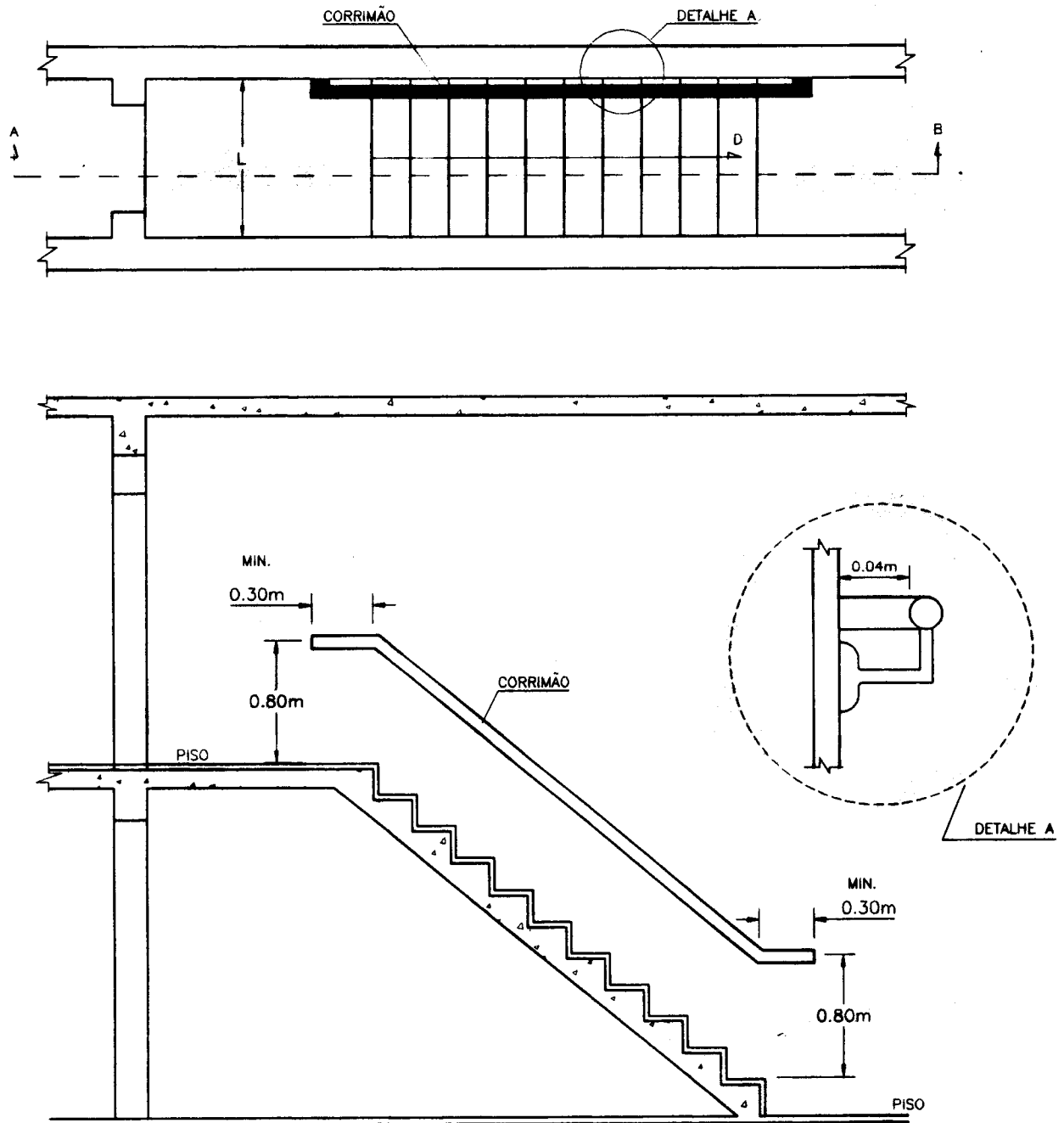


ESCADA – CORRIMÃO



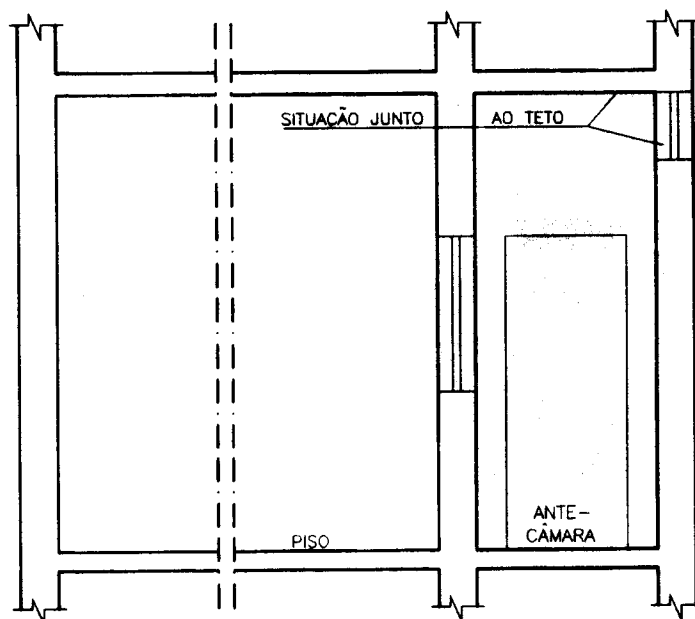
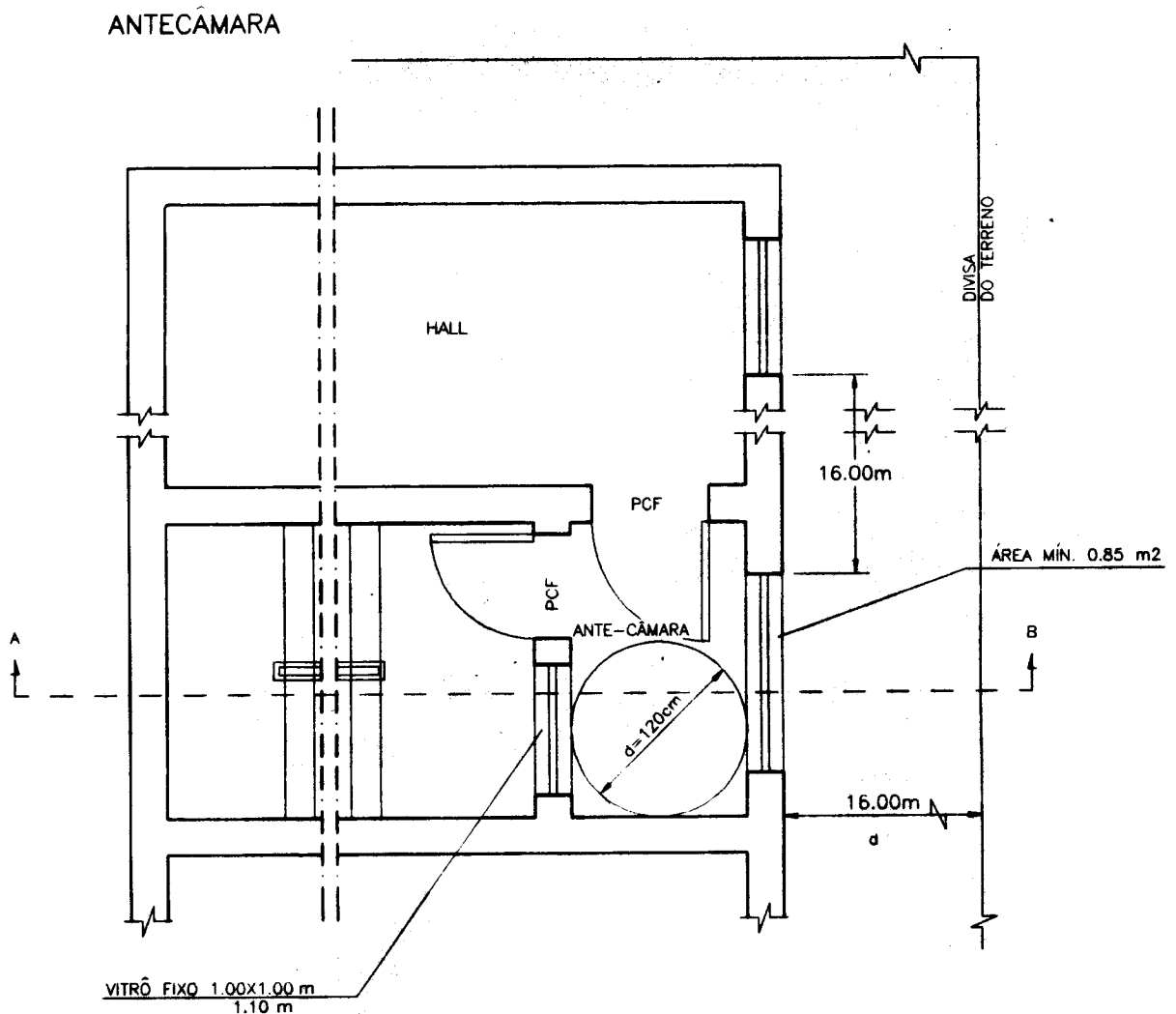
CORTE A-B

CORRIMÃO:– P/ L < 1.20m – APENAS DE UM LADO

P/ L ≥ 1.20m – DOS DOIS LADOS

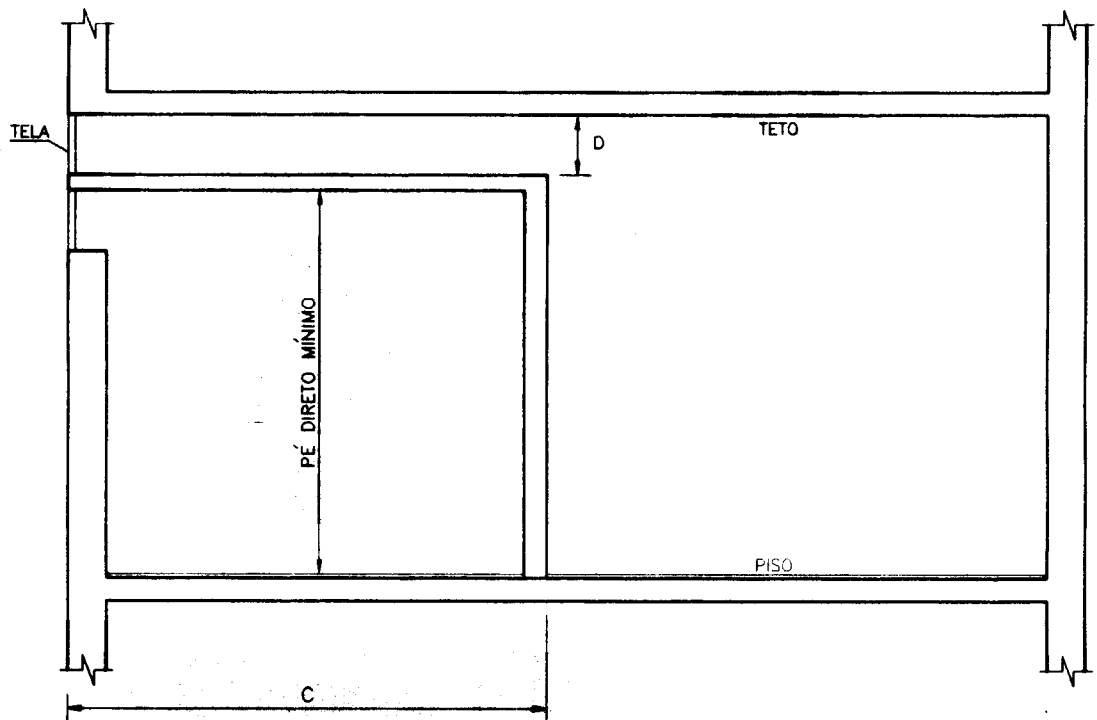
P/ L > 2.40m – INTERMEDIÁRIO

ANTE-CÂMARA - VENTILAÇÃO



CORTE A-B

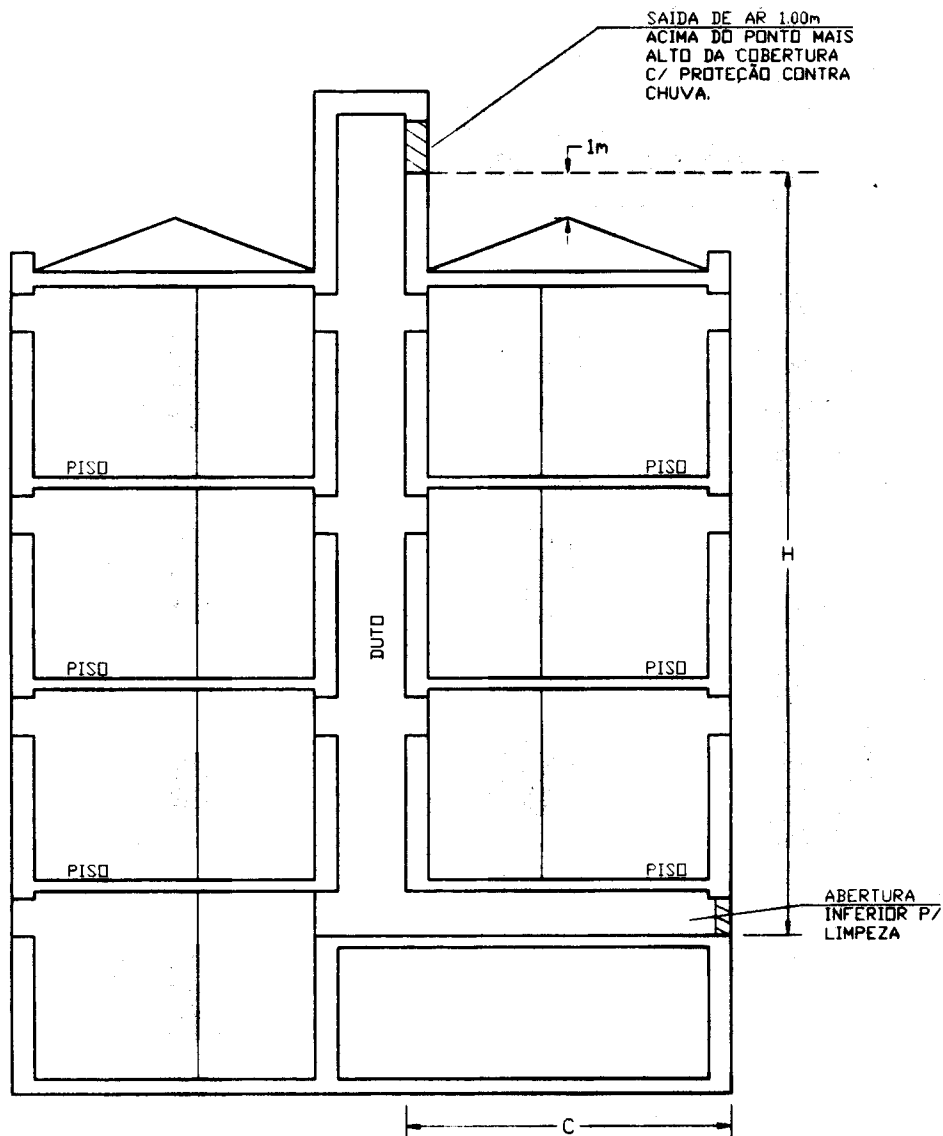
DUTO DE VENTILAÇÃO INDIRETA



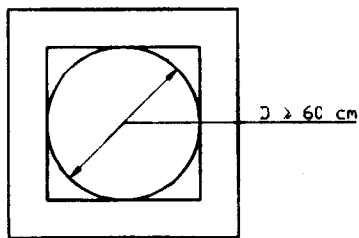
ABERTURA COMUNICANDO COM ESPACO EXTERNO,
CORREDOR OU LOGRADOURO

SEÇÃO $A \geq 0.40 \text{ m}^2$
 $D_{\text{mínimo}} = 0.40 \text{ m}$
 $C \leq 4.00 \text{ m}$

VENTILACÃO POR CHAMINE DE TIRAGEM



SEÇÃO TRANSVERSAL
DUTO



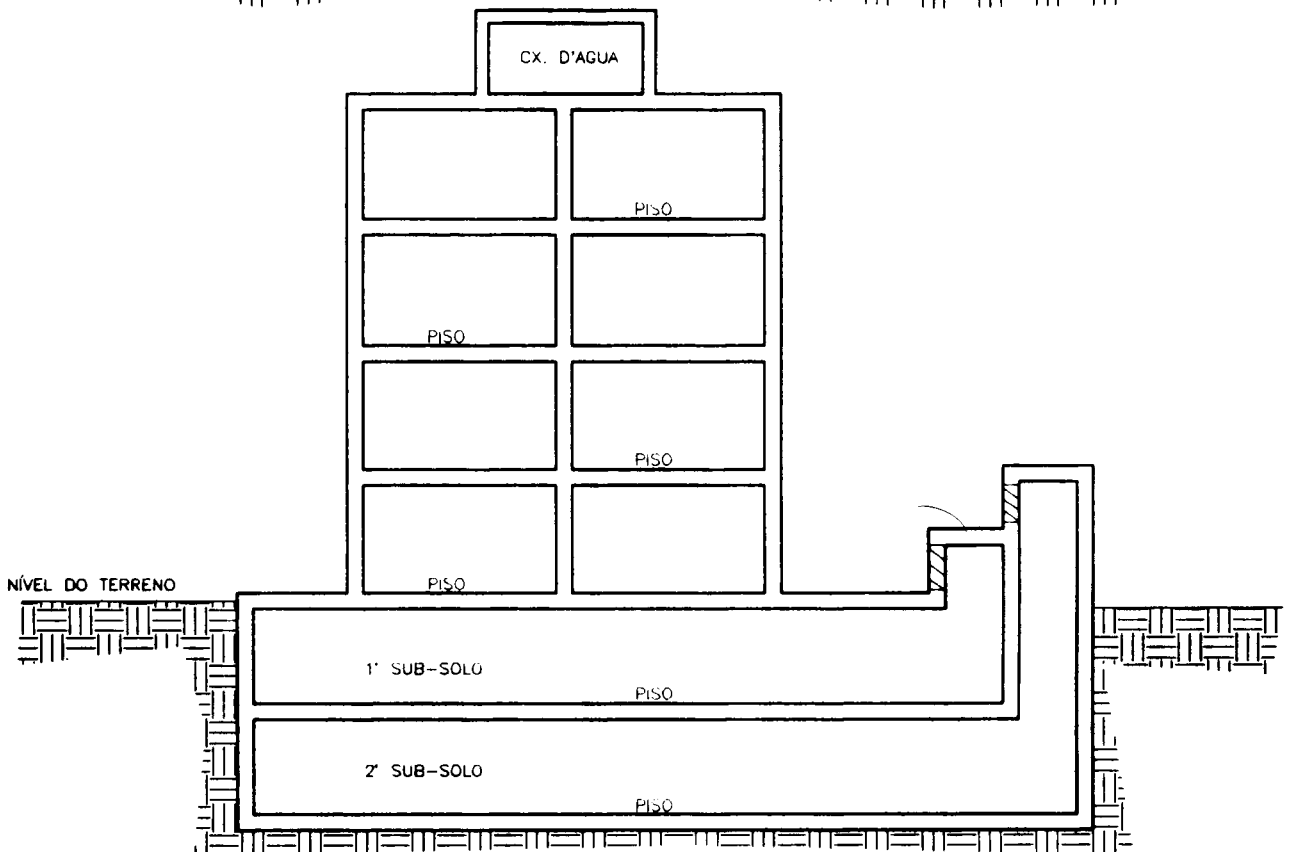
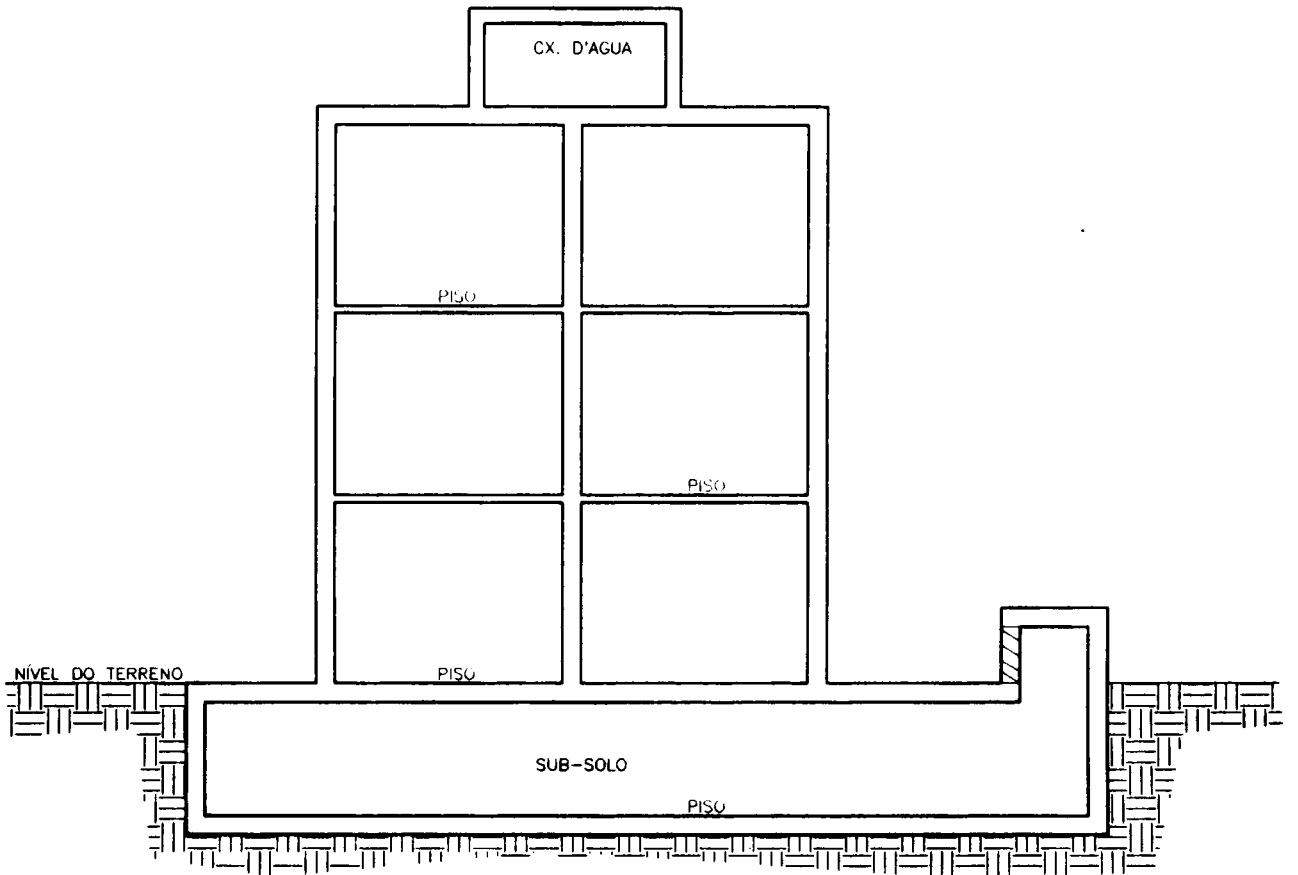
DET. A

H = ALTURA DA CHAMINÉ
C < 4.00 m

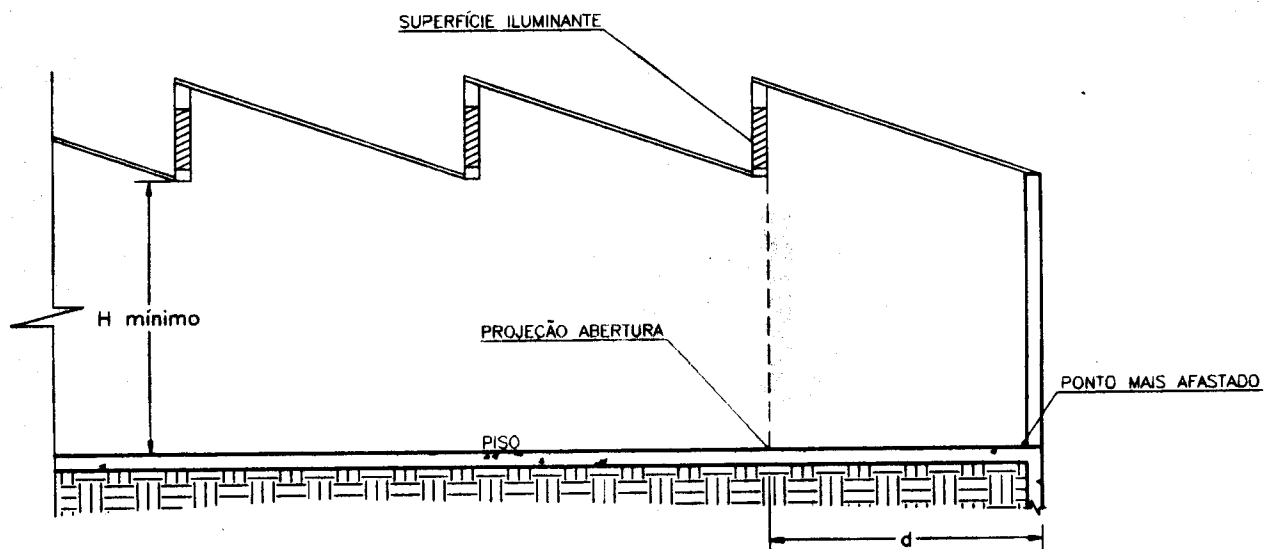
A < 6 cm²/m
de altura

DESENHO N°13

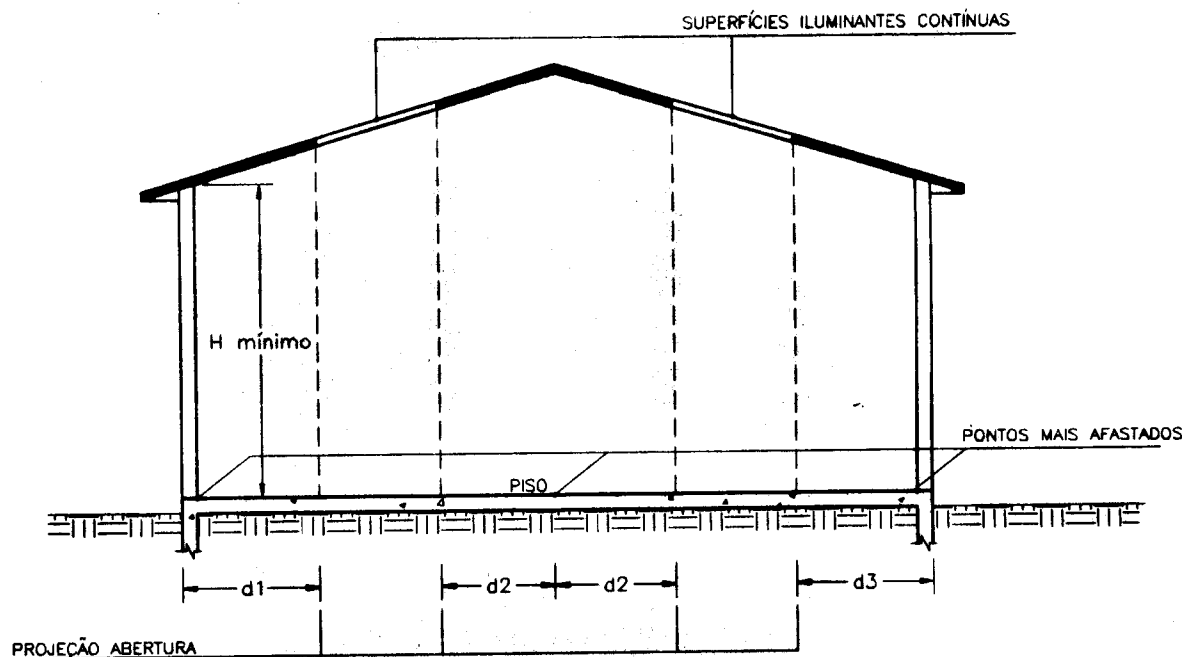
VENTILACAO DE SUB-SOLO



ABERTURAS ZENITAIS



EXEMPLO 1-SHED- condição: $d < H$ mínimo



EXEMPLO 2 coberturas com faixas transparentes
condição: para qualquer $d: \leq H$ mínimo