

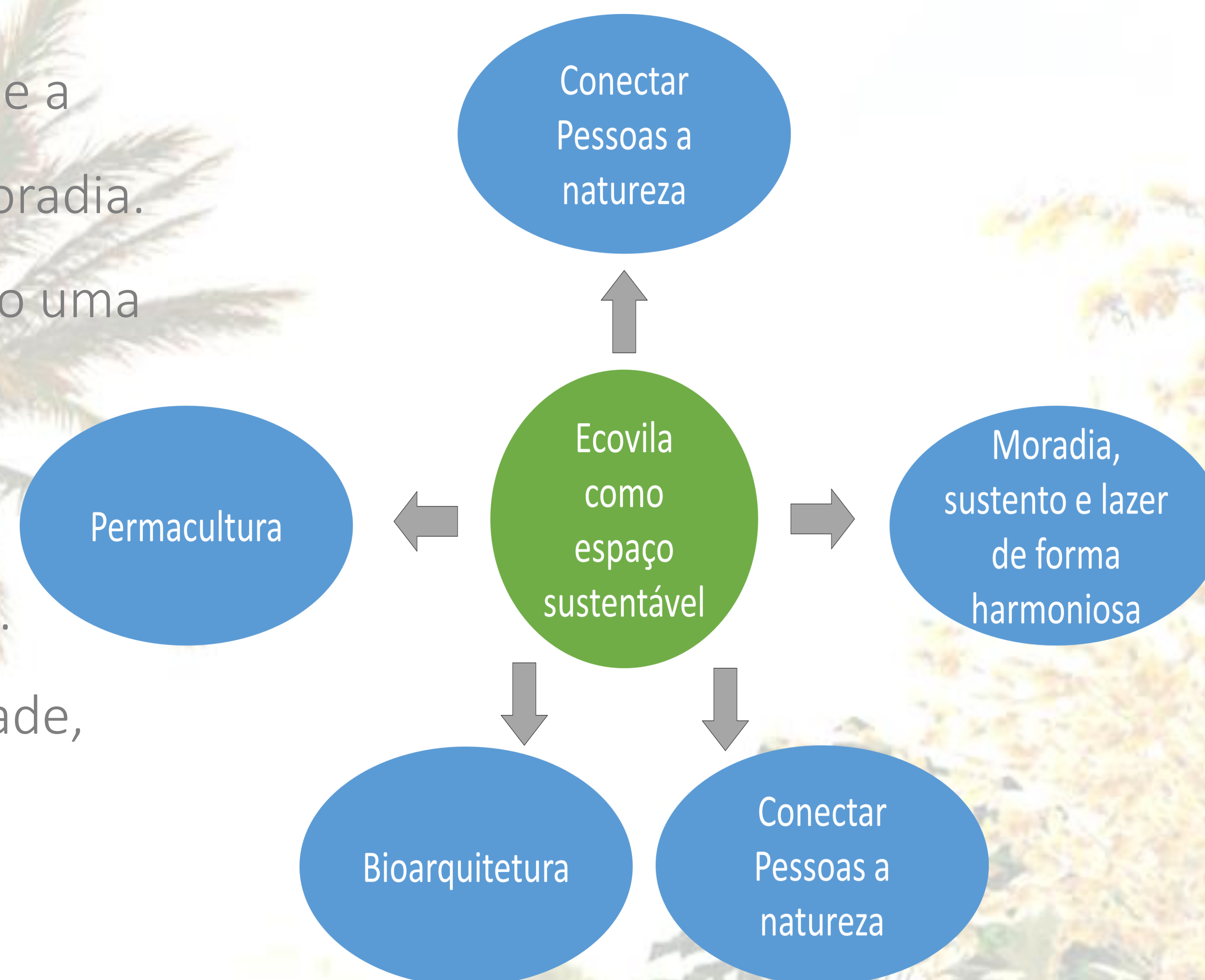
ECOVILA: PERMACULTURA E BIOARQUITETURA EM VARGINHA

Lorena Lima Araújo Corcetti

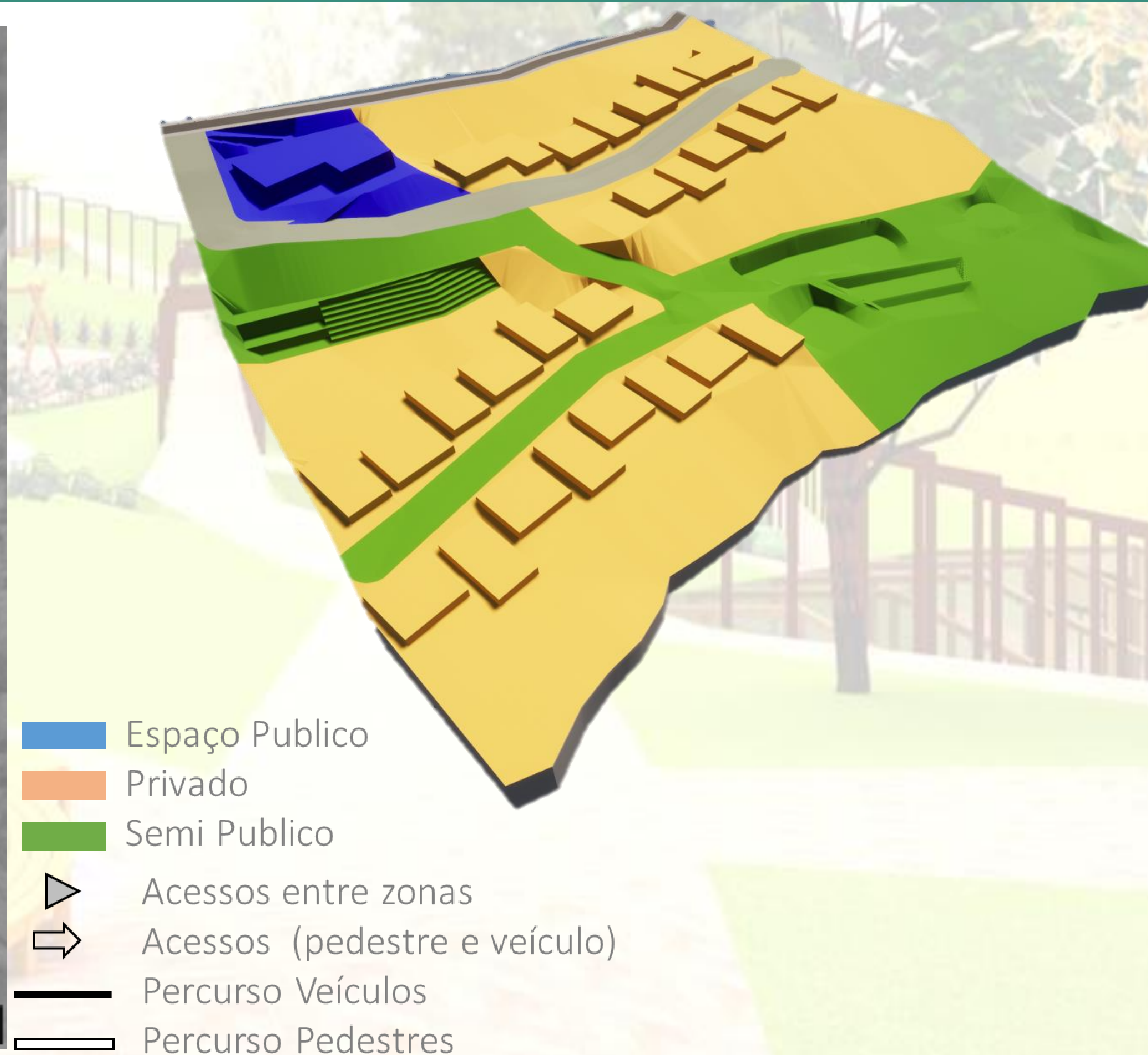


CONCEITO

- ✿ Projeto sustentável, holístico e tecnológico, visto que a ecovila por si só transcende o simples espaço de moradia.
- ✿ Catalizador simbólico a sustentabilidade, Elaborando uma comunidade sustentável com contato direto com a natureza.
- ✿ Projeto que norteie Bioarquitetura e a permacultura.
- ✿ Projeto que tenha diversidade, resiliência, estabilidade, moradia e alimentação de forma harmoniosa.

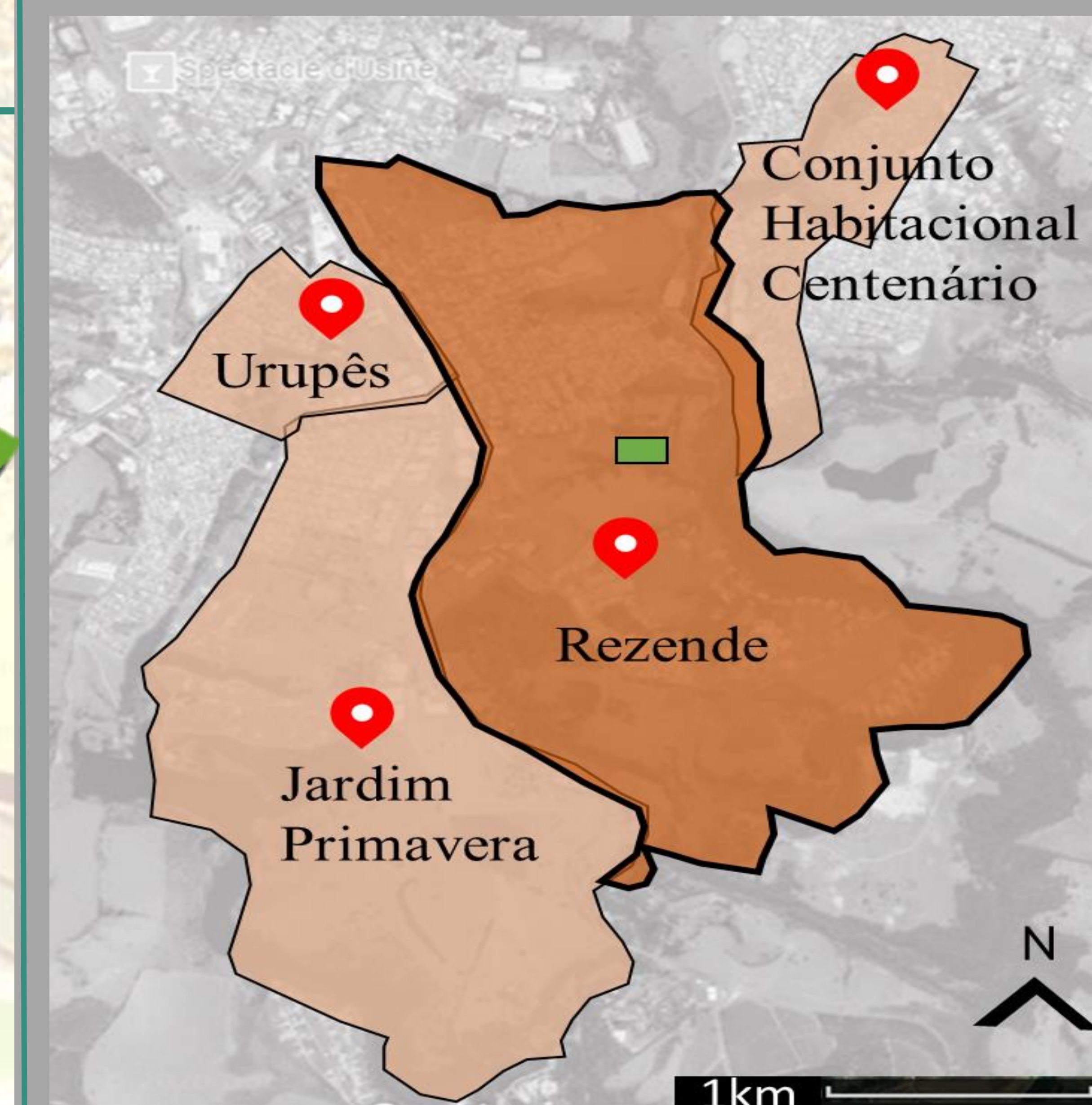


SETORIZAÇÃO



- Espaço Público
- Privado
- Semi Público
- ▷ Acessos entre zonas
- ⇨ Acessos (pedestre e veículo)
- Percurso Veículos
- Percurso Pedestres

DELIMITAÇÃO DA ÁREA DE INFLUÊNCIA





Centro de Treinamento/ Comercio/
Administrativo/ Estacionamento

Compostagem

Horta

Placas Fotovoltaicas

Estufa

Praça

Bacia de
evapotranspiração

Playground

Centro de Convivência

Banheiro Seco

Quadra de Vôlei

Implantação Humanizada
ESC: 1/400

Arquitetura e Urbanismo	Trabalho de Conclusão de Curso	Lorena Corcetti Orientador: José Edivaldo	Ecovila: Bioarquitetura e Permacultura em Varginha	Projeto 02/25
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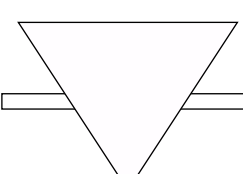



Corte AA - Terreno
 Esc:1/400




Corte BB - Terreno
 Esc:1/400

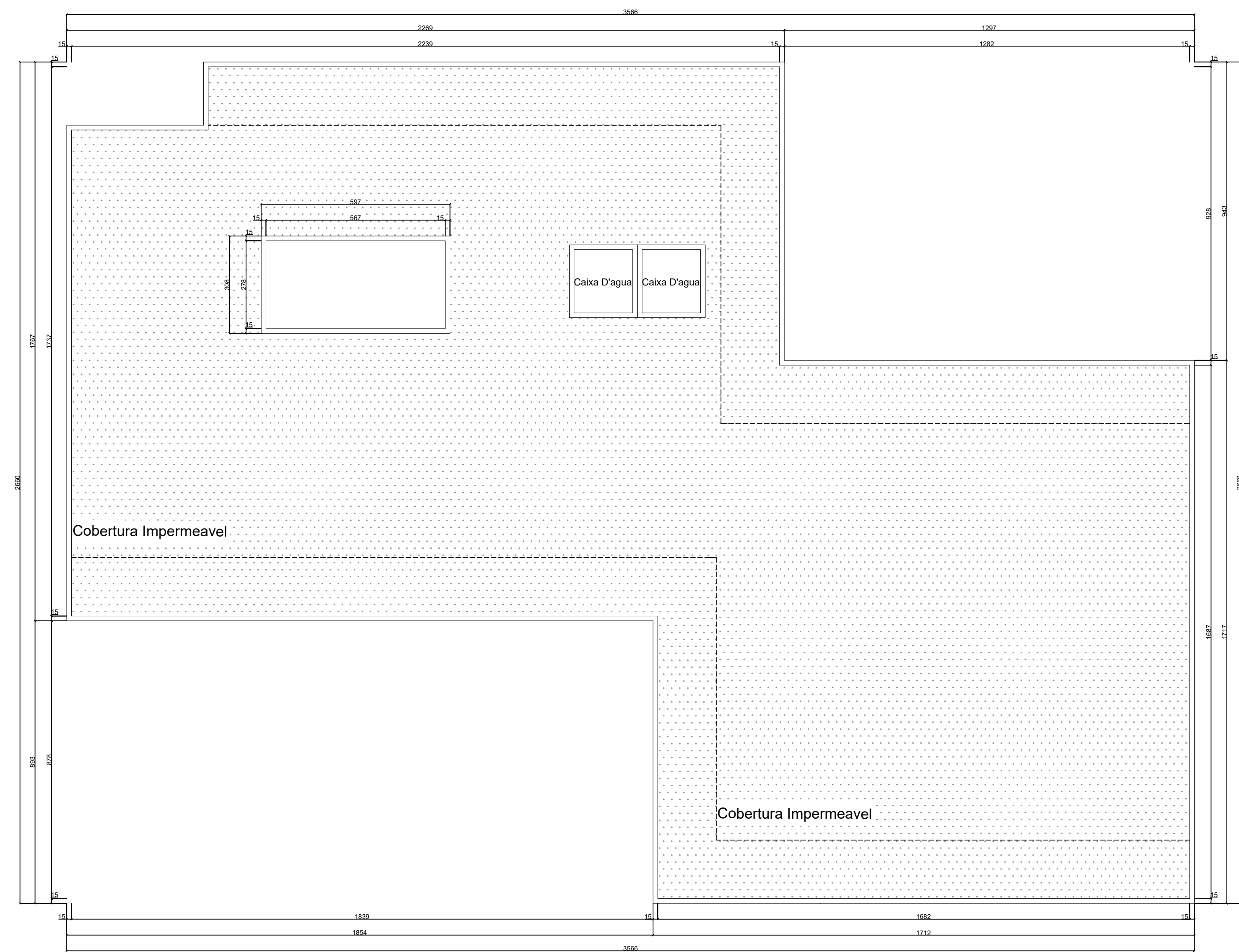



Corte CC - Terreno
 Esc:1/400

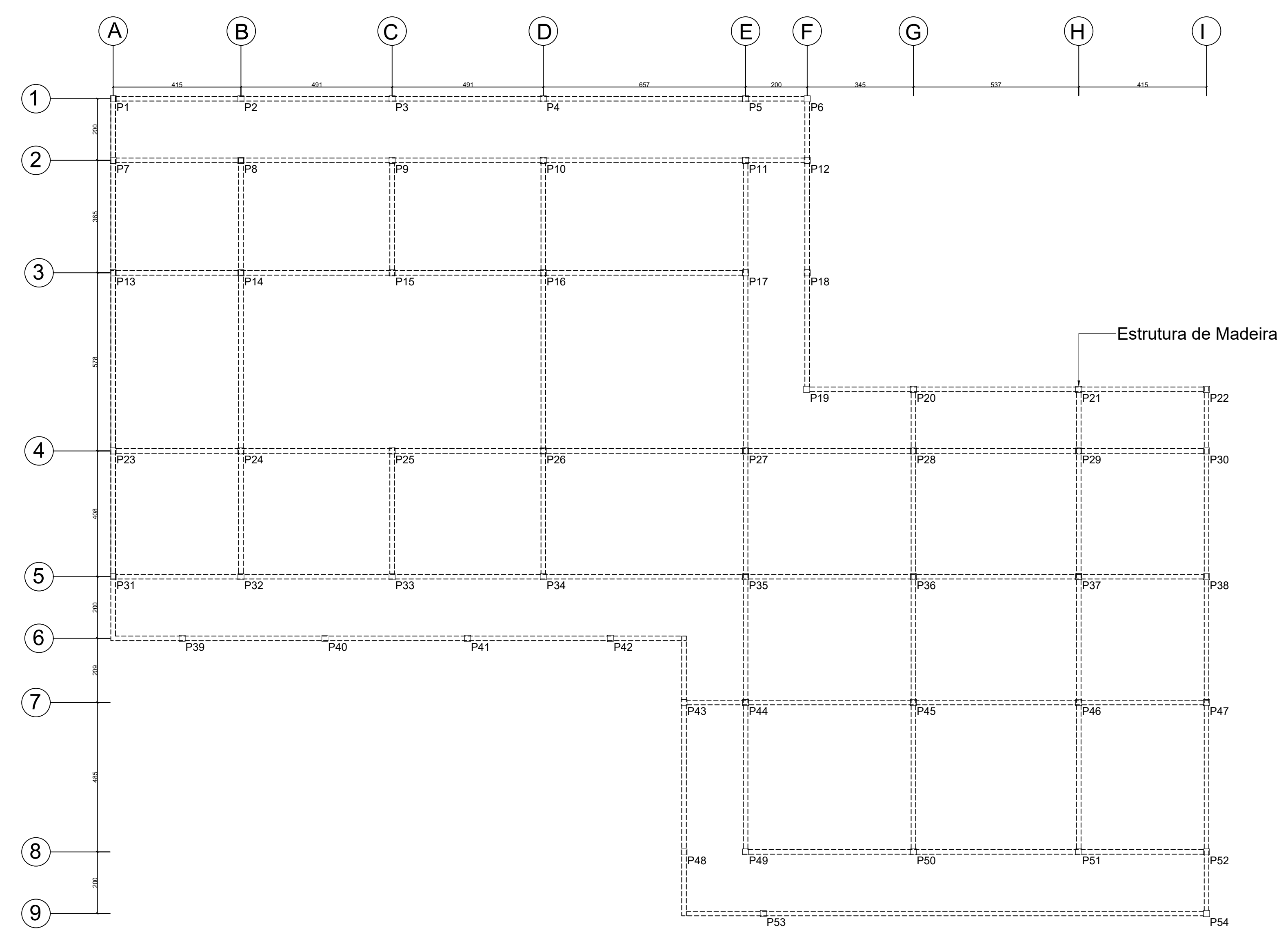



Corte DD - Terreno
 Esc:1/400

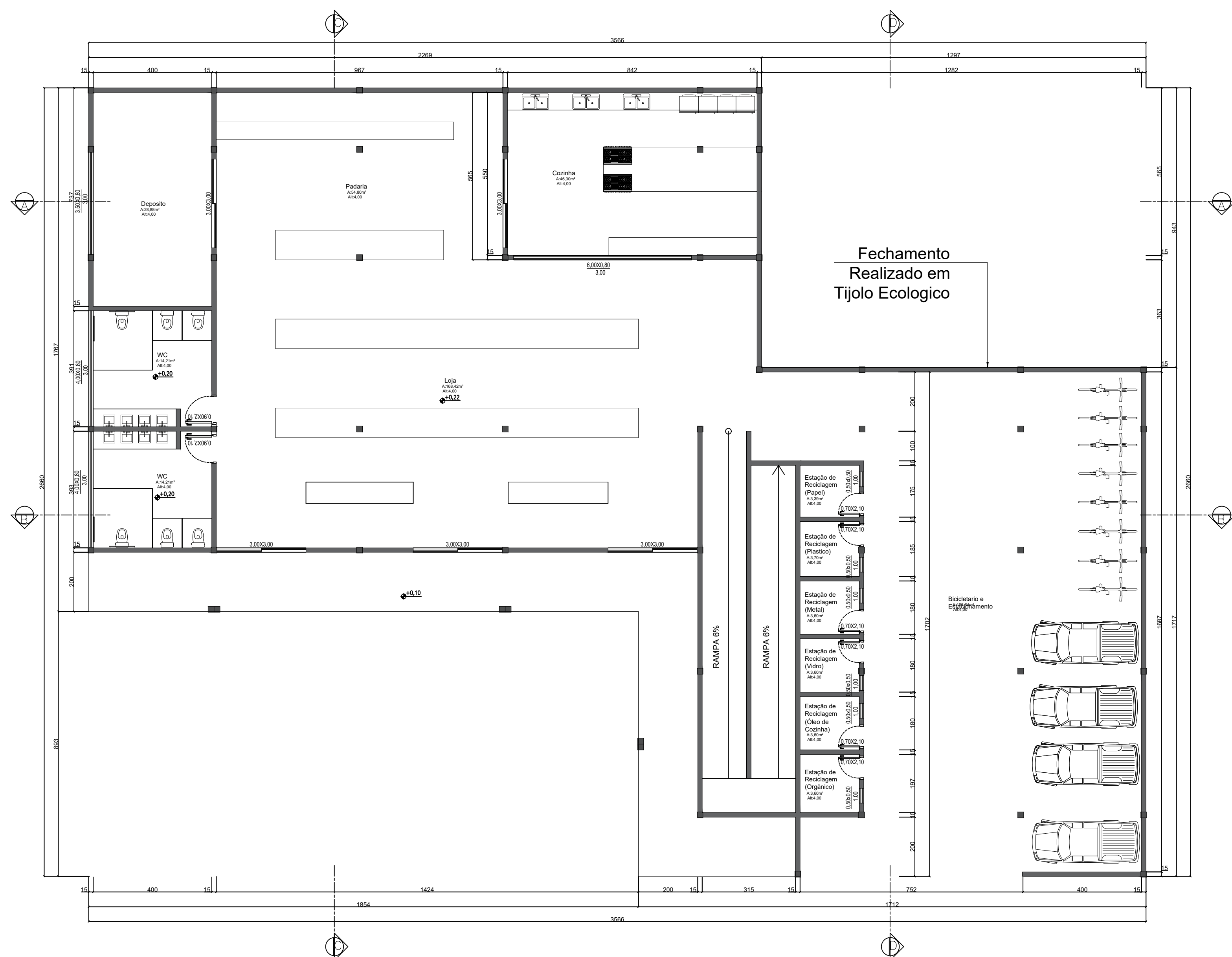
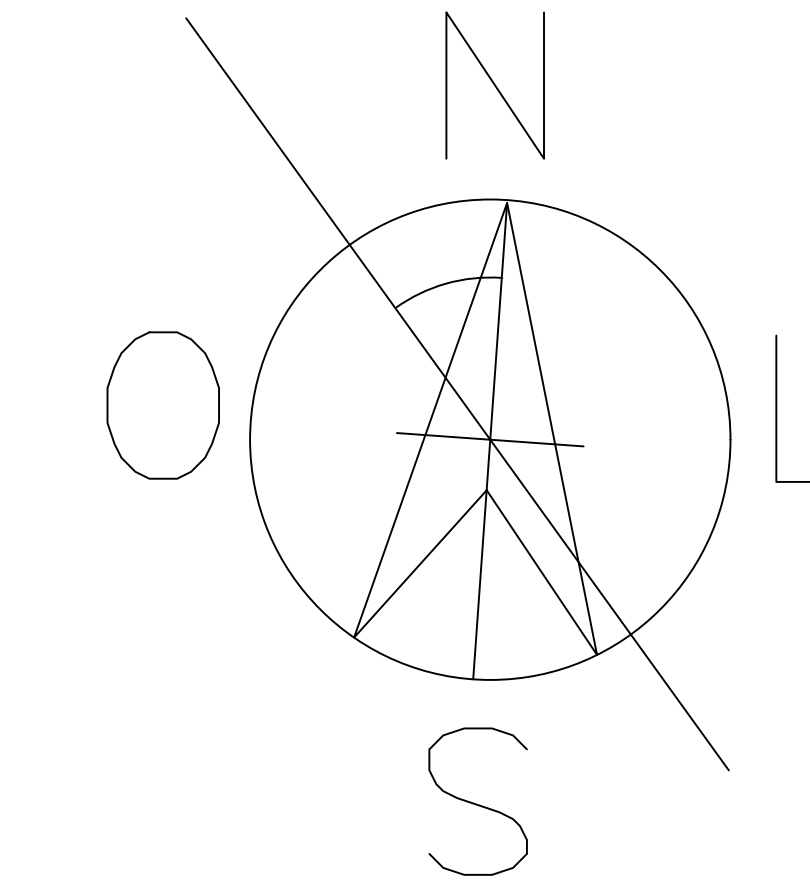
Arquitetura e Urbanismo	Trabalho de conclusão de curso	<i>Lorena Corcetti</i> Orientador: José Edivaldo	Ecovila: bioarquitetura e permacultura em Varginha	Projeto	05/25
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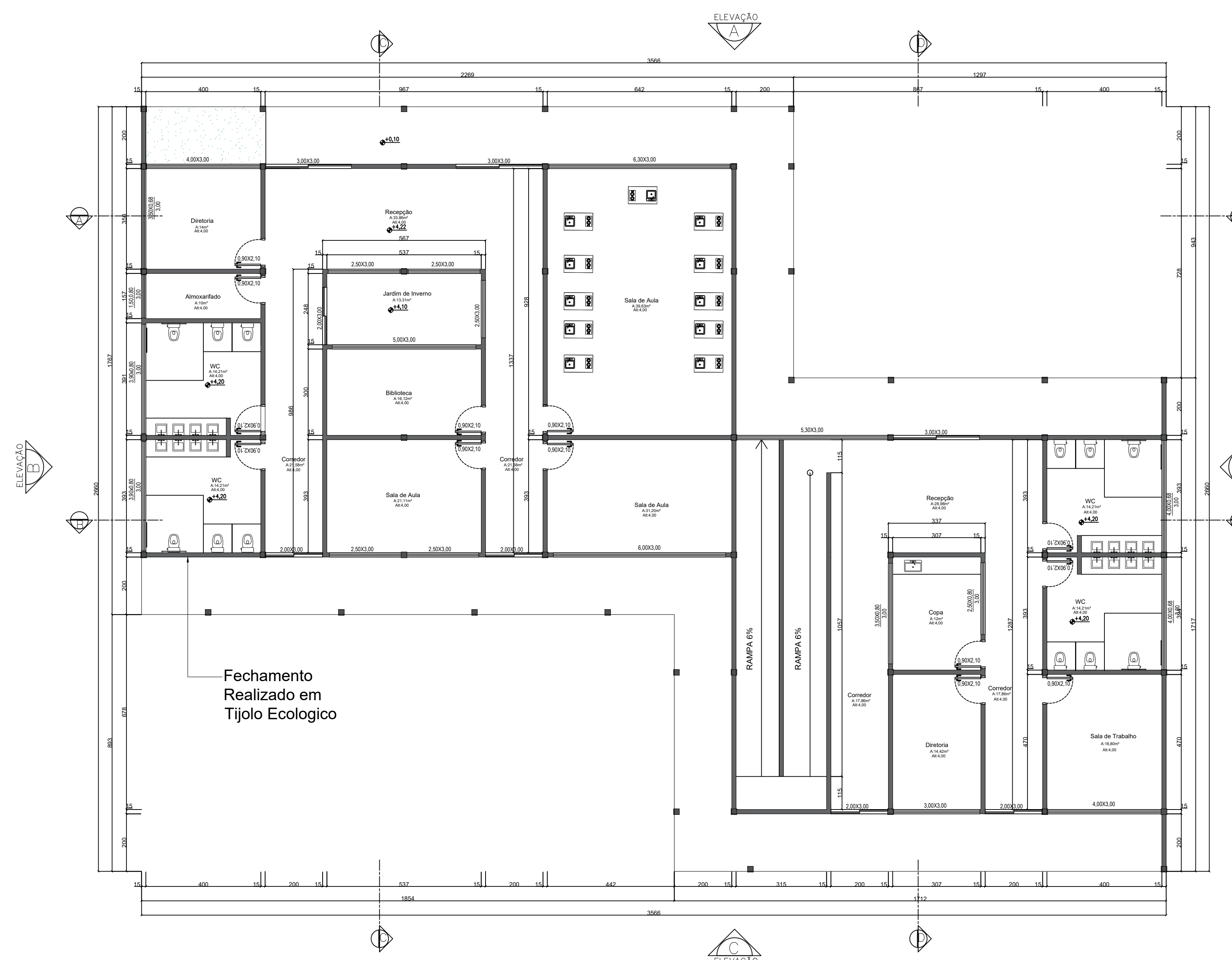
Planta de Cobertura
Esc.: 1/100



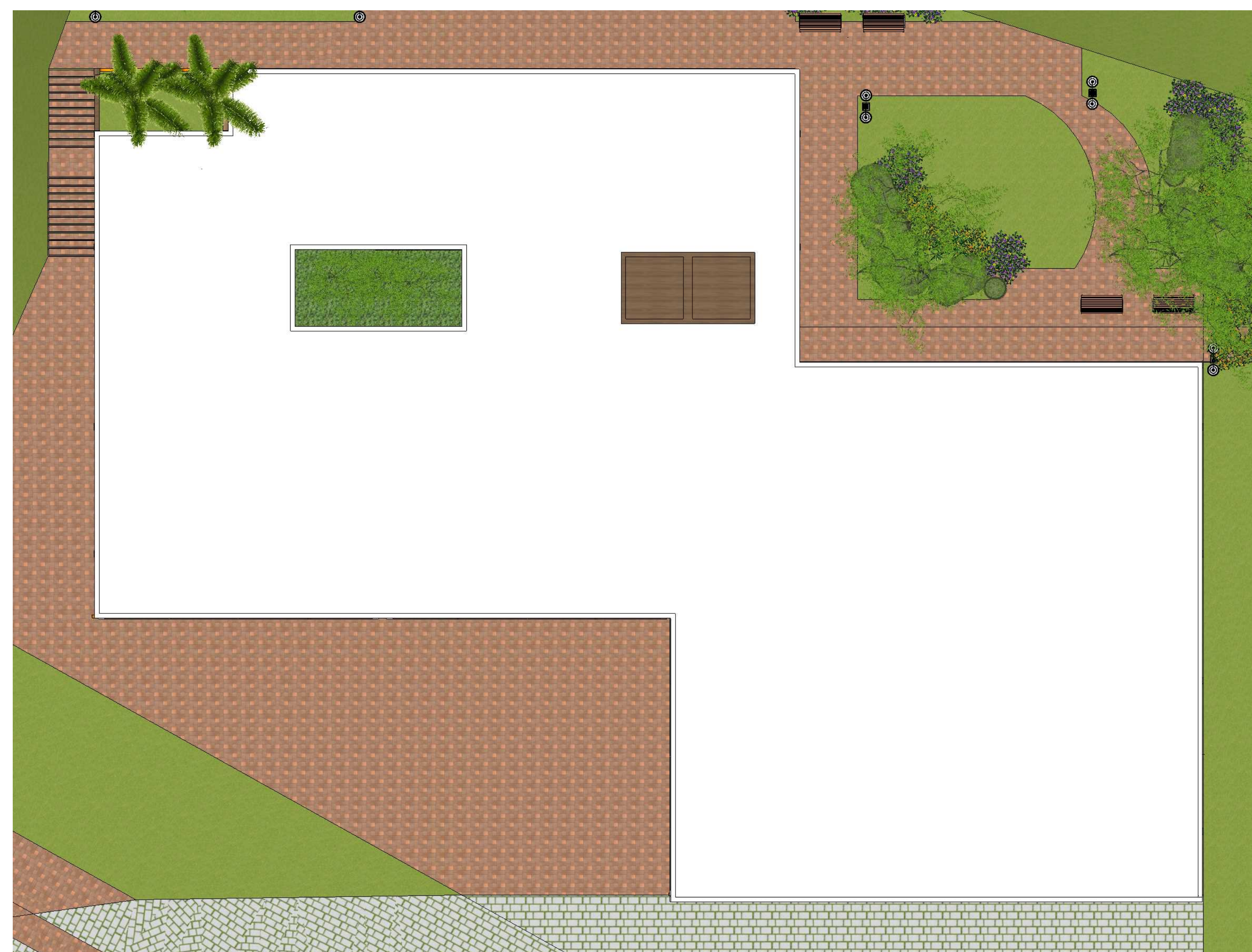
Projeto Estrutural - Centro de Treinamento/ Loja/ Administrativo
Esc.: 1/100



Planta Baixa - Terreo
Esc.: 1/100



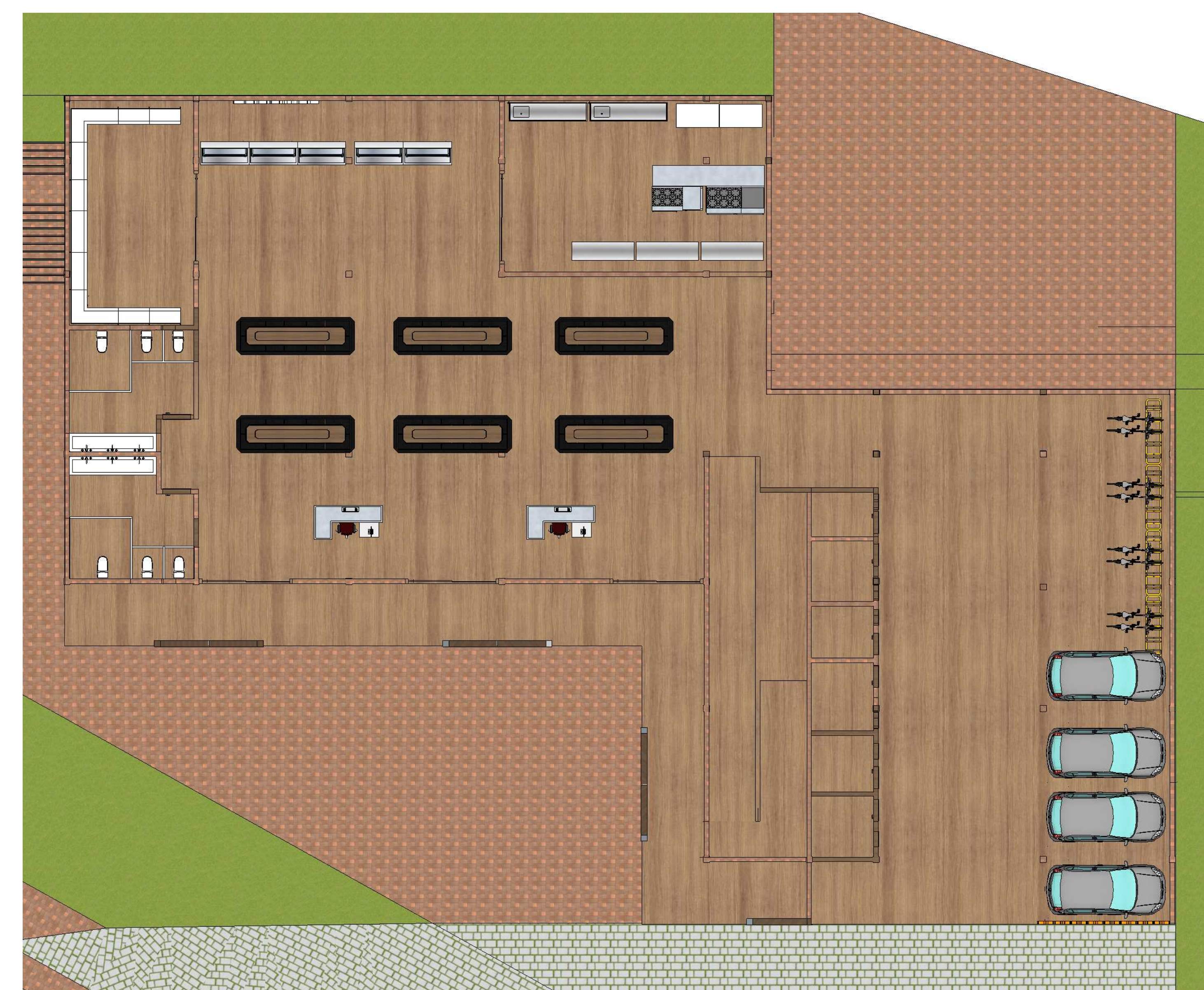
Planta Baixa - Primeiro Pavimento
Esc.: 1/100



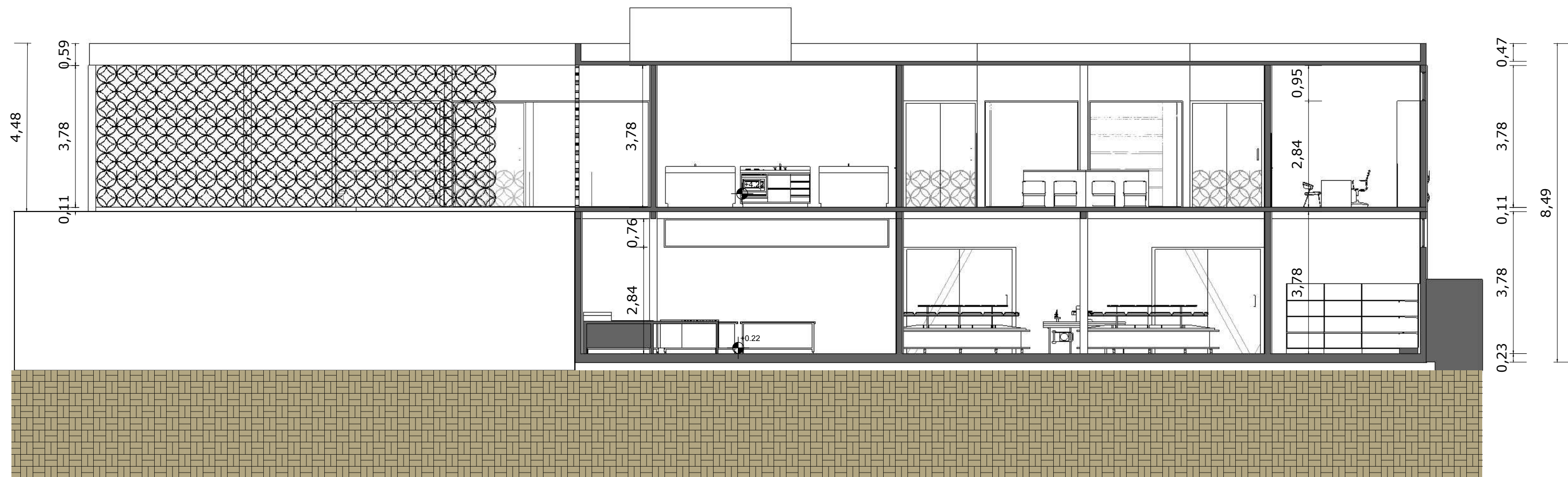

Planta de Cobertura Humanizada
 Esc:1/400



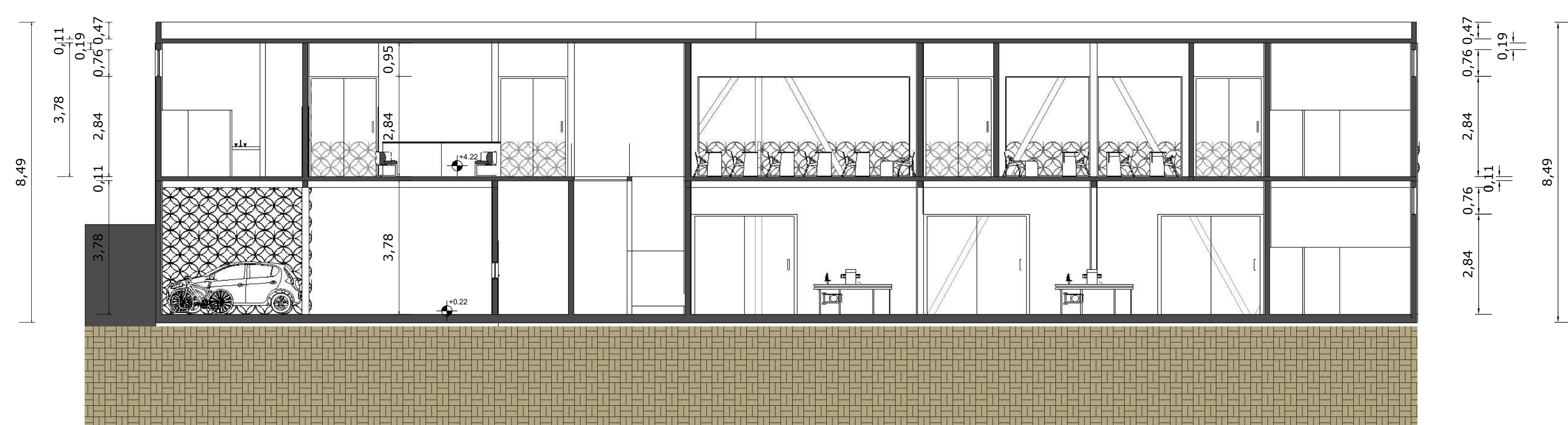

Planta Baixa Humanizada - Primeiro Pavimento
 Esc:1/400



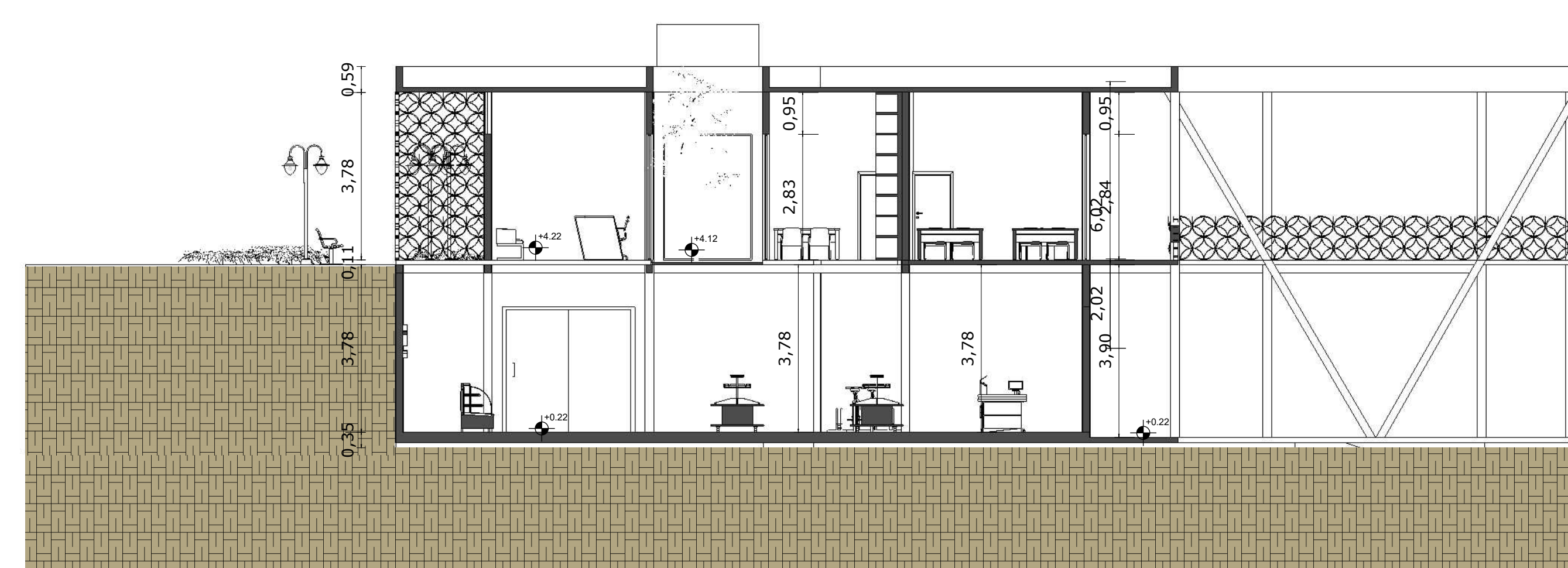

Planta Baixa Humanizada - Terreo
 Esc:1/400



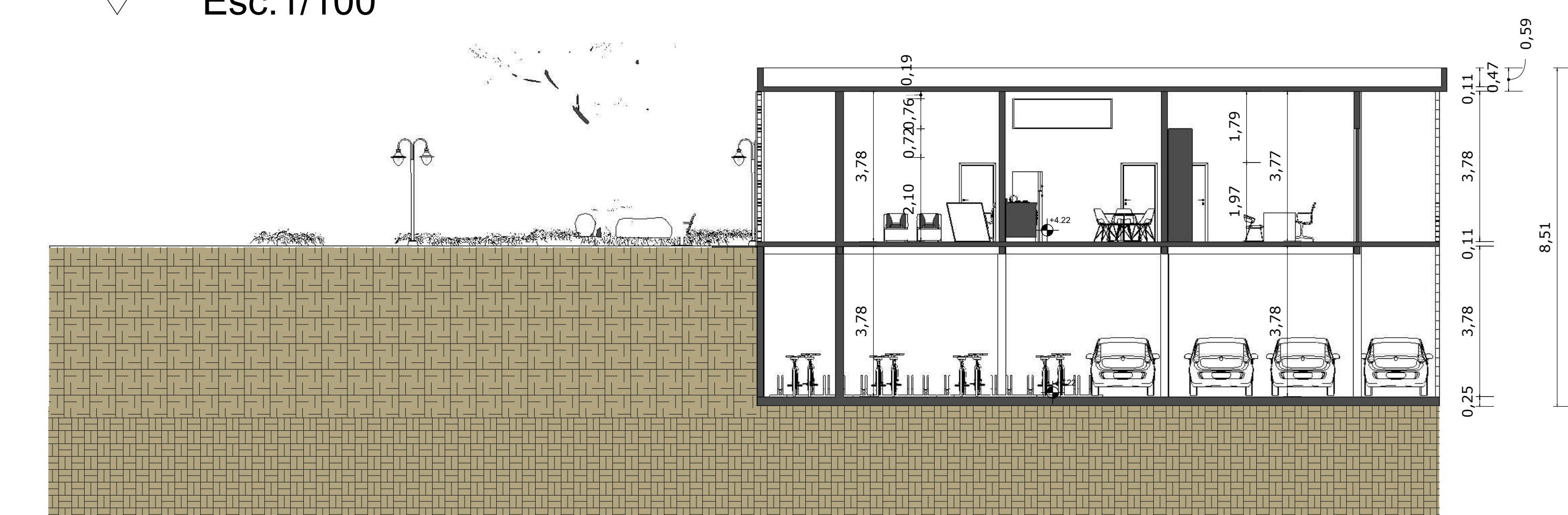
Corte AA
Esc:1/100



Corte BB
Esc:1/100



Corte CC
Esc:1/100



Corte DD
Esc:1/100



Corte AA - Humanizado
Esc:1/100



Corte BB - Humanizado
Esc:1/100



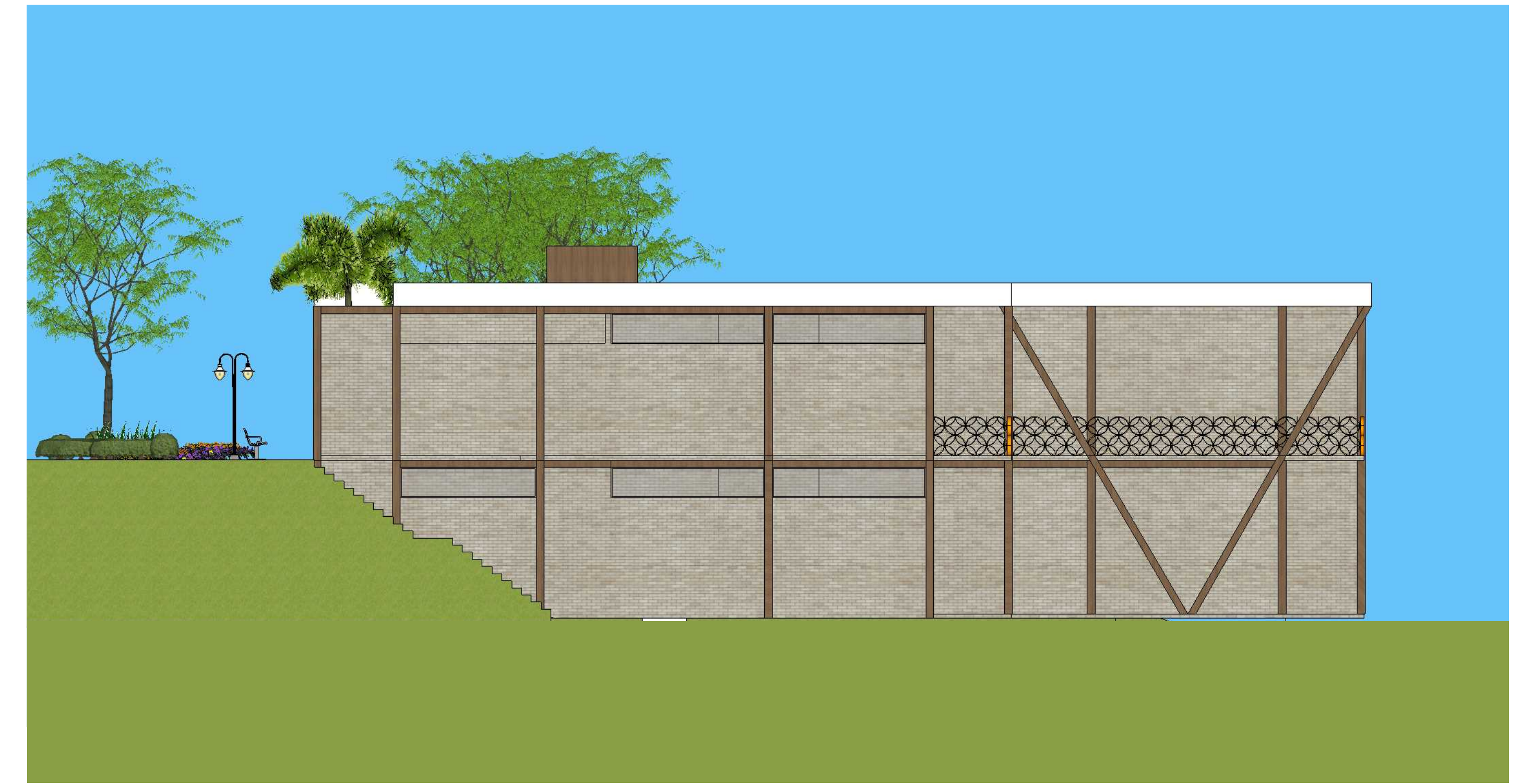
Corte CC - Humanizado
Esc:1/100

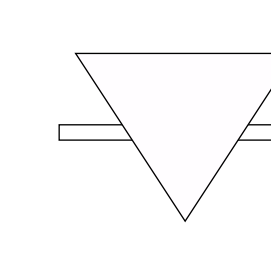


Corte DD - Humanizado
Esc:1/100



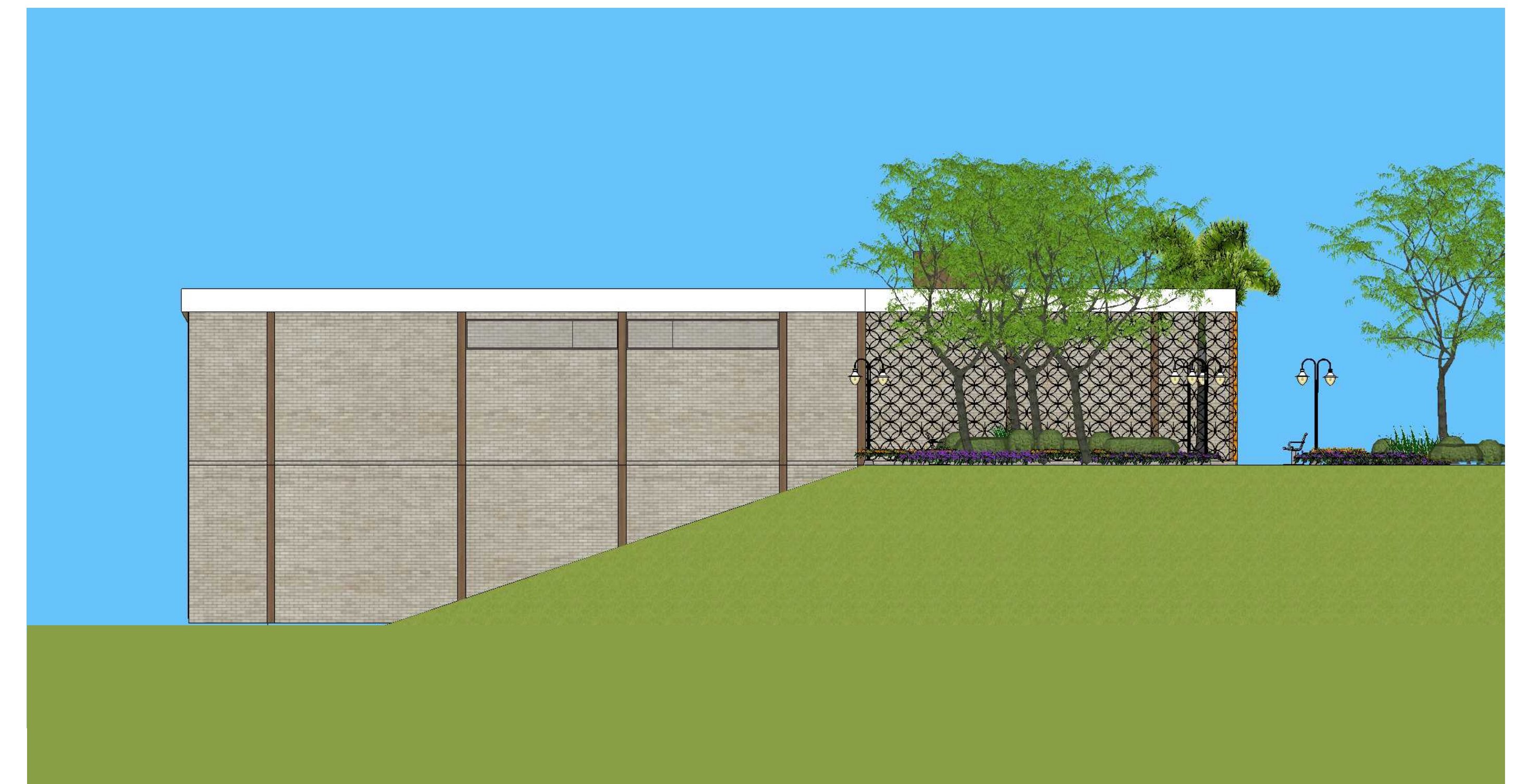

Elevação A
 Esc:1/100



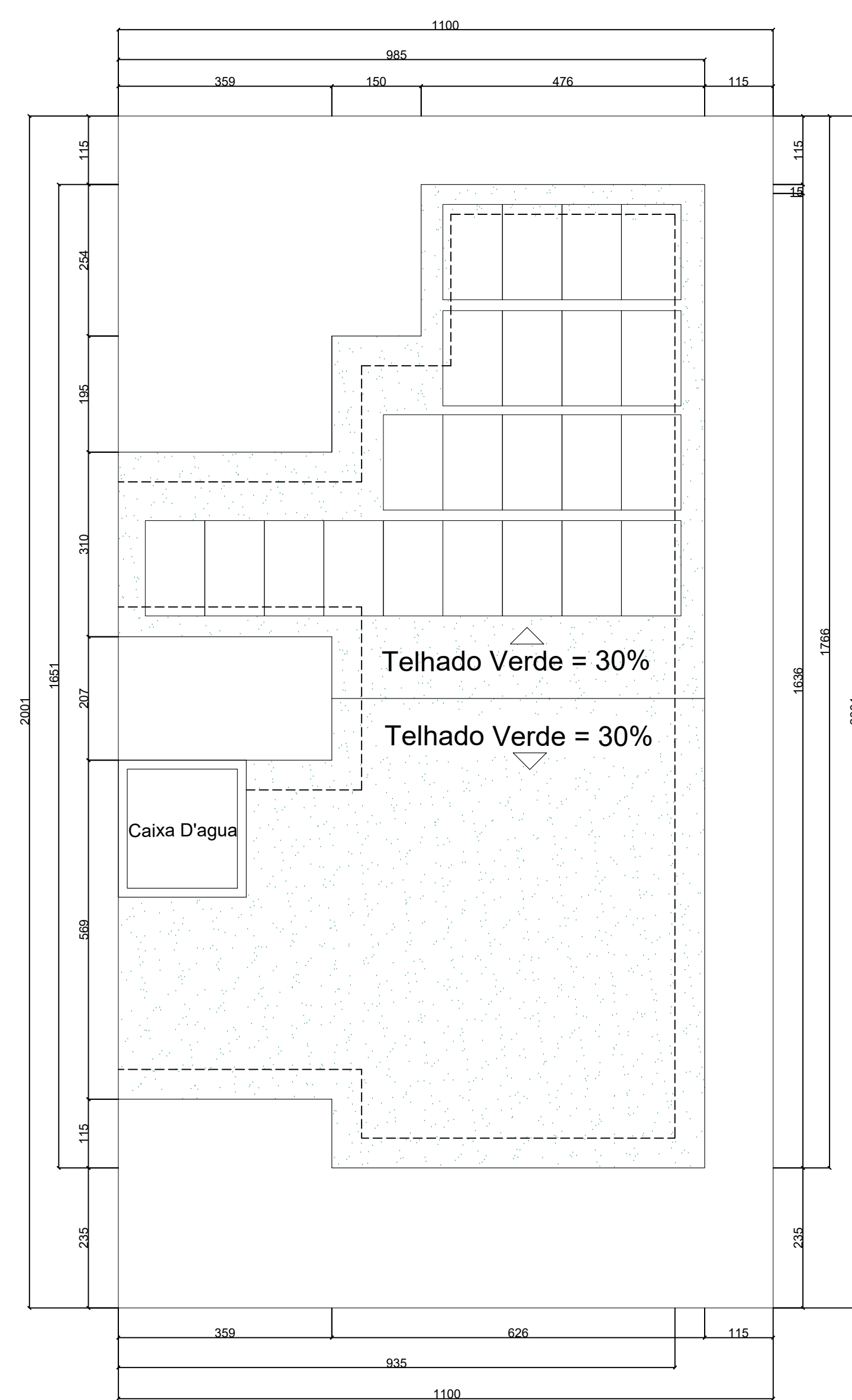

Elevação B
 Esc:1/100



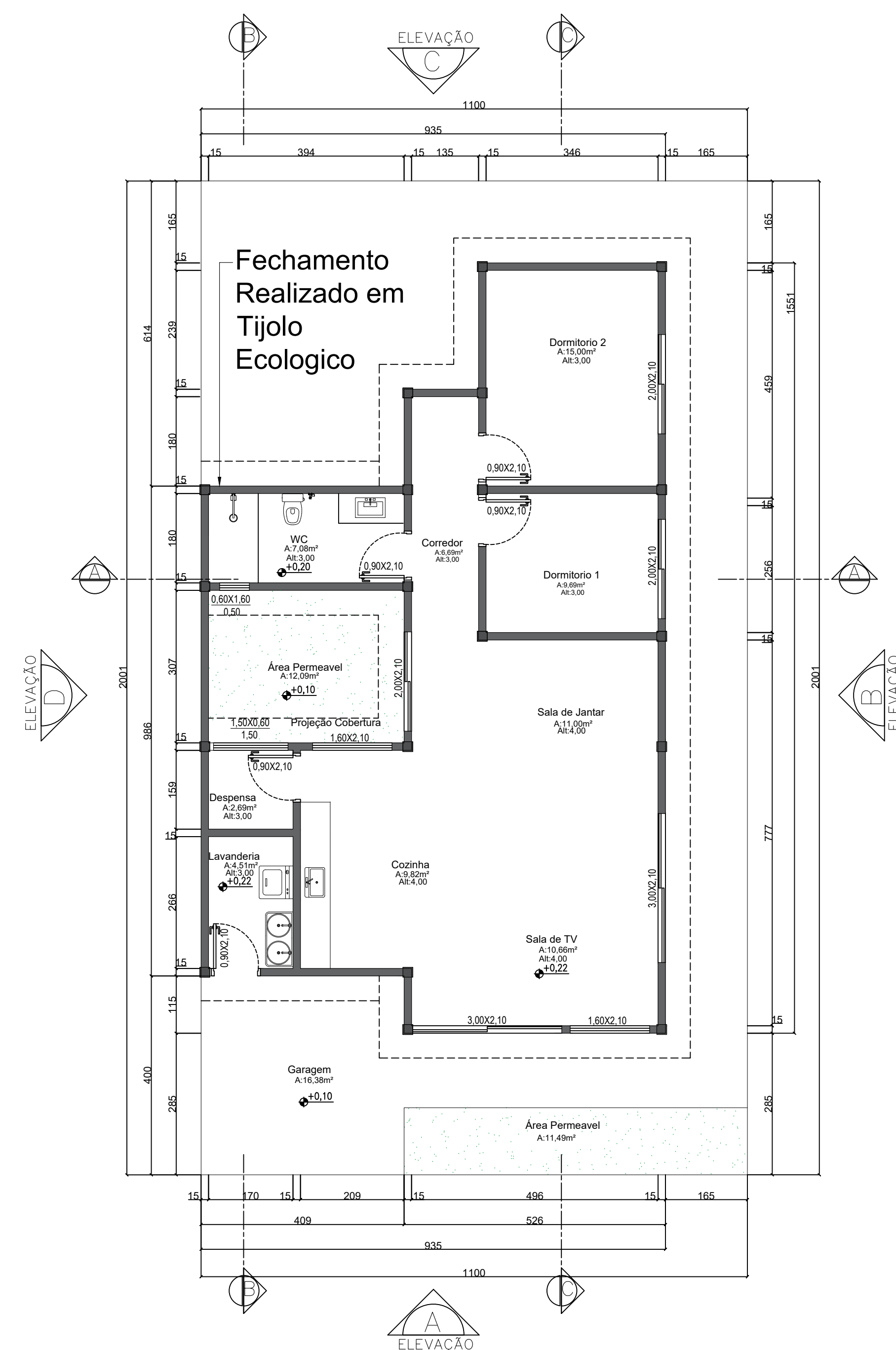

Elevação C
 Esc:1/100



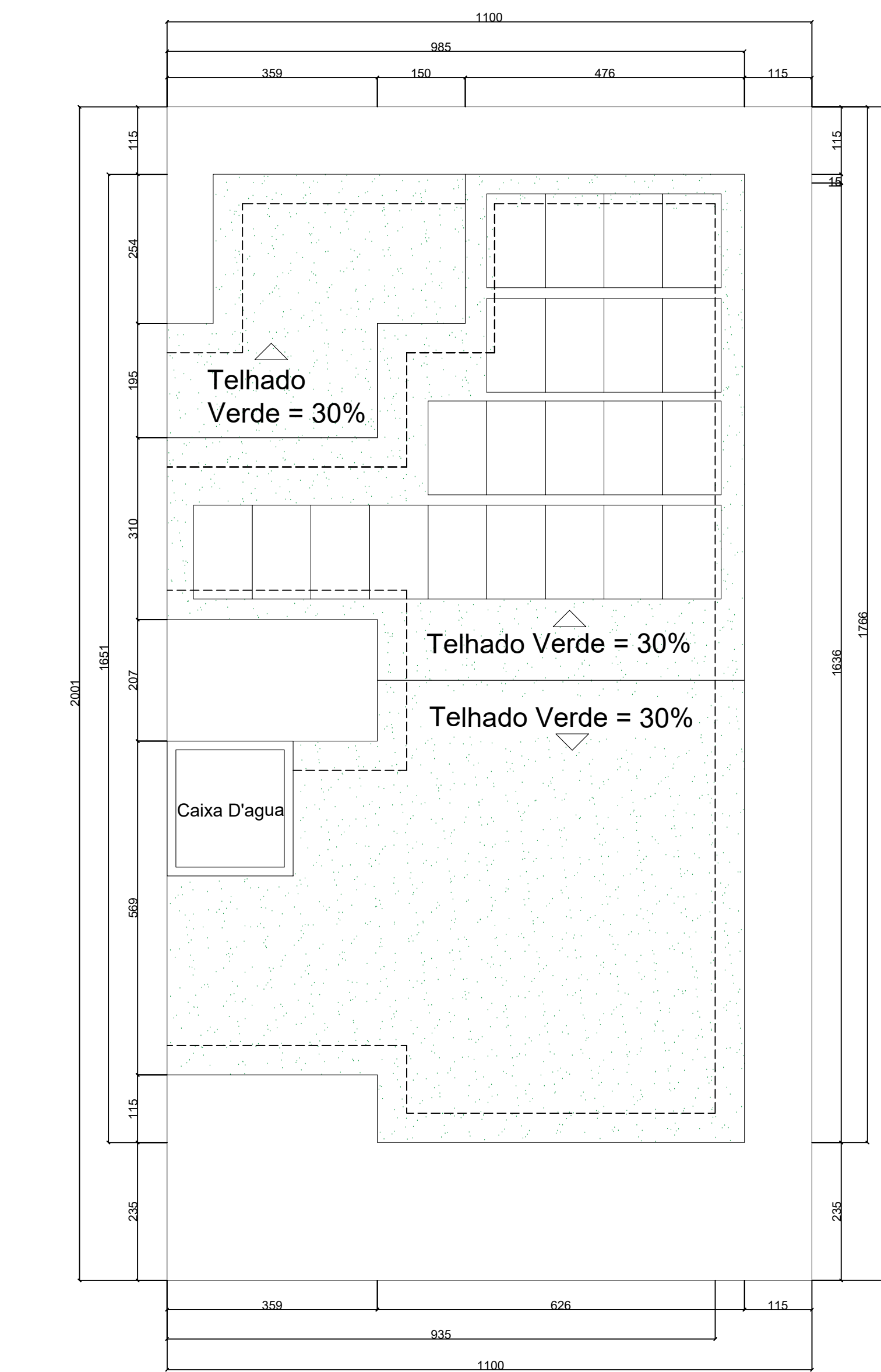

Elevação D
 Esc:1/100



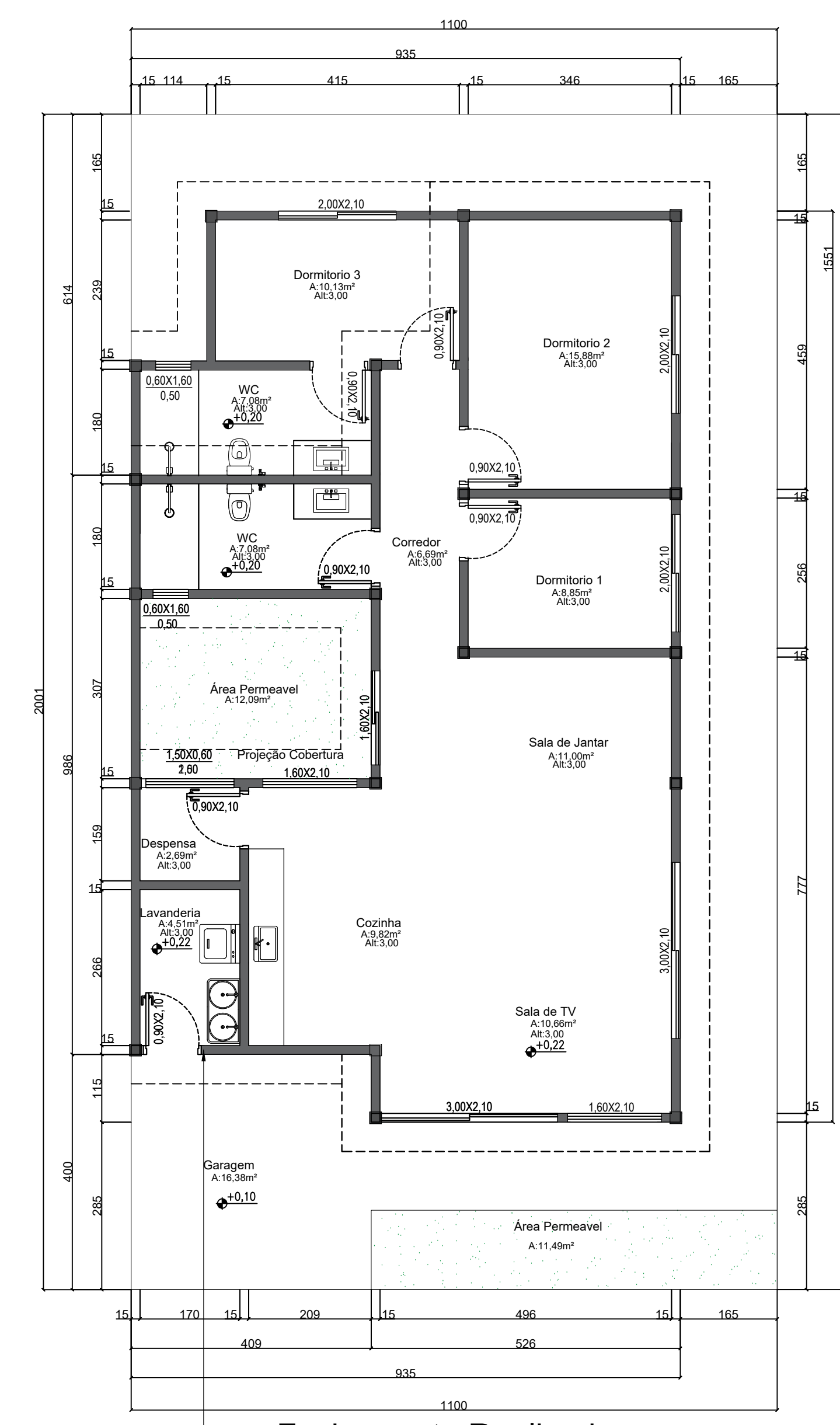
Planta de Cobertura - Casa 1
Esc.: 1/75



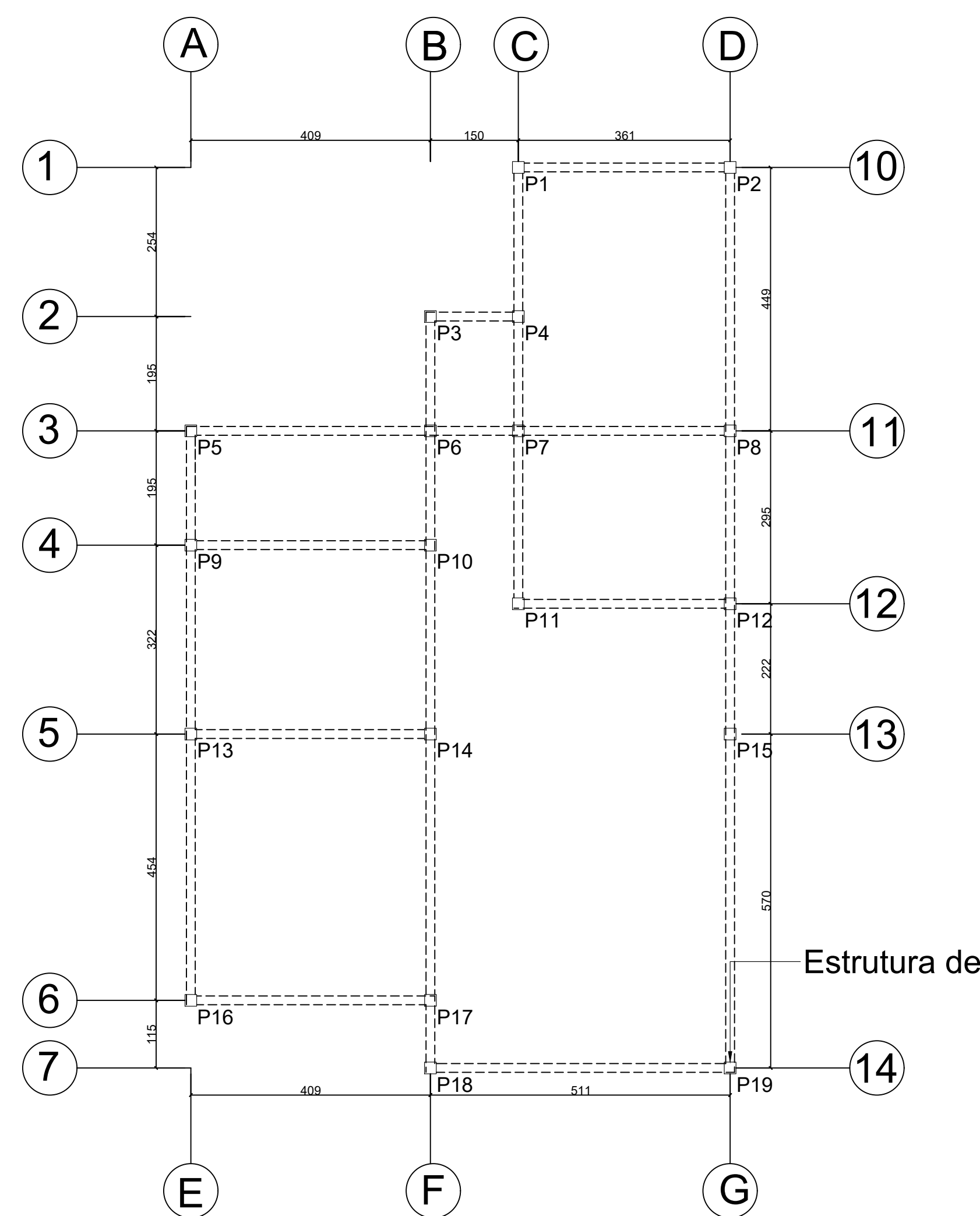
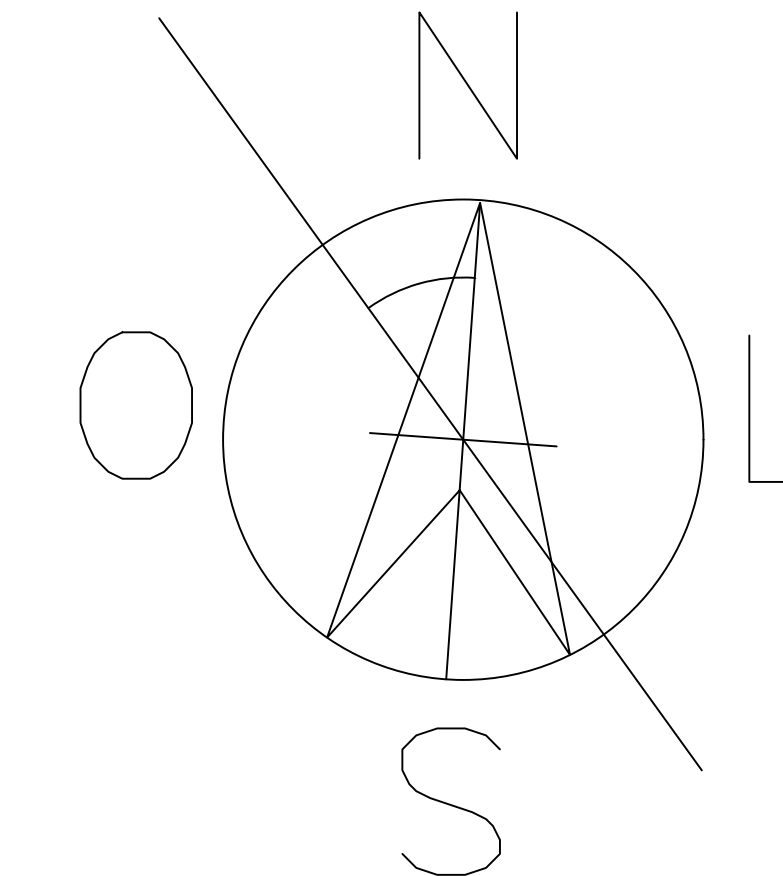
Planta Baixa - Casa 1
Esc.: 1/75



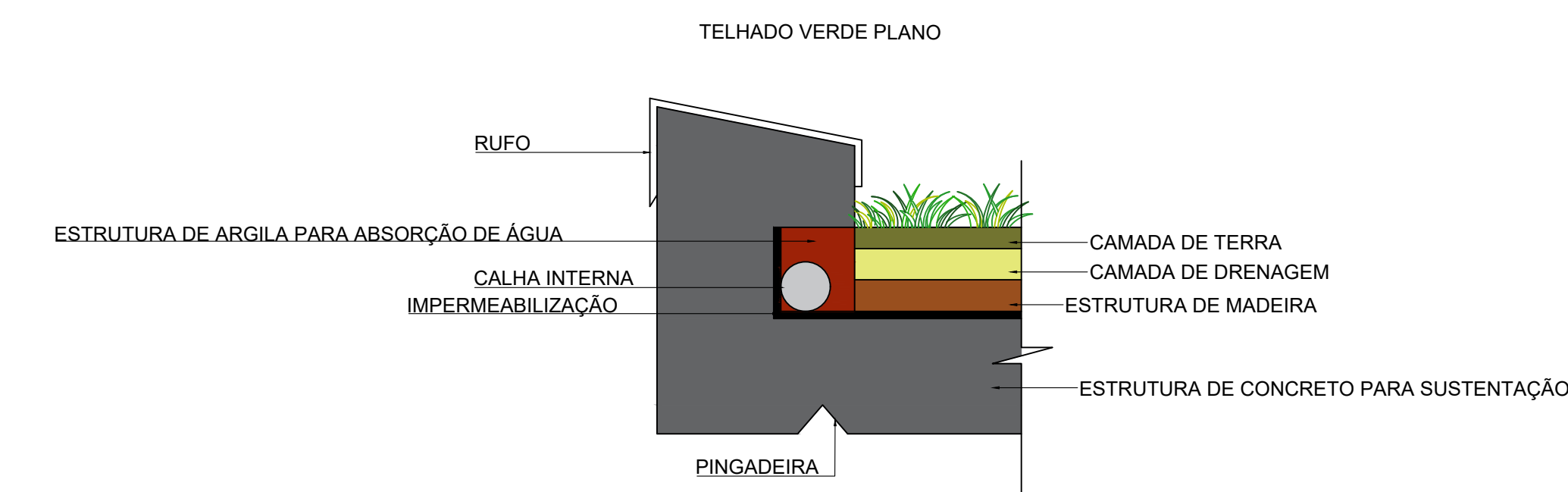
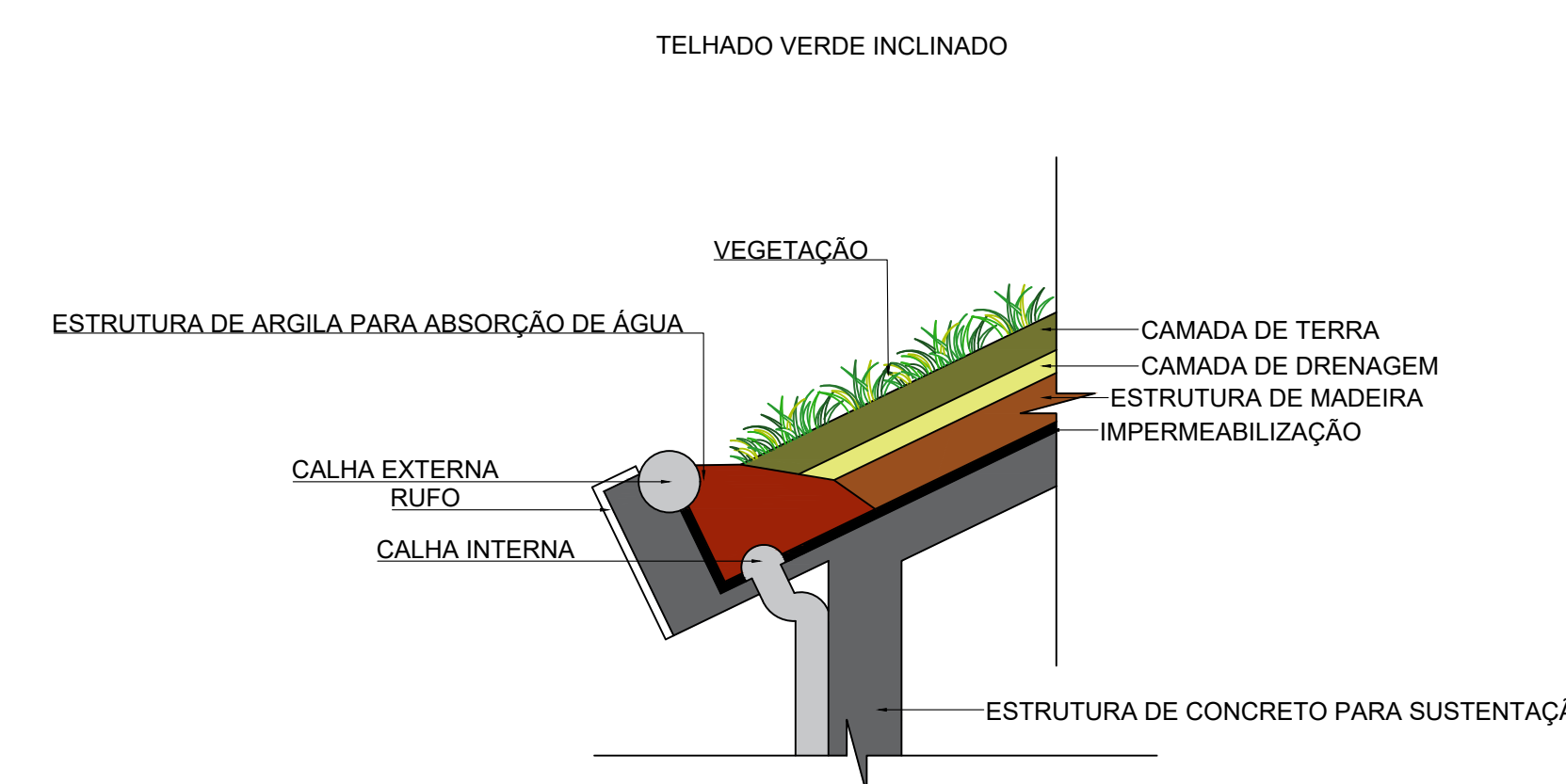
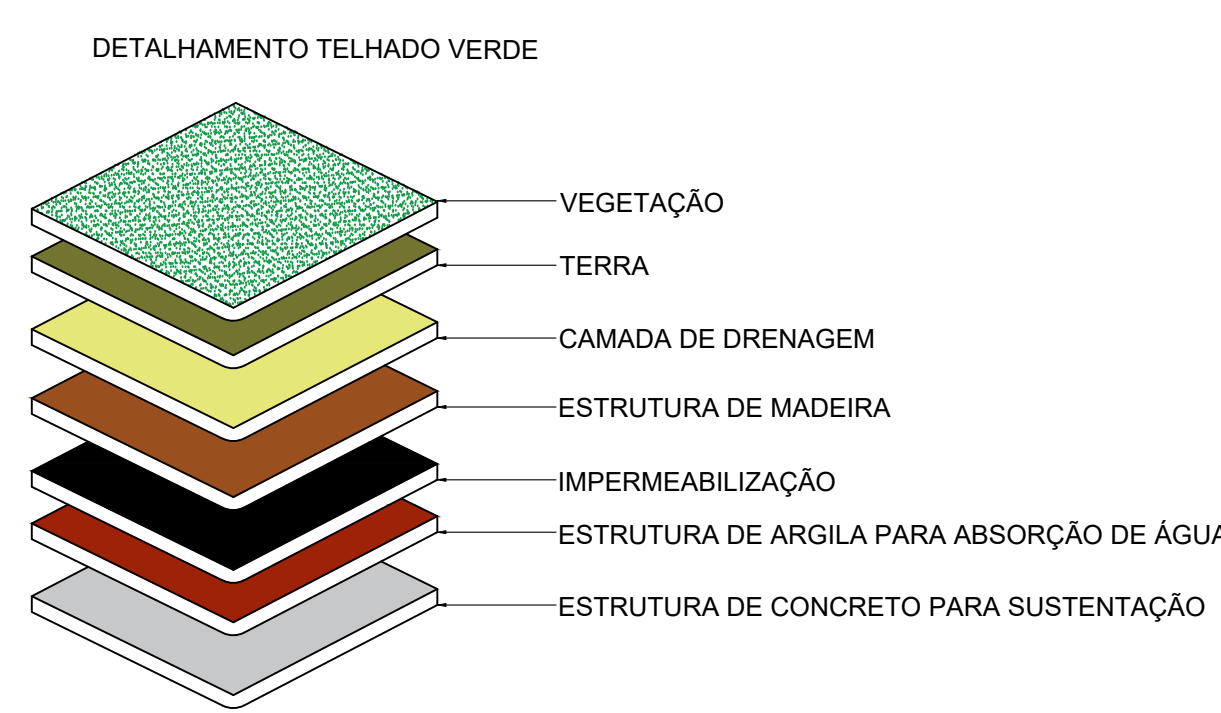
Planta de Cobertura - Casa 1 Com Extensão
Esc.: 1/75

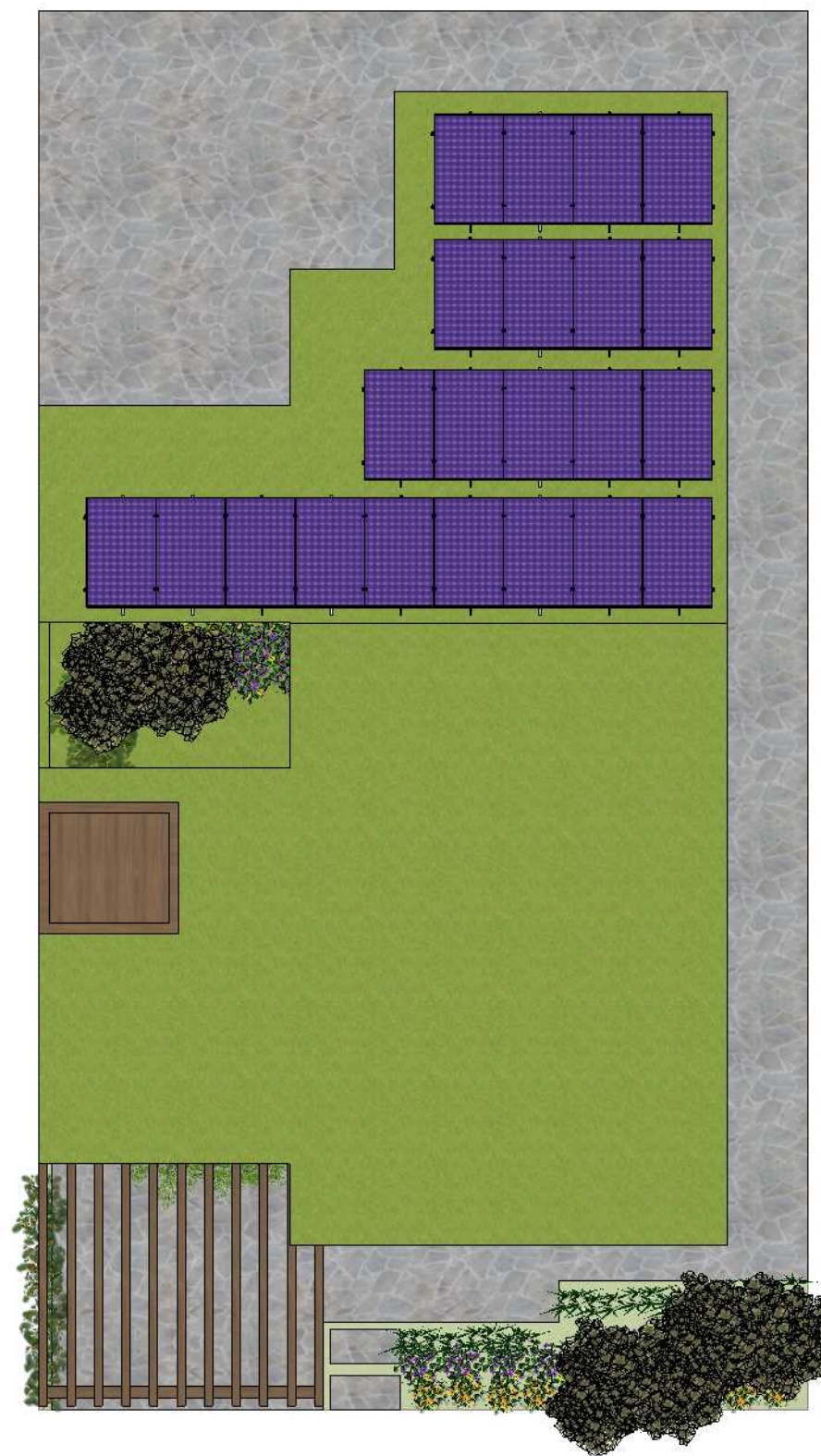


Planta Baixa - Casa 1 Com Extensão
Esc.: 1/75



Projeto Estrutural - Casa 1
Esc.: 1/75





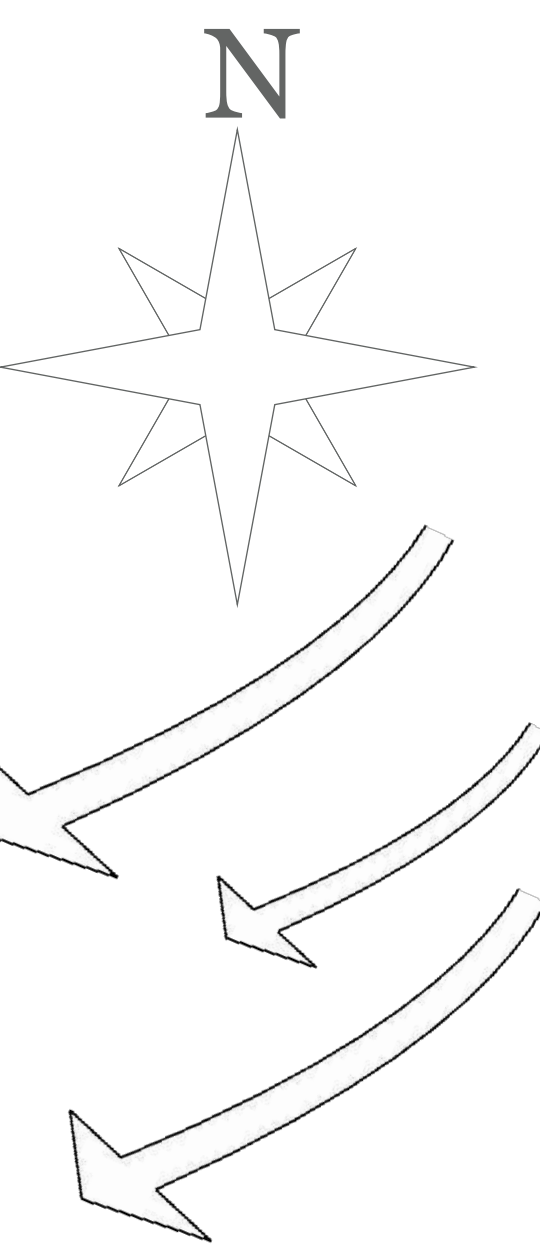
Planta de Cobertura Humanizada- Casa 1
Esc:1/100



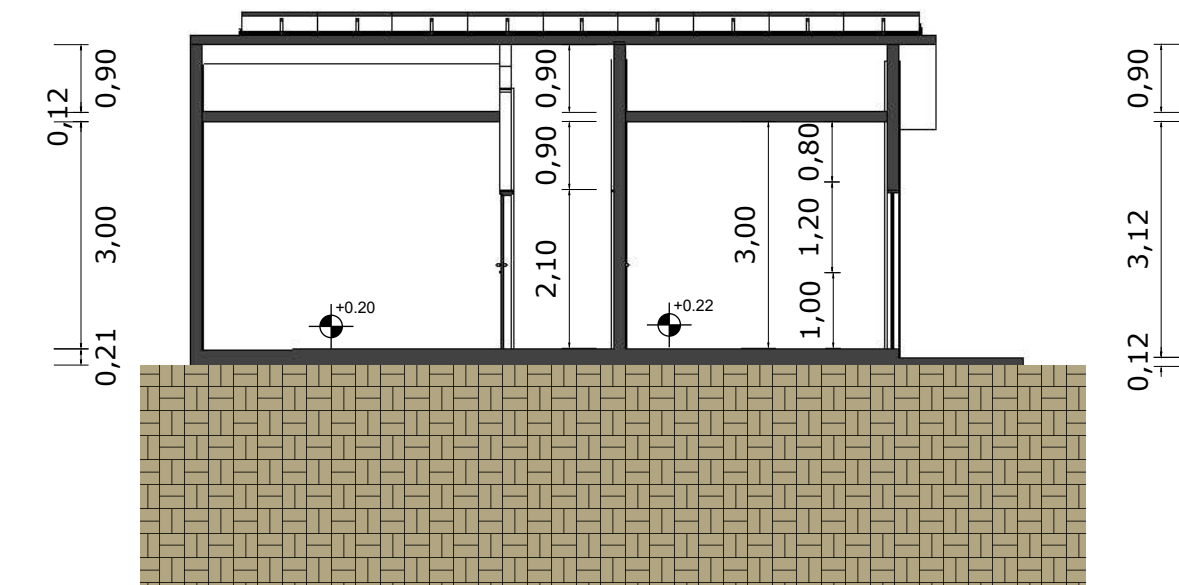
Planta Baixa Humanizada - Casa1
Esc:1/100



Elevação A- Casa1
Esc:1/100



Elevação B- Casa1
Esc:1/100



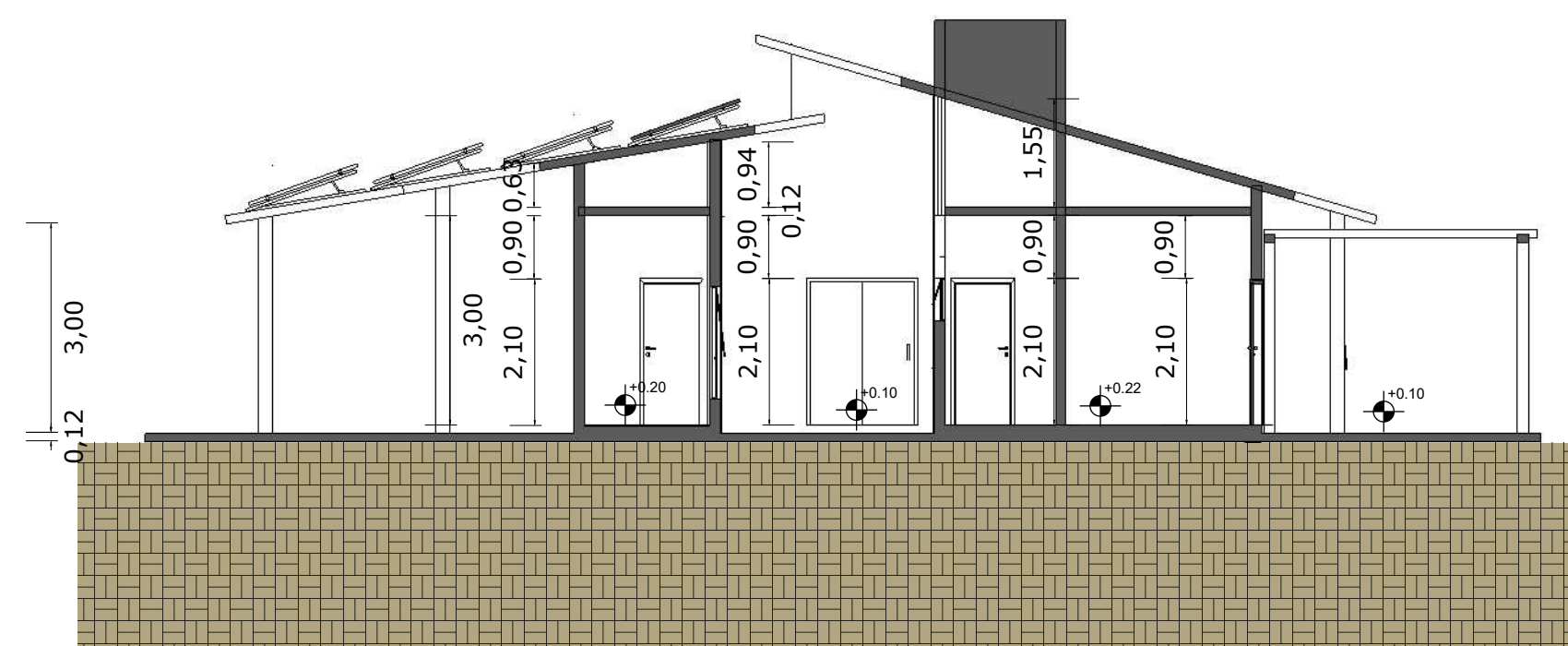
Corte AA - Casa1
Esc:1/100



Corte AA Humanizado - Casa1
Esc:1/100



Elevação C- Casa1
Esc:1/100



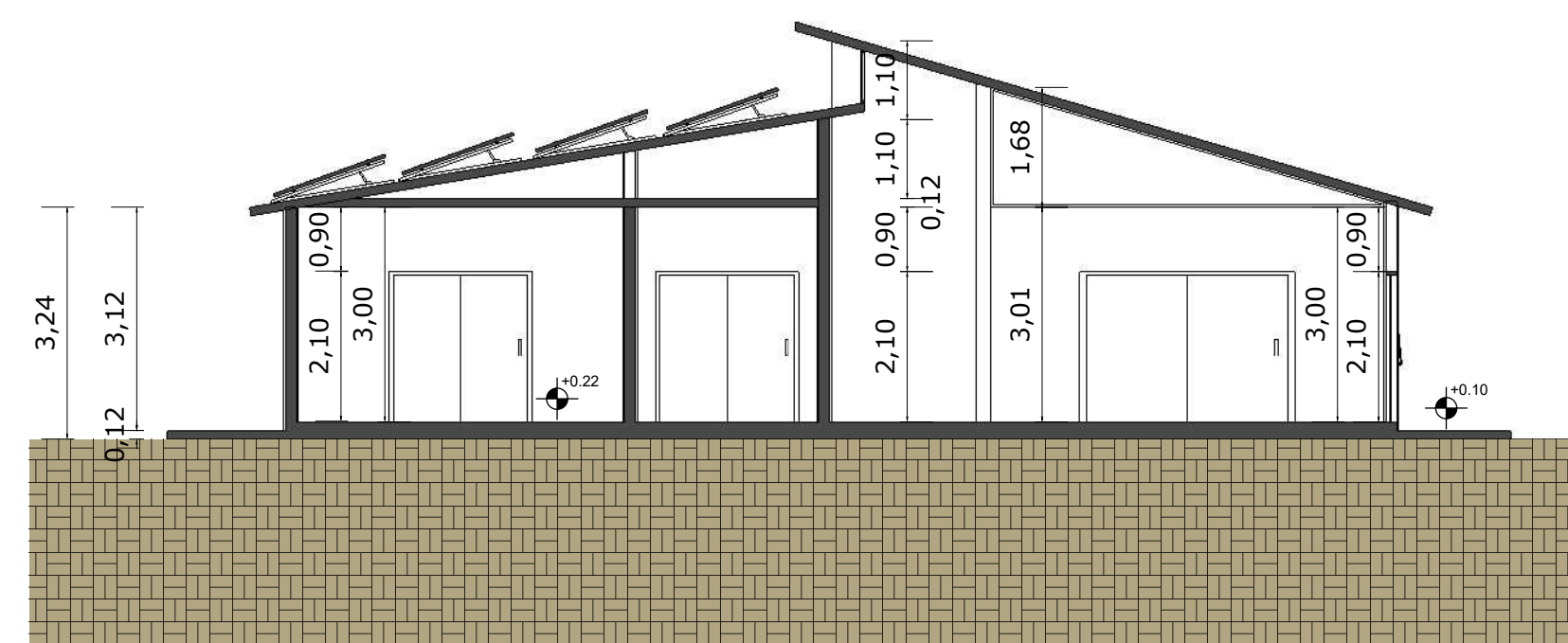
Corte BB - Casa1
Esc:1/100



Corte BB Humanizado - Casa1
Esc:1/100



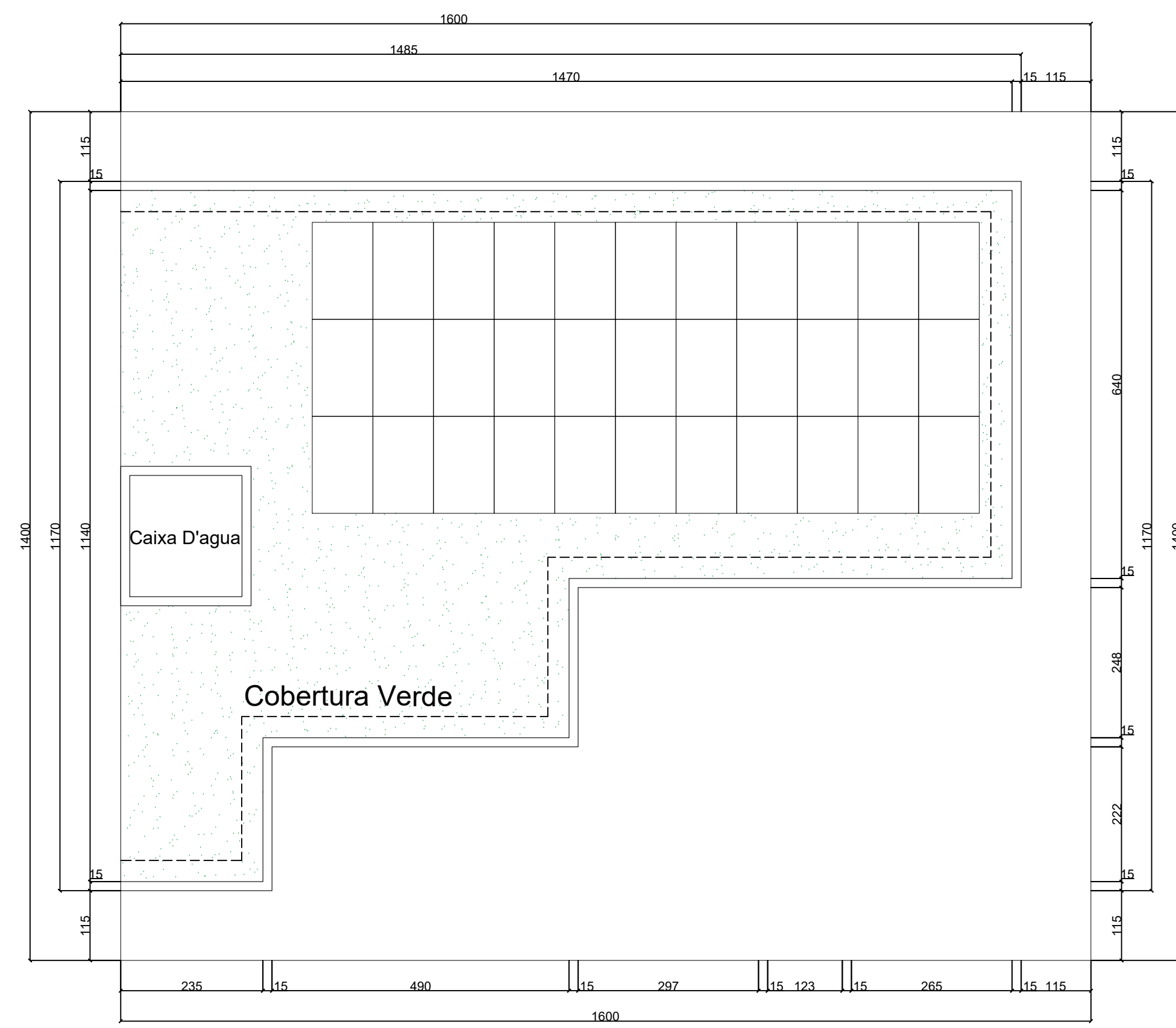
Elevação D- Casa1
Esc:1/100



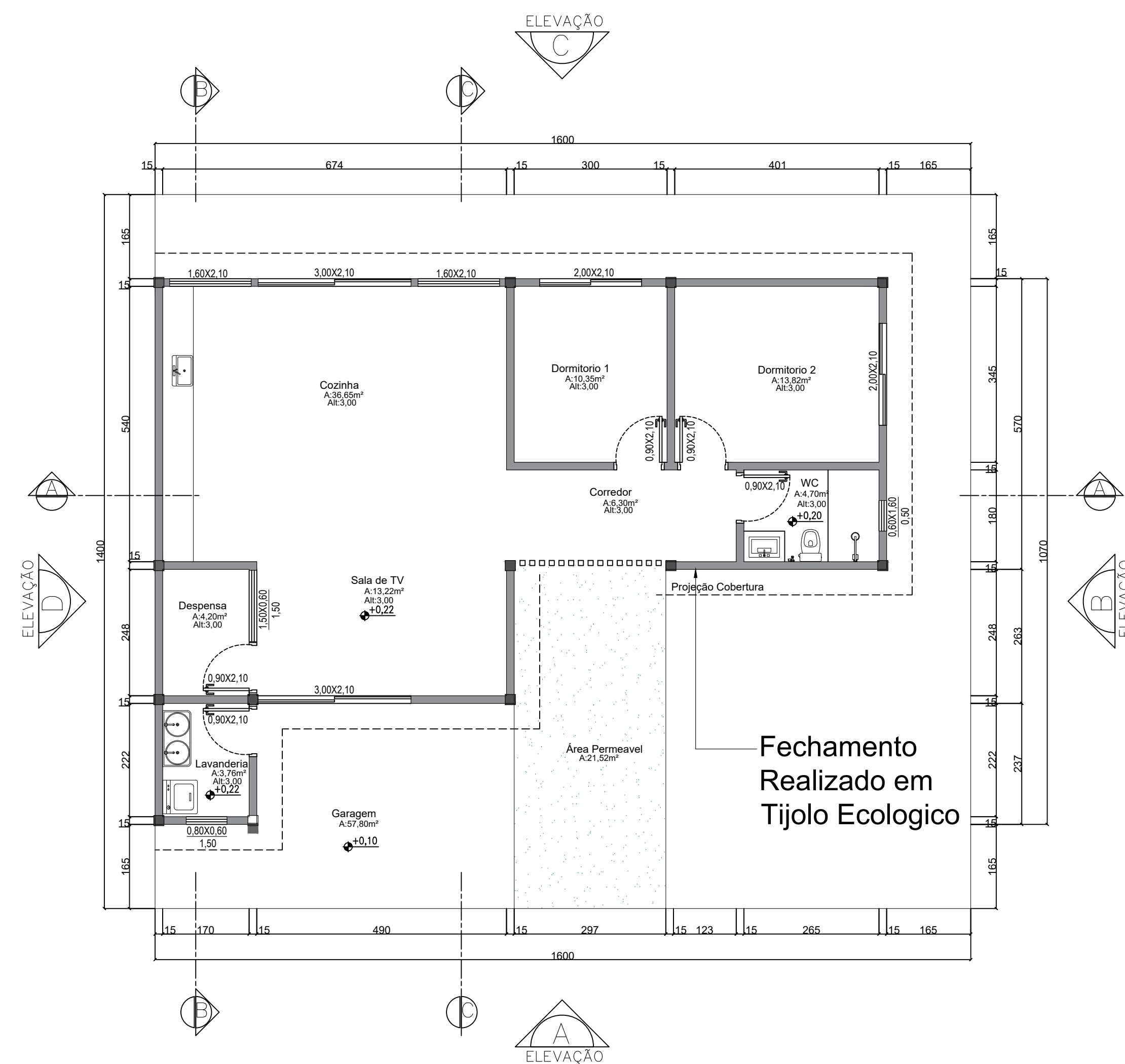
Corte CC - Casa1
Esc:1/100



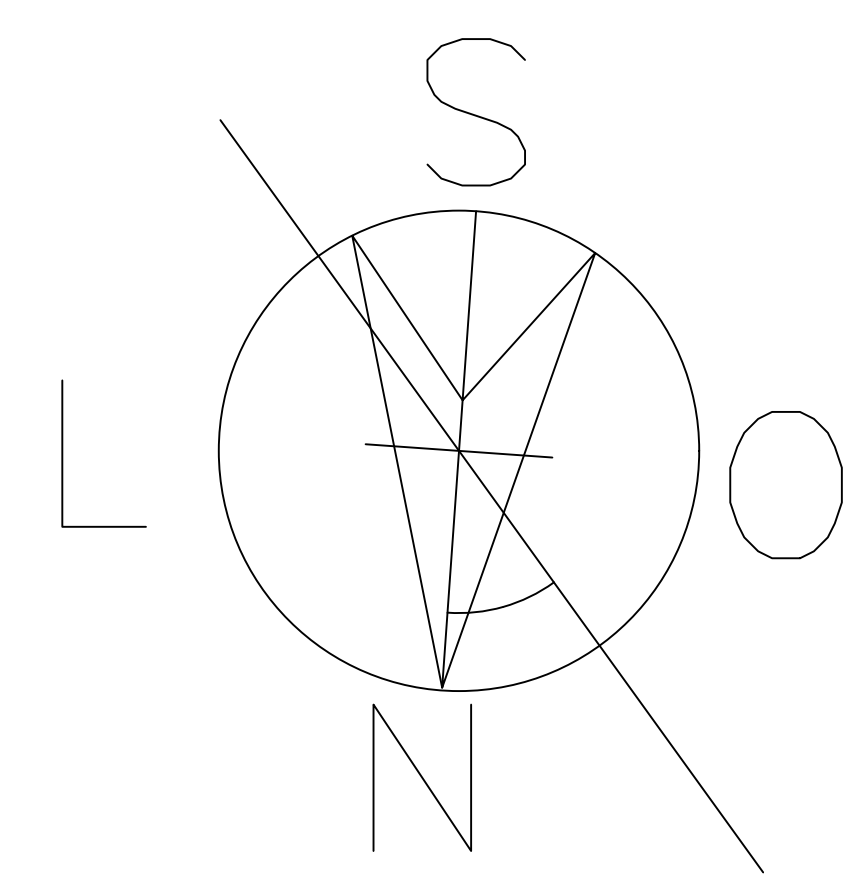
Corte CC Humanizado - Casa1
Esc:1/100



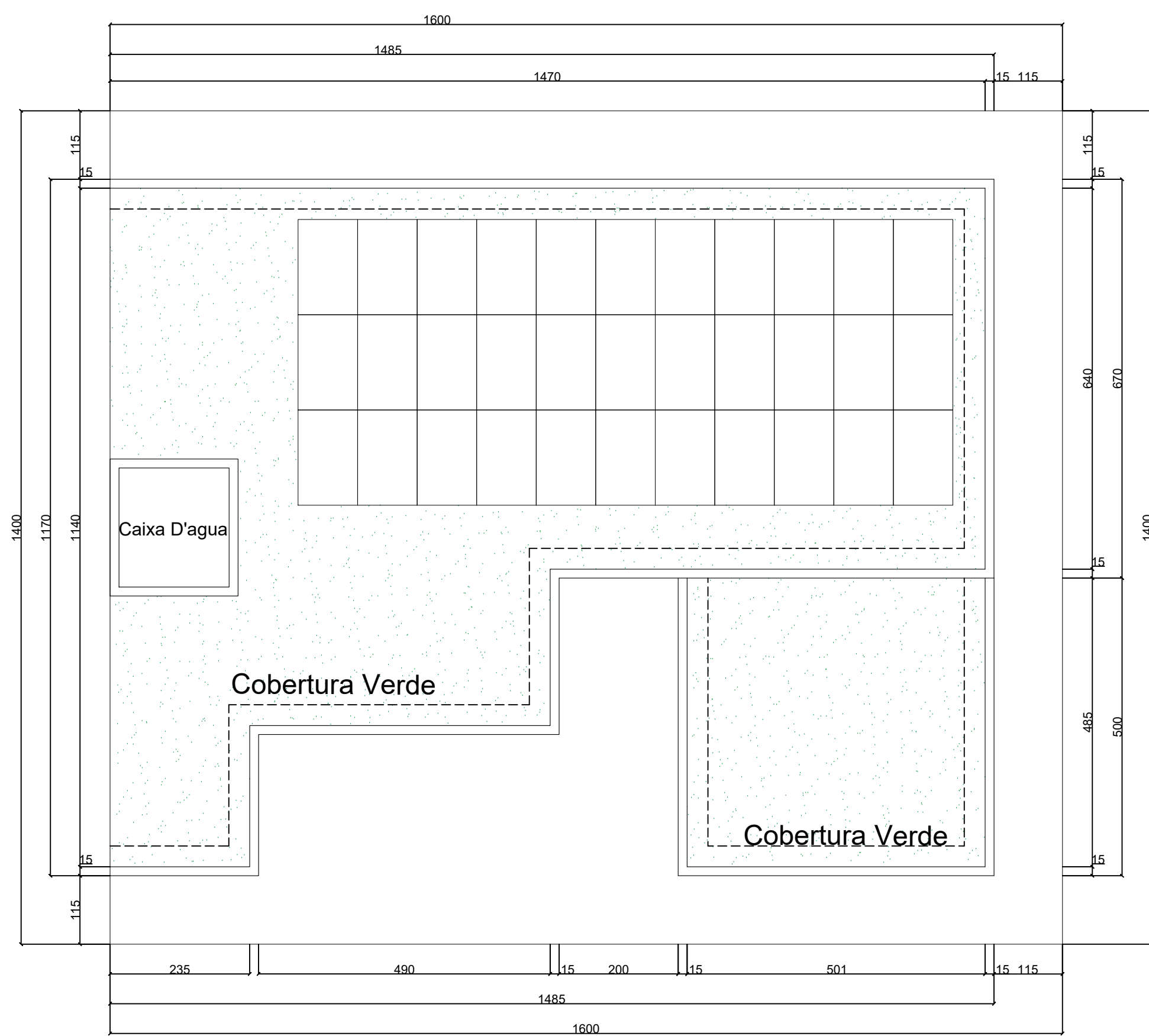
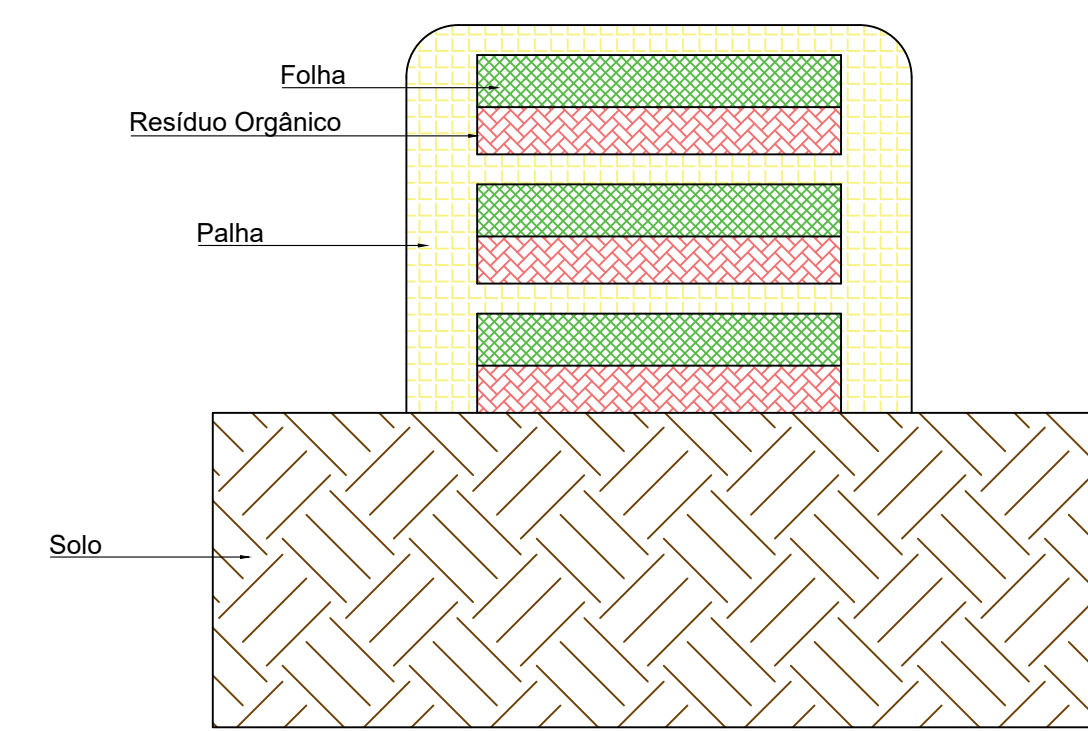
Planta de Cobertura - Casa 2
Esc.: 1/75



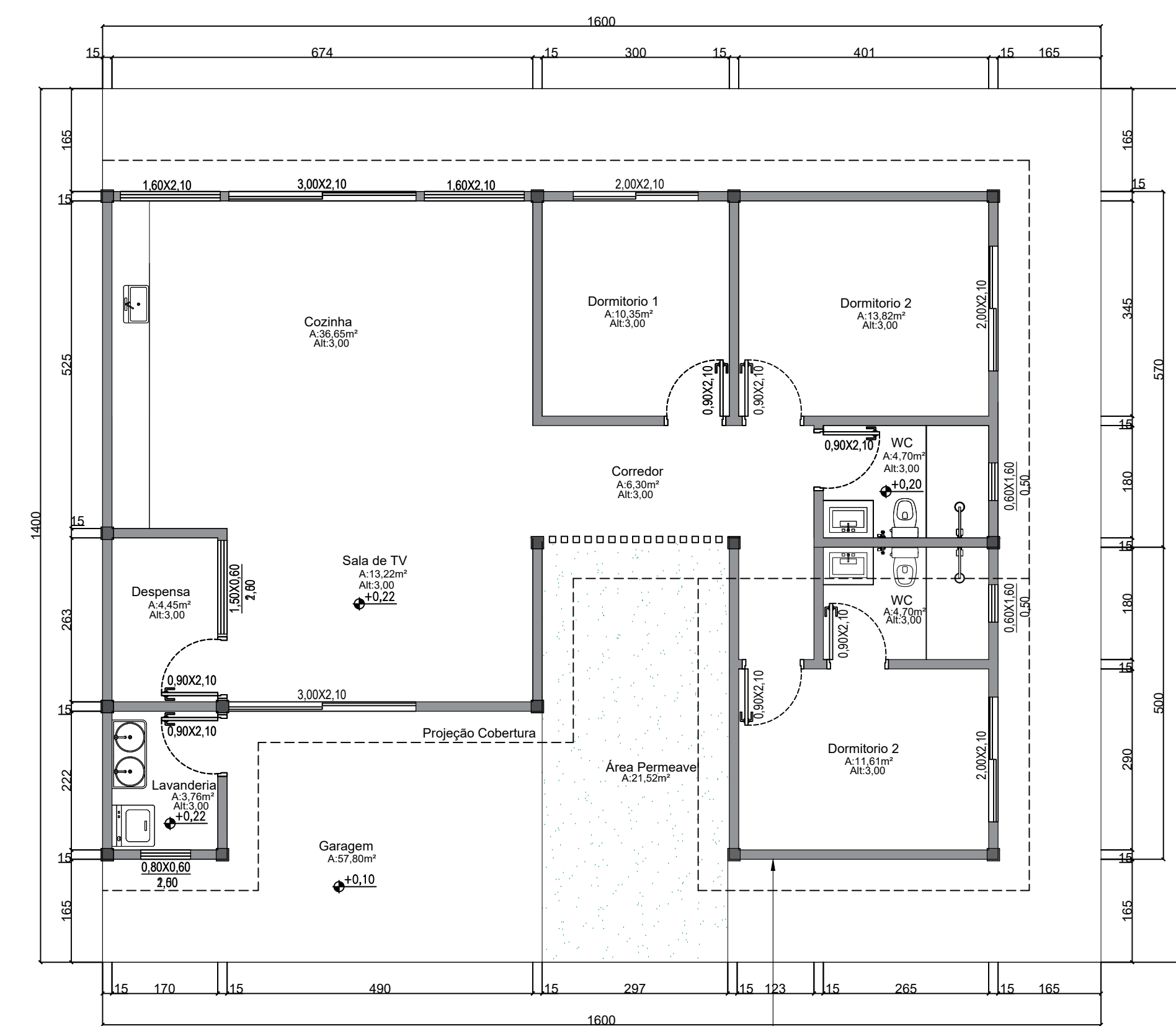
Planta Baixa - Casa 2
Esc.: 1/75



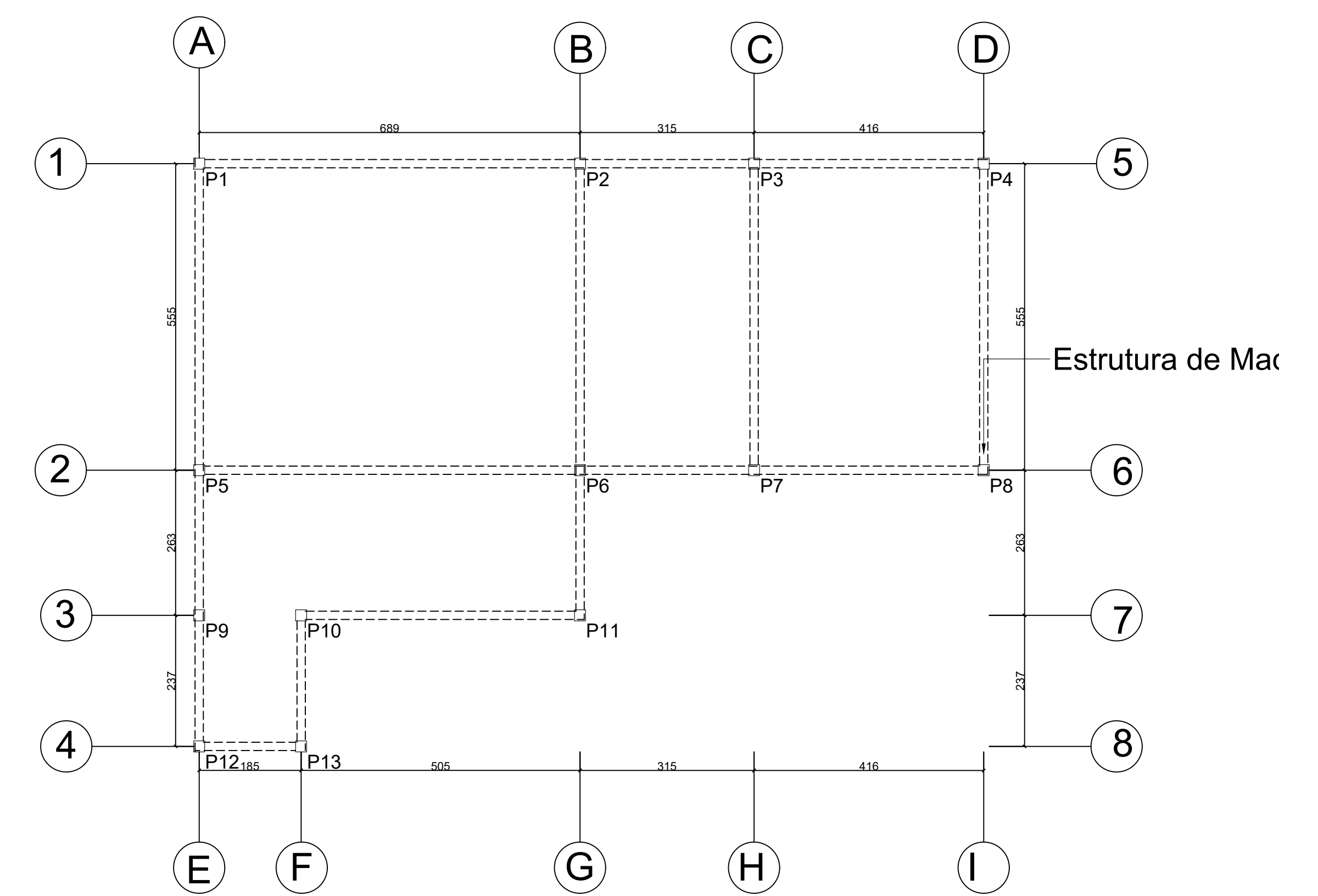
DETALHAMENTO DE COMPOSTAGEM



Planta de Cobertura - Casa 2 Com Extensão
Esc.: 1/75



Planta Baixa - Casa 2 Com Extensão
Esc.: 1/75



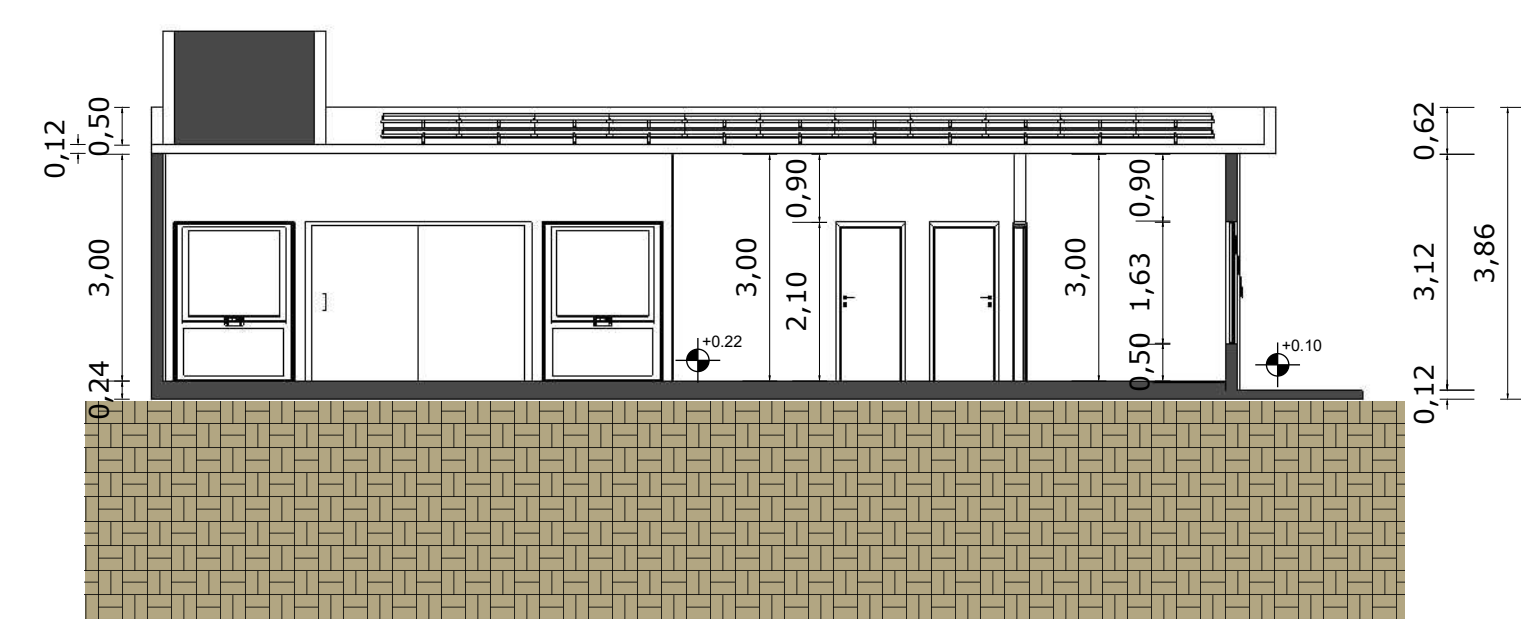
Planta Estrutural - Casa 2
Esc.: 1/75



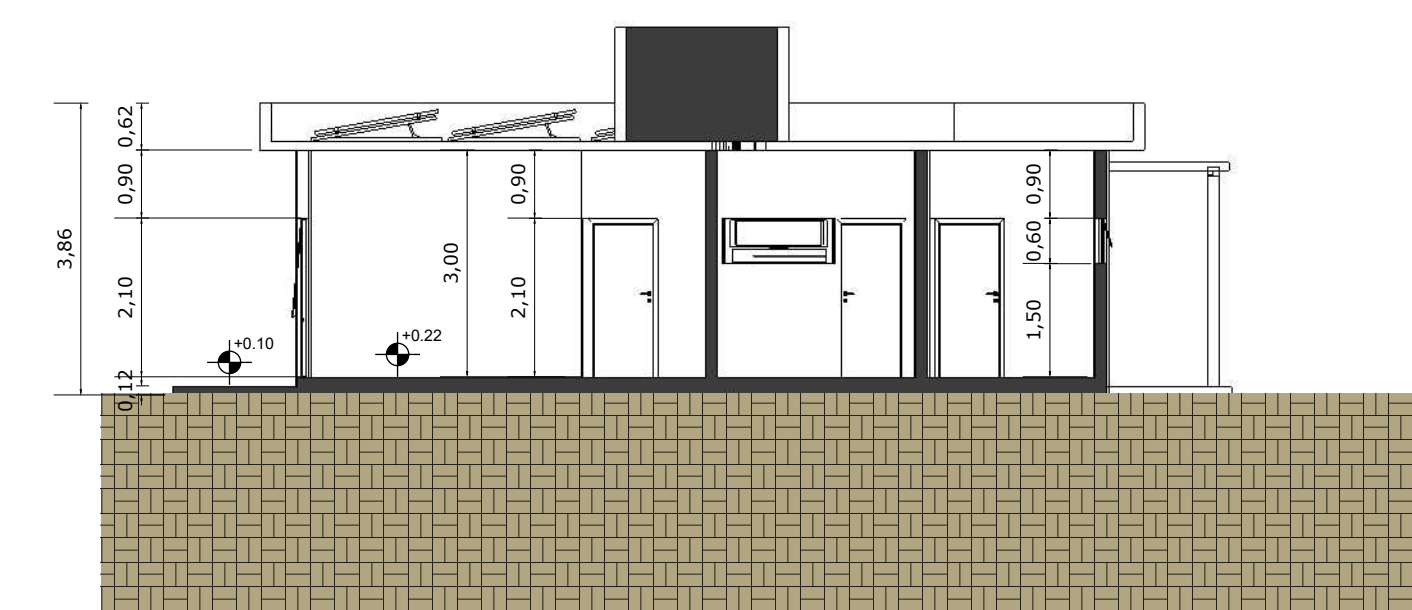
Planta de Cobertura Humanizada- Casa 2
Esc:1/100



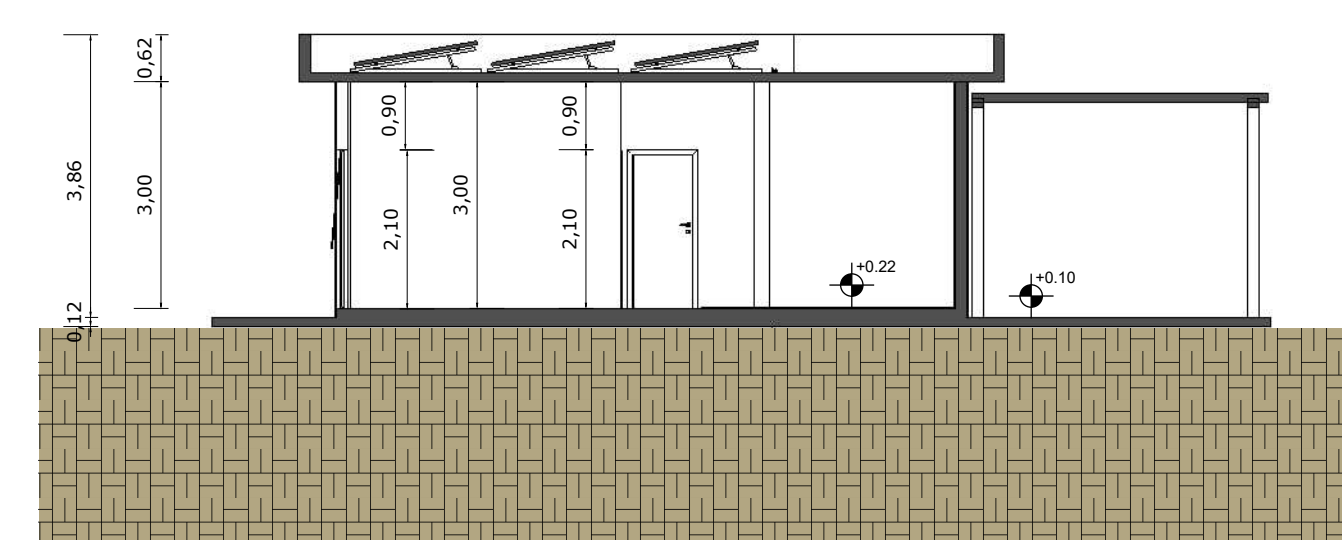
Planta Baixa Humanizada - Casa 2
Esc:1/100



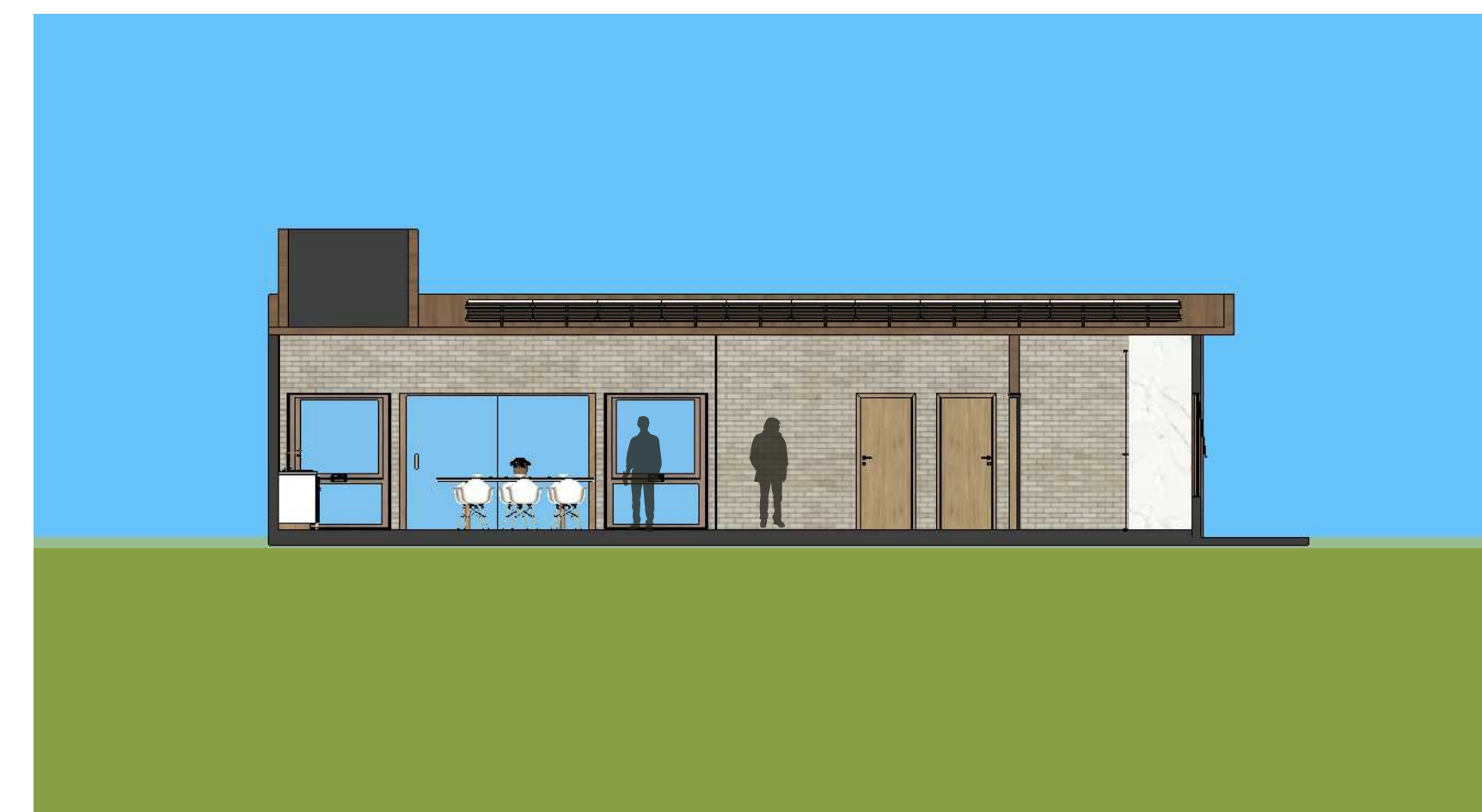
Corte AA - Casa 2
Esc:1/100



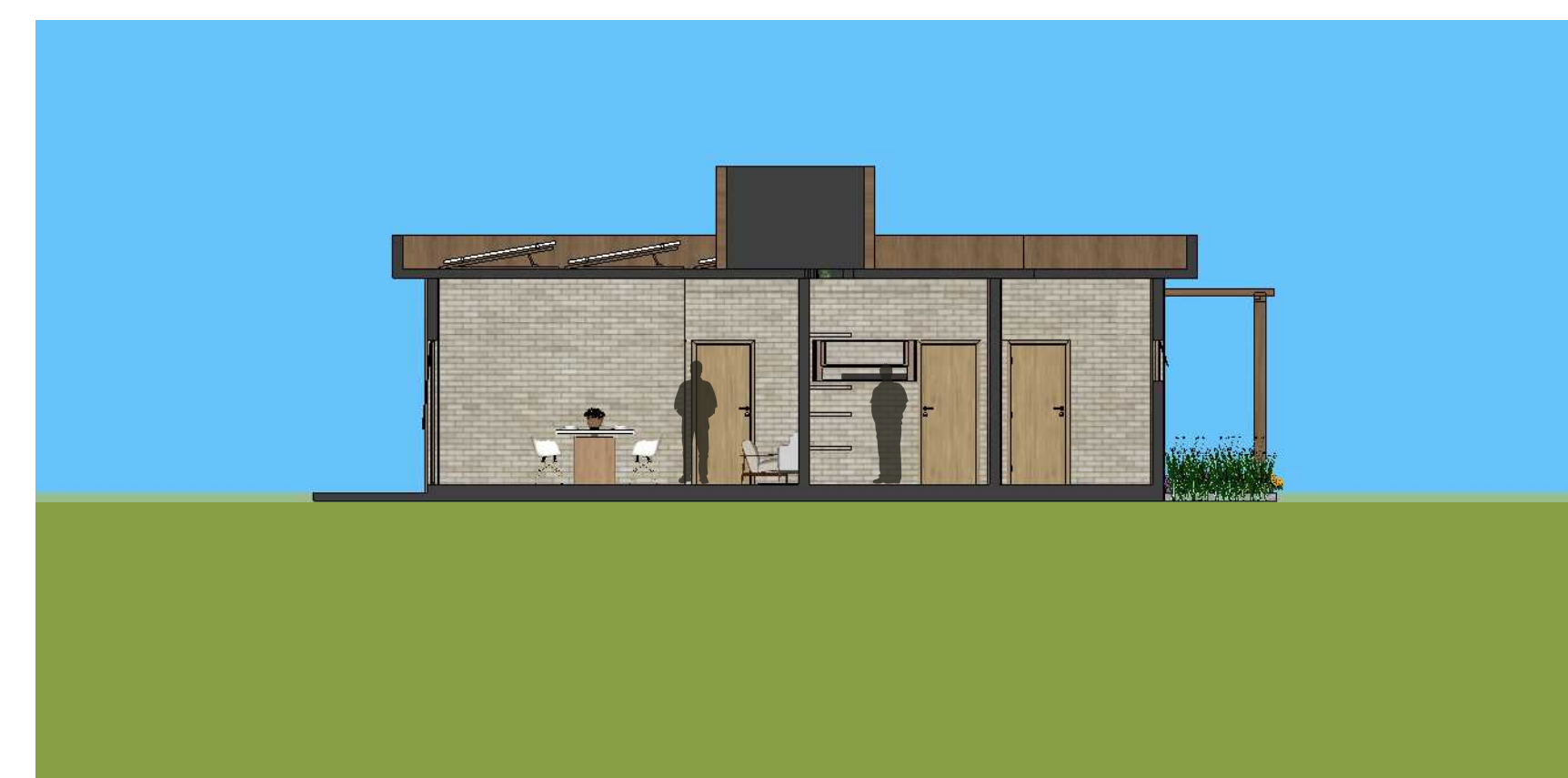
Corte BB - Casa 2
Esc:1/100



Corte CC - Casa1
Esc:1/100



Corte AA Humanizado - Casa 2
Esc:1/100



Corte BB Humanizado - Casa 2
Esc:1/100



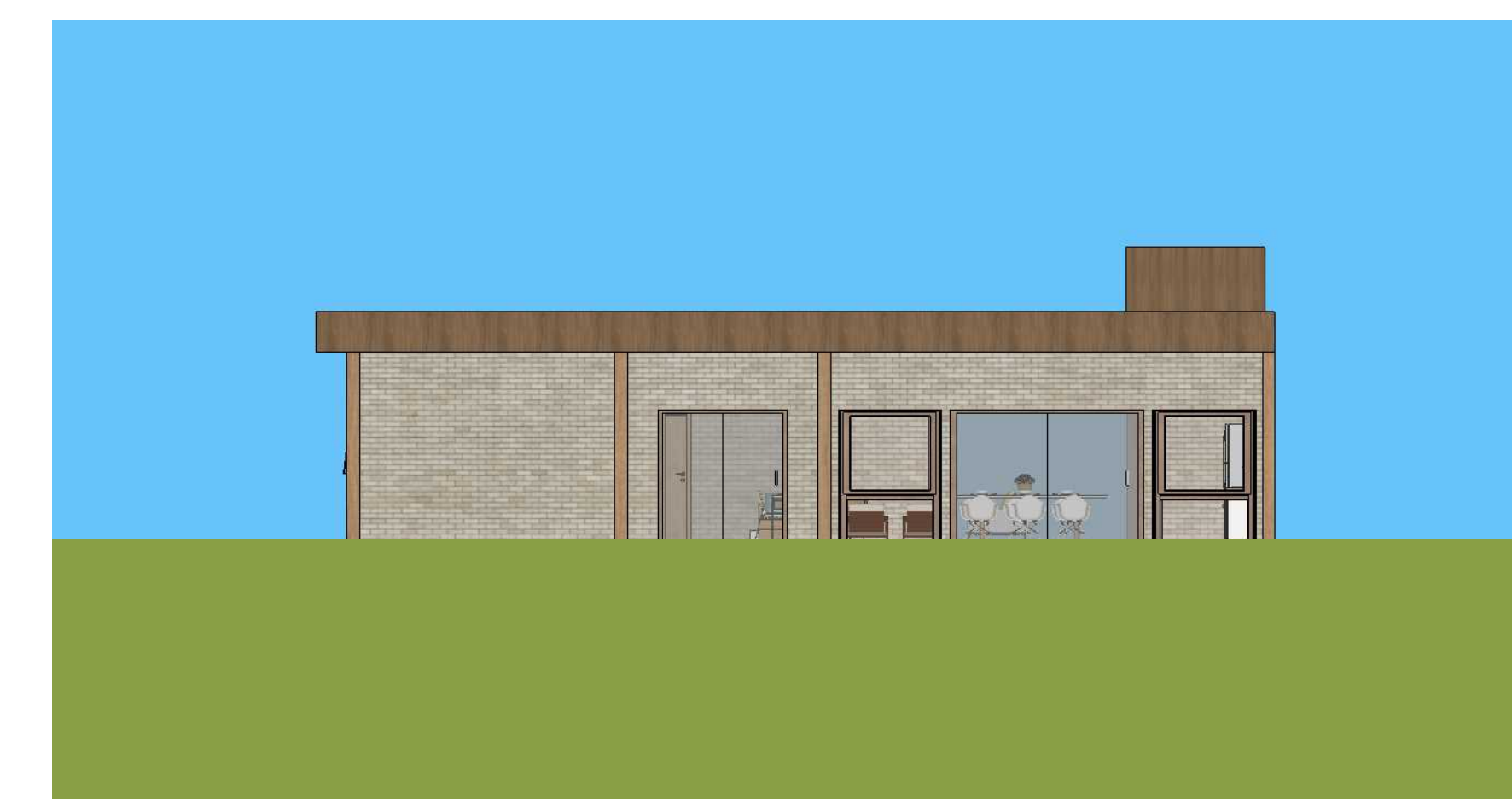
Corte BB Humanizado - Casa 2
Esc:1/100



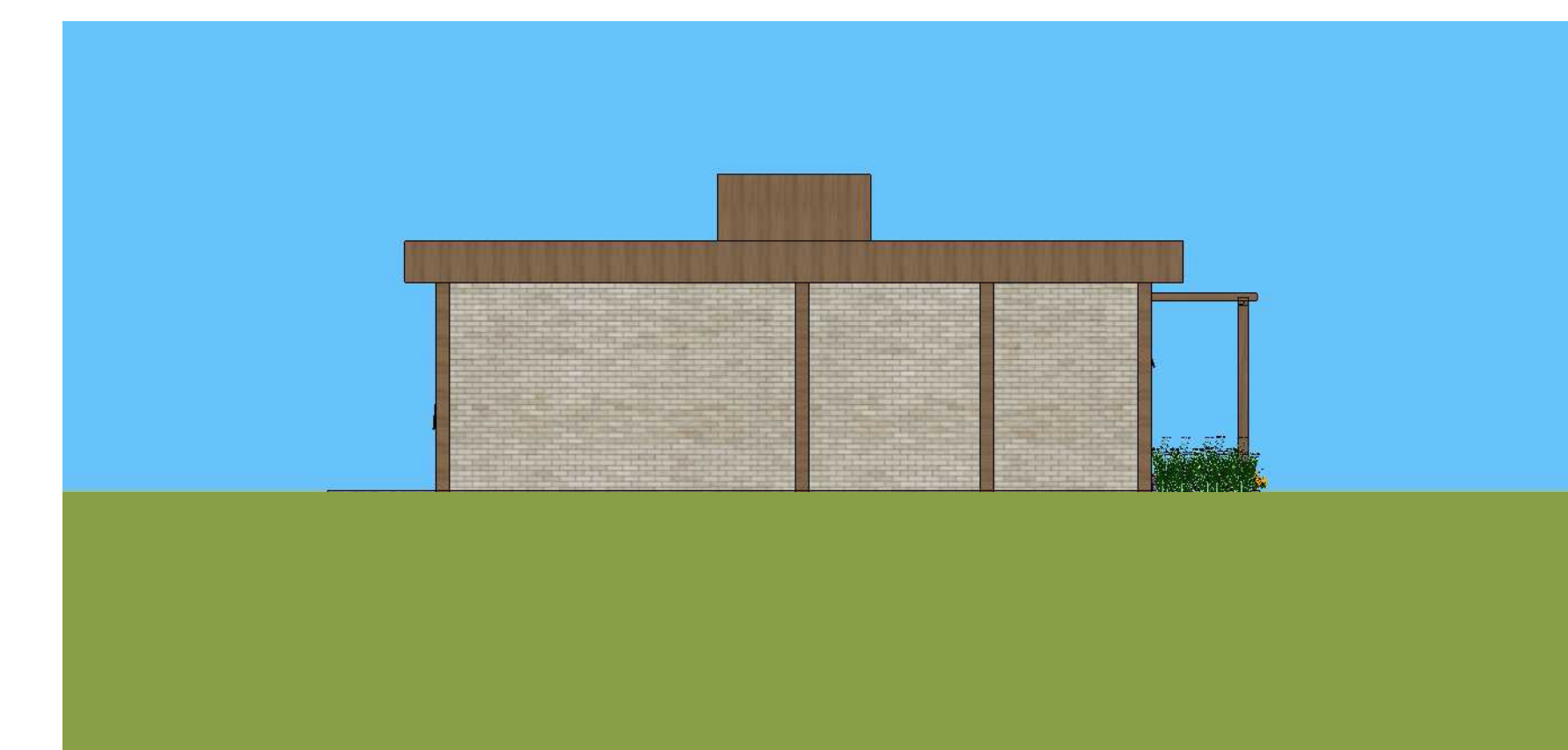
Elevação A- Casa 2
Esc:1/100



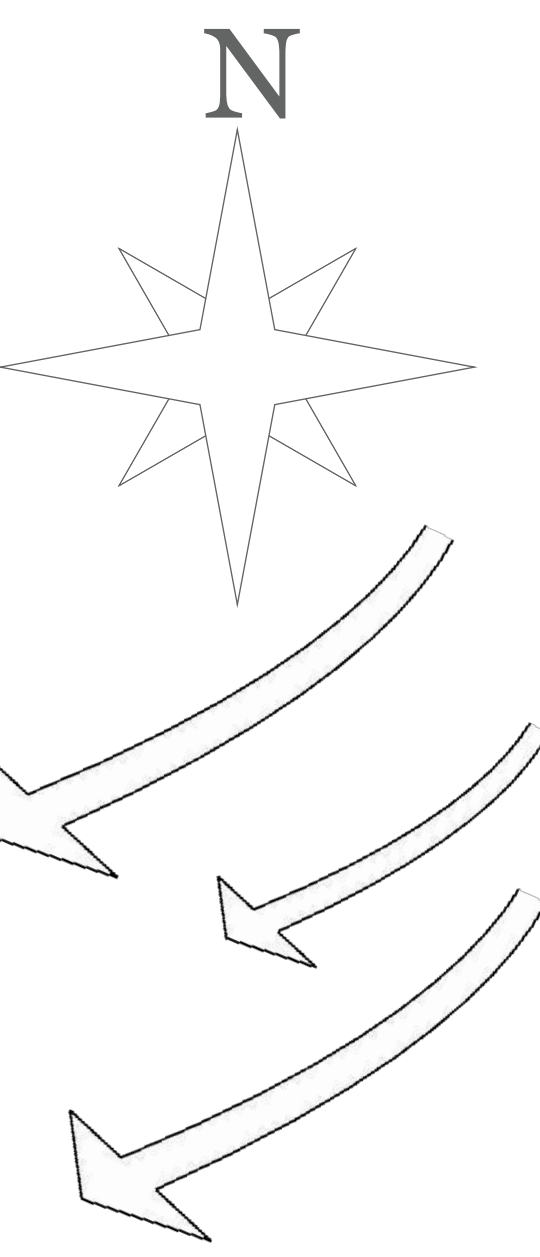
Elevação B- Casa 2
Esc:1/100

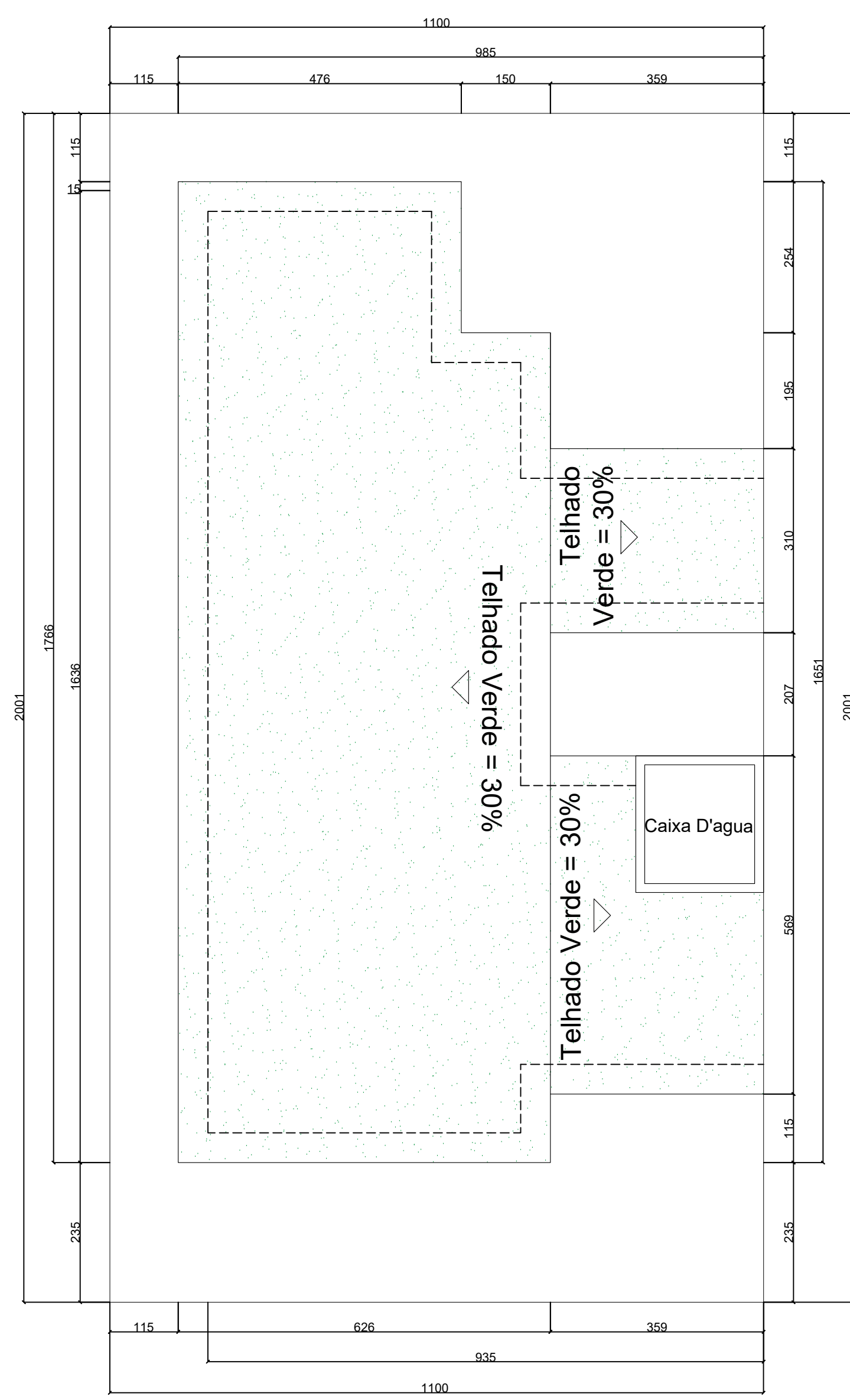


Elevação C- Casa 2
Esc:1/100

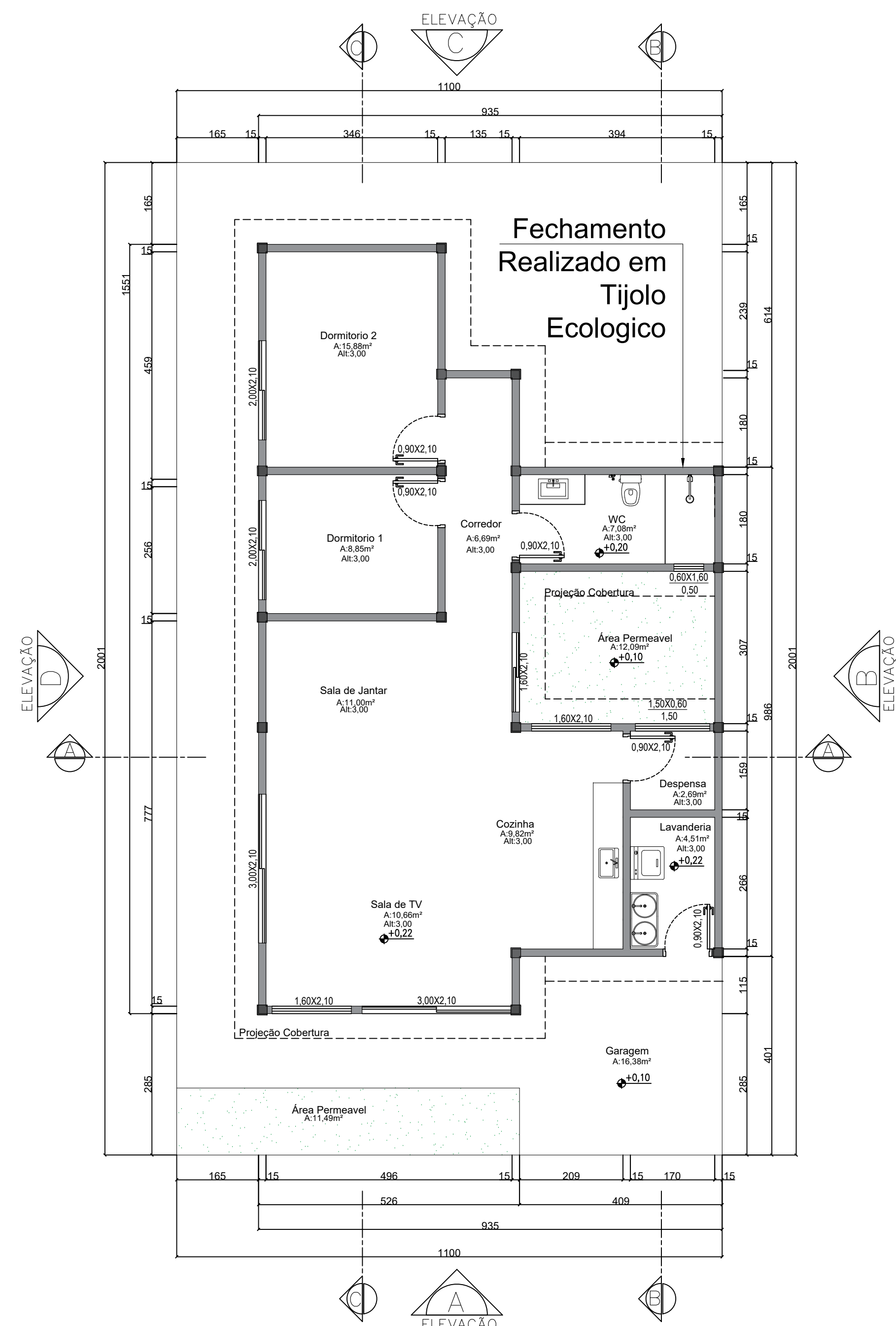


Elevação D- Casa 2
Esc:1/100

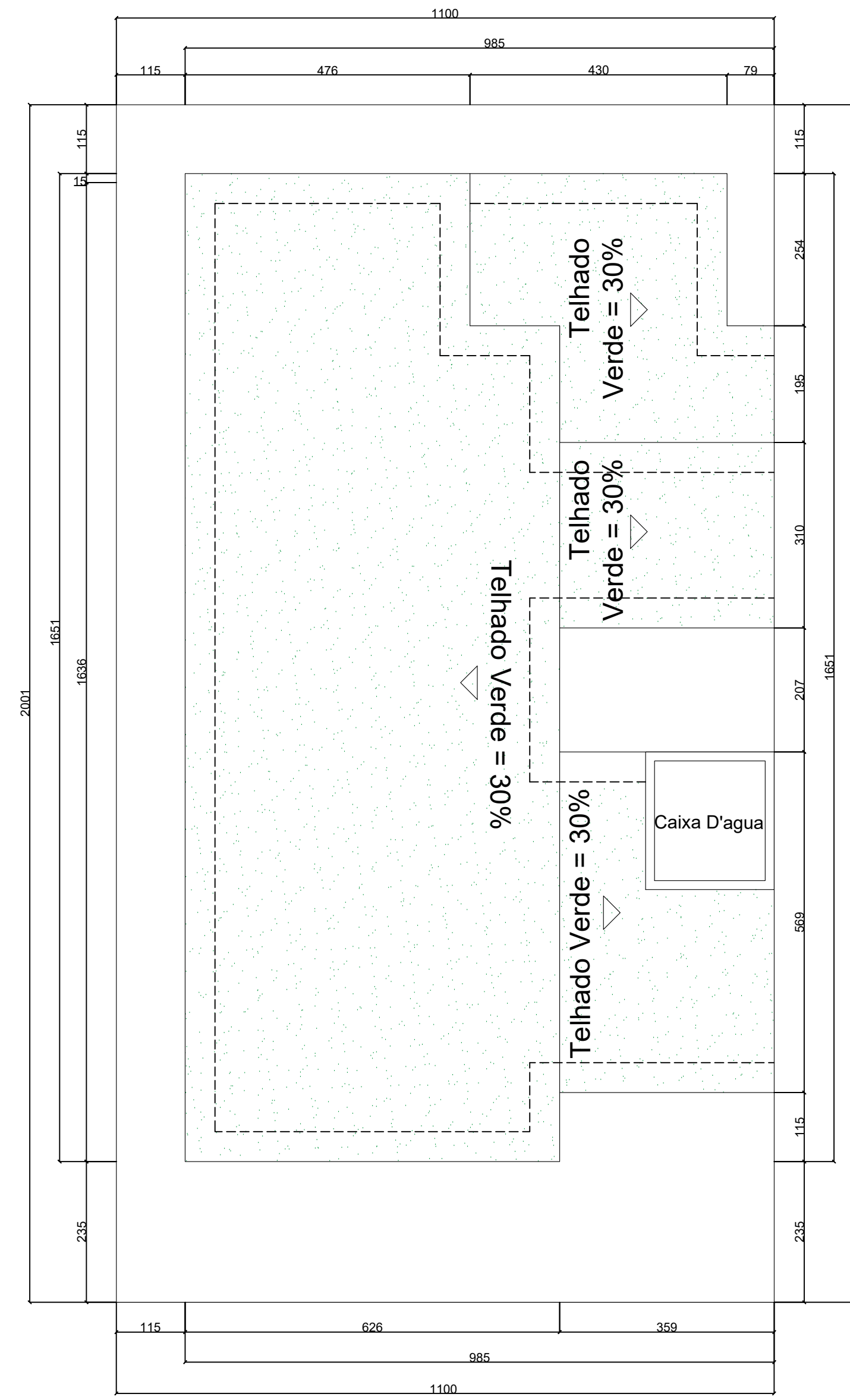




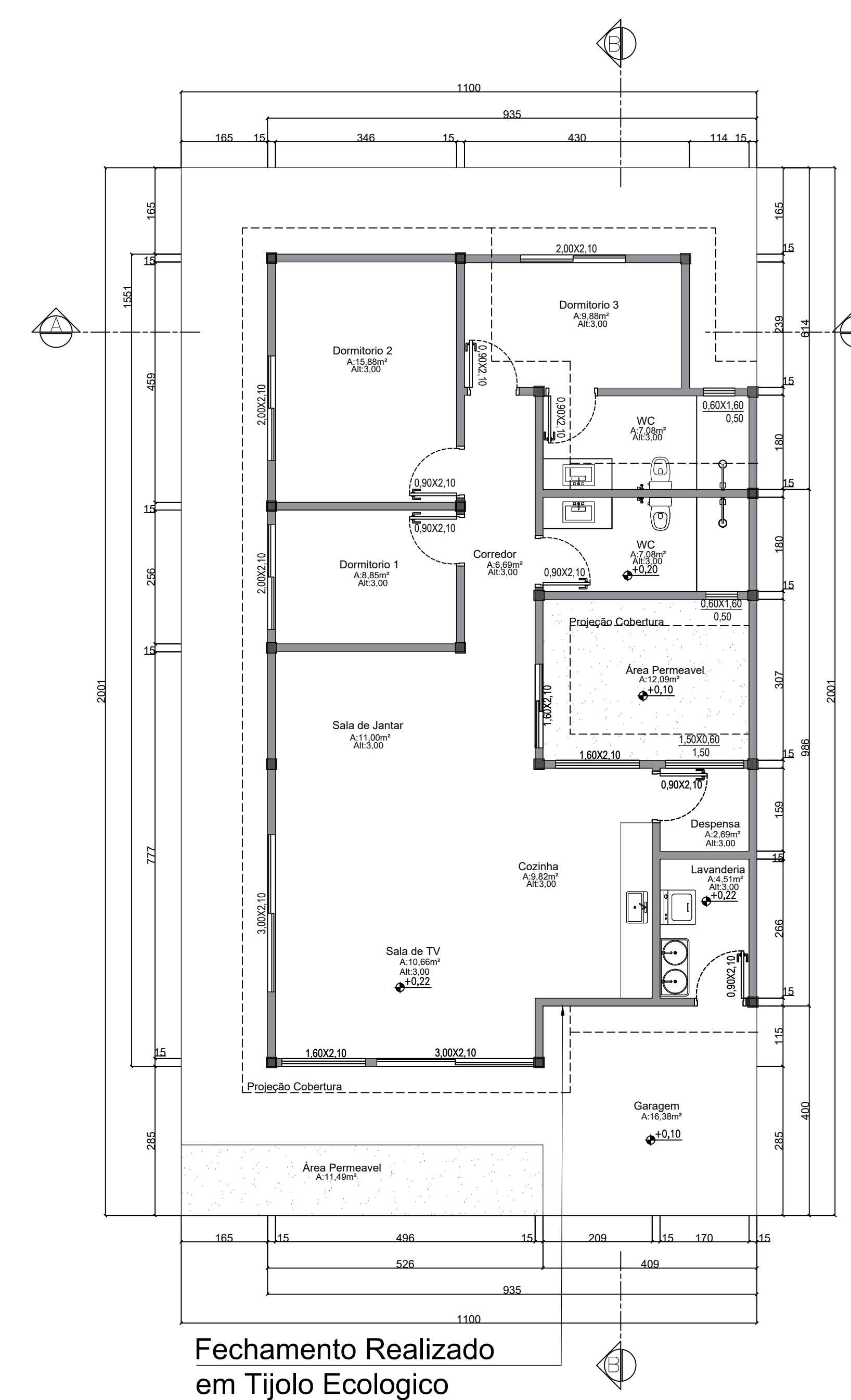
Planta de Cobertura - Casa 3
Esc.: 1/75



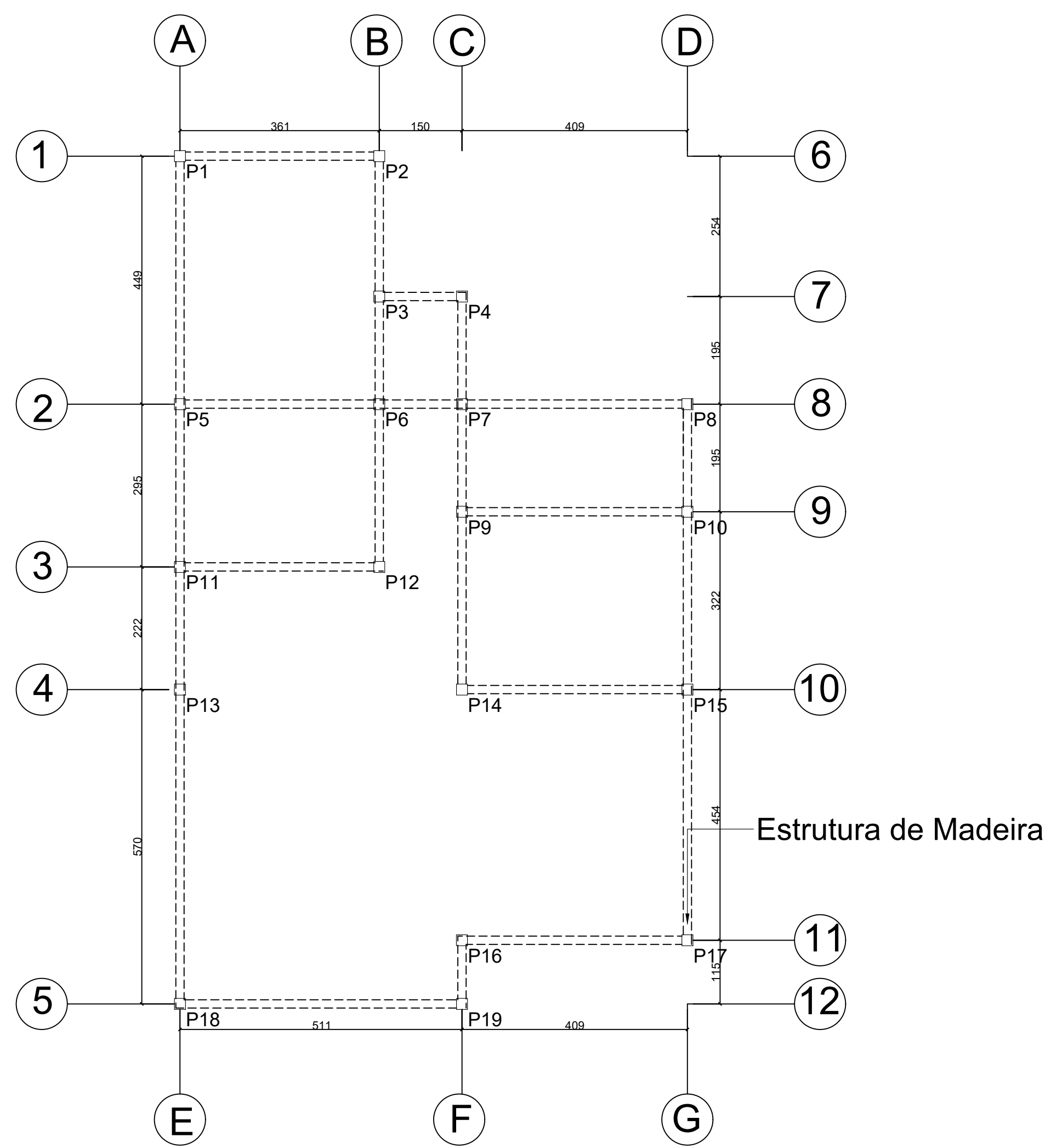
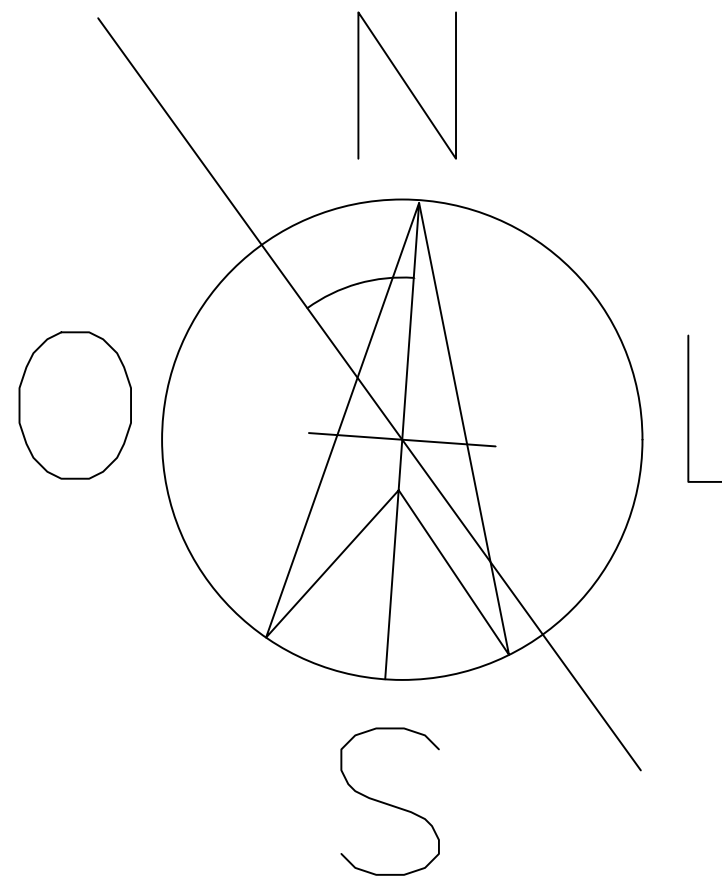
Planta Baixa - Casa 3
Esc.: 1/75



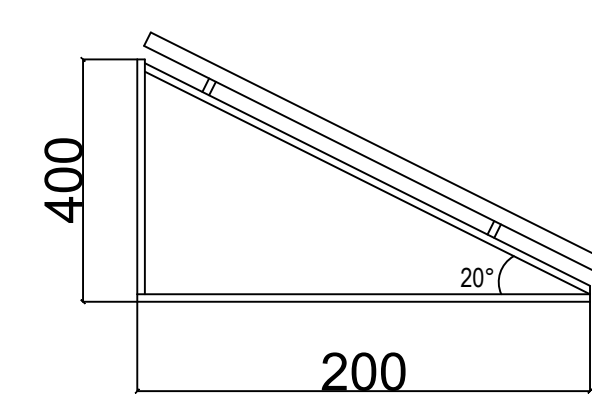
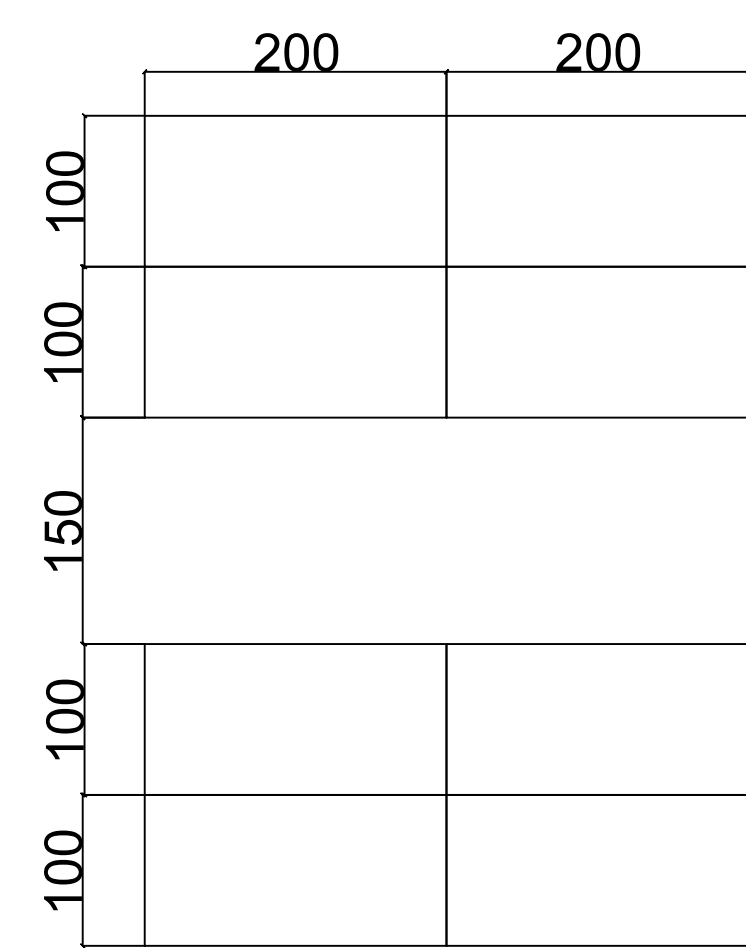
Planta de Cobertura - Casa 3 Com Extensão
Esc.: 1/75



Planta Baixa - Casa 3 Com Extensão
Esc.: 1/75

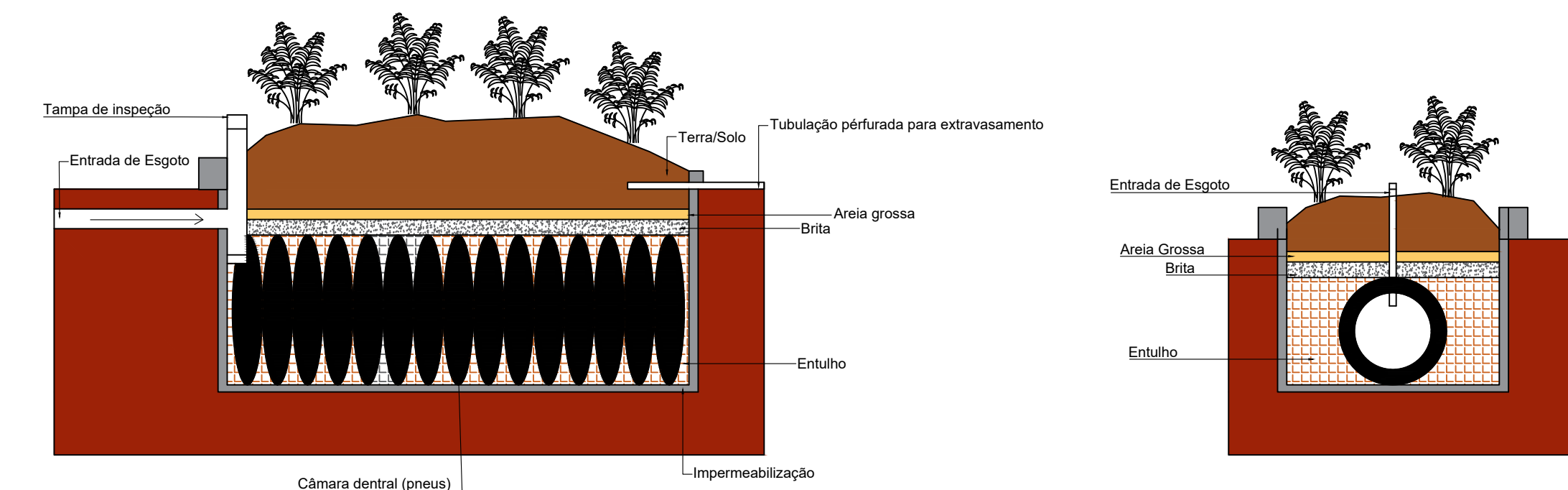


Planta Estrutural - Casa 3
Esc.: 1/75

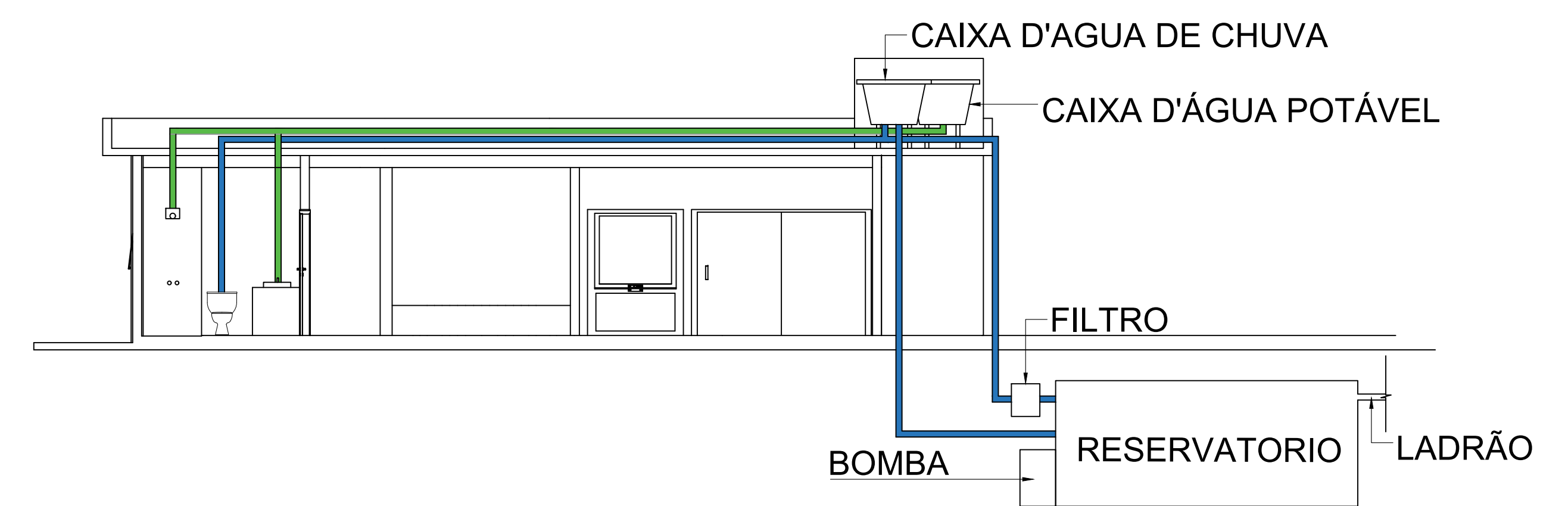


574 Placas de 440 volts cada
200 quilowatts por Casa
2000 quilowatts para o Centro de Treinamento e Comercio

DETALHAMENTO DE BACIA DE EVOTRANPIRAÇÃO



DETALHAMENTO DE CAPTAÇÃO DE ÁGUA DE CHUVA





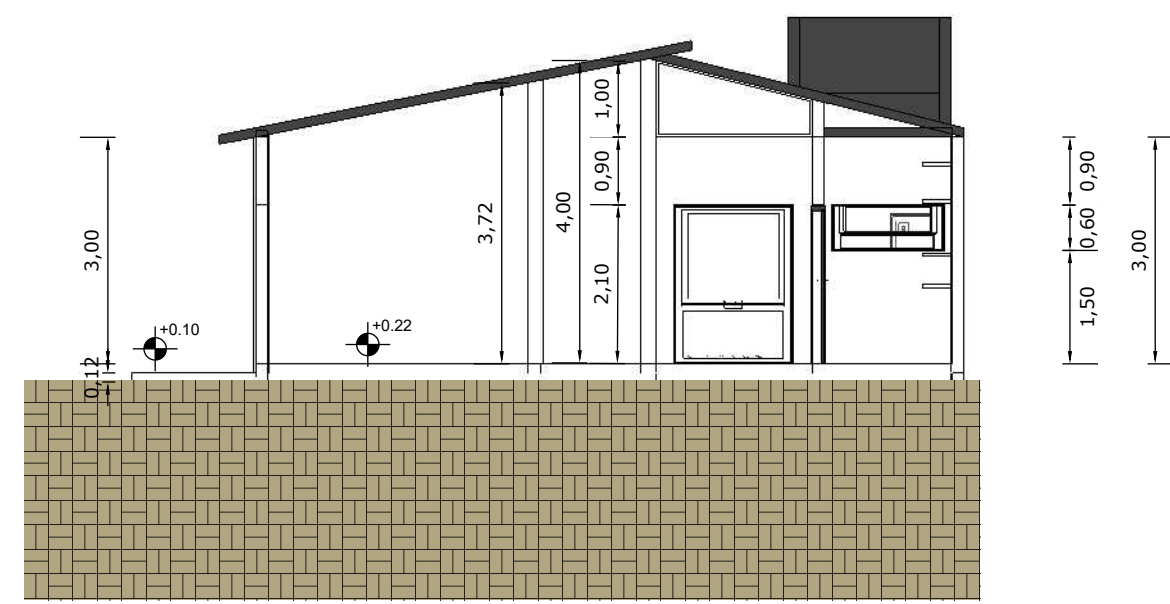
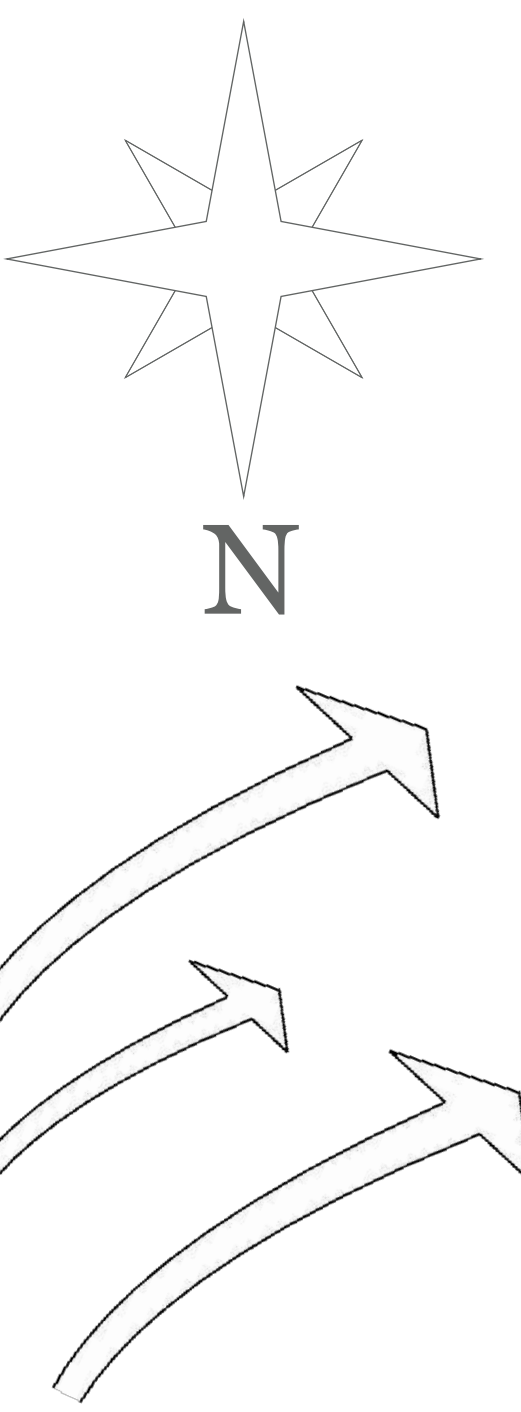
Planta de Cobertura Humanizada- Casa 3
Esc:1/100



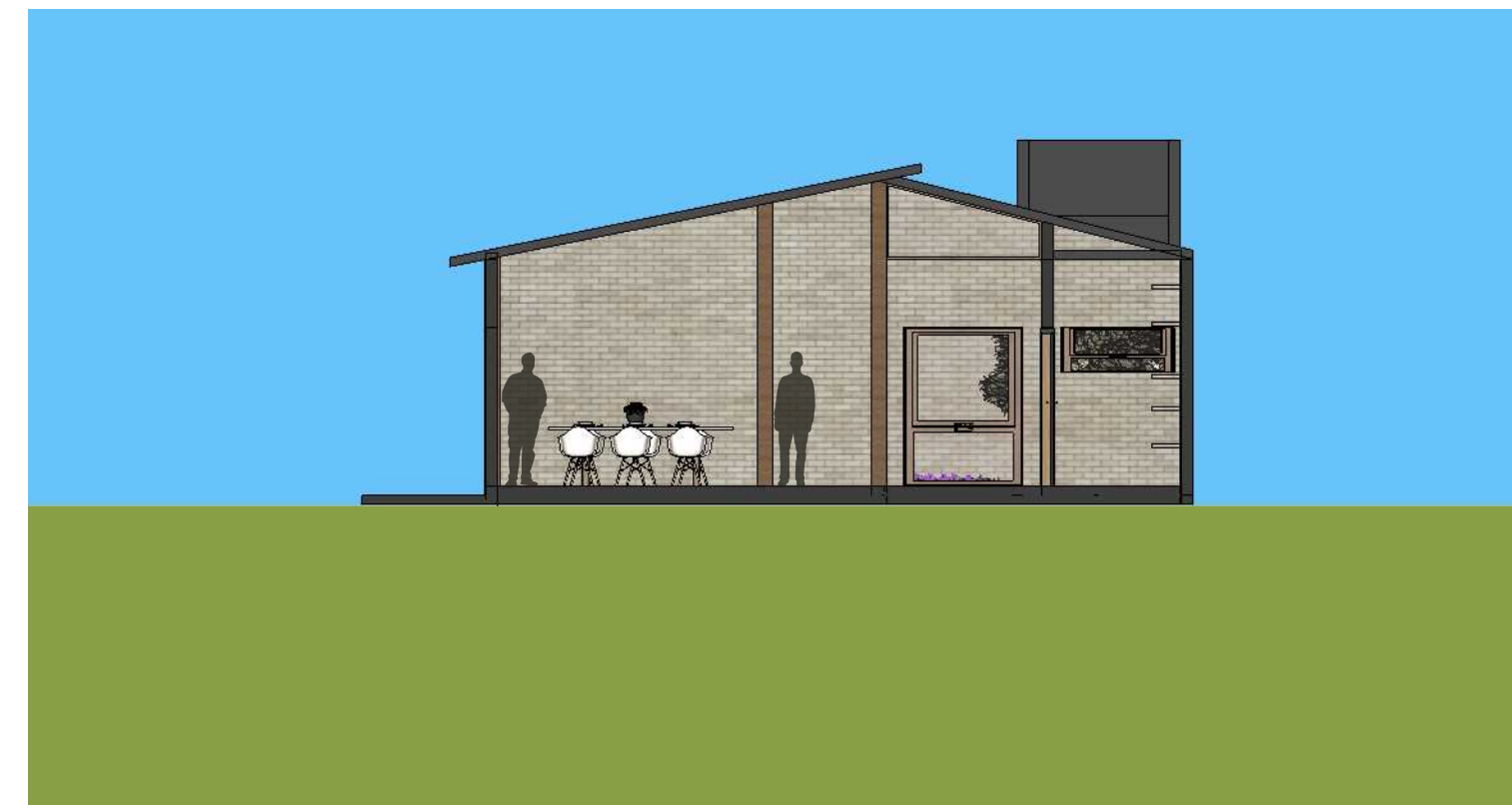
Planta Baixa Humanizada - Casa 3
Esc:1/100



Elevação A- Casa 3
Esc:1/100



Corte AA - Casa 3
Esc:1/100



Corte AA Humanizado - Casa 3
Esc:1/100



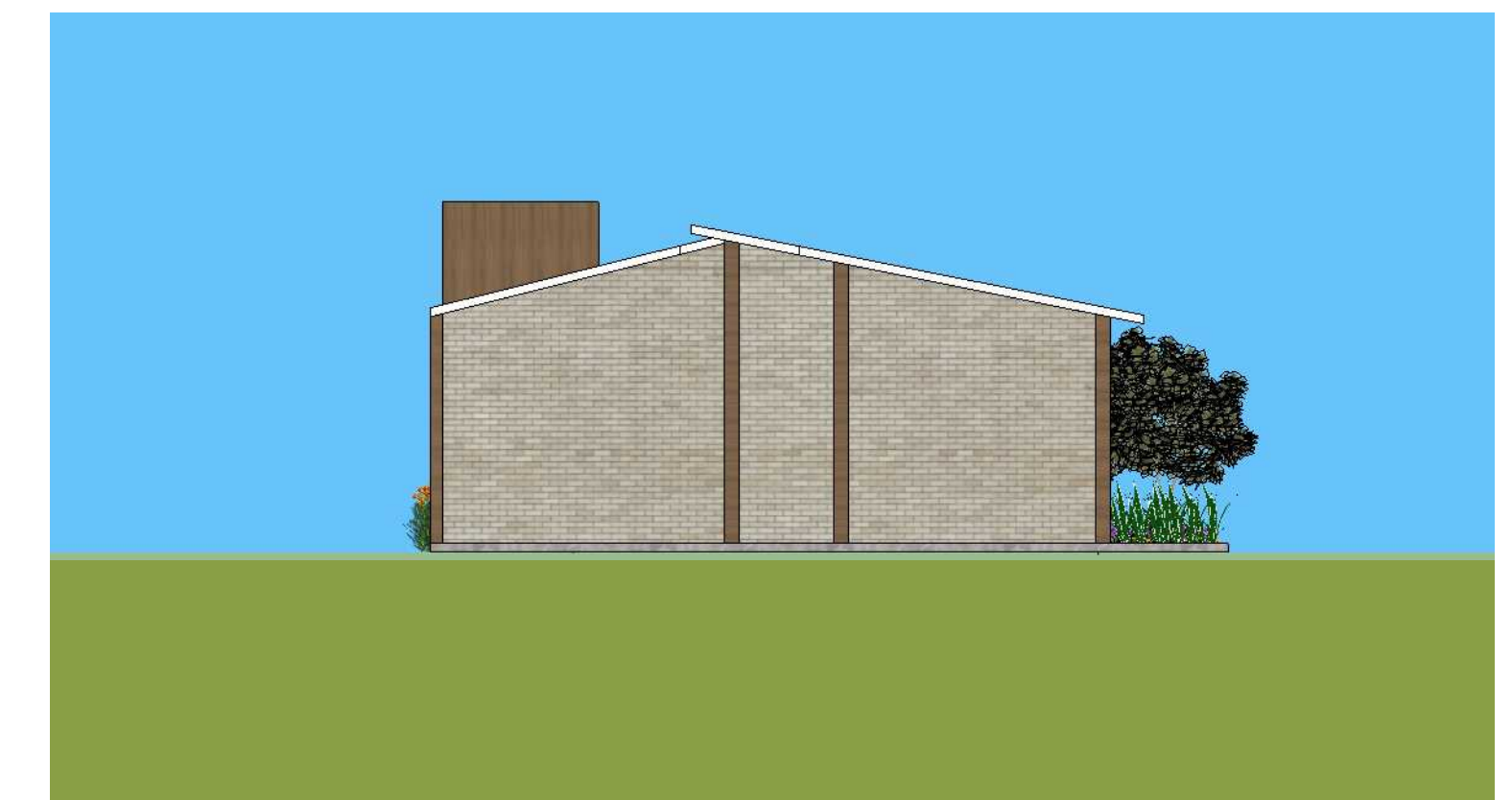
Elevação B- Casa 3
Esc:1/100



Corte BB - Casa 3
Esc:1/100



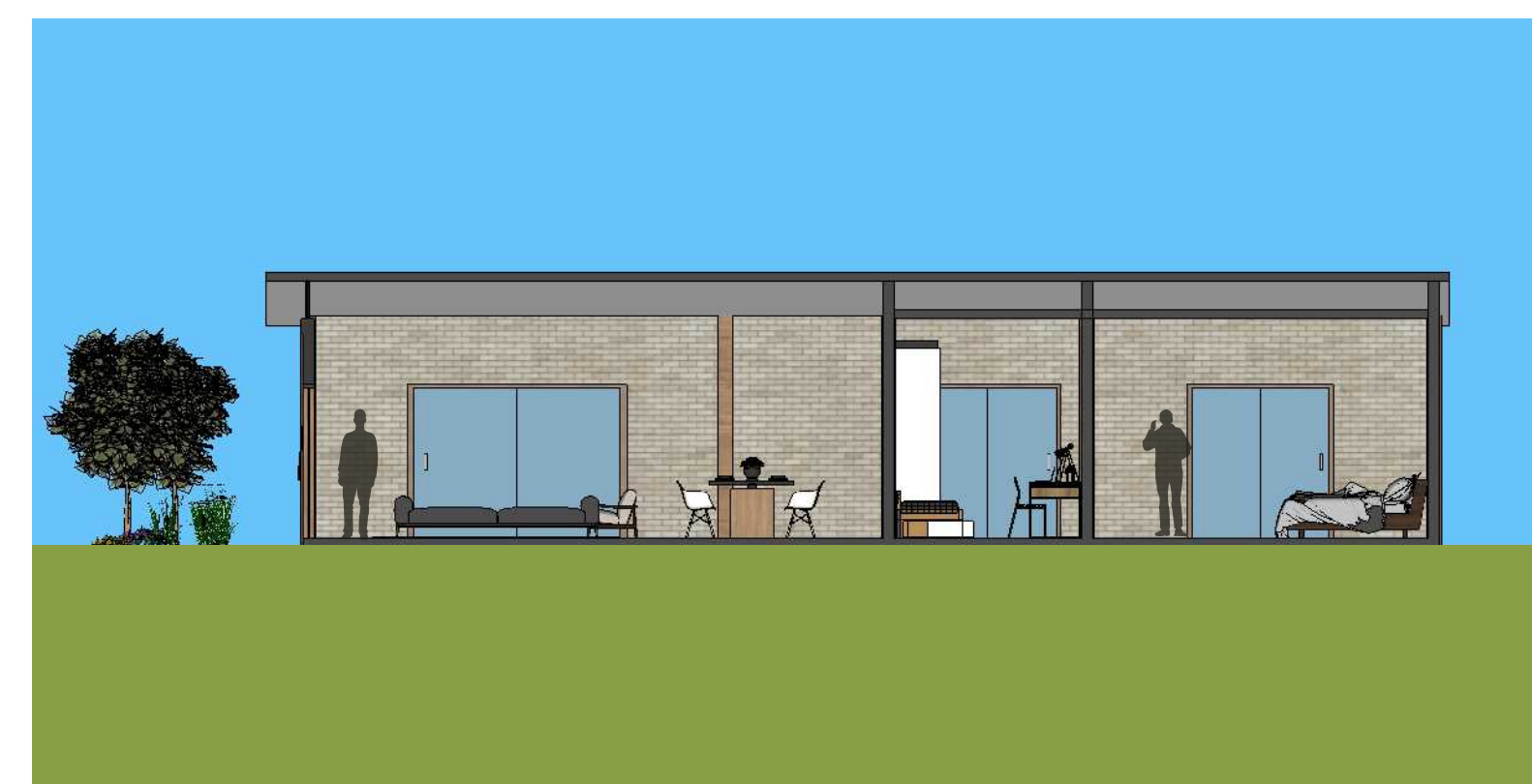
Corte BB Humanizado - Casa 3
Esc:1/100



Elevação C- Casa 3
Esc:1/100



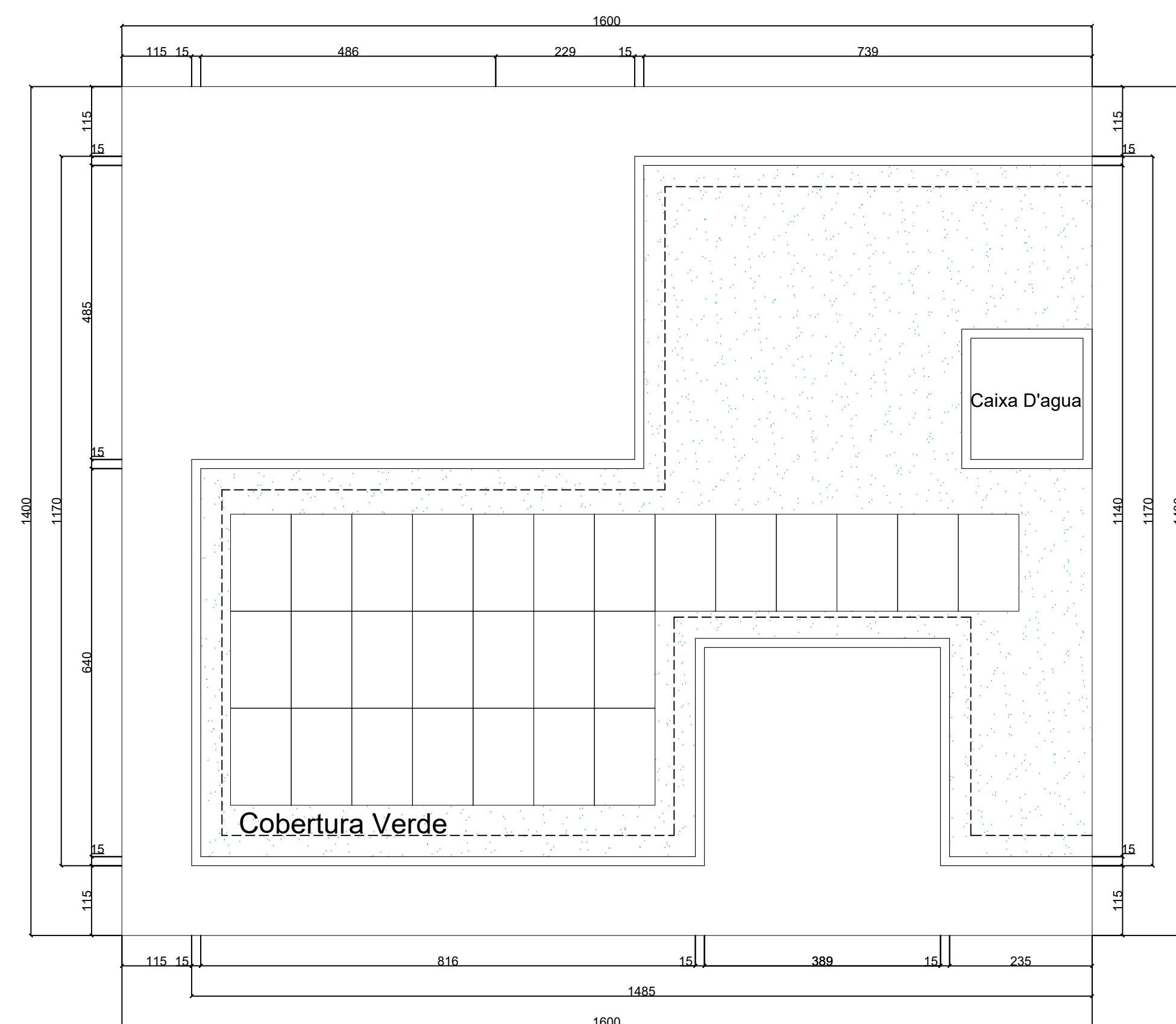
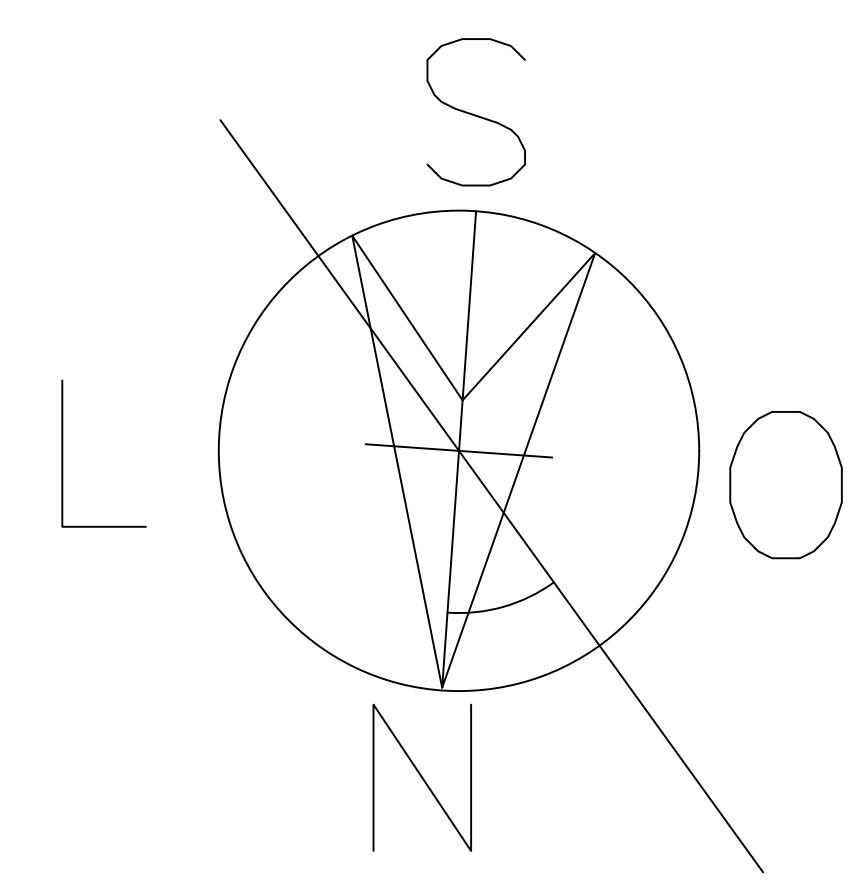
Corte CC - Casa 3
Esc:1/100



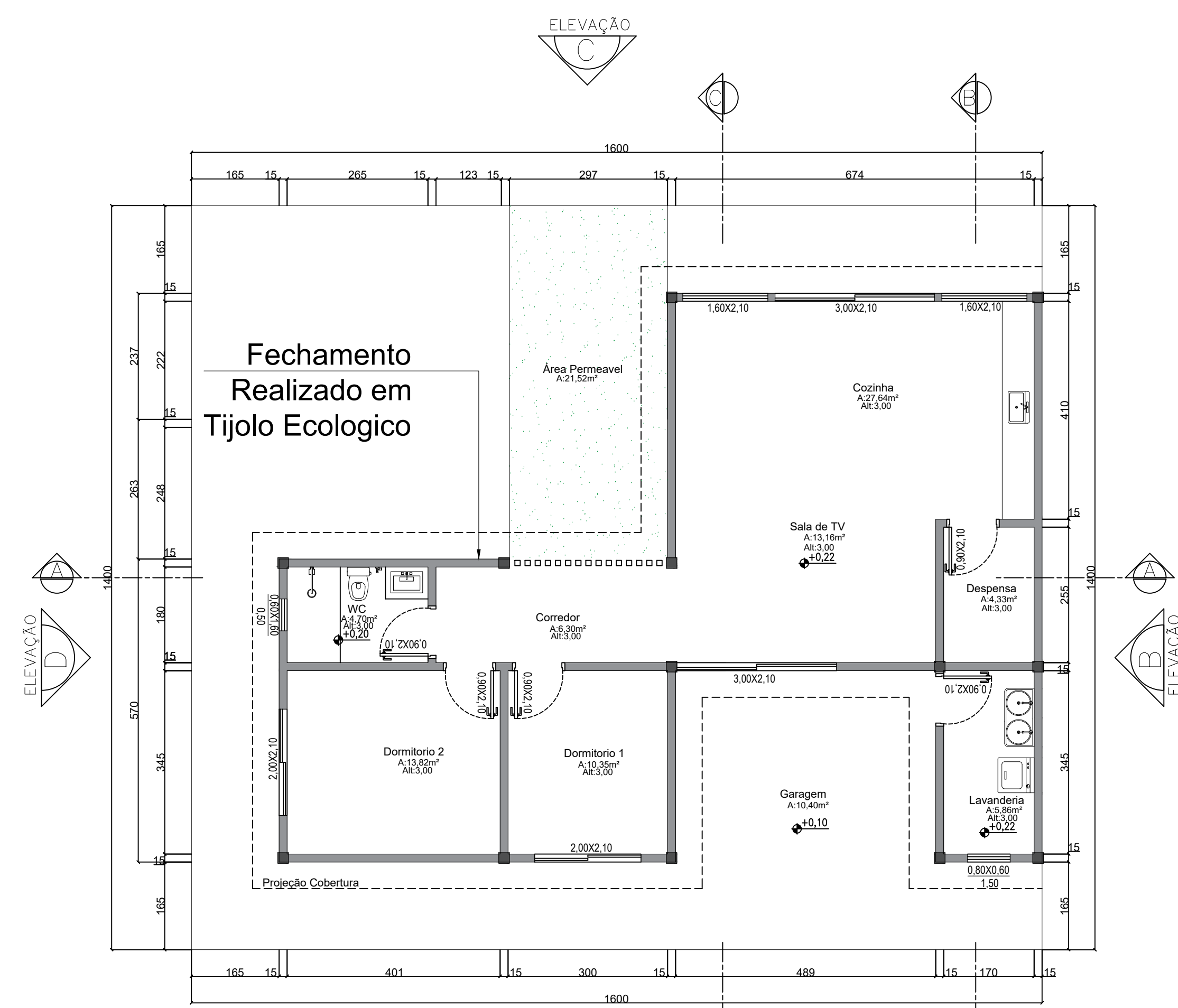
Corte BB Humanizado - Casa 3
Esc:1/100



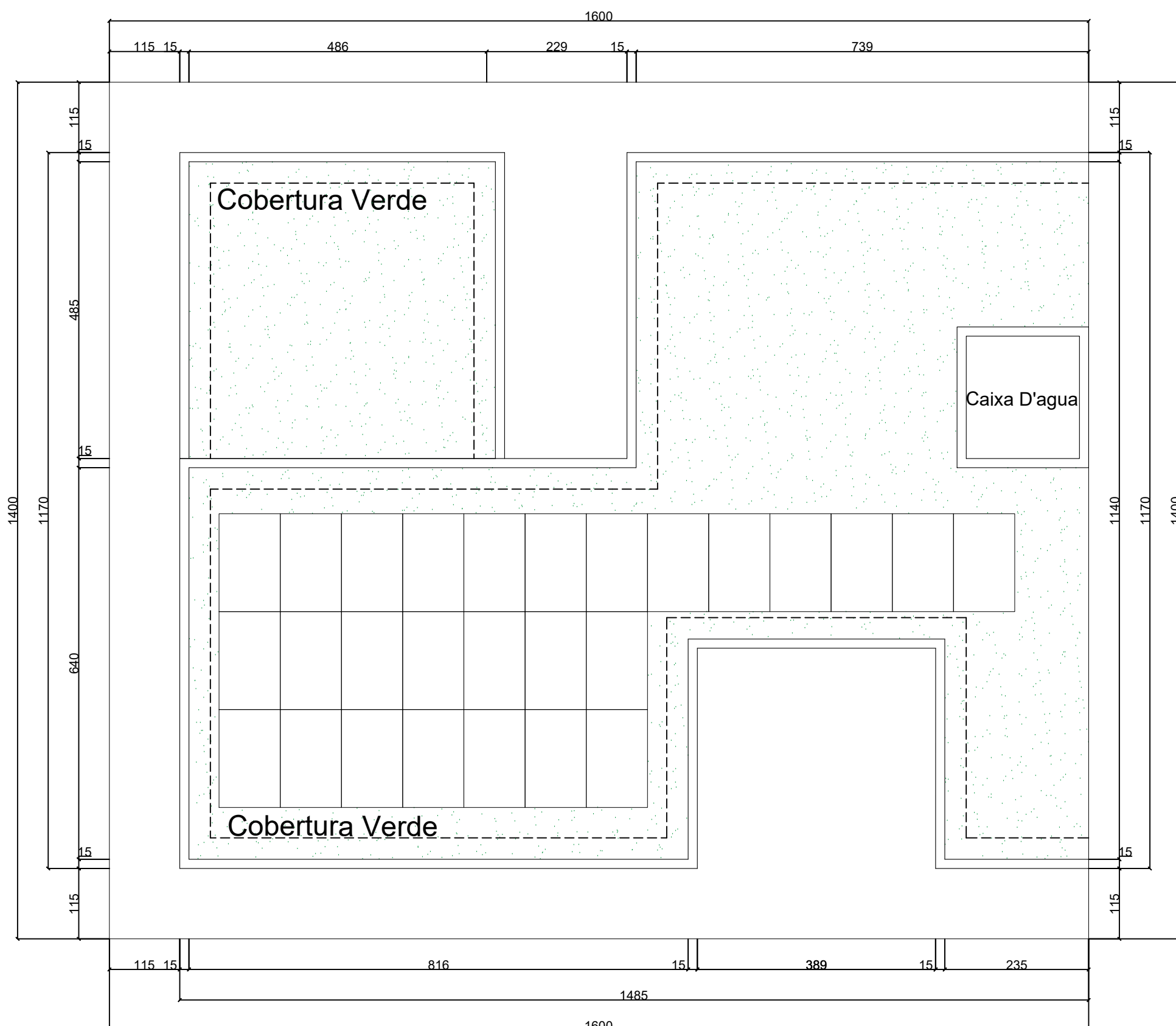
Elevação D- Casa 3
Esc:1/100



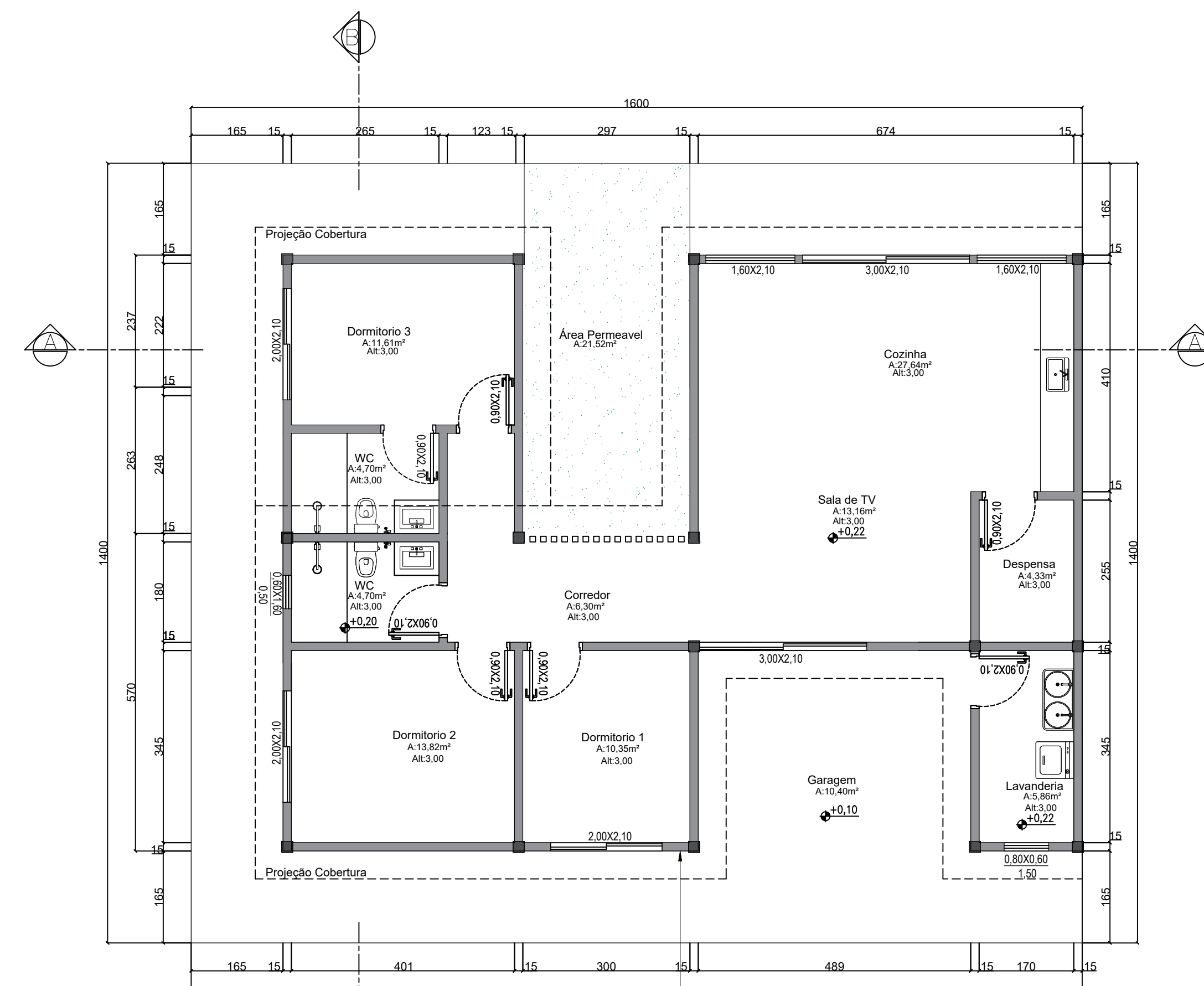
Planta de Cobertura - Casa 4
Esc.: 1/75



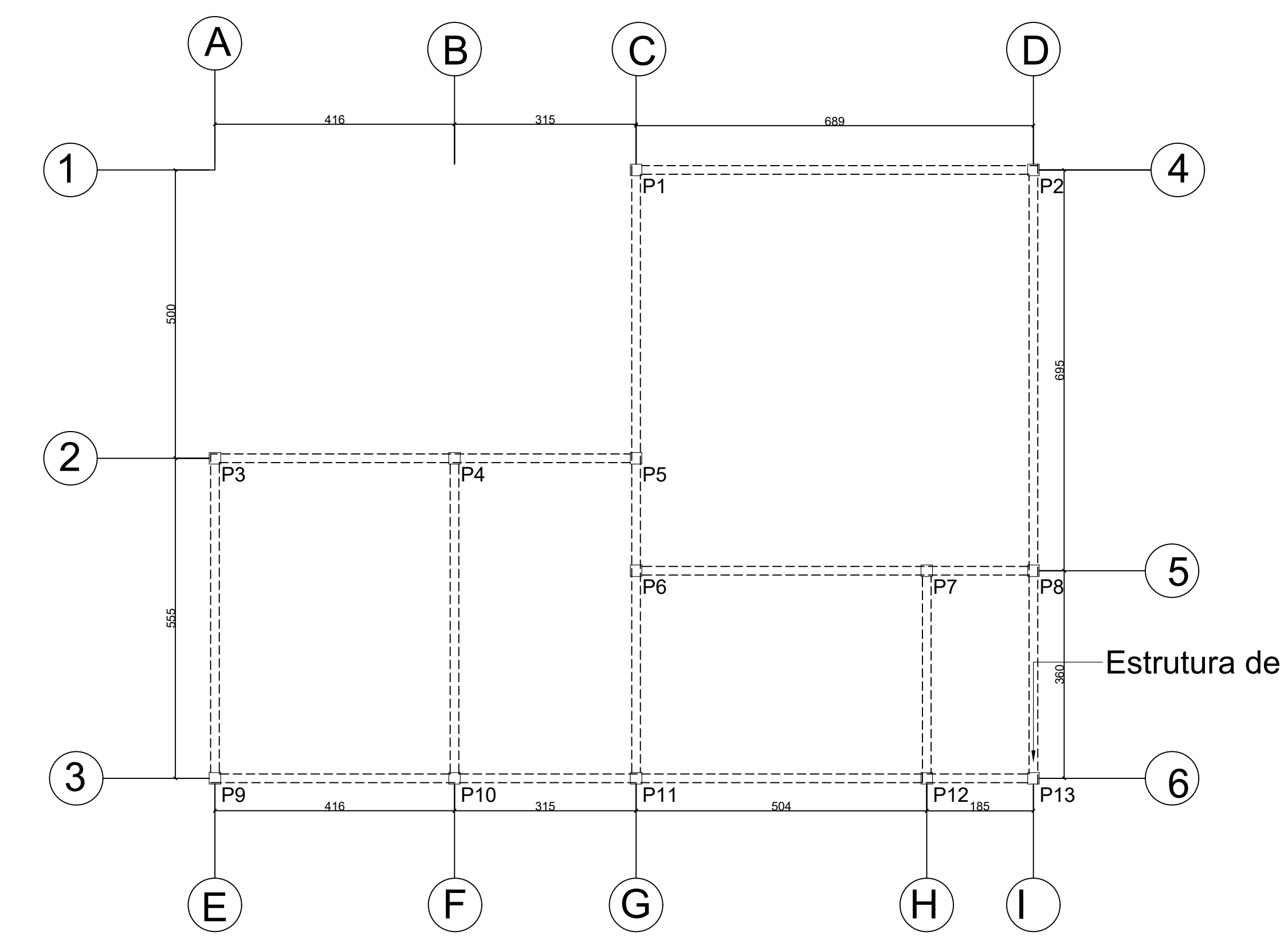
Planta Baixa - Casa 4
Esc.: 1/75



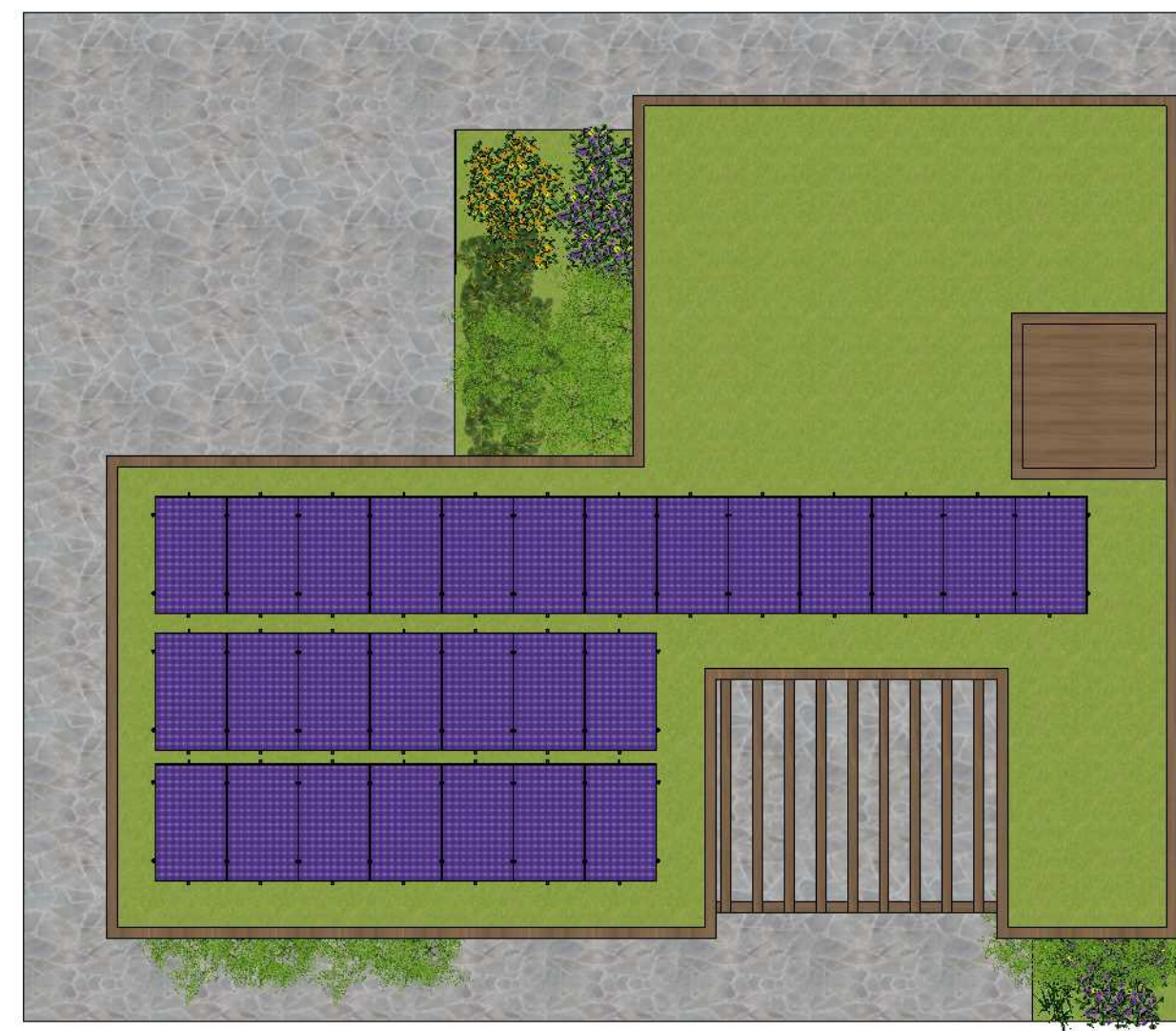
Planta de Cobertura - Casa 4 Com Extensão
Esc.: 1/75



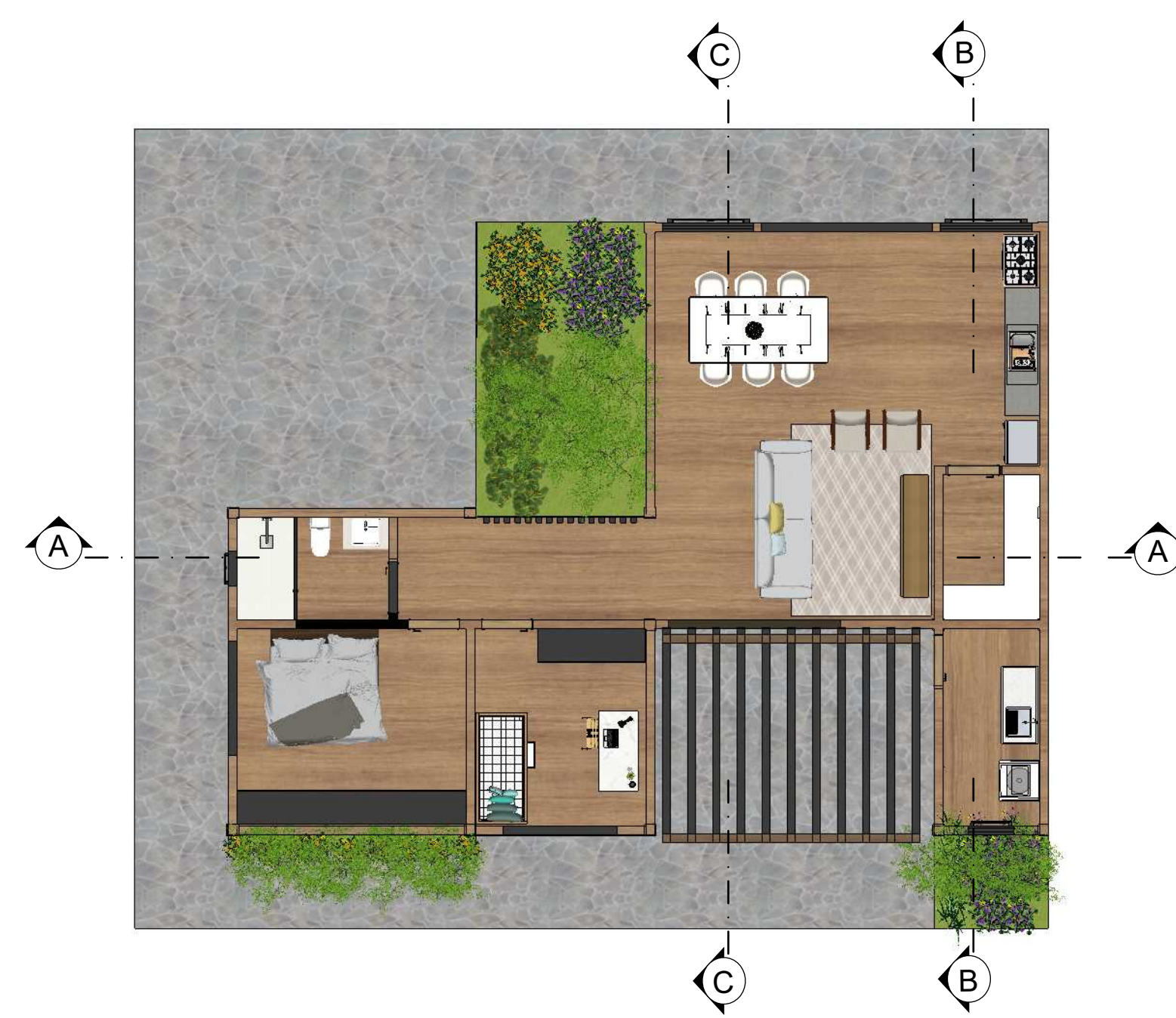
Planta Baixa - Casa 4
Esc.: 1/75



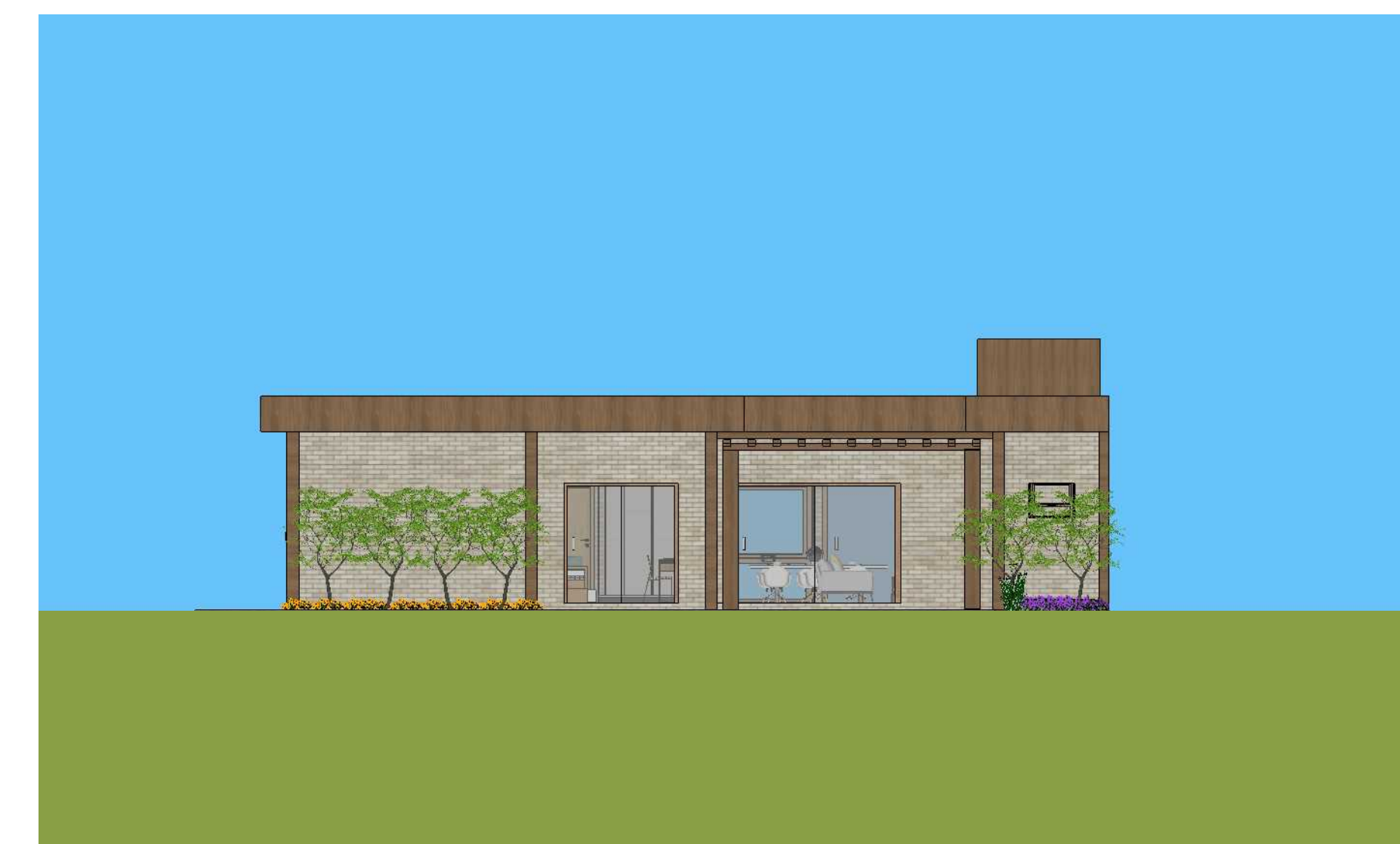
Planta Estrutural - Casa 4
Esc.: 1/75



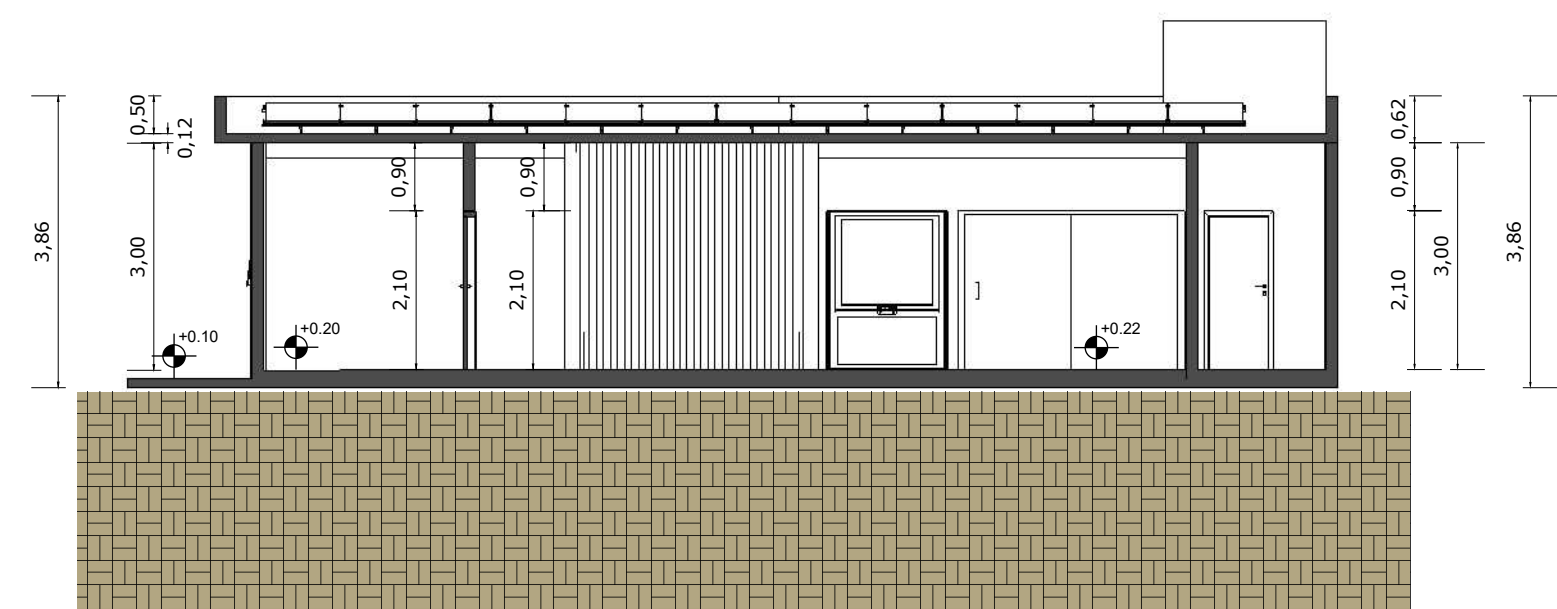
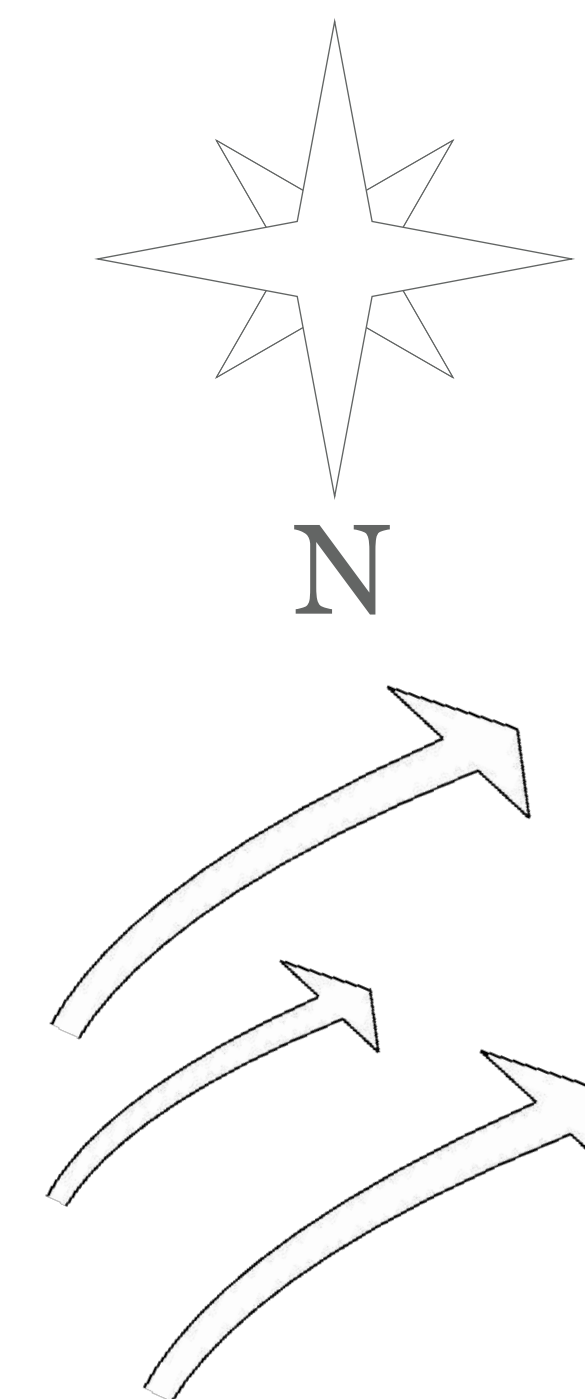
Planta de Cobertura Humanizada- Casa 4
Esc:1/100



Planta Baixa Humanizada - Casa 4
Esc:1/100



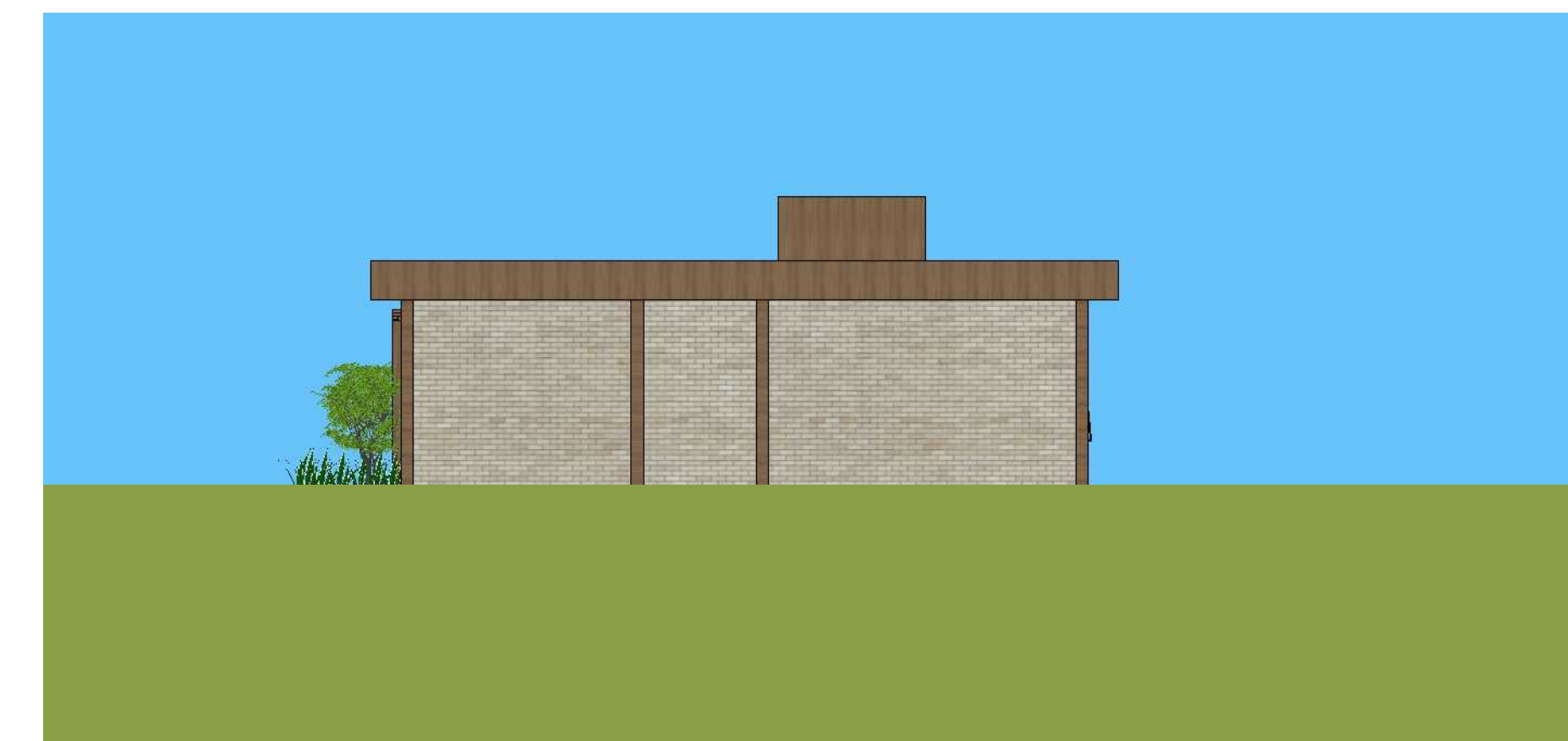
Elevação A- Casa 4
Esc:1/100



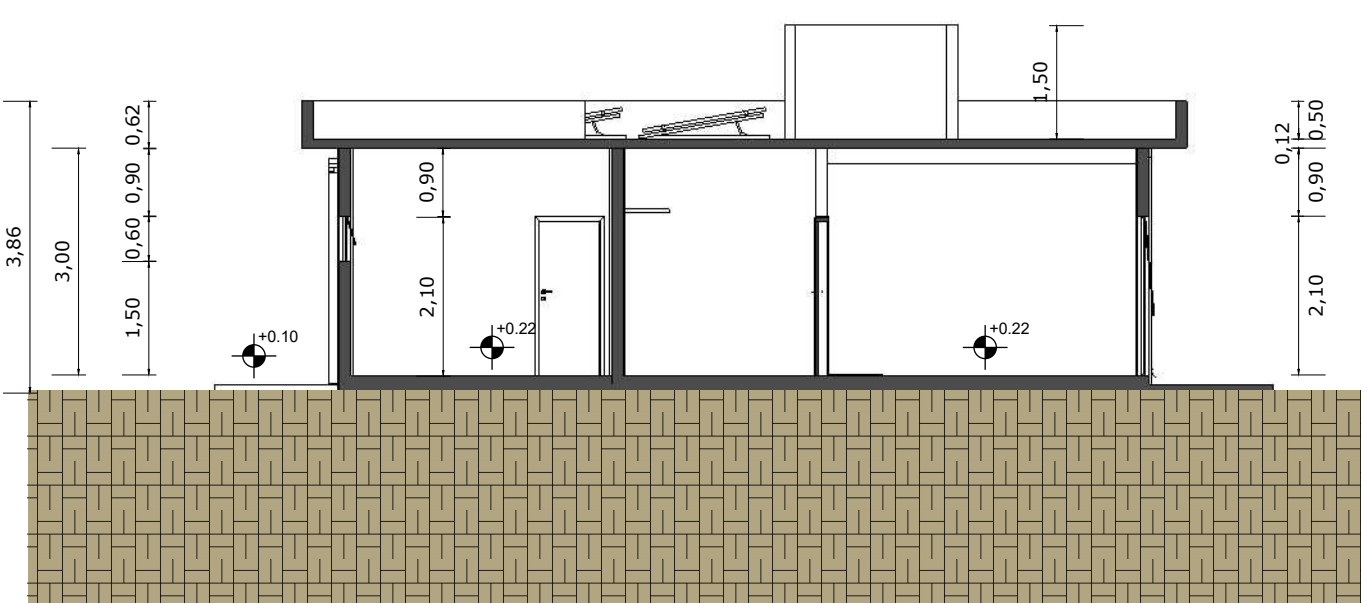
Corte AA - Casa 4
Esc:1/100



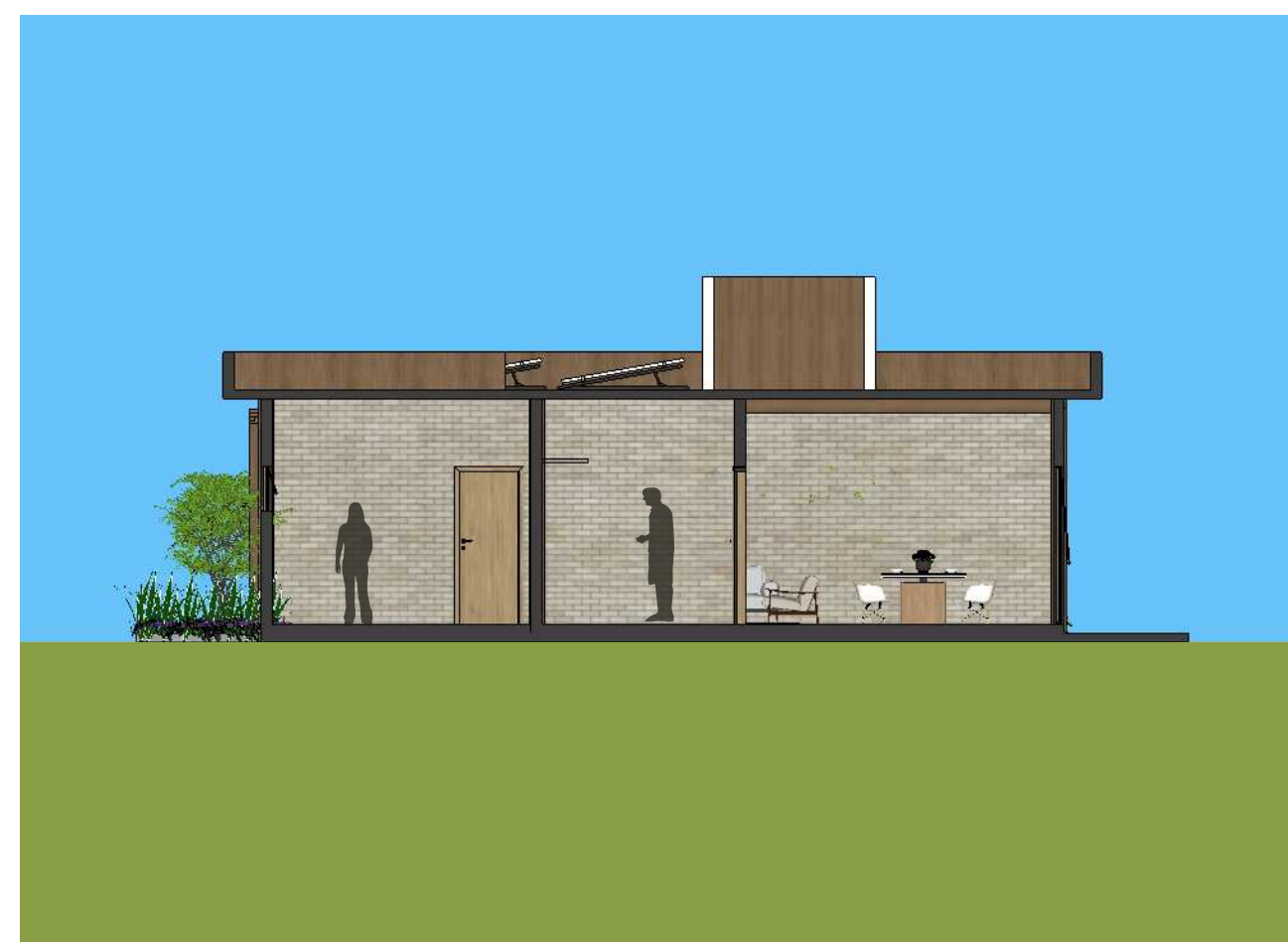
Corte AA Humanizado - Casa 4
Esc:1/100



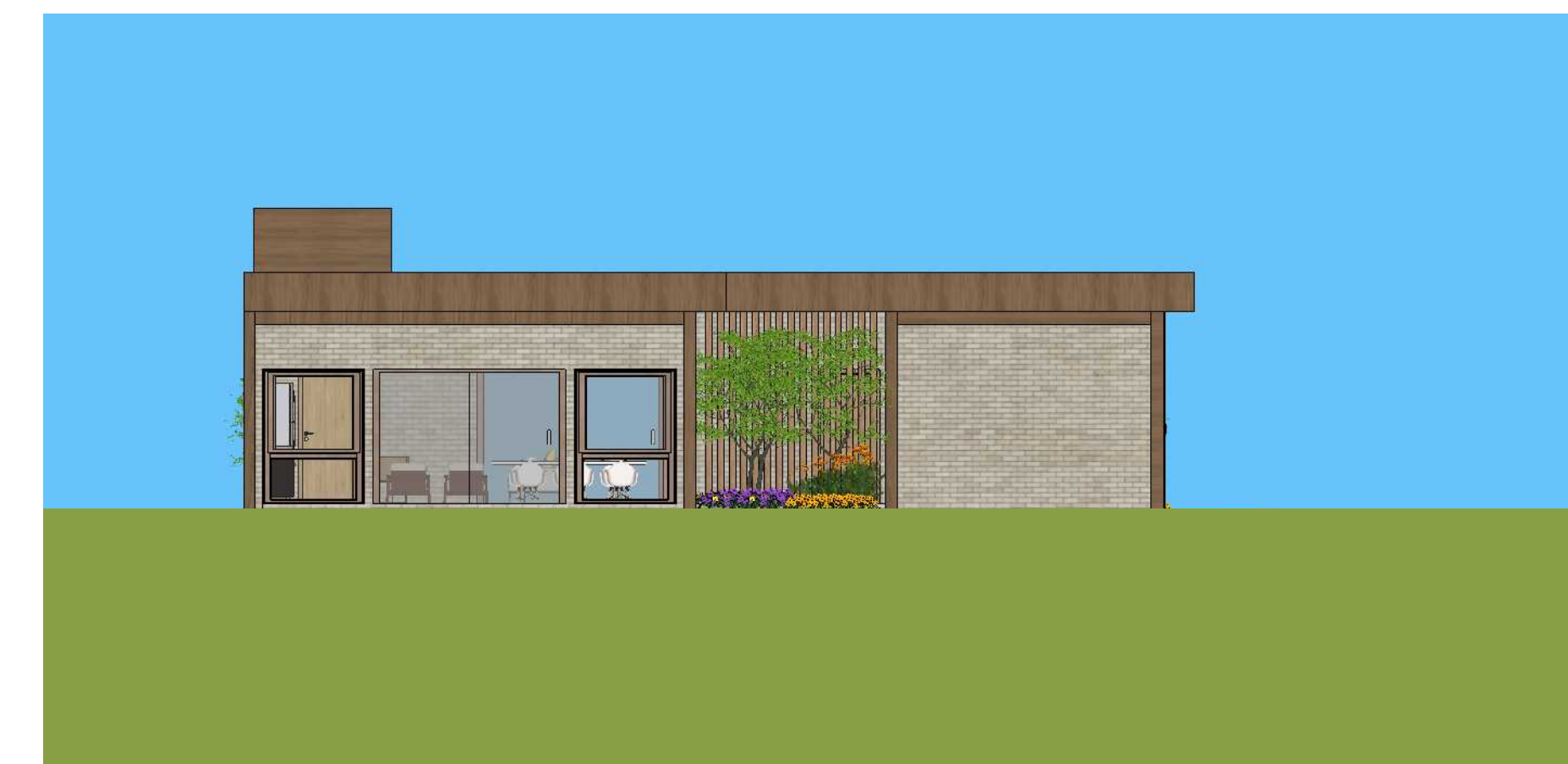
Elevação B- Casa 4
Esc:1/100



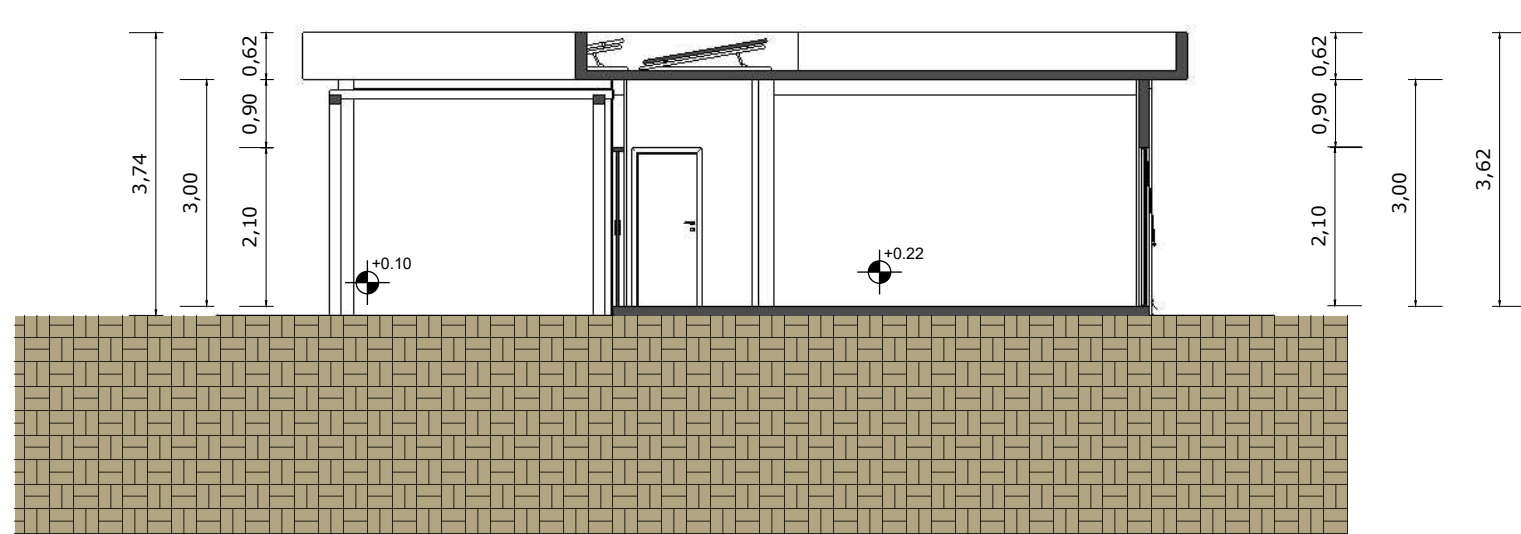
Corte BB - Casa 4
Esc:1/100



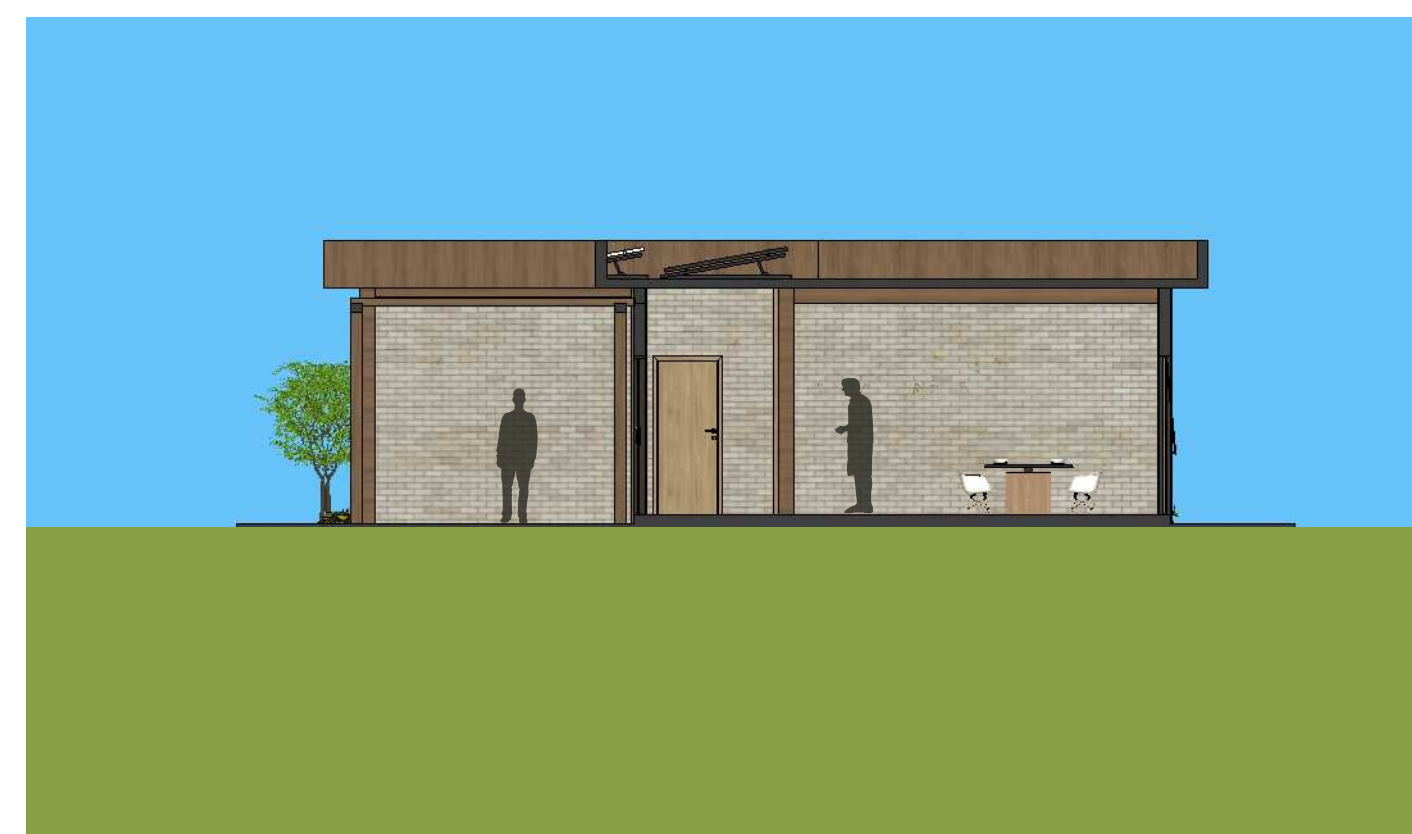
Corte BB Humanizado - Casa 4
Esc:1/100



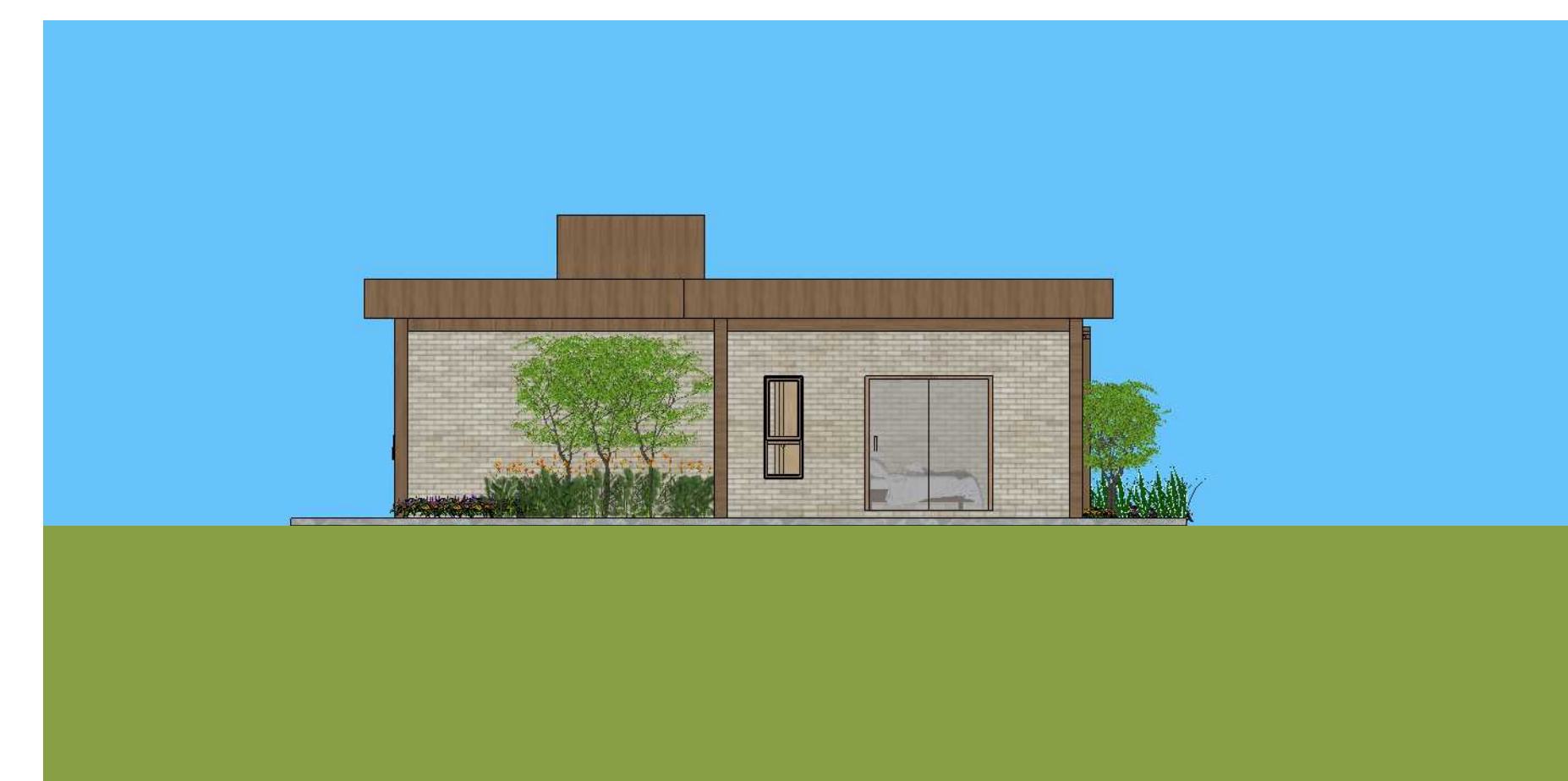
Elevação C- Casa 4
Esc:1/100



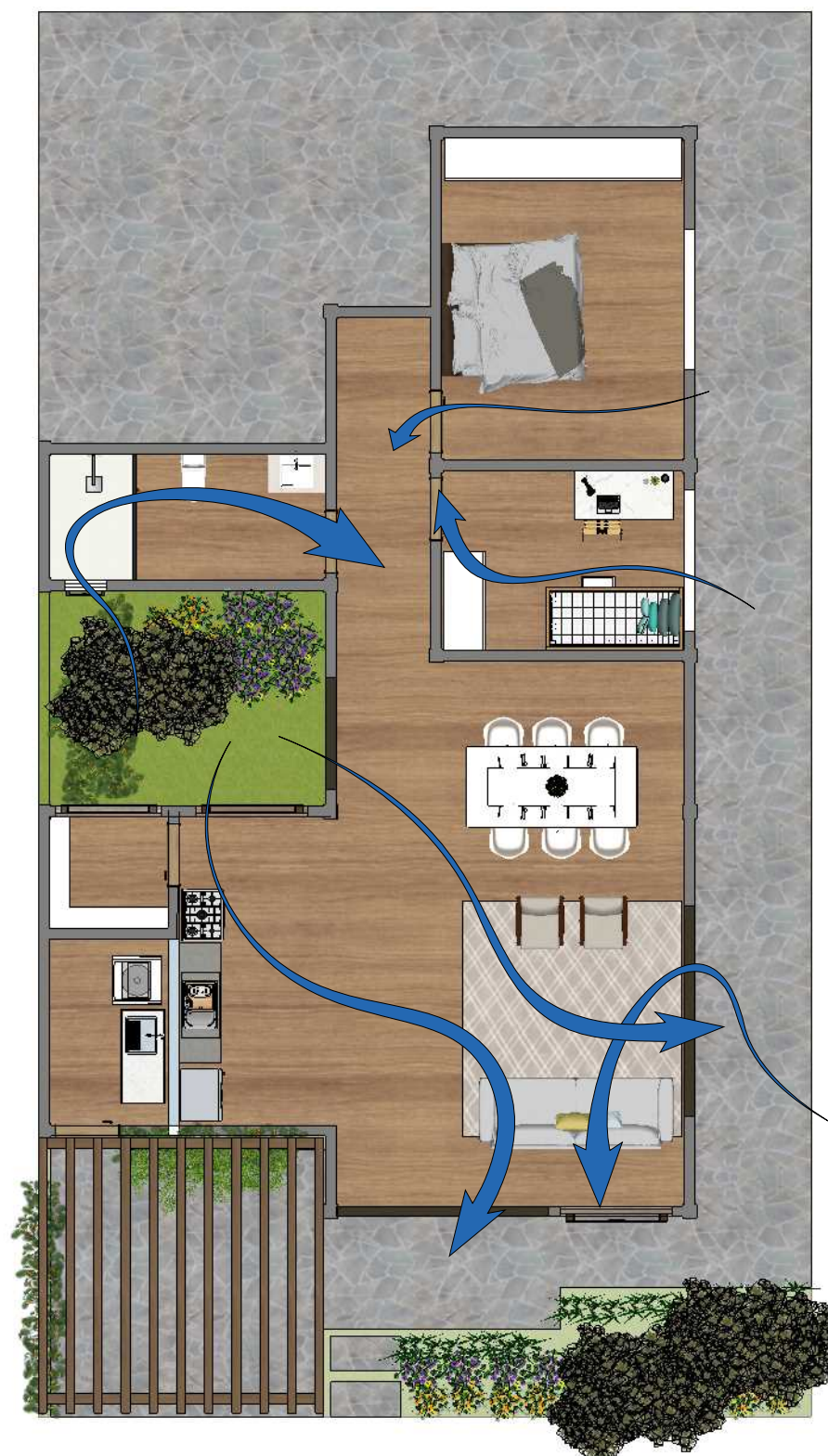
Corte CC - Casa 4
Esc:1/100



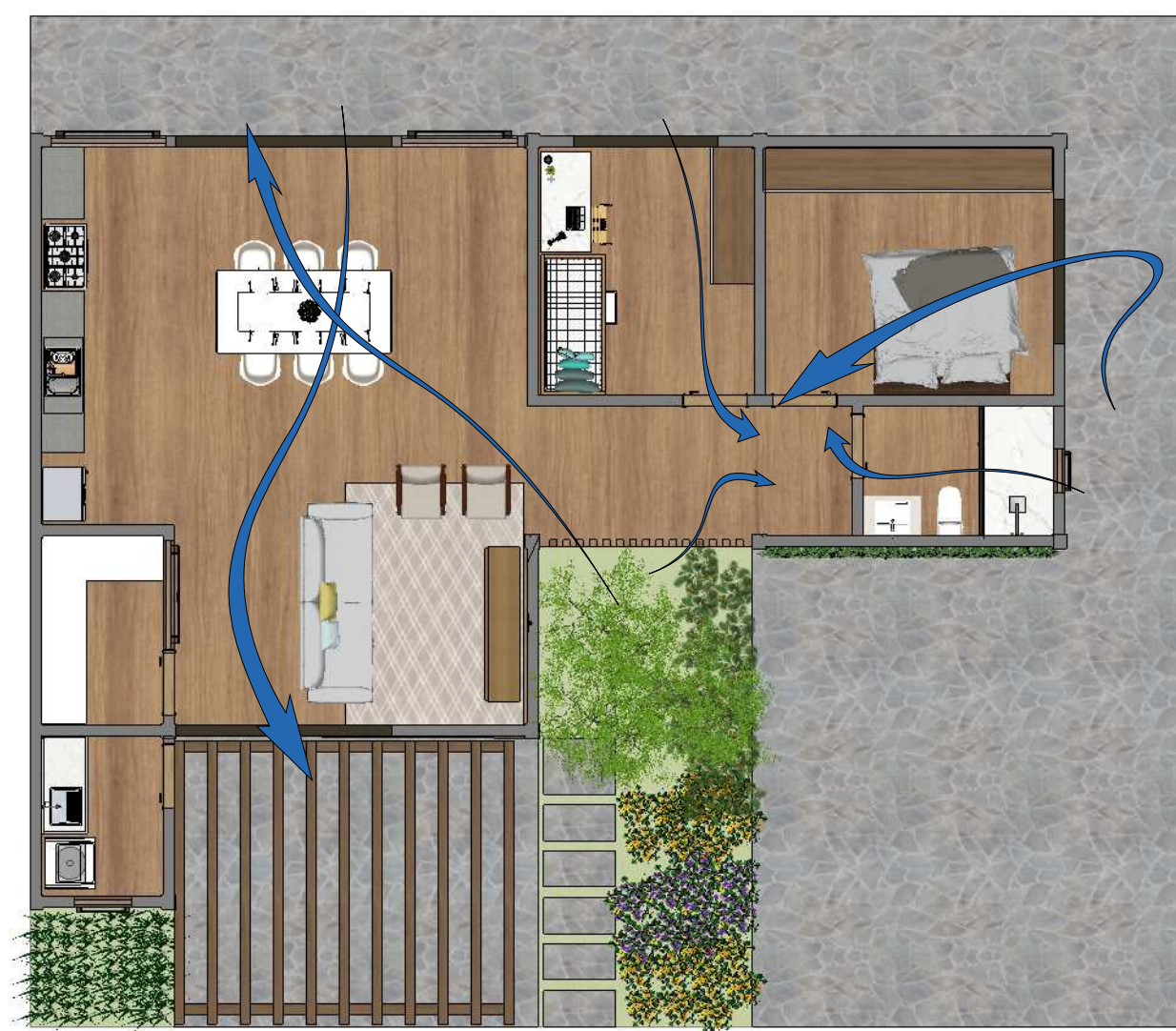
Corte BB Humanizado - Casa 4
Esc:1/100



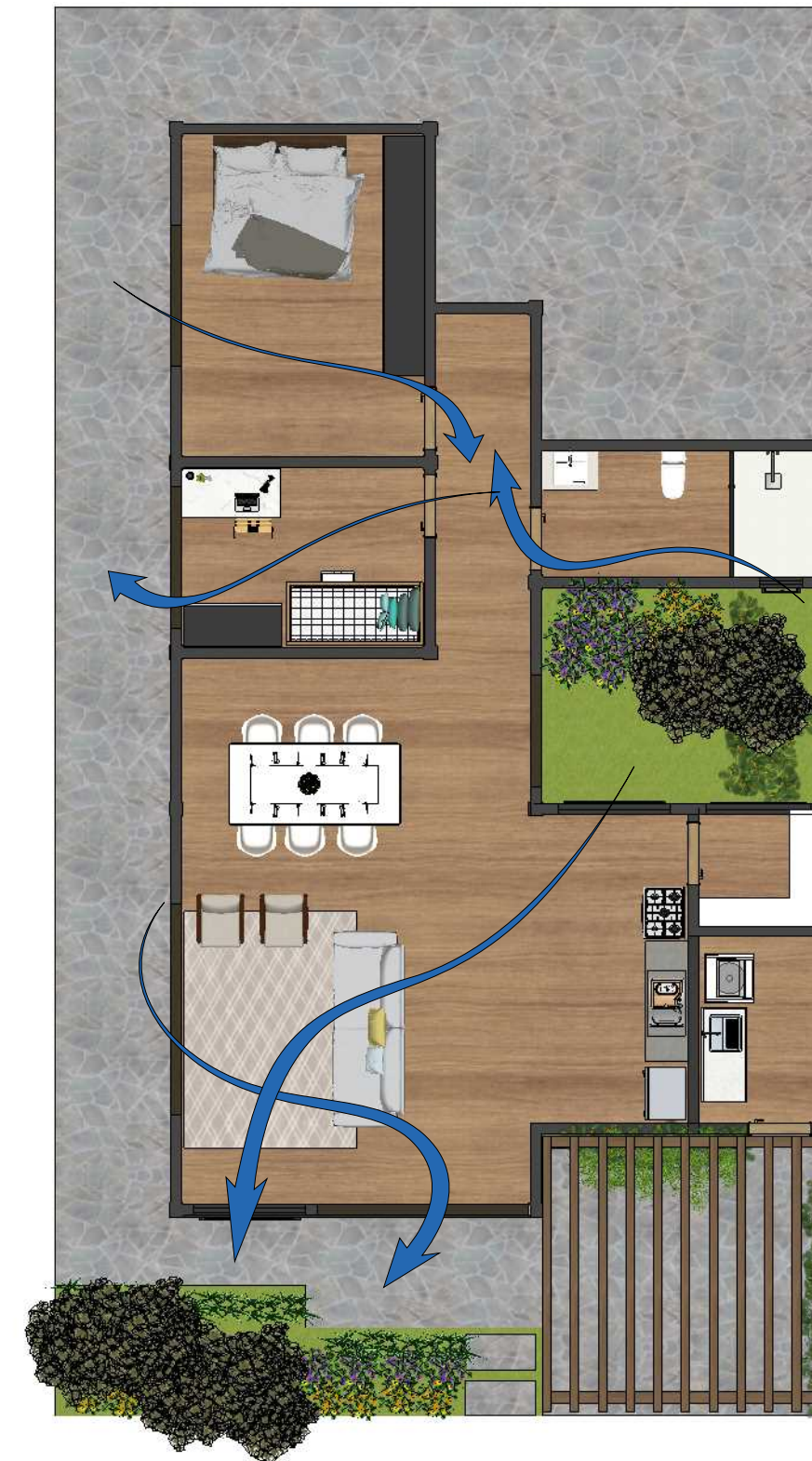
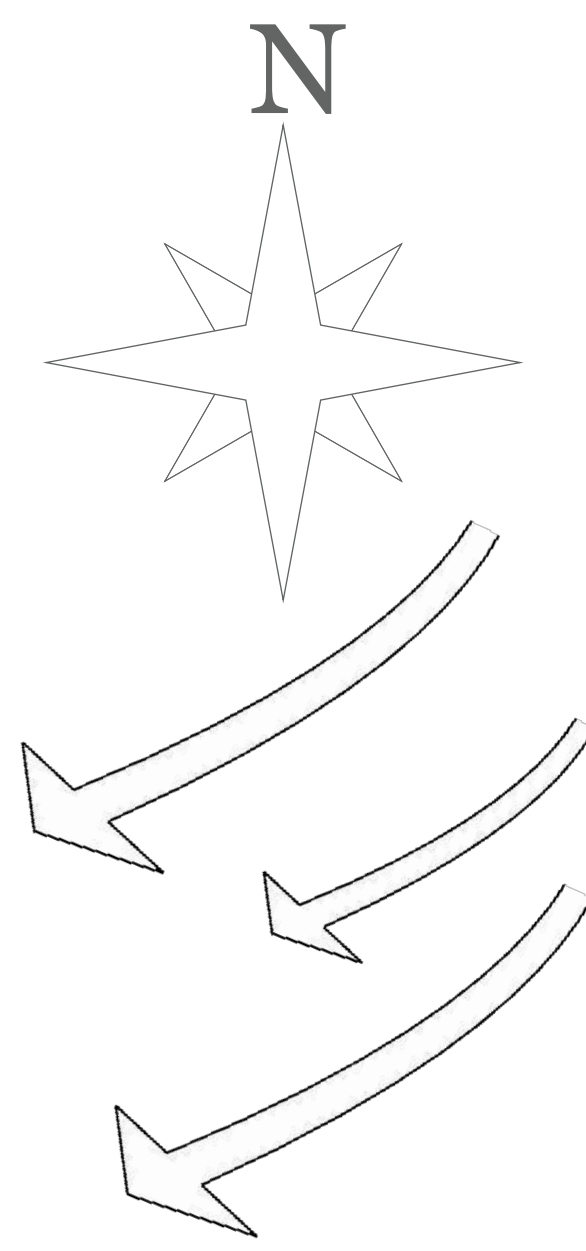
Elevação D- Casa 4
Esc:1/100



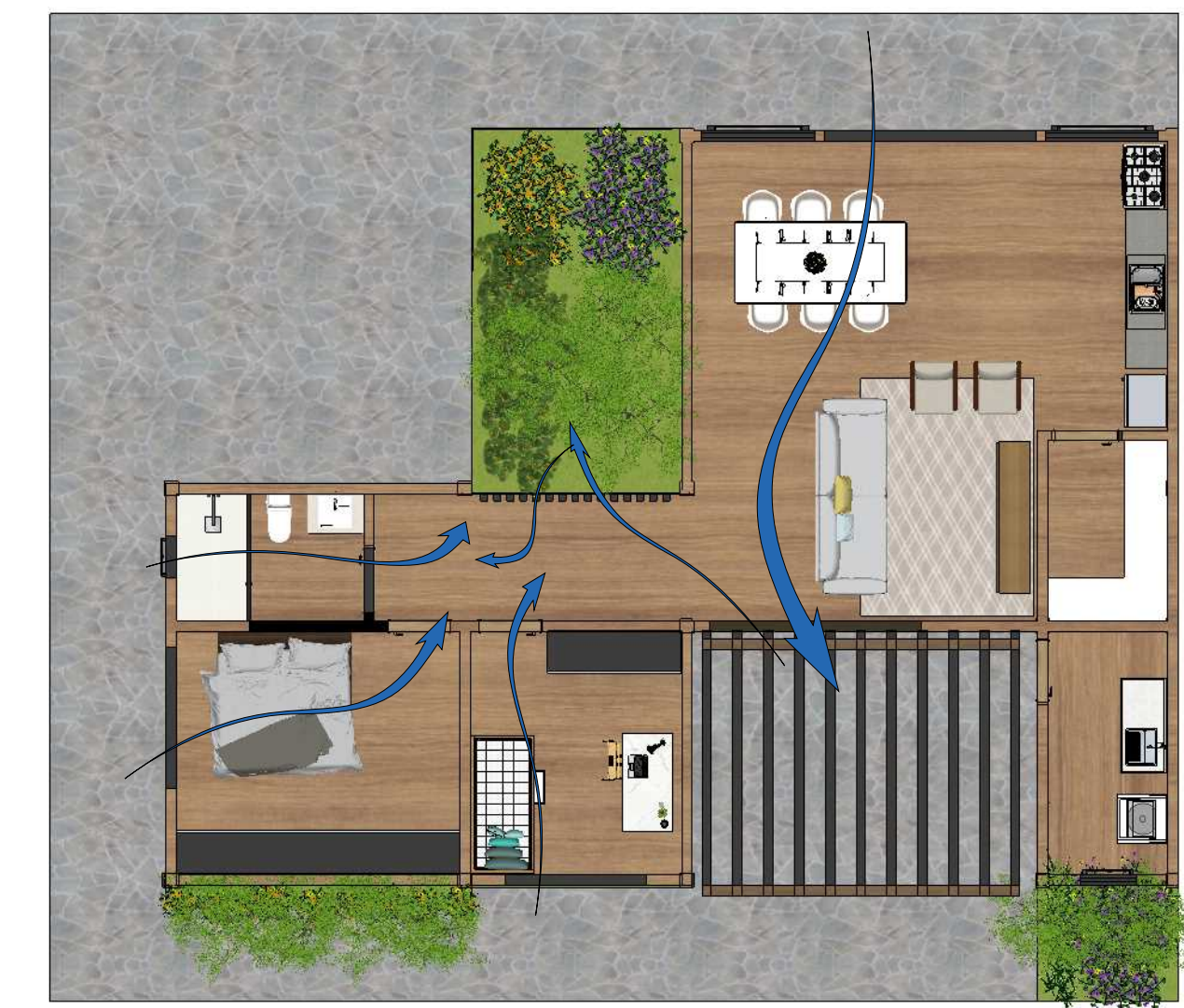
Planta de Ventilação- Casa 1
Esc:1/100



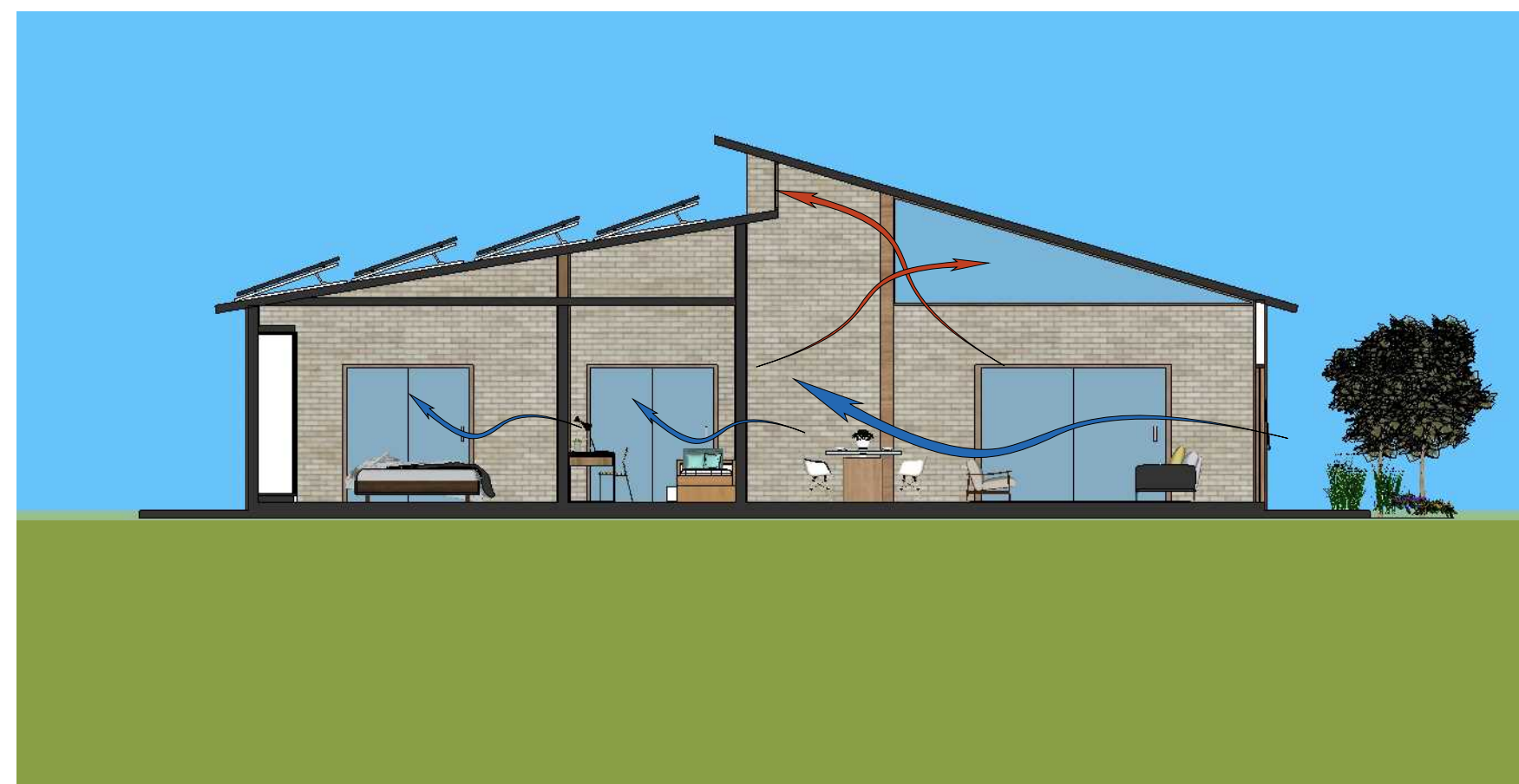
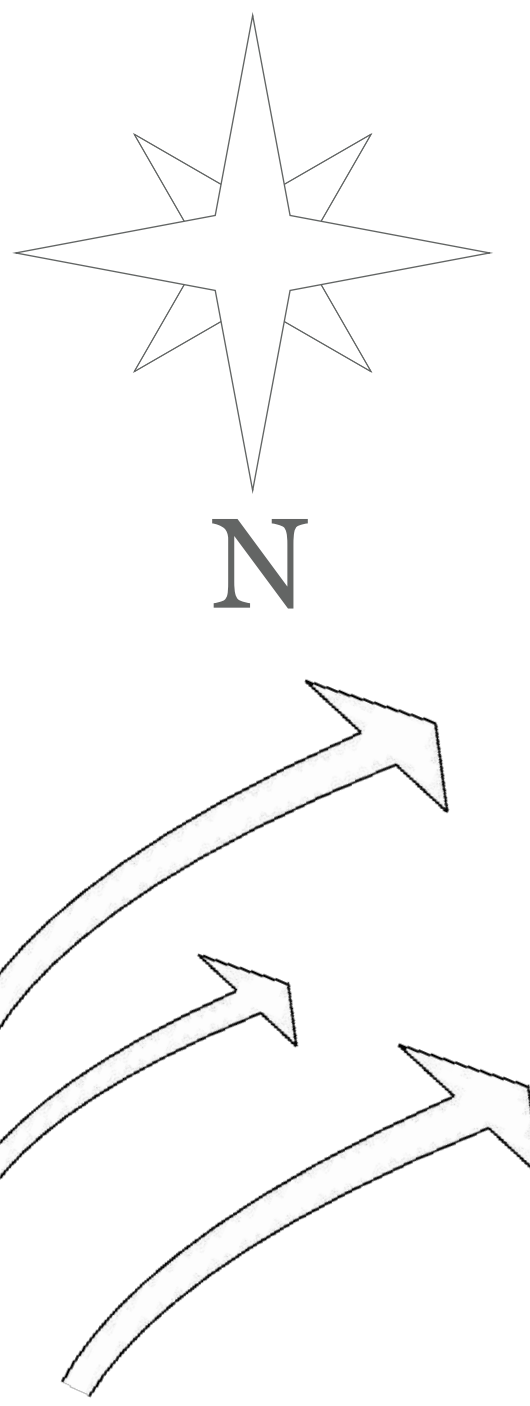
Planta de Ventilação- Casa 2
Esc:1/100



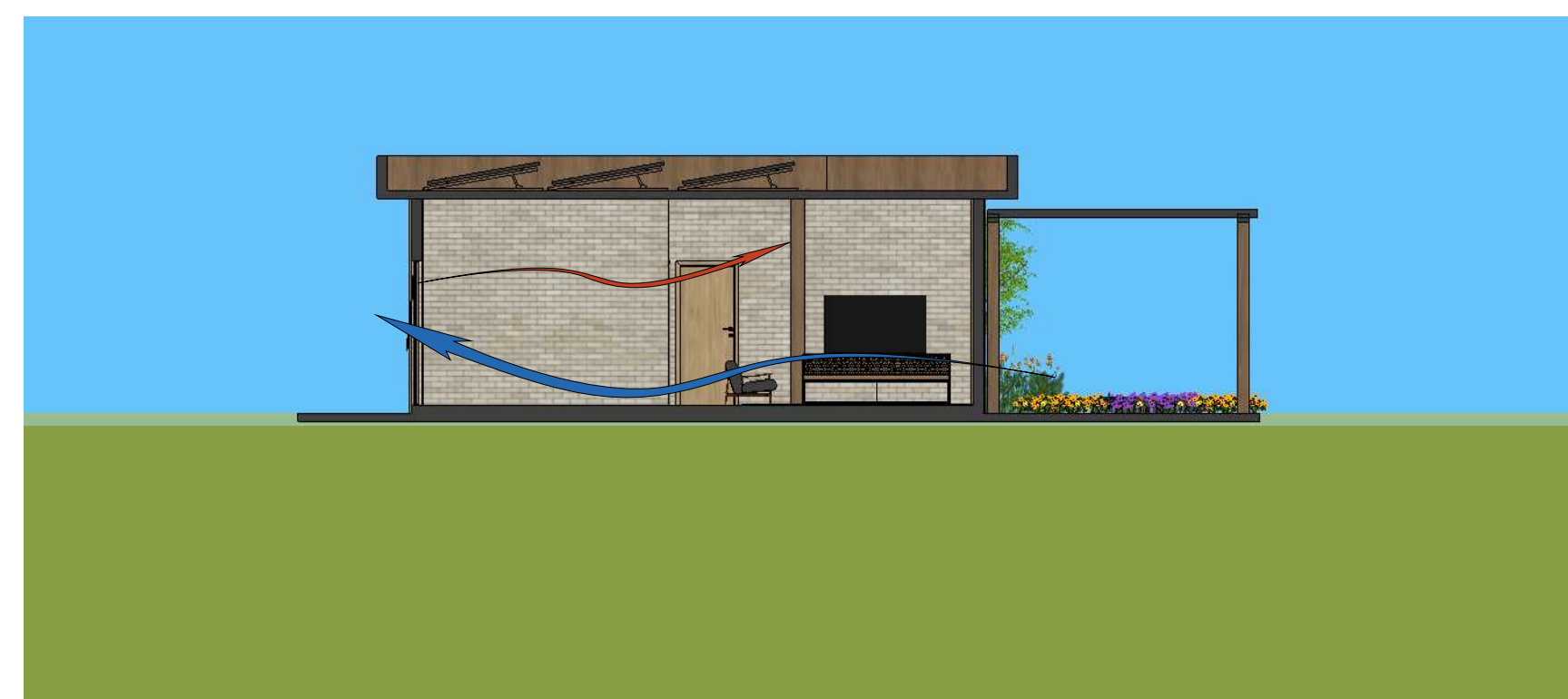
Planta de Ventilação- Casa 3
Esc:1/100



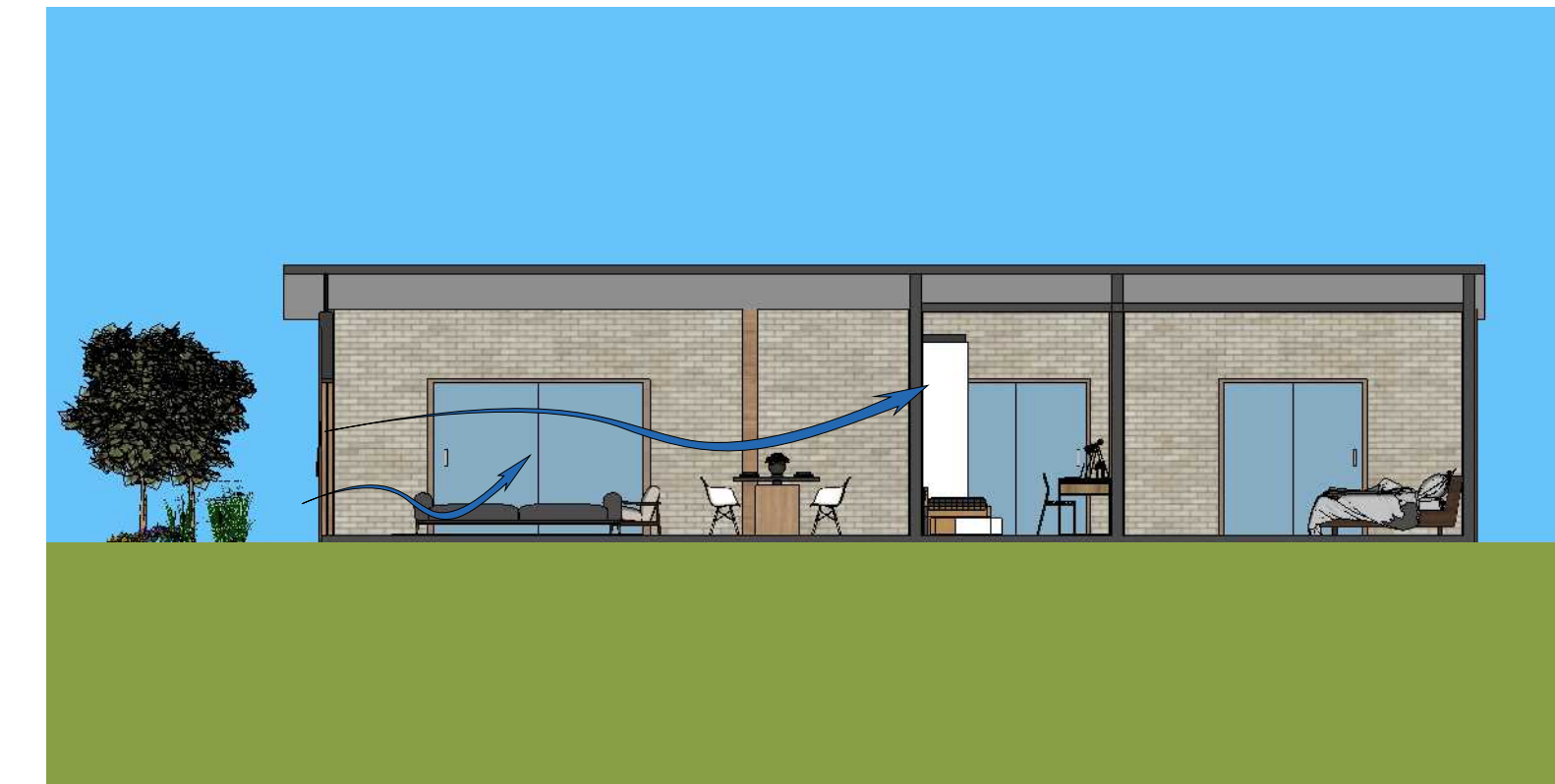
Planta de Ventilação- Casa 4
Esc:1/100



Corte de Ventilação- Casa 1
Esc:1/100



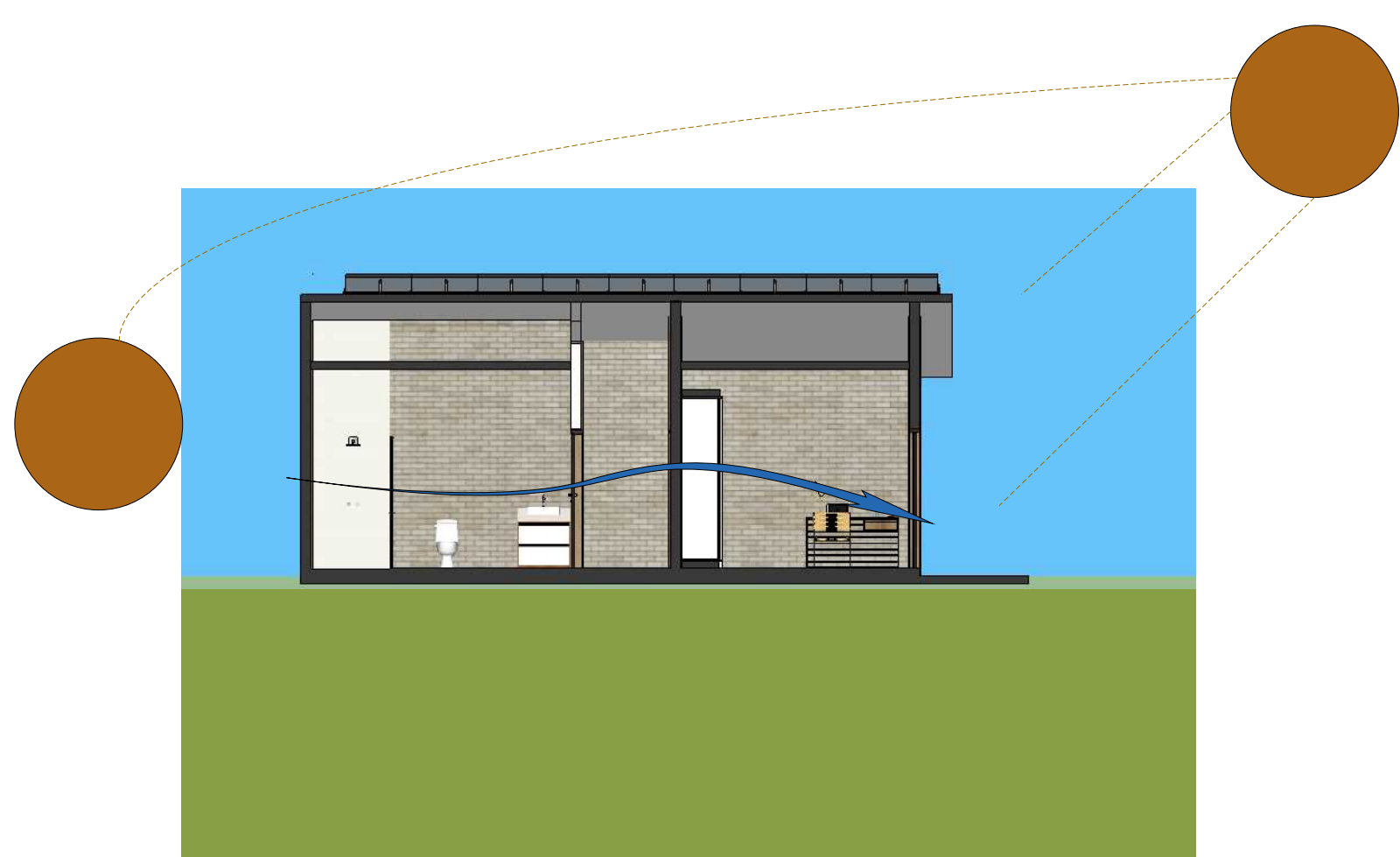
Corte de Ventilação- Casa 2
Esc:1/100



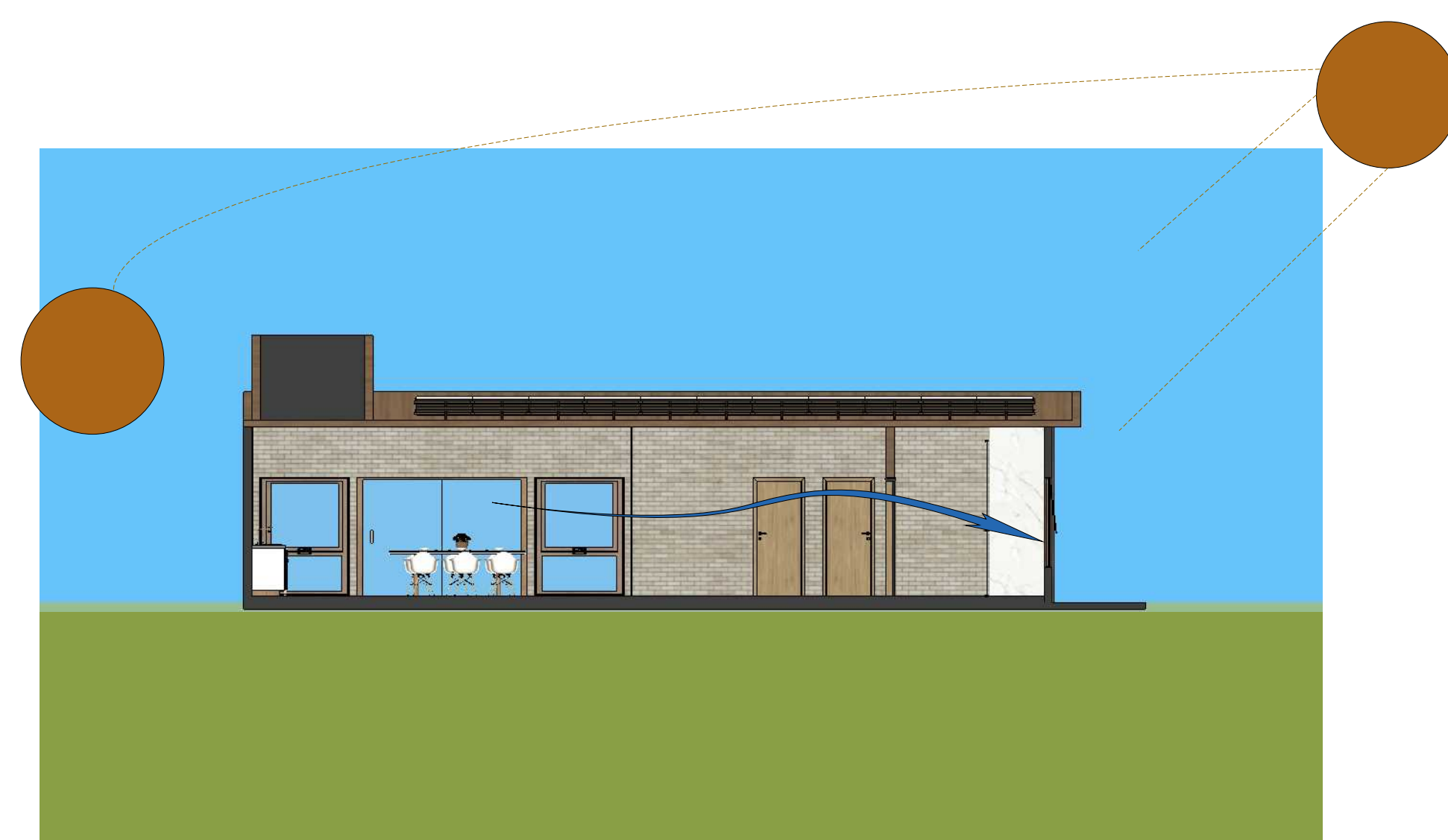
Corte de Ventilação- Casa 3
Esc:1/100



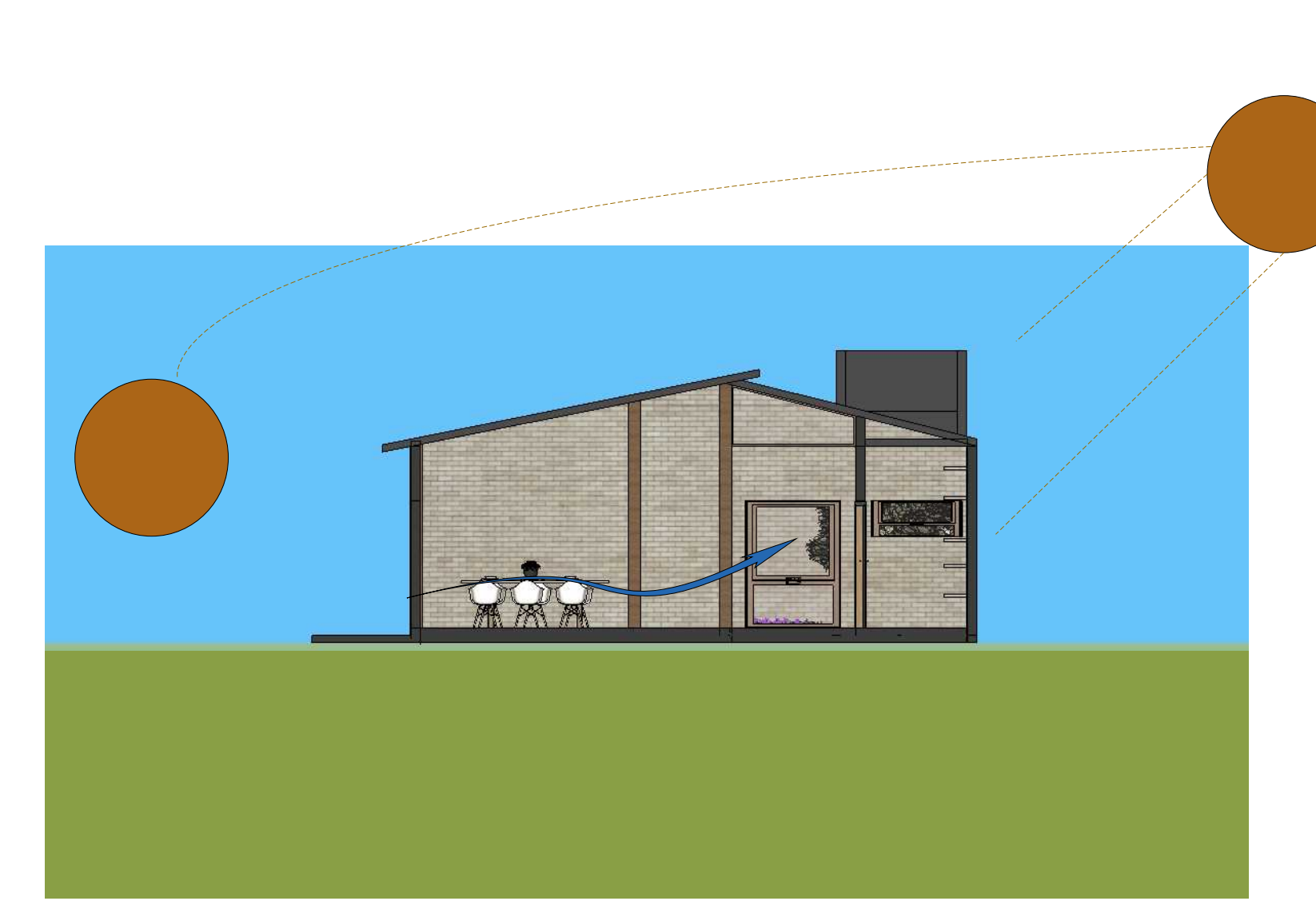
Corte de Ventilação- Casa 4
Esc:1/100



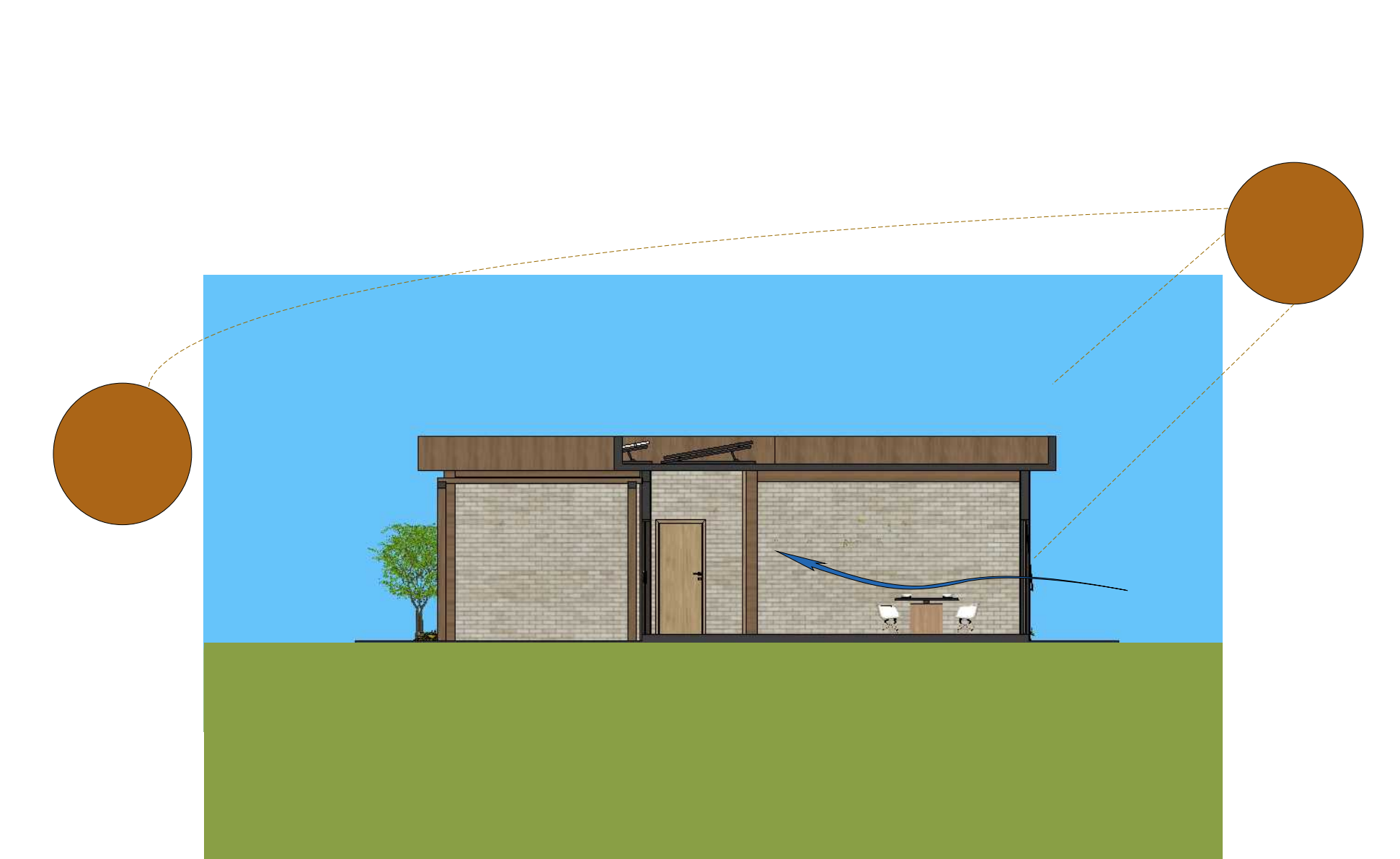
Corte de Insolação- Casa 1
Esc:1/100



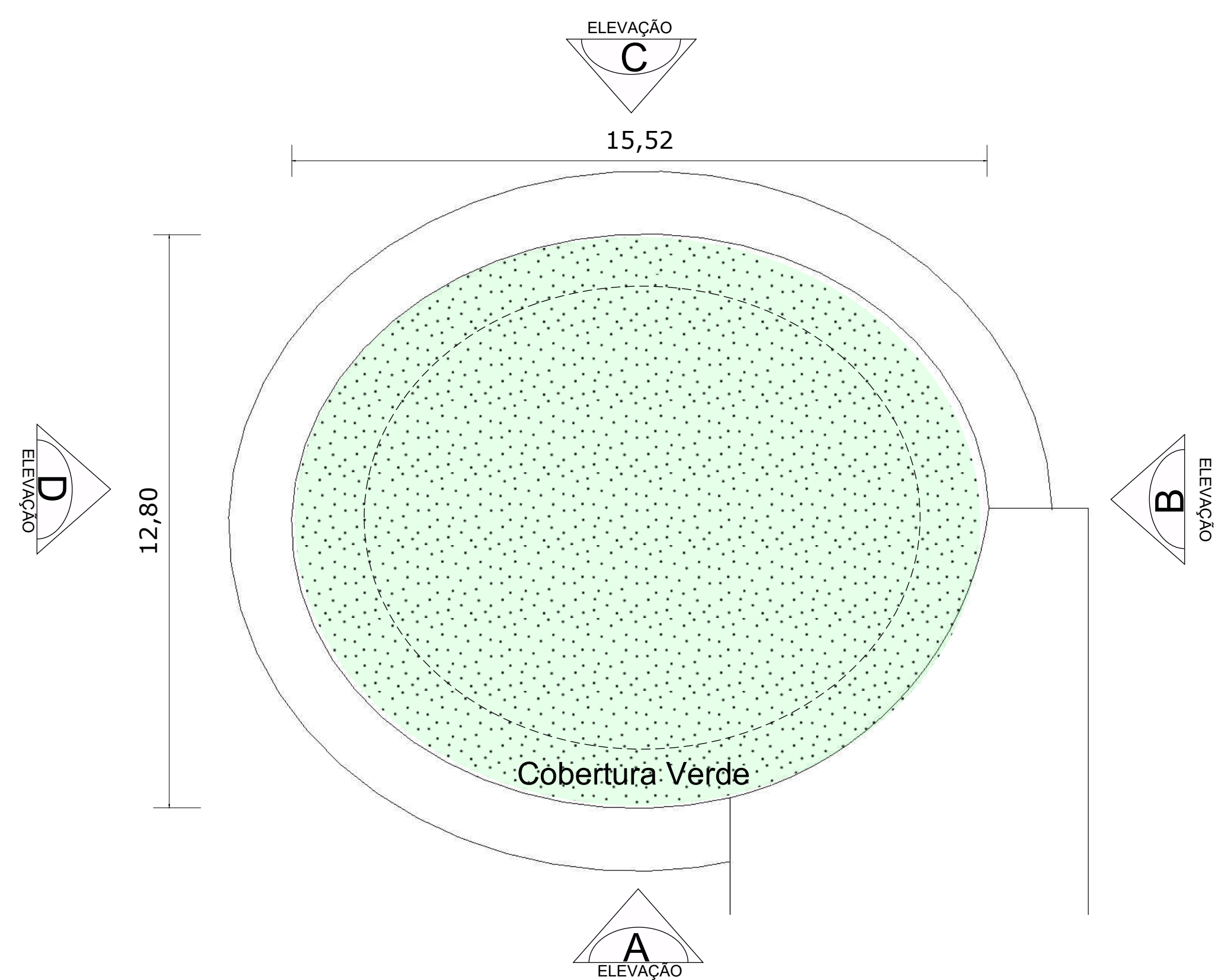
Corte de Insolação- Casa 2
Esc:1/100



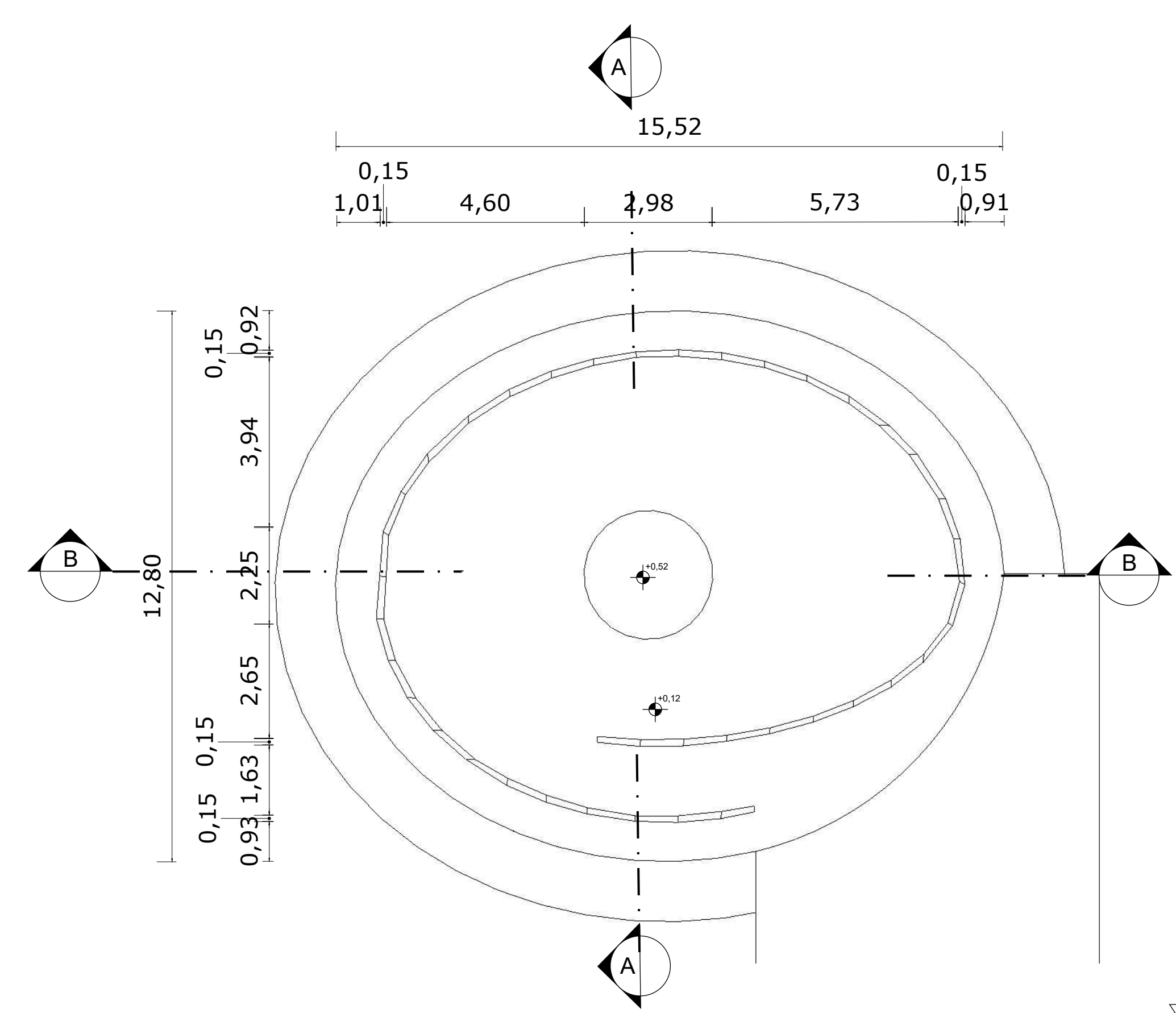
Corte de Insolação- Casa 3
Esc:1/100



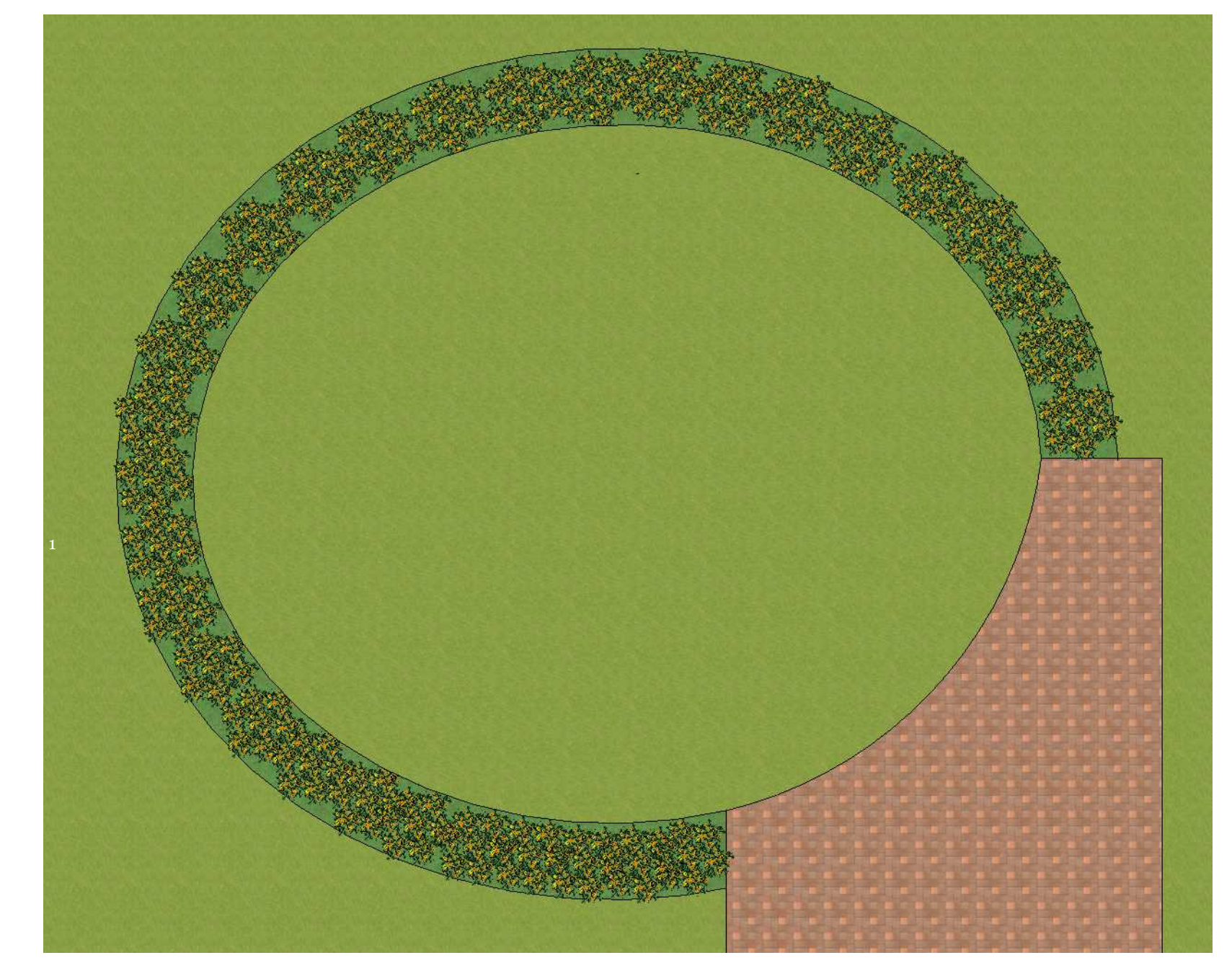
Corte de Insolação- Casa 4
Esc:1/100



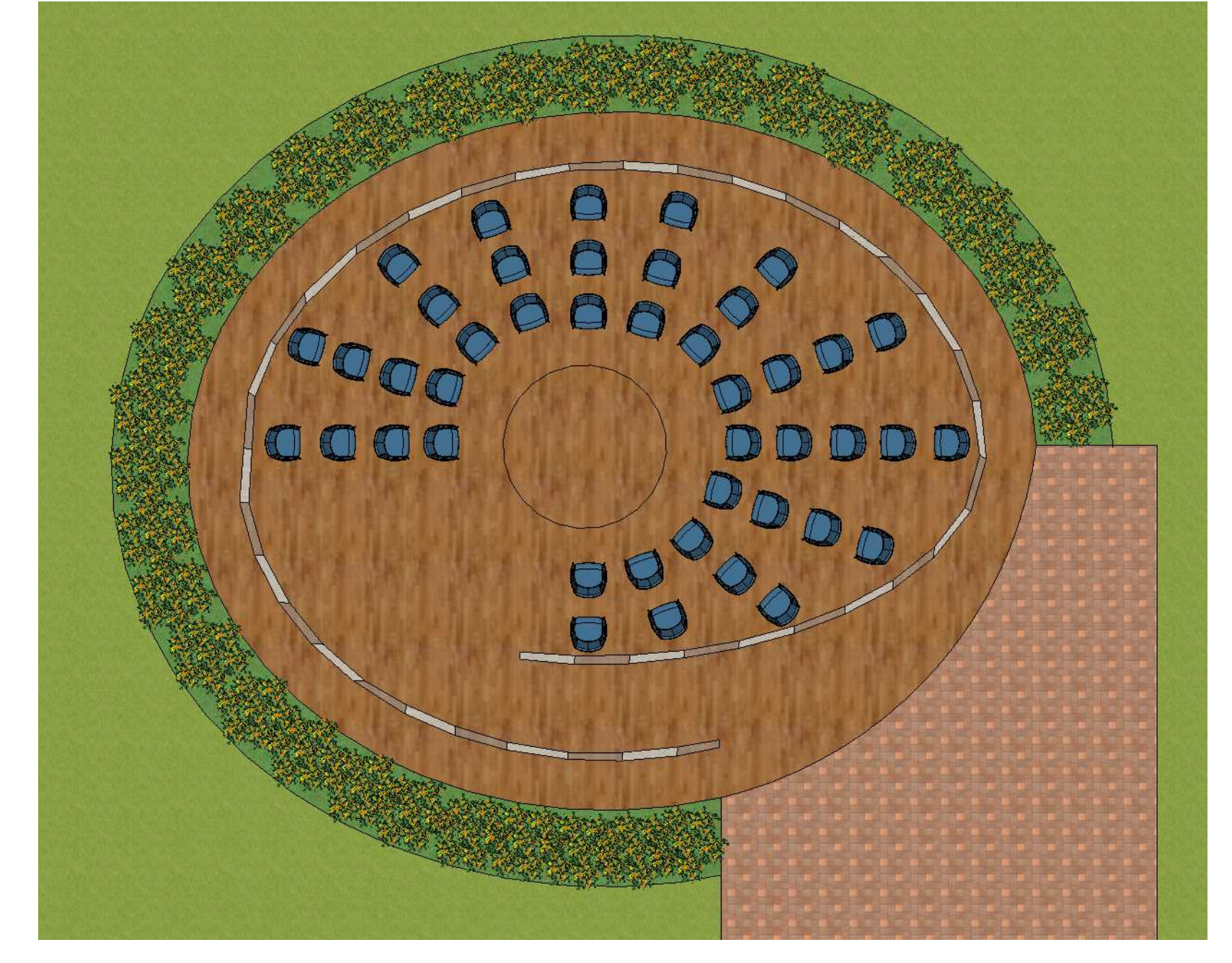
Planta de Cobertura - Centro de Convivência
Esc:1/100



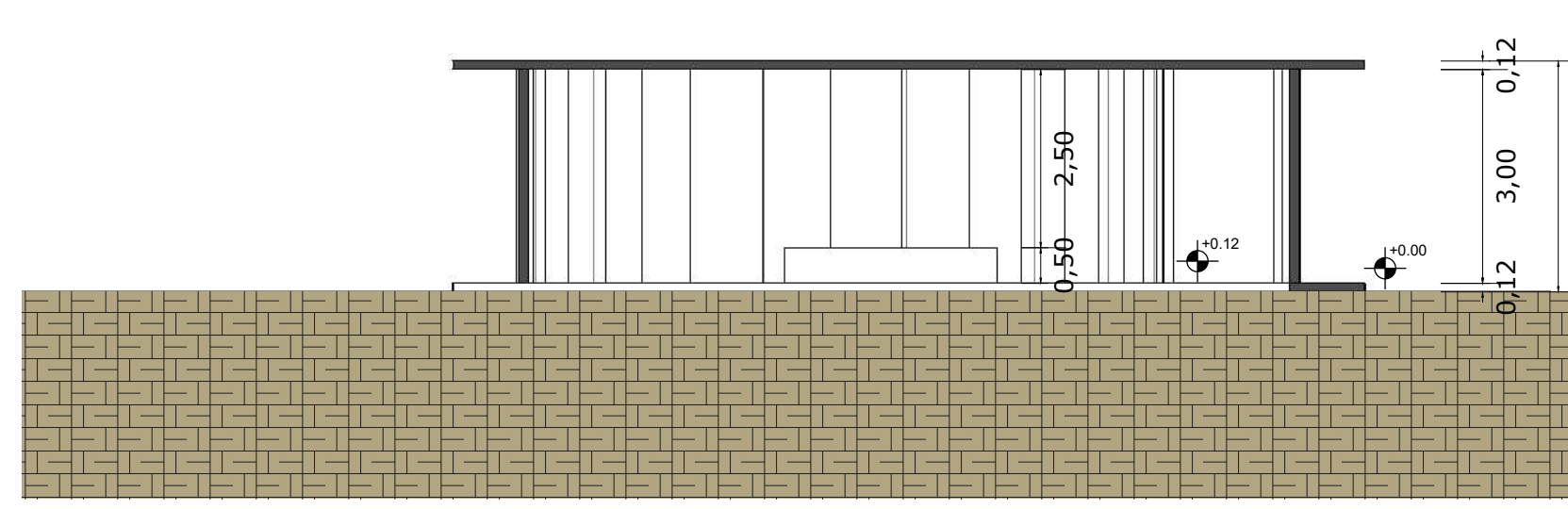
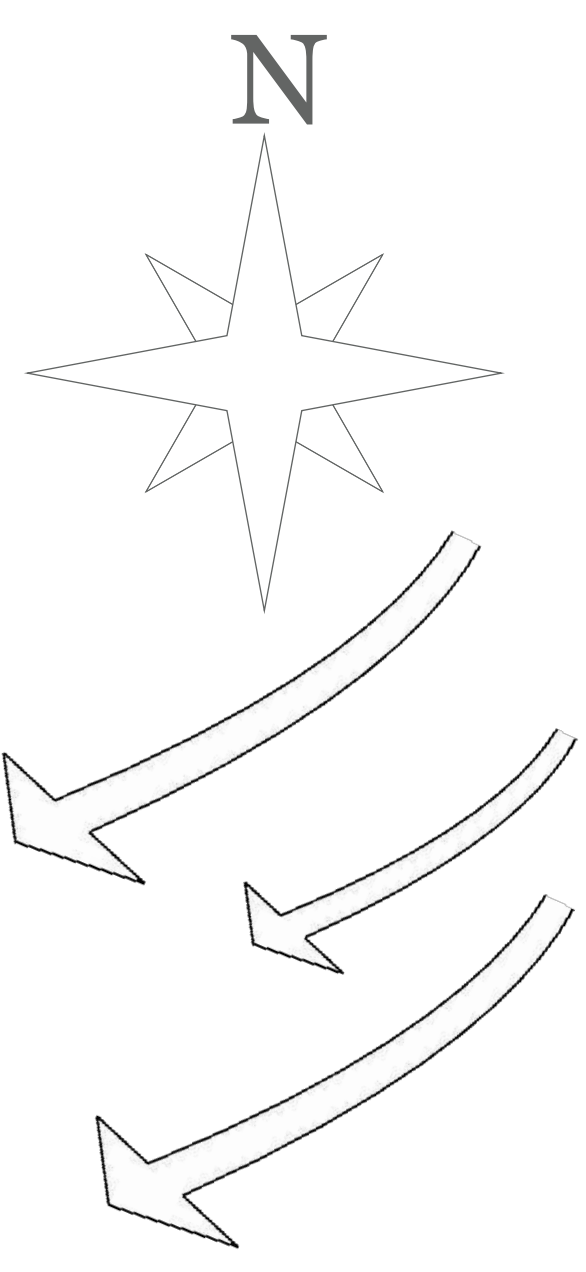
Planta Baixa - Centro de Convivência
Esc:1/100



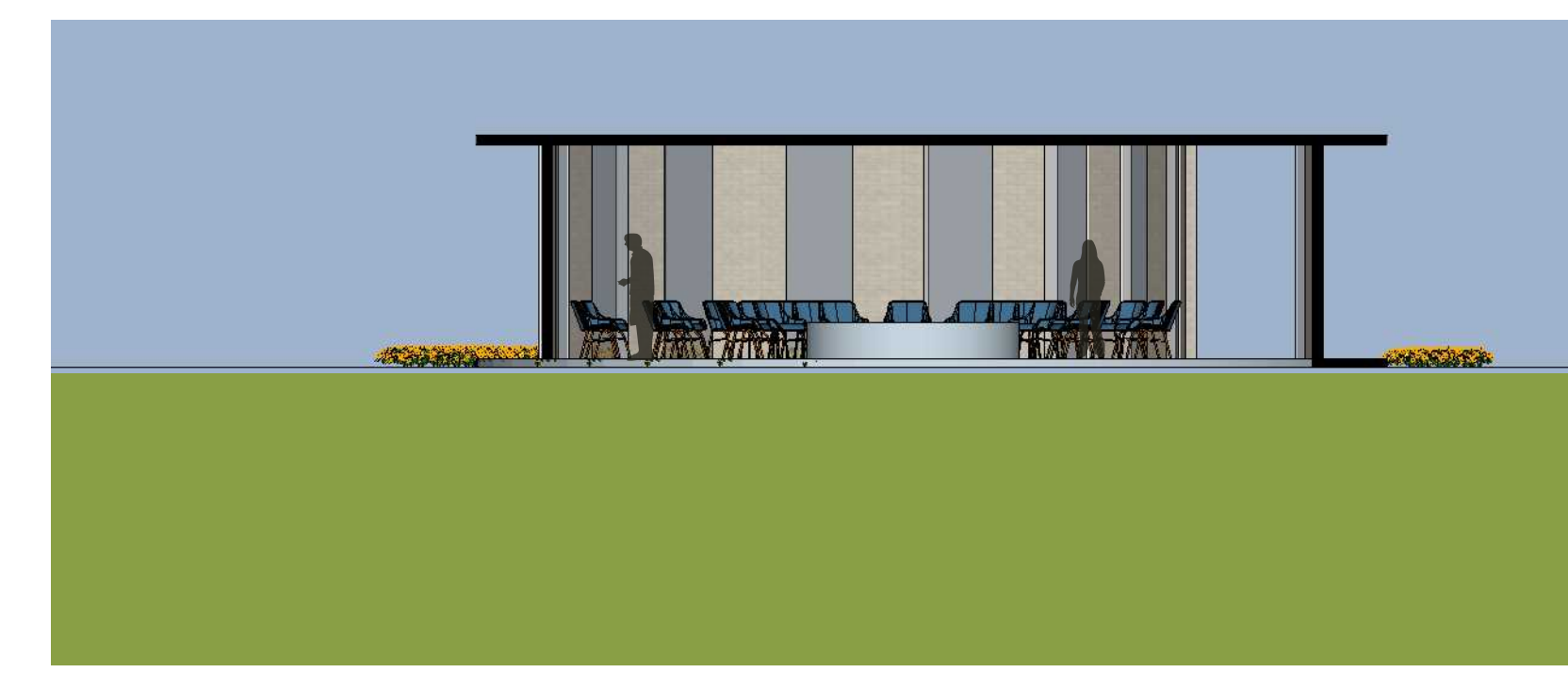
Planta de Cobertura Humanizada- Centro de Convivência
Esc:1/100



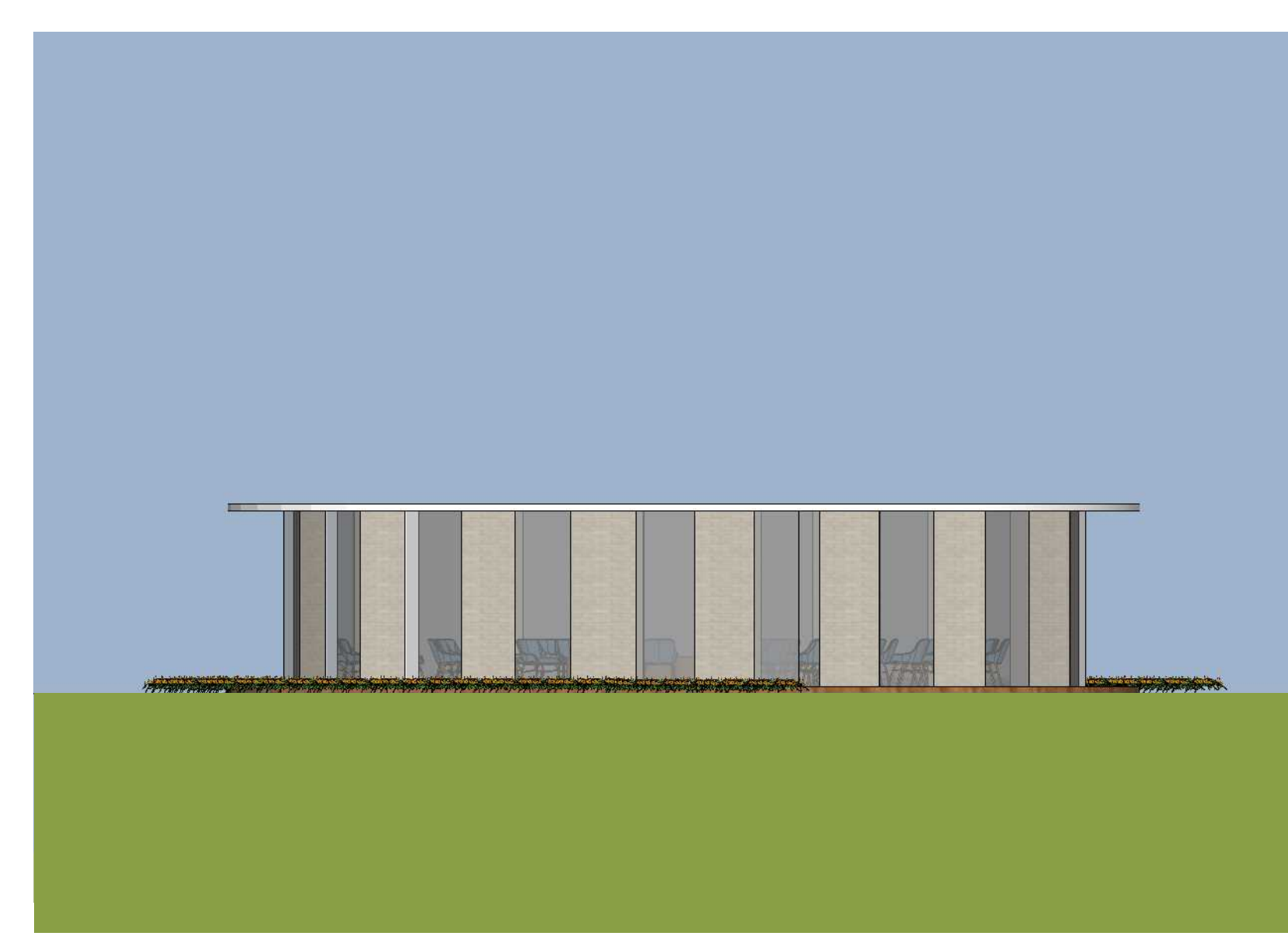
Planta Baixa Humanizada - Centro de Convivência
Esc:1/100



Corte AA - Centro de Convivência
Esc:1/100



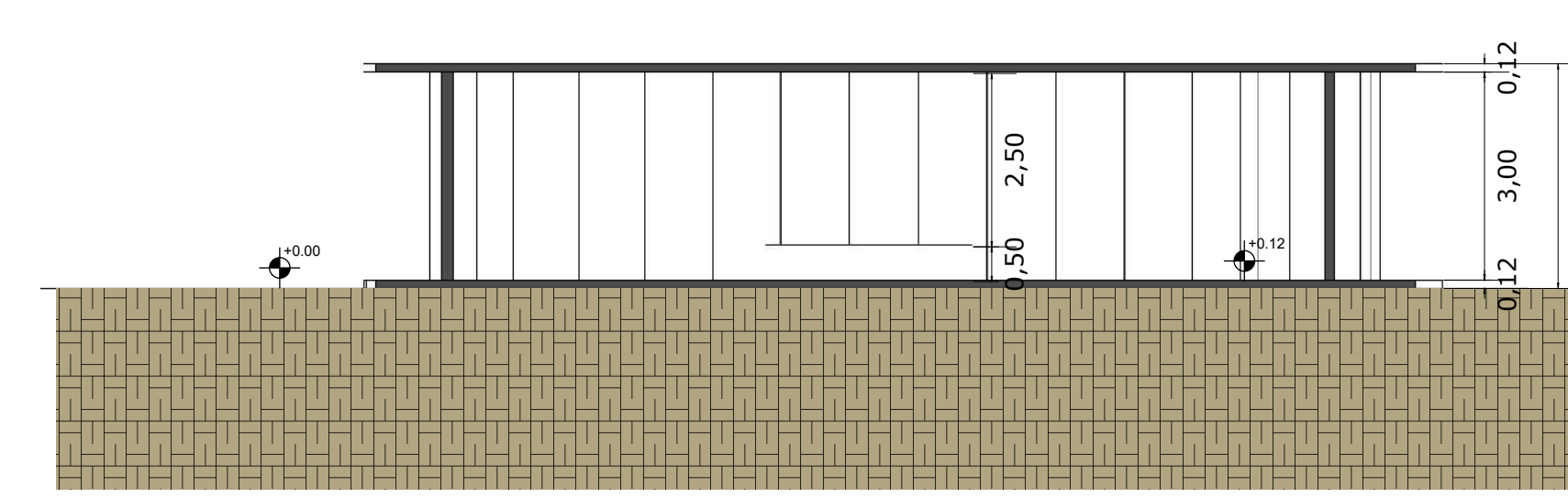
Corte AA Humanizado - Centro de Convivência
Esc:1/100



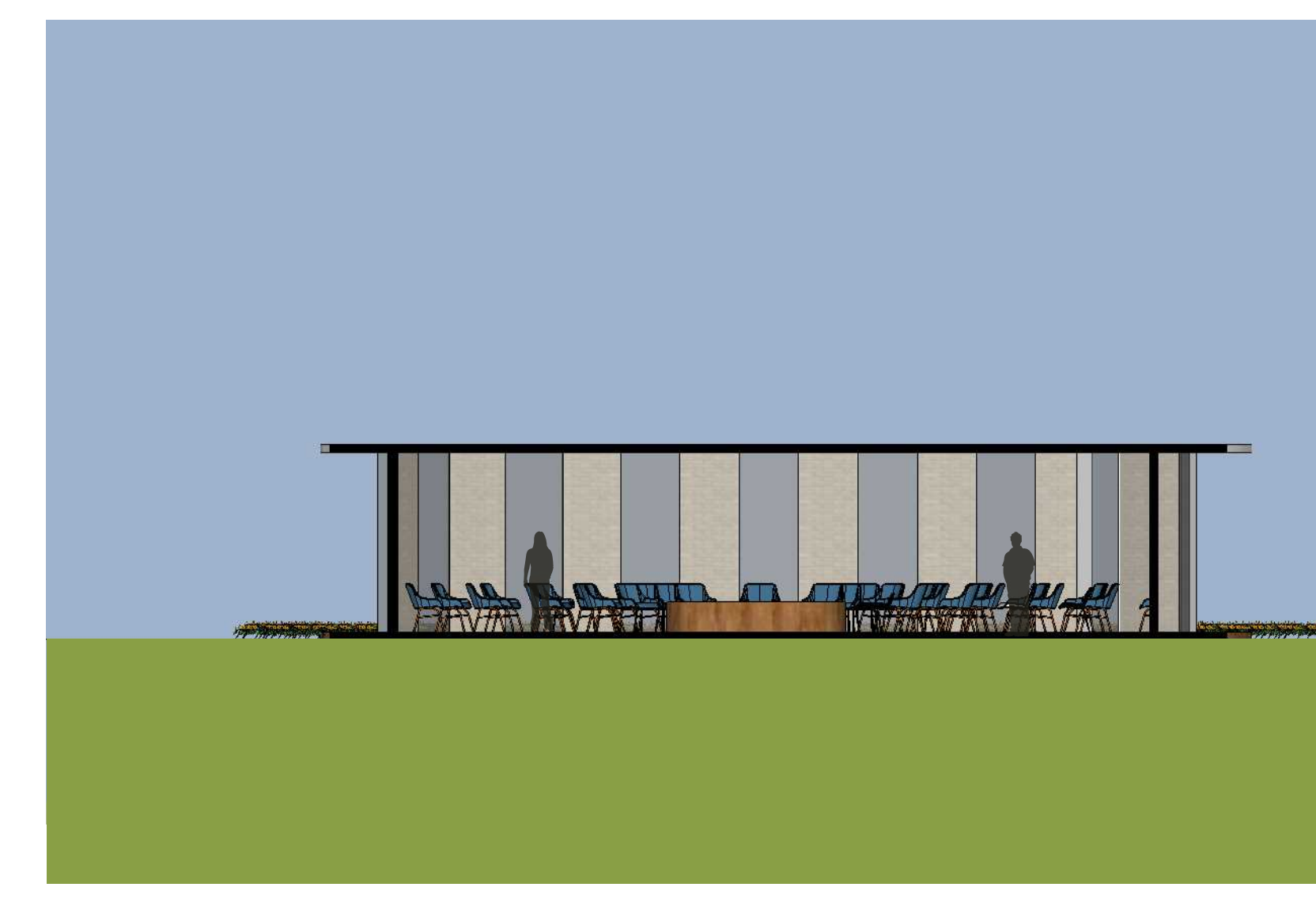
Elevação A - Centro de Convivência
Esc:1/100



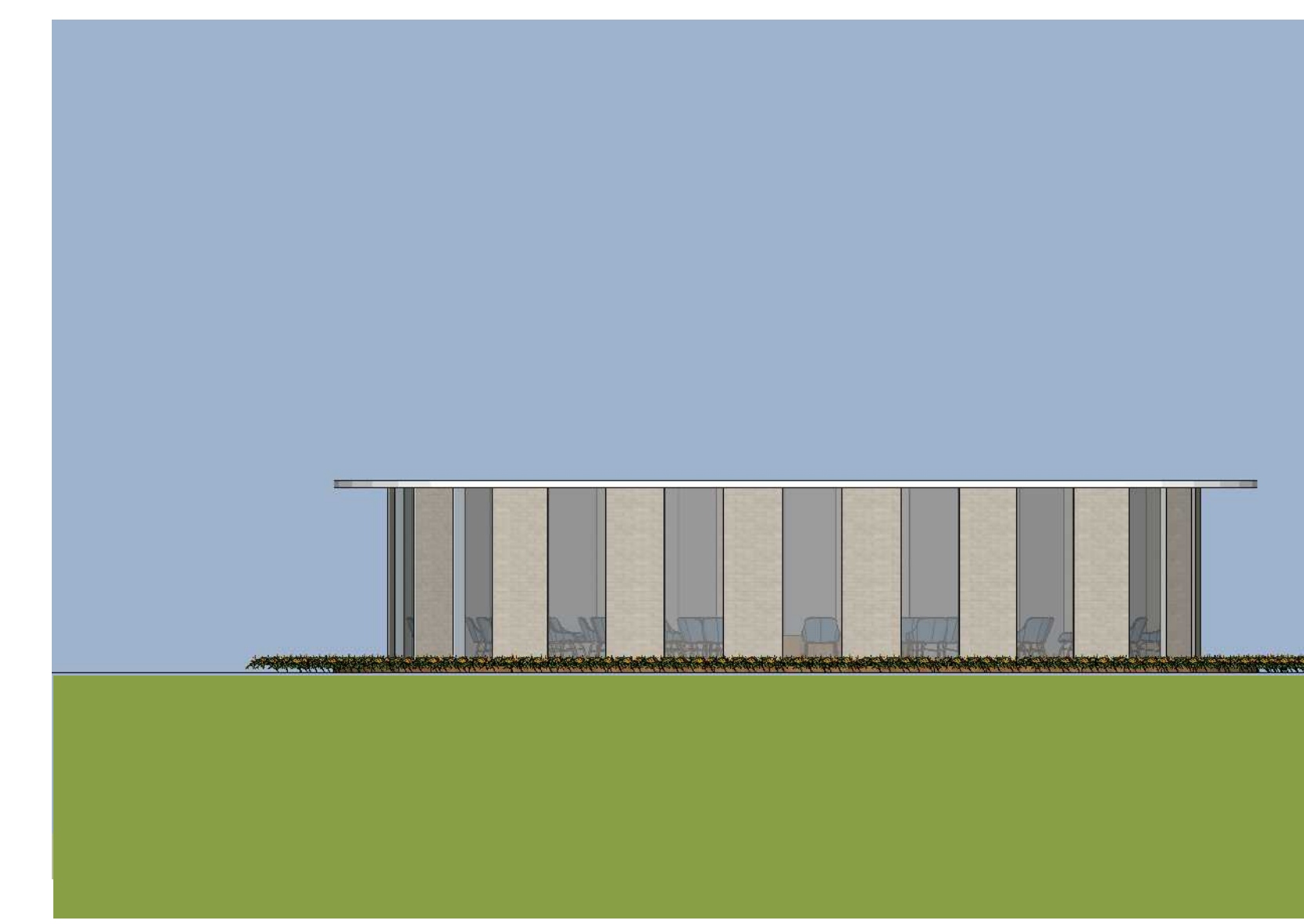
Elevação B - Centro de Convivência
Esc:1/100



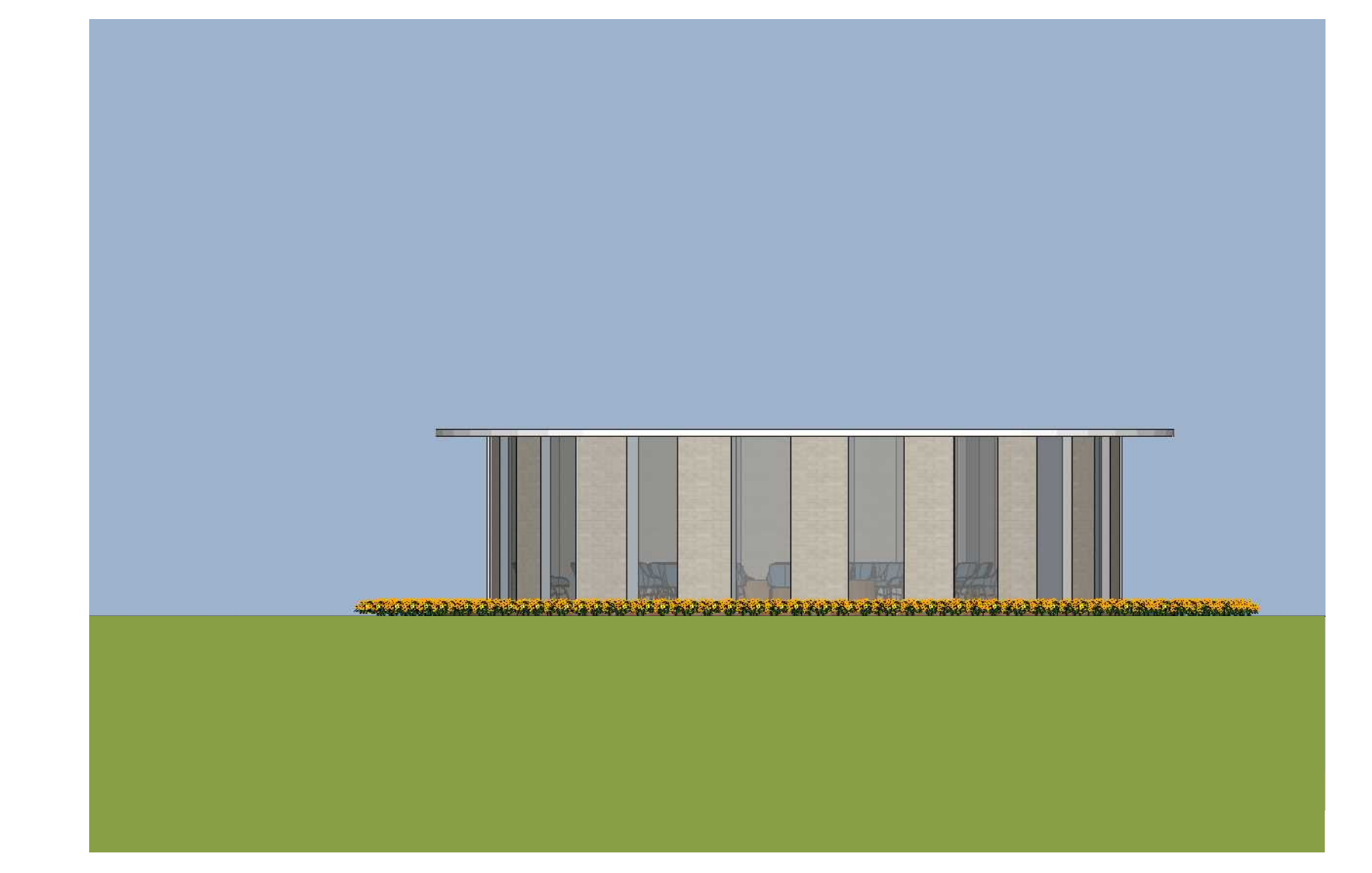
Corte BB - Centro de Convivência
Esc:1/100



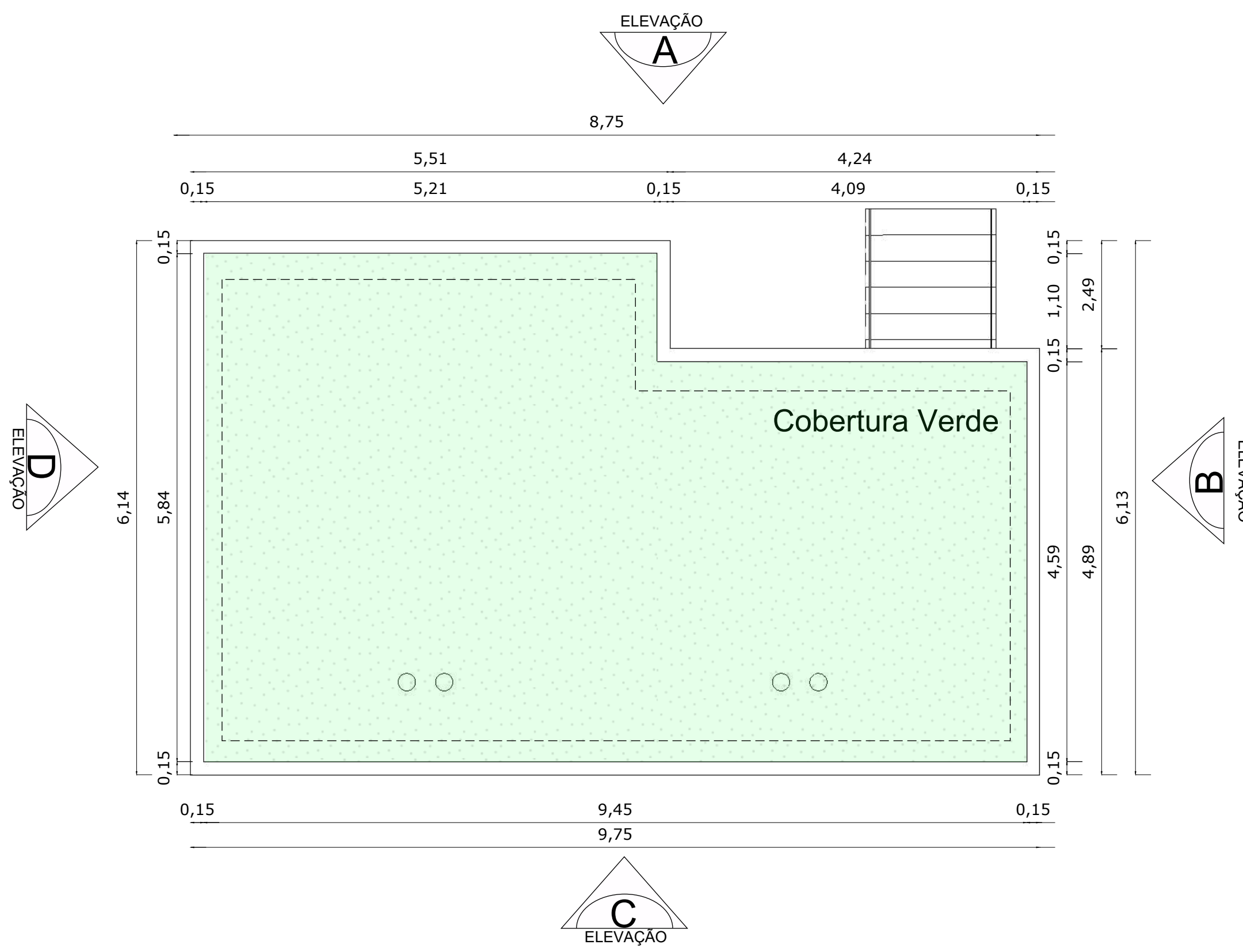
Corte BB Humanizado - Centro de Convivência
Esc:1/100



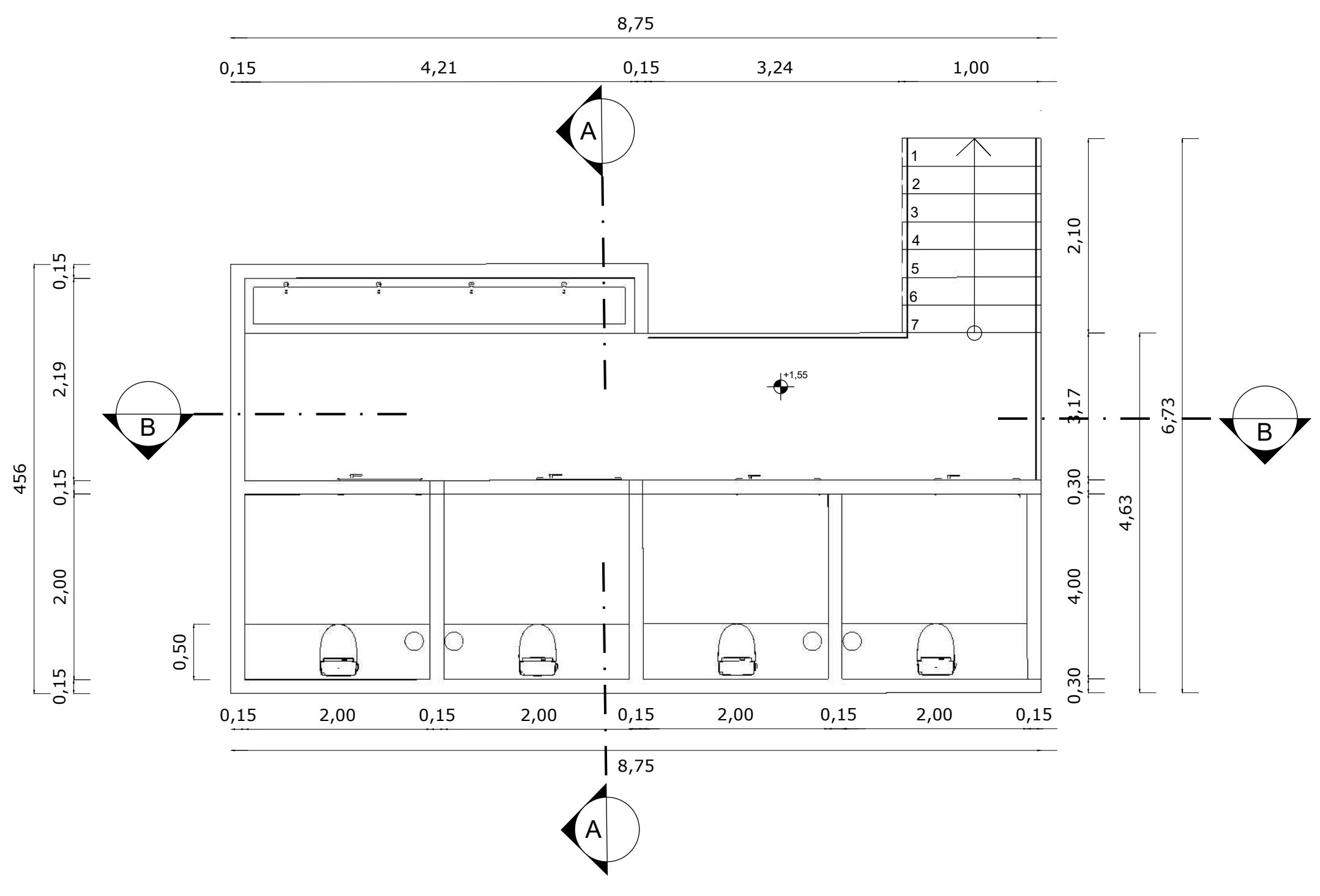
Elevação C - Centro de Convivência
Esc:1/100



Elevação D - Centro de Convivência
Esc:1/100



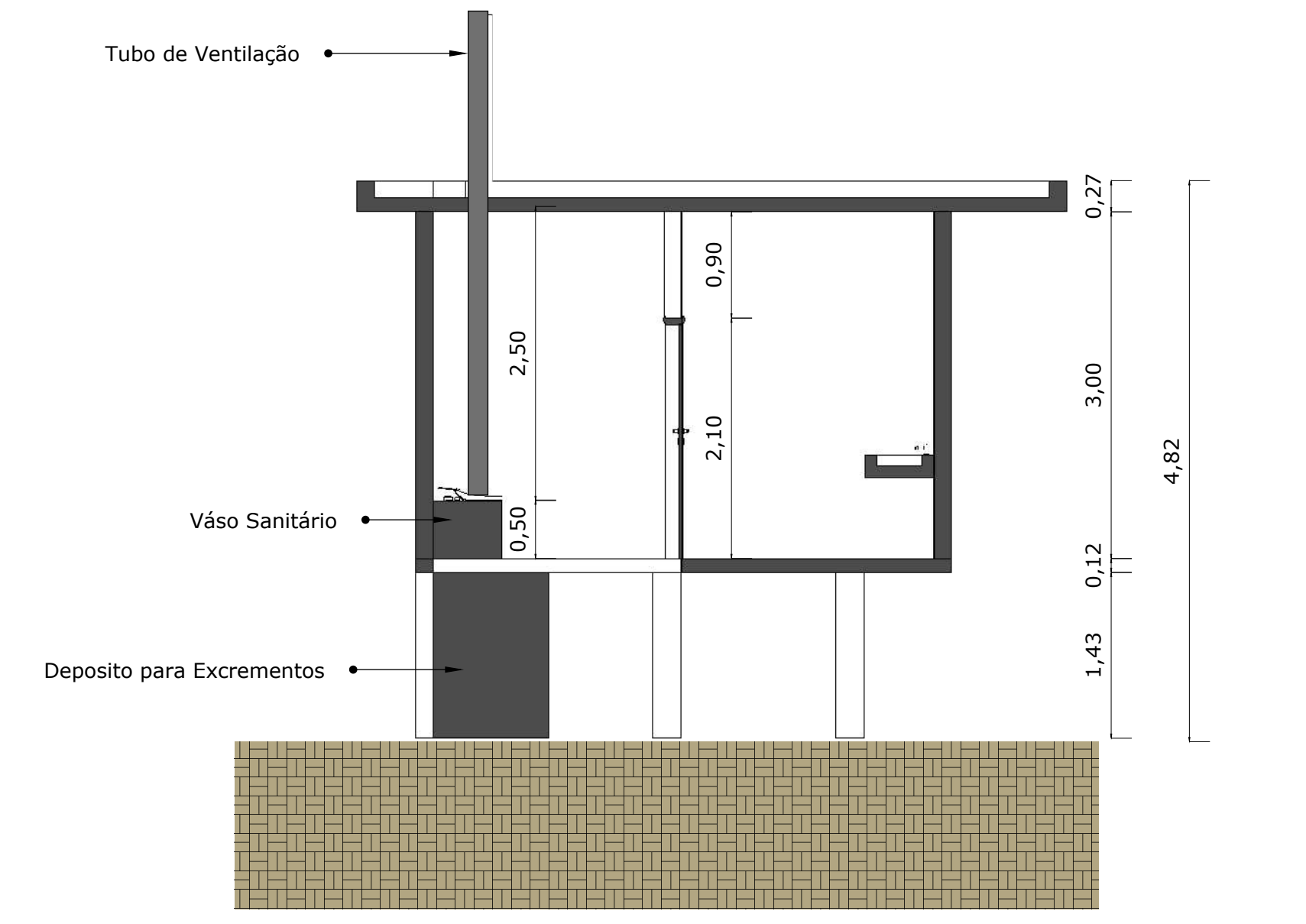
Planta de Cobertura - Banheiro Seco
Esc:1/50



Planta Baixa - Banheiro Seco
Esc:1/50

Planta de Cobertura Humanizada- Banheiro Seco
Esc:1/50

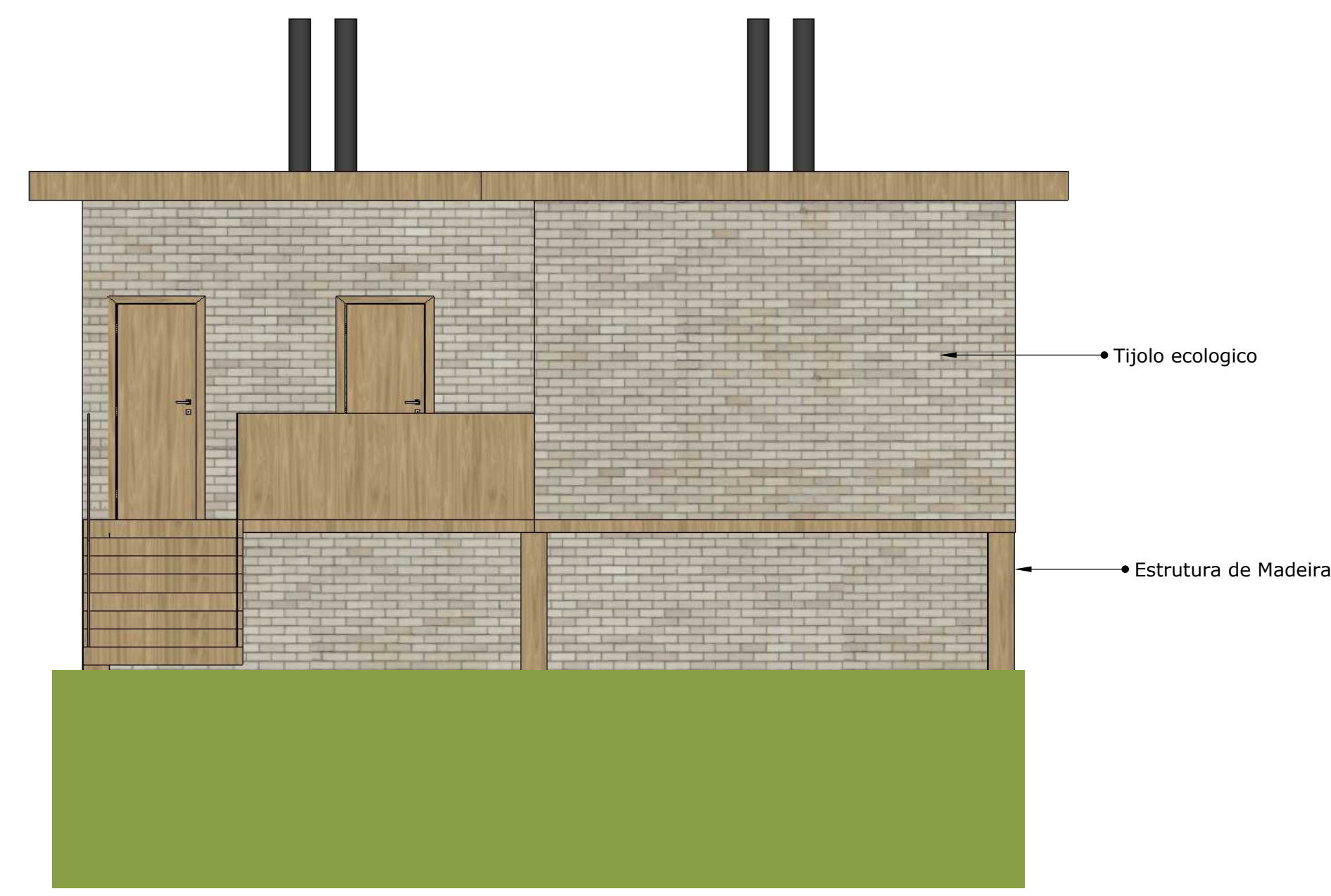
Planta Baixa Humanizada - Banheiro Seco
Esc:1/50



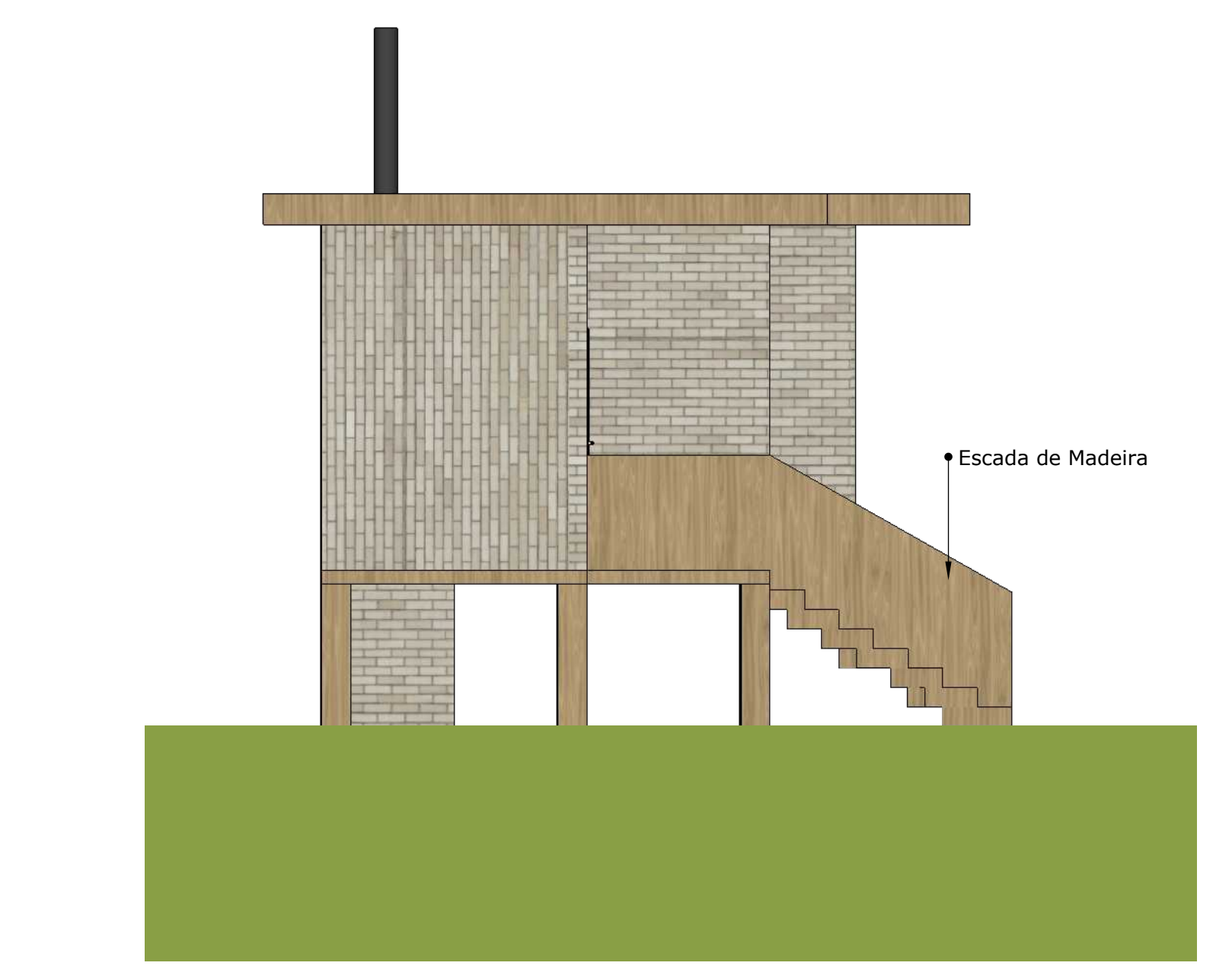
Corte AA - Banheiro Seco
Esc:1/50



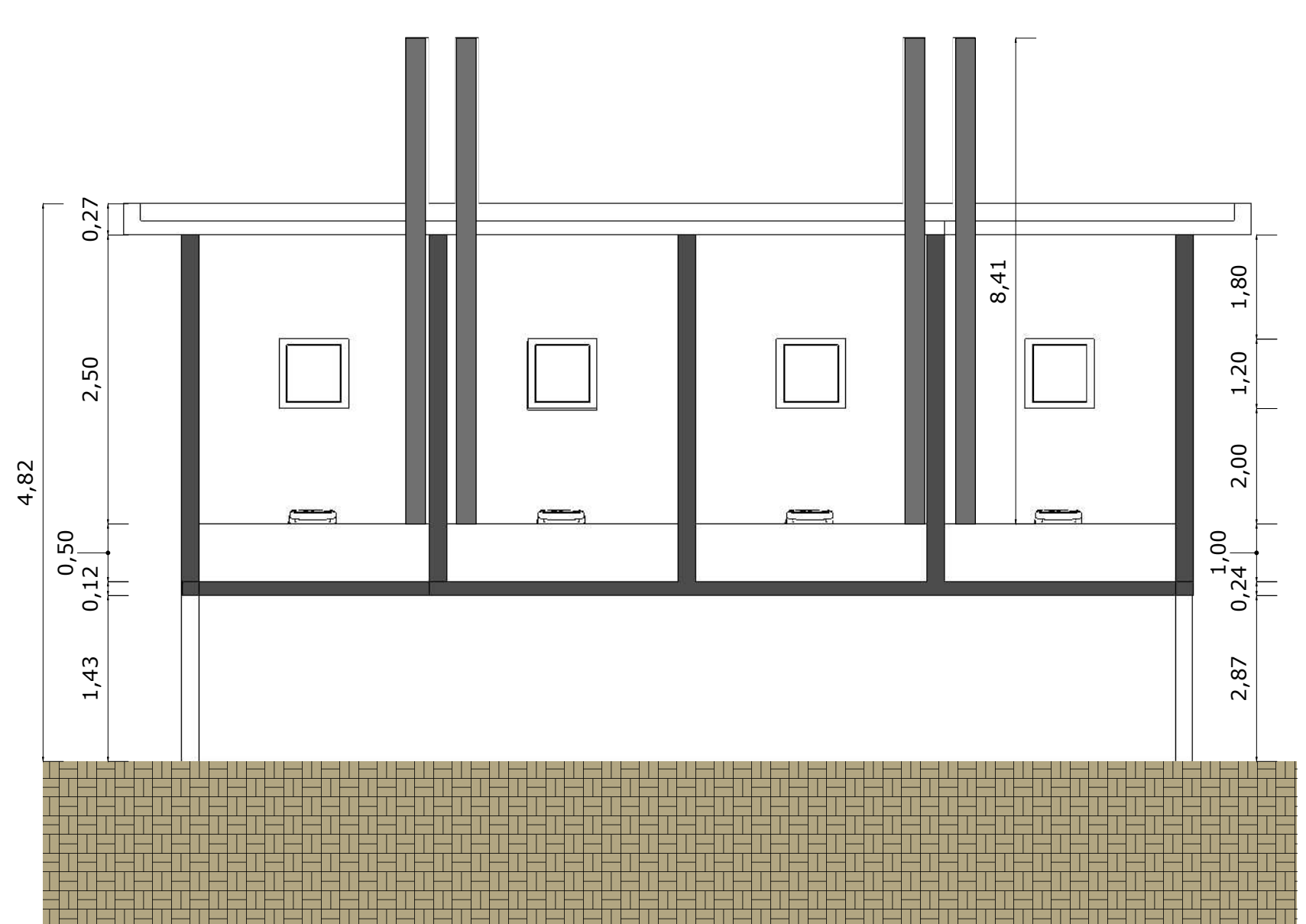
Corte AA Humanizado - Banheiro Seco
Esc:1/50



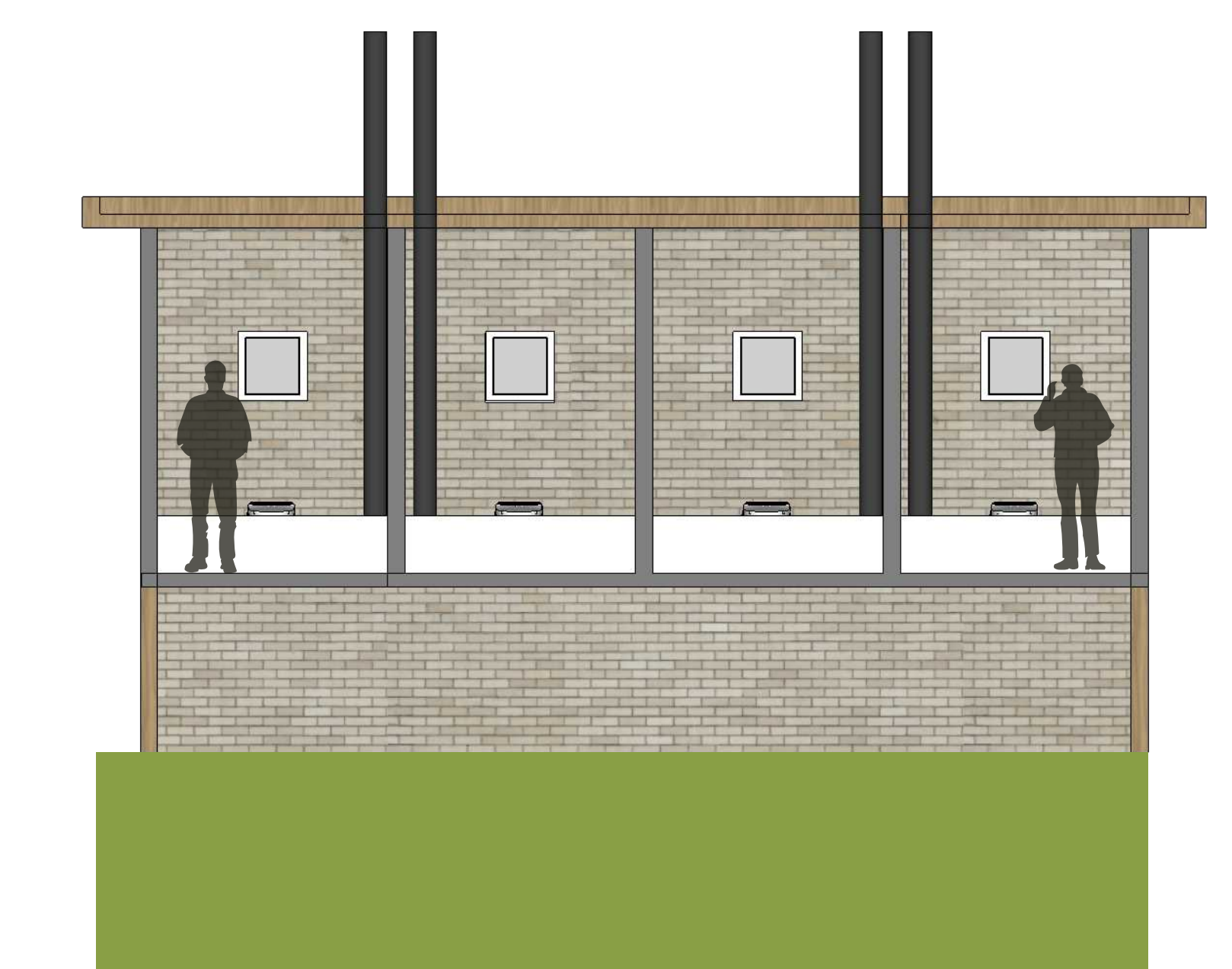
Elevação A - Banheiro Seco
Esc:1/50



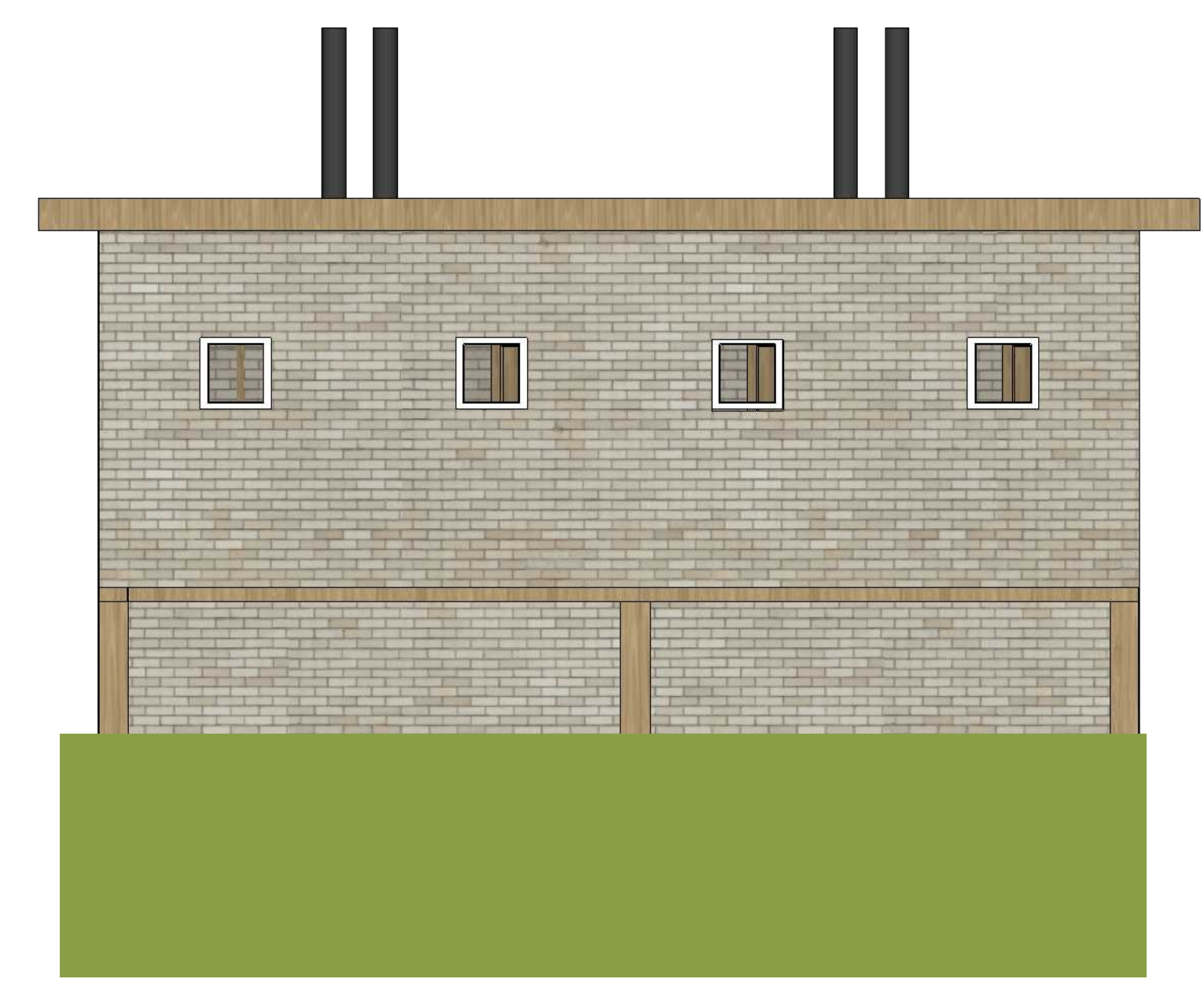
Elevação B - Banheiro Seco
Esc:1/50



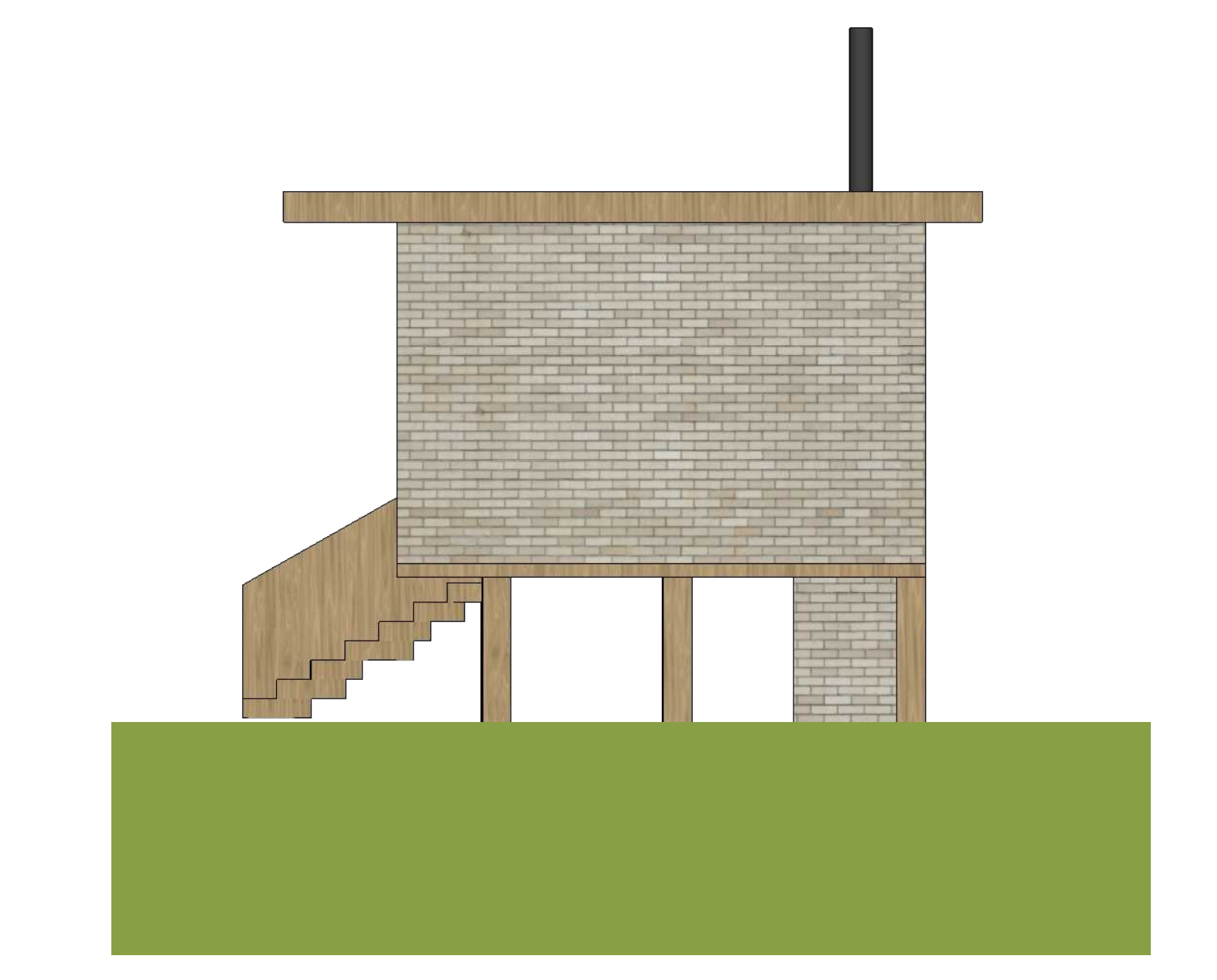
Corte BB - Banheiro Seco
Esc:1/50



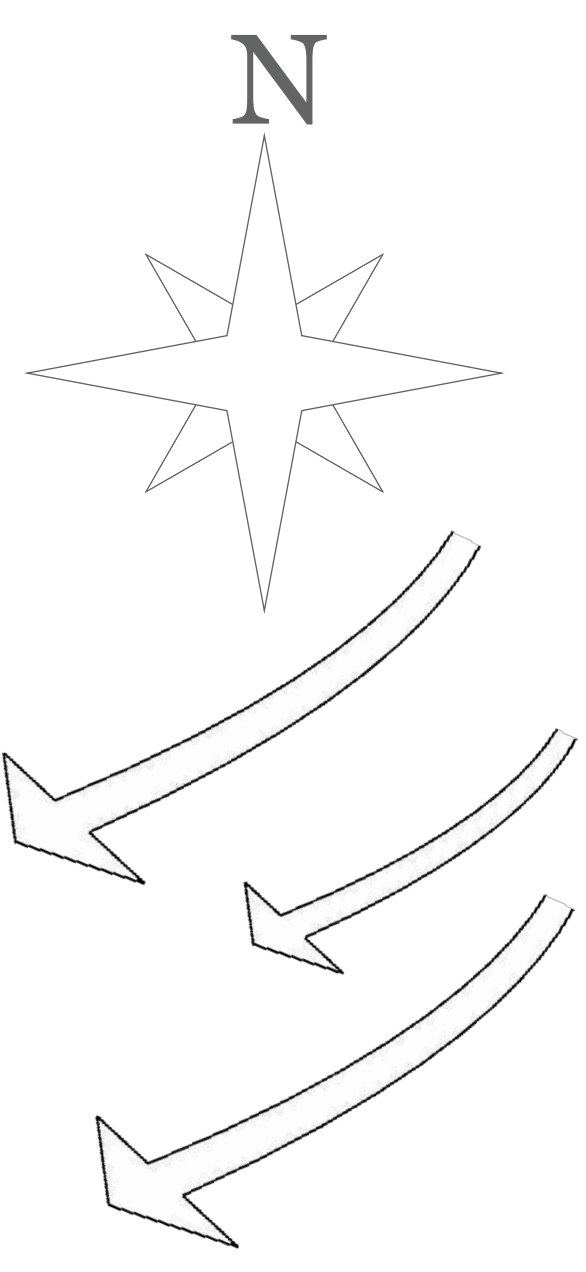
Corte BB Humanizado - Banheiro Seco
Esc:1/50



Elevação C - Banheiro Seco
Esc:1/50



Elevação D - Banheiro Seco
Esc:1/50



ENTRADA



PRAÇA



CENTRO DE CONVIVENCIA



Piso Drenante Fulget



Pérgola de Madeira

CENTRO DE TREINAMENTO



Cobogo



Piso de Madeira



Tijolo Ecologico

BANHEIRO SECO



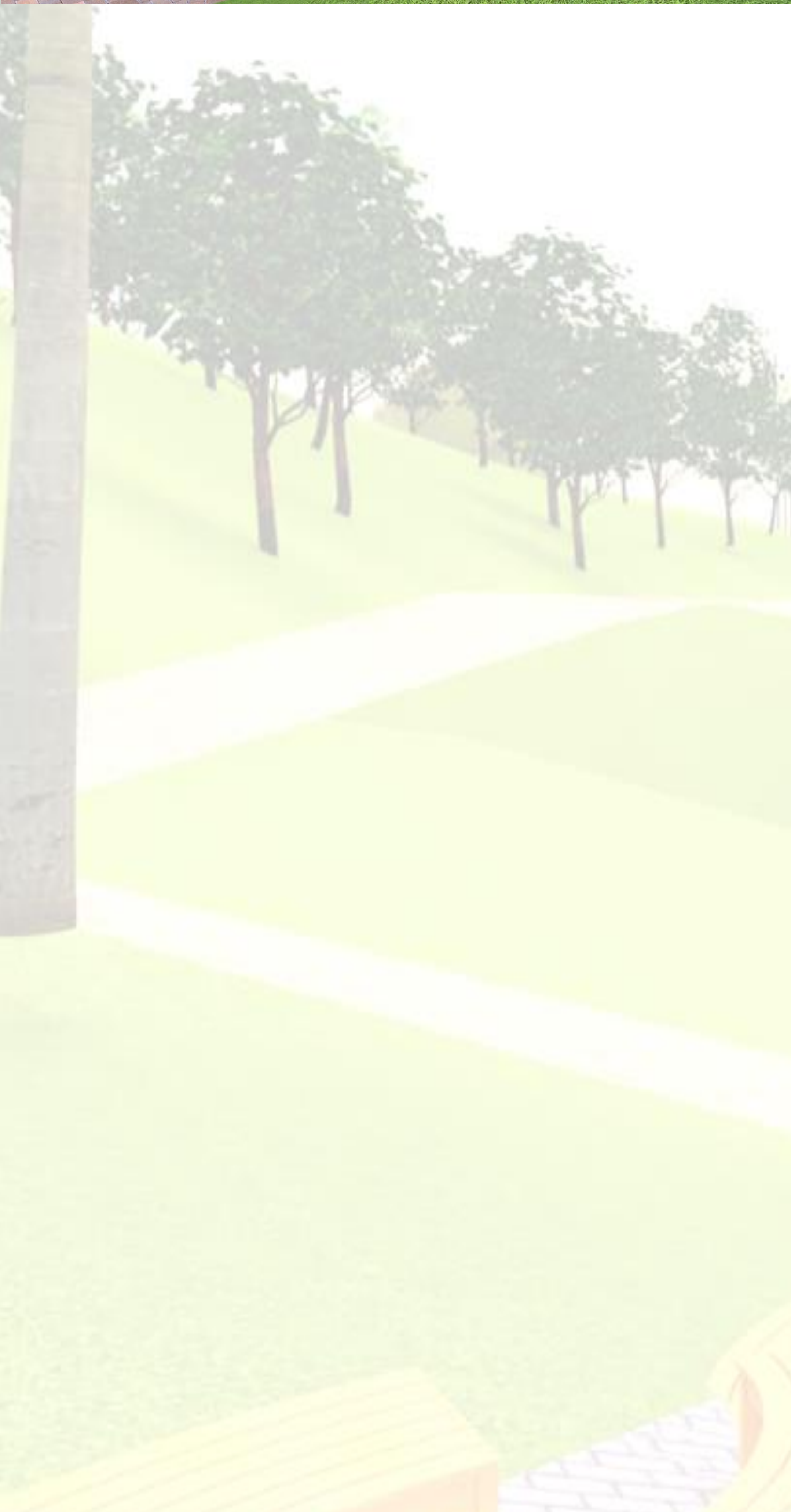
VISTAS GERAIS



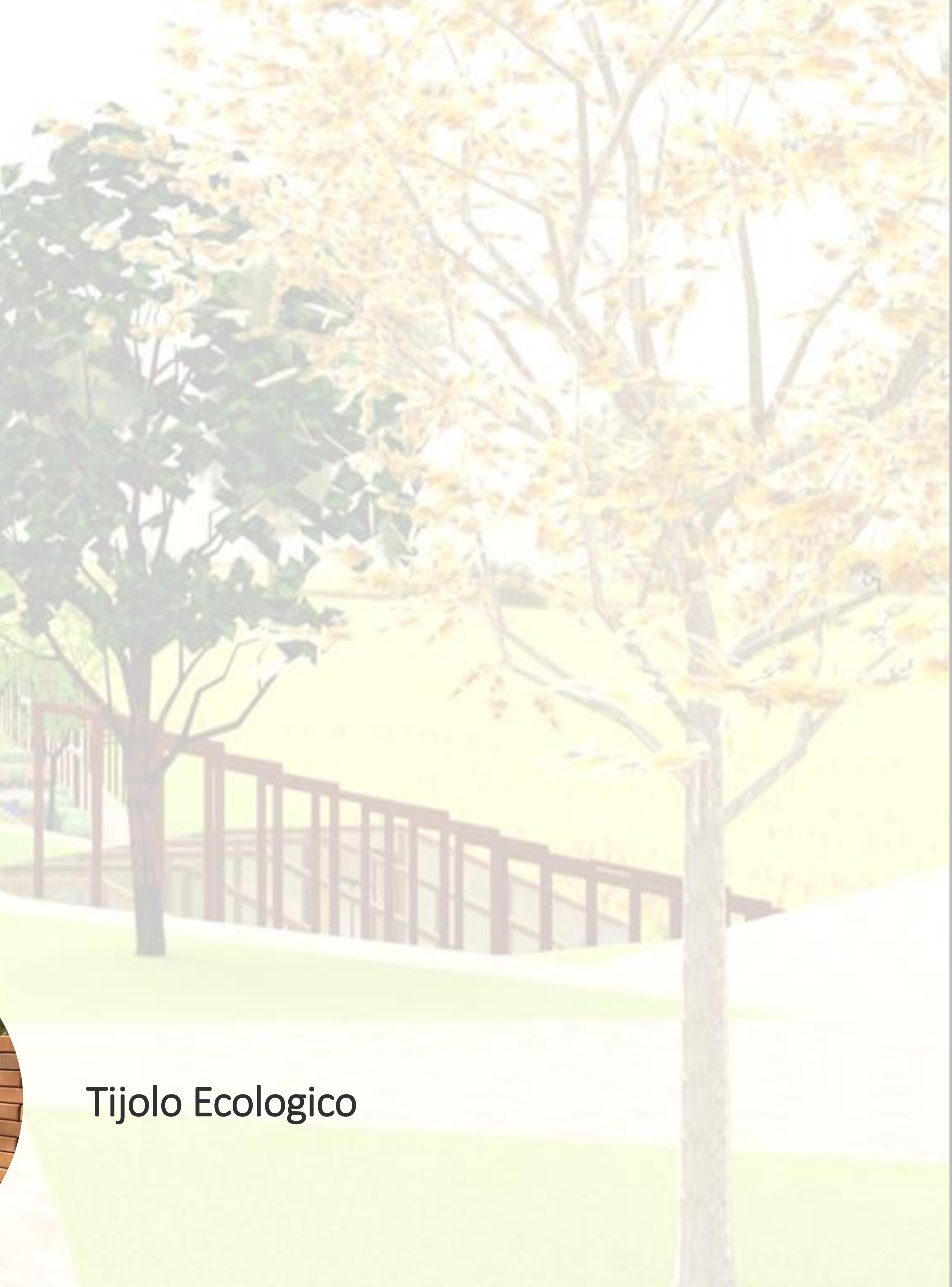
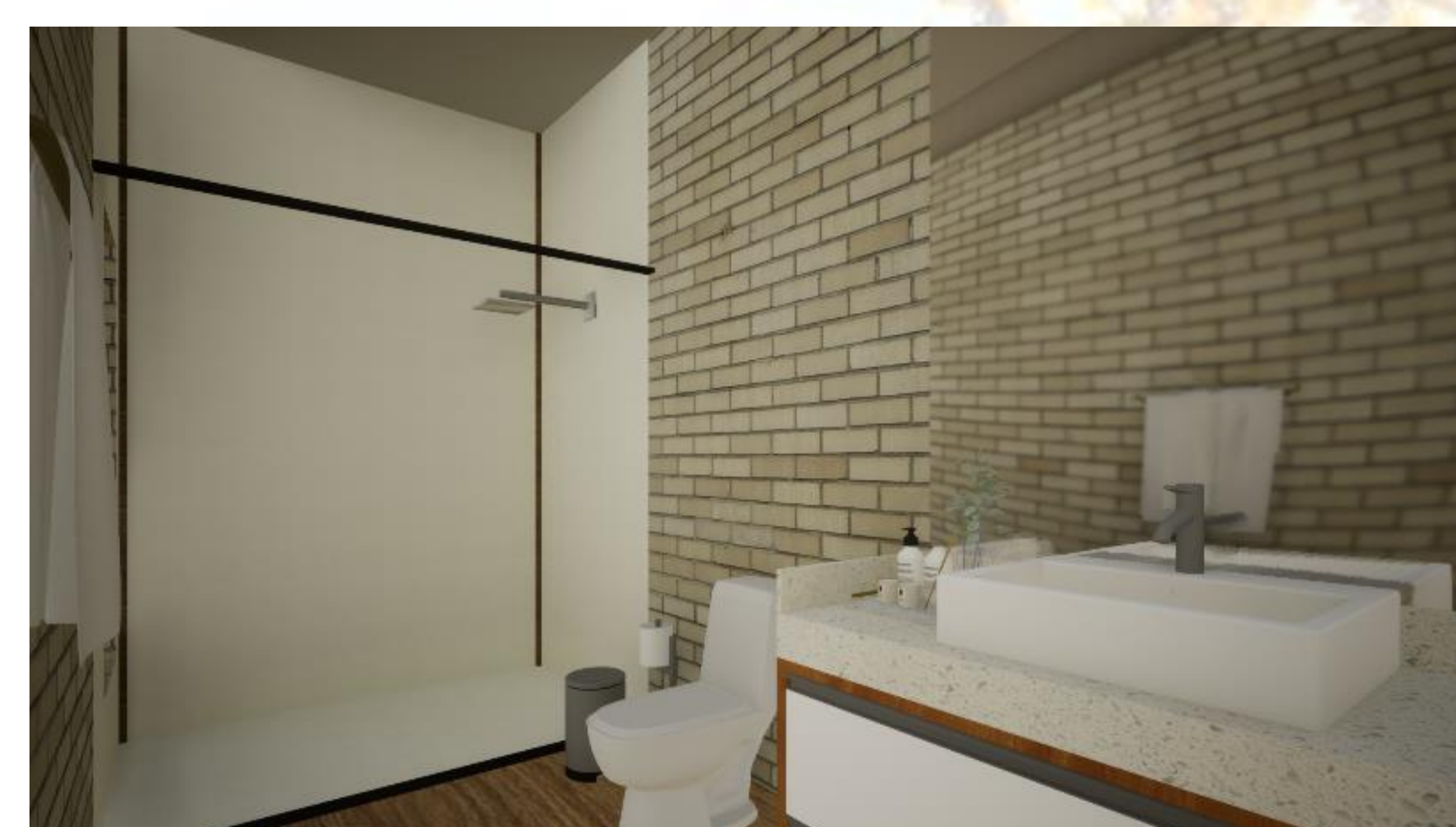
ESTUFA



PLAYGROUND



INTERIOR CASA



Piso de Madeira



Tijolo Ecologico