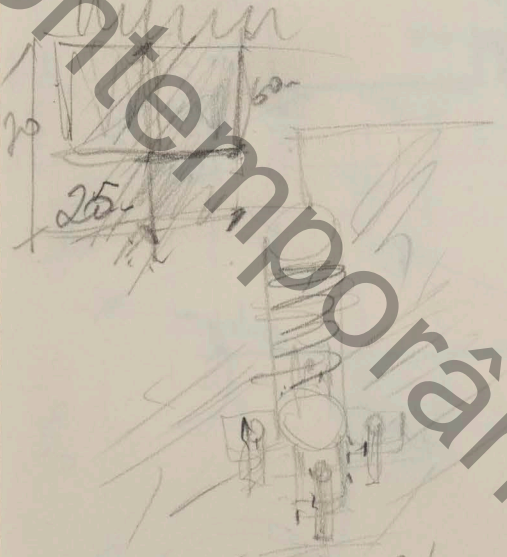
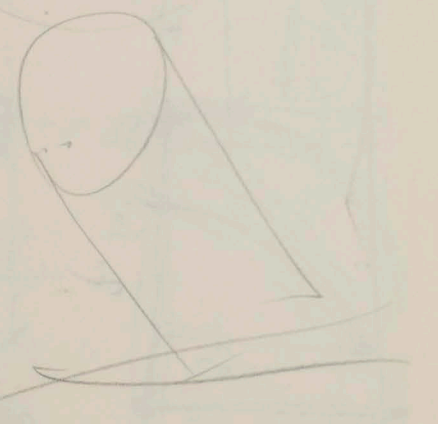
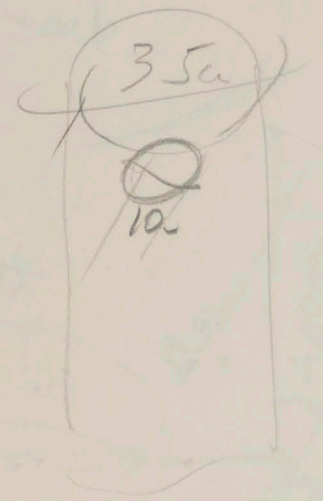


15  
10  
24 July  
15/20  
July

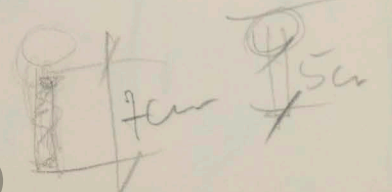
layer  
impossible



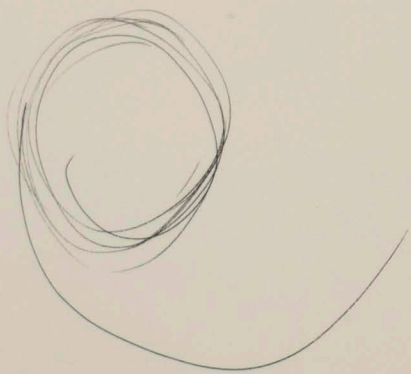
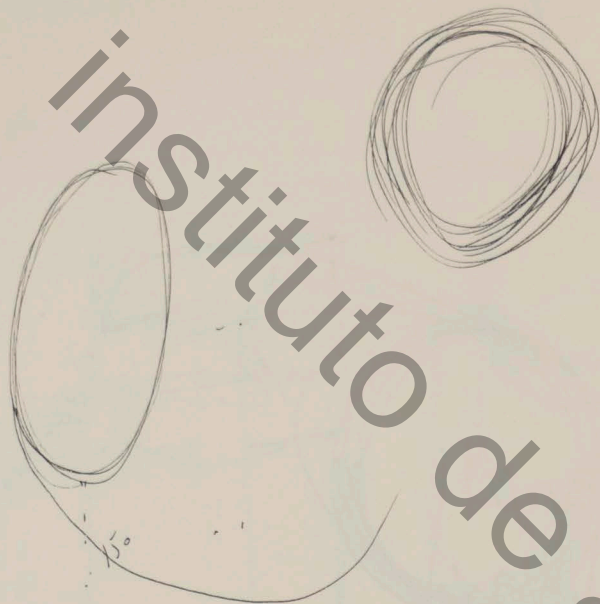
1/5  
2/3  
1/2



8/10

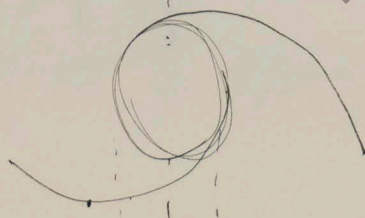
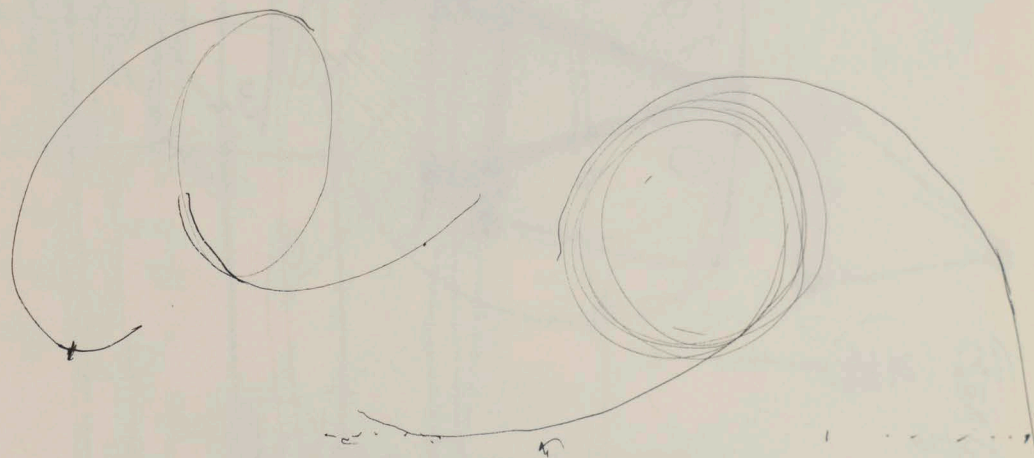


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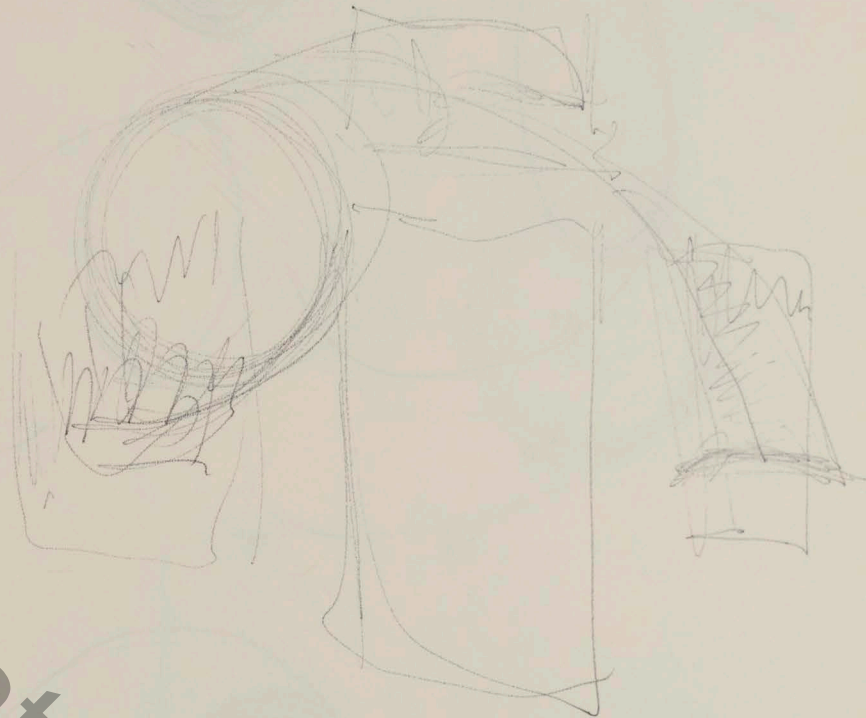


option 4

divisão do círculo



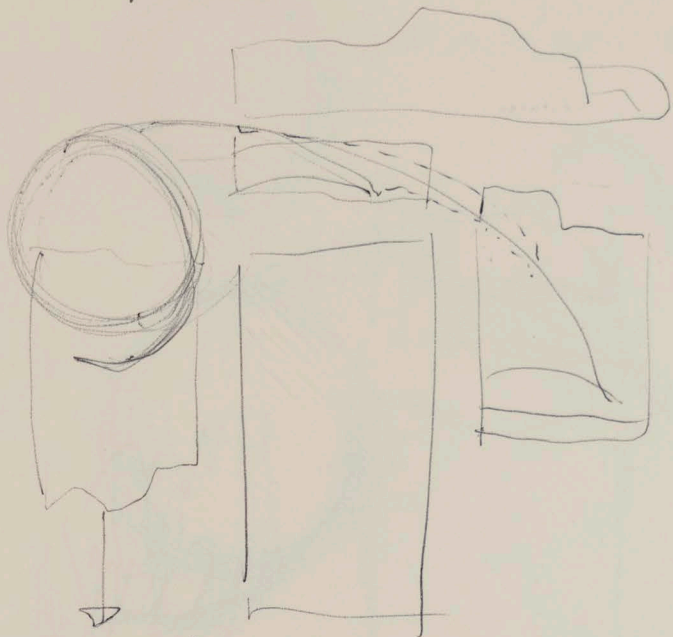
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instituto de arte

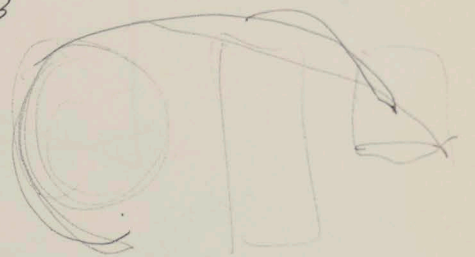
contemporânea

option 2:



centralizado

3



dobrado

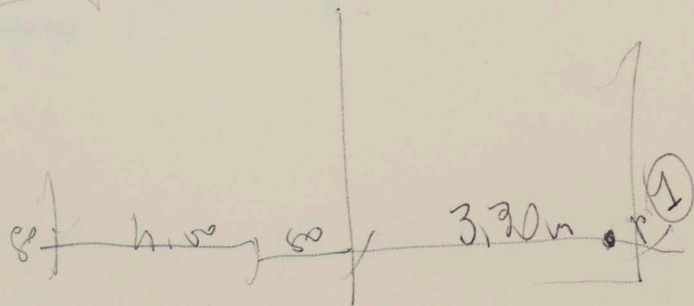
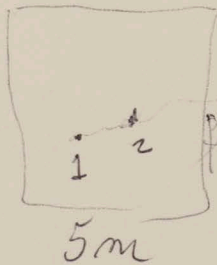
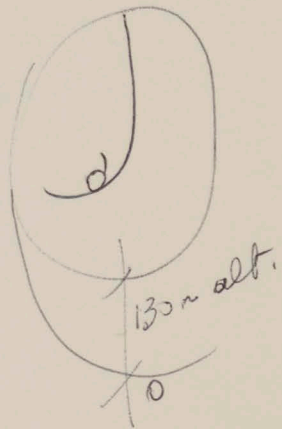


centralizado



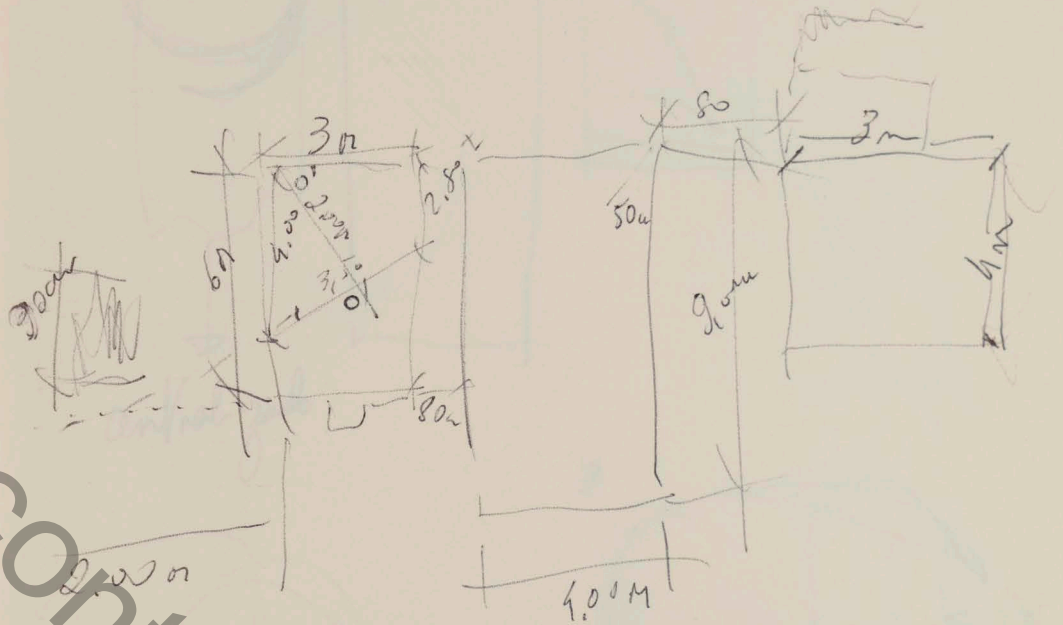
dobrado

instituto de arte

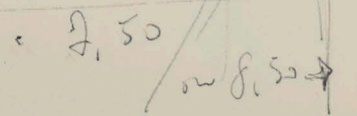


Ferlin

May 010



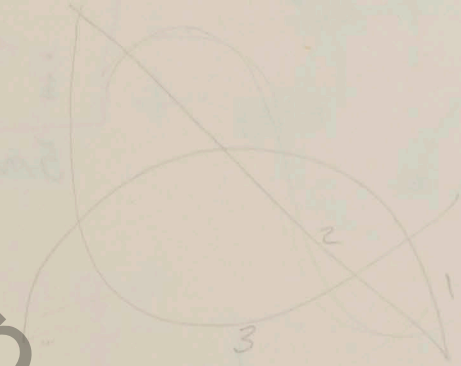
Contemporânea





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3 de  
May 2010



2 de  
2 de  
9-10  
11-11-10  
12-13-10  
14-15-10

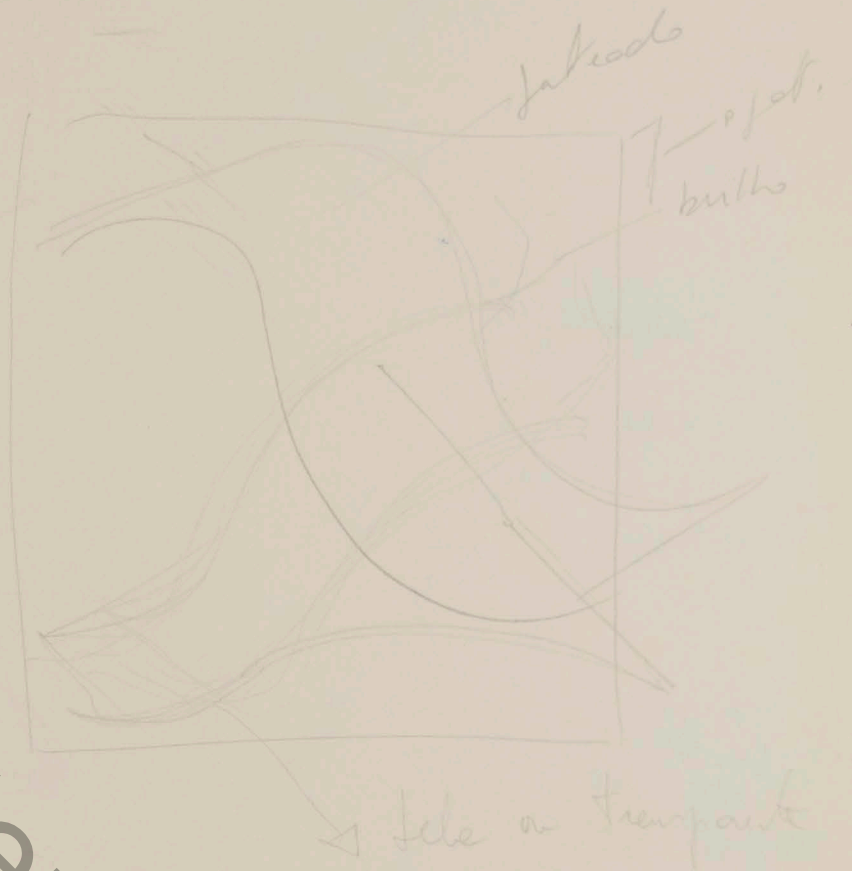
da  
sua

6  
4  
5  
10

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2 fat = 1 tipo entre na lido joleado  
1 bar

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A 1,00 x 25cm -  
1,00 x 25cm -

B 1,00 x 20cm

Sistema de Finac.

Hilch vermelha - epoxi  
— resina 24h?

- Desmontagem rápida -

1º -> Novam à noite.

Instalação no dia.

2º -> Desmontagem à noite.

- Sistema de andaimes:

• instala a linha

• desmonta a escada de andaimes

• define-se o patamar de 6 metros x 4m.

Onde se fará o volume?

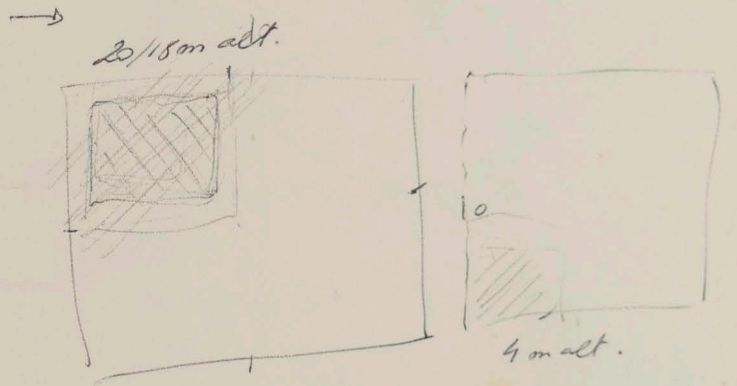
FINACOTECA:

5 chapas - Casa França - Brasil - 2 volumes

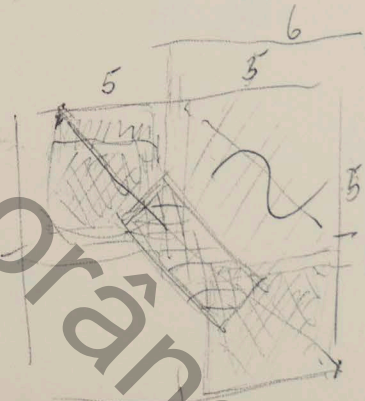
- ANDAIMES: 7.80m + 7.80m + 4.00  
8m + 8m + 4m = 20.0m.

-> bases 4x4m - amarradas.

-> plataforma - 7/ produção do volume

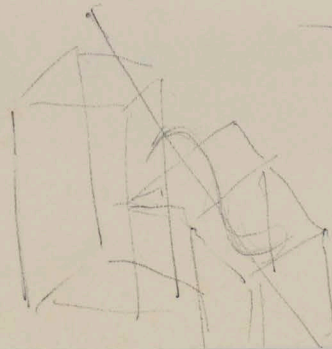


altura de  
plataforma:



-> plataforma  
para secção  
dos volumes.

-> produz no  
alto



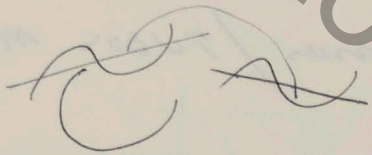
## AUTONOMIA DAS PAREDES

5



Ter arcos de o apoio no chão

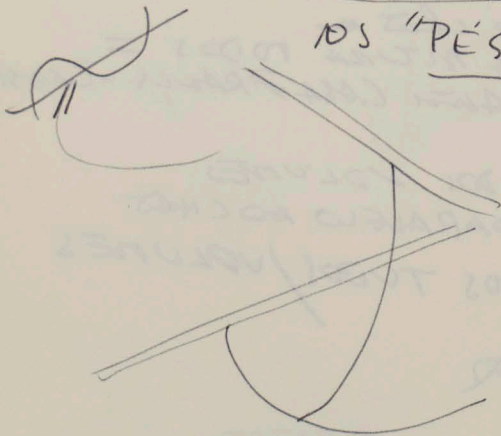
6



Ter arcos que os apoie no chão e ter ligações entre eles CURVAS

- SISTEMA DE MONTAGEM:

OS VOLUMES e SEUS POLICARBONAZOS  
C/ PEQUENAS PARTES DE TUBOS CURVOS  
Soldados para depois RECEBEREM  
OS "PÉS" CURVOS.



FUNCIIONARIAM  
COMO MOLAS.

2 propostas:

- 1) TUBOS PARALELOS AO CHÃO:  
BARDAS DE BALEIA  
c/ PÉS
- 2) TUBOS PARALELOS c/ "PÉS  
CURVOS"

2 propostas:

TUBOS INCLINADOS,  
INCLINADOS

- 1) PÉS retos no chão? 2?
- 2) PÉS CURVOS; MEU PAI!

Como 1 molécula gigante

AÉREA: para Expo B.H.

CHÃO: para JARDINS

Contemporânea

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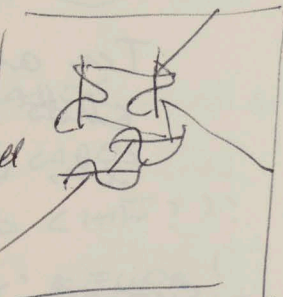
Melhor resultado:

4 volumes interligados

presos por

③ varas / tubos nas paredes

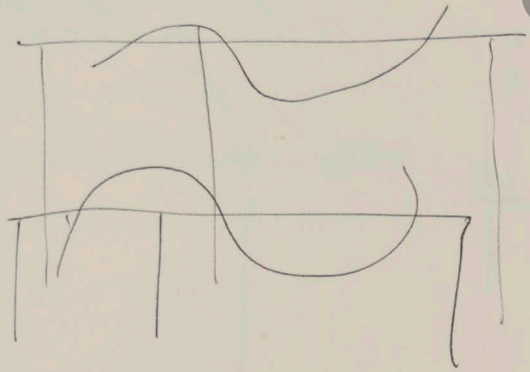
Alt. mínima  
3 metros  
ÁREA: base de 1.53m<sup>2</sup>  
- volume que  
tocam o chão  
(de 10m a 40m)



CONFRONTO: CORPO A CORPO COM A ESCALA  
HUMANAS  
Variações:

- ① - manter os tubos dos volumes paralelos ao chão e na mesma altura todos = DESMONTAR CASA FRANÇA - BRASIL
- ? ② - VARIAR ALT. DOS VOLUMES MANTER PARALELO AO CHÃO
- ③ - INCLINAR OS TUBOS / VOLUMES
- PRENDÊ-LOS NAS PAREDES
- ④ - idem 1, mas ter tubos como barras de baldaivas ao chão

Acumulado de  
superfícies

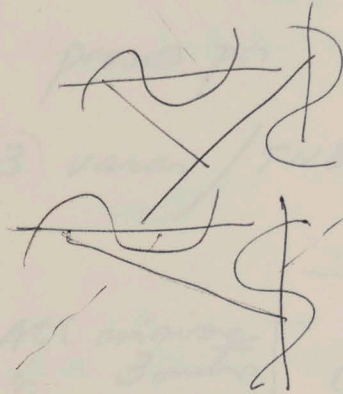


banos  
+ sala

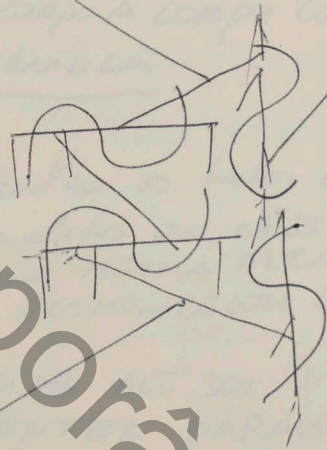
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atirados na parede  
Acumulados, apoiados no chão  
como banos/balcão.

• apoiados no chão  
por linhas  
inclinadas



p parede

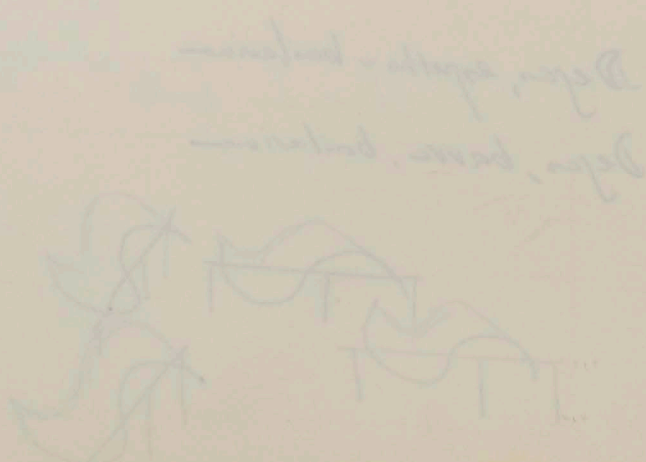
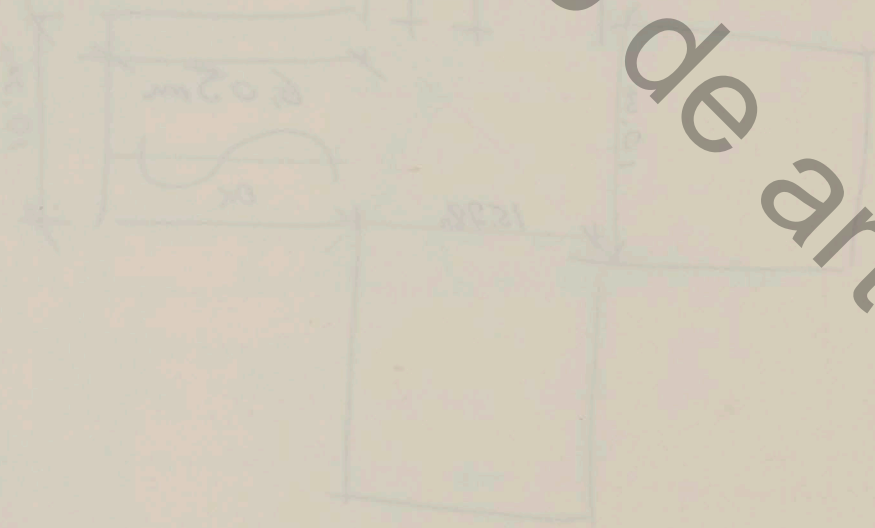


p parede

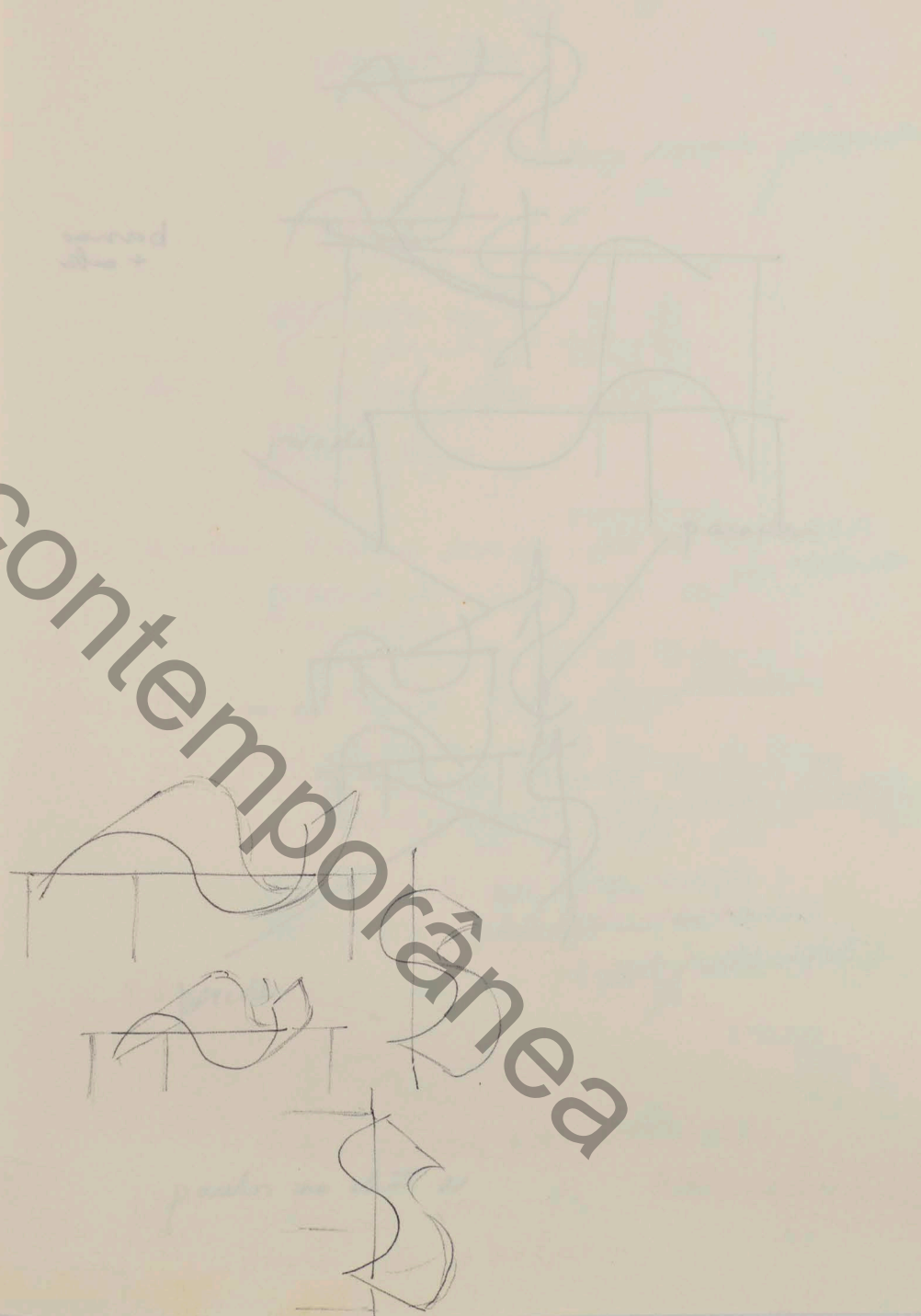
p parede

paralelos no chão ou

instituto de arte contemporânea



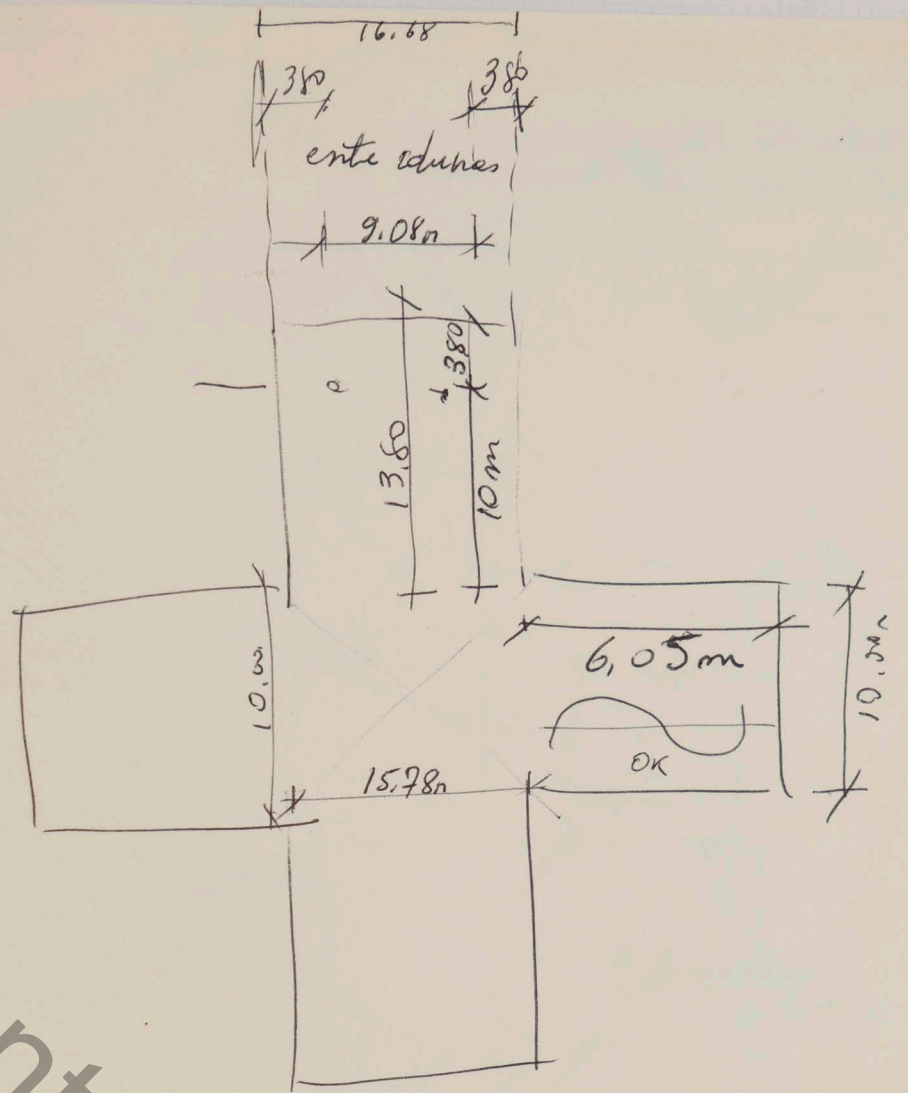
*[Faint handwritten notes at the top of the right page, possibly describing the sketches.]*





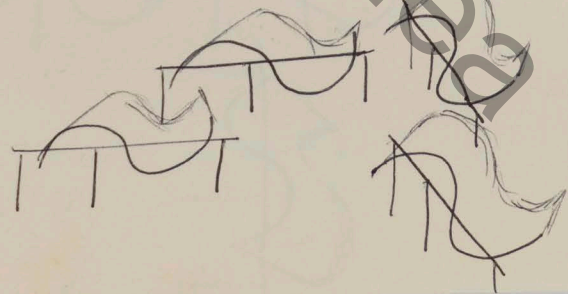
instituto de arte

contemporânea

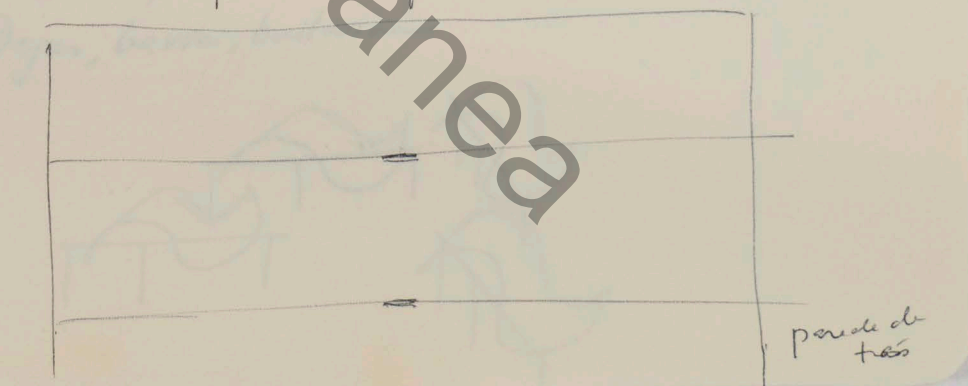
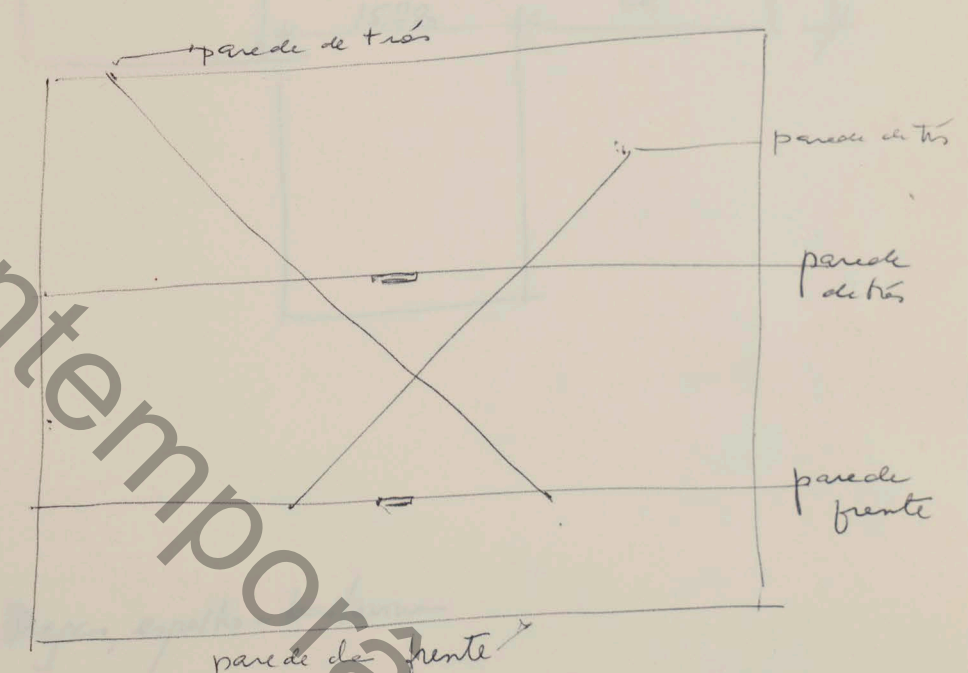
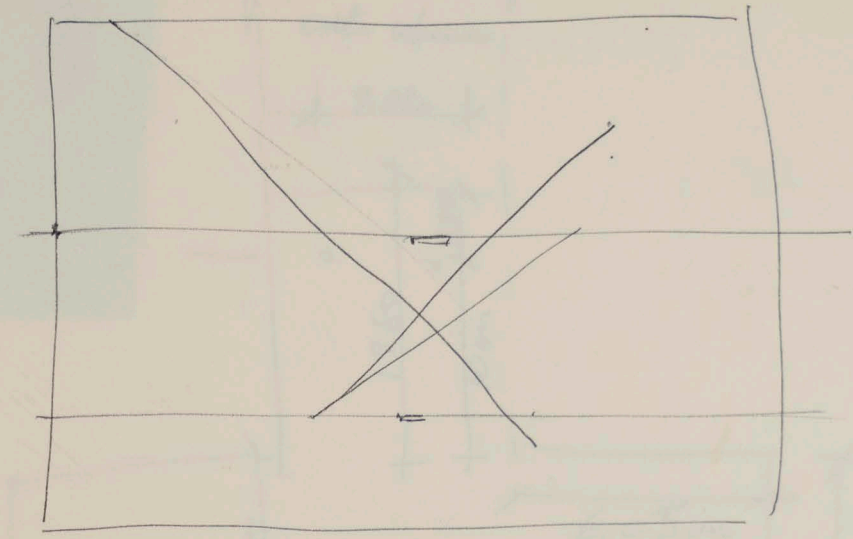
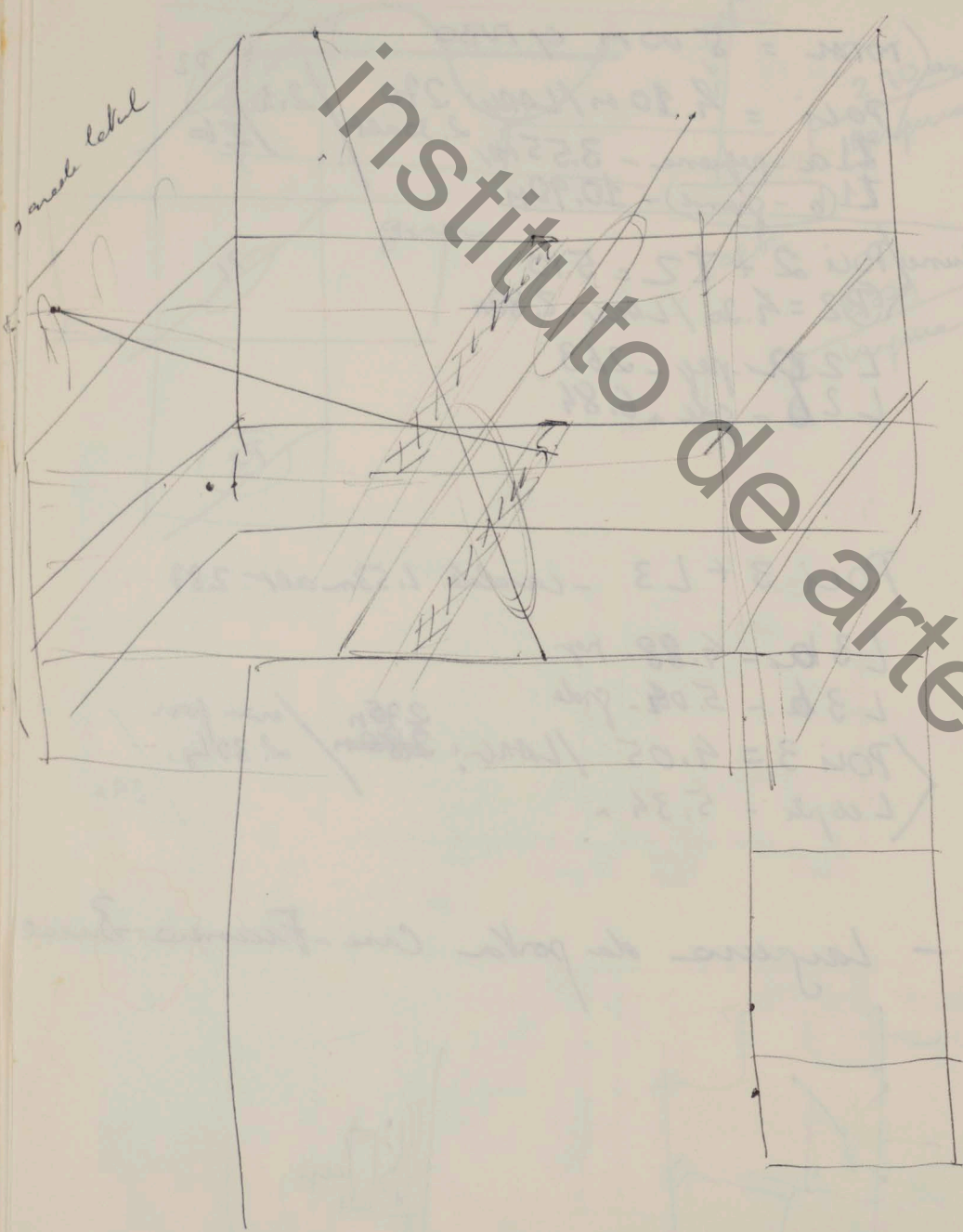


Deja, espelho, banheiro

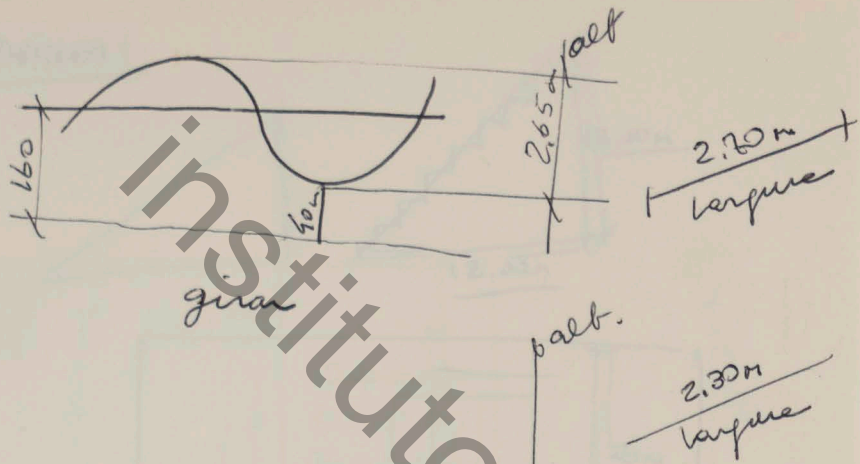
Deja, barra, banheiro



parede lateral



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giras

alt.

2.30m / largura

POLI 1 + T1 Desmontagem:

Volume TOTAL = 5.00 M<sup>3</sup> TVBO

POLI = 4.10 M / LARG.: 2.70

T1a - pequena - 3.55 M

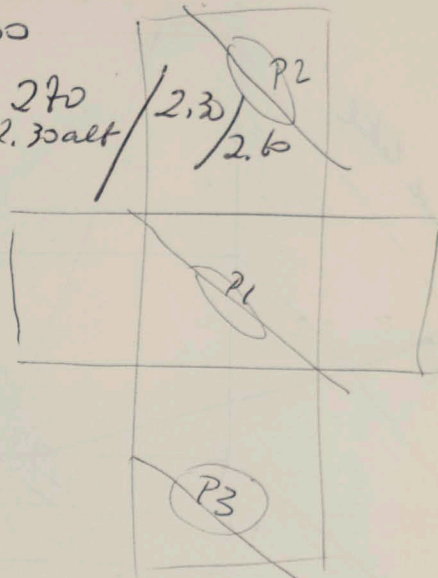
T1b - grande - 10.90 M

Volume POLI 2 + T2 = 5.10

P2 = 4.20 / LARG.: 2.80m

L2a - peg - 2.63

L2b - gde - 6.84



POLI 3 + L3 - Cavalete 1.53m alt. 2.87

L3a - 4.88 - peg

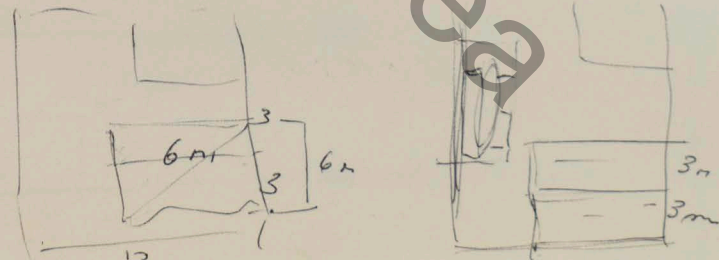
L3b - 5.04 - gde

POLI 3 = 4.05 / LARG.: ~~2.80m~~ / 2.30m

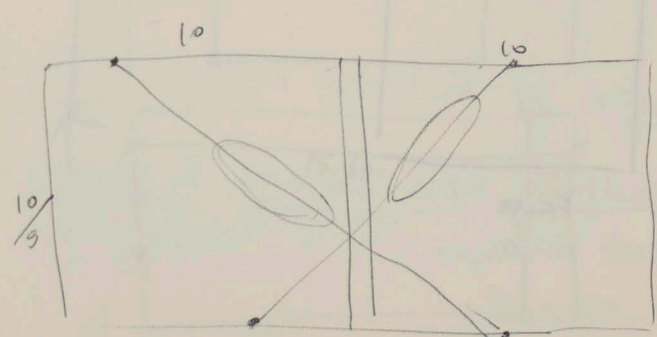
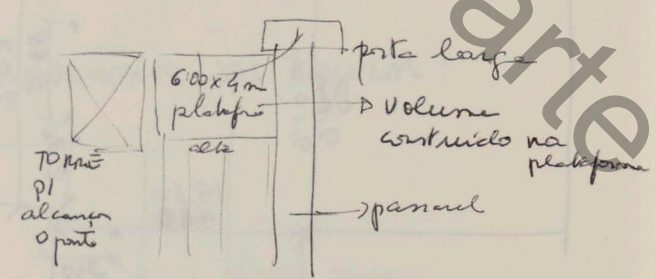
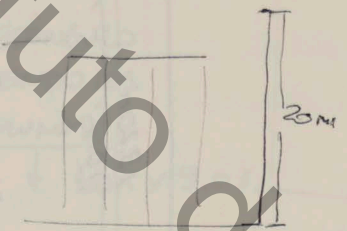
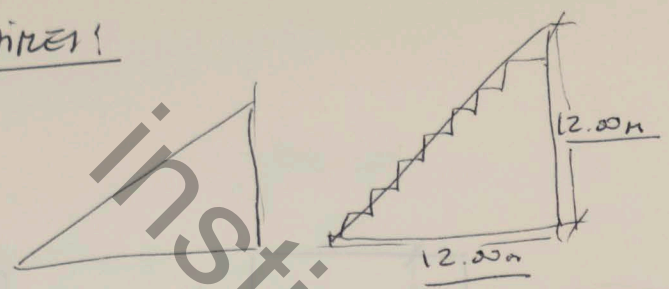
L3c - 5.34 m

2.95m / 2.80m / 2.30m / 2.90

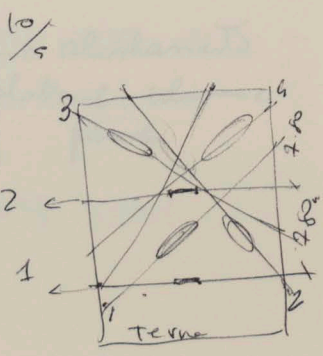
- largura da porta Casa - Franco Brail



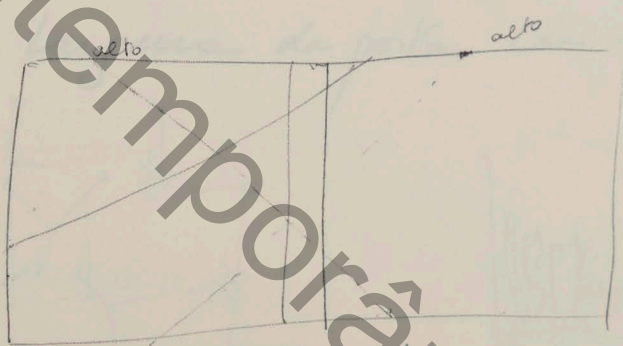
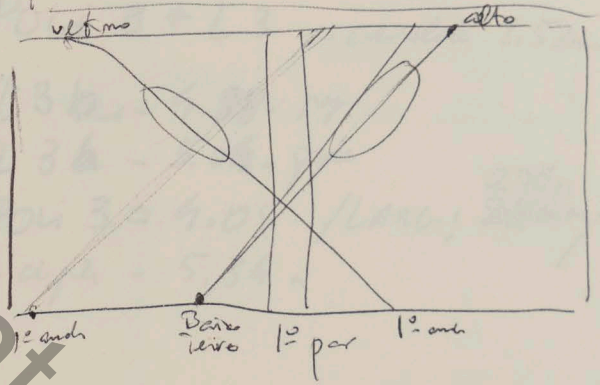
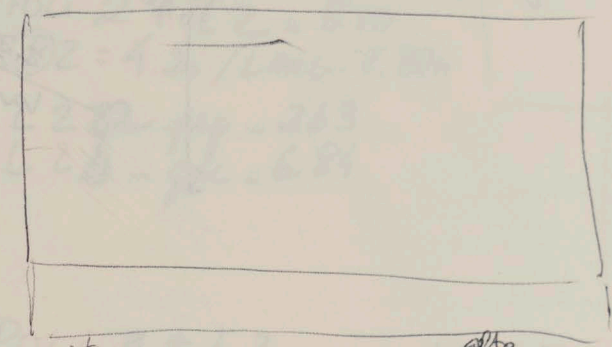
ANDRINETE 1



SITUAÇÃO ENTRE AS PASSARELAS

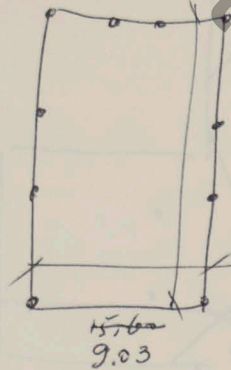


corte



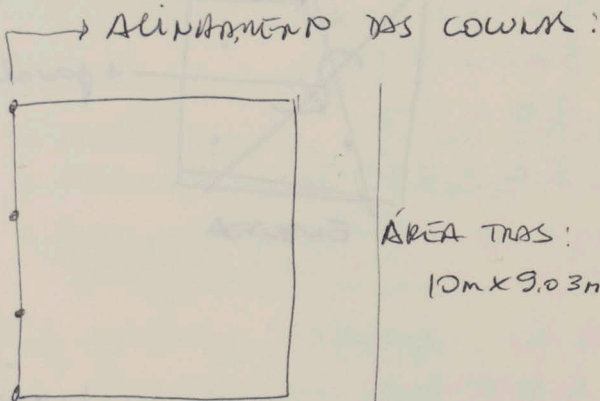
2ª passarela

Contemporânea

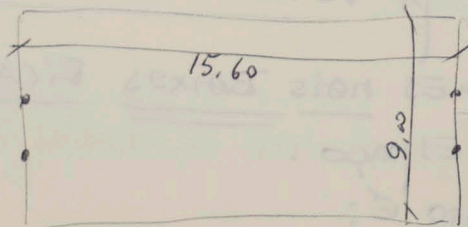


RETÂNGULO  
DENTRO DAS  
COWMS!  
↓ 10m x 9.03

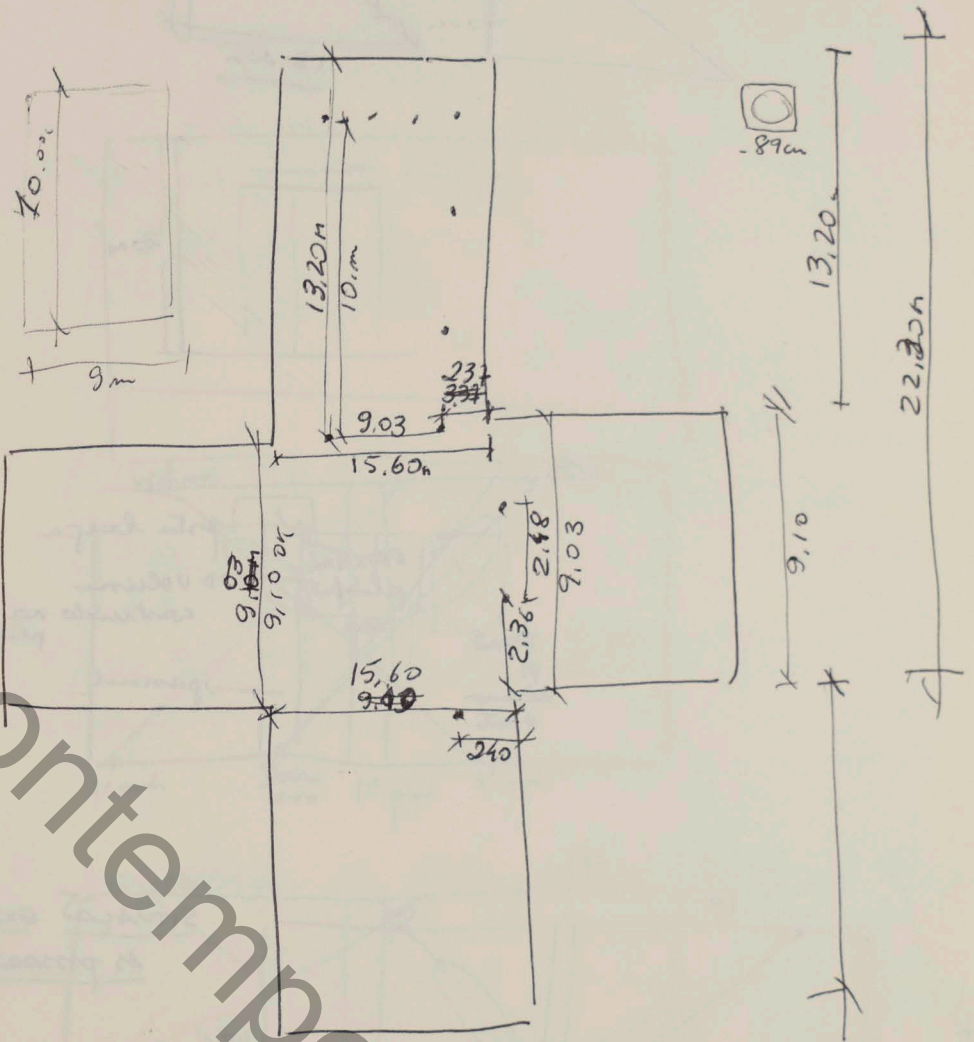
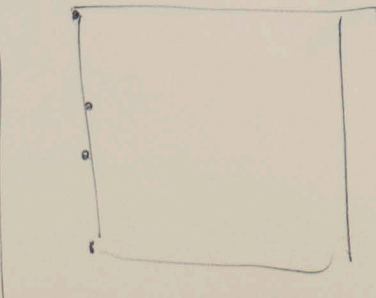
Alinhamento  
das paredes



ÁREA TRÁS:  
10m x 9.03m

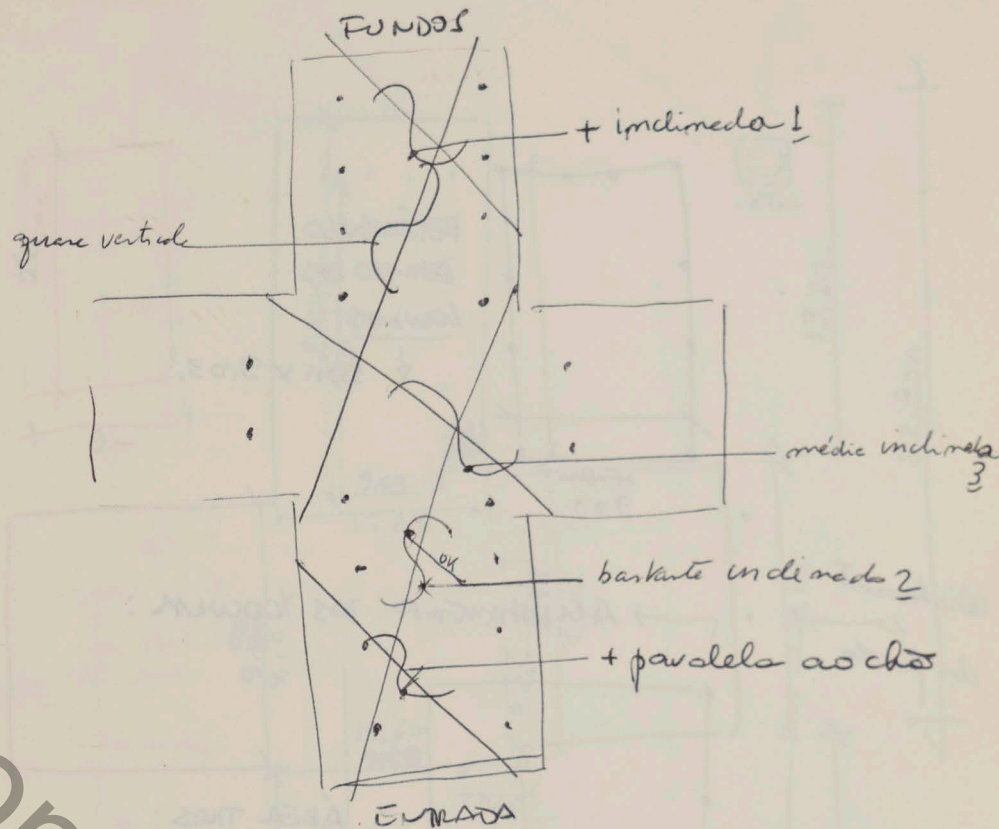


alinhamento  
lateral: dentro e  
paredes



FRONTE

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OBSERVAÇÕES p/ FUNDOS INSTALAÇÕES:

- OS DOIS VOLUMES MAIS BAIXOS RICARAM  
MEUOR NA ESPAÇO.

ISTO É:  
MAIS PRÓXIMO

Contemporânea

ANDAIMES - CASA DO CONSTRUTOR  
150M X 150M. tel: 2 5894829

CAMINHOS : 7.50m x 2.45m log x 2.40.

- 2<sup>o</sup>f - descem 2 volumes
- 3<sup>o</sup>f - descem 2 volumes
- 4<sup>o</sup>f - desce 1 volume?  
à tarde - caminhos p/ atelier  
lavagem 2 peças
- 5<sup>o</sup>f - embalagem 2 peças atelier  
- retirada de 1 volume
- 6<sup>o</sup>f - caminhos p/ atelier q 2 peças  
~~caminhos p/ tubos.~~  
lavagem 2 peças
- Sábado - embalagem 2 peças.  
caminhos com os tubos.

- ETIQUETAR AS PLACAS:

POR ORDEM DE RETIRADA.

P1 - MEIO	} 2 <sup>o</sup> f
P2 - TRÁS	
P3 - FRENTE (peq)	} 3 <sup>o</sup> f
P4 - Frente 2 gde	
P5 - MAIOR.	

TUBOS!

POR ORDEM DE RETIRADA:

- L1.
  - L1a - c/ Poli 6M ou 5...?
  - L1b - pequena
  - L1c - grande

- peg - L2.
  - L2a - 4 POLI 6M
  - L2b - pequena
  - L2c - grande <

- gde - L3.
  - L3a - c/ poli
  - L3b - peg
  - L3c - gde <

- peg - L4.
  - L4a - 4 poli
  - L4b - peg.
  - L4c - gde <

- gde - L5.
  - L5a - 4 poli
  - L5b - peg.
  - L5c - gde <

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que devem o espaço contemplando e  
e depois ela se aproximando pouco e

pouco da parte  
segmento final, ela se

— vista <sup>a partir</sup> pelo lado final

ponto de vista do espectador a partir  
da parte final do trabalho.



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- Importancia do plano retrócido:

- 1 só toque.

- reflexo do ambiente  
na superfície retrócida

- Traço angular retalhado  
da arquitetura do lugar.

- Paredes do chão e da parede  
se complementam com pedras  
do teto.

- corte = curv que estas imagens  
permanecem presas àquela  
superfície. Parecem vagar e  
se projetar <sup>mantêm nitidas</sup> no outro lado  
do chão e se mediam  
pelo espaço.

O espaço é curvo?

é dobrado? - dot dobrar retos: origens

é amassado? - aramos

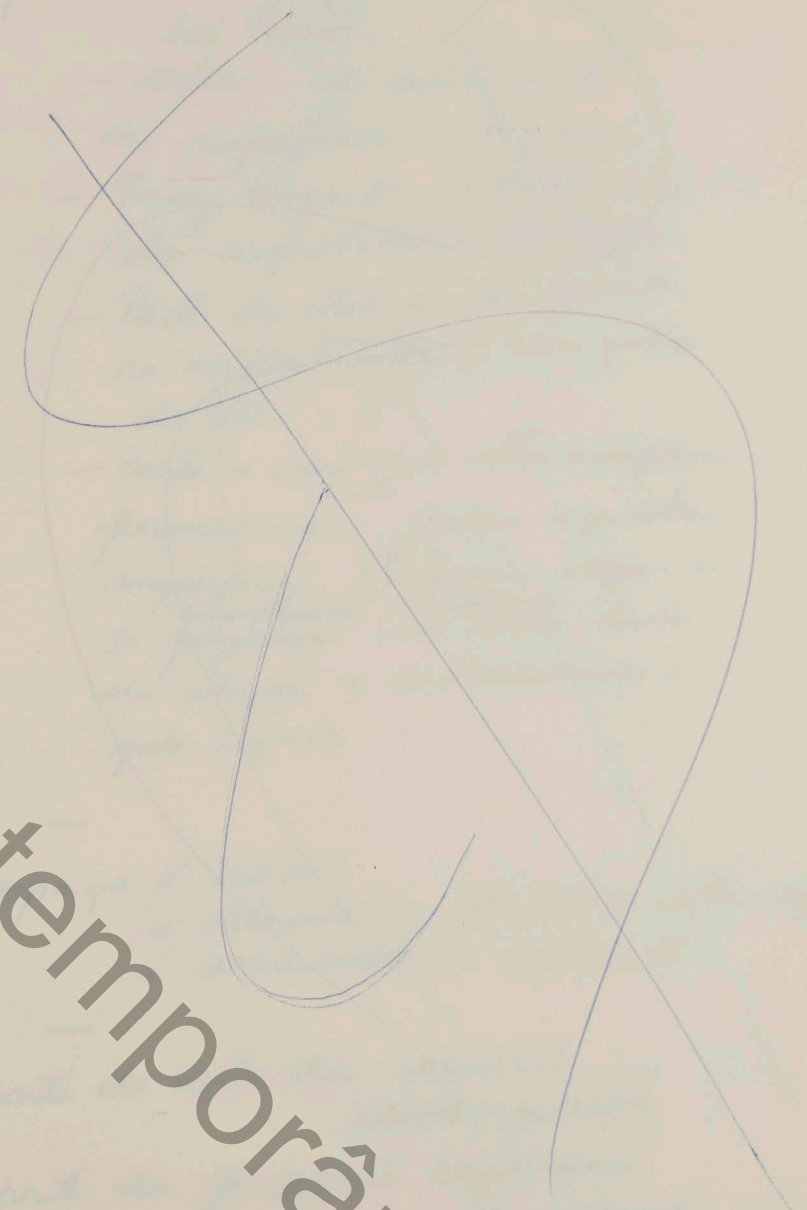
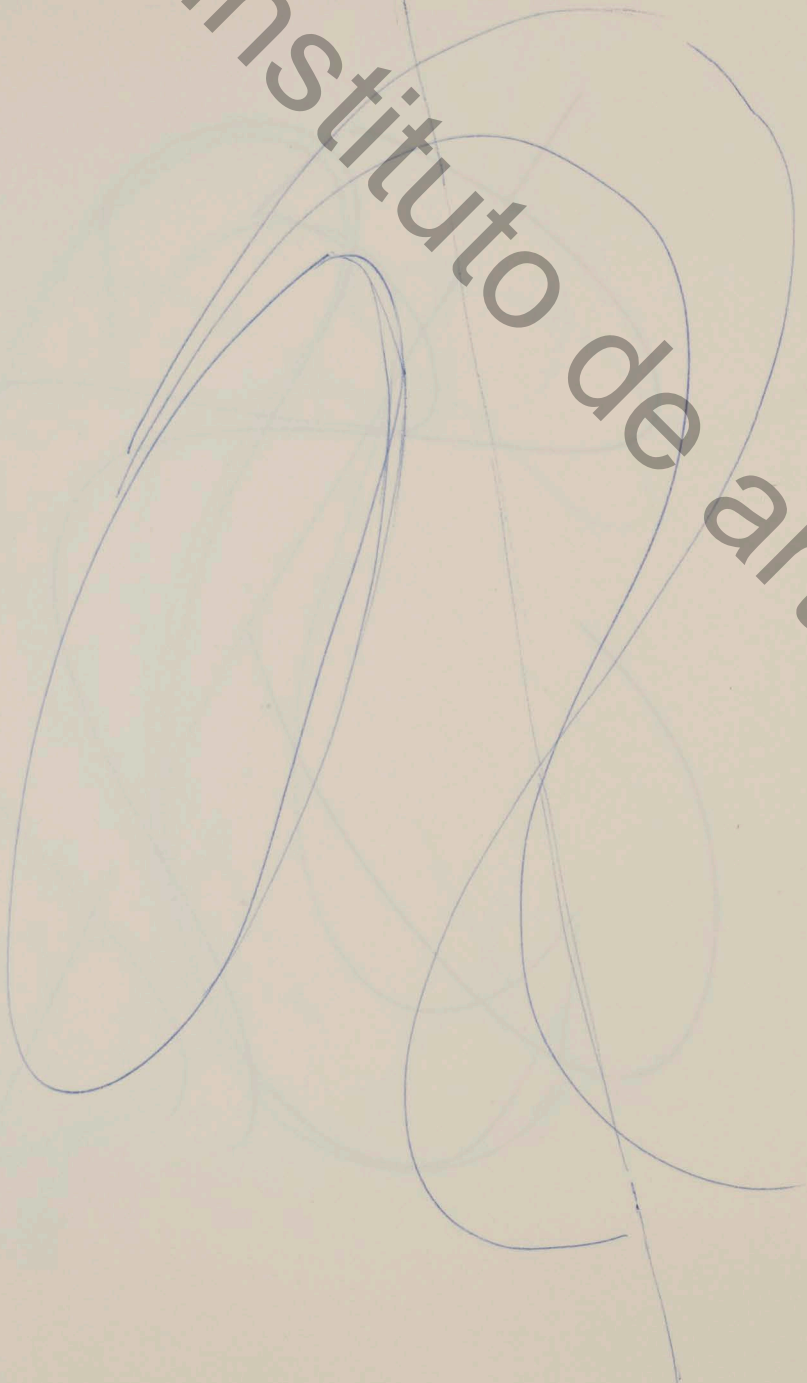
- pontos de vista da observação  
contemporânea

- pontos de percepção captares  
(como de coleção)

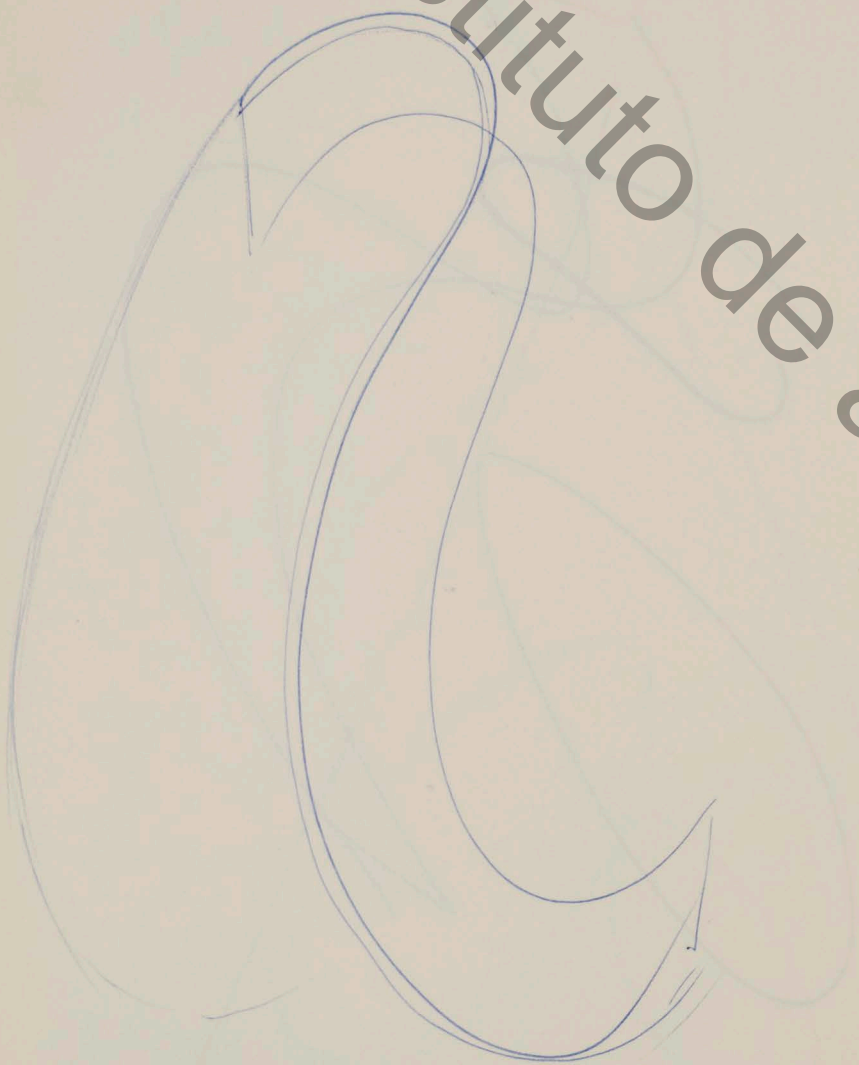
a obra se instala por como de coleção de

ele <sup>percebe</sup> <sup>percebe</sup> o espaço sabendo que  
algos osme ações dele

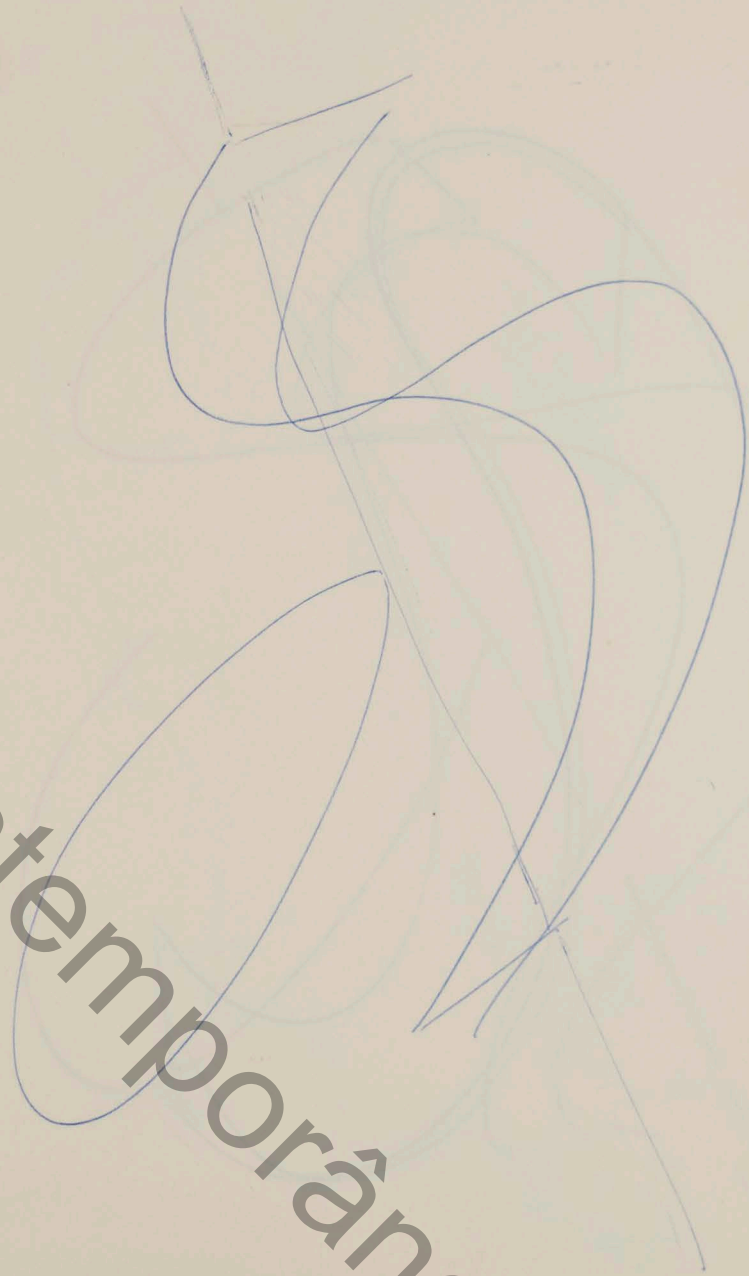
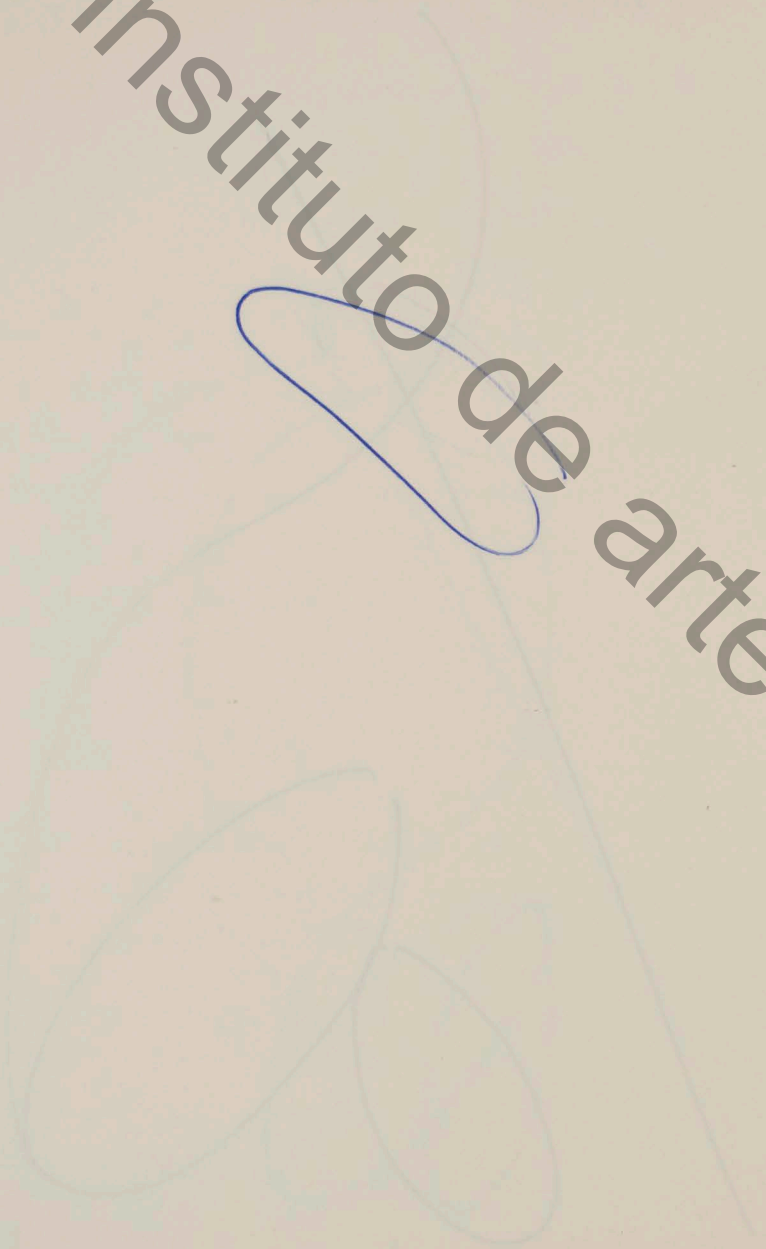
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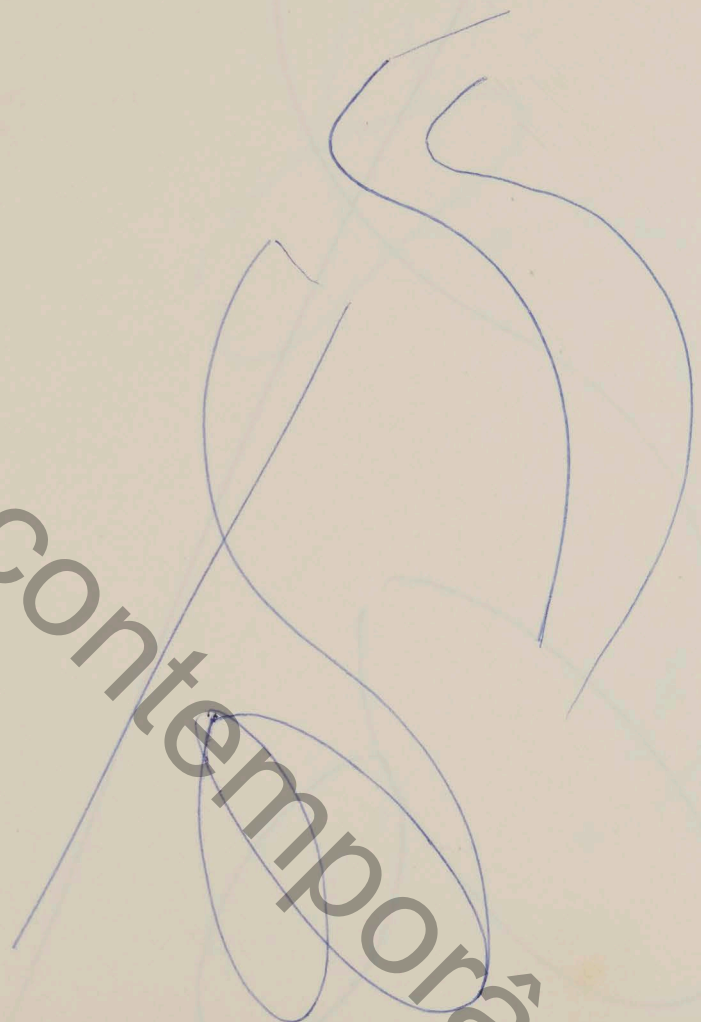
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\* cada volume terá 1 obra específica  
e será fixado ao tulo

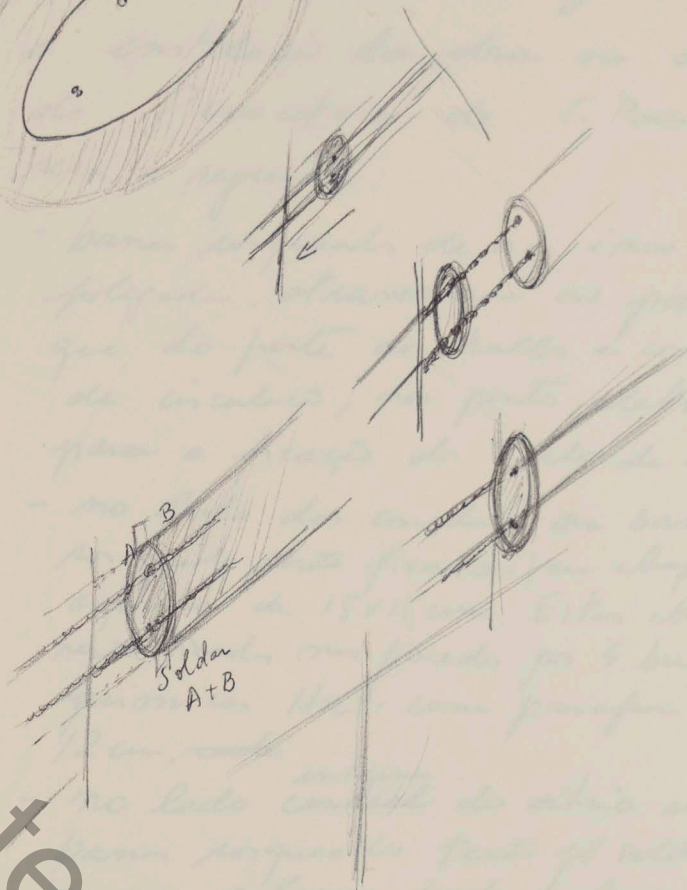
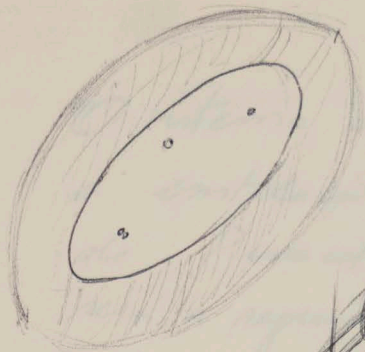


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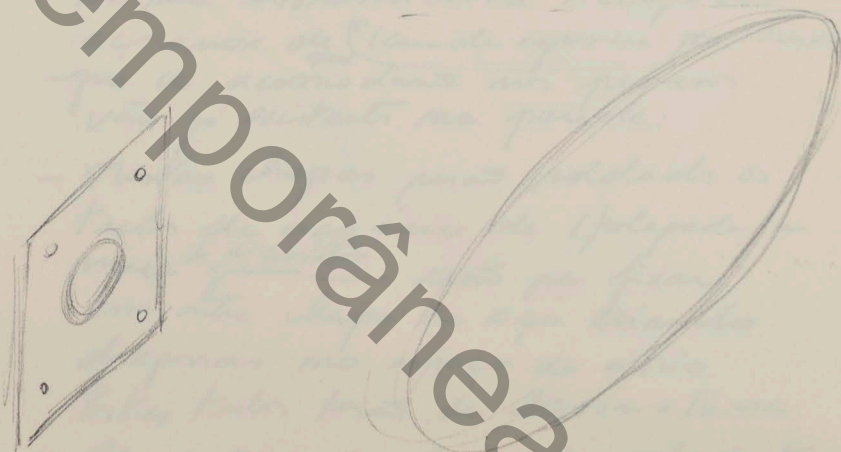
O sistema a ser utilizado para a instalação da obra no átrio do Pinacoteca de S. Paulo será o seguinte:

- Bases torçeadas de aço inox de  $\frac{1}{2}$  polegada, atravessam as paredes que do frontão aos halls e corredores de circulação, nos pontos determinados para a fixação dos tubos de aço.
- no lado dos corredores as bases torçeadas serão fixadas em chapas de aço inox de  $15 \times 15$  cm. Estas chapas serão fixadas nas paredes por 4 buchas químicas Hilti com parafuso de 12 cm.
- no lado <sup>interno</sup> central do átrio estas bases torçeadas terão já soldados na sua extremidade 1 chapa de aço inox de 1 cm de espessura <sup>para</sup> 10 cm x 10 cm que se acomodará nos pequenos vão já existentes na parede.
- nestas chapas serão soldados os tubos de aço inox de 1 polegada e meio <sup>de diâmetro</sup> que não se fixar em outra chapa de aço criando diagonais no espaço do átrio. Estes tubos terão de 20,00 m a 16,00 m.
- Os tubos e 1 volume de policarbonato de 4,50 m.
- Serão 5 tubos e 5 volumes de policarbonato.

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Soldar  
A+B





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contemporânea

