Passo-a-Passo das Instalações Elétricas Residenciais

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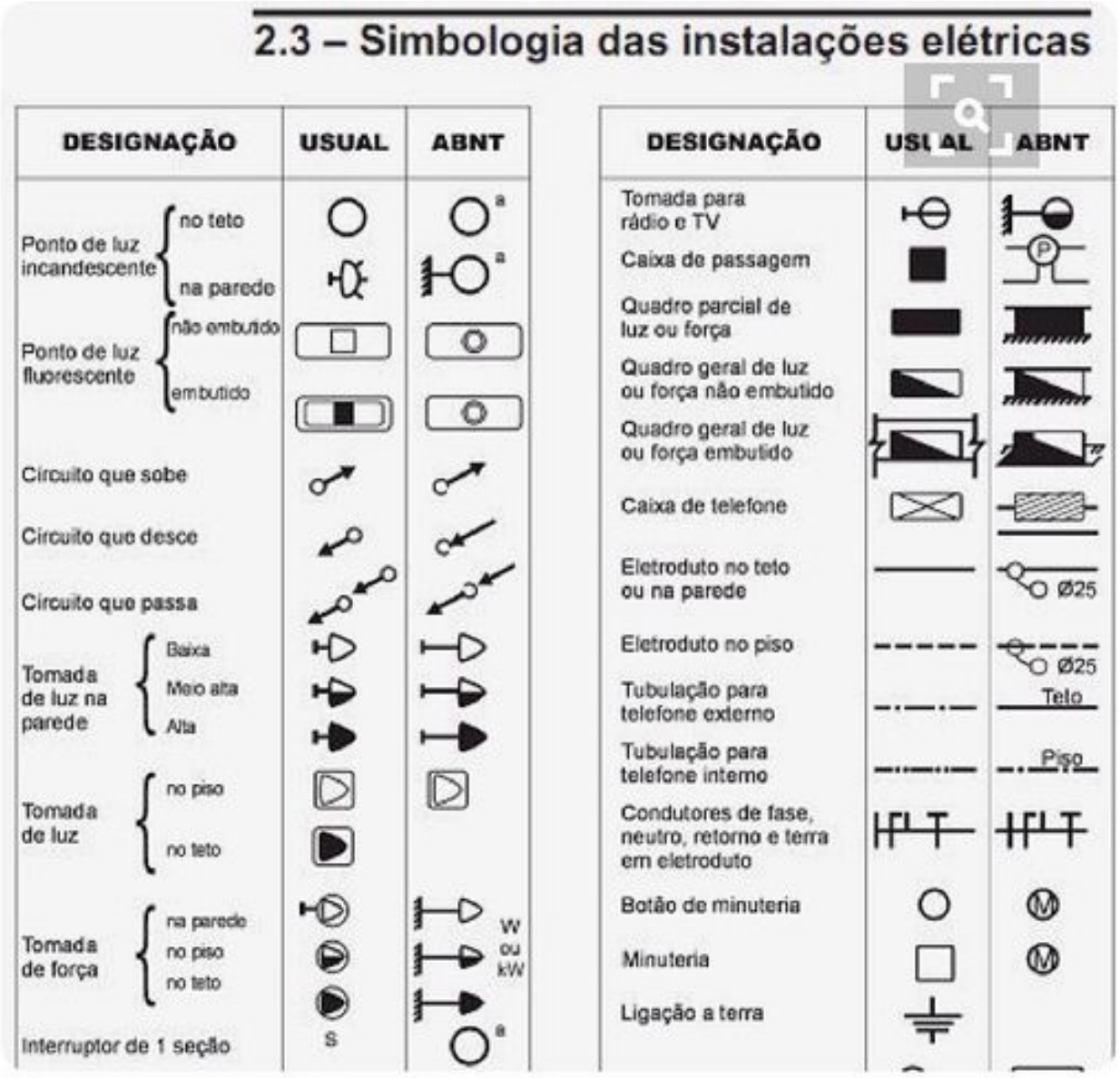
IEA Editora – CENTENE

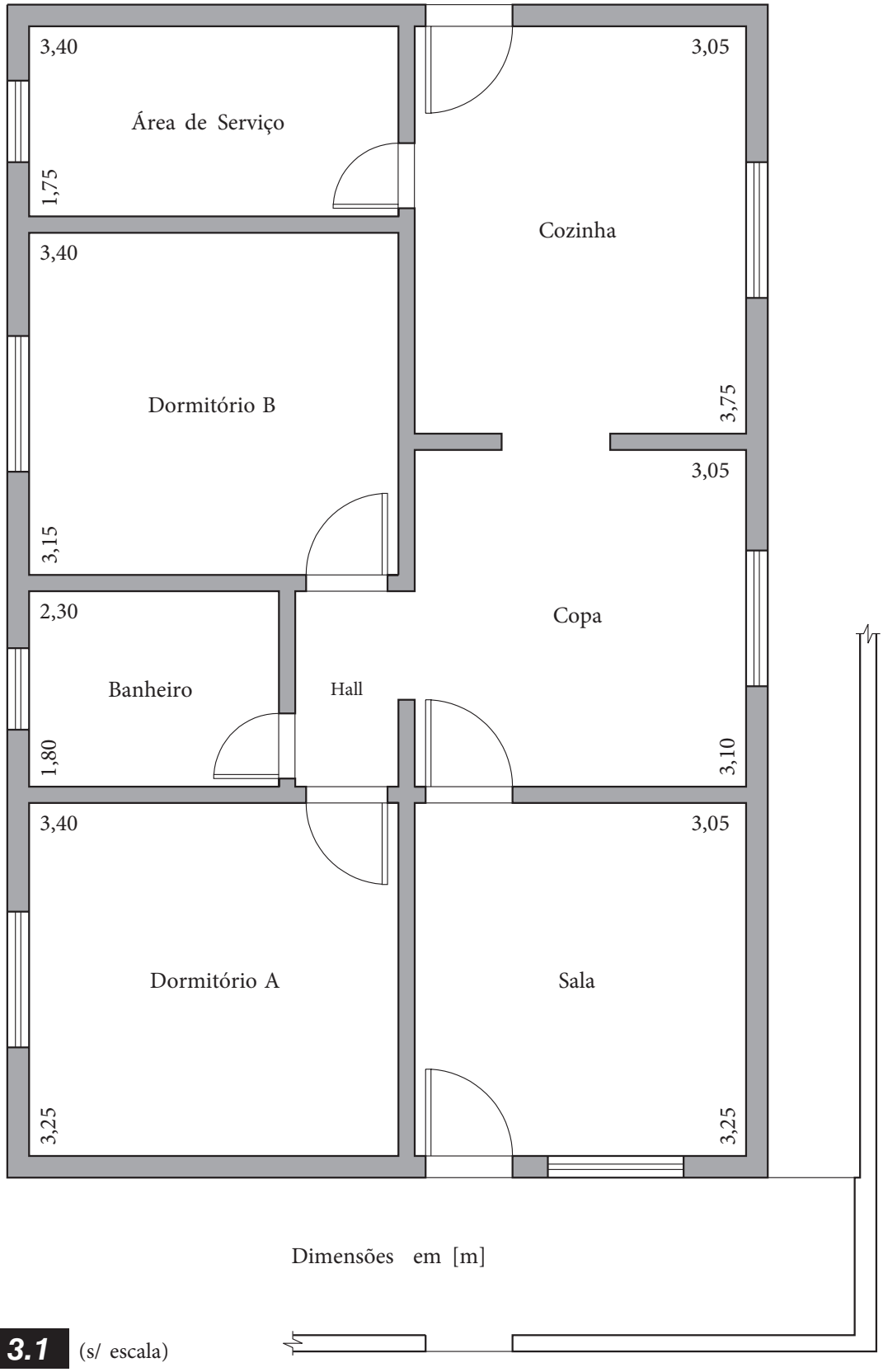
Siga a orientação dos desenhos na realização do seu projeto. Utilize a simbologia usual na confecção do projeto

DESIGNAÇÃO	USUAL	ABNT
Ponto de luz incandescente: no teto		
Ponto de luz incandescente: na parede		
Ponto de luz fluorescente: não embutido		
Ponto de luz fluorescente: embutido		
Circuito que sobe		
Circuito que desce		
Circuito que passa		
Tomada de luz na parede: Baixa		
Tomada de luz na parede: Meio alta		
Tomada de luz na parede: Alta		
Tomada de luz: no piso		
Tomada de luz: no teto		
Tomada de força: na parede		W ou kW
Tomada de força: no piso		
Tomada de força: no teto		
Interruptor de 1 seção	S	a
Interruptor de 2 seções	S2	a b
Interruptor de 3 seções	S3	a b c
Interruptor paralelo ou "Three-way"	S3w	a
Interruptor intermediário ou "Four-way"	S4w	a
Botão de campainha		
Cigarra		
Campainha		
Saída para telefone: externo		
Saída para telefone: interno		no piso
Motor		M

DESIGNAÇÃO	USUAL	ABNT
Tomada para rádio e TV		
Caixa de passagem		P
Quadro parcial de luz ou força		
Quadro geral de luz ou força não embutido		
Quadro geral de luz ou força embutido		
Caixa de telefone		
Eletroduto no teto ou na parede		Ø25
Eletroduto no piso		Ø25
Tubulação para telefone externo		Teto
Tubulação para telefone interno		Piso
Condutores de fase, neutro, retorno e terra em eletroduto	FLT	FLT
Botão de minuteria		M
Minuteria		M
Ligação a terra		
Fusível		
Disjuntor a óleo		
Chave com fusíveis para alta tensão		
Chave com fusíveis para baixa tensão		
Disjuntor a óleo		
Chave blindada		
Transformador de corrente		
Transformador		
Relógio elétrico no teto		
Relógio elétrico na parede		

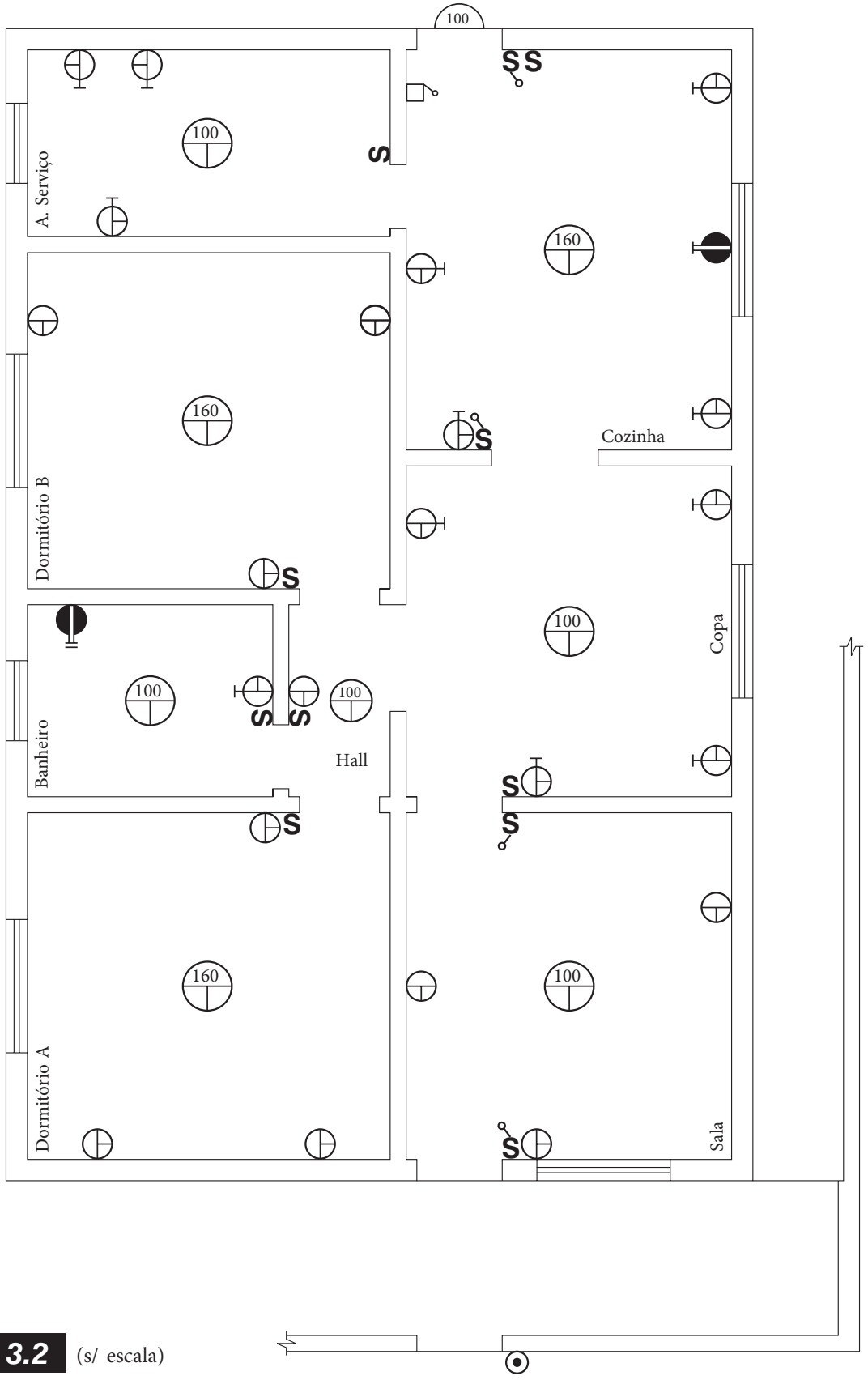
2.3 – Simbologia das instalações elétricas





Dimensões em [m]

Desenho 3.1 (s/ escala)



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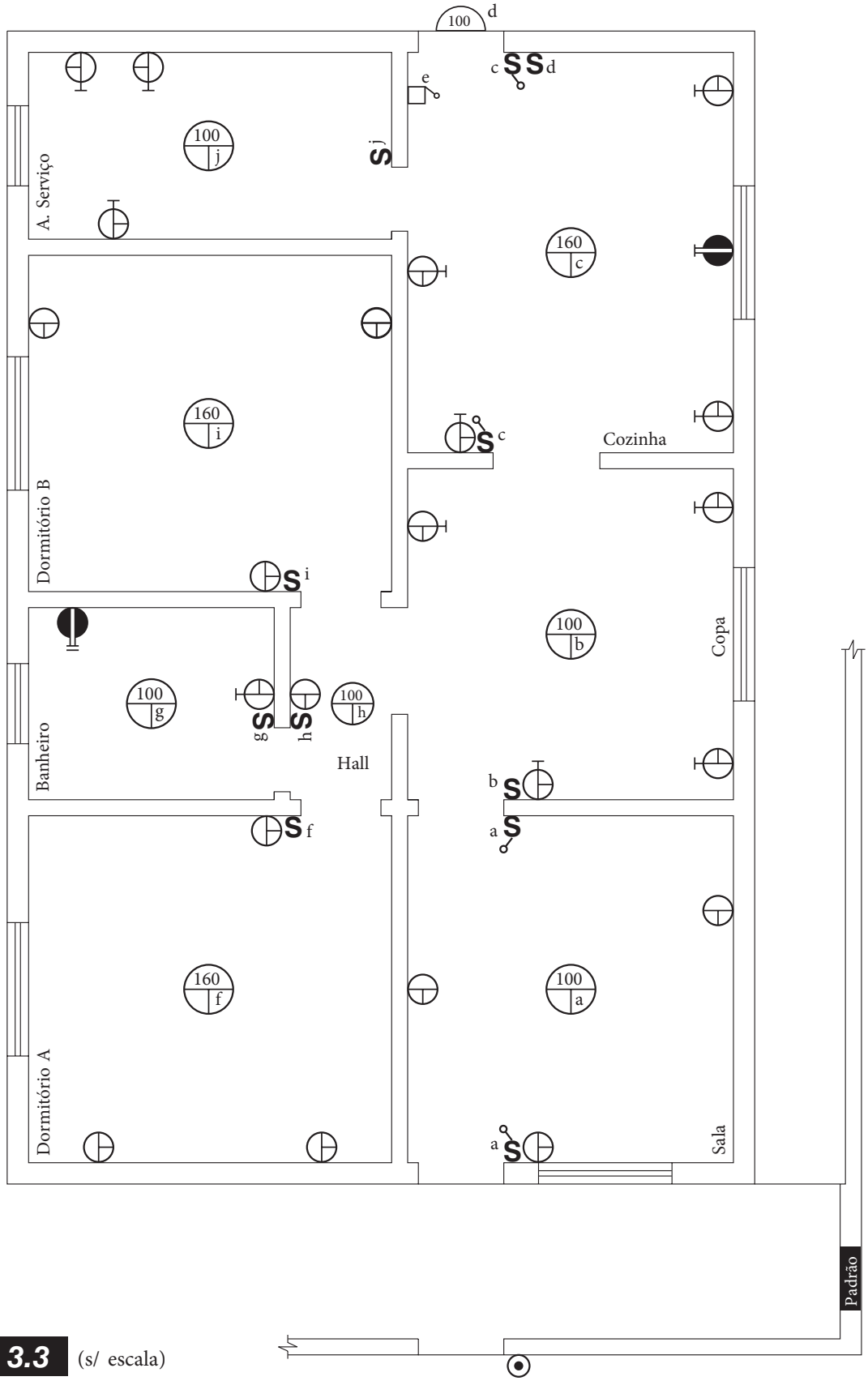

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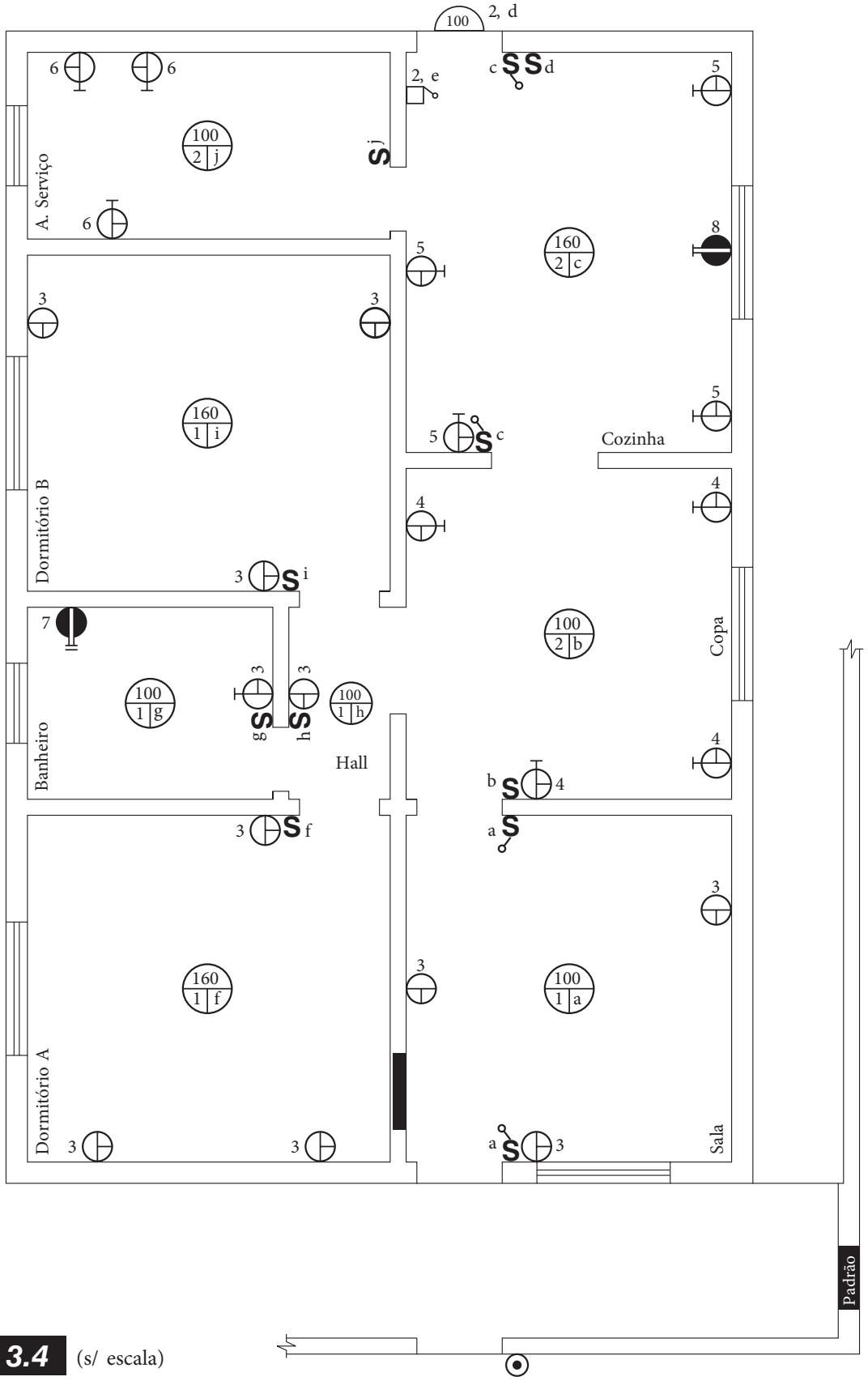

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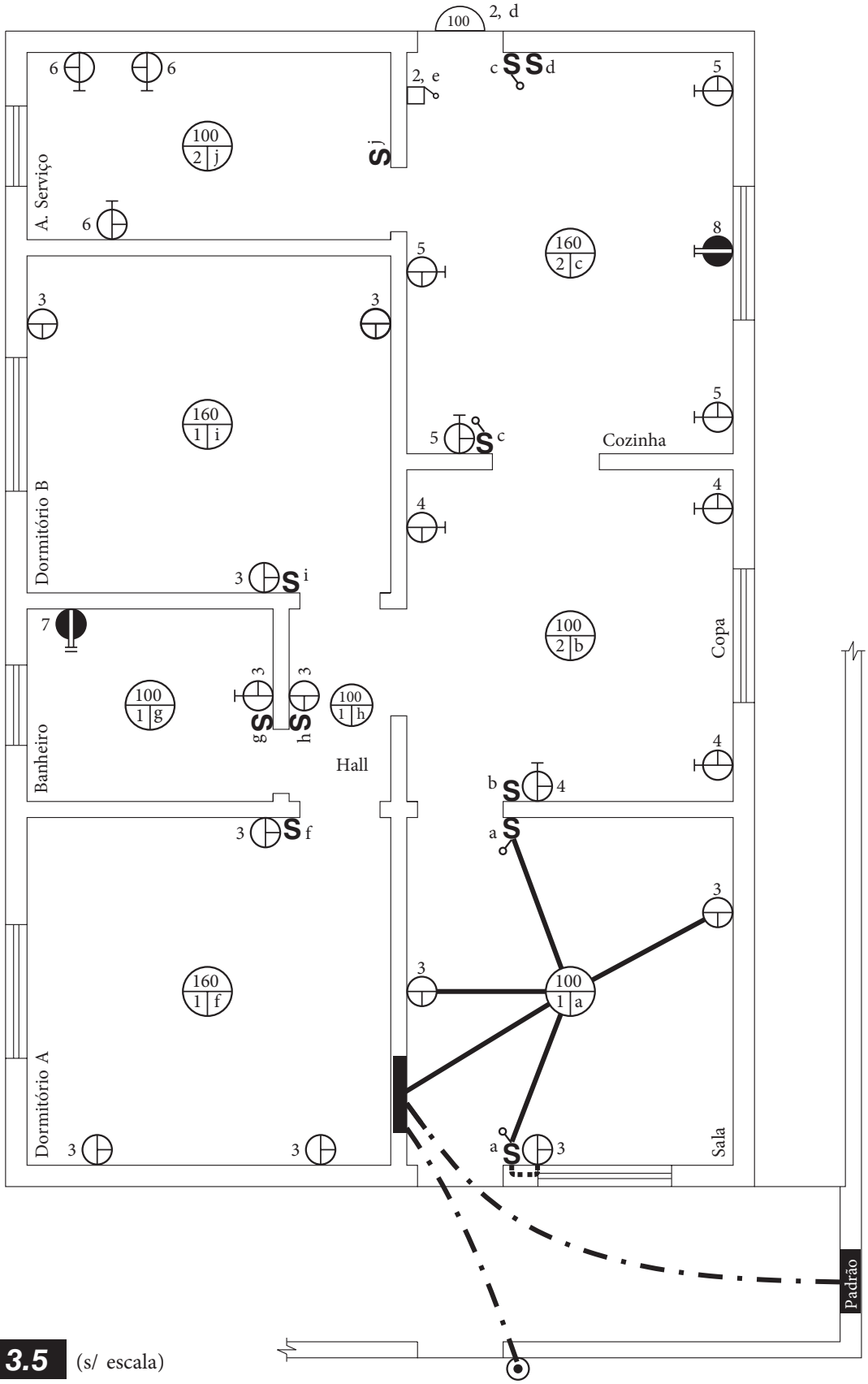

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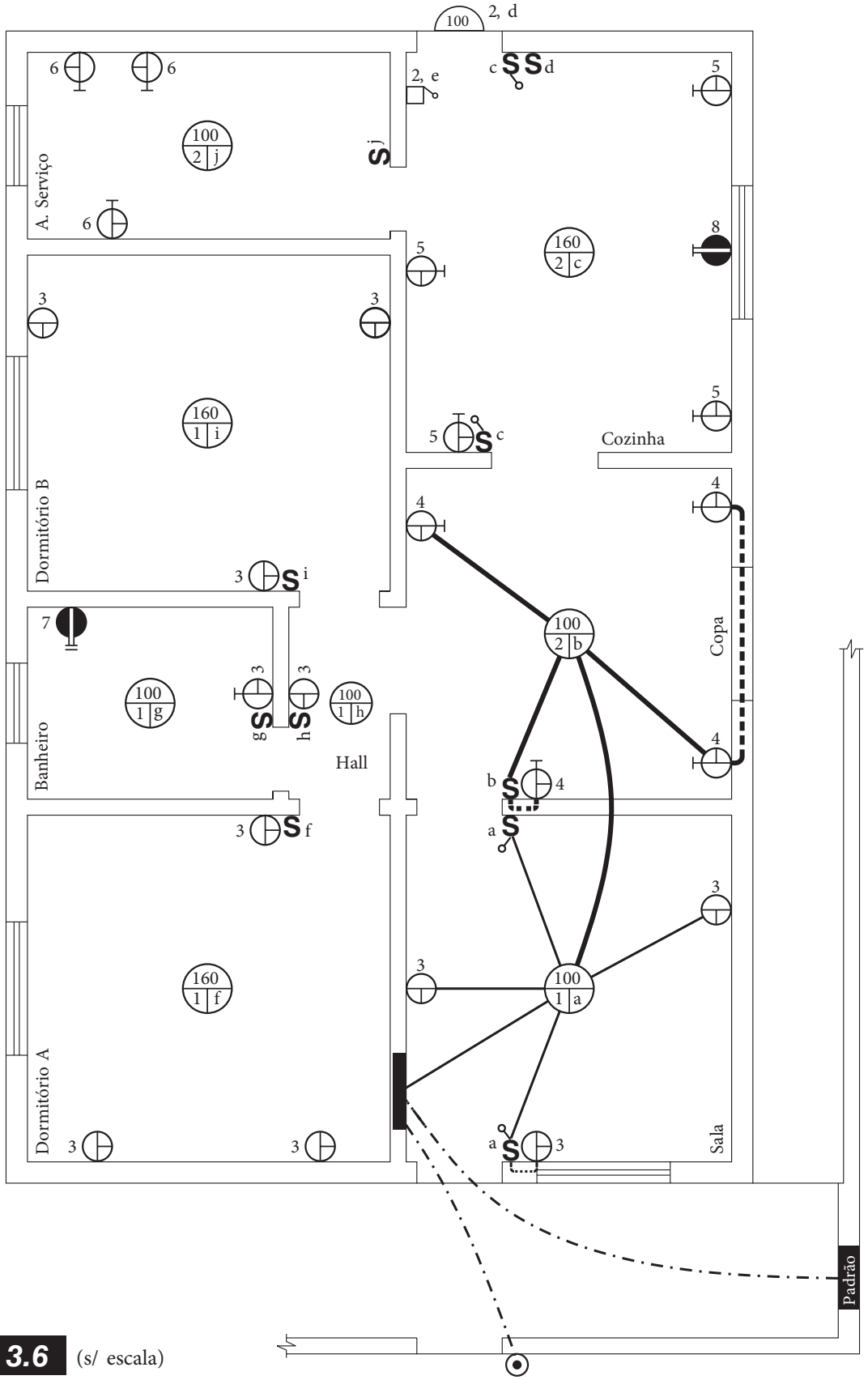

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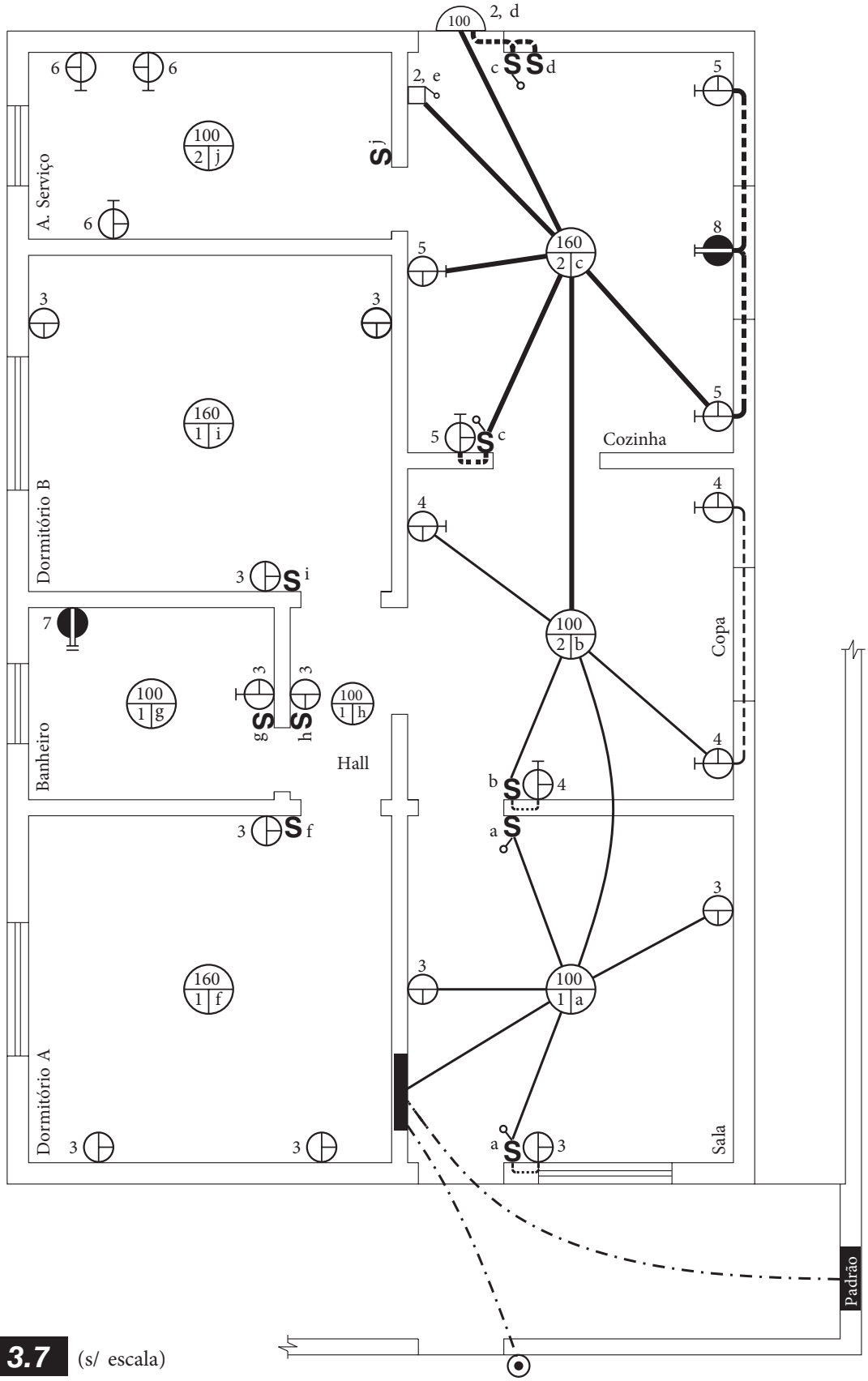

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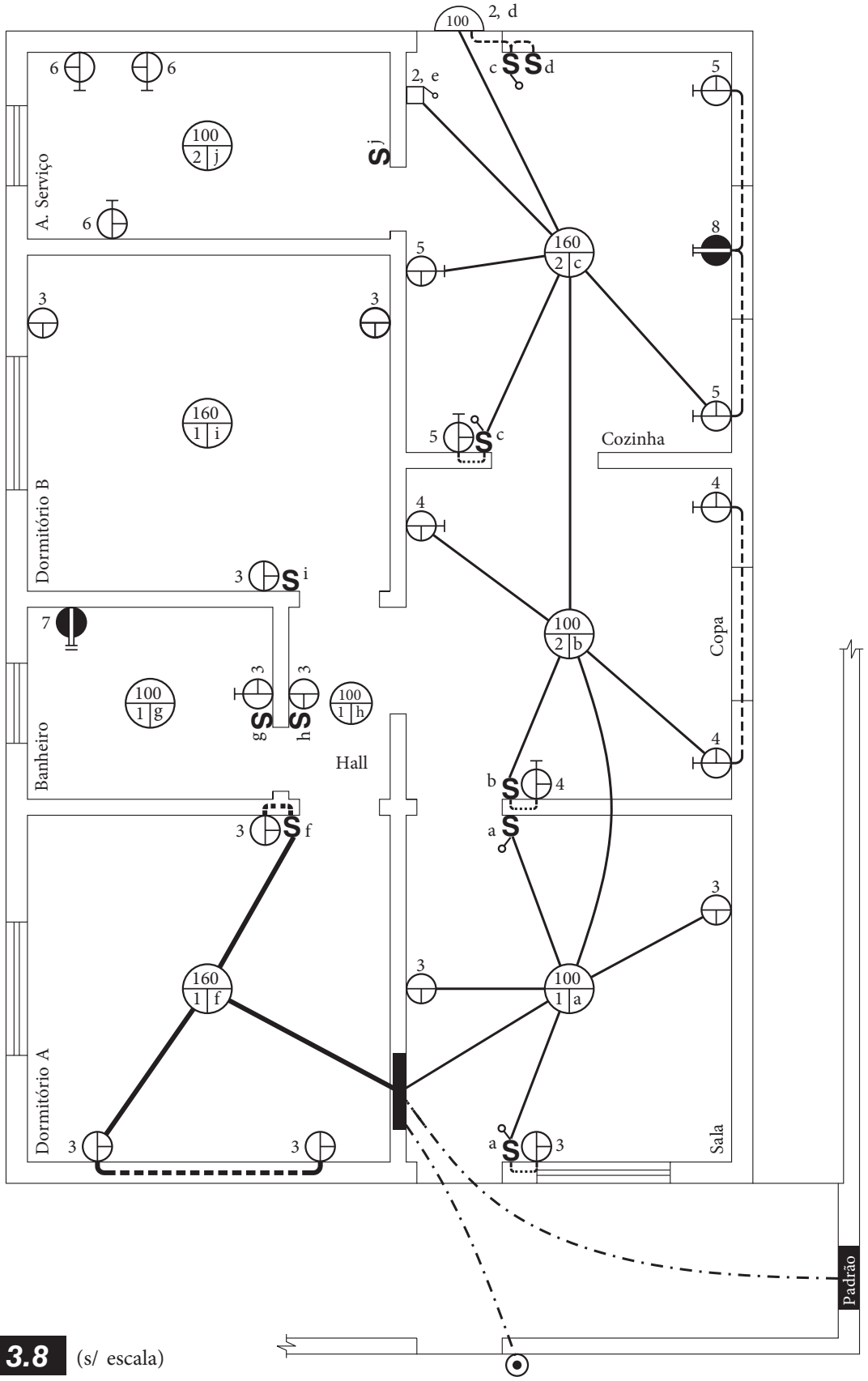

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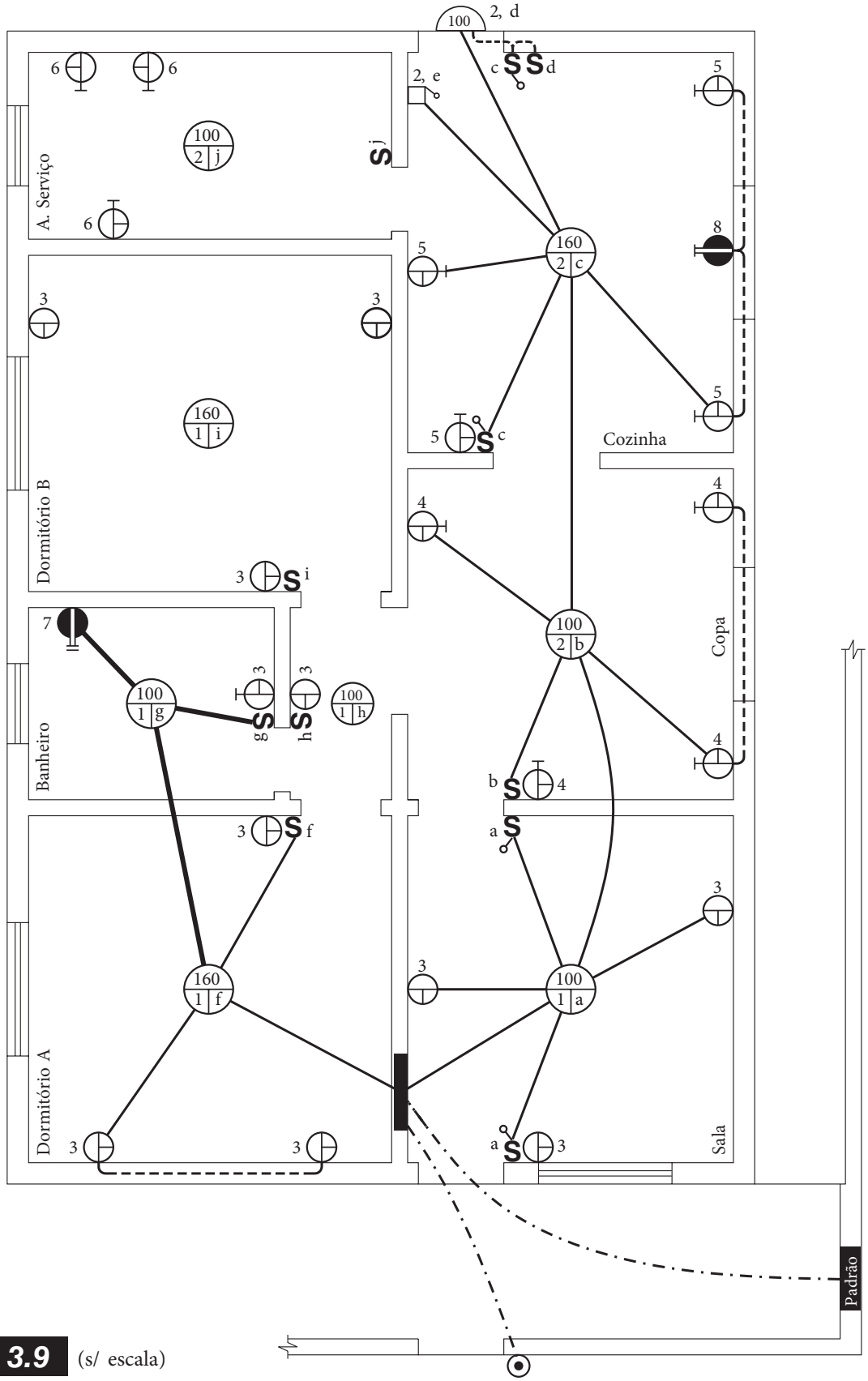

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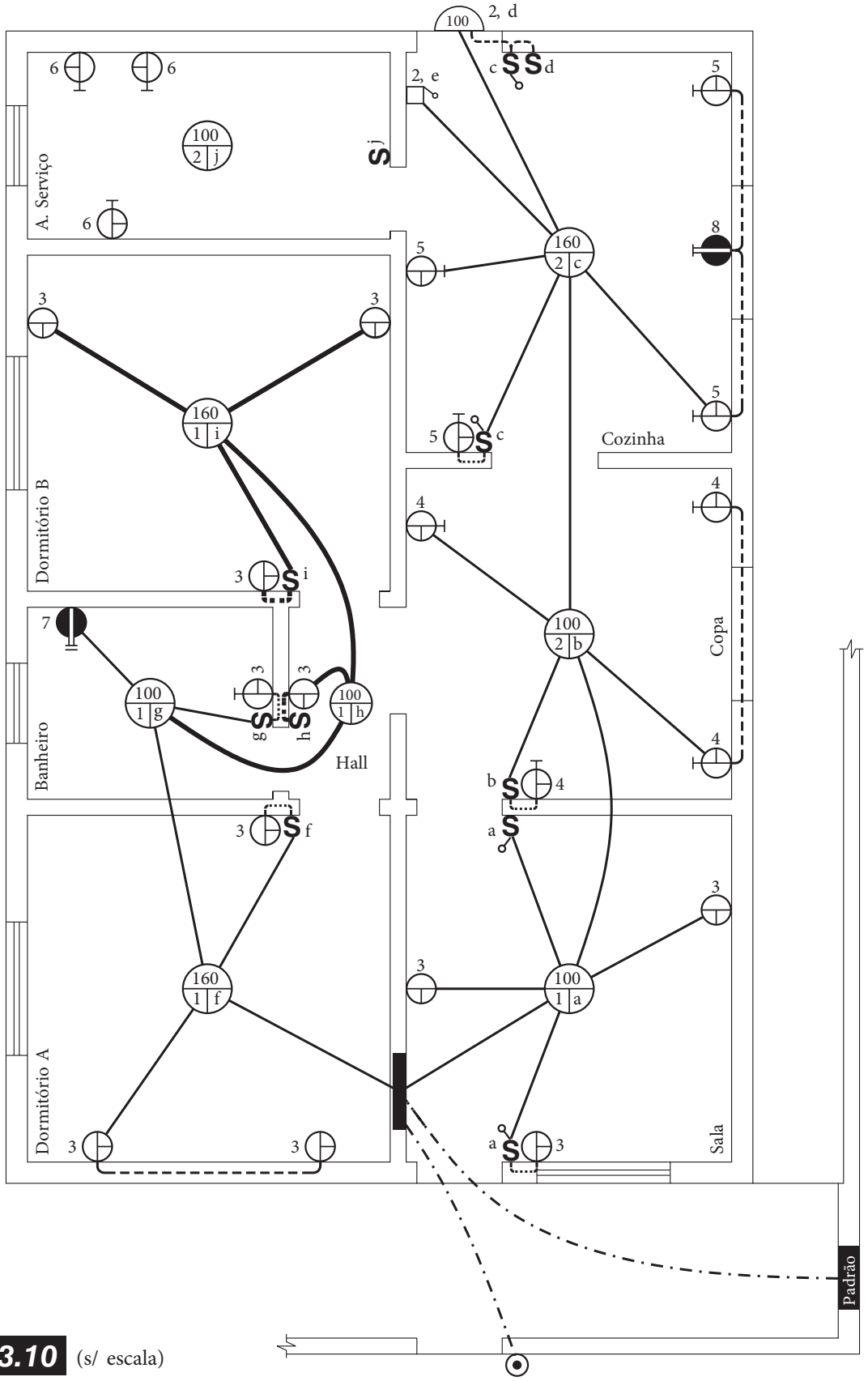

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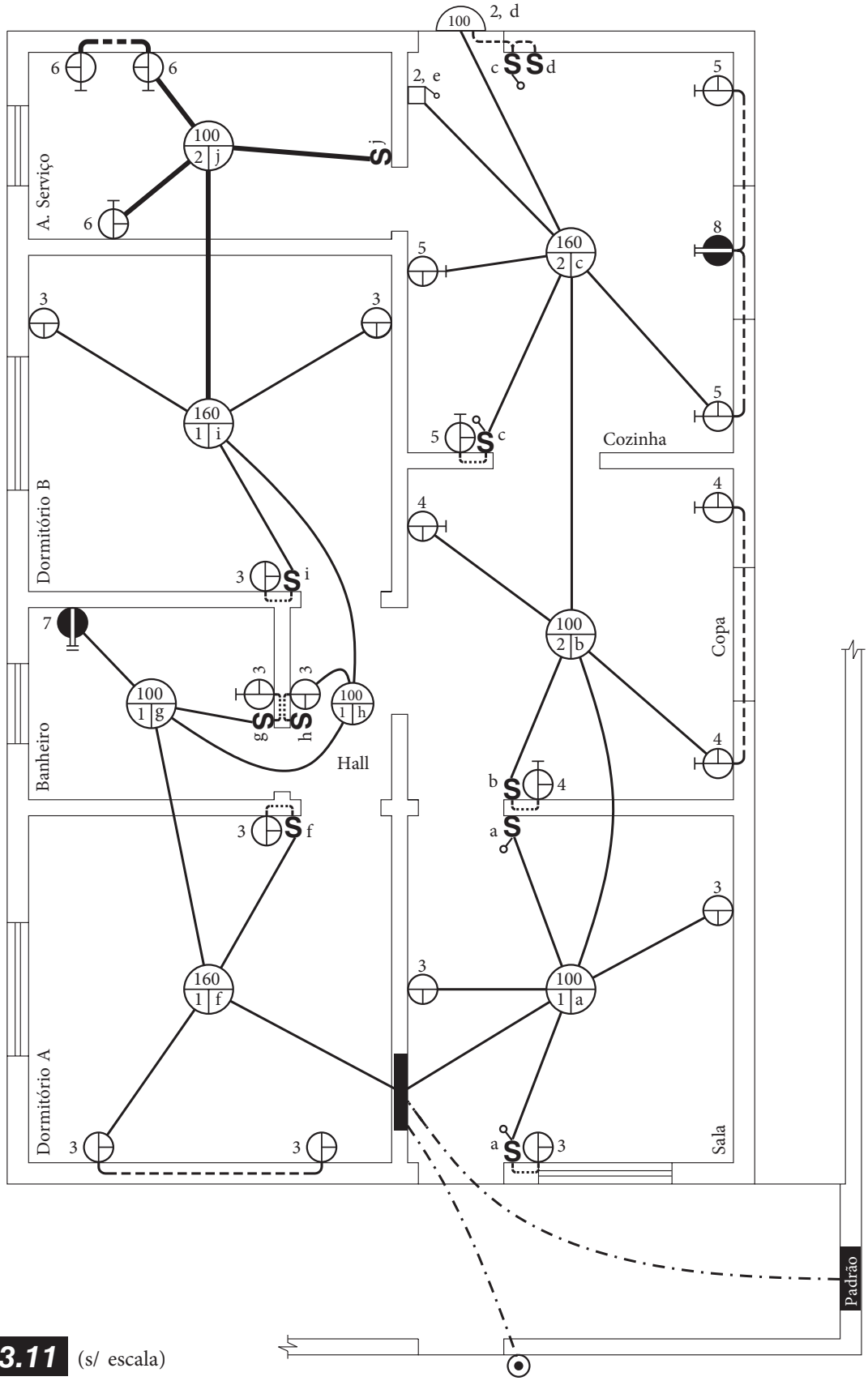

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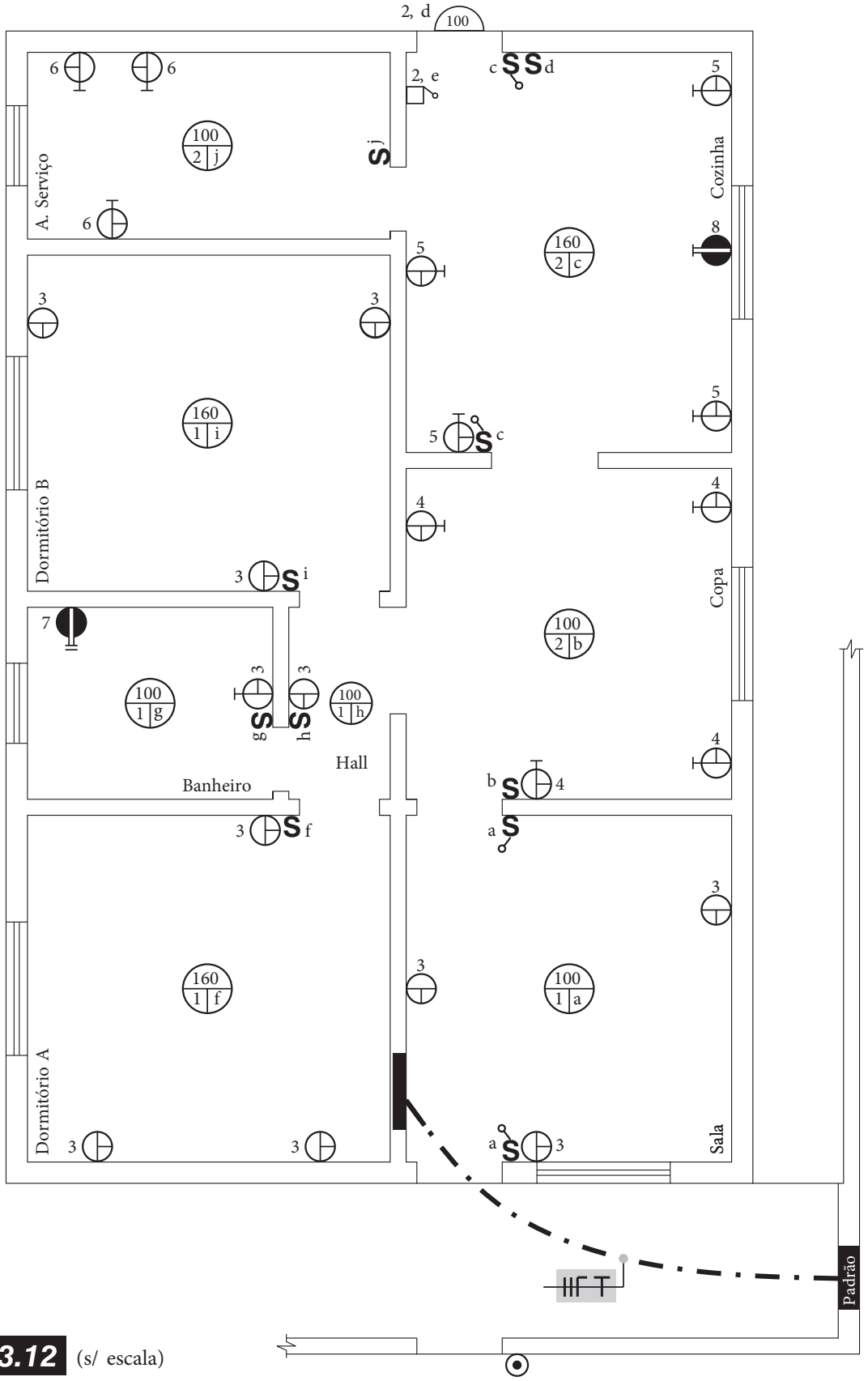

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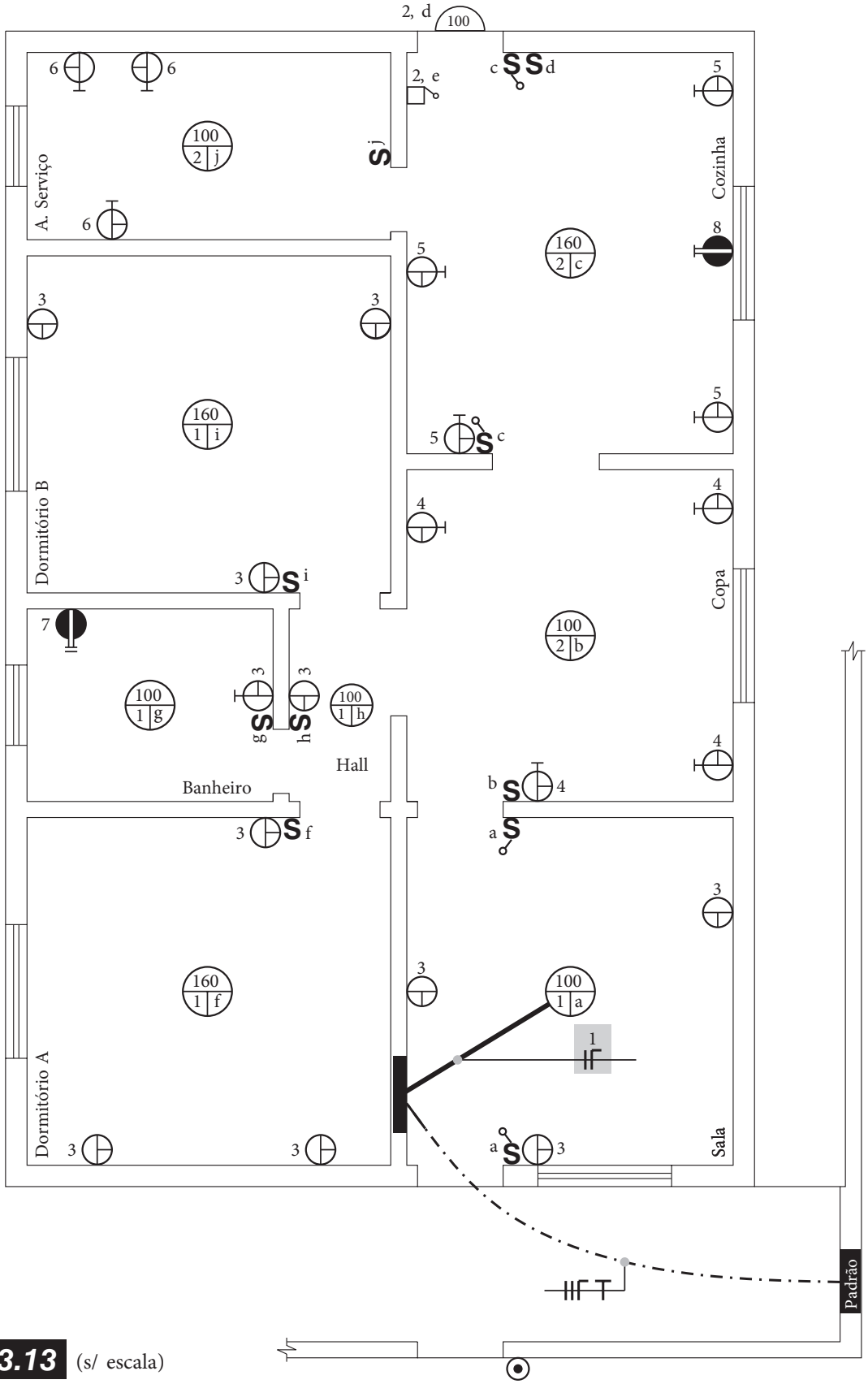

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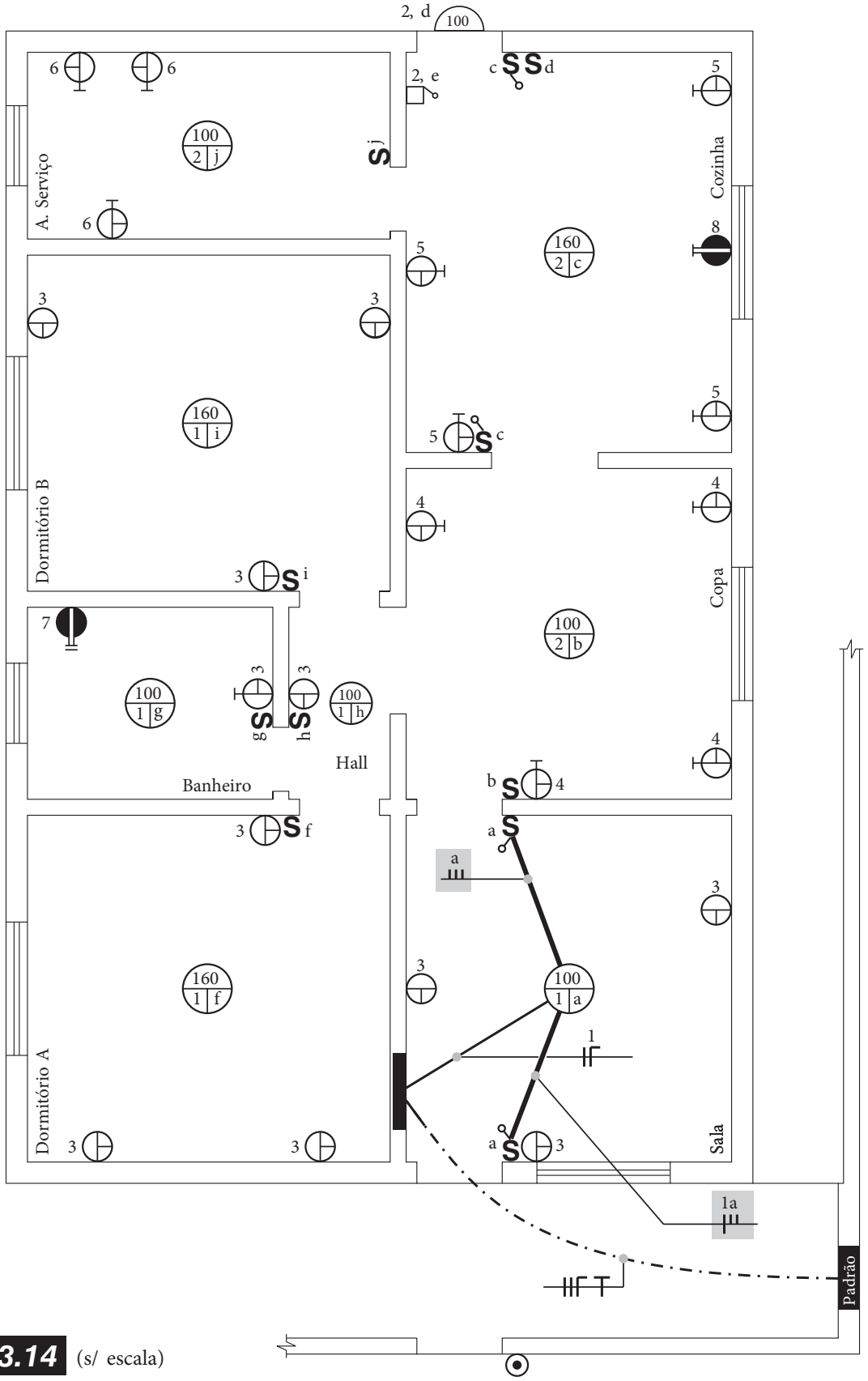

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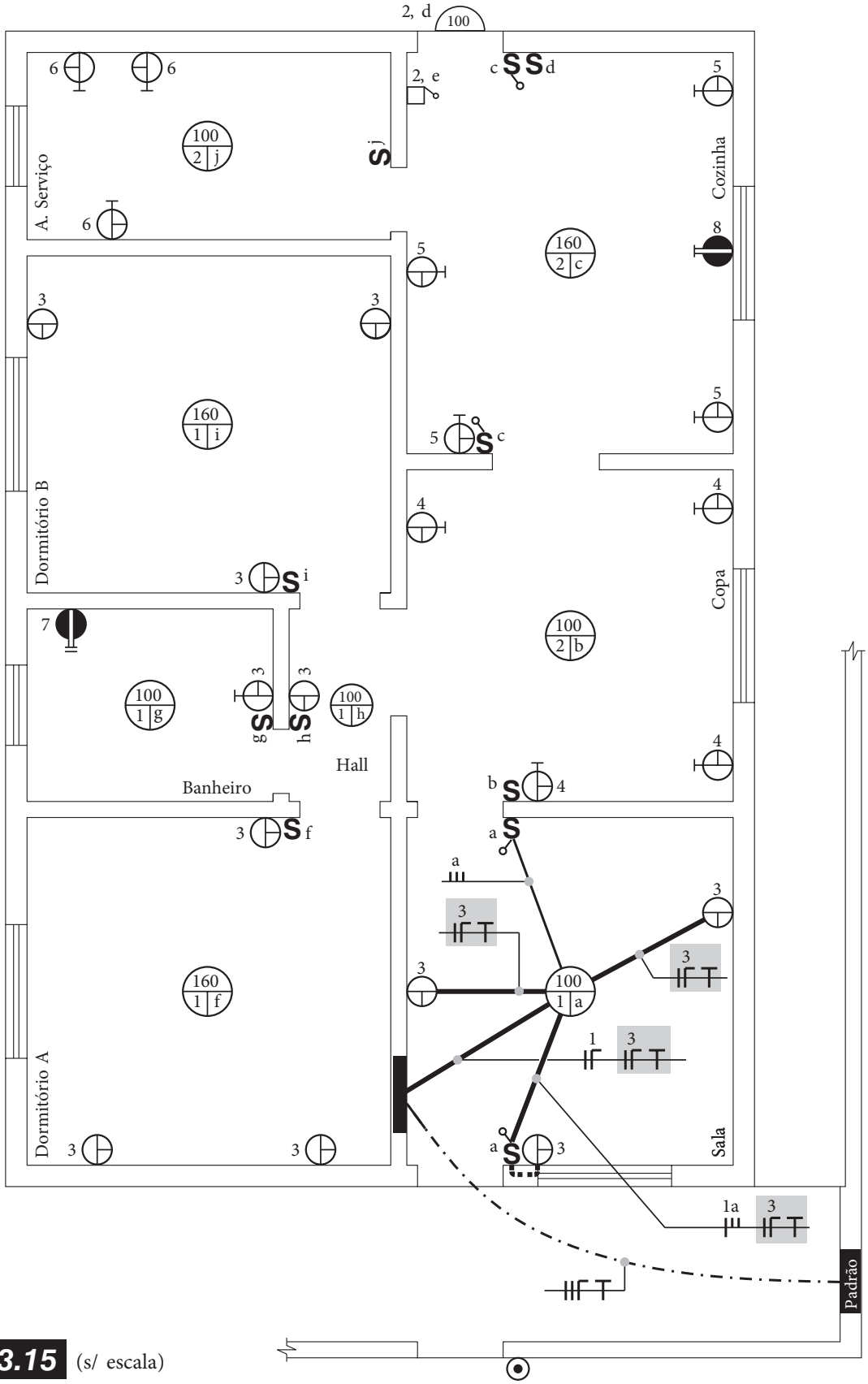

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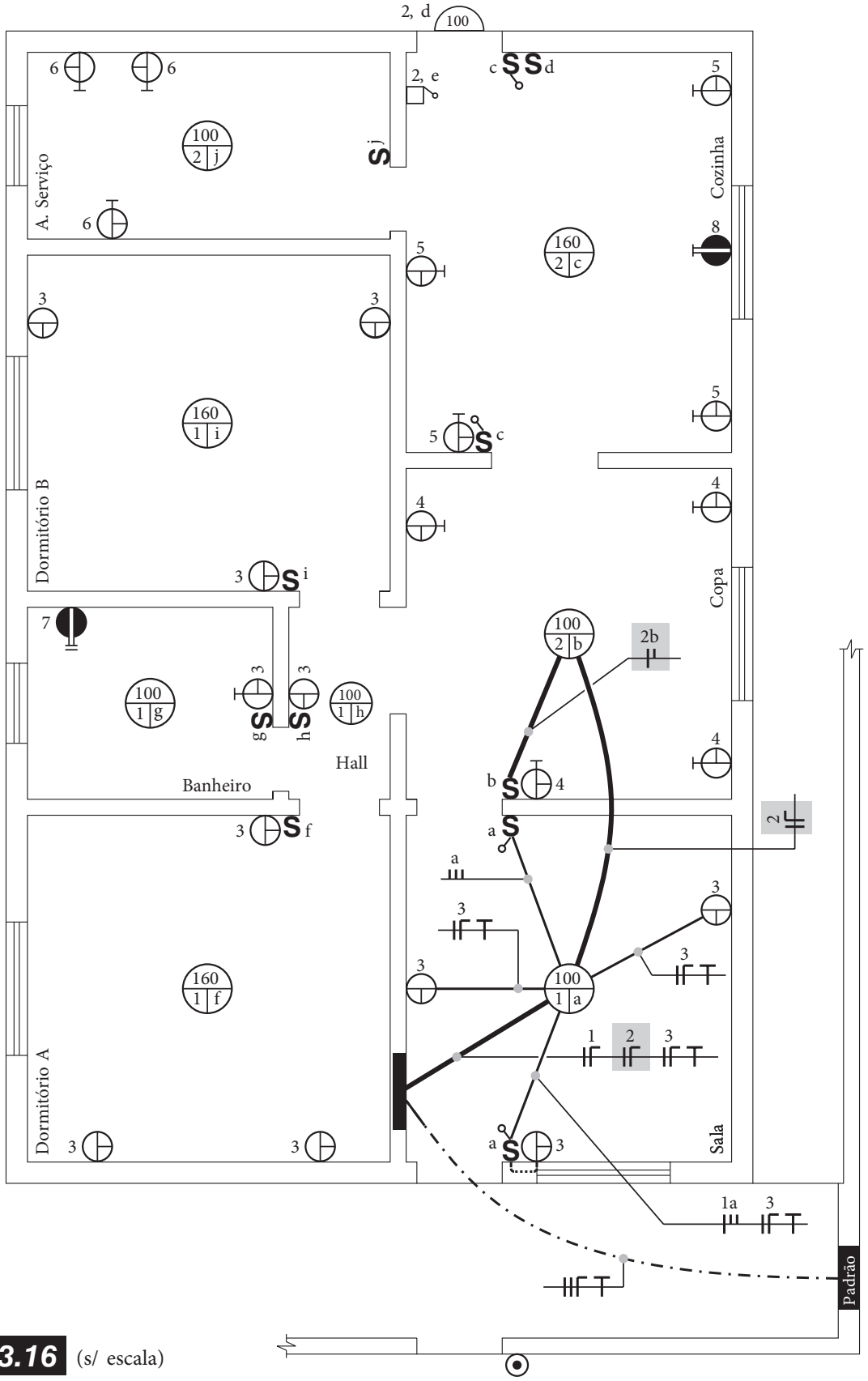

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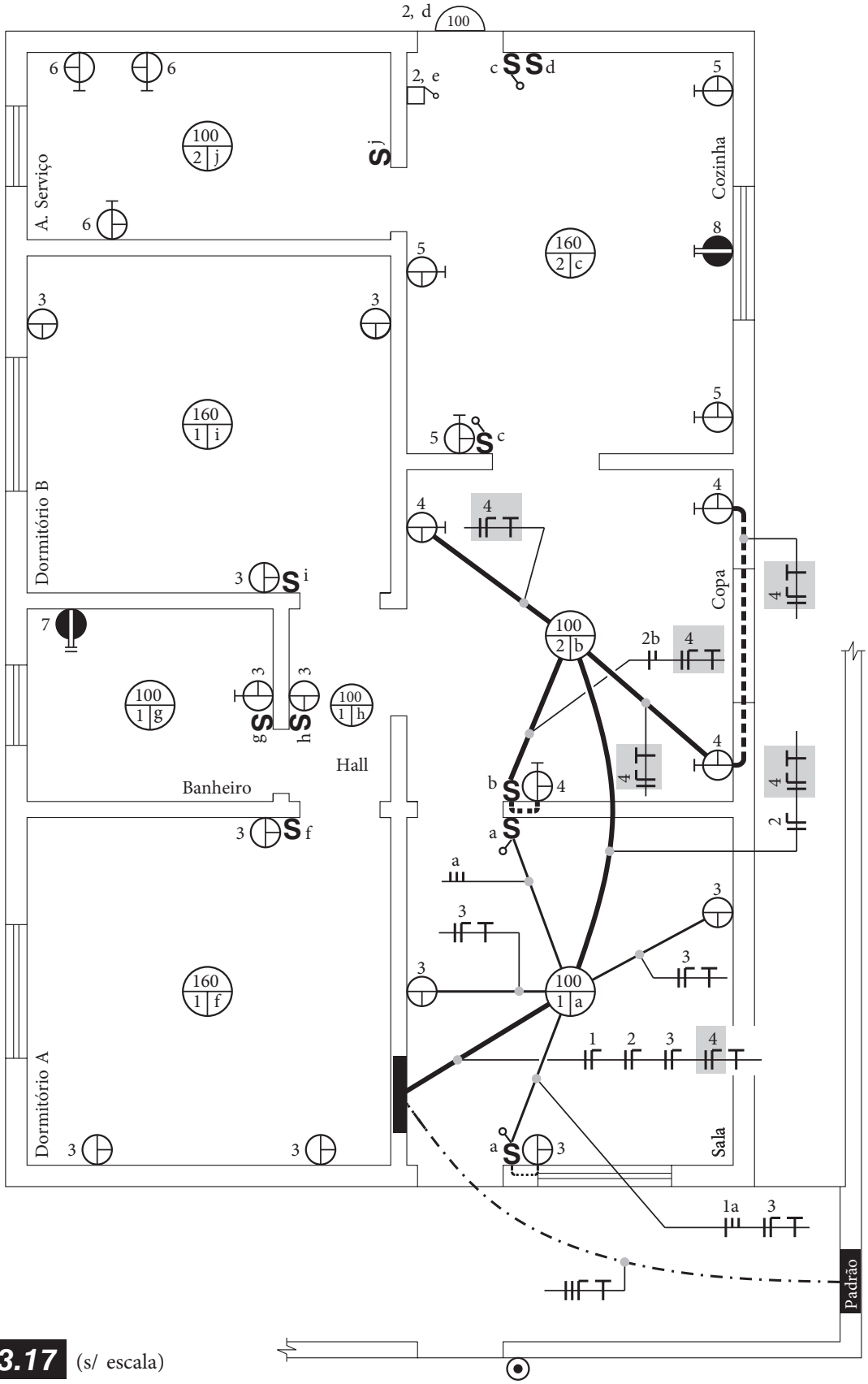

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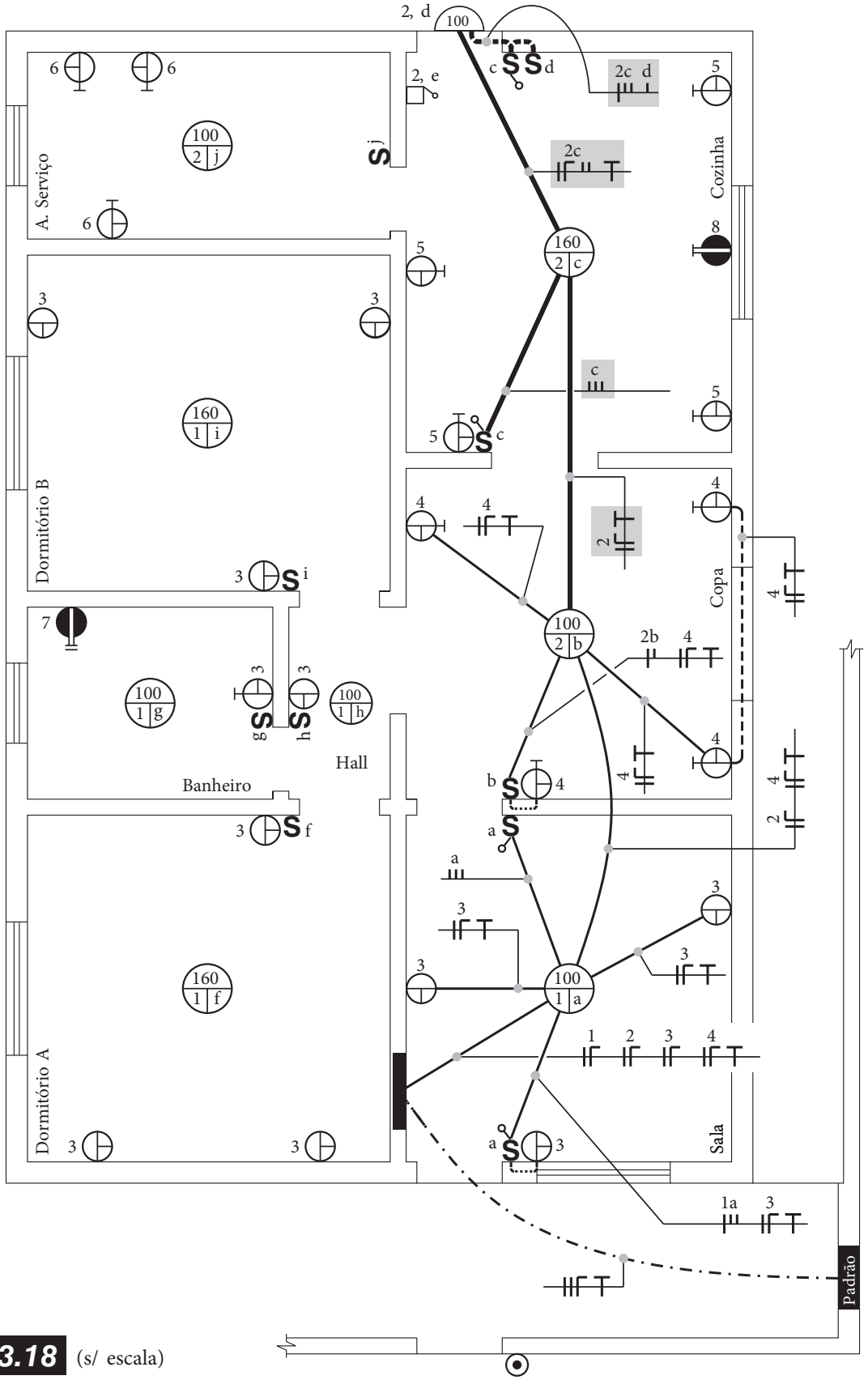

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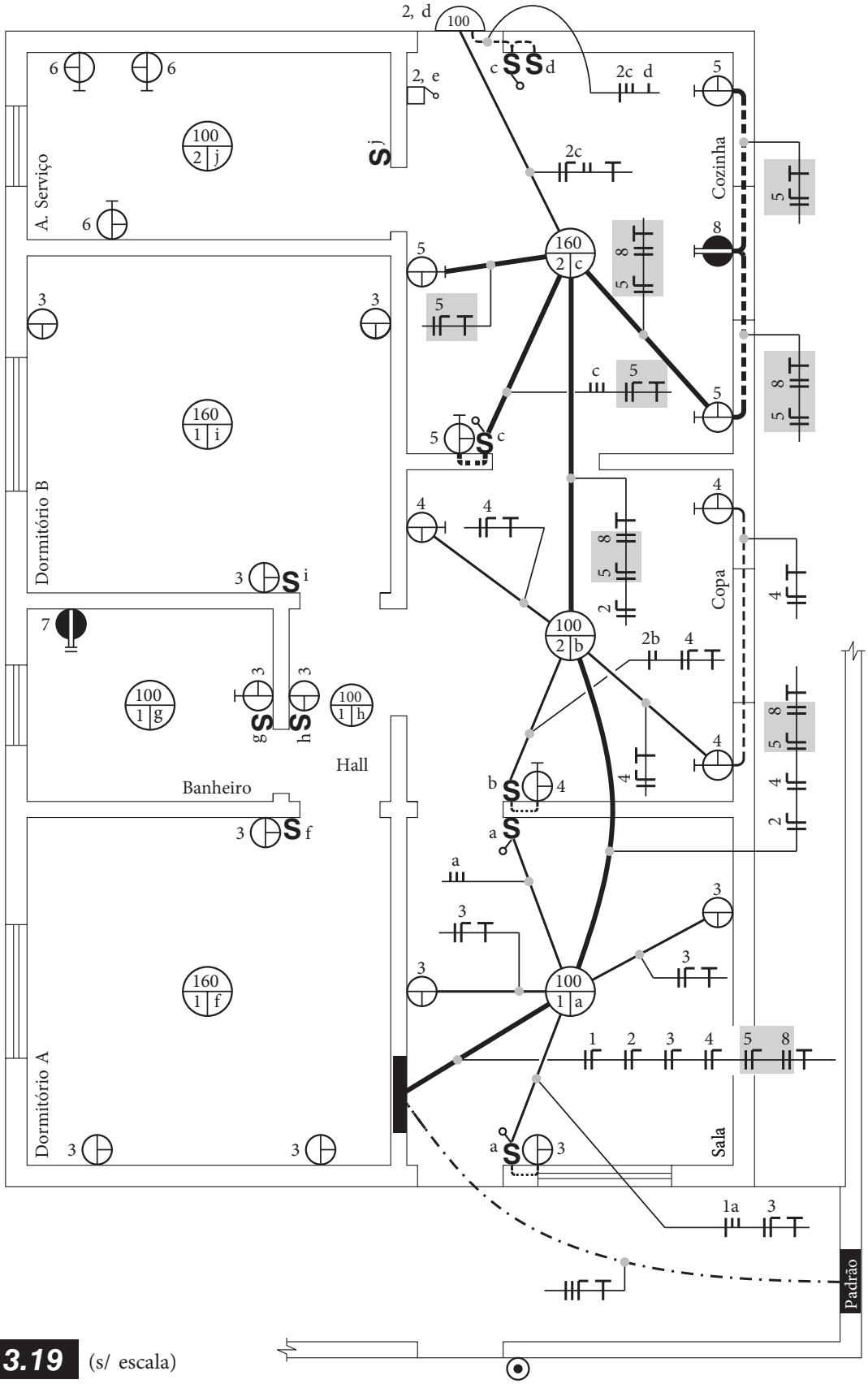

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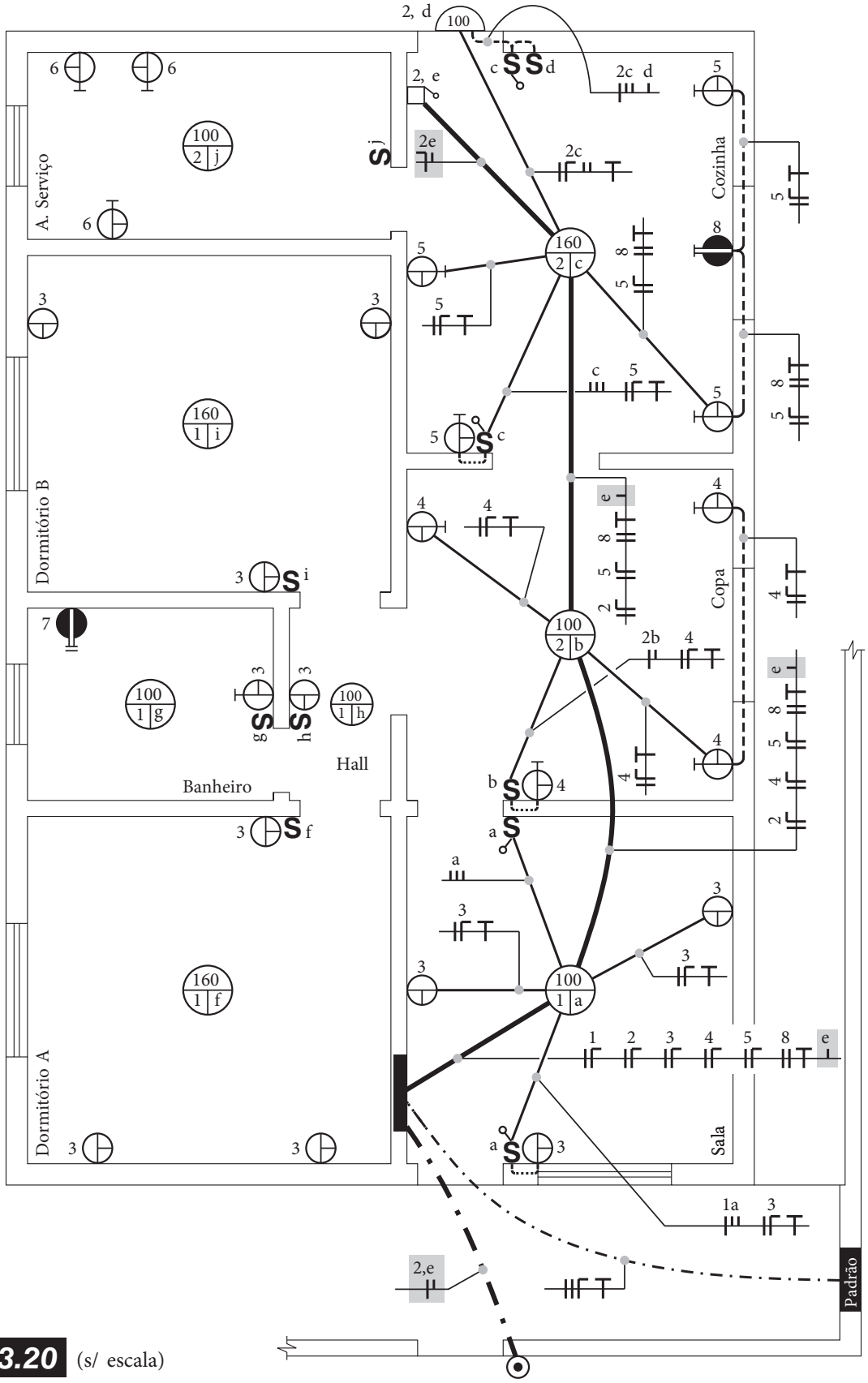

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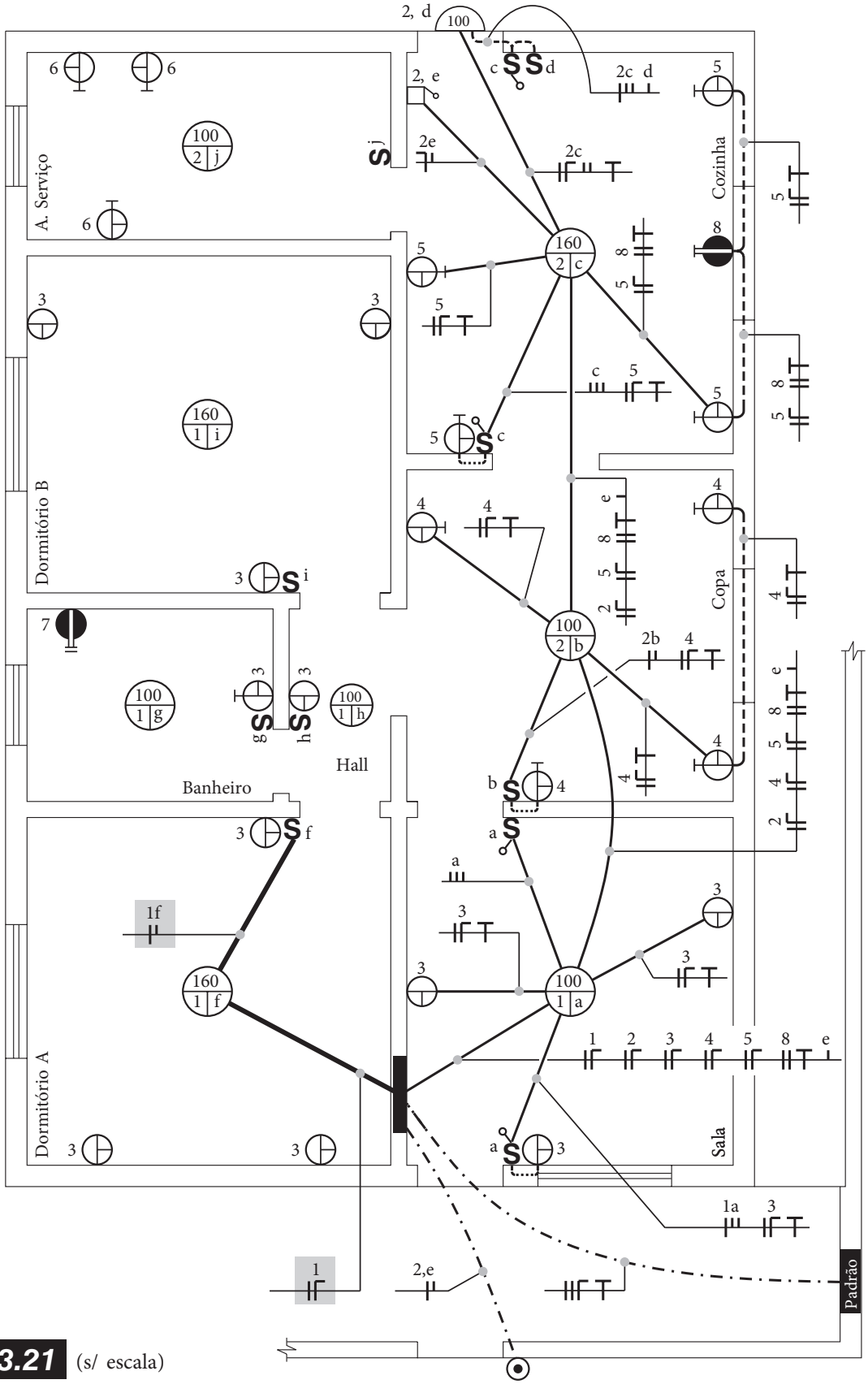

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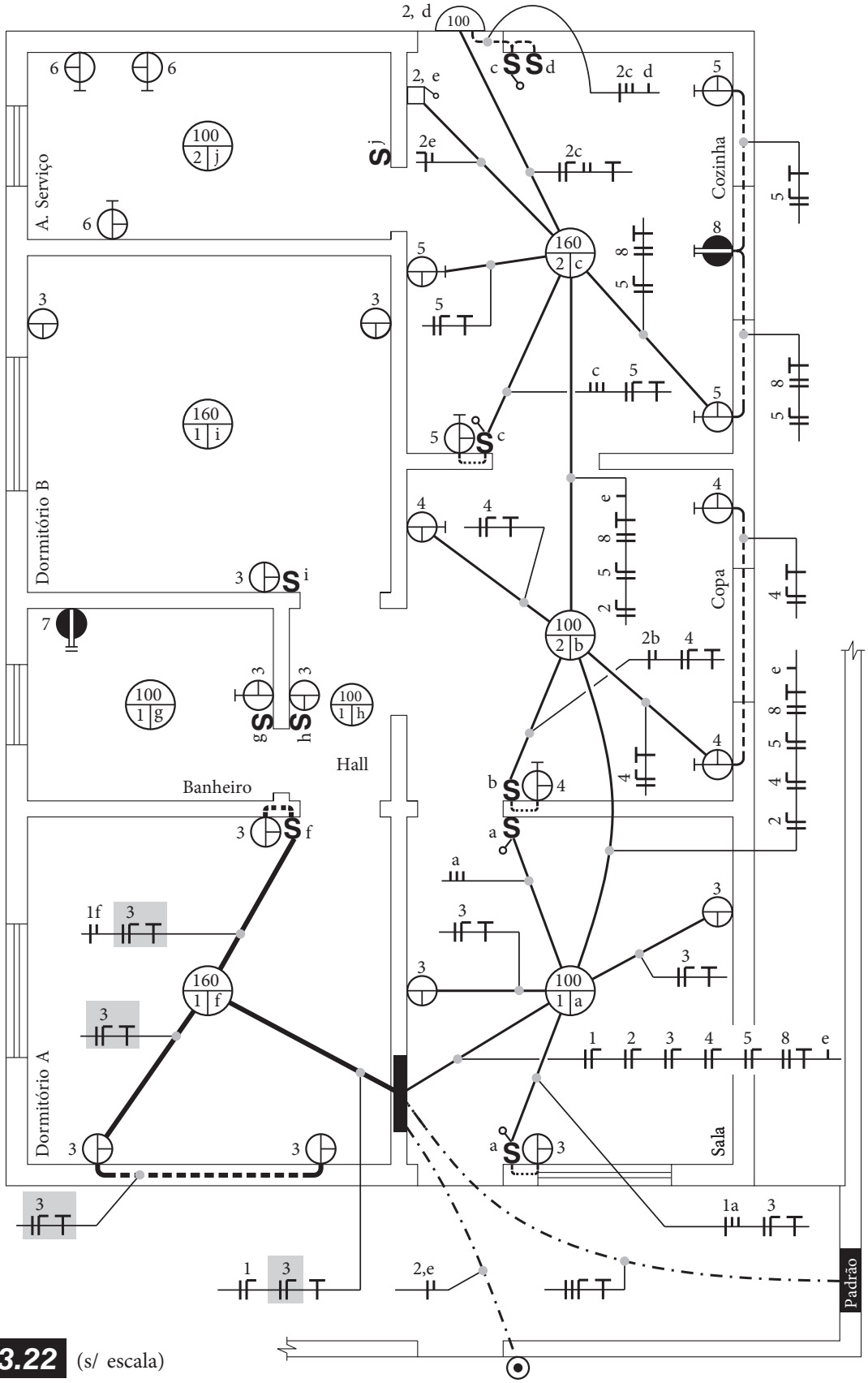

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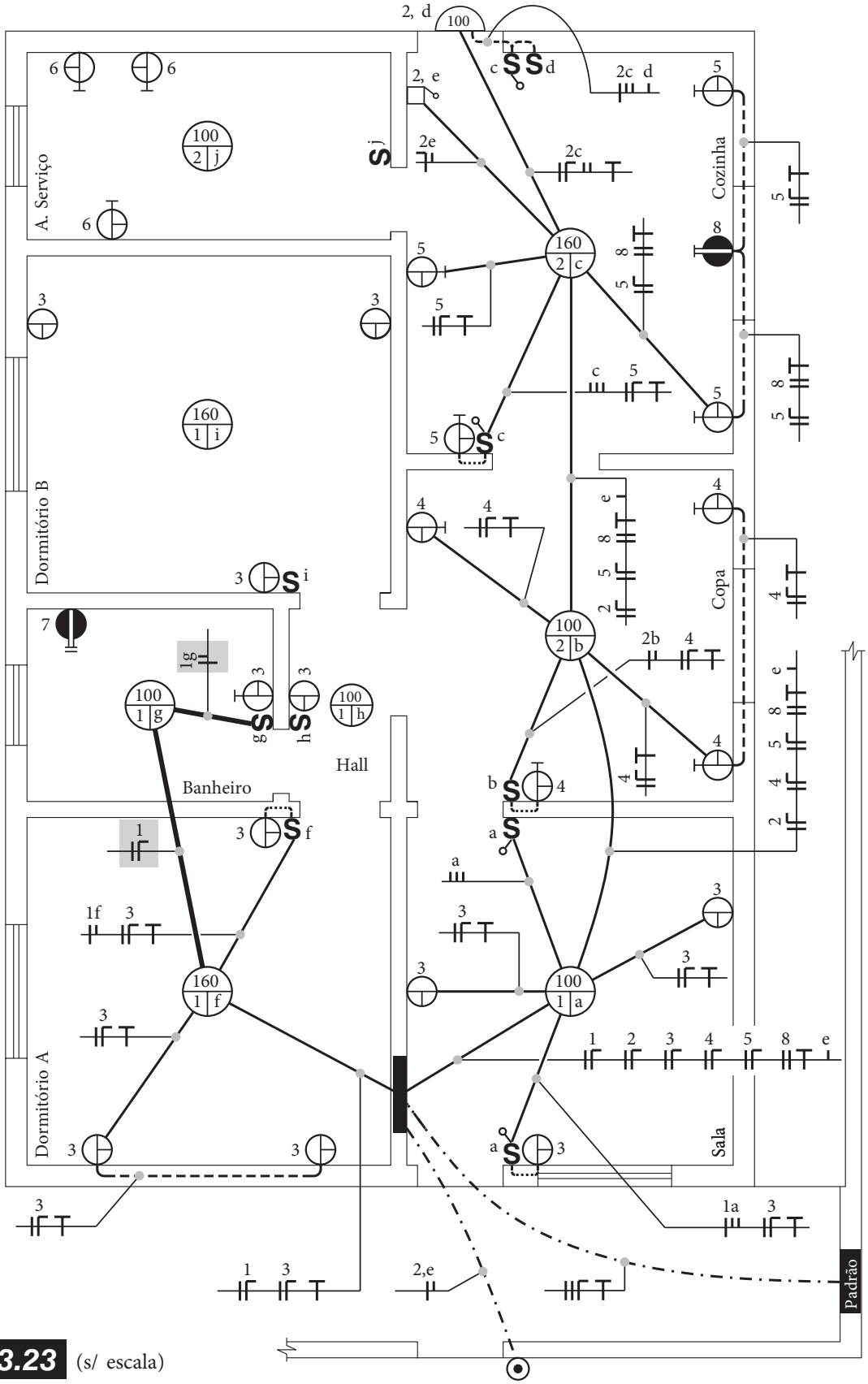

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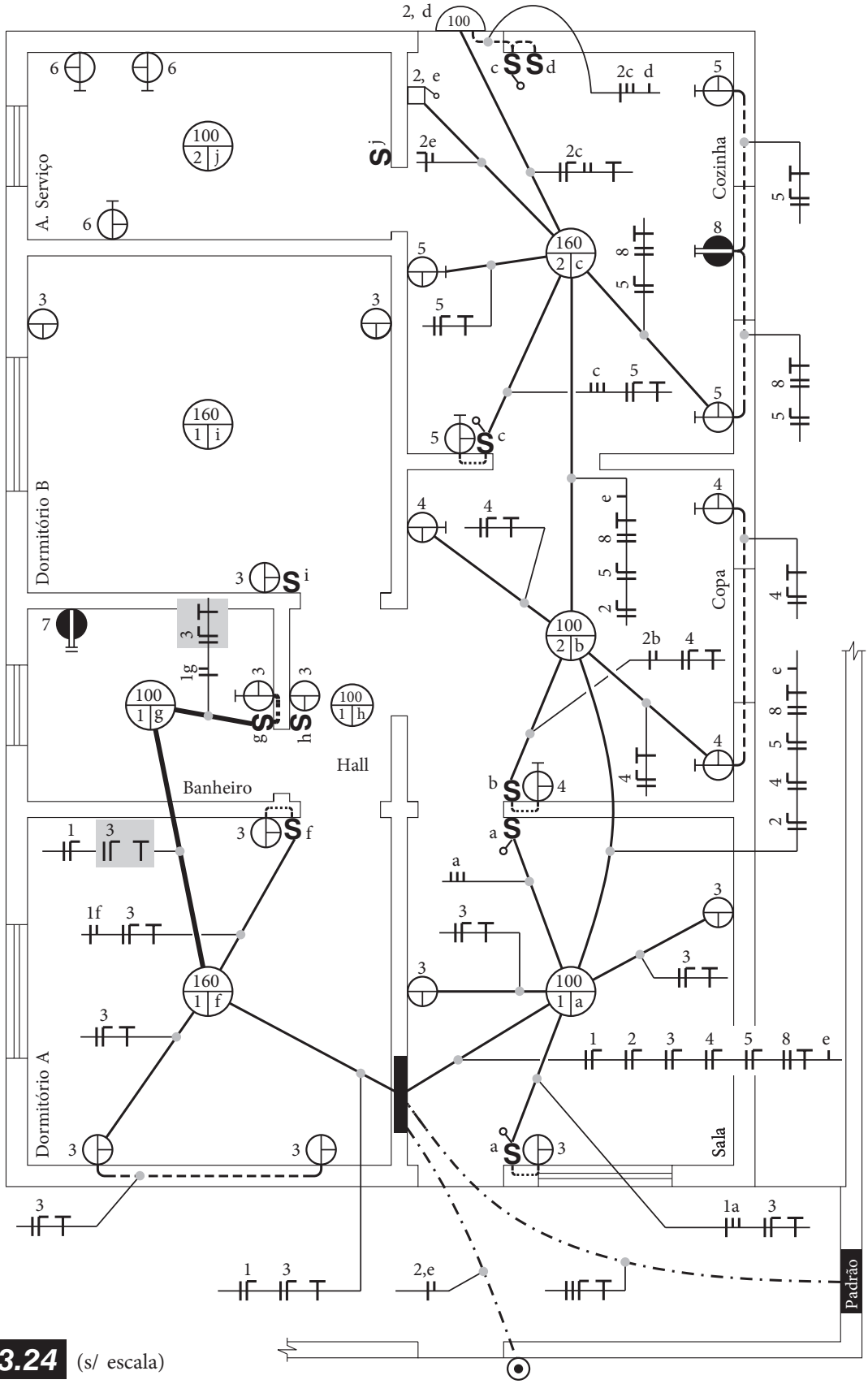

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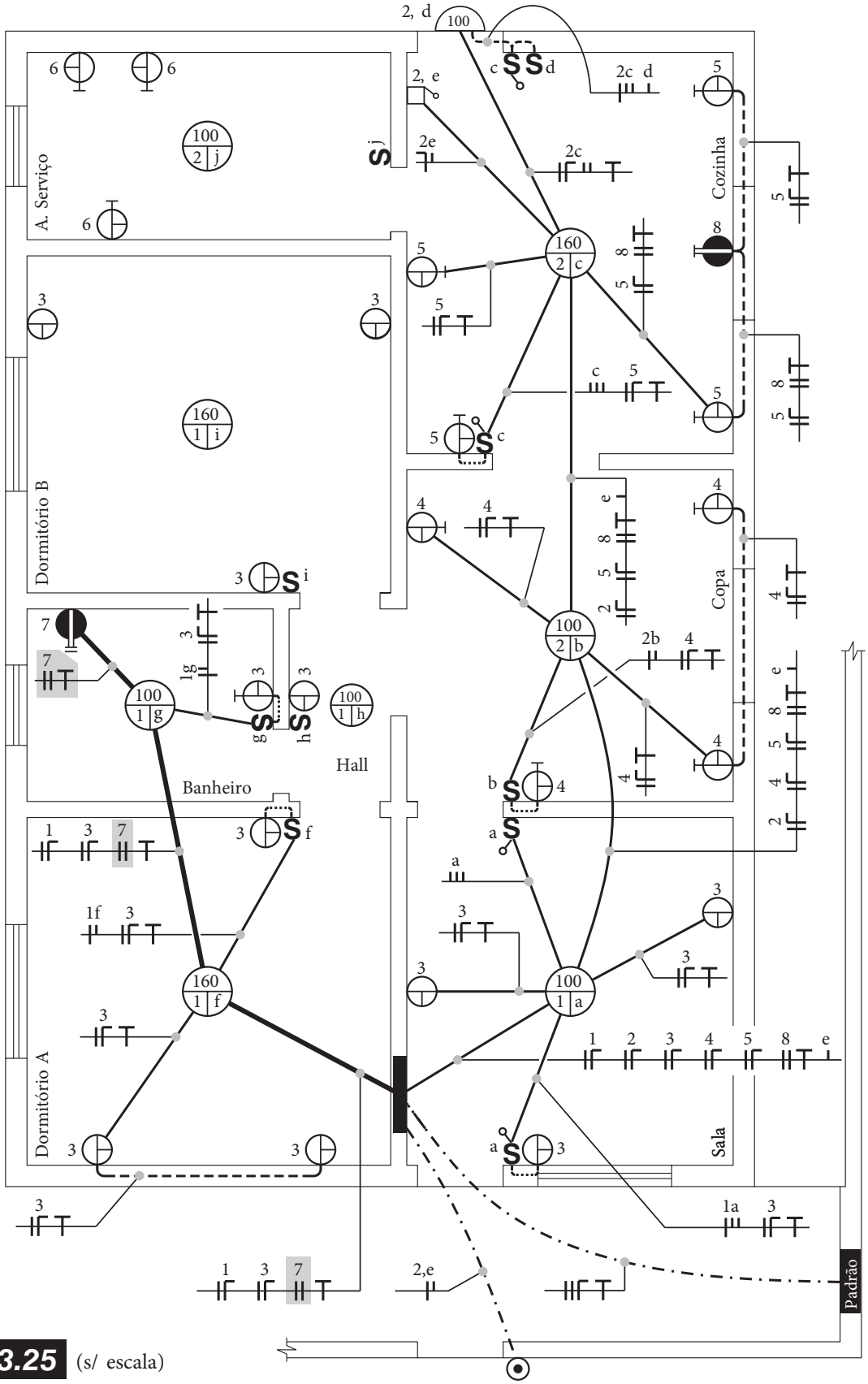

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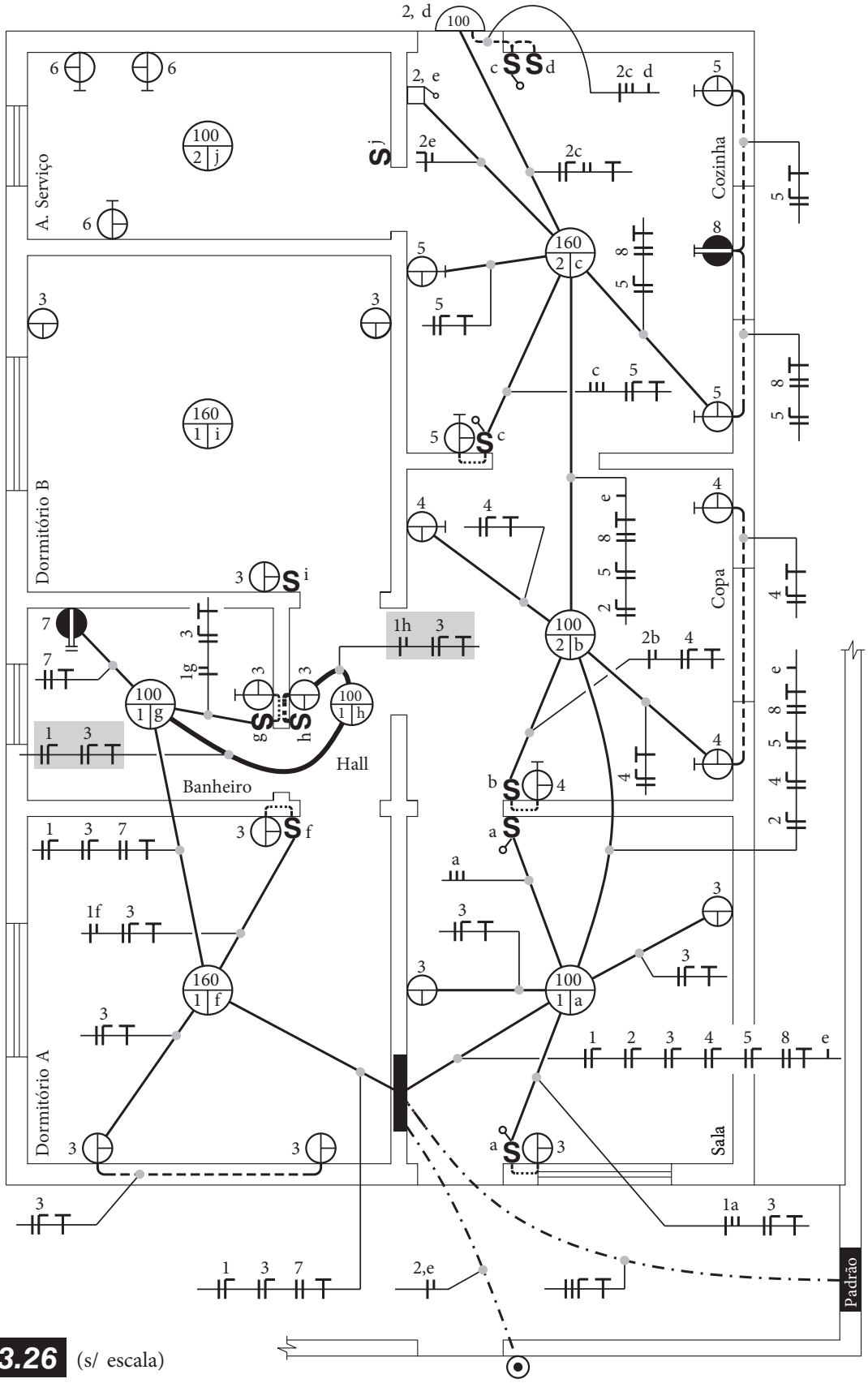

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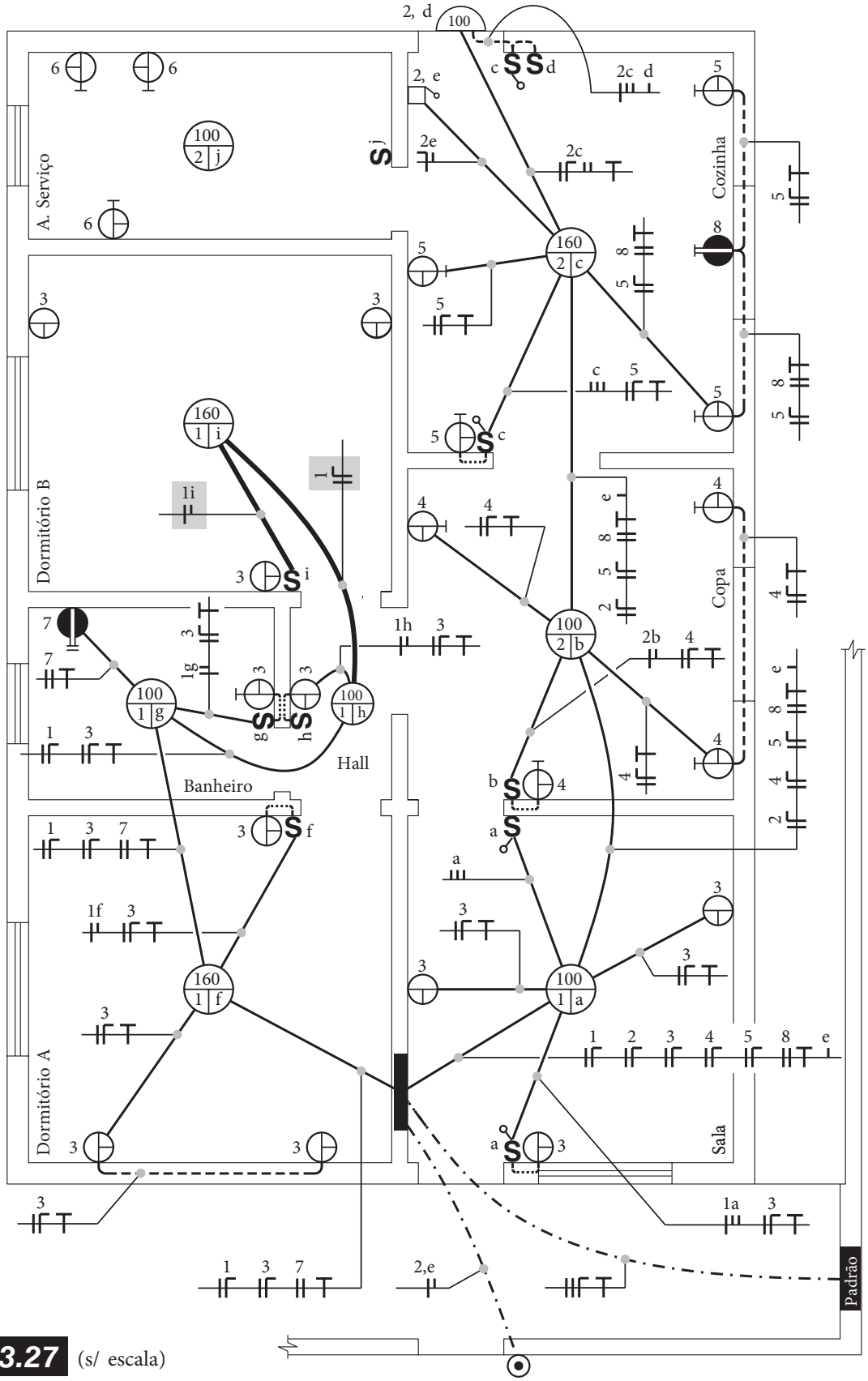

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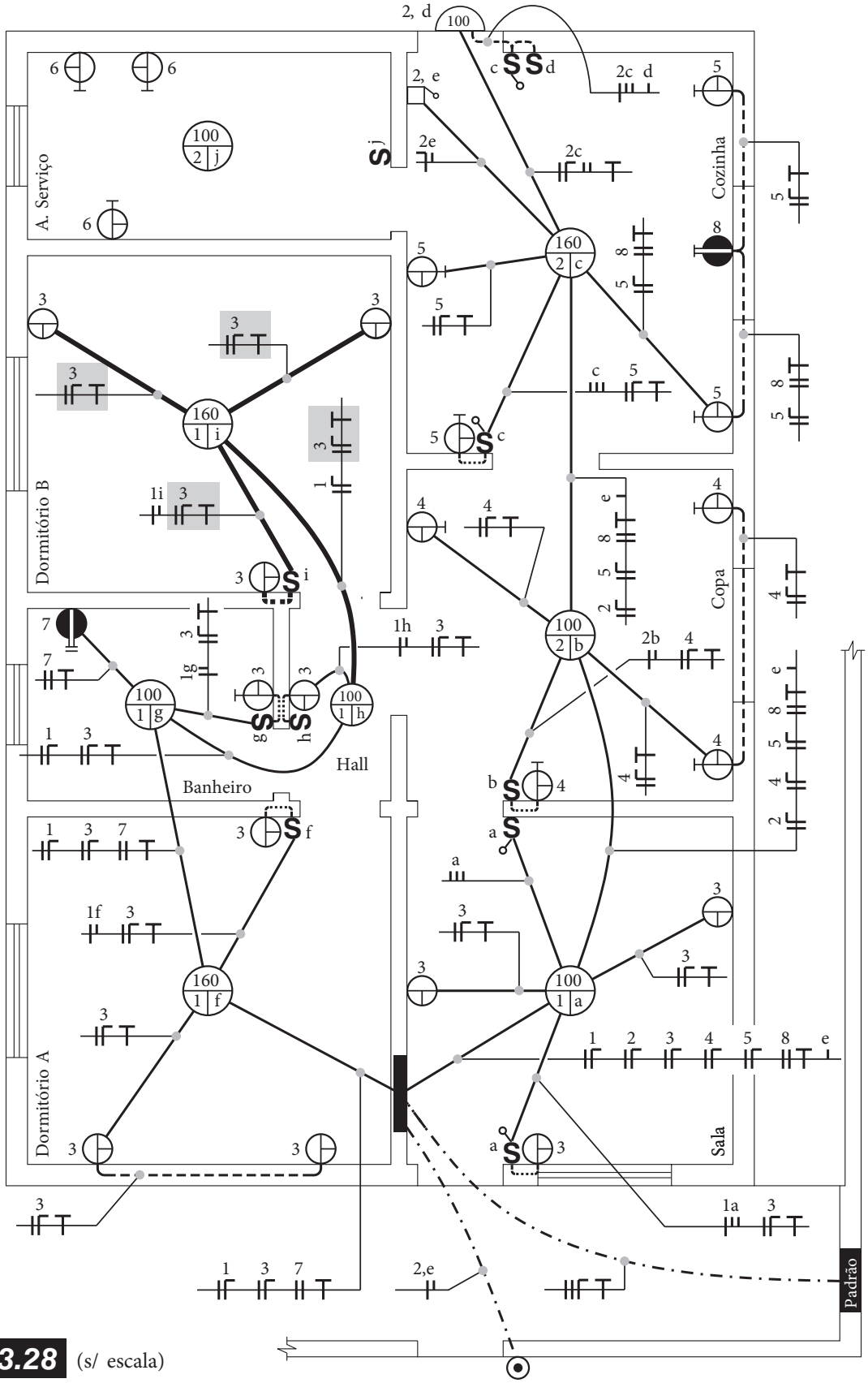

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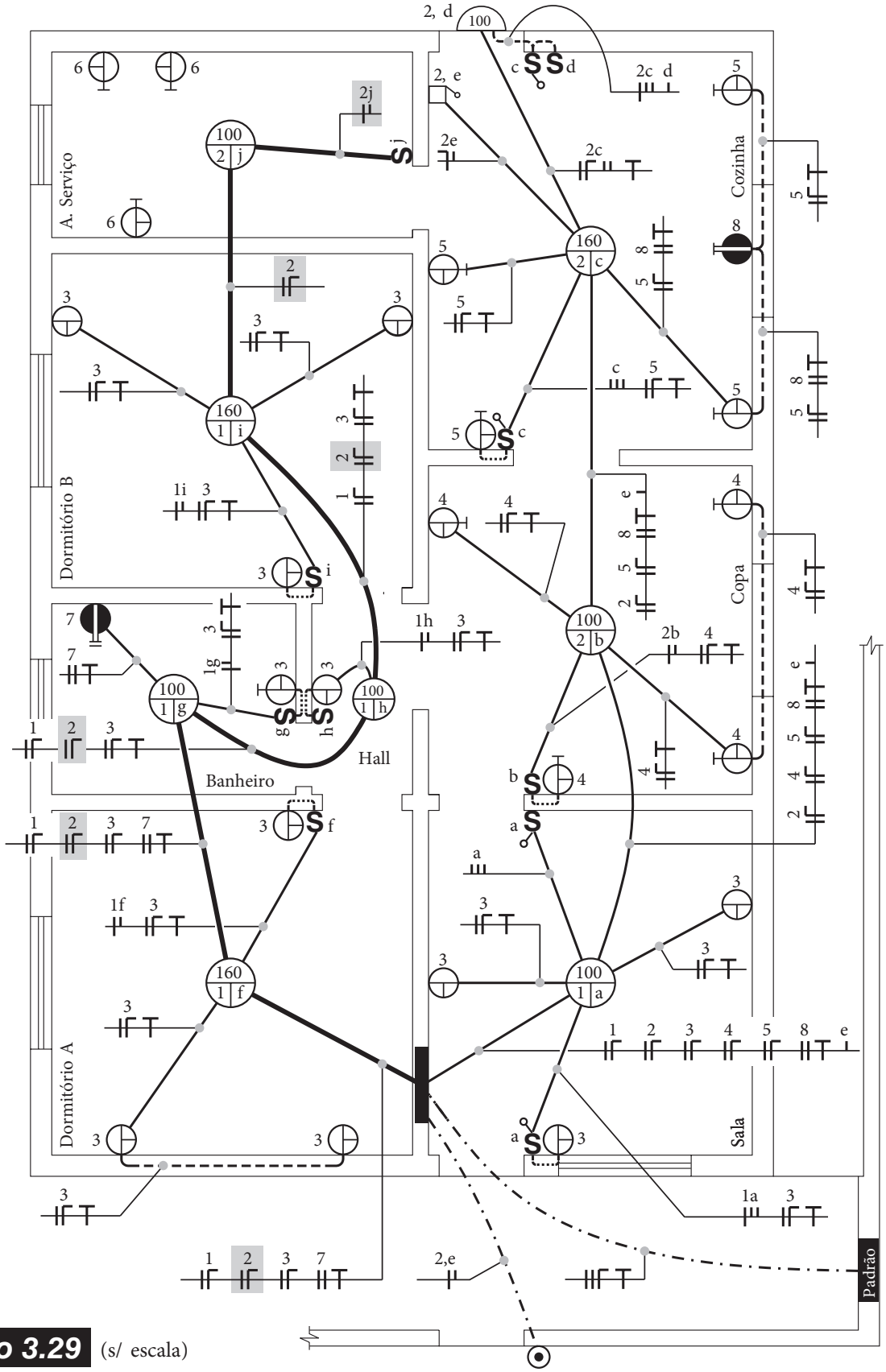

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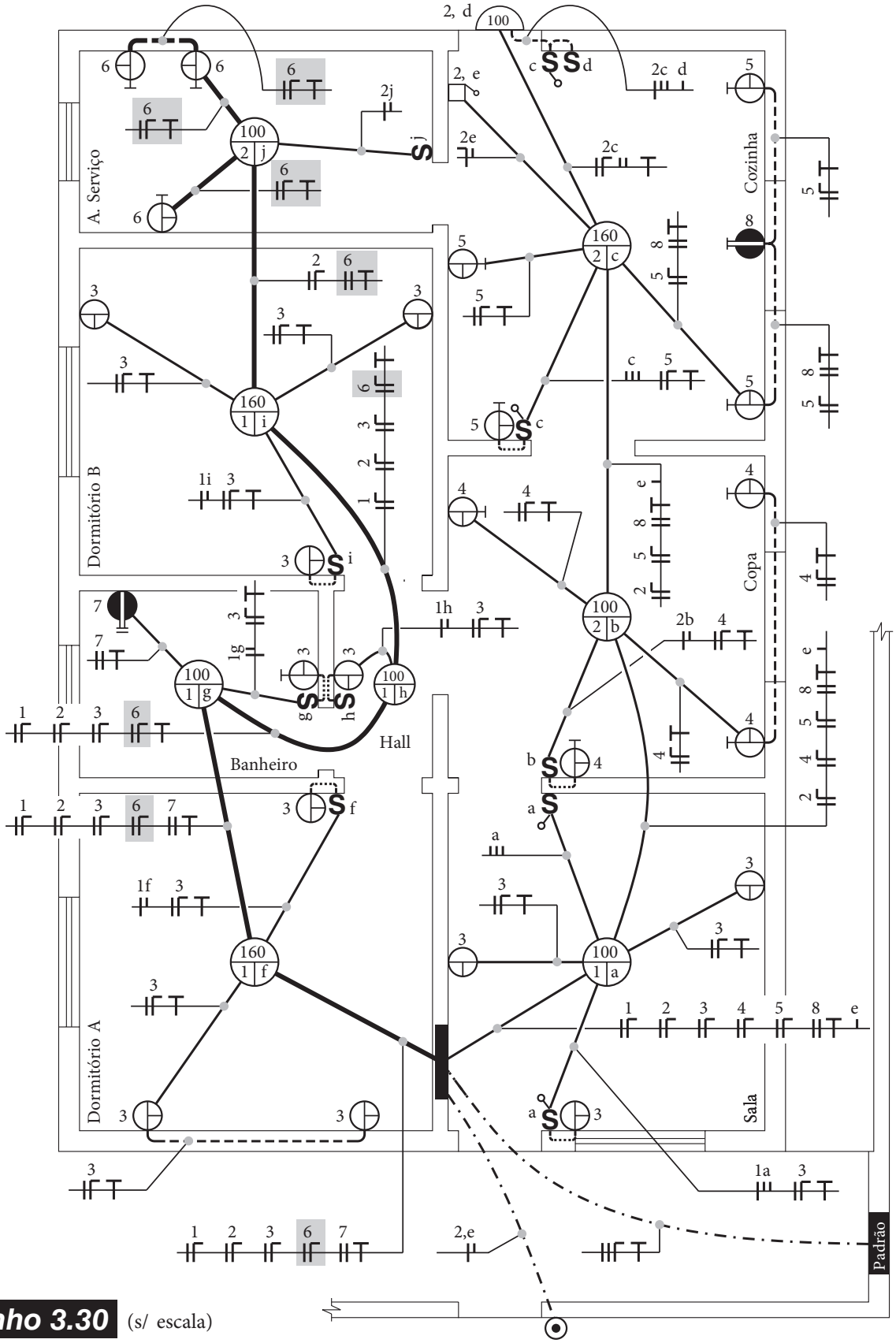

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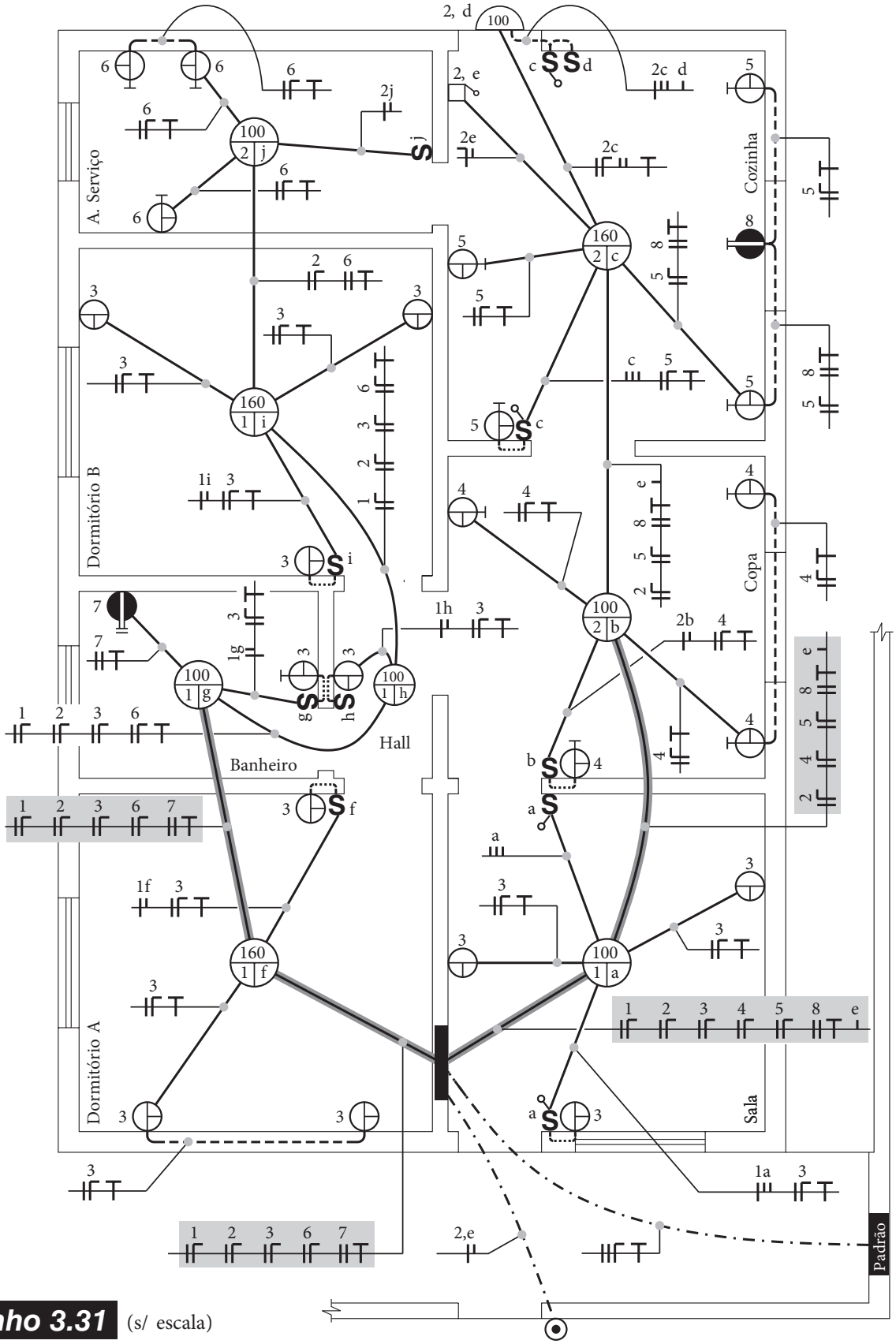

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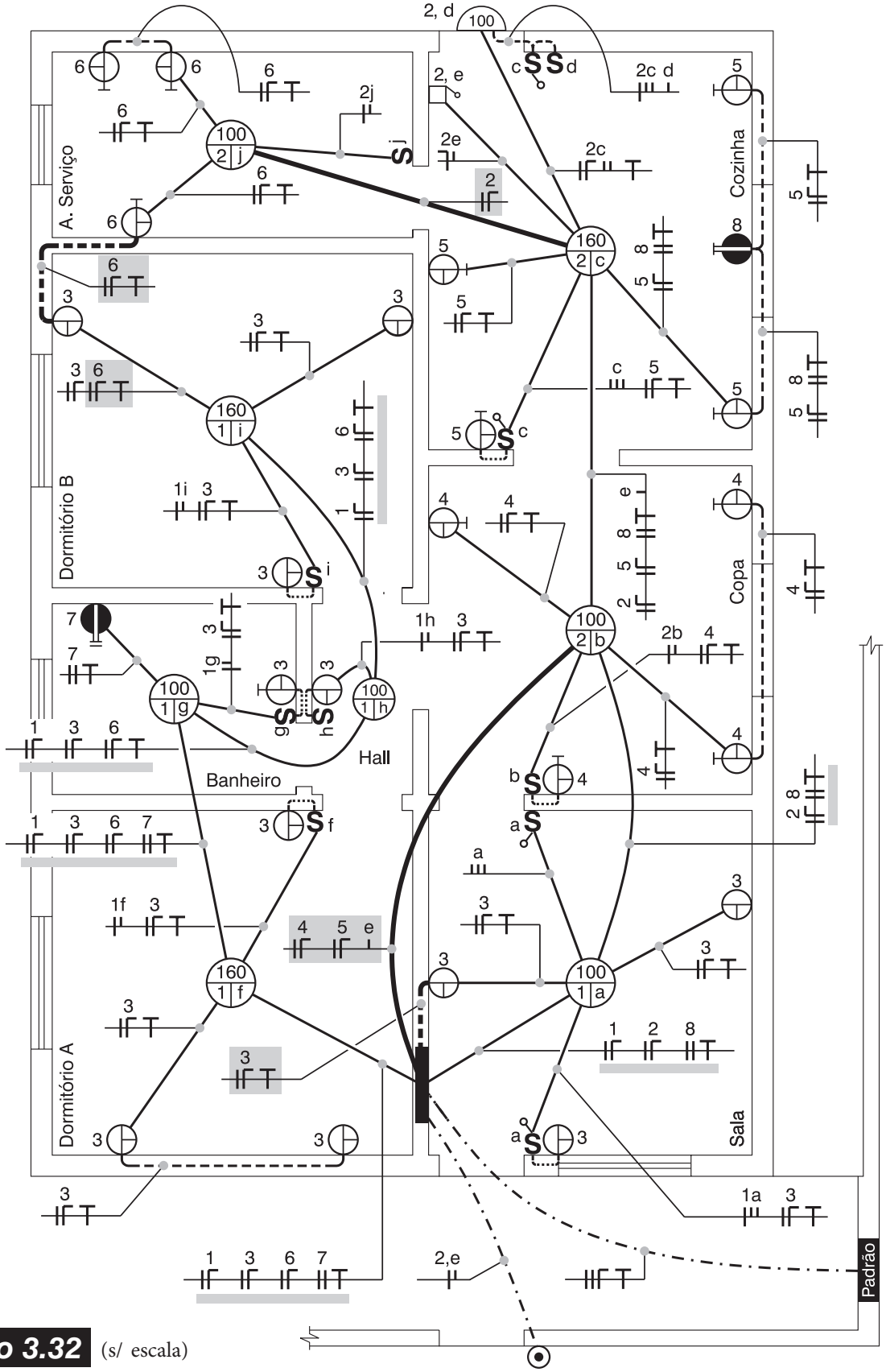

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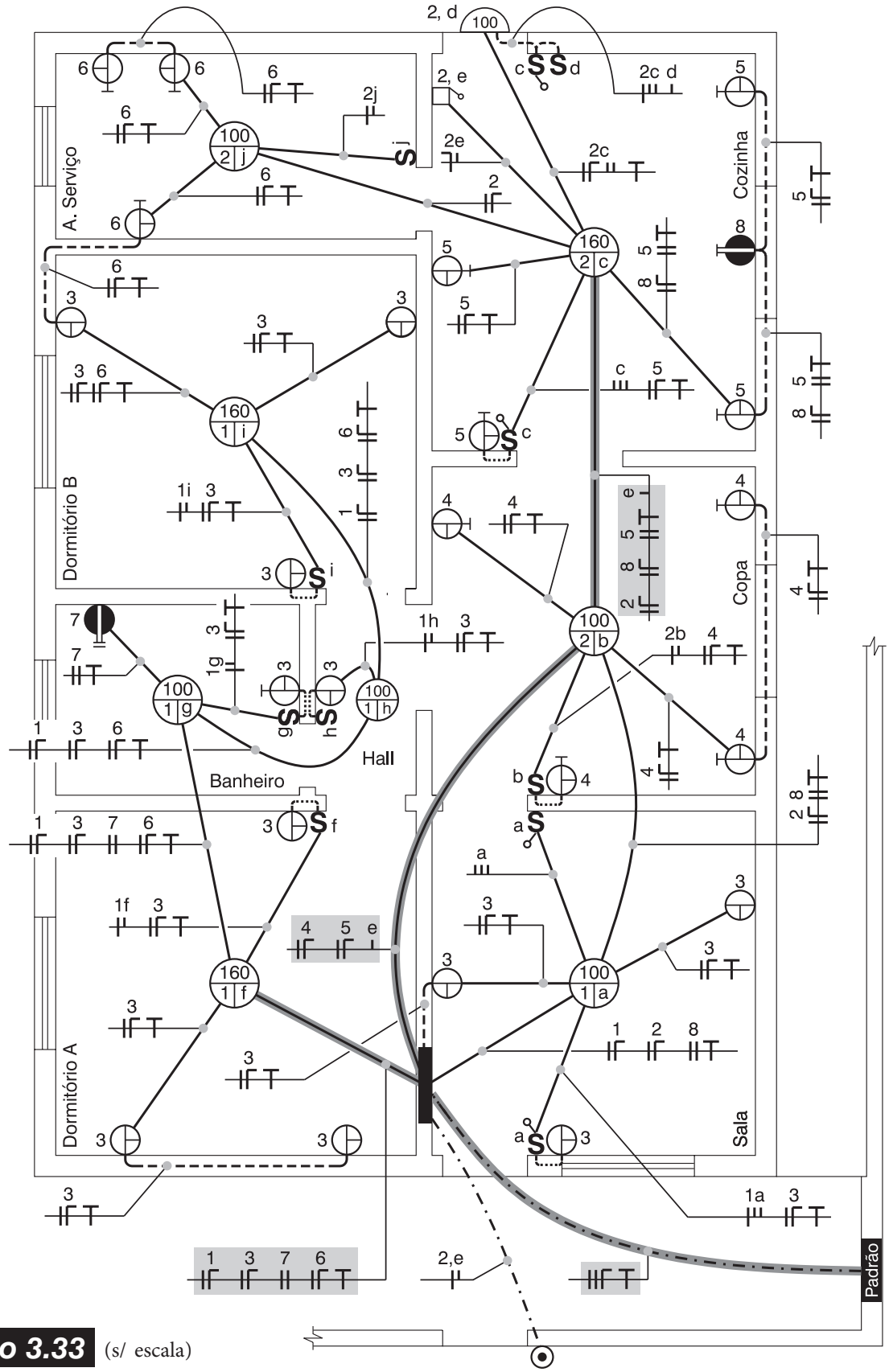

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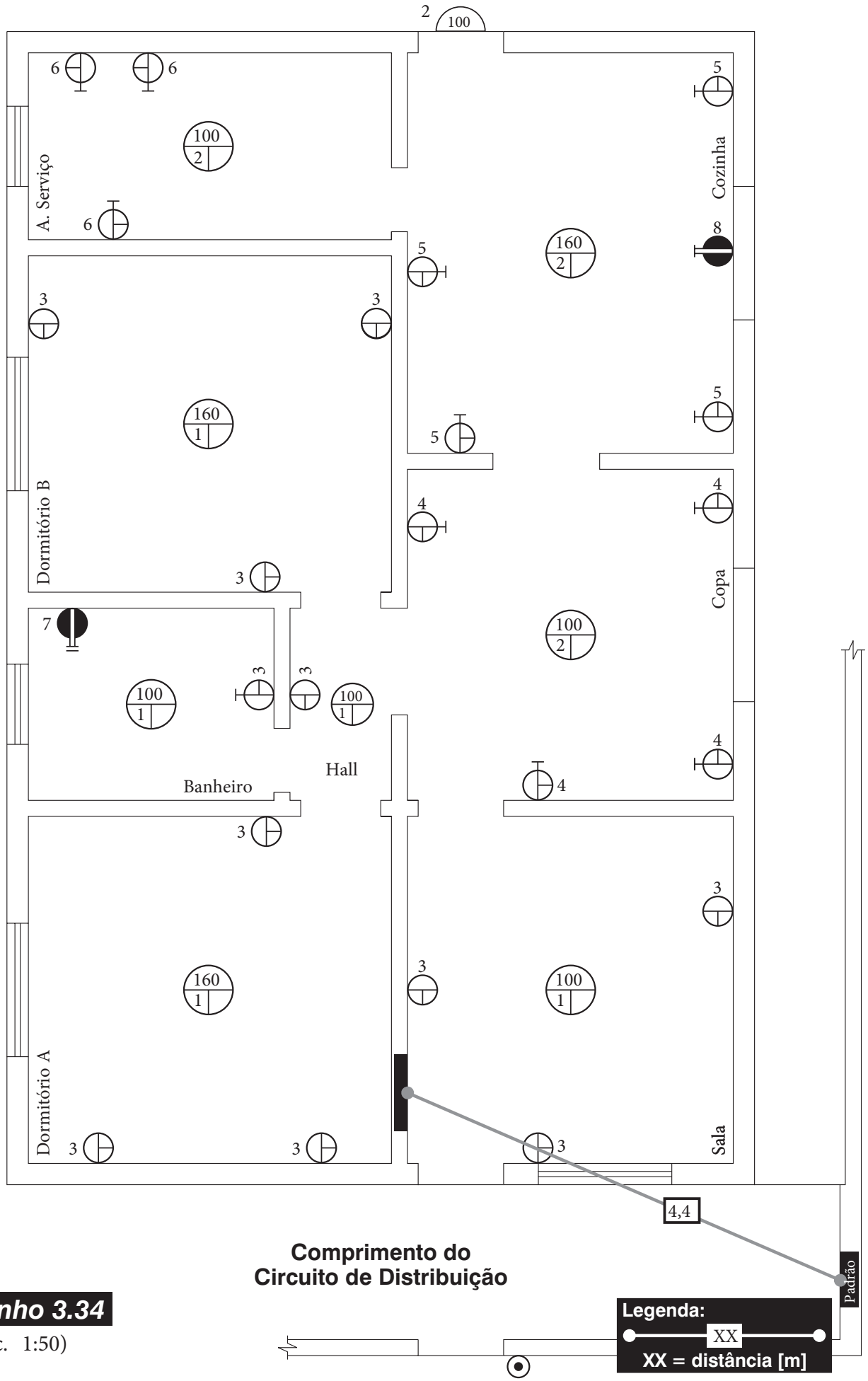
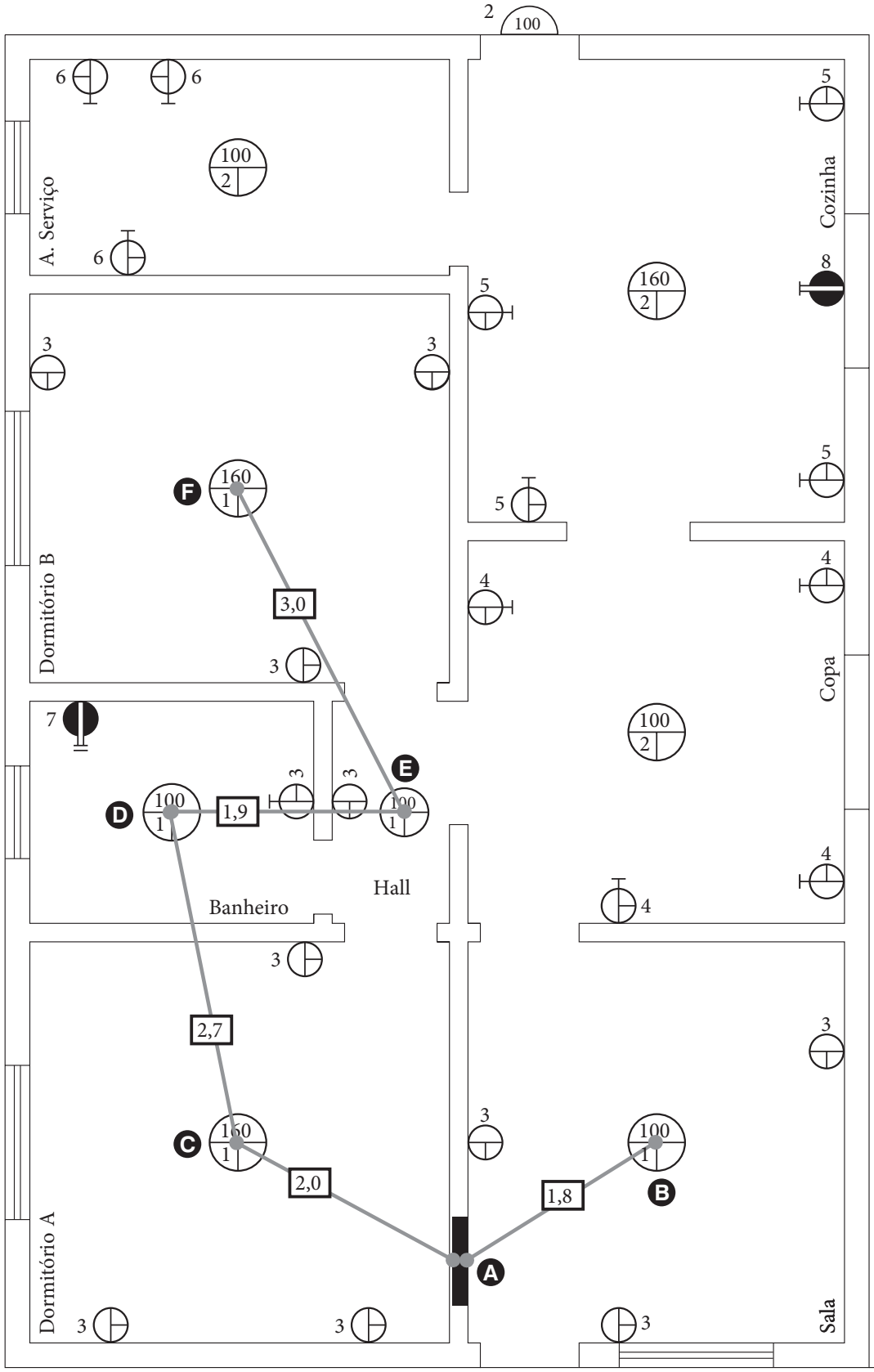


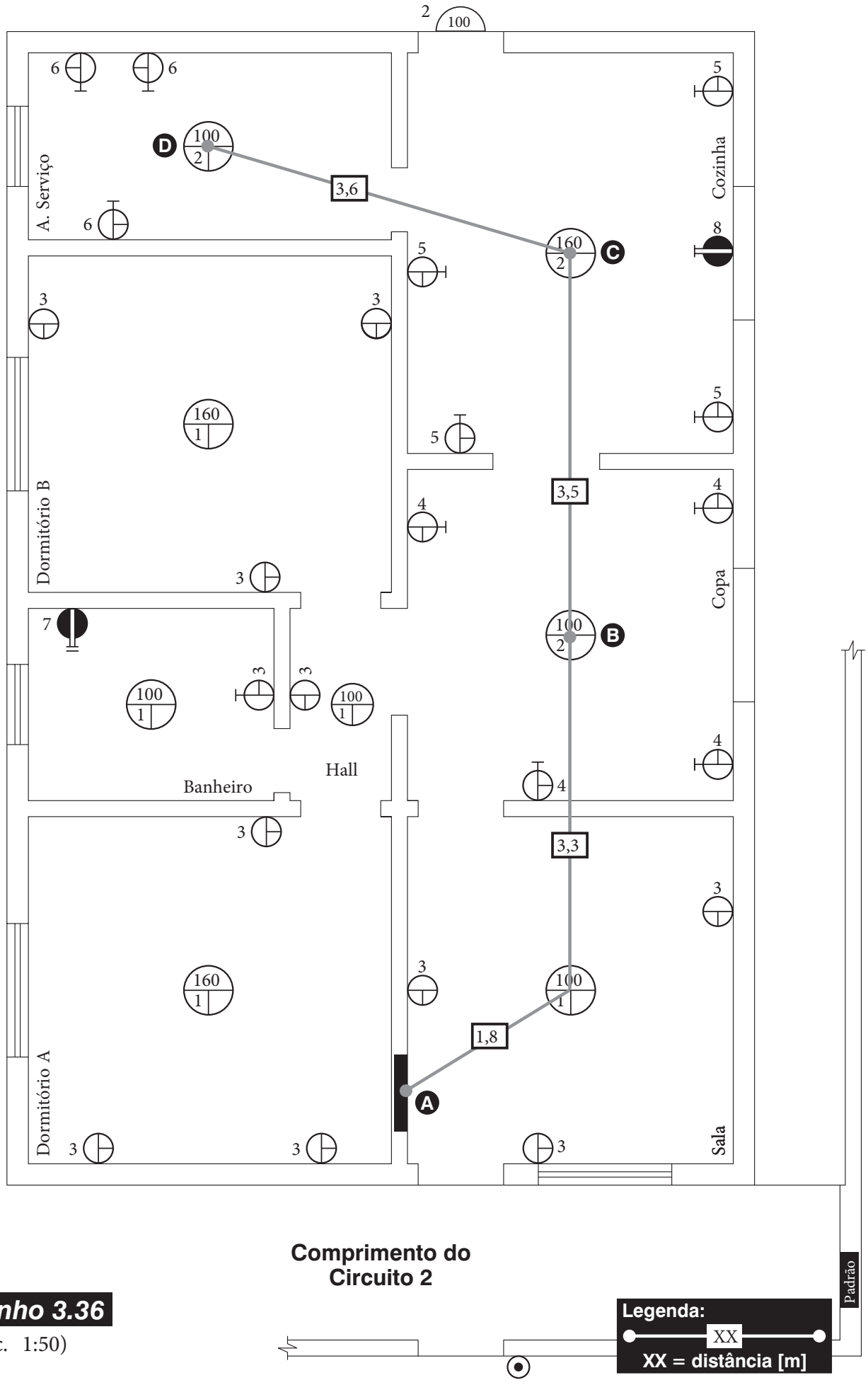
Desenho 3.34

(Esc. 1:50)



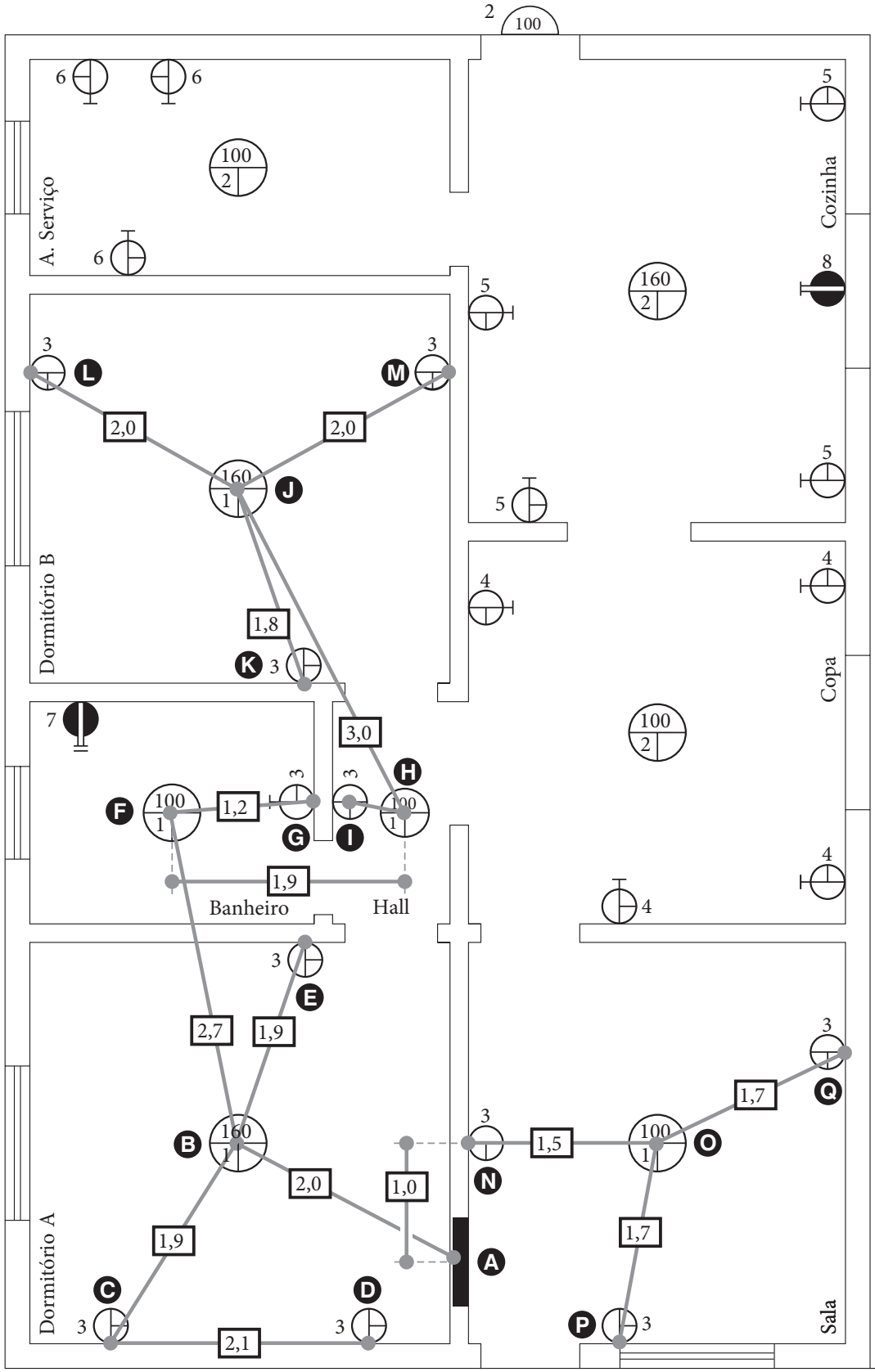
Desenho 3.35

(Esc. 1:50)



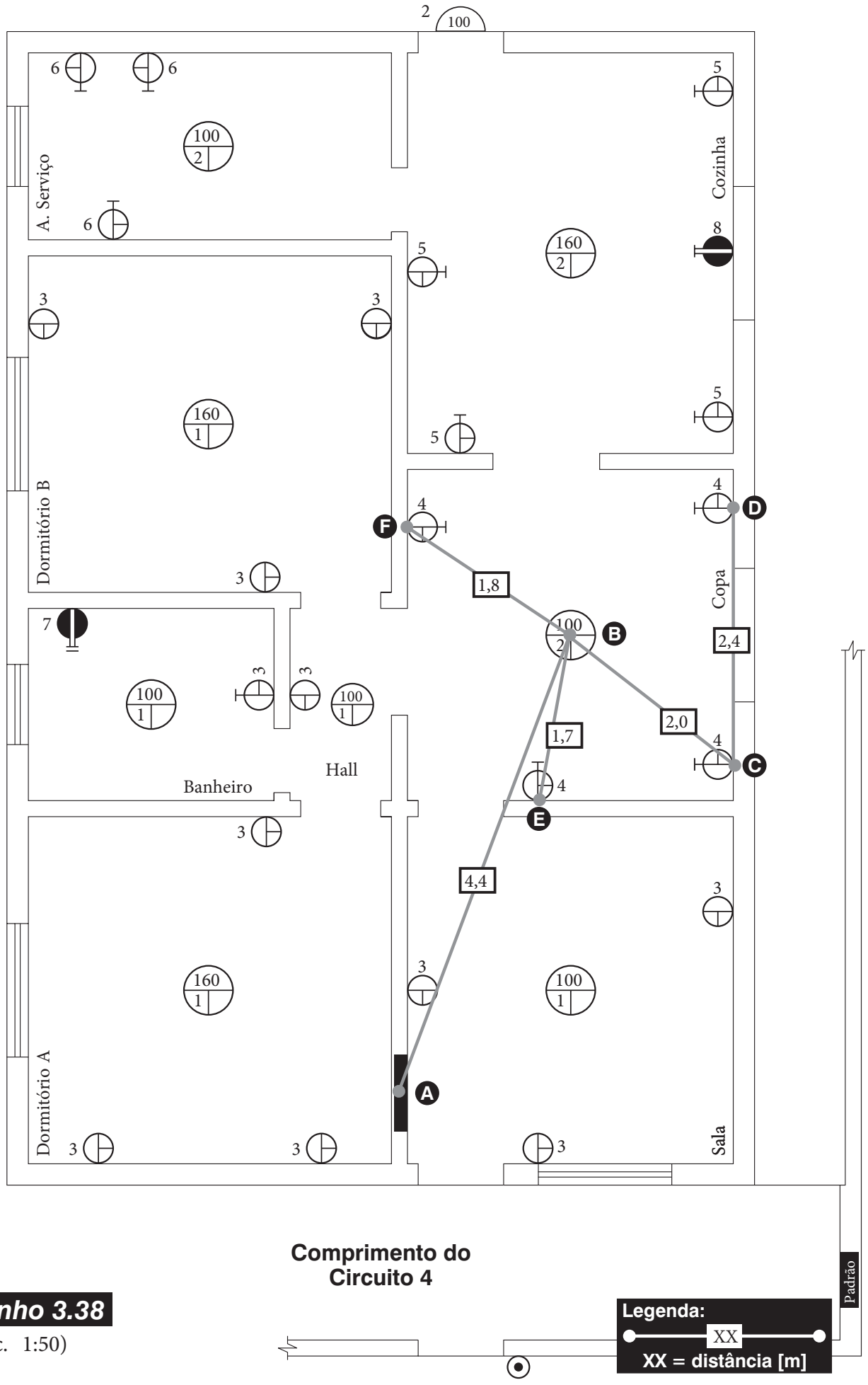
Desenho 3.36

(Esc. 1:50)



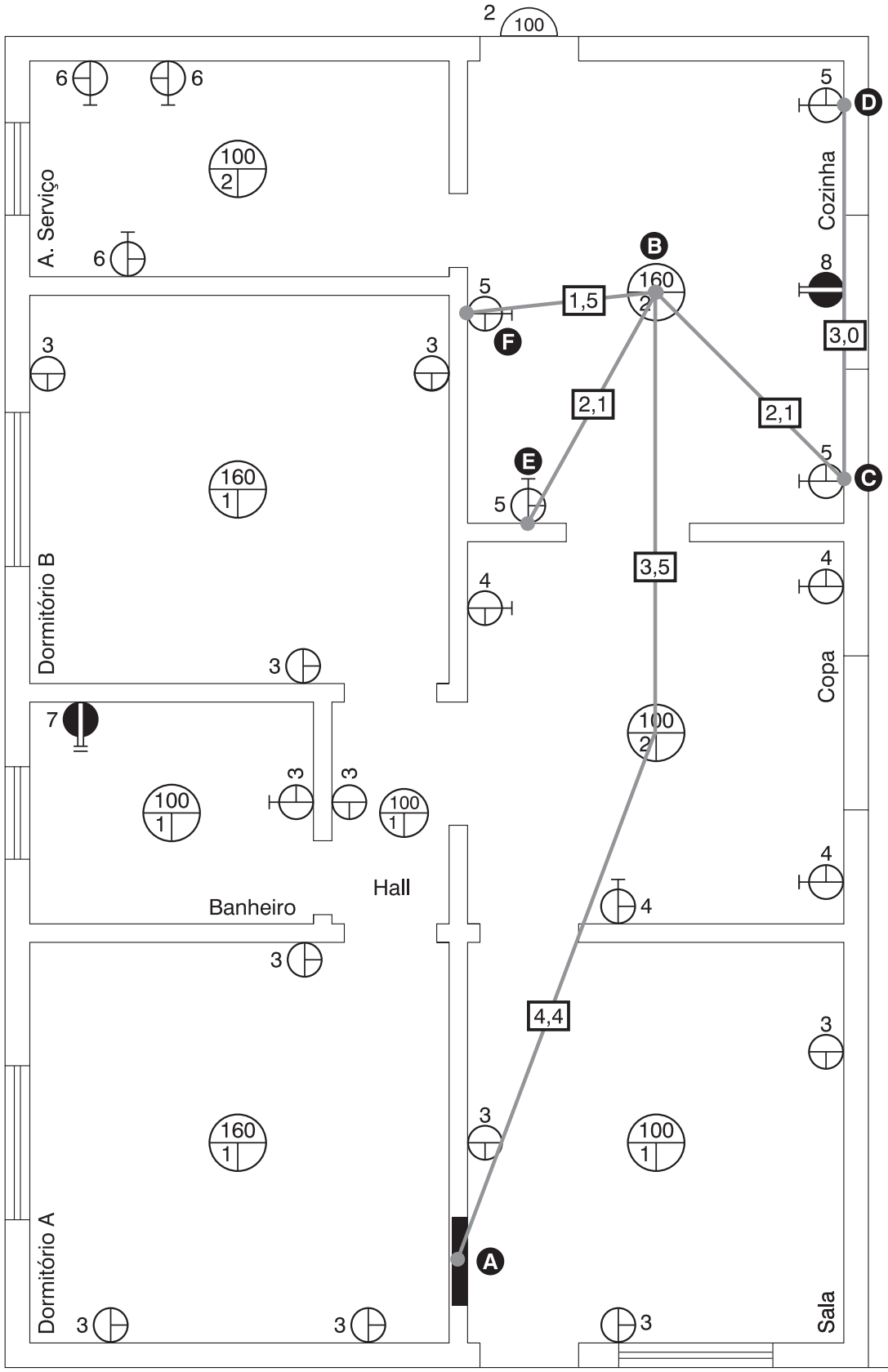
Desenho 3.37

(Esc. 1:50)



Desenho 3.38

(Esc. 1:50)



Comprimento do Circuito 5

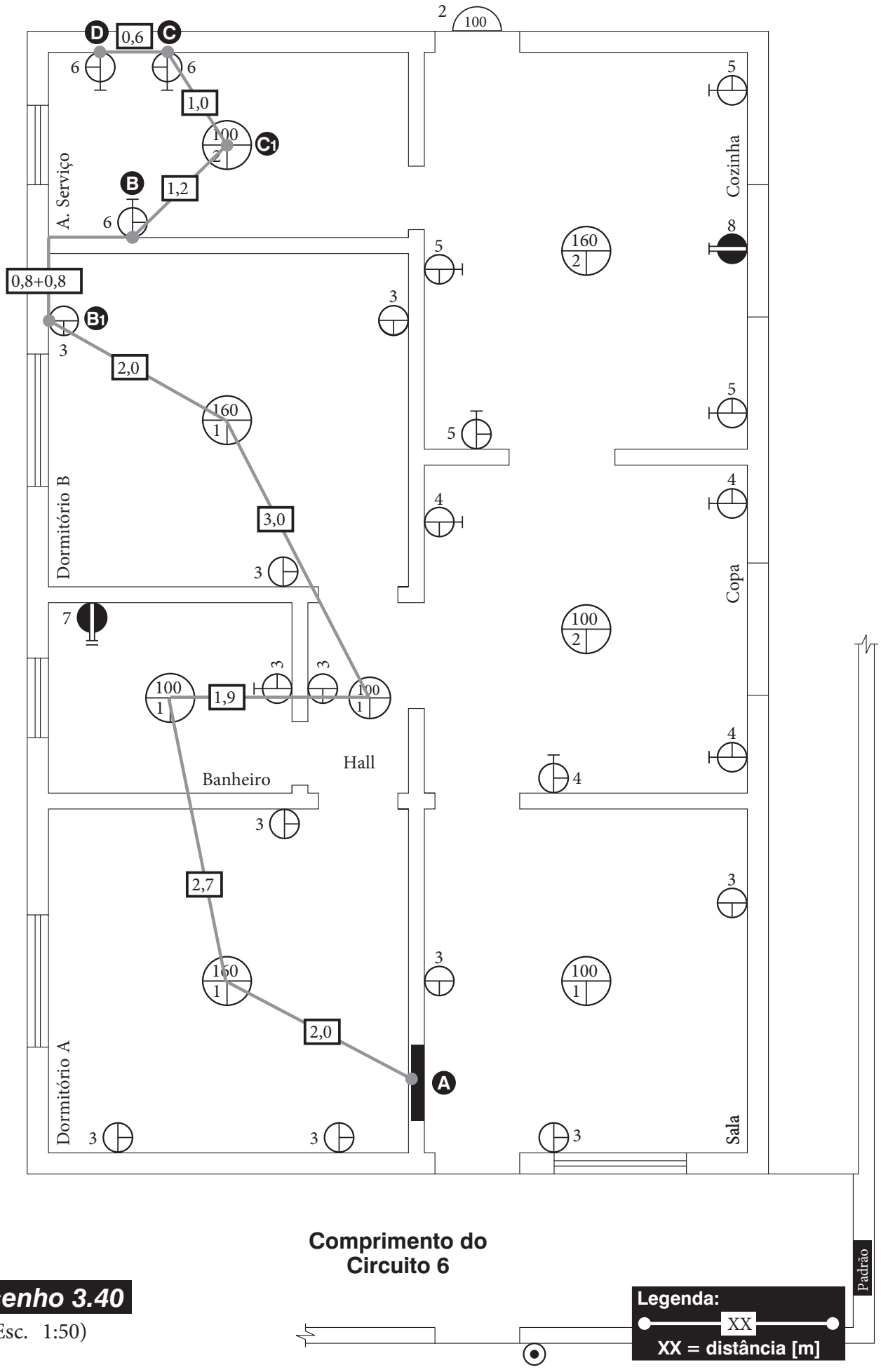
Legenda:

XX

XX = distância [m]

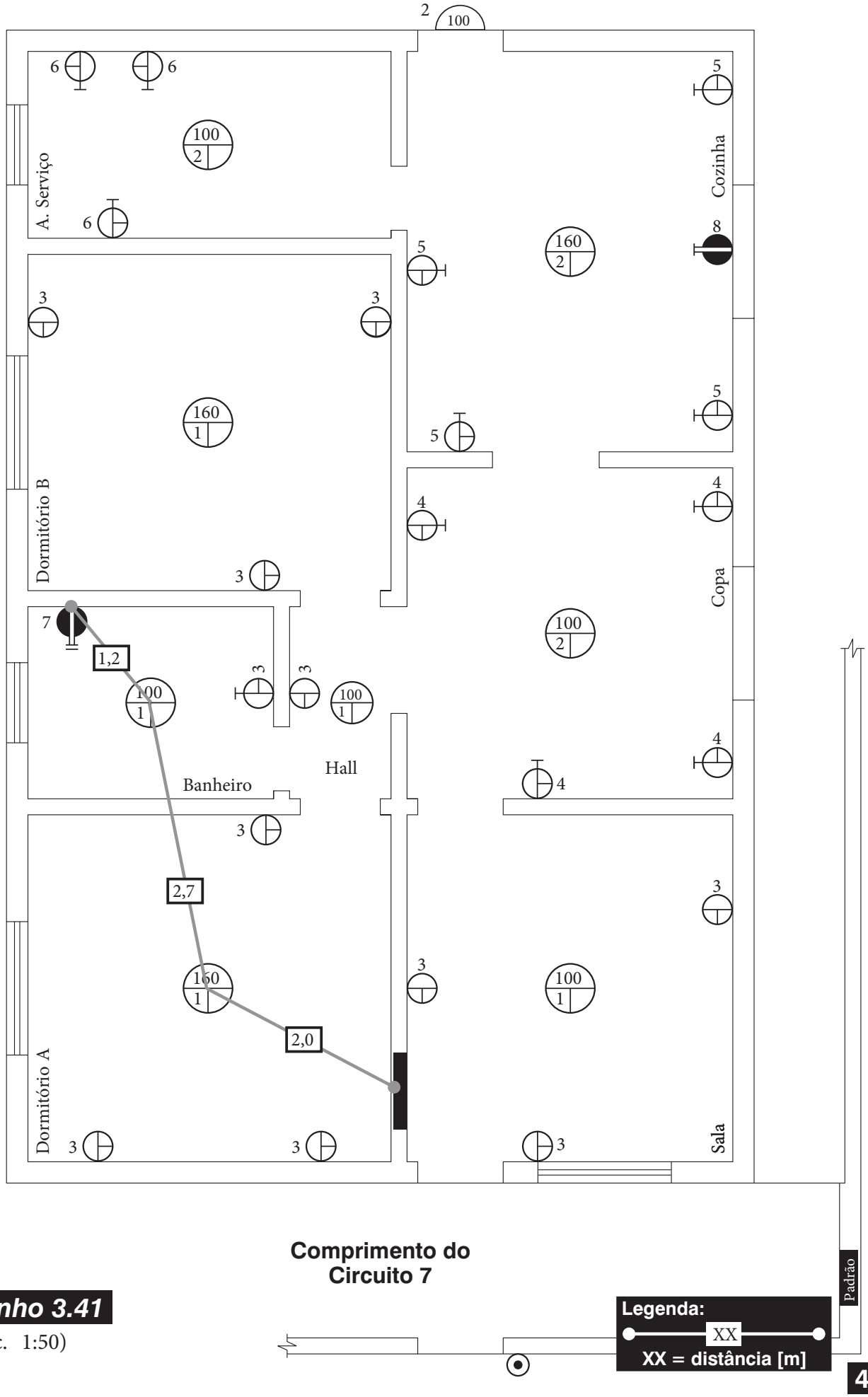
Desenho 3.39

(Esc. 1:50)



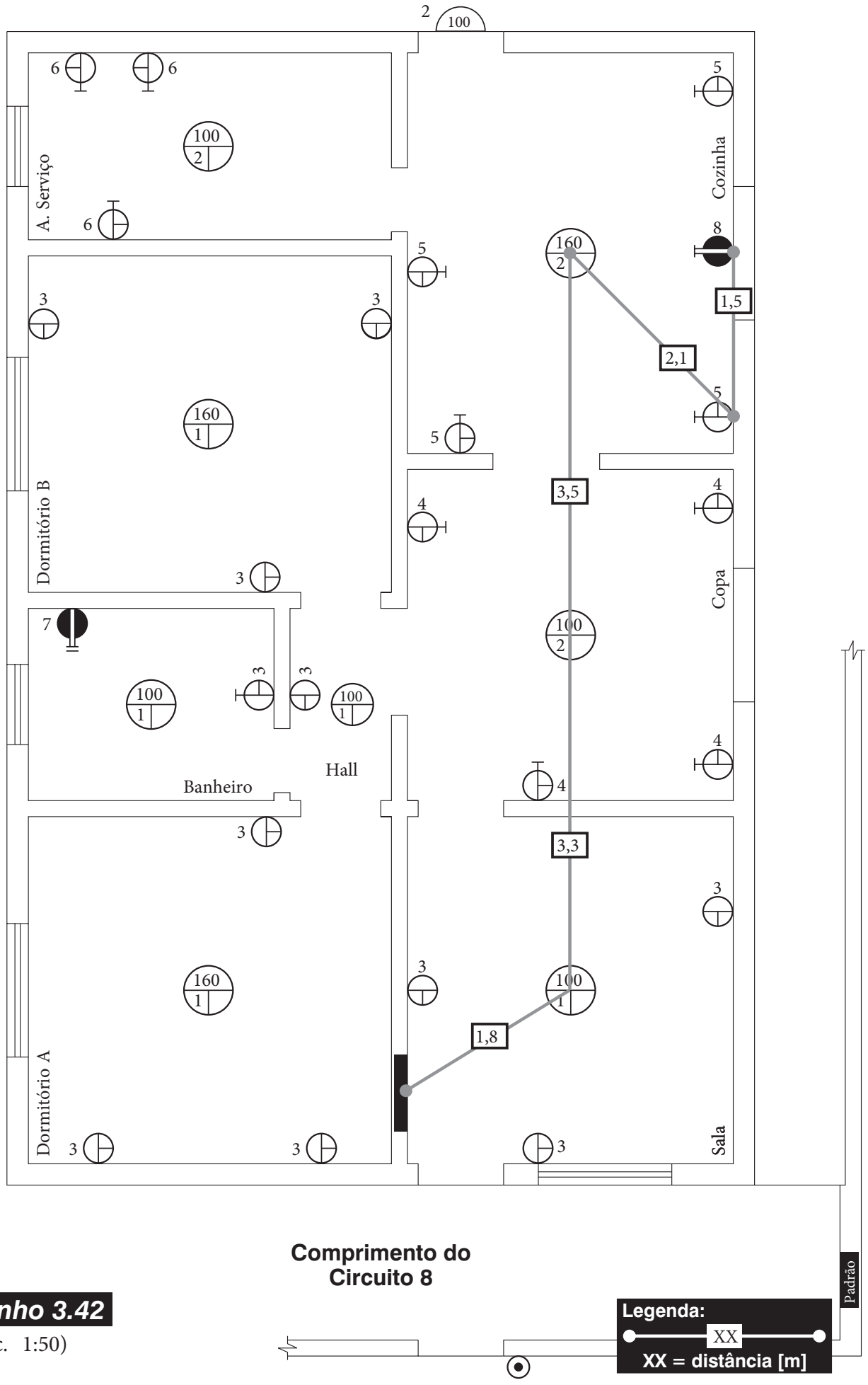
Desenho 3.40

(Esc. 1:50)



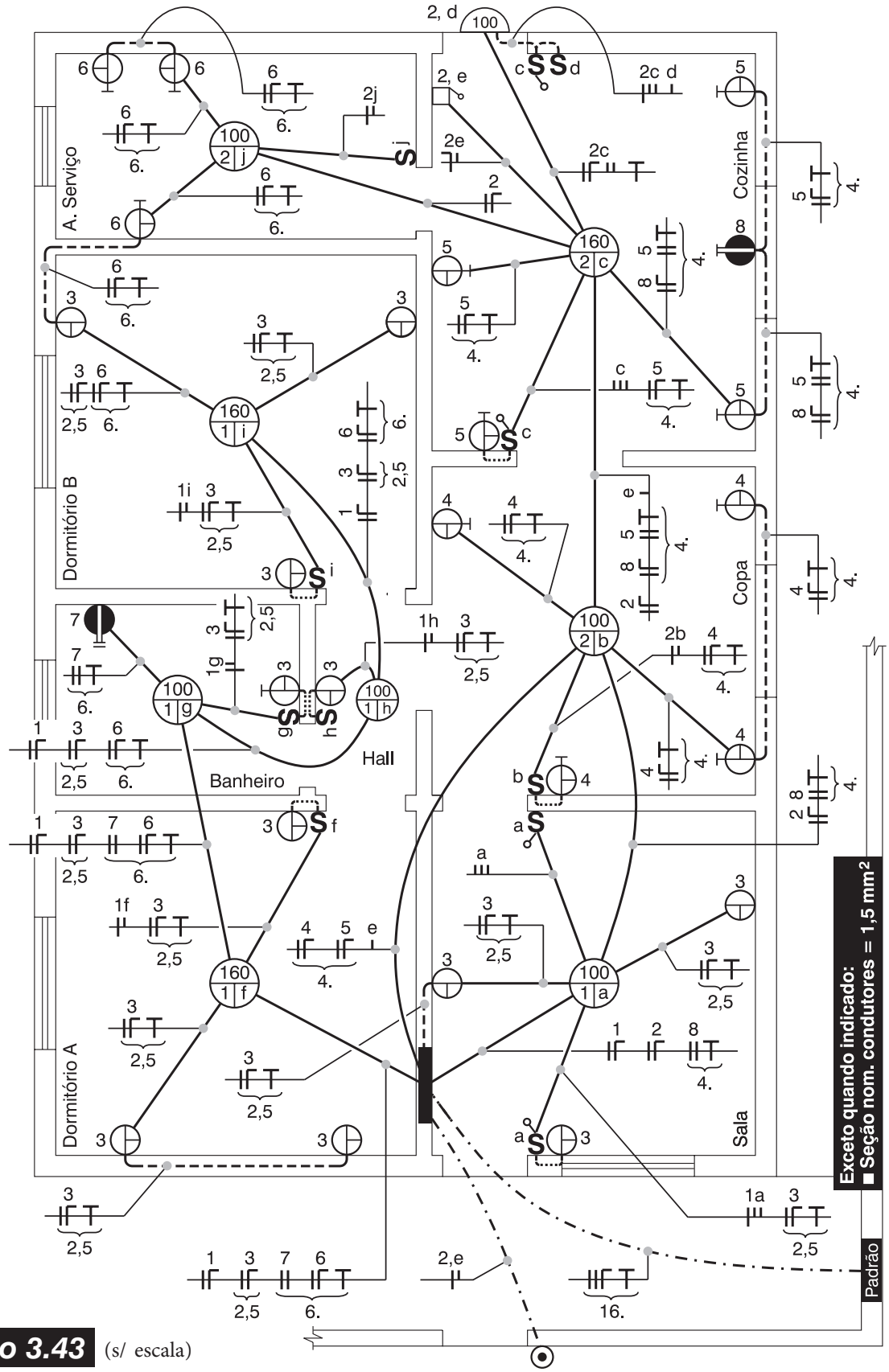
Desenho 3.41

(Esc. 1:50)

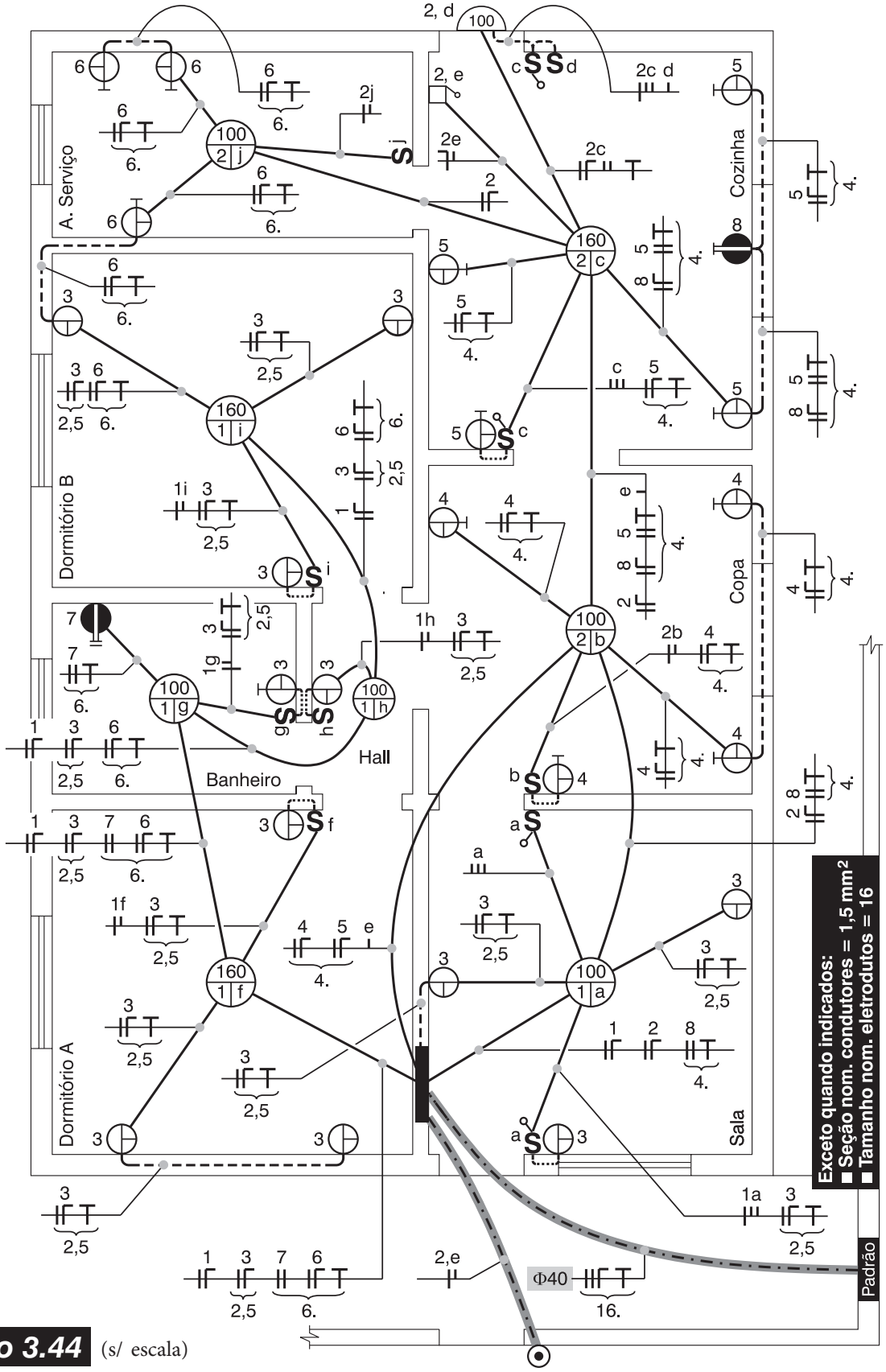


Desenho 3.42

(Esc. 1:50)



Desenho 3.43 (s/ escala)



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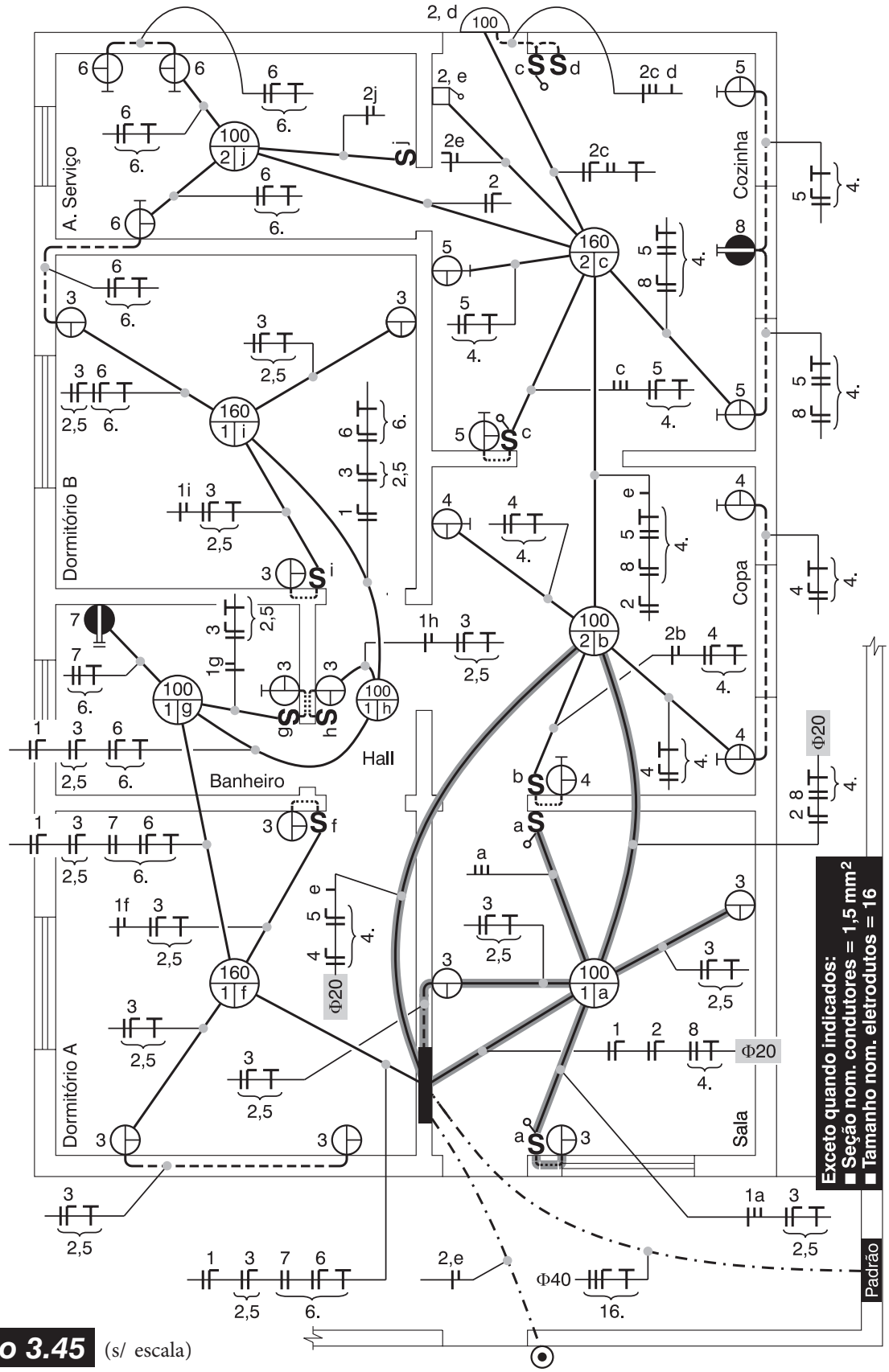
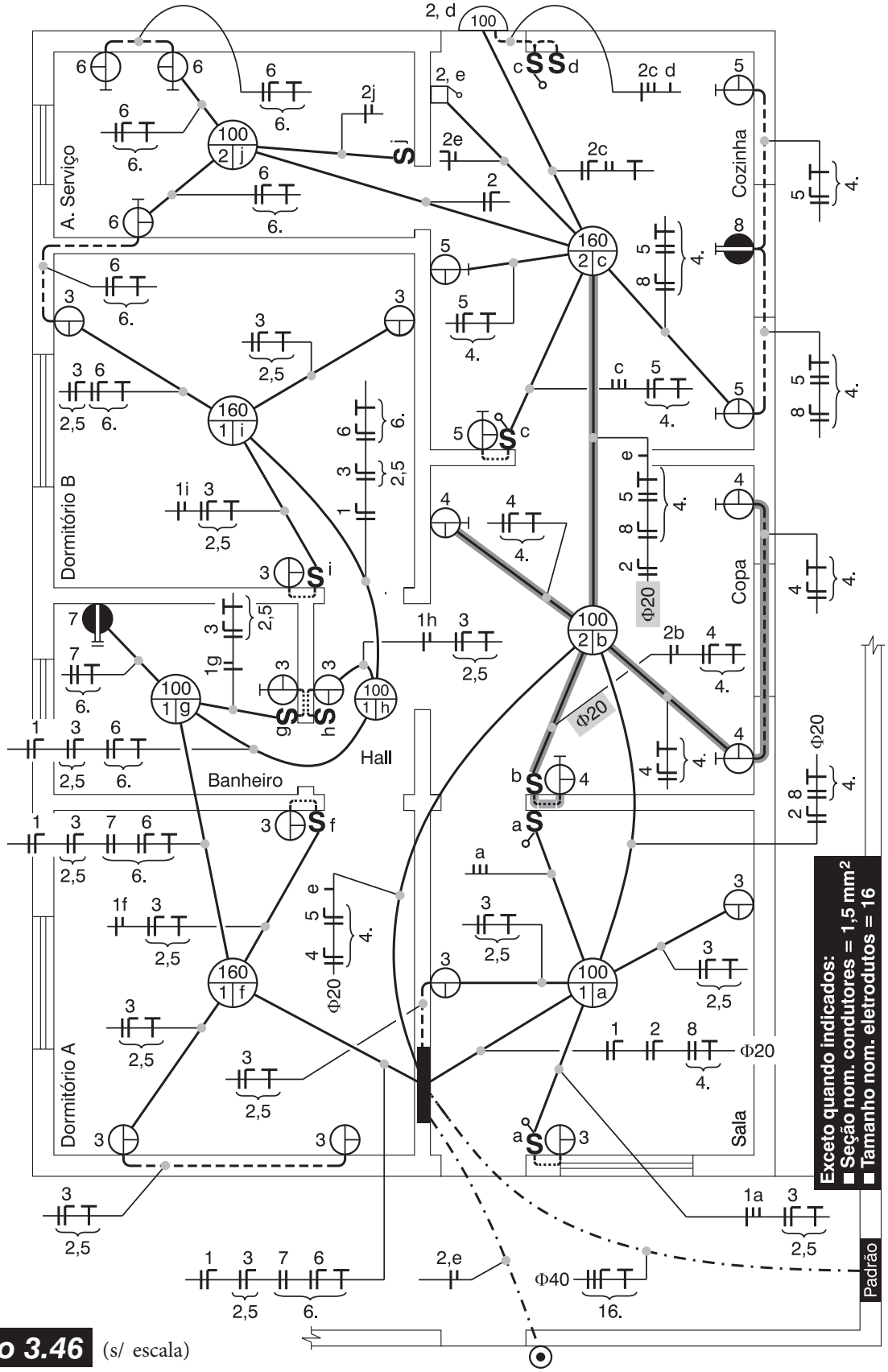


Desenho 3.45 (s/ escala)



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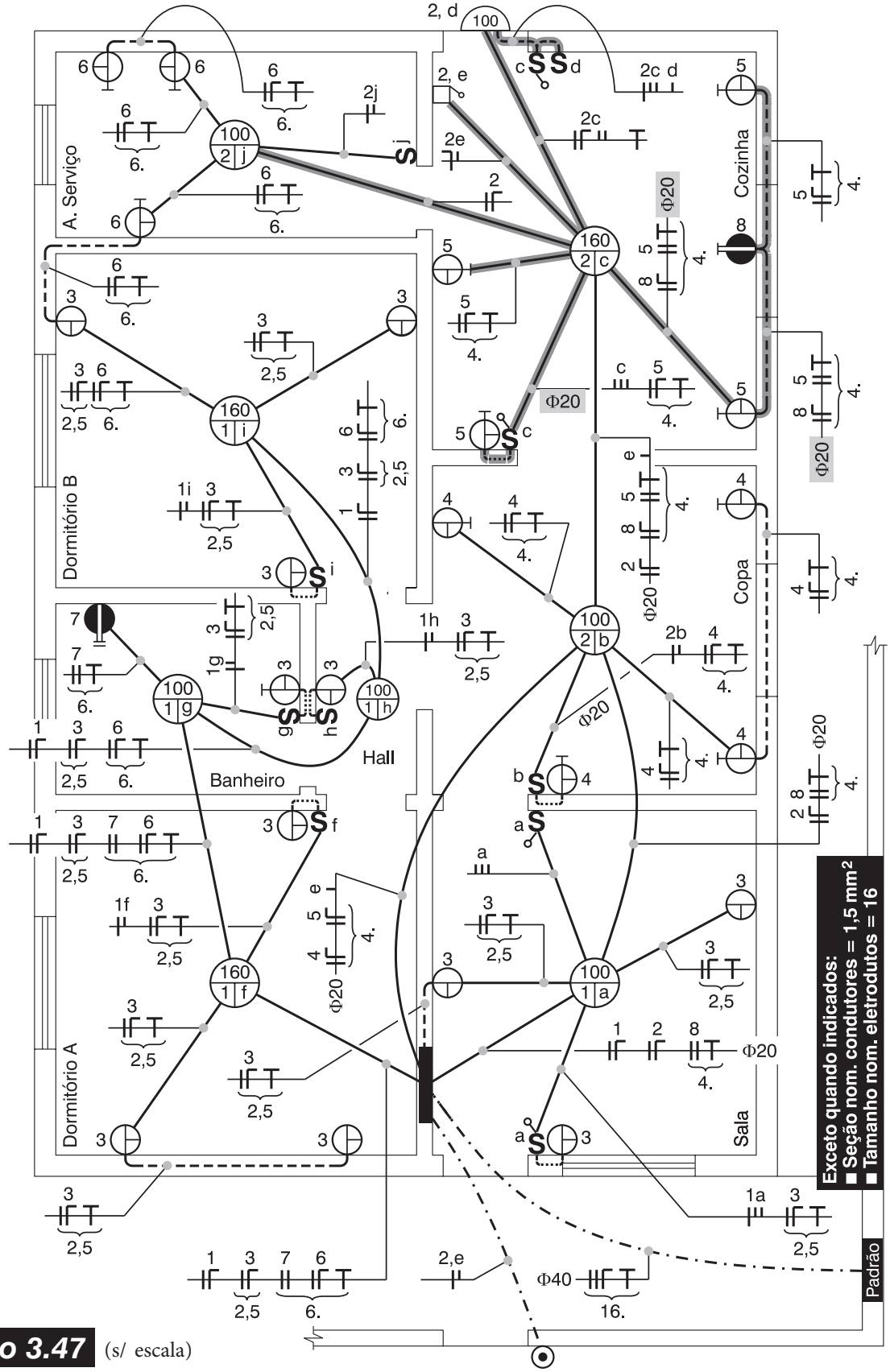

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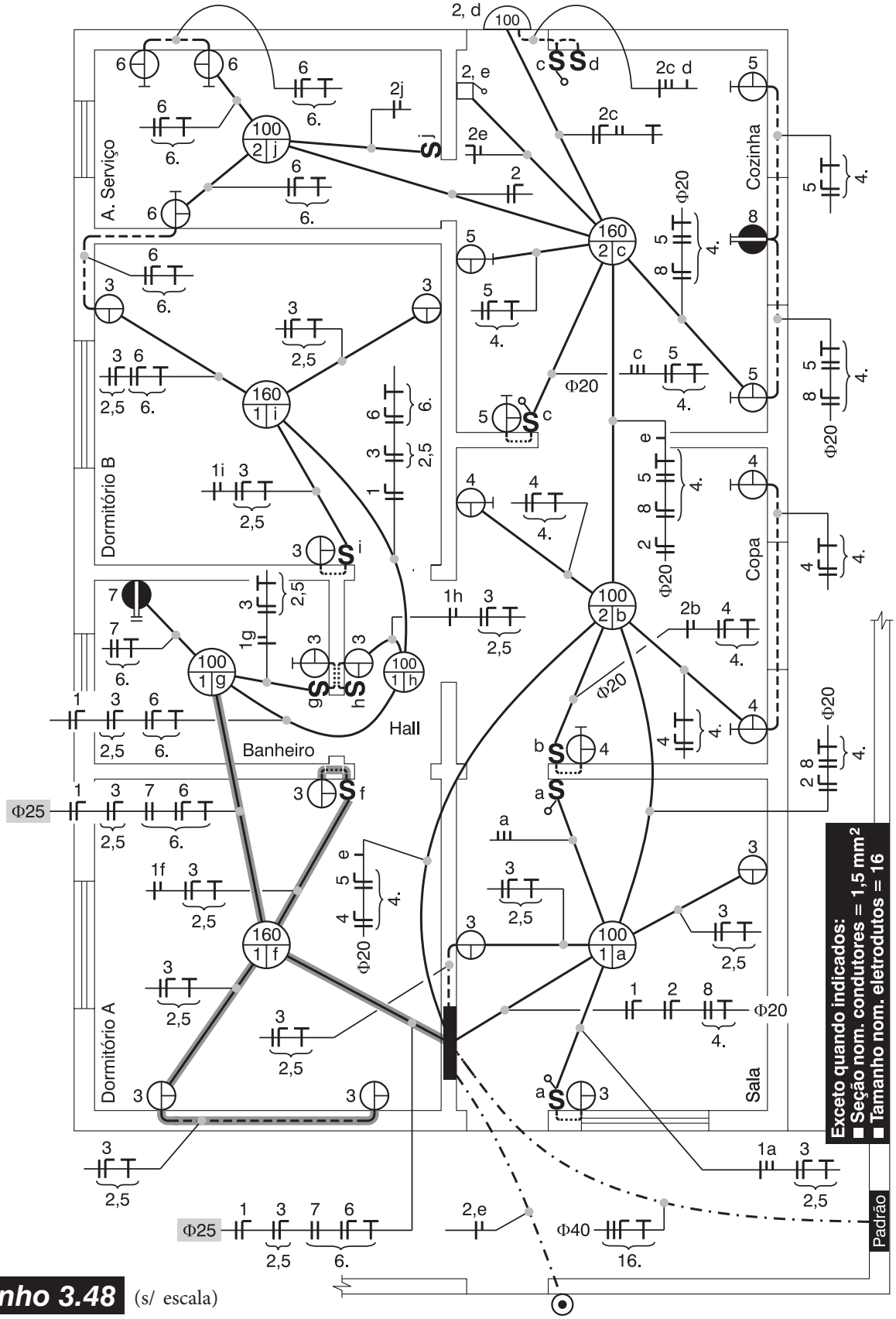
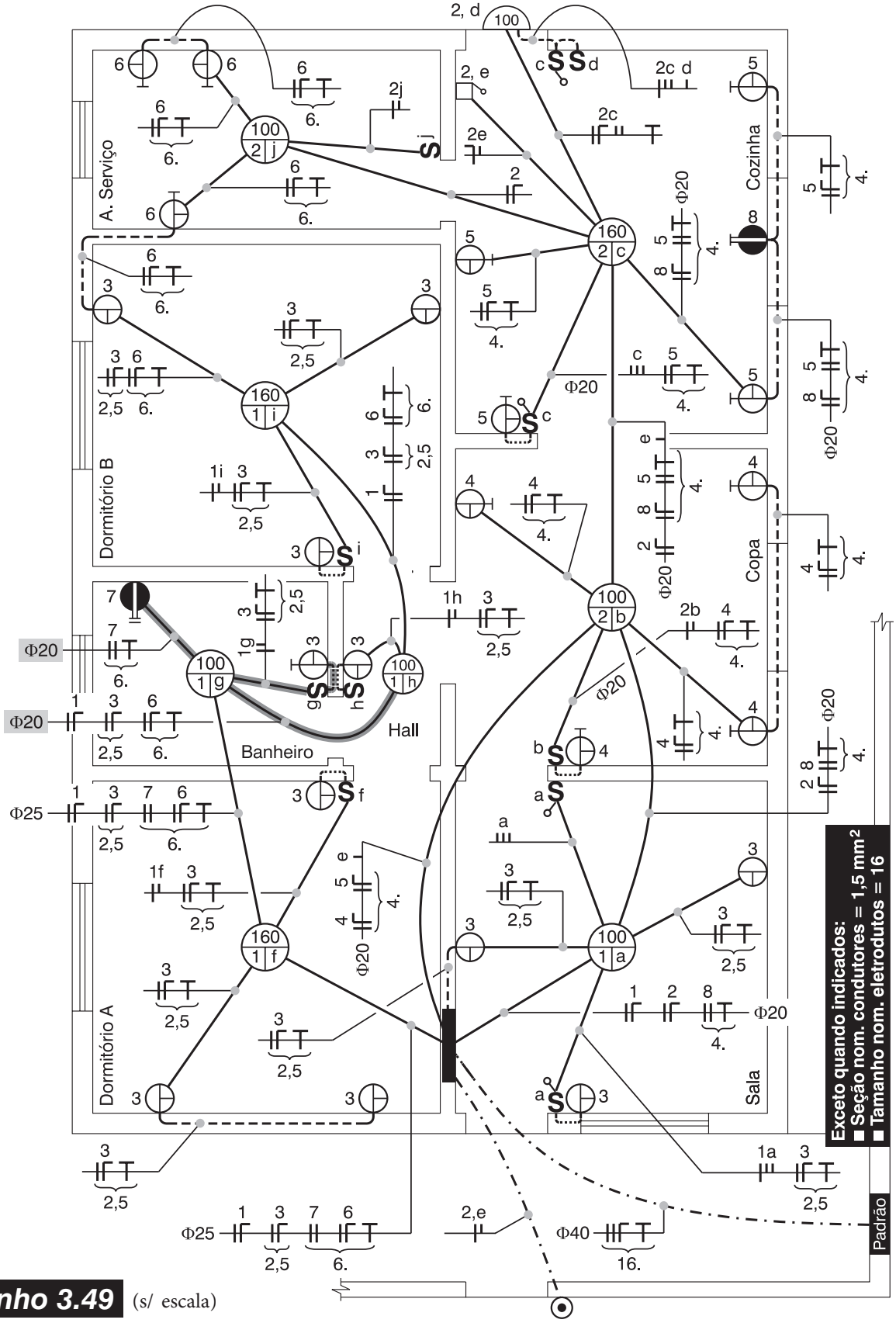
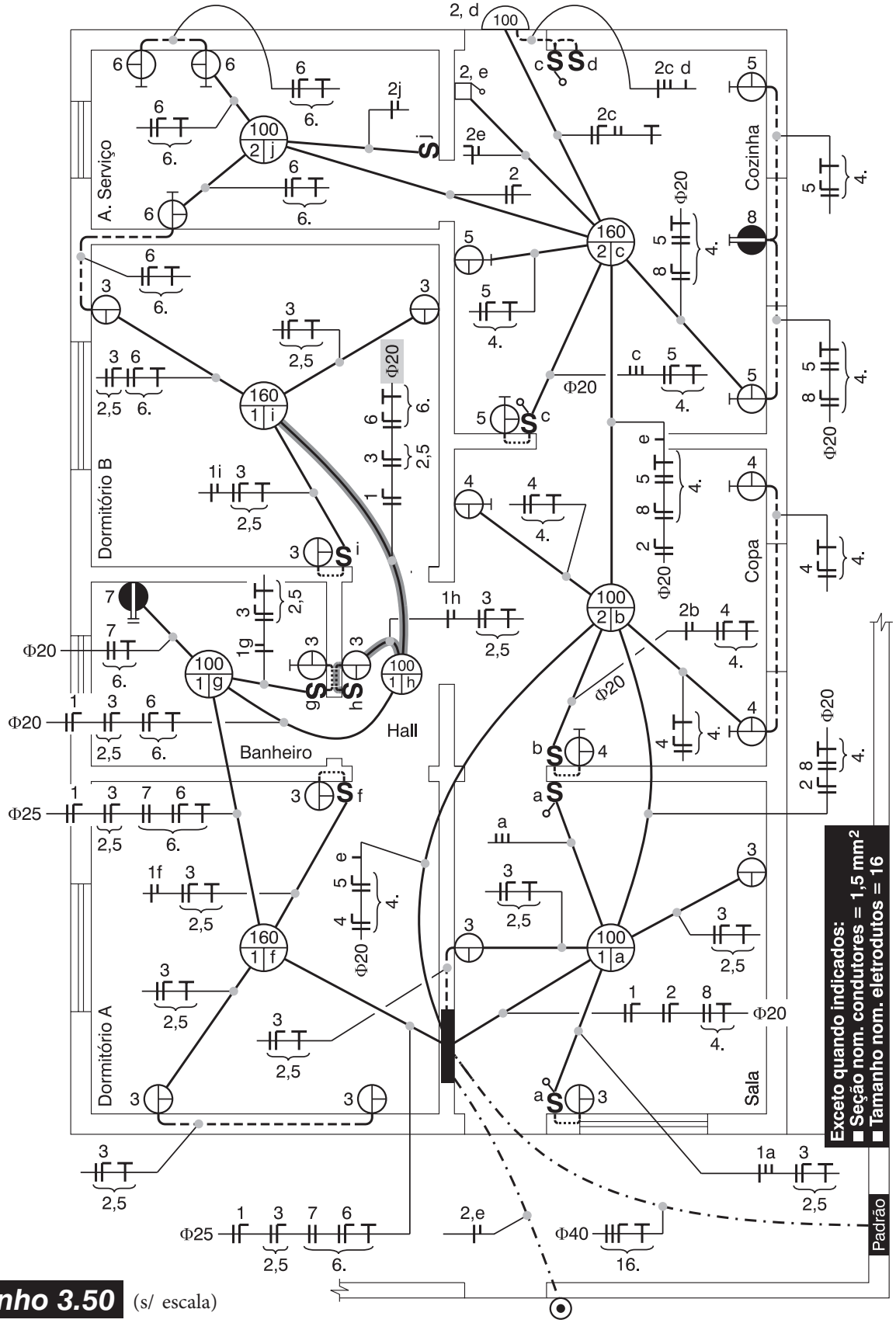


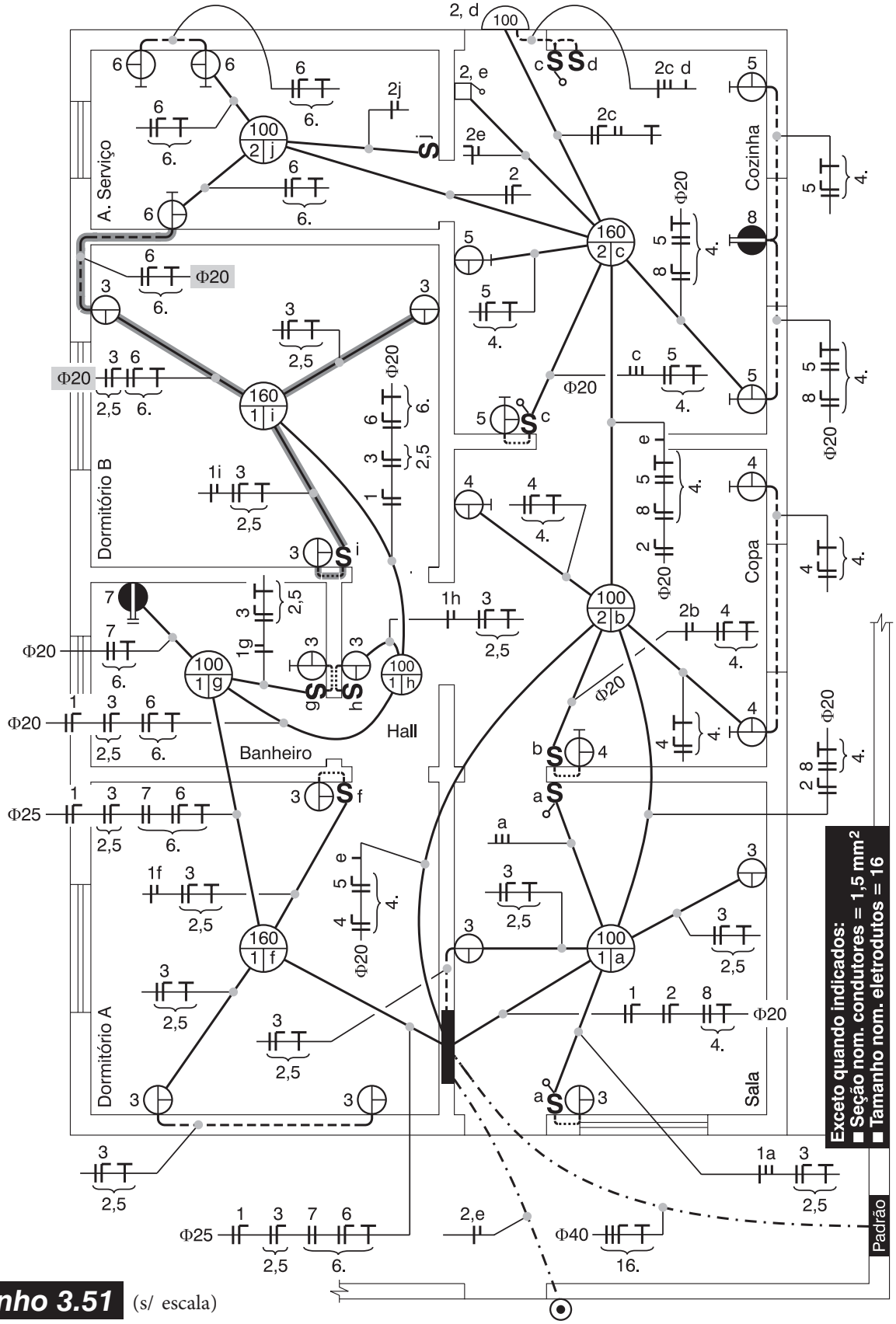
Desenho 3.48 (s/ escala)



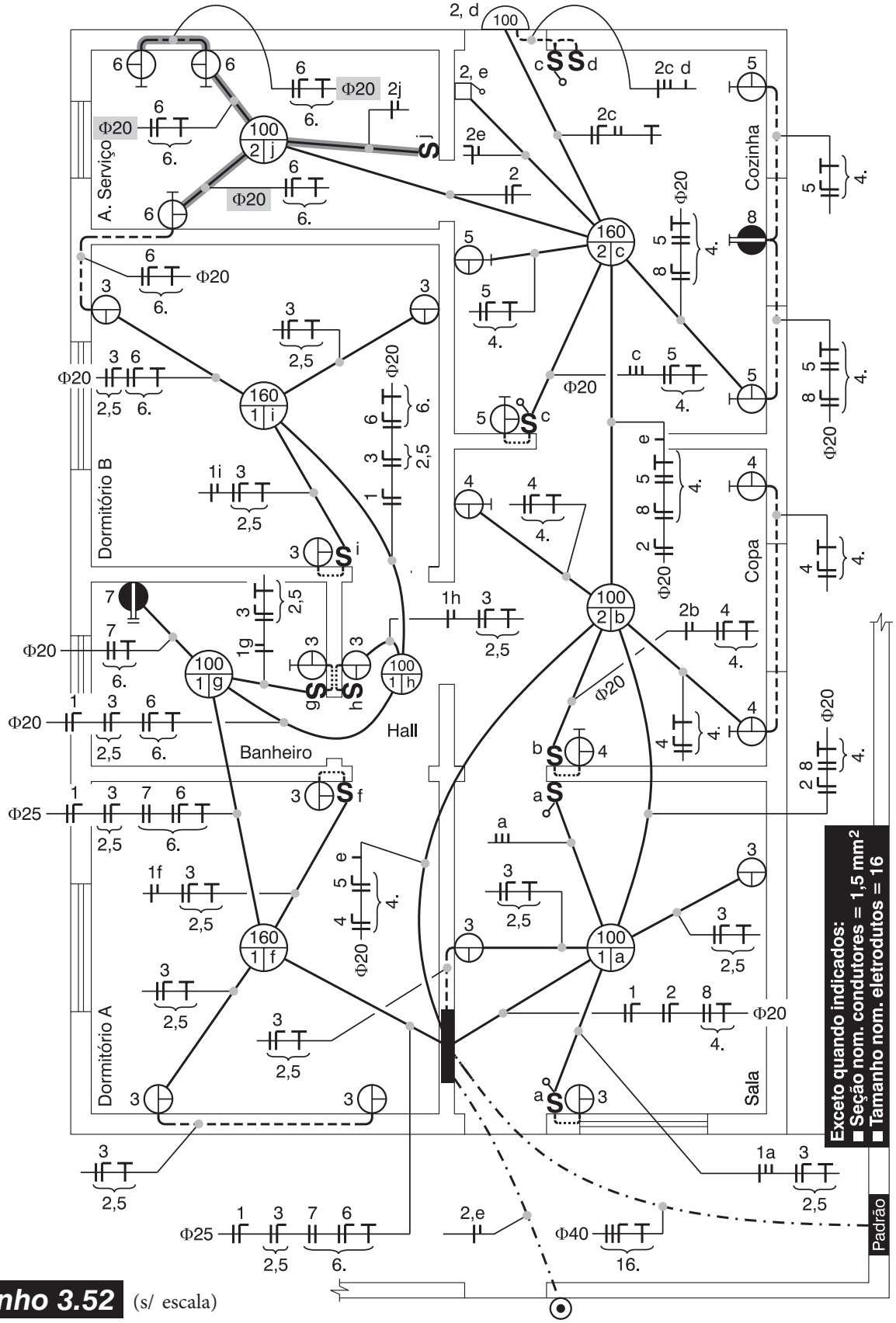
Desenho 3.49 (s/ escala)



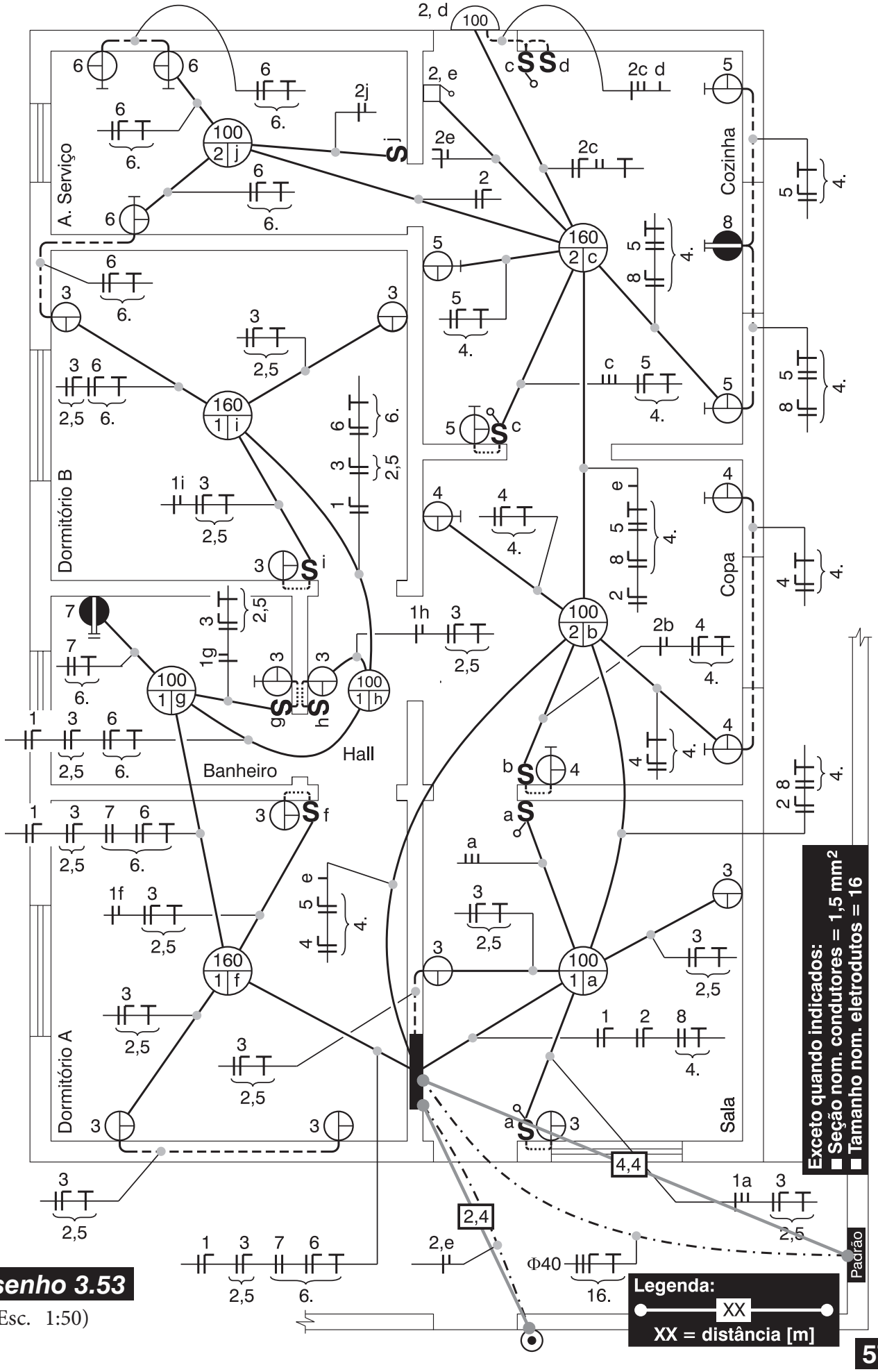
Desenho 3.50 (s/ escala)



Desenho 3.51 (s/ escala)

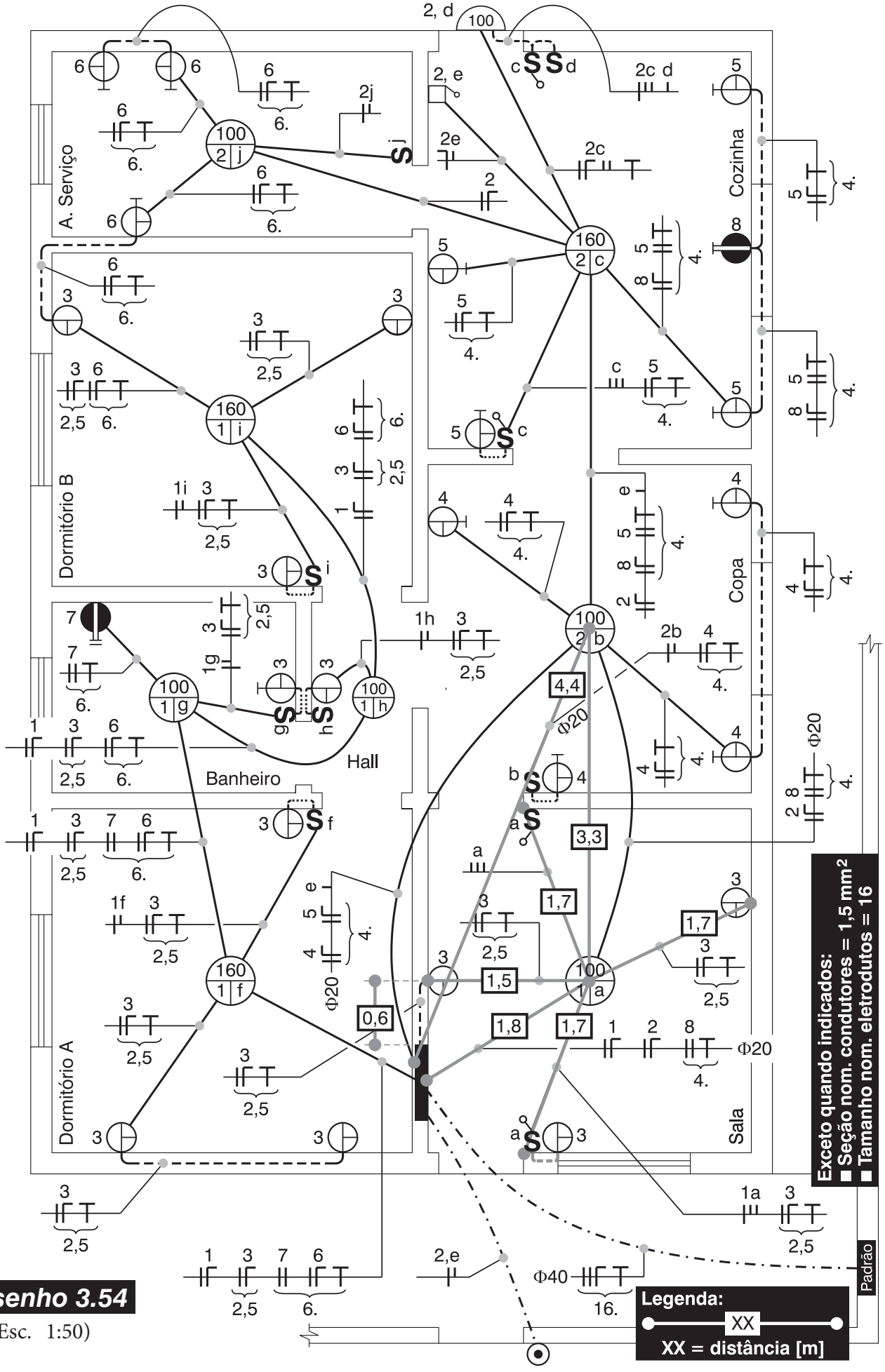


Desenho 3.52 (s/ escala)



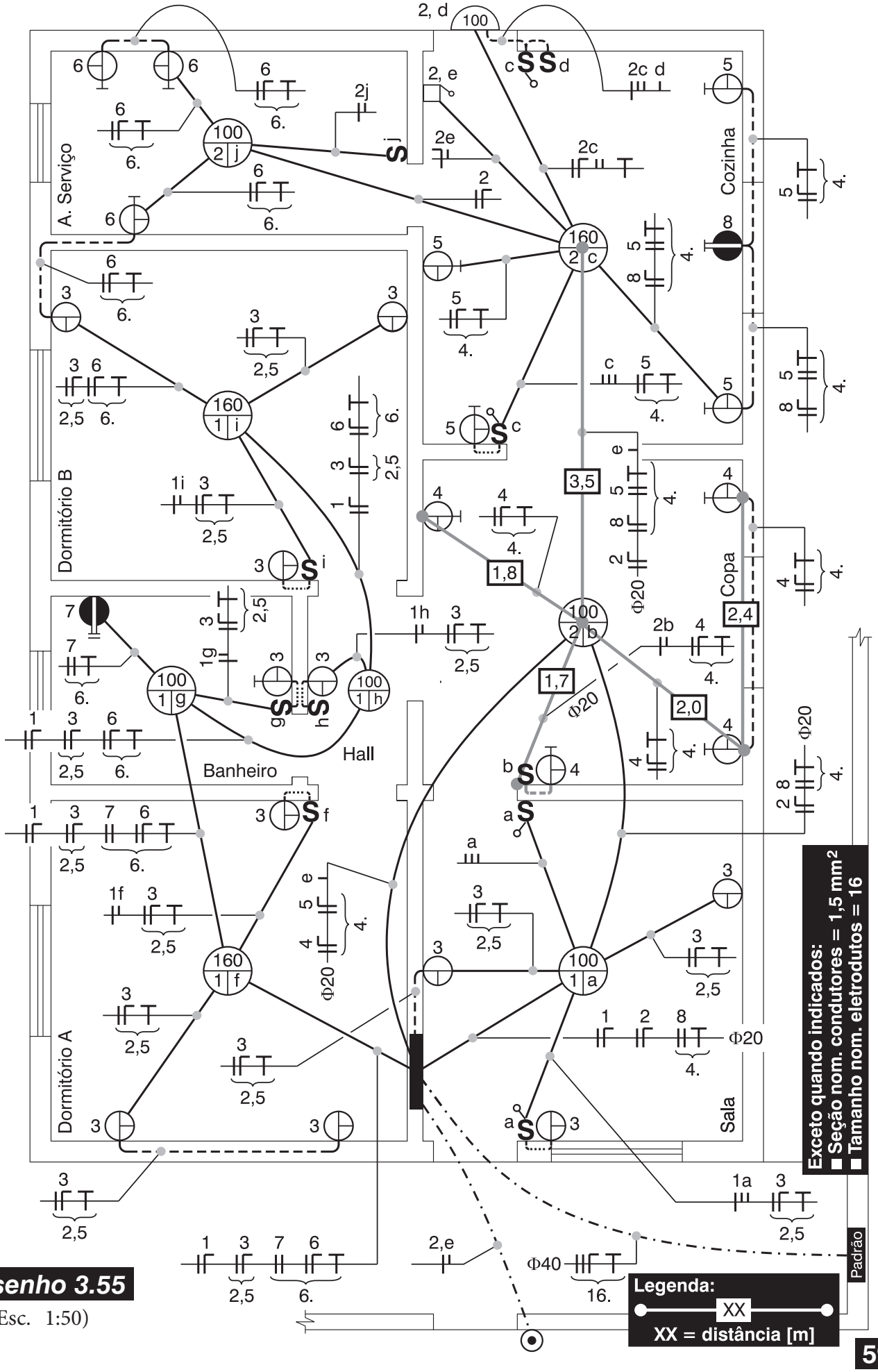
Desenho 3.53

(Esc. 1:50)



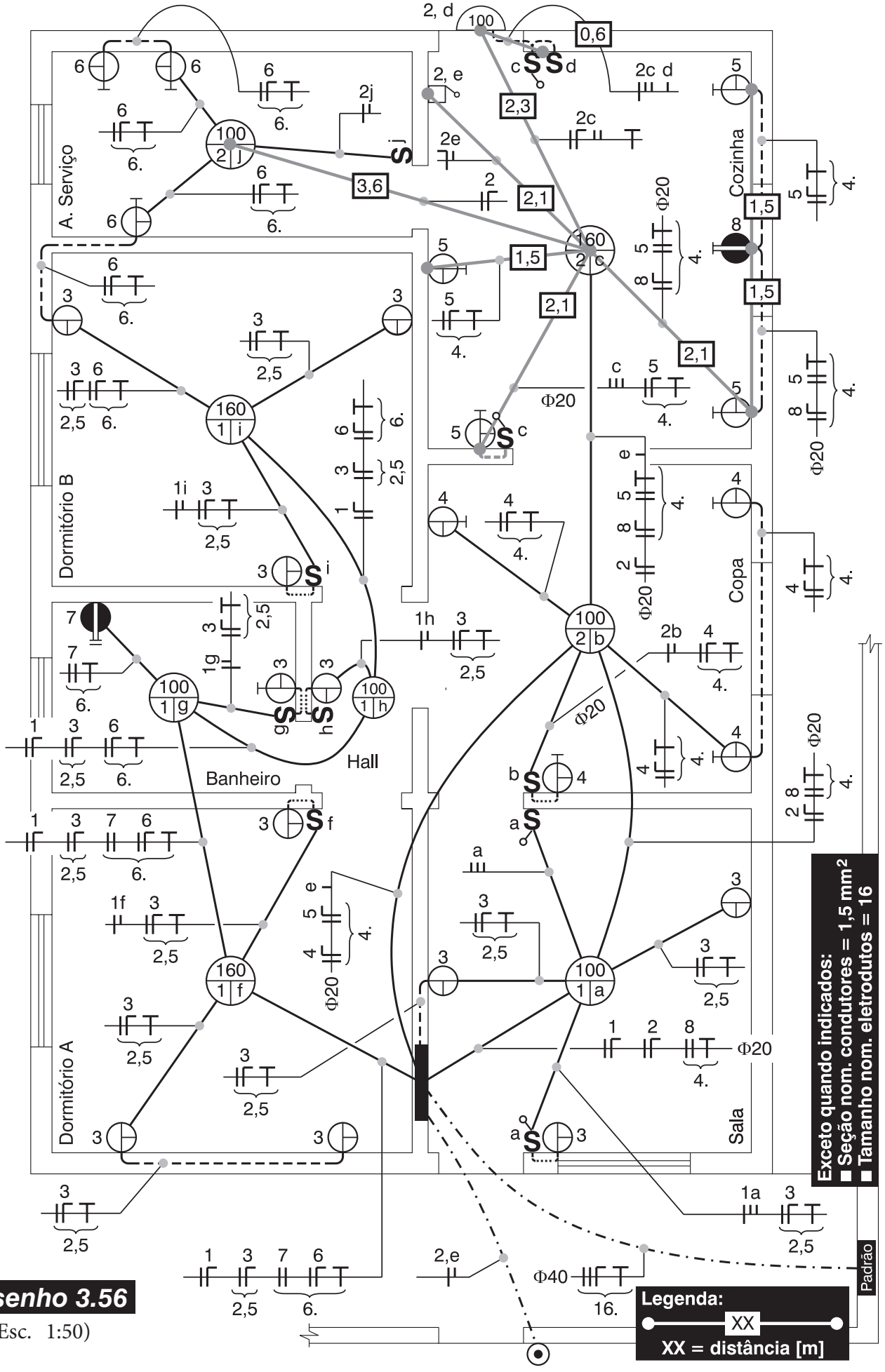
Desenho 3.54

(Esc. 1:50)



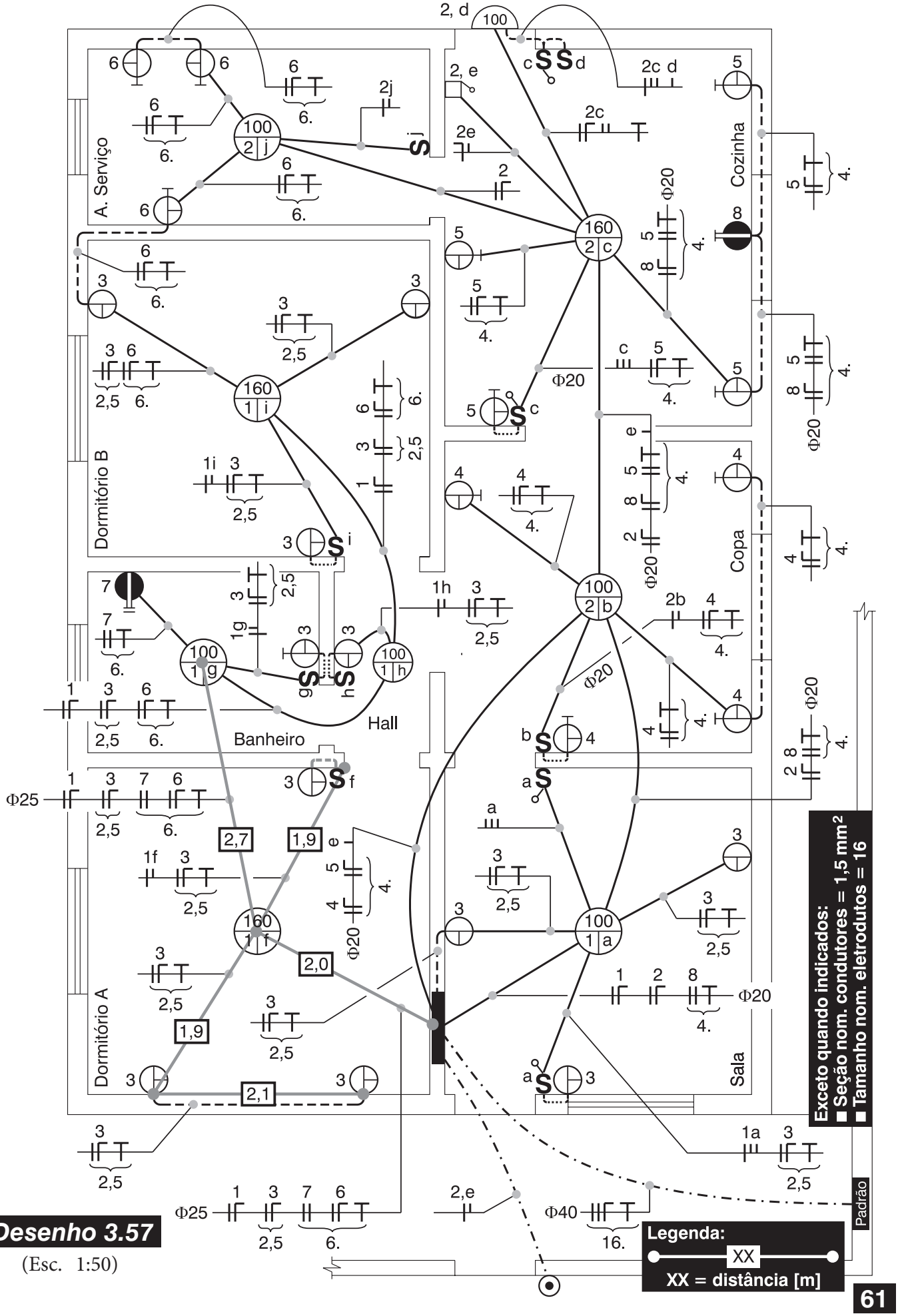
Desenho 3.55

(Esc. 1:50)



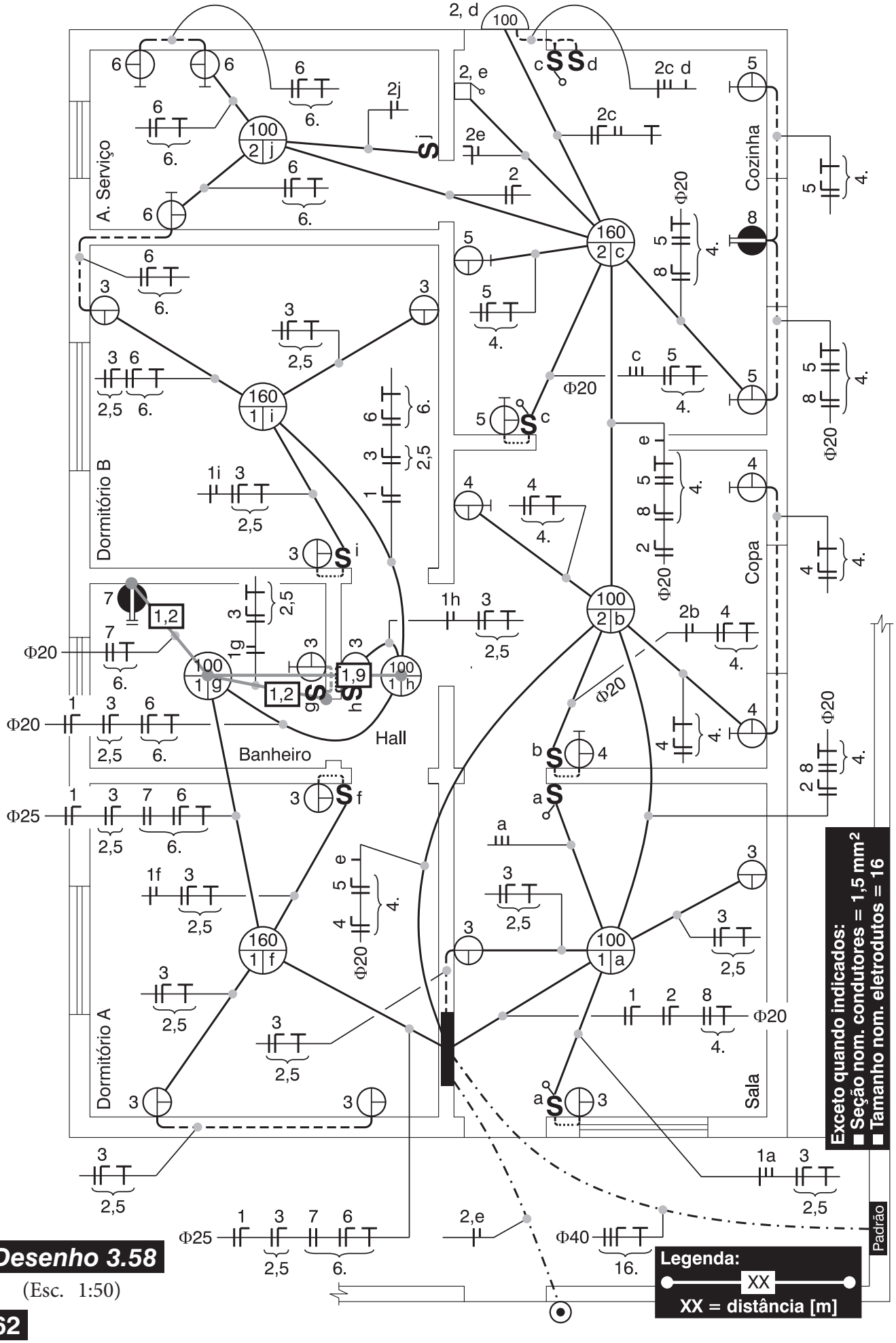
Desenho 3.56

(Esc. 1:50)



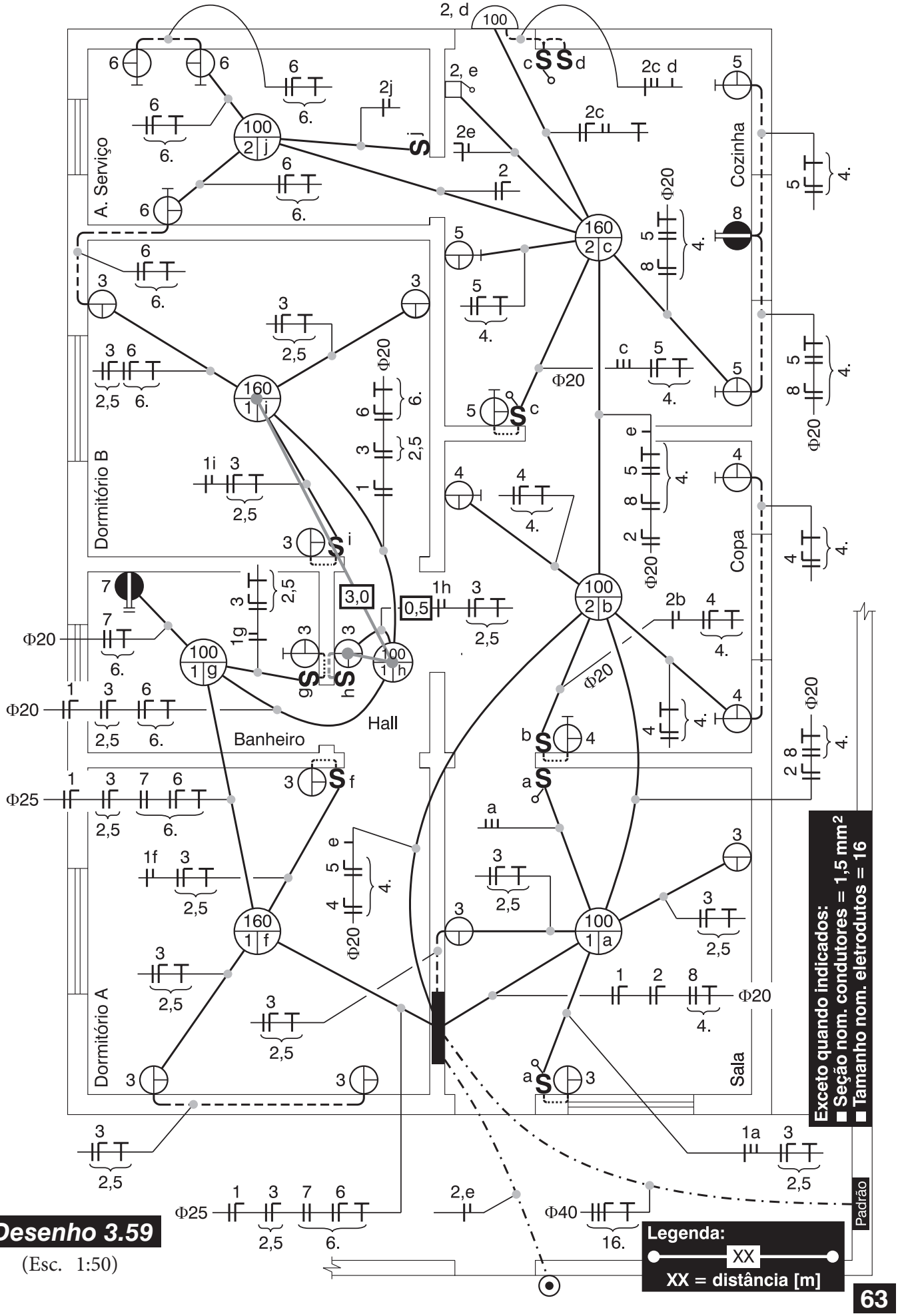
Desenho 3.57

(Esc. 1:50)



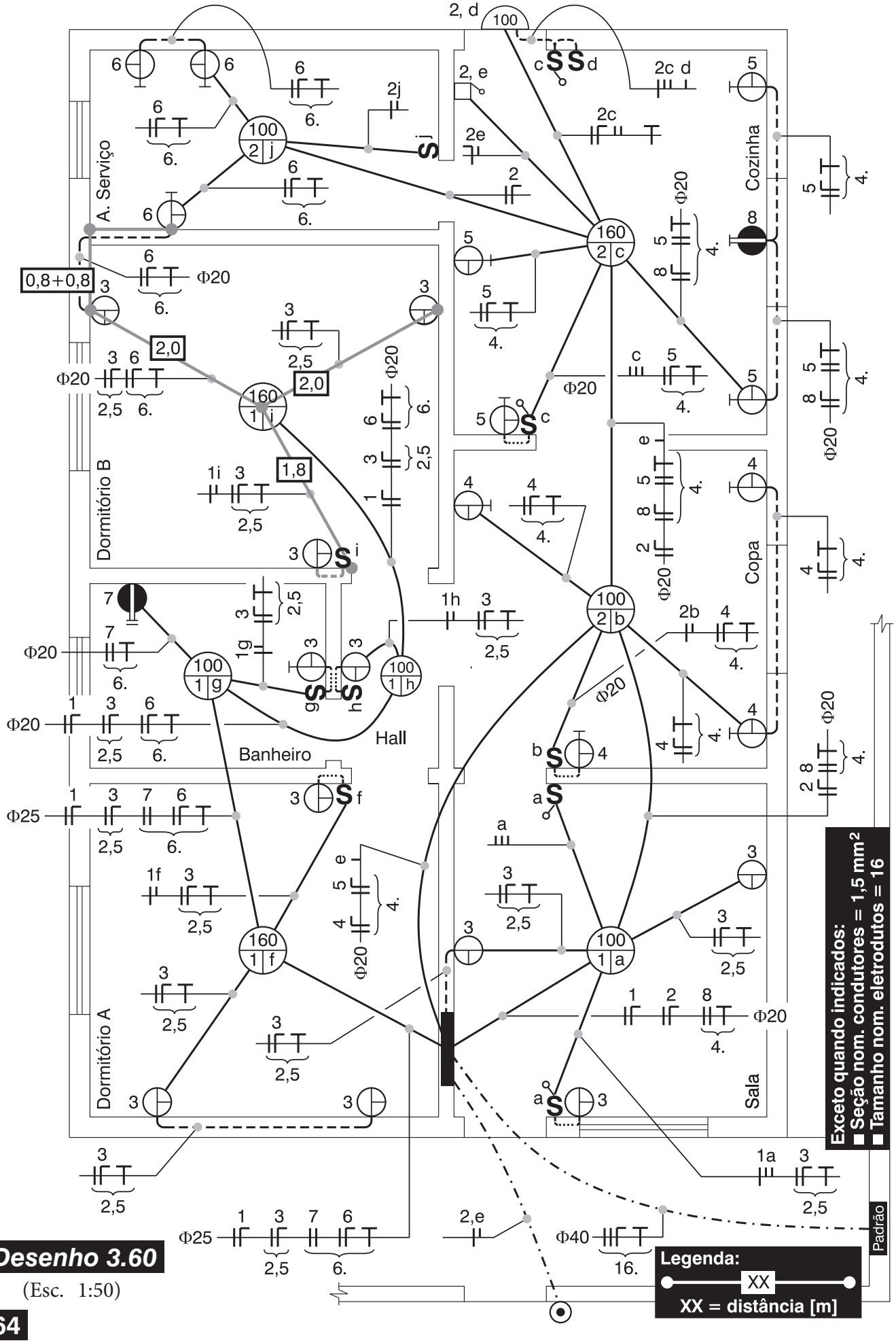
Desenho 3.58

(Esc. 1:50)



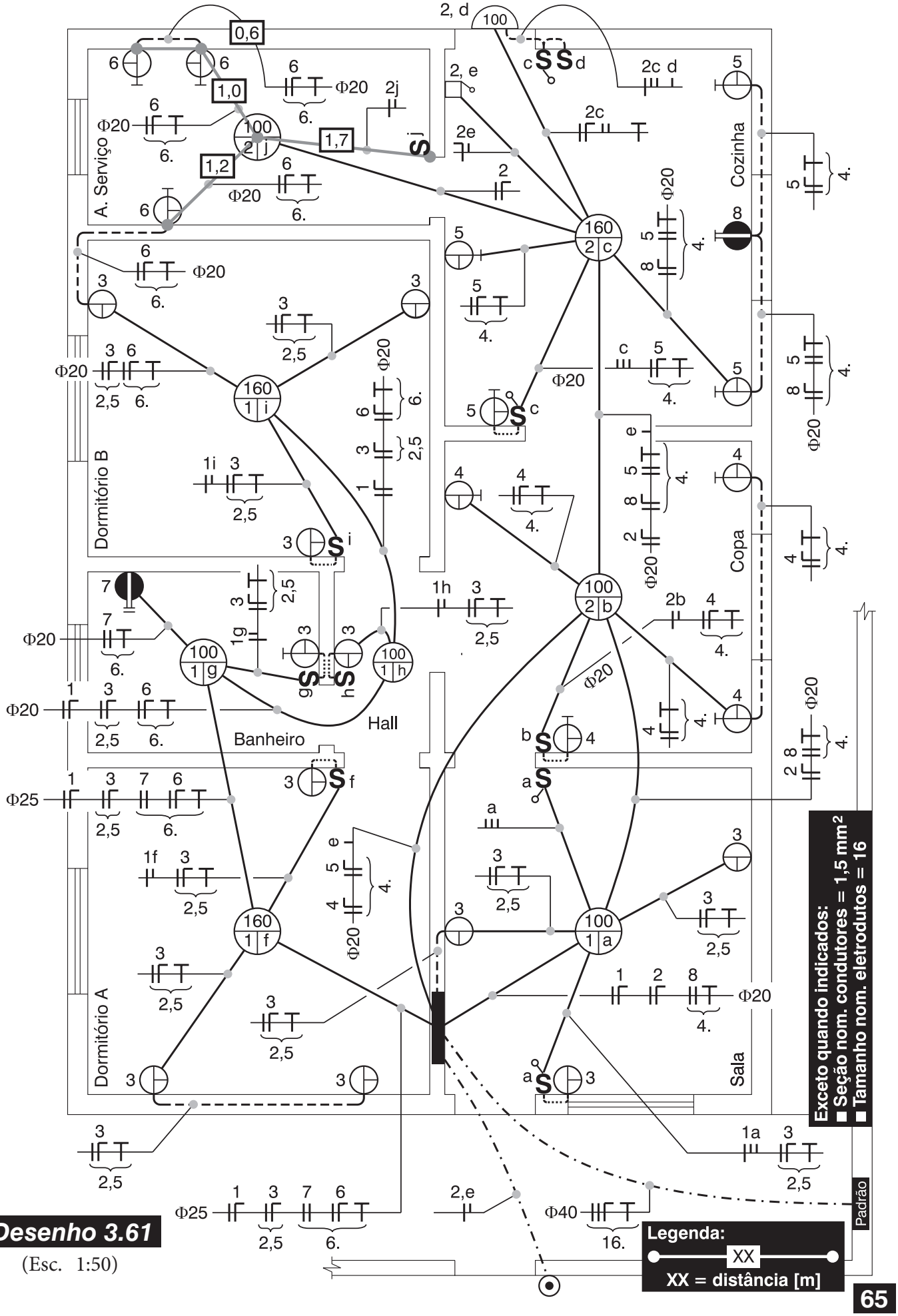
Desenho 3.59

(Esc. 1:50)



Desenho 3.60

(Esc. 1:50)



Desenho 3.61

(Esc. 1:50)