



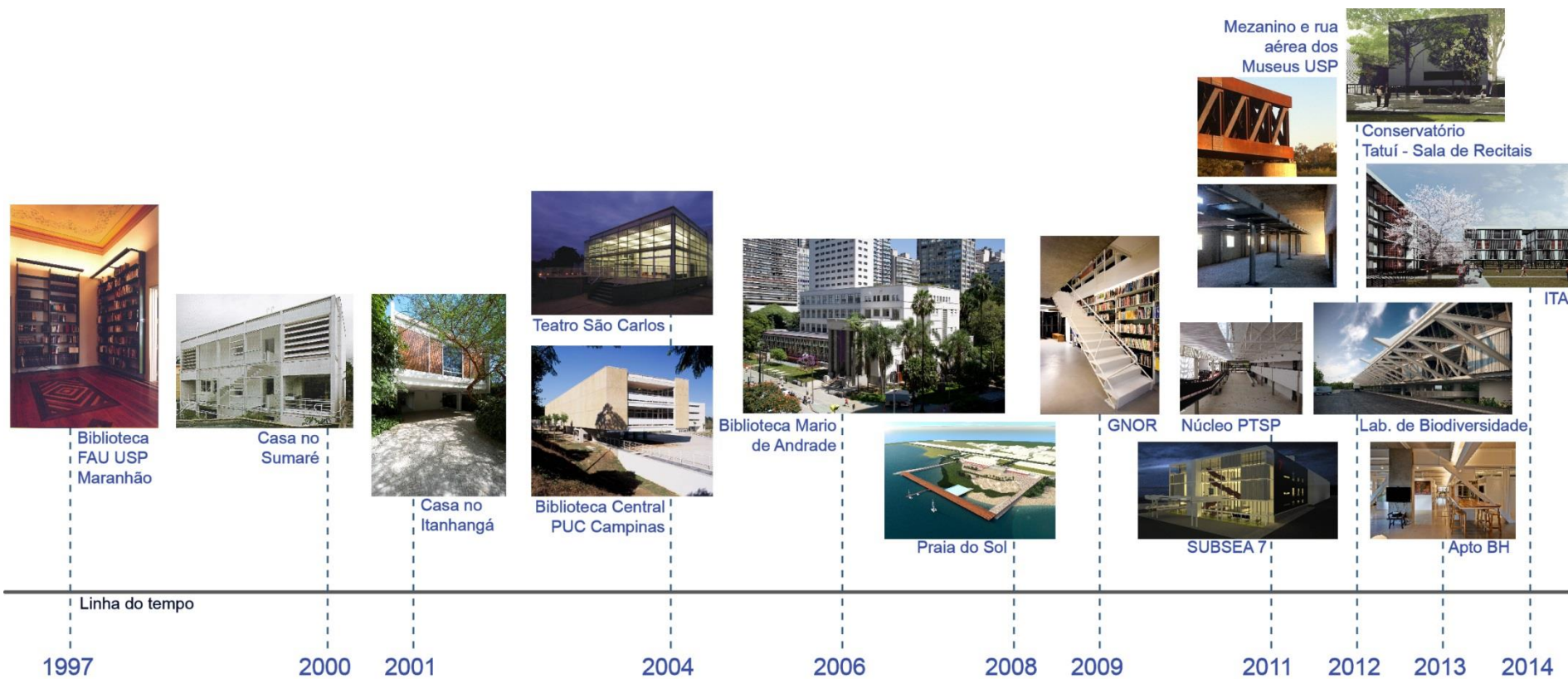
Concebendo para ser viável
Arq^a. Renata Semin

Agosto / Setembro / Outubro 2014

PROJETOS EM AÇO



Linha do tempo de alguns dos projetos em estrutura metálica desenvolvido pelo escritório



PROJETOS EM AÇO

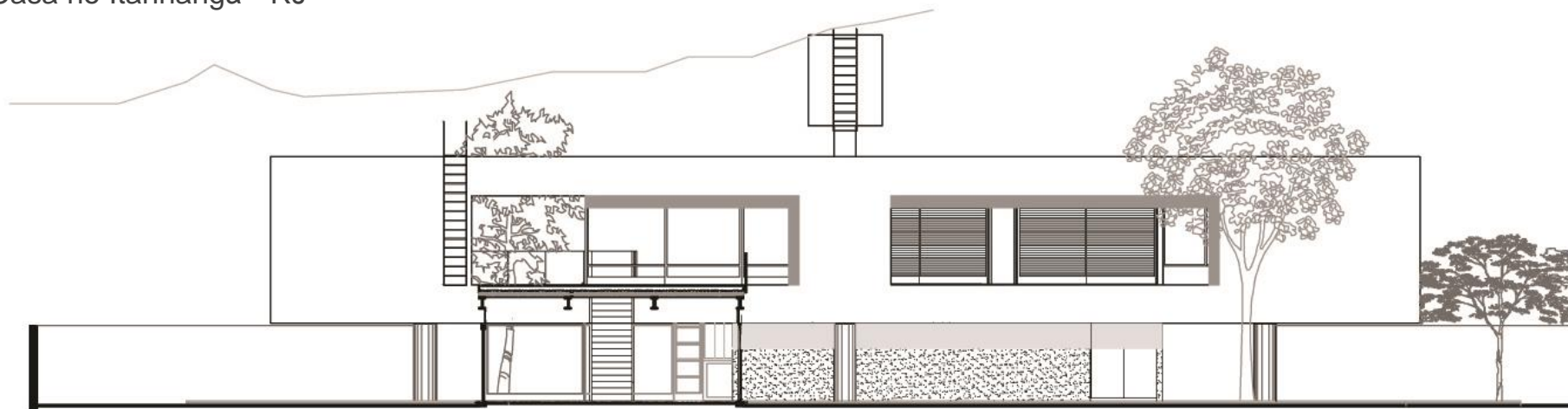


Casa no Itanhangá - RJ

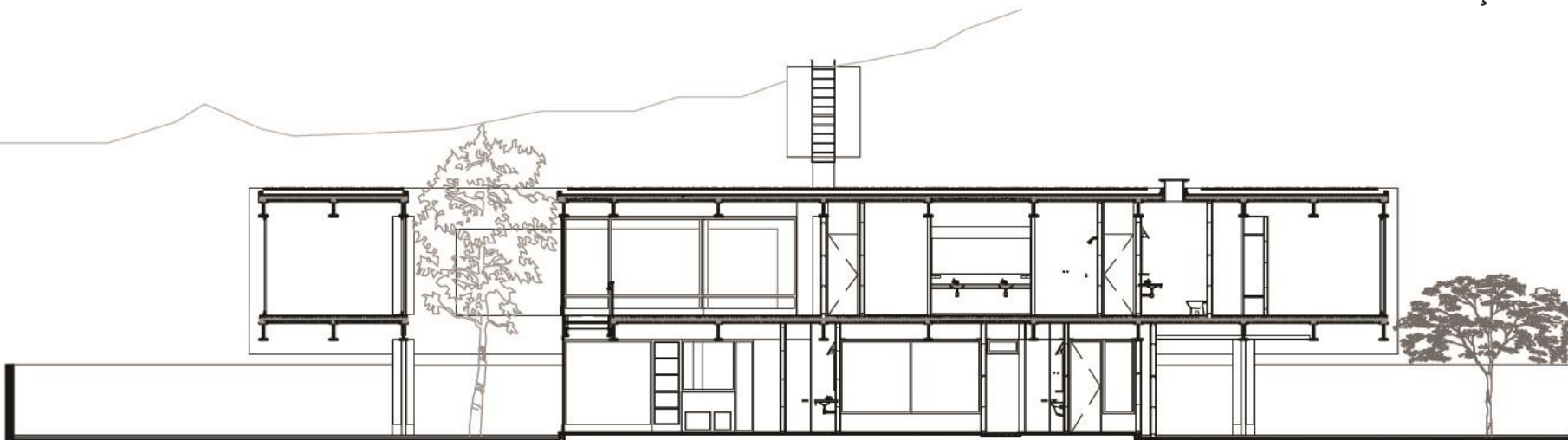




Casa no Itanhangá - RJ



Elevação



Corte longitudinal

0 1 2 5 10 m

PROJETOS EM AÇO



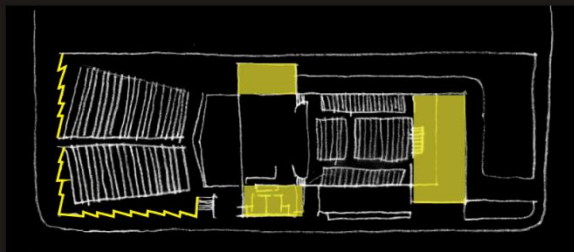
Teatro em São Carlos - SP



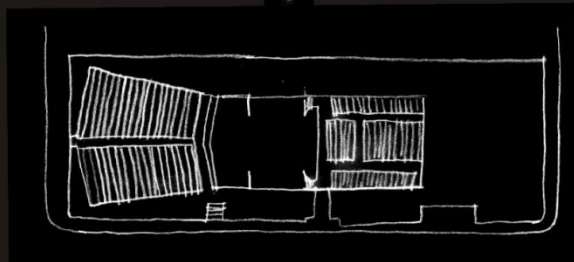


Teatro em São Carlos - SP

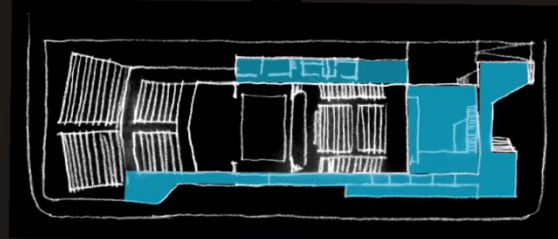
EXISTENTE



REMANESCENTE



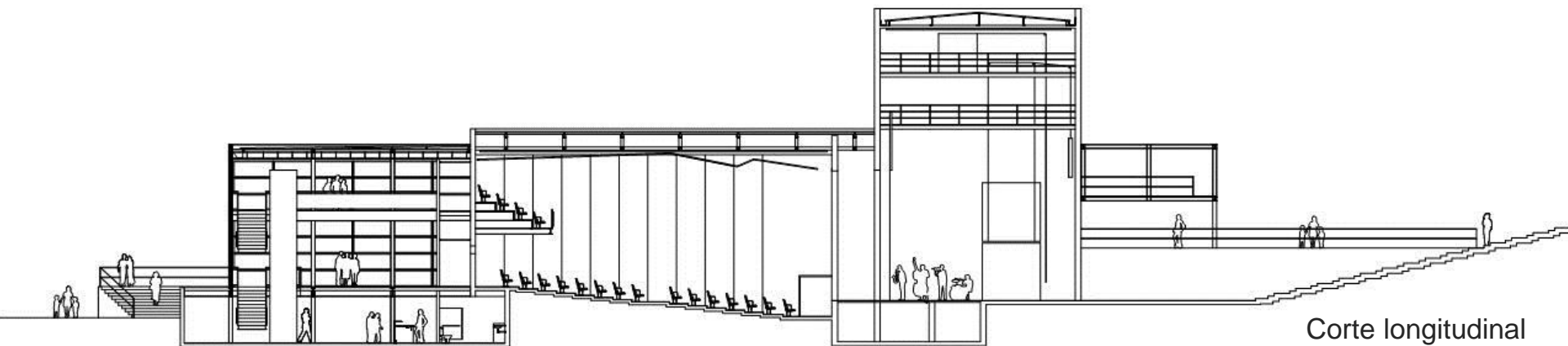
PROPOSTO



PROJETOS EM AÇO



Teatro em
São Carlos - SP



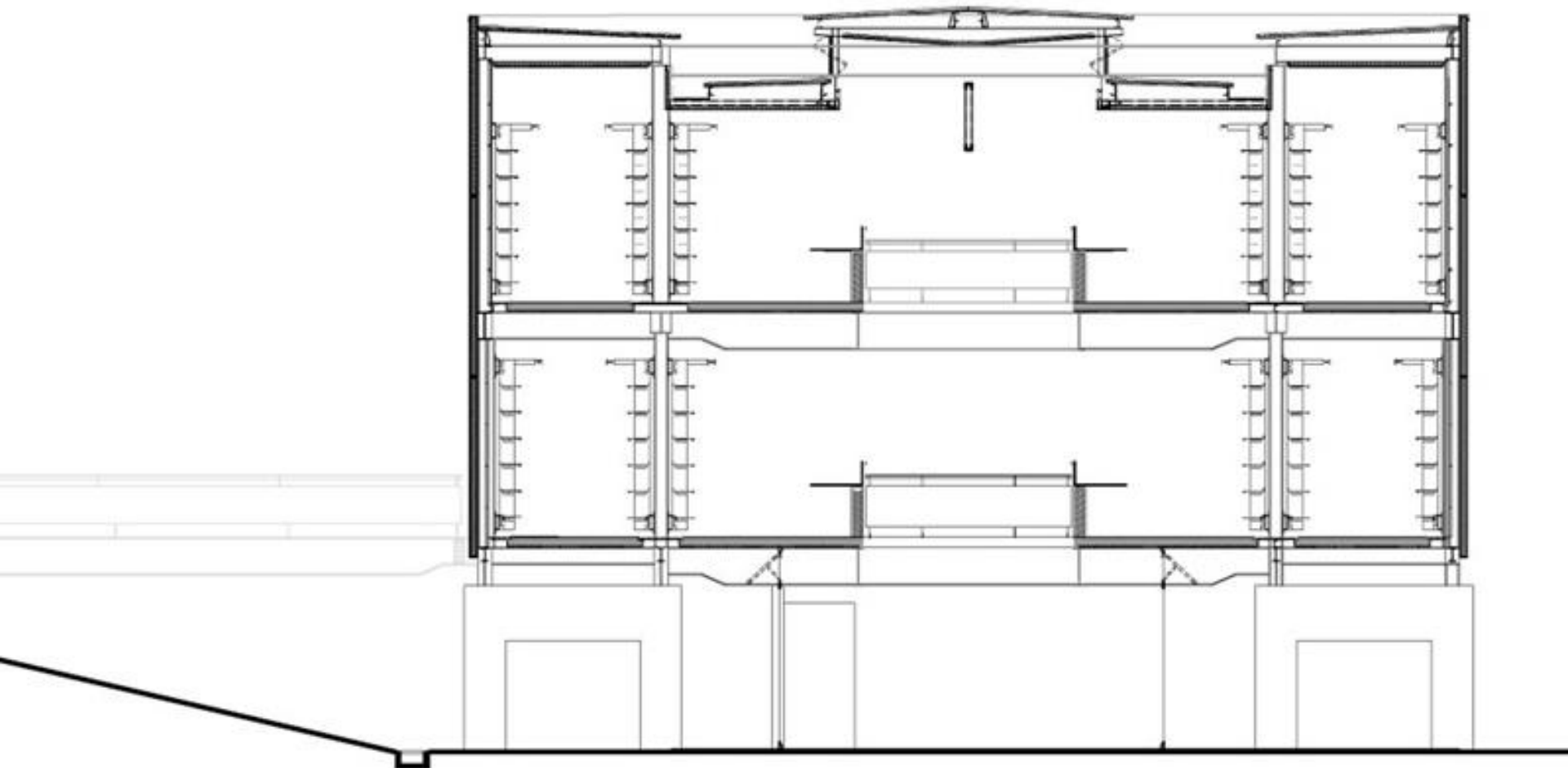


Biblioteca Central
da PUC-Campinas





Biblioteca Central da PUC-Campinas

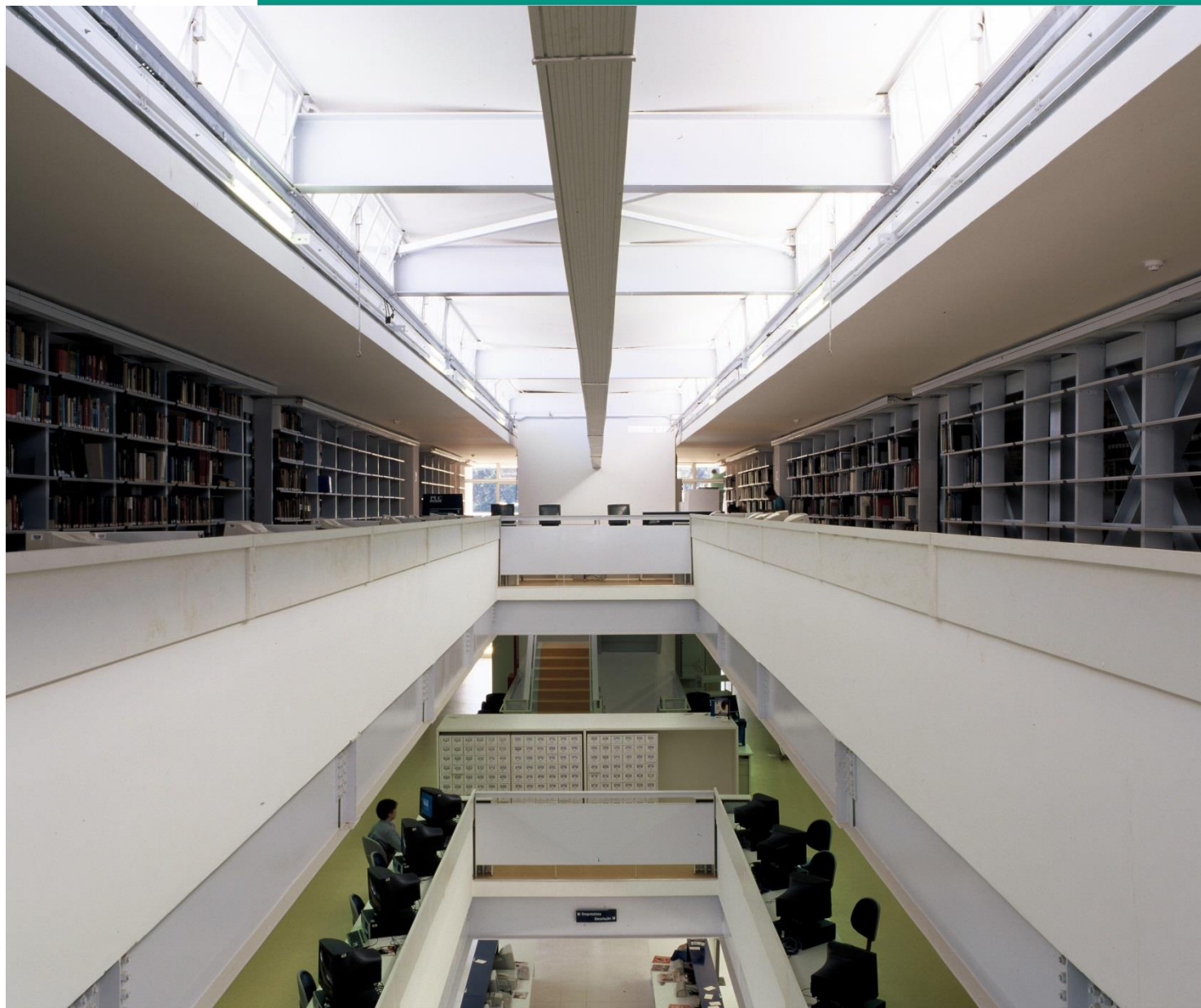


Corte transversal

PROJETOS EM AÇO



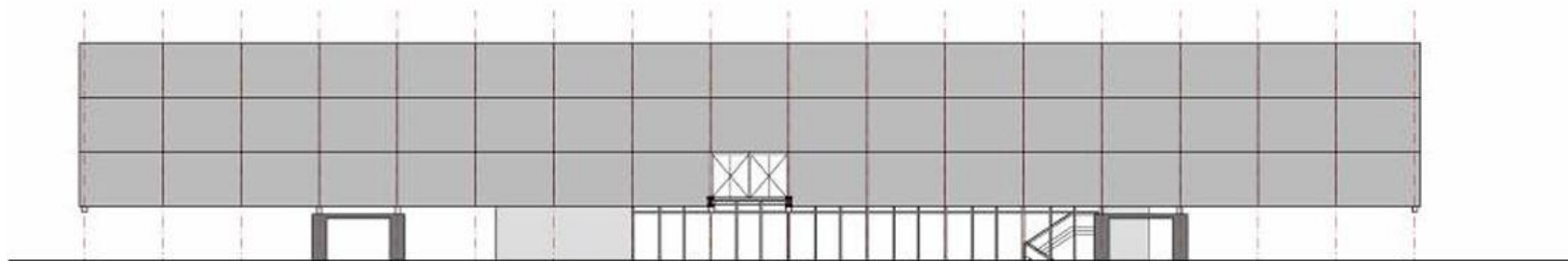
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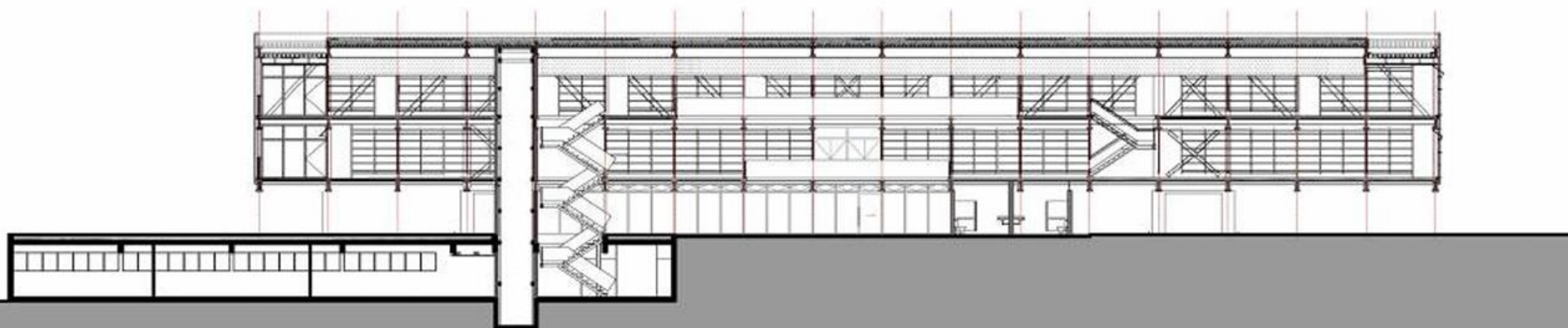
PROJETOS EM AÇO



Biblioteca Central da PUC-Campinas



Elevação

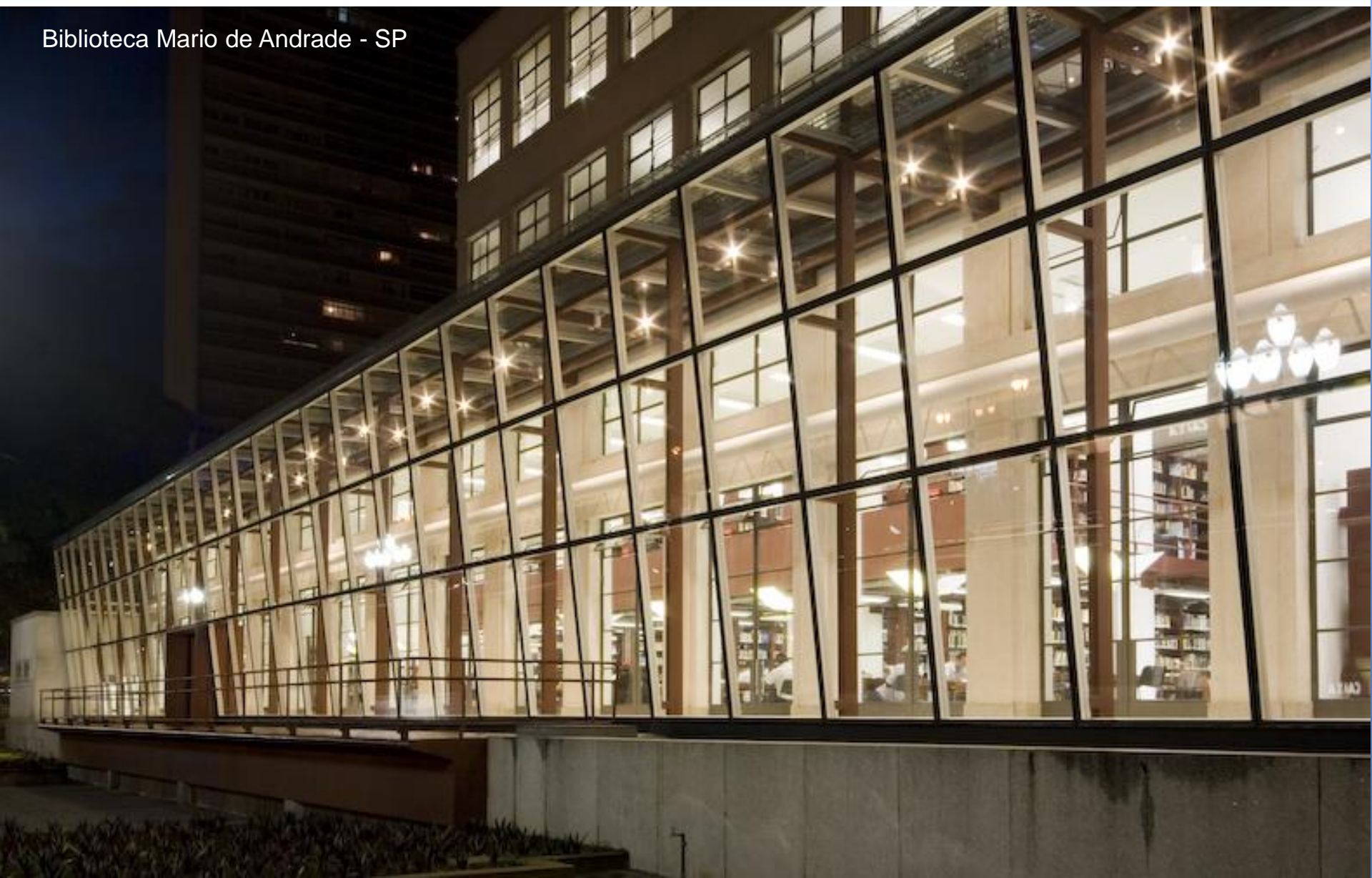


Corte longitudinal

PROJETOS EM AÇO



Biblioteca Mario de Andrade - SP



PROJETOS EM AÇO

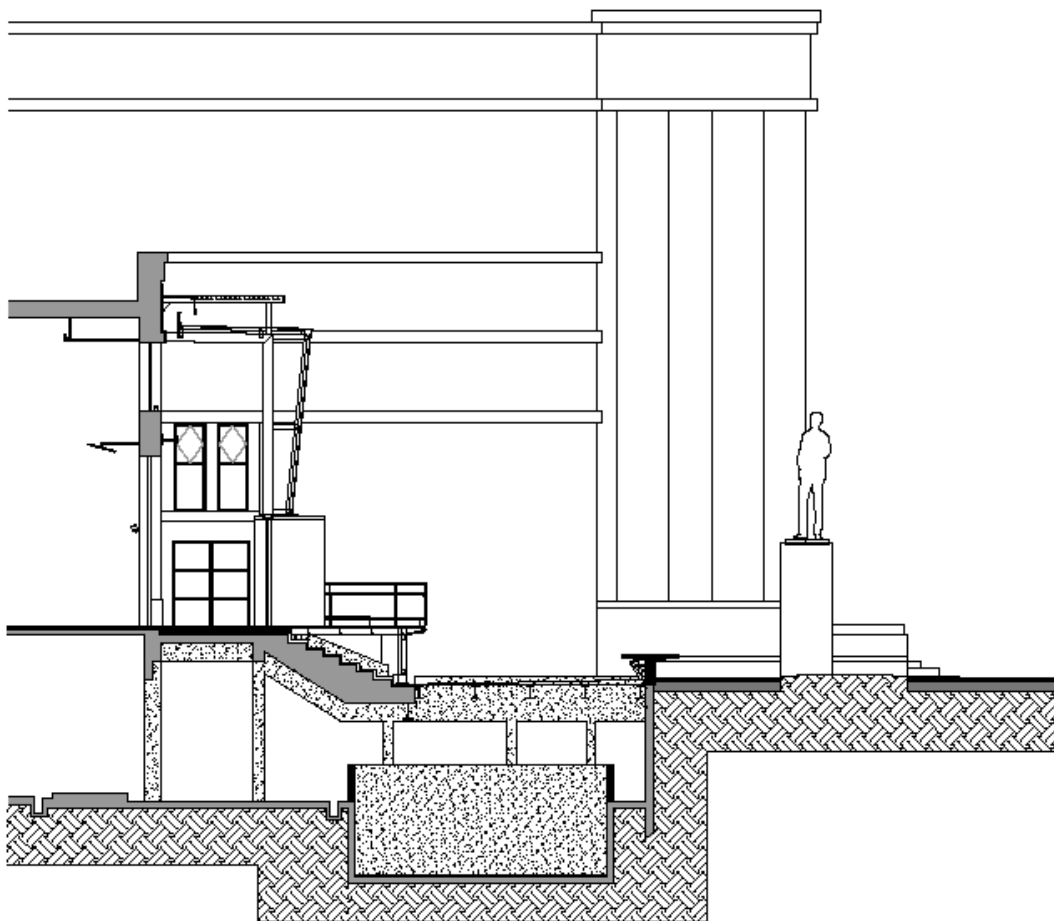


Biblioteca Mario de Andrade - SP

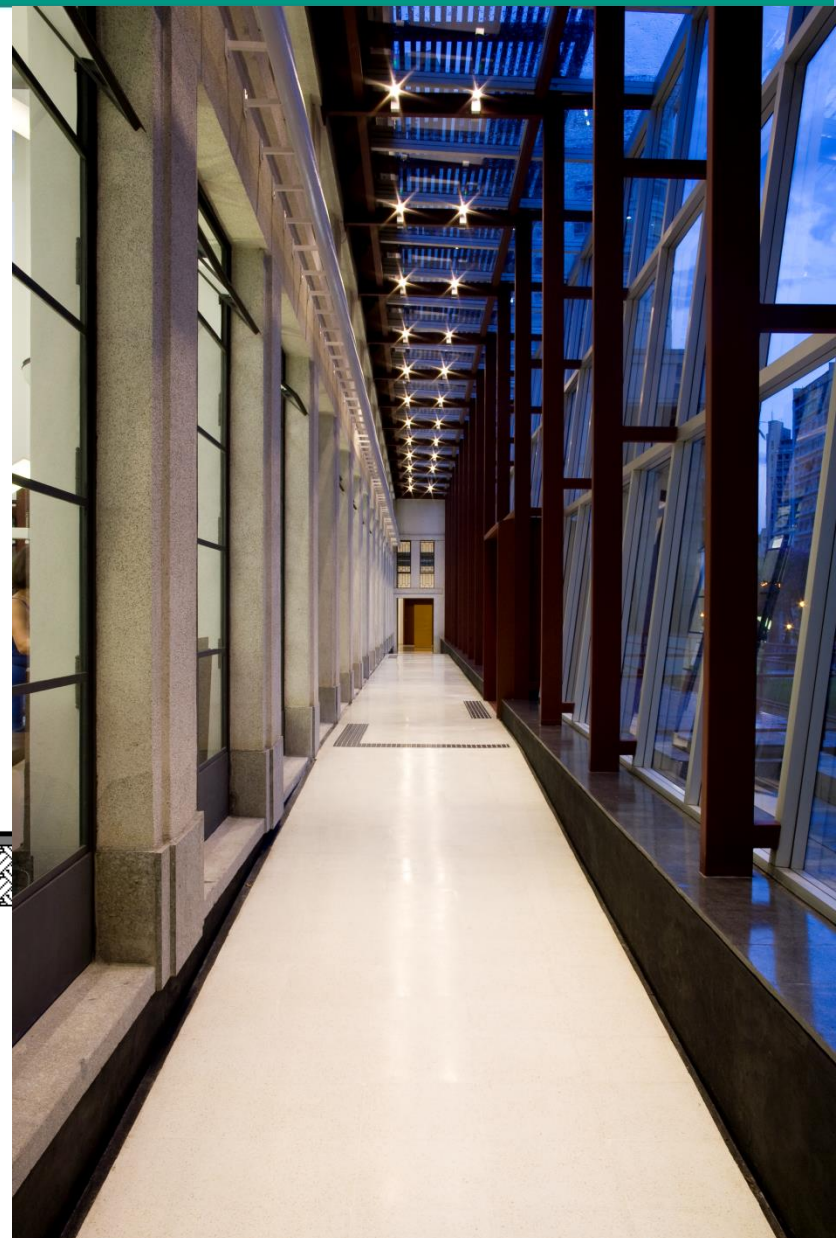




Biblioteca Mario de Andrade - SP



Corte transversal da circulação



PROJETOS EM AÇO



Biblioteca Mario de Andrade - SP



Mezaninos

PROJETOS EM AÇO



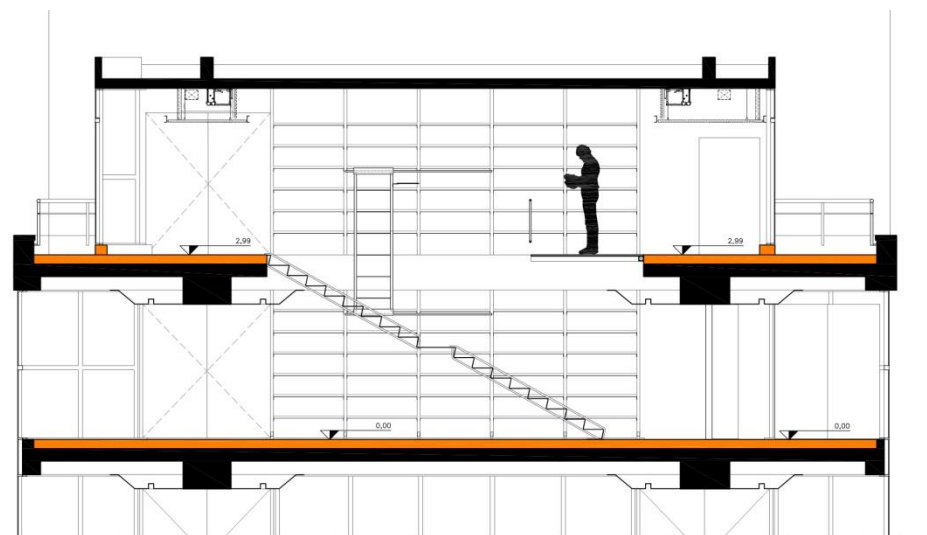
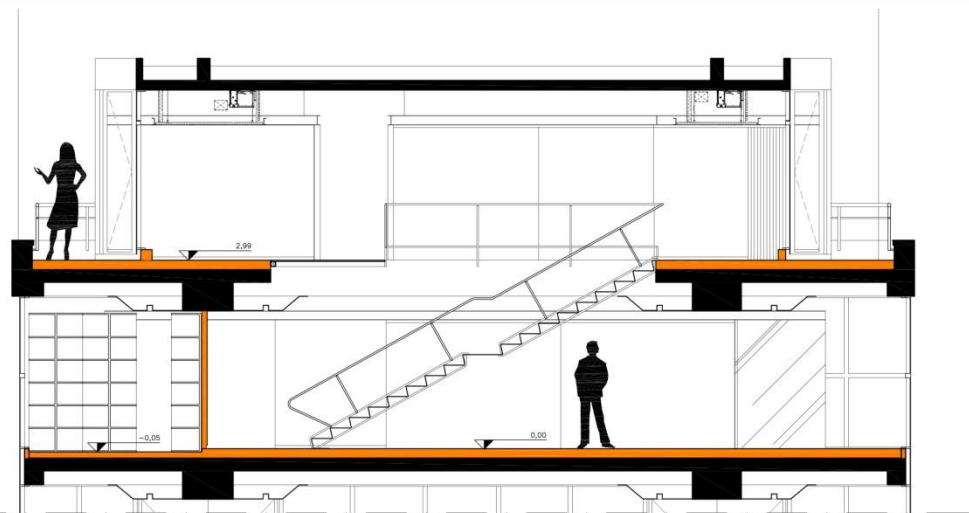
Guedes Nunes Oliveira
e Roquim Advogados - SP



PROJETOS EM AÇO



Guedes Nunes Oliveira e Roquim Advogados - SP

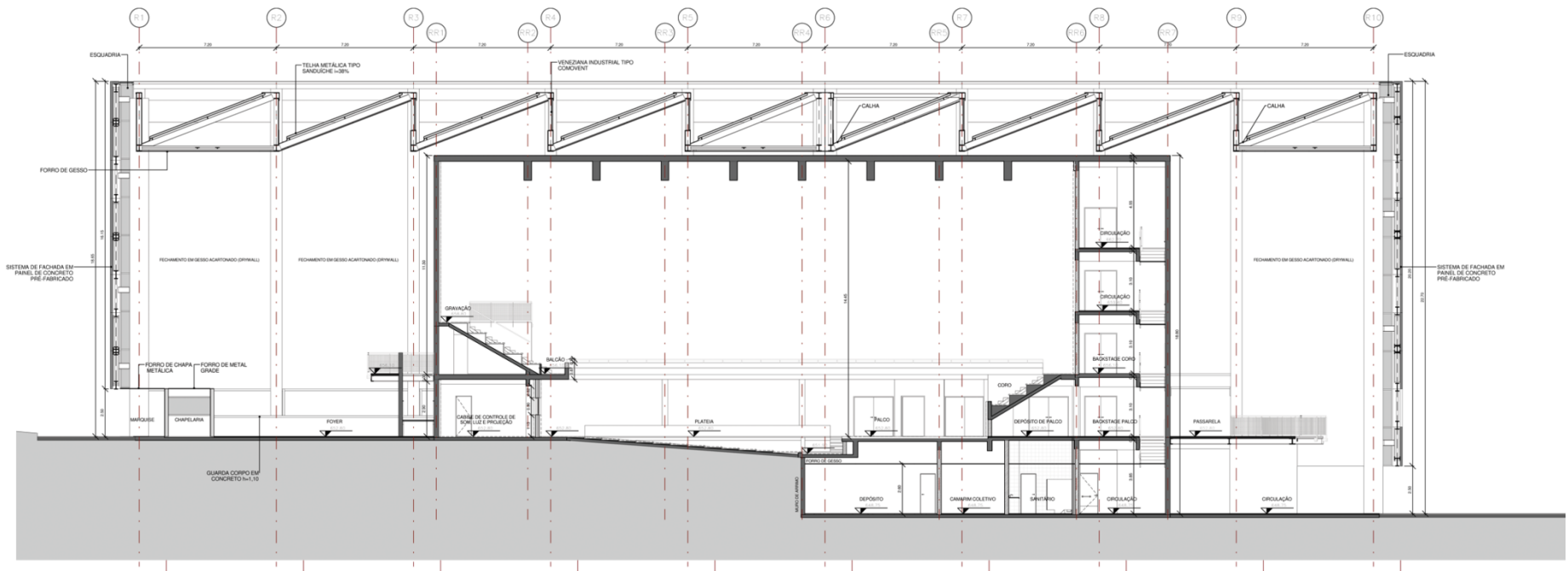


Cortes transversais





Conservatório de Tatuí – Sala de recitais

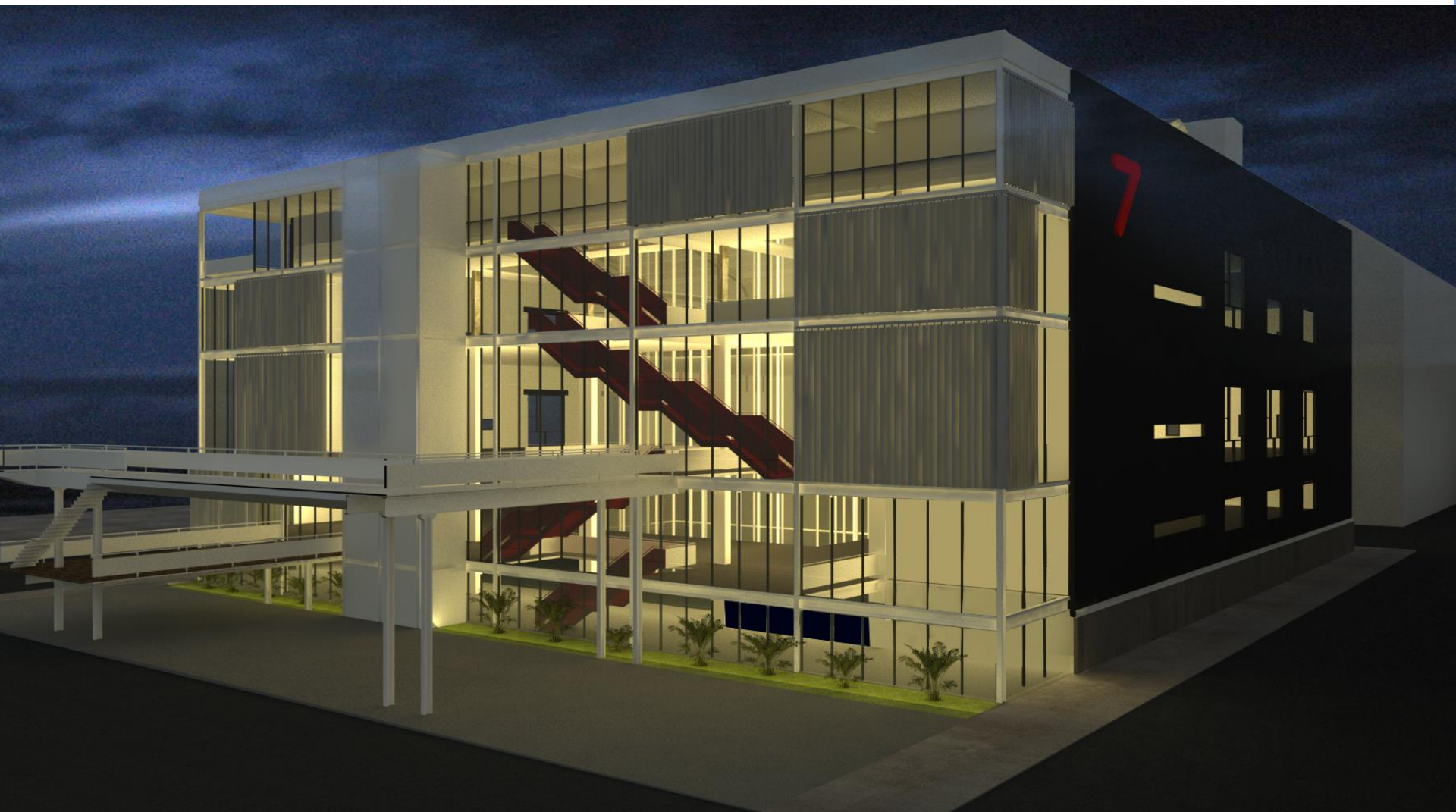


Corte longitudinal

PROJETOS EM AÇO

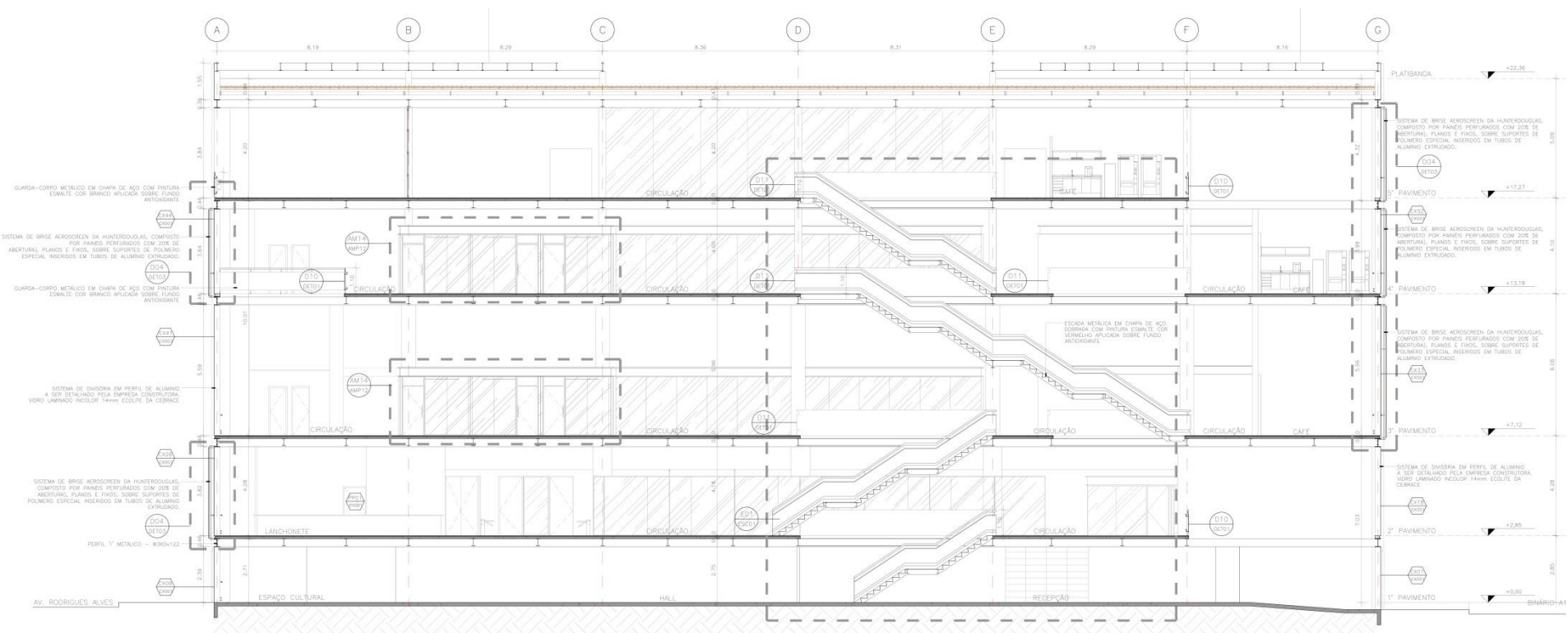


Sede da SUBSEA 7 - RJ





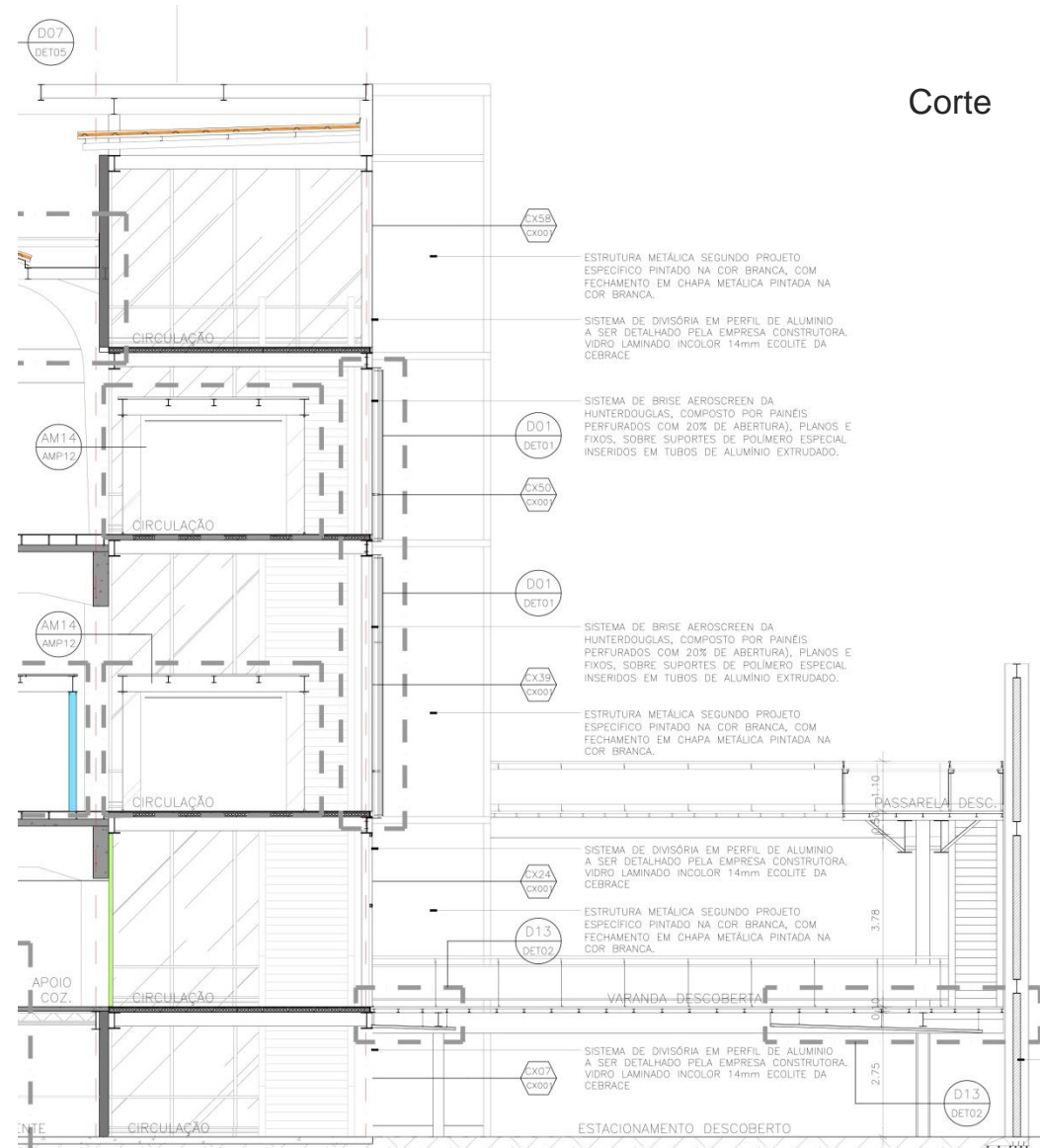
Sede da SUBSEA 7 - RJ



Corte

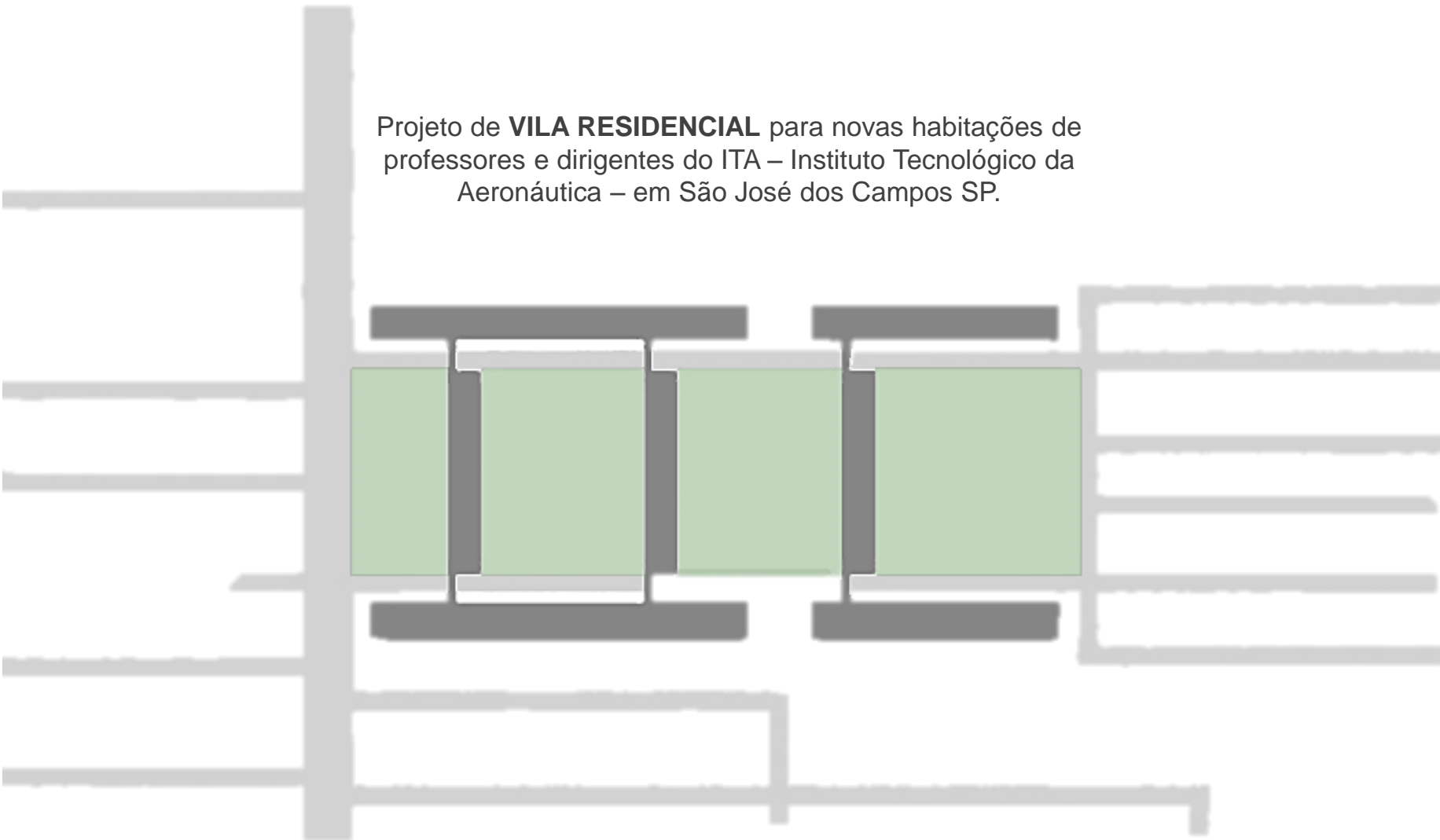


Sede da SUBSEA 7 - RJ





Projeto de **VILA RESIDENCIAL** para novas habitações de professores e dirigentes do ITA – Instituto Tecnológico da Aeronáutica – em São José dos Campos SP.



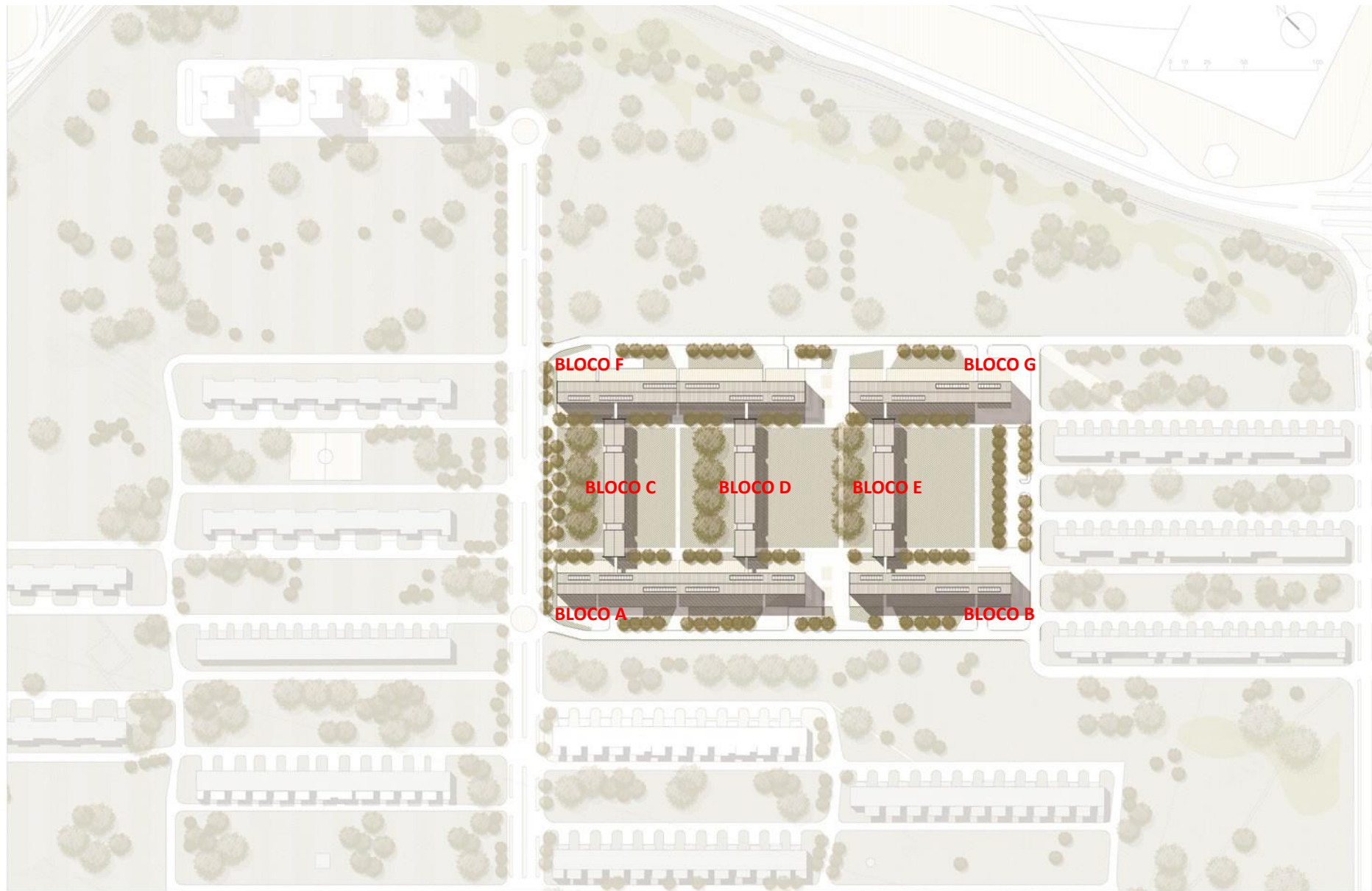
ESTUDO DE CASO

IMPLANTAÇÃO

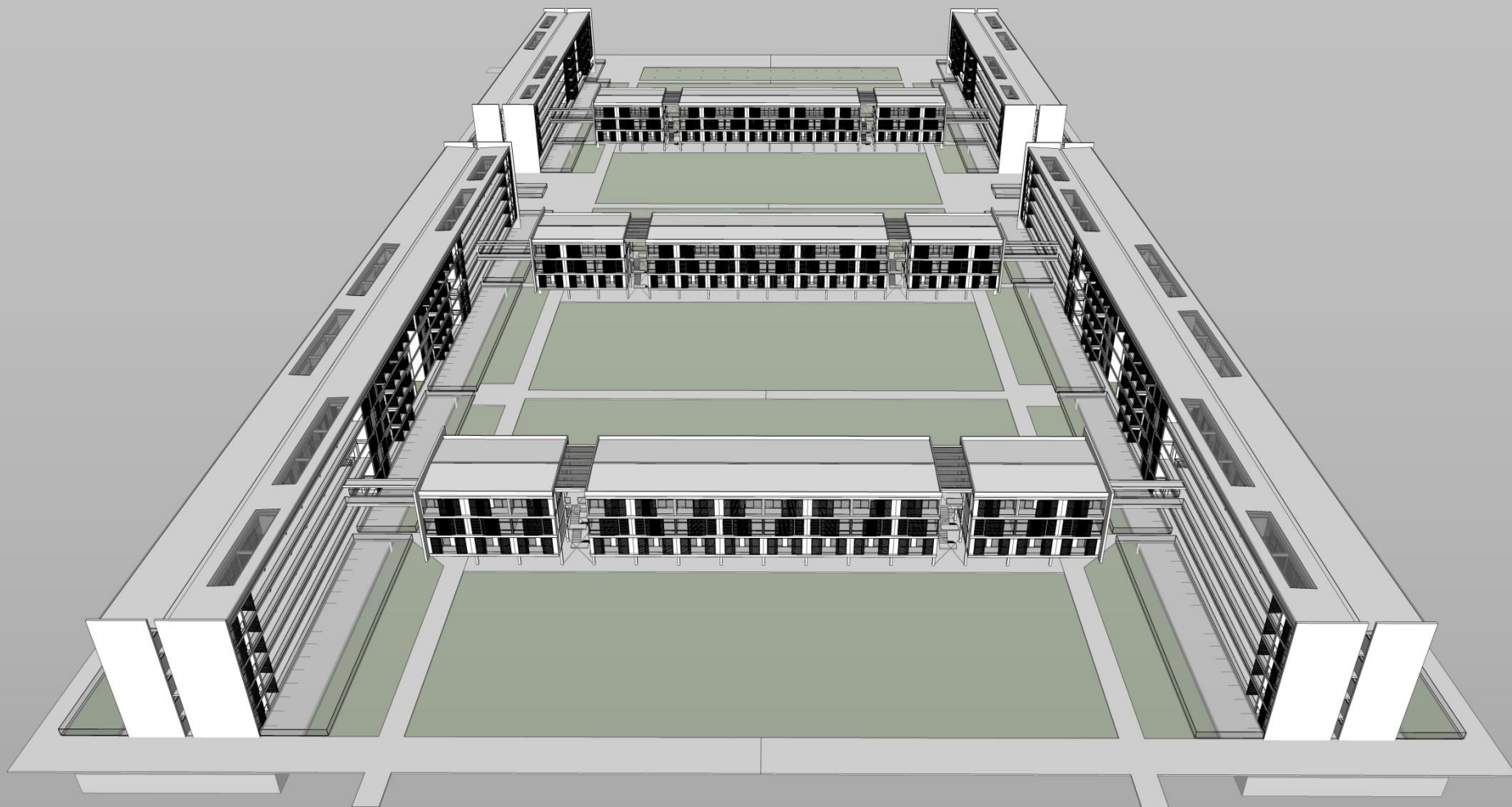


ESTUDO DE CASO

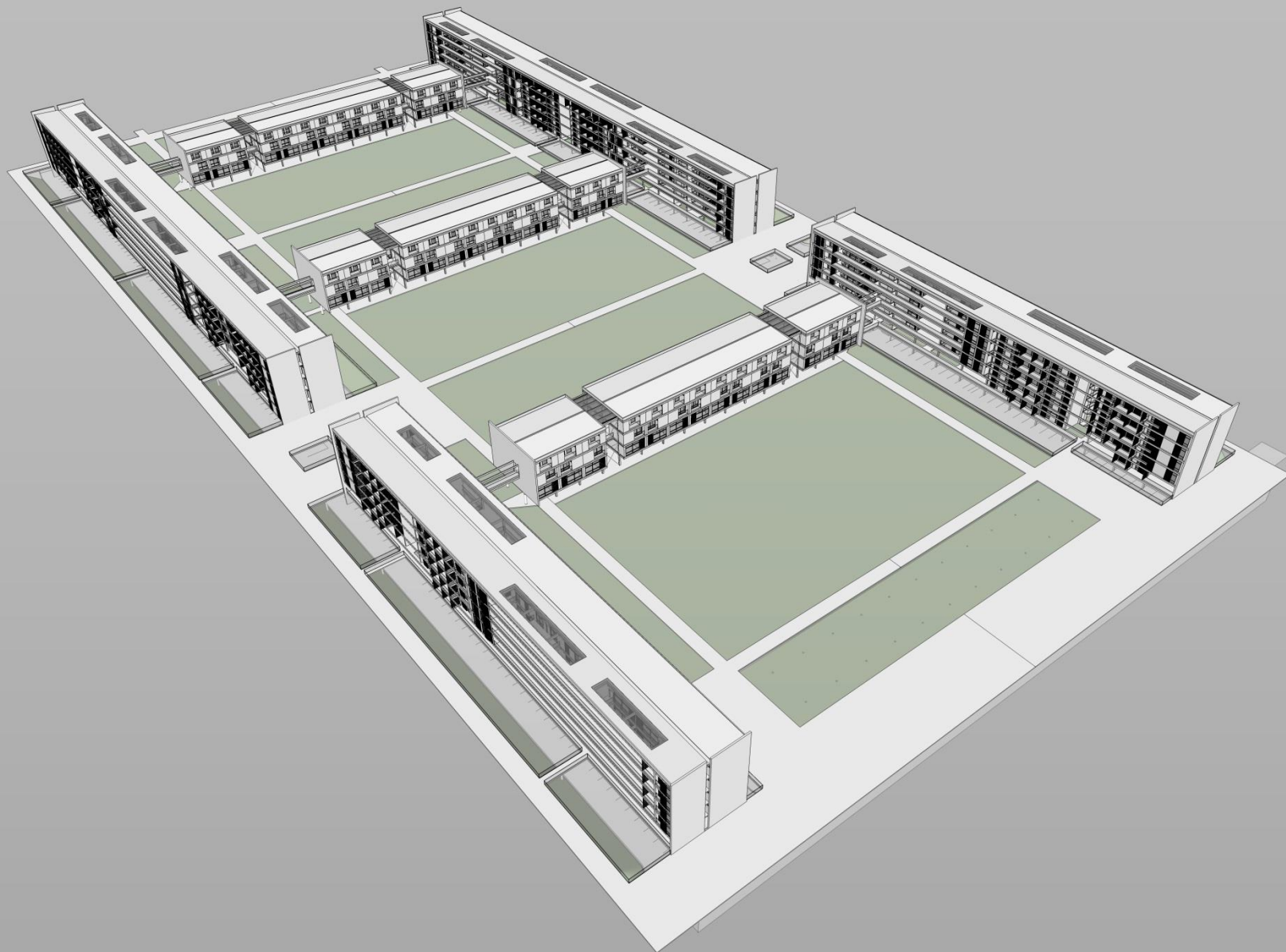
IMPLANTAÇÃO



ESTUDO DE CASO CONJUNTO

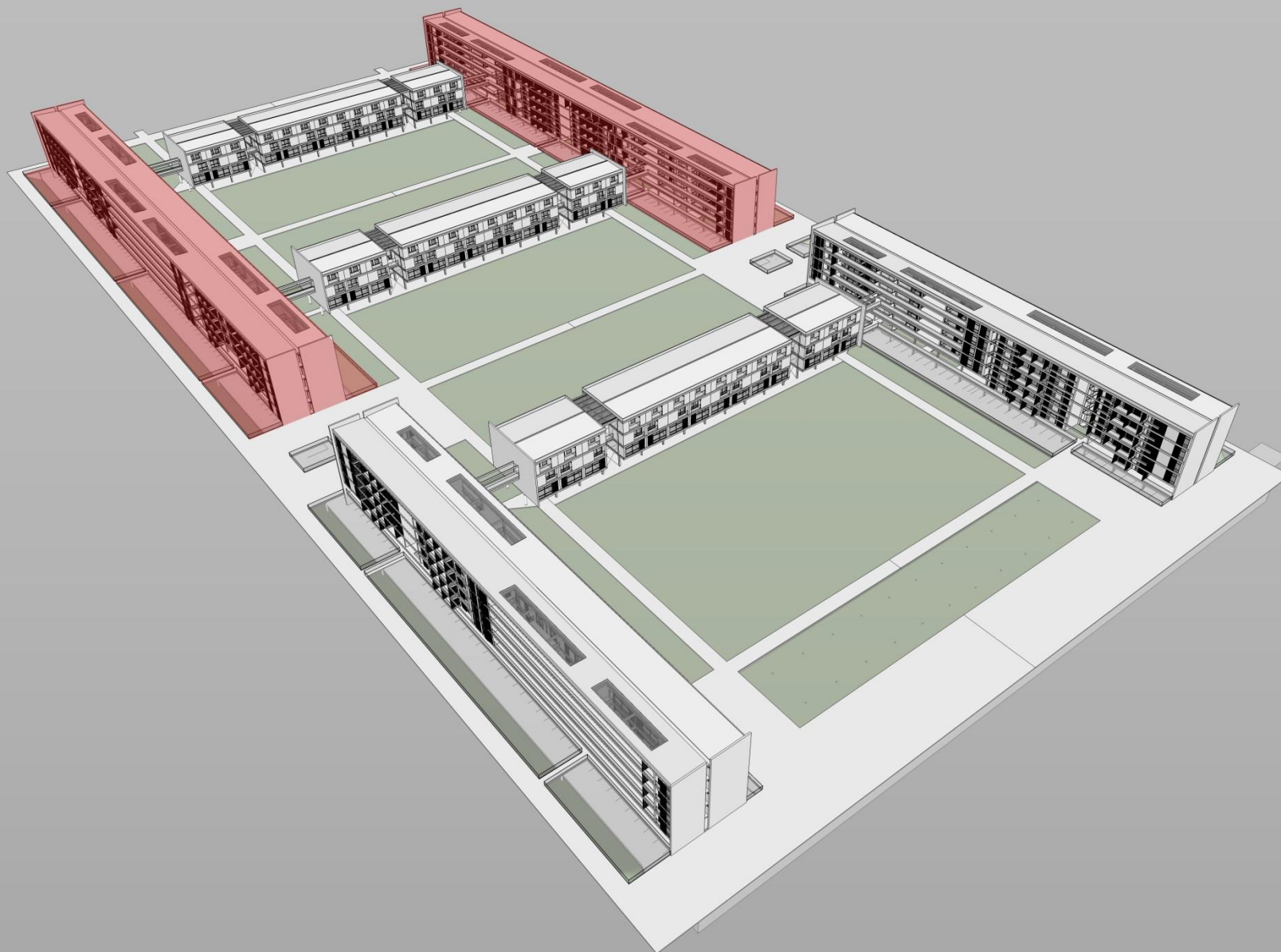


ESTUDO DE CASO CONJUNTO



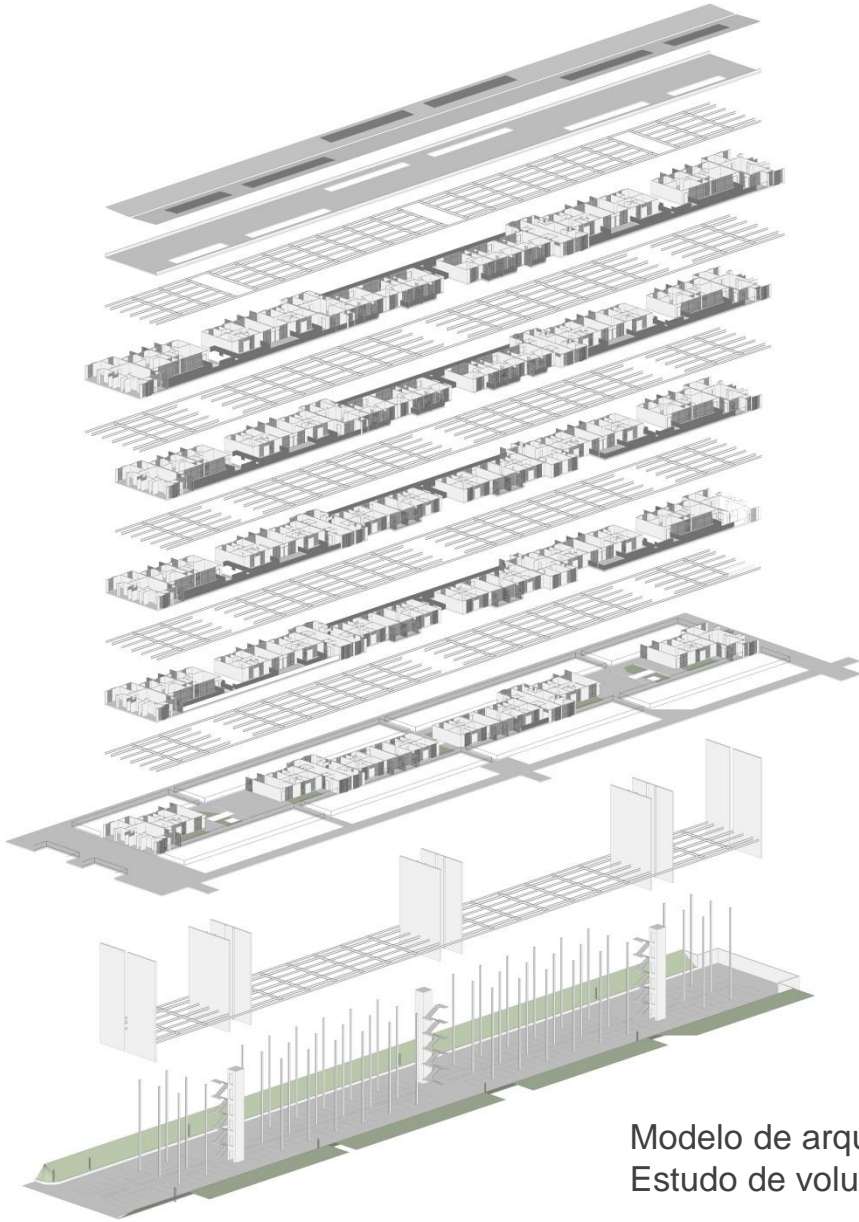
ESTUDO DE CASO

BLOCOS A / F

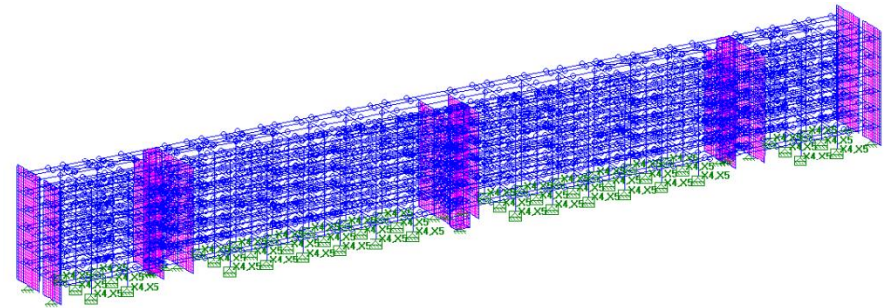


ESTUDO DE CASO

BLOCOS A / F ARQ - ENG



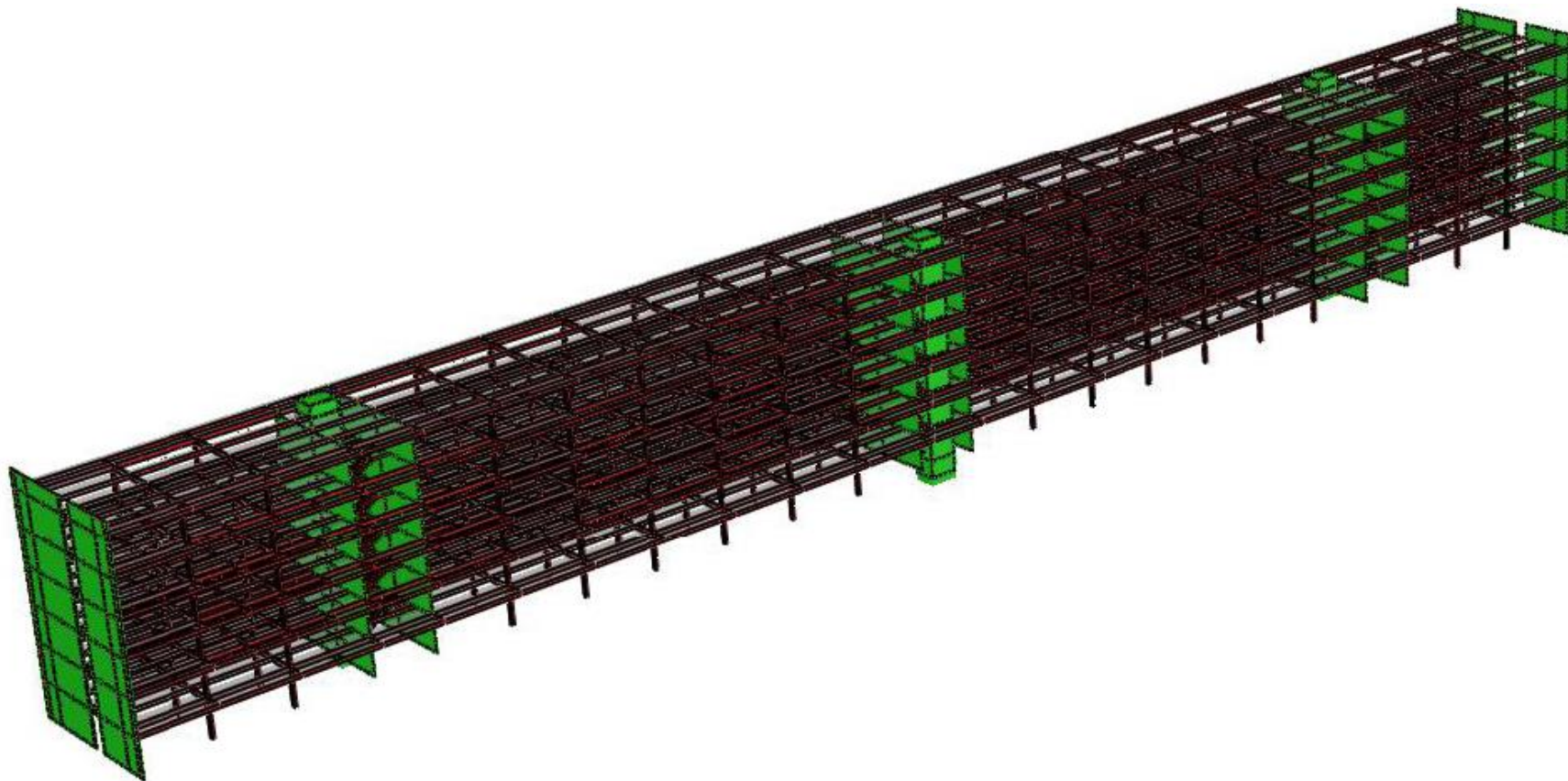
Modelo de arquitetura:
Estudo de volumetria



Modelos de engenharia:
cálculos e dimensionamentos

ESTUDO DE CASO

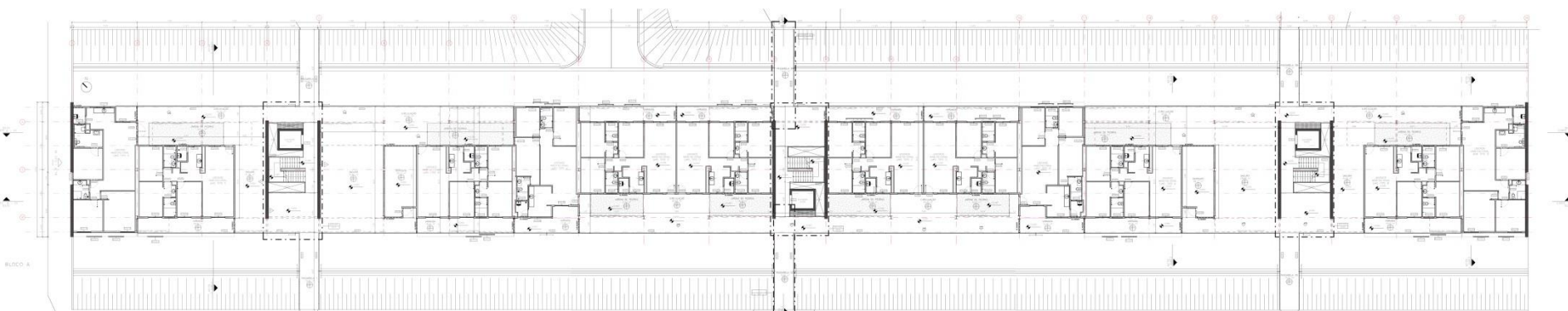
BLOCOS A / F ARQ - ENG



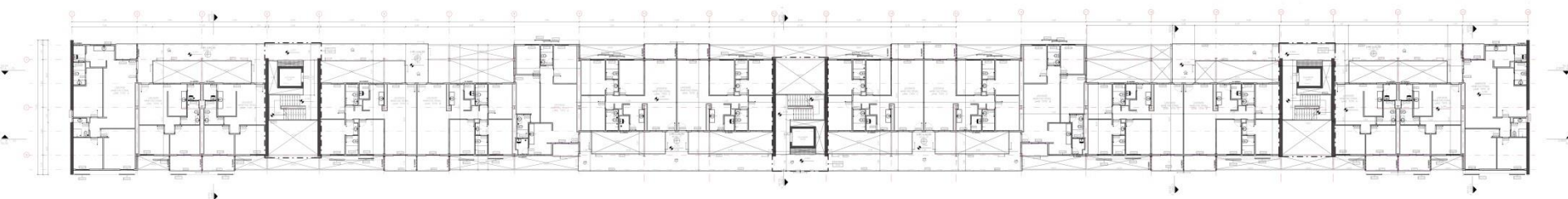
Modelos de engenharia:
cálculos e dimensionamentos

ESTUDO DE CASO

BLOCOS A / F PLANTAS



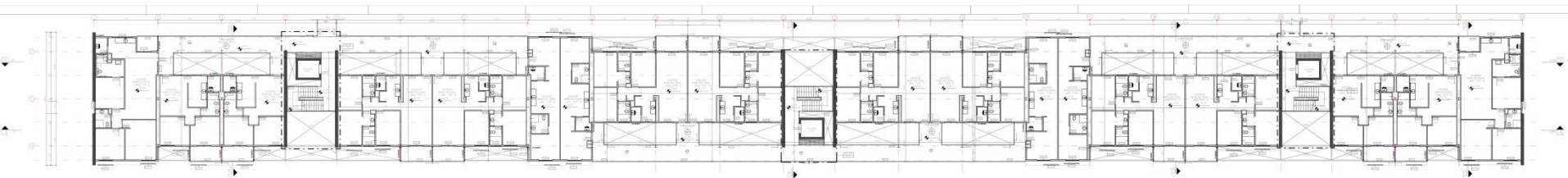
Pavimento térreo



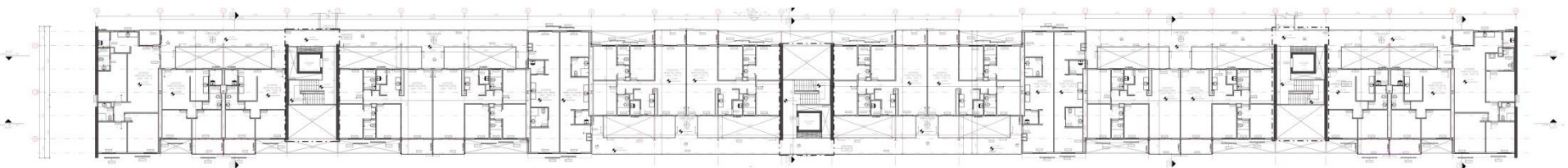
Primeiro pavimento

ESTUDO DE CASO

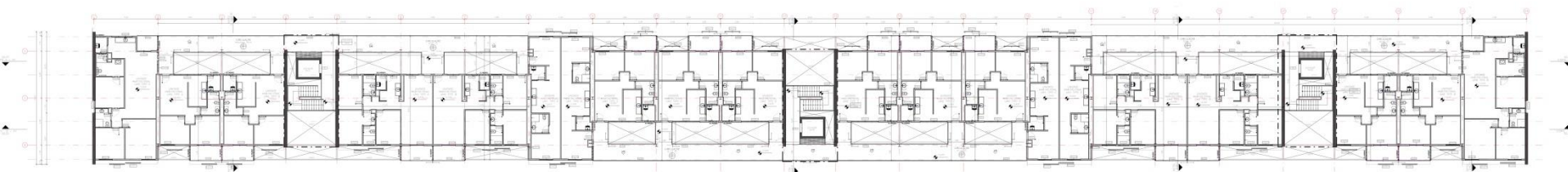
BLOCOS A / F PLANTAS



Segundo pavimento



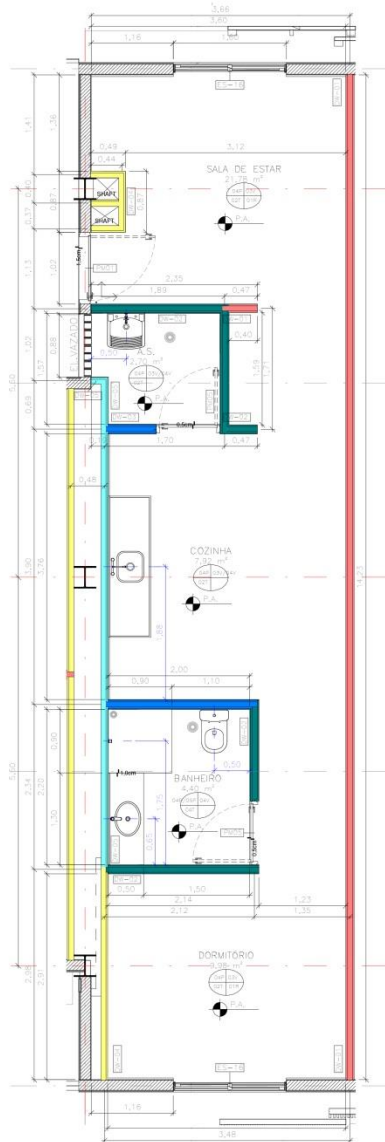
Terceiro pavimento



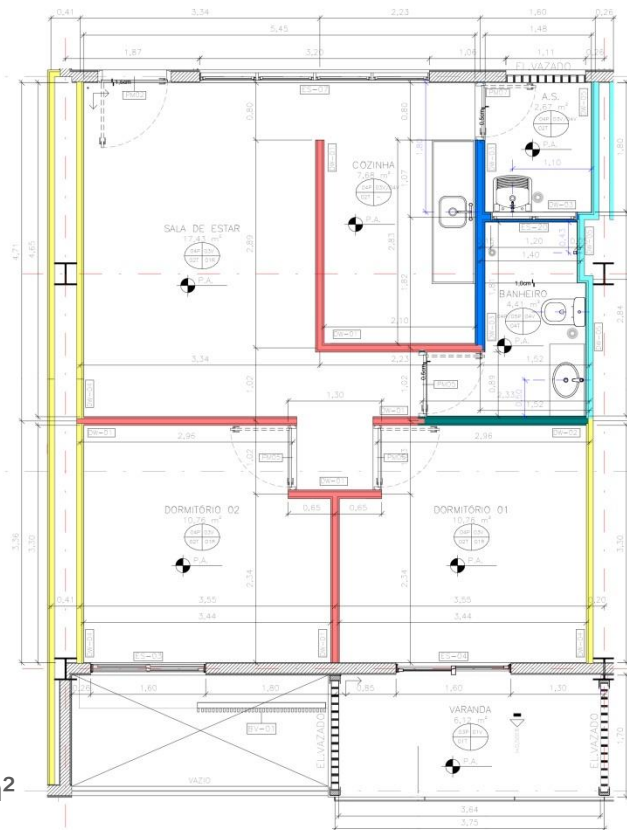
Quarto pavimento

ESTUDO DE CASO

TIPOLOGIAS BLOCOS A/B/F/G



Tipologia de 54,48 m²



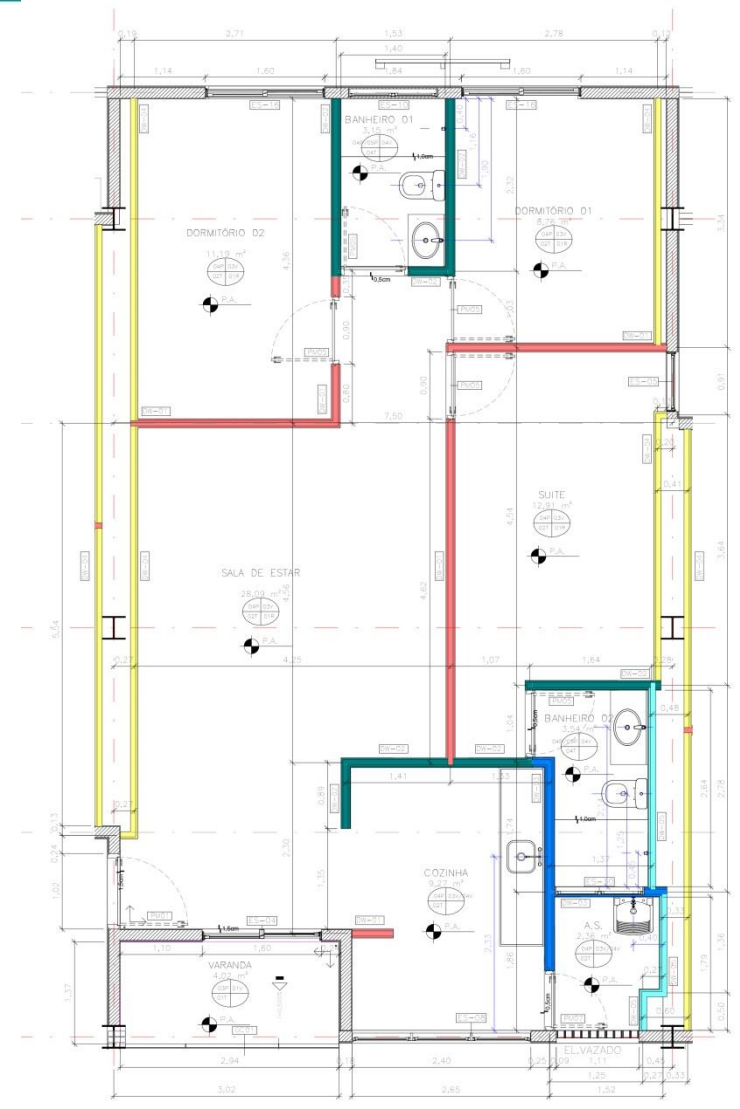
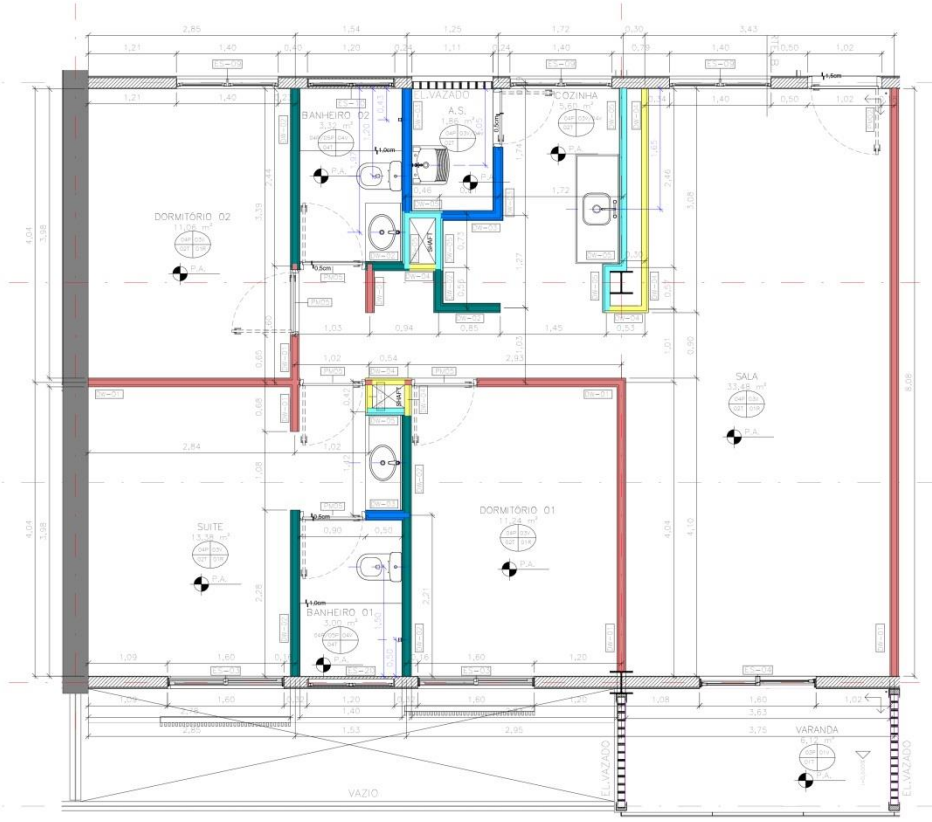
Tipologia de 69,43 m²

ESTUDO DE CASO

TIPOLOGIAS BLOCOS A/B/F/G



Tipologia de 100,96 m²



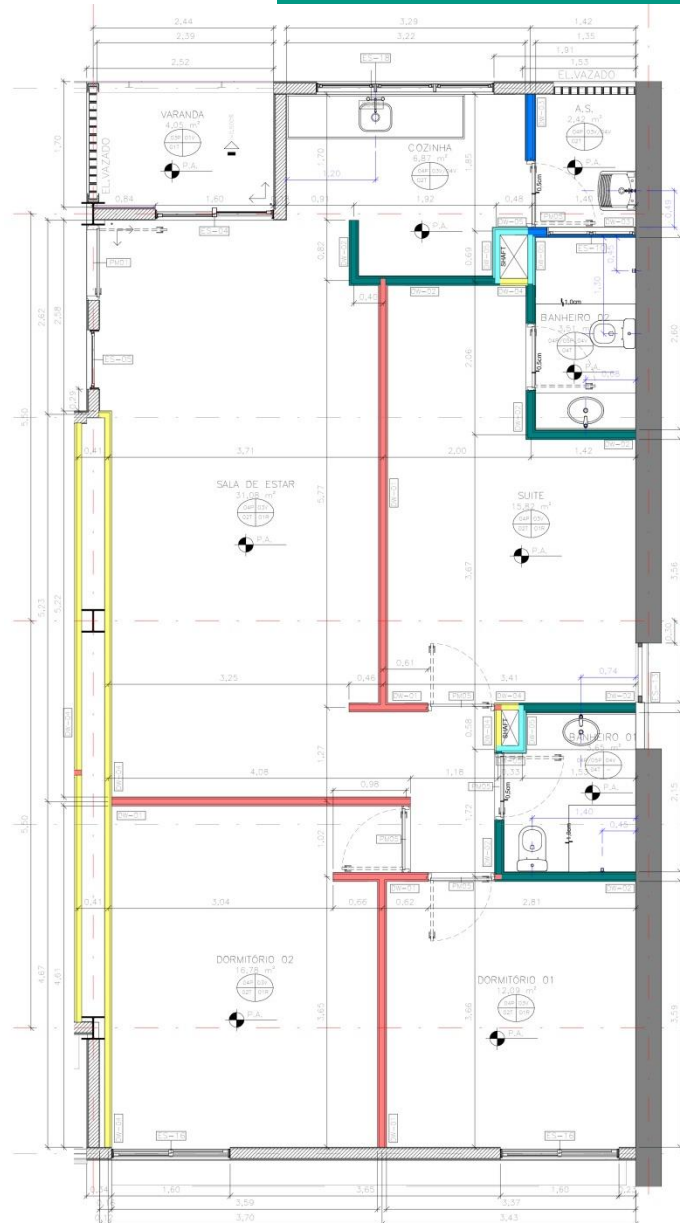
Tipologia de 96,56 m²

ESTUDO DE CASO

TIPOLOGIAS BLOCOS A/B/F/G

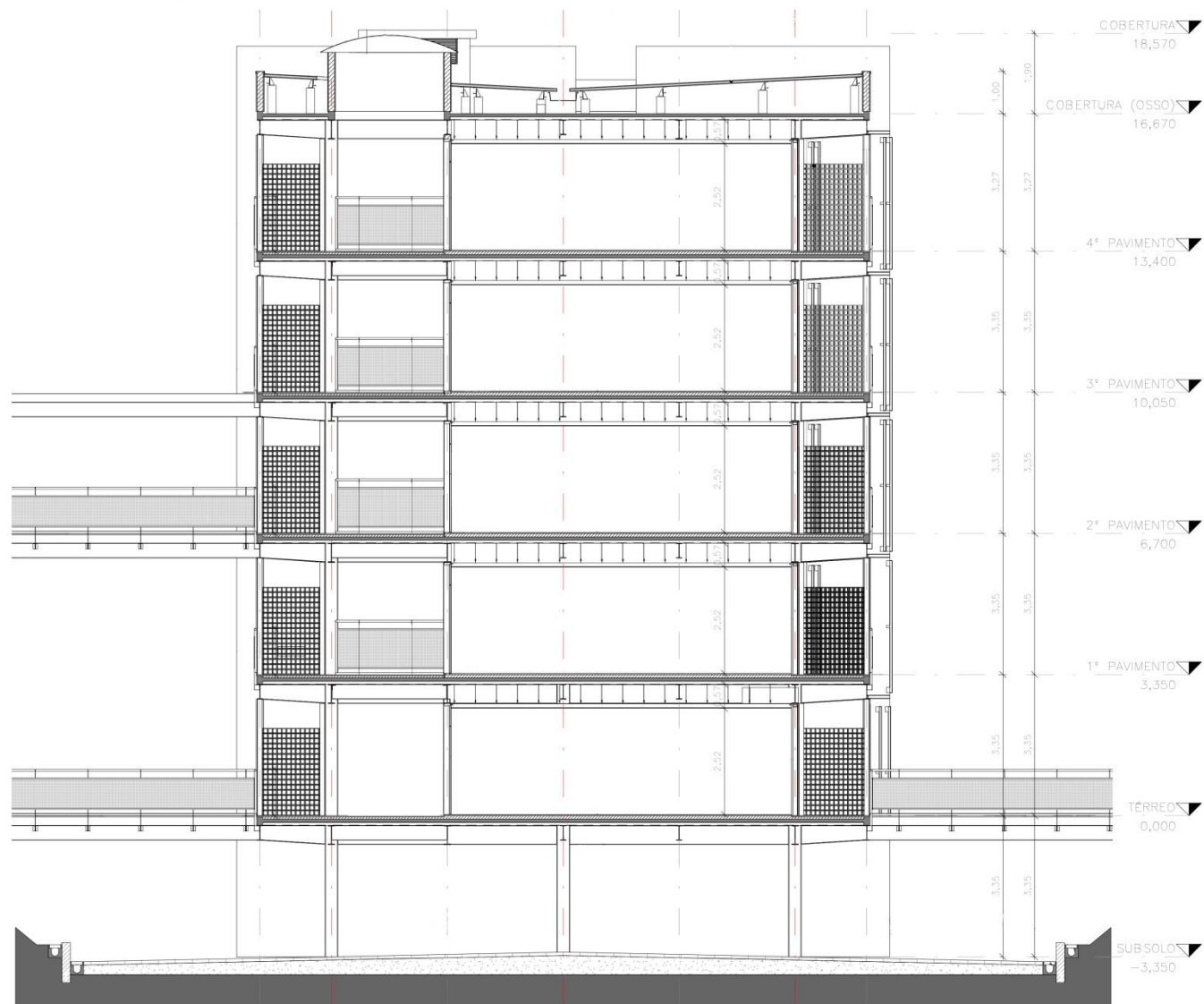


Tipologia de 109,54 m²



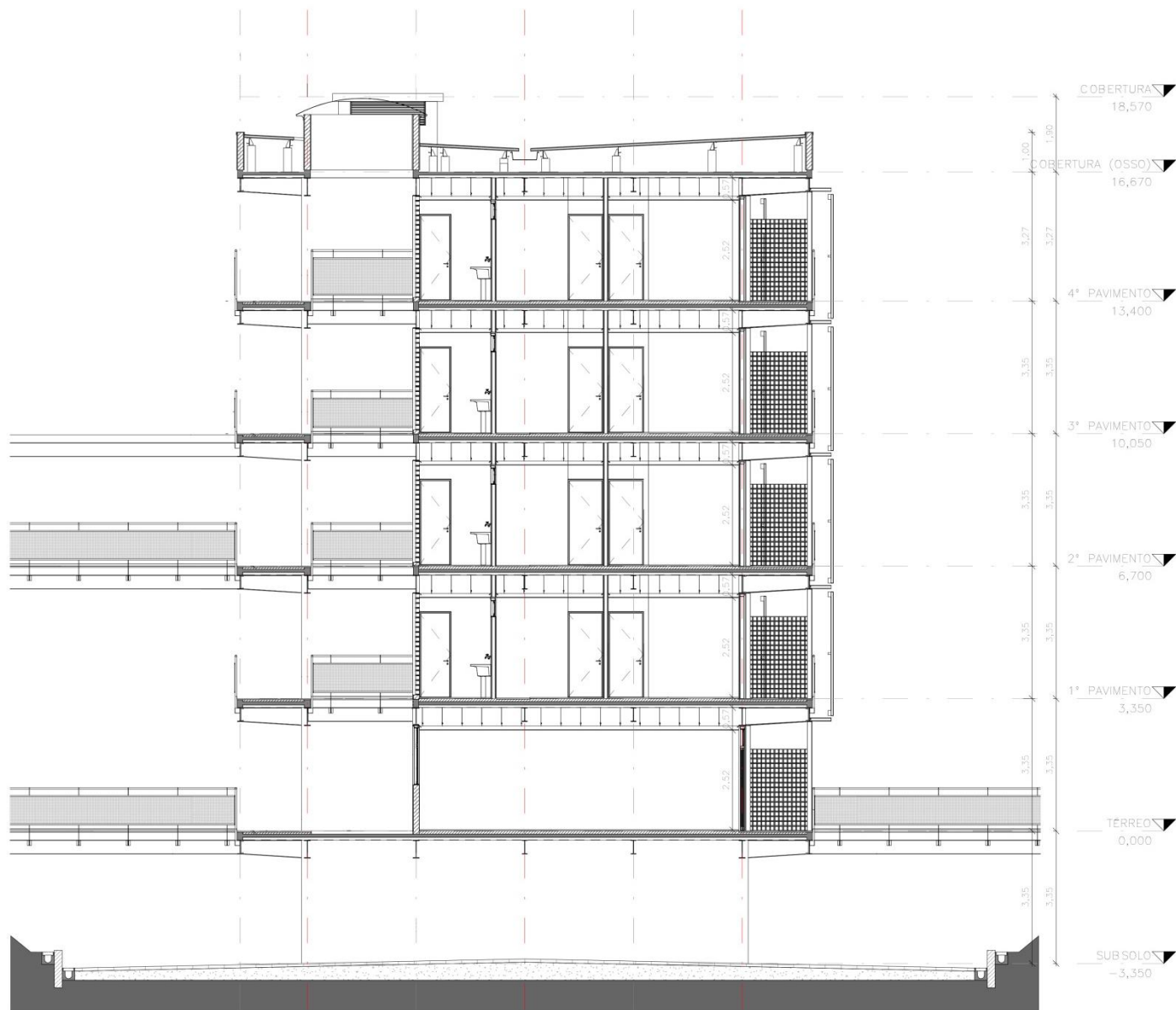
ESTUDO DE CASO

BLOCOS A / F CORTES



ESTUDO DE CASO

BLOCOS A / F CORTES



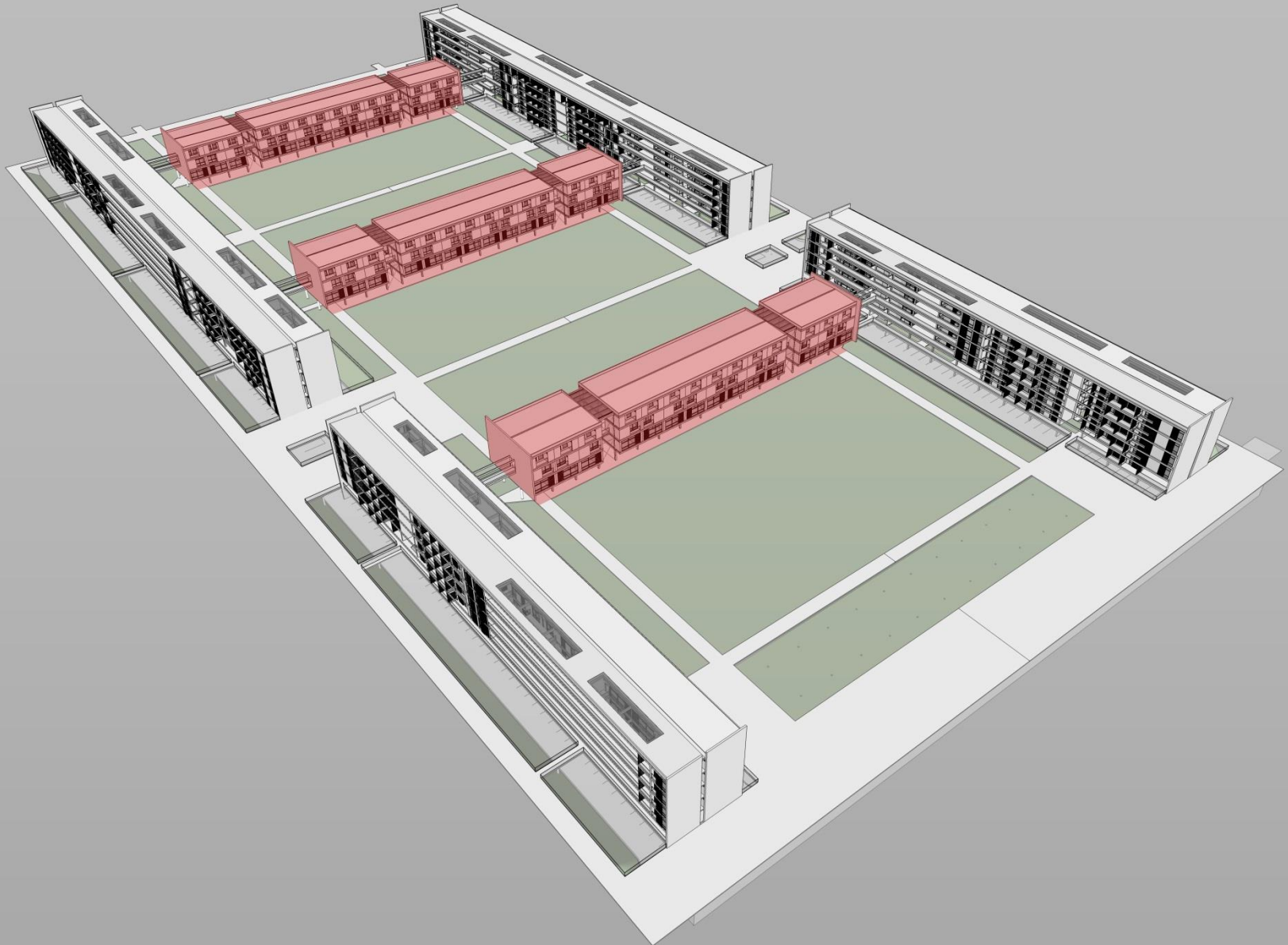
ESTUDO DE CASO

PERSPECTIVAS



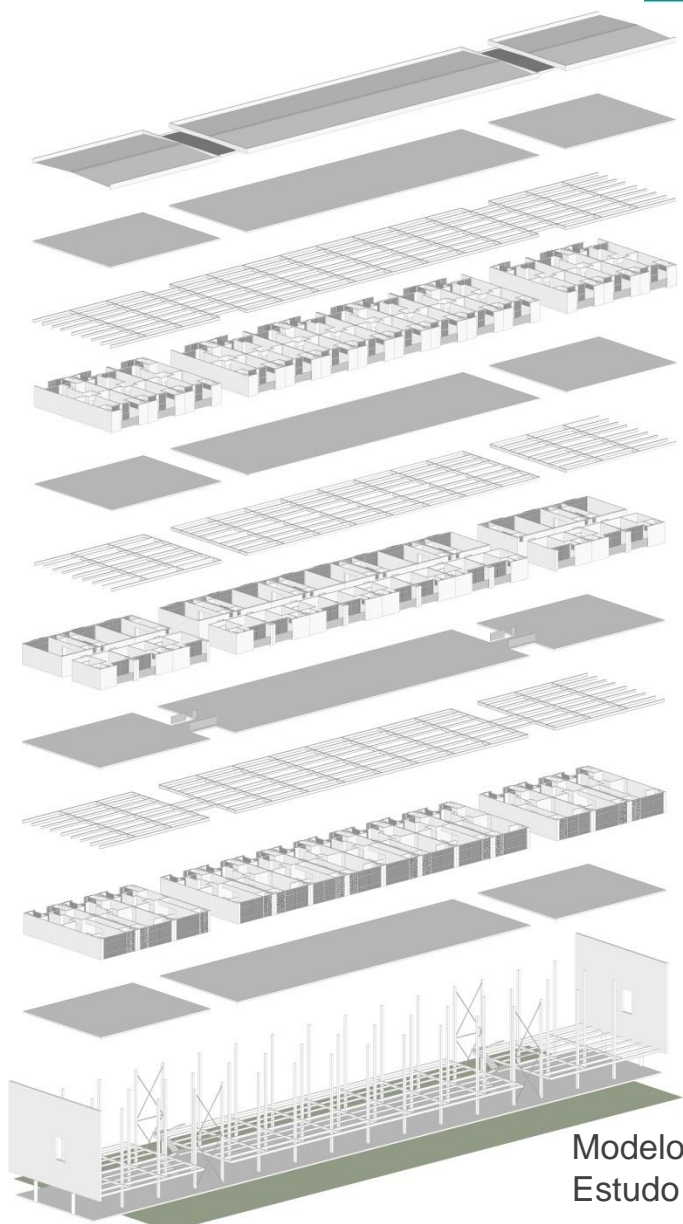
ESTUDO DE CASO

BLOCOS C/D/E

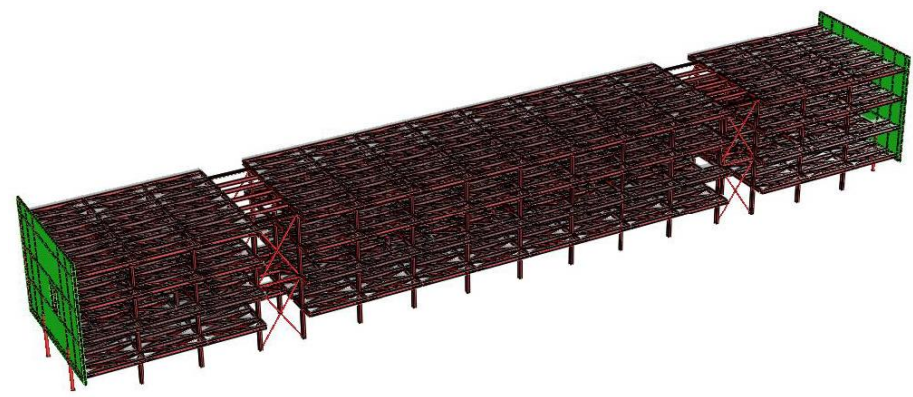


ESTUDO DE CASO

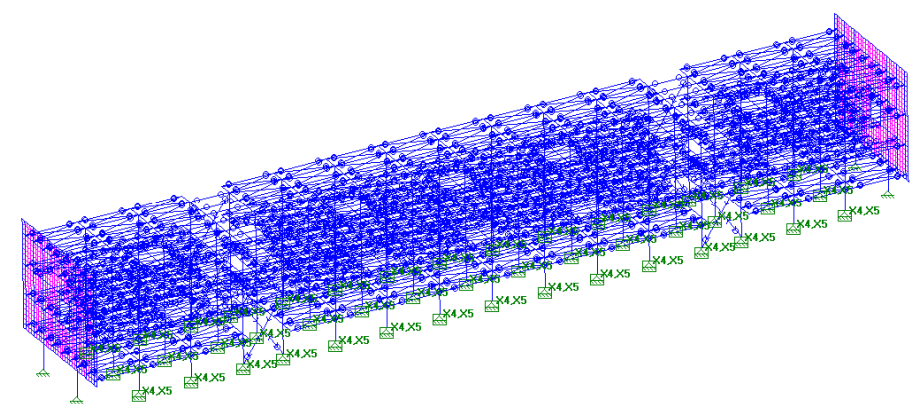
BLOCOS C/D/E ARQ - ENG



Modelo de arquitetura:
Estudo de volumetria

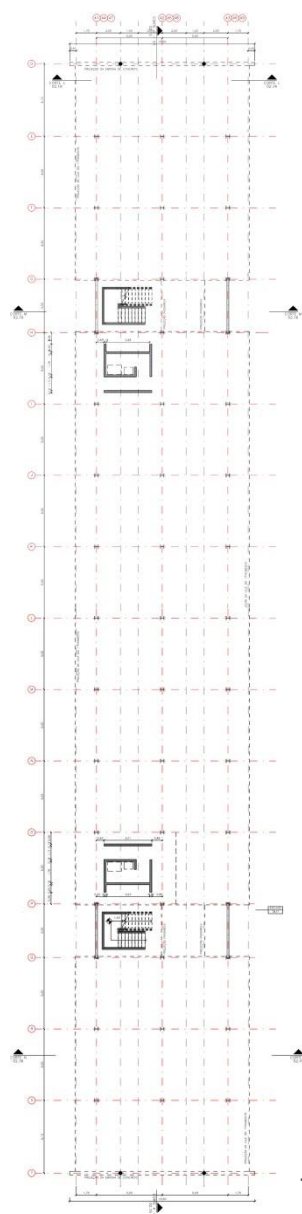


Modelos de engenharia:
cálculos e dimensionamentos

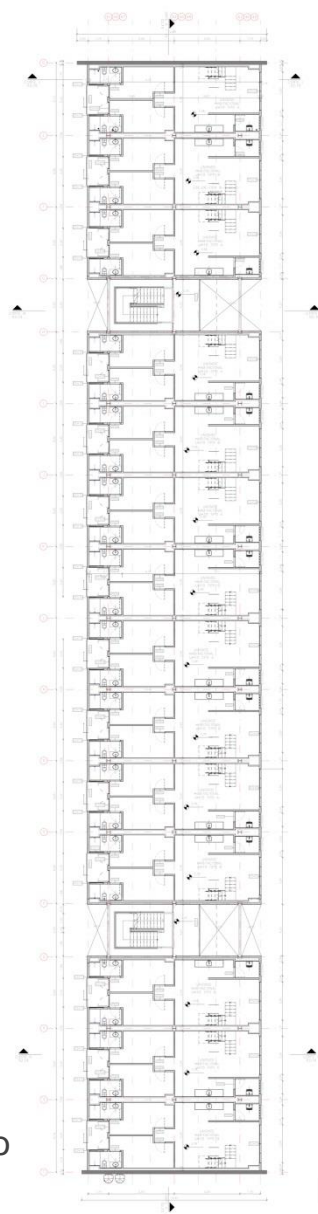


ESTUDO DE CASO

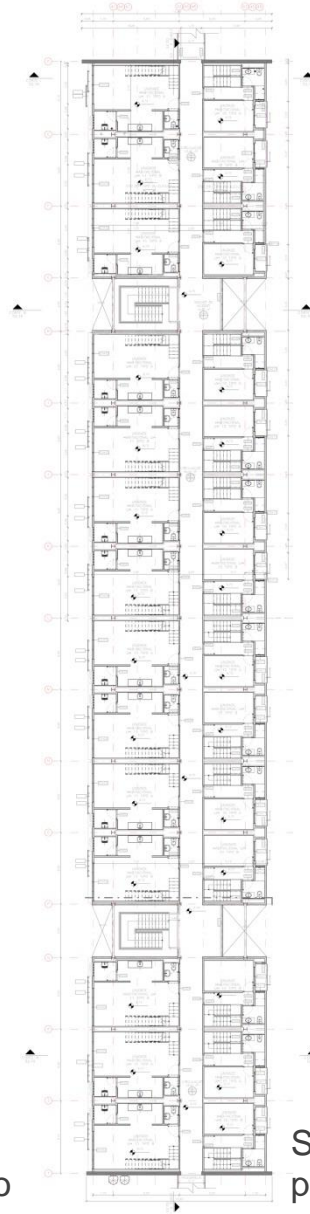
BLOCOS C/D/E PLANTAS



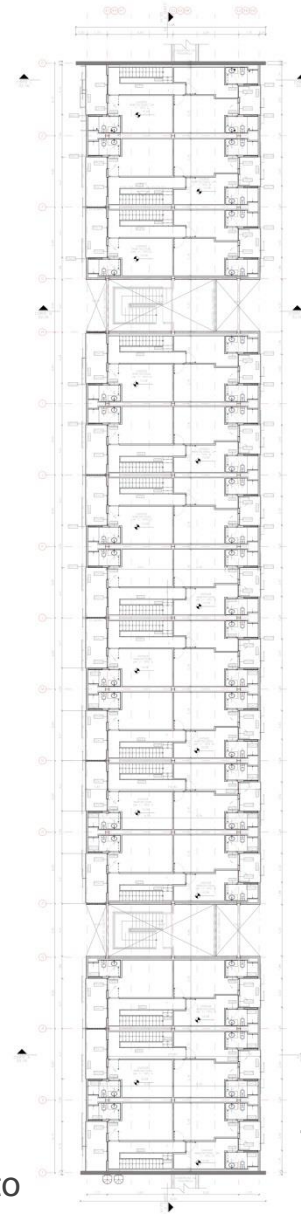
Pavimento
térreo



Primeiro
pavimento



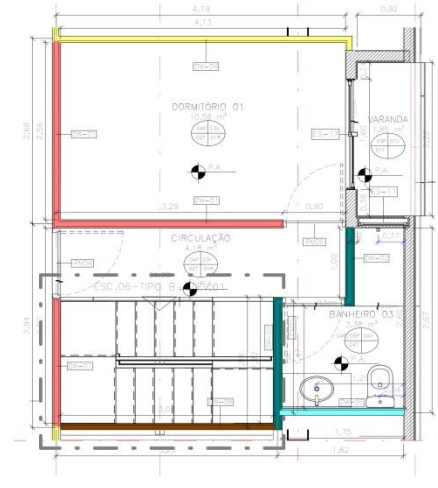
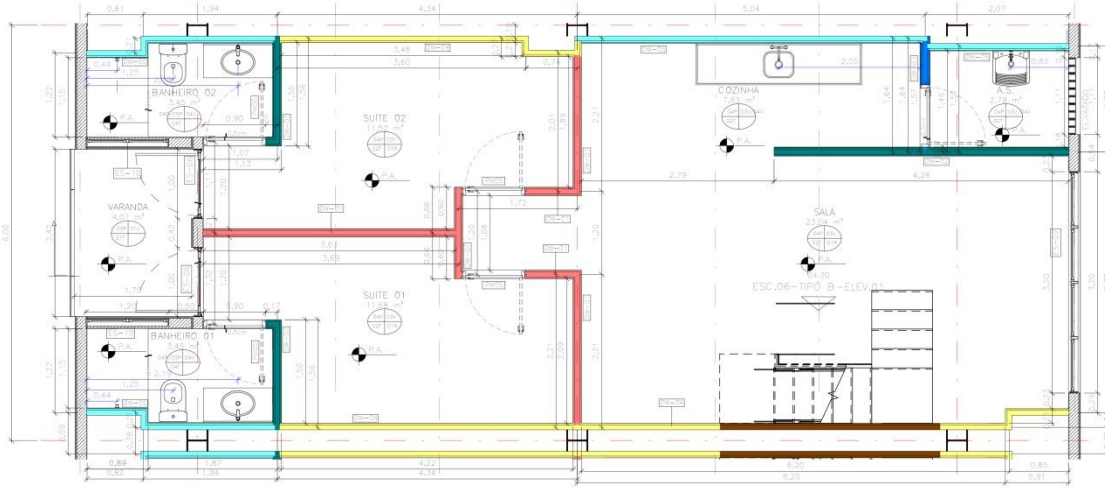
Segundo
pavimento



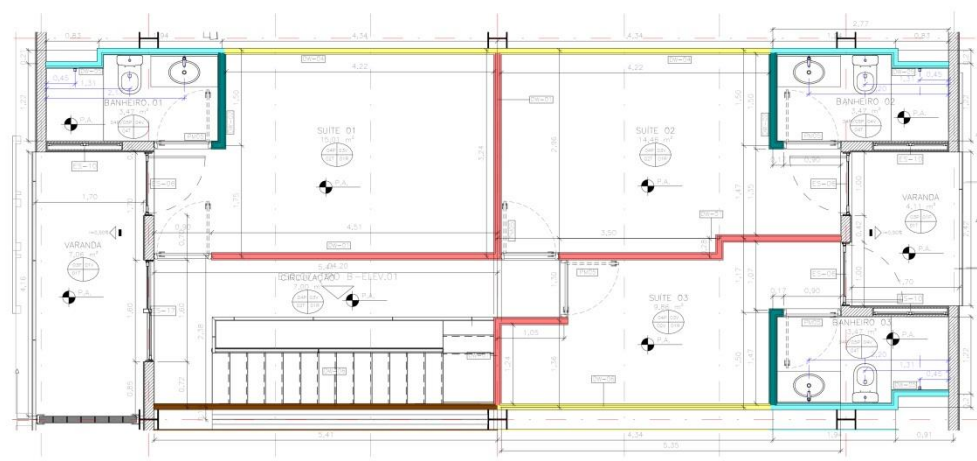
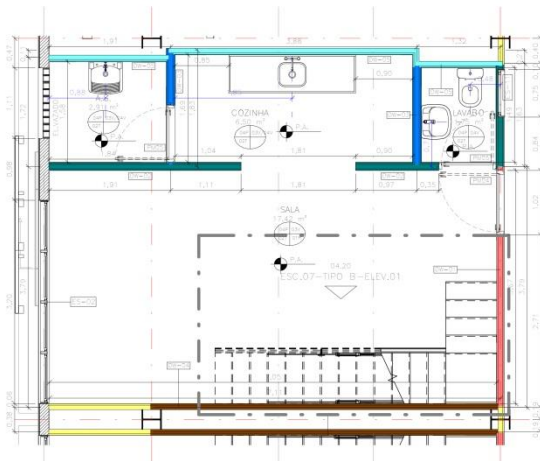
Terceiro
pavimento

ESTUDO DE CASO

TIPOLOGIAS BLOCOS C/D/E



Tipologia duplex de 119,54 m²



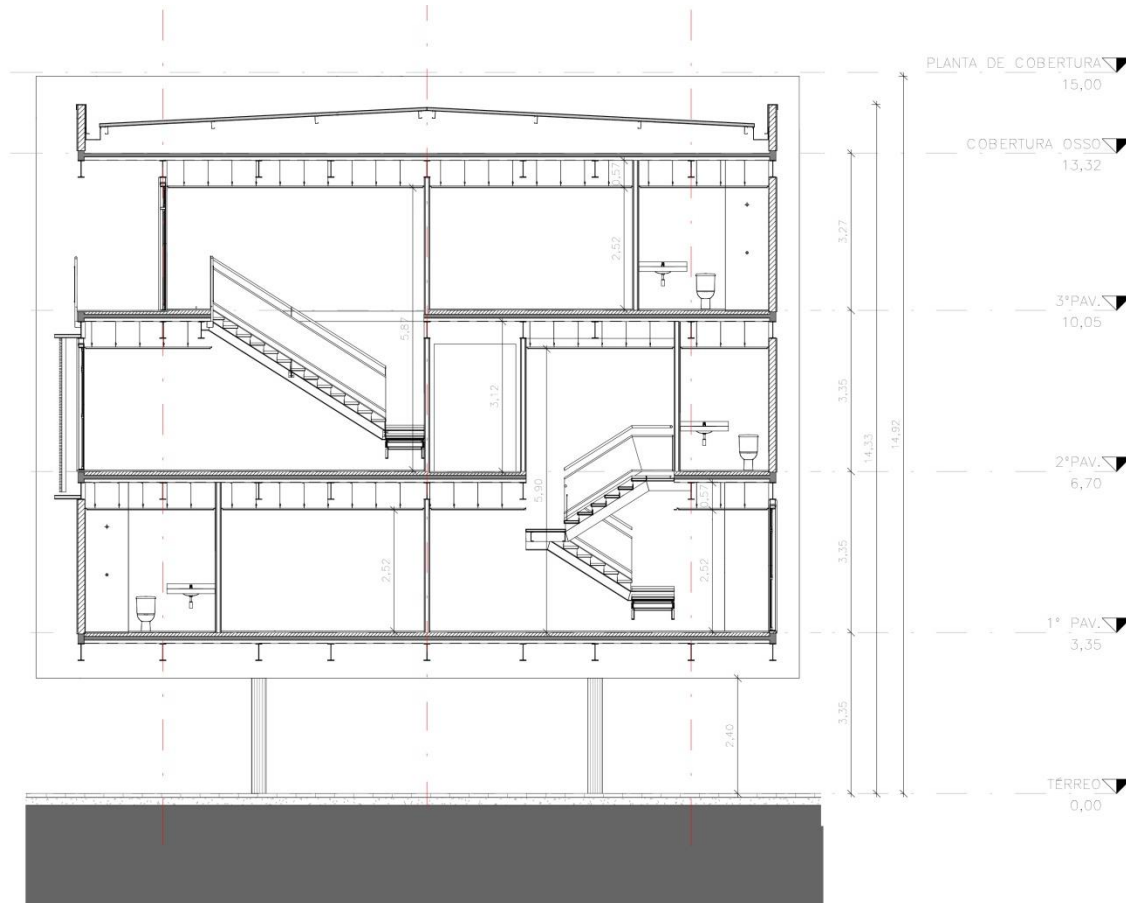
Tipologia duplex de 131,54 m²

ESTUDO DE CASO

BLOCOS C/D/E CORTES



Estudos estruturais das
escadas dos apartamentos
duplex



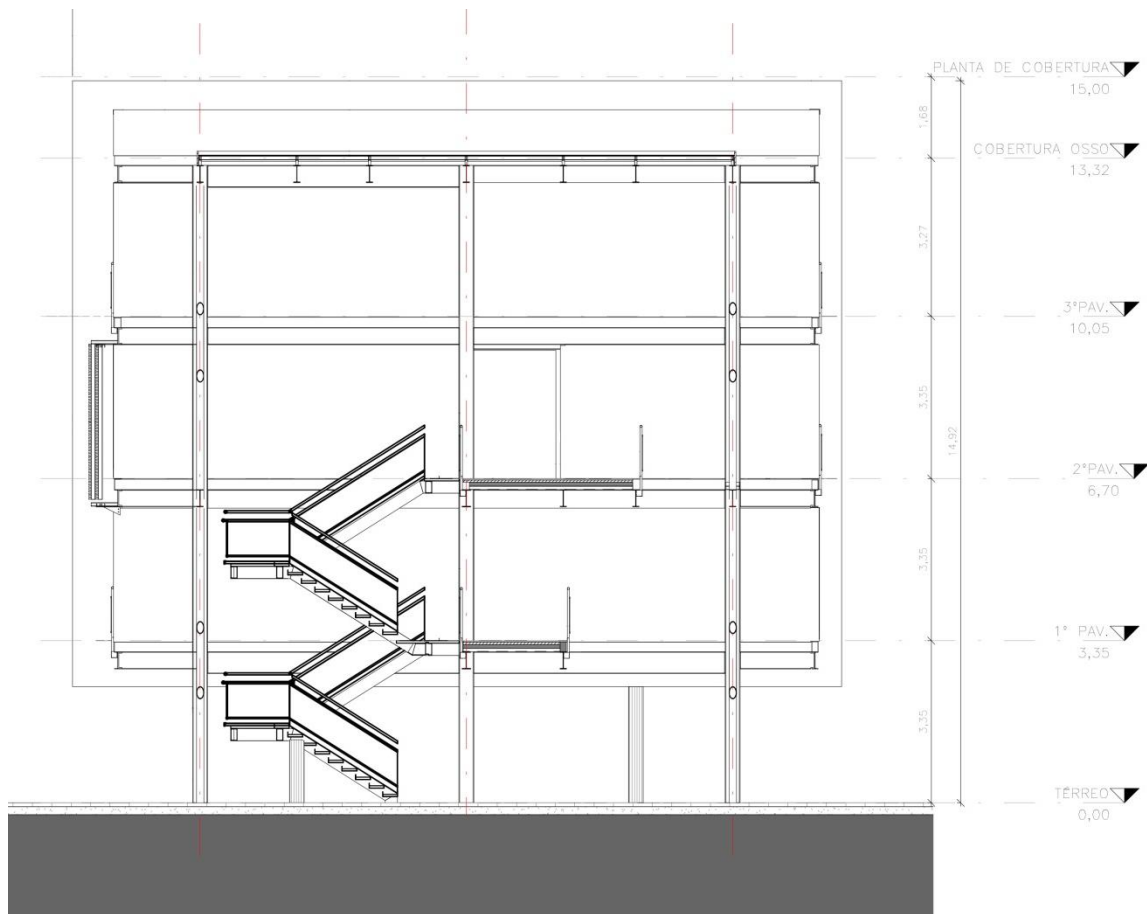
Escada da unidade UH11



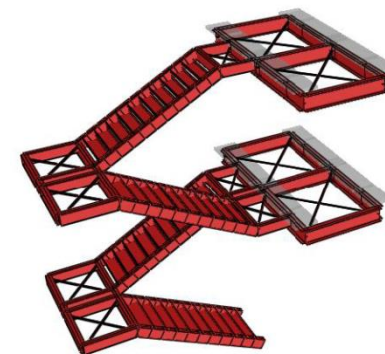
Escada da unidade UH10

ESTUDO DE CASO

BLOCOS C/D/E CORTES

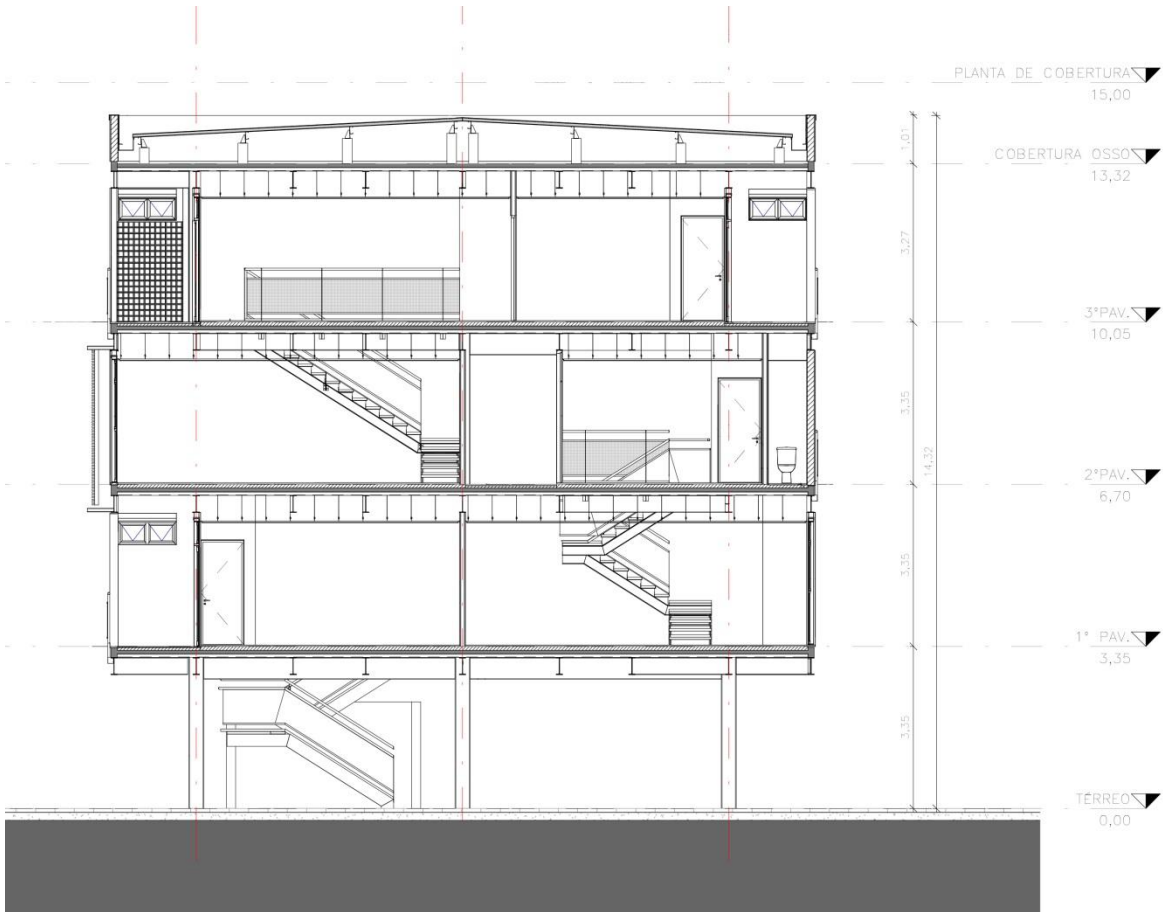


Estudo estrutural da escada externa do conjunto



ESTUDO DE CASO

BLOCOS C/D/E CORTES



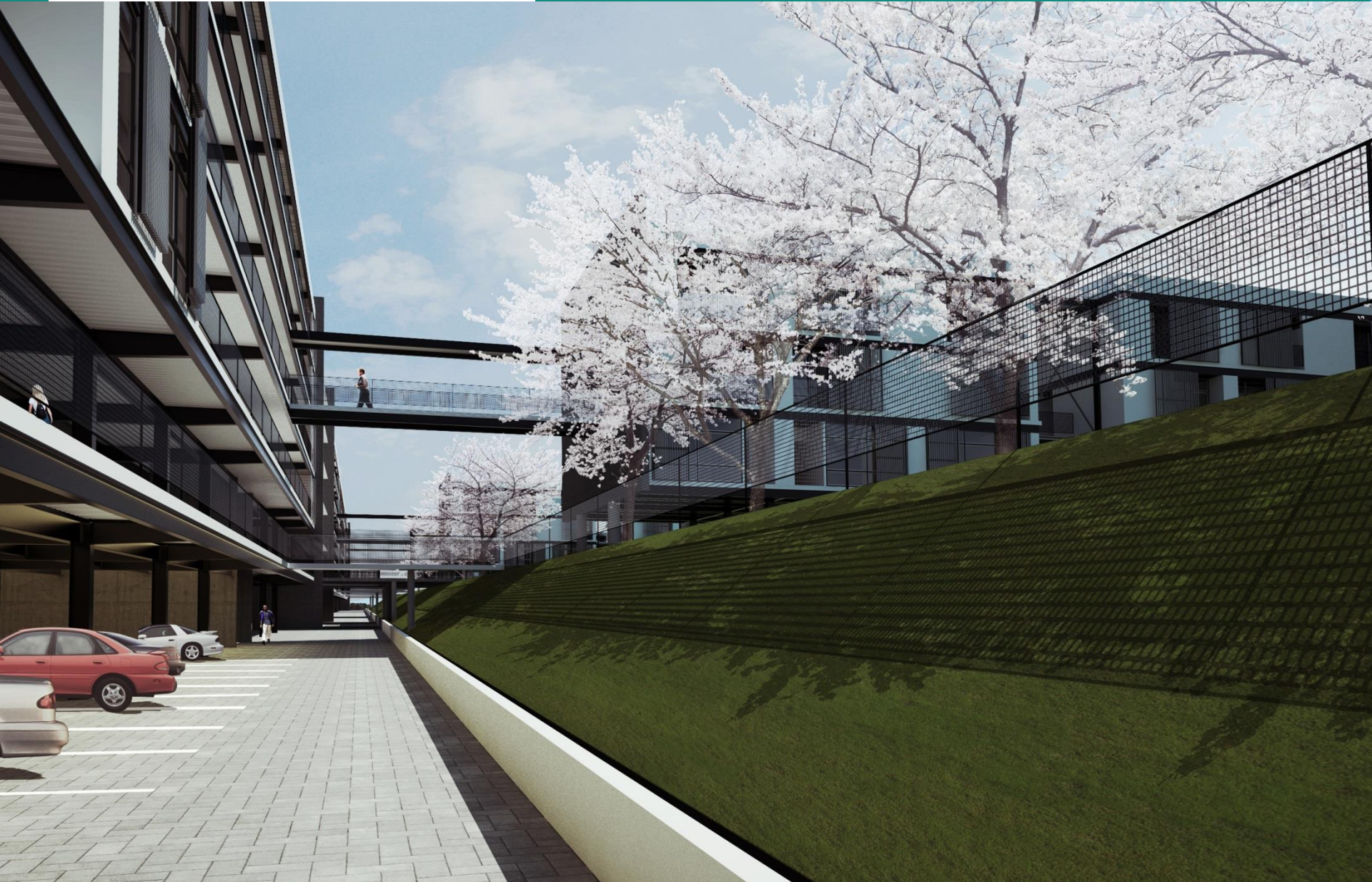
ESTUDO DE CASO

PERSPECTIVAS



ESTUDO DE CASO

PERSPECTIVAS



ESTUDO DE CASO

RESUMO



IDENTIFICAÇÃO

UNIDADE HABITACIONAL UH1
 UNIDADE HABITACIONAL UH2
 UNIDADE HABITACIONAL UH3
 UNIDADE HABITACIONAL UH4
 UNIDADE HABITACIONAL UH5
 UNIDADE HABITACIONAL UH6
 UNIDADE HABITACIONAL UH7
 UNIDADE HABITACIONAL UH8
 UNIDADE HABITACIONAL UH9
 UNIDADE HABITACIONAL UH10
 UNIDADE HABITACIONAL UH11

m ² (CADA UN)	QUANTIDADE DE UNIDADES	m ² (TOTAL)
54,48	40	2.179,20
69,43	76	5.276,68
75,78	04	303,12
100,96	88	8.884,48
114,10	24	2.738,40
96,56	04	386,24
109,15	04	436,60
109,32	24	2.623,68
109,32	12	1.311,84
119,54	42	5.020,68
131,54	42	5.524,68

TOTAL GERAL – ÁREA ÚTIL

360 unidades

34.685,60m²

Área de implantação

12.020,16 m²

Área de construção, incluindo área de cobertura

66.013,14 m²

Estrutura metálica dos edifícios

2.466.473 kg

Estrutura metálica das escadas

192.131 kg

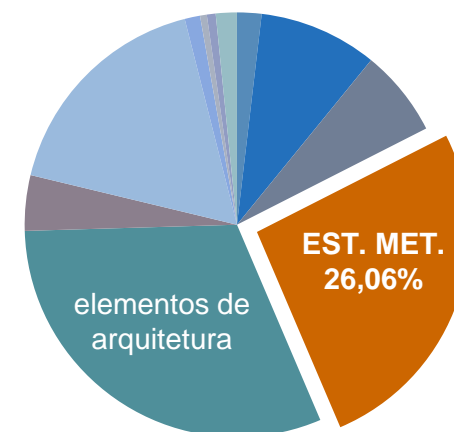
Estrutura metálica da cobertura em vidro

4.716 kg

Chapa metálica trapezoidal para laje steel deck

54.666 m²

Peso da estrutura metálica no orçamento global



OBRIGADO

