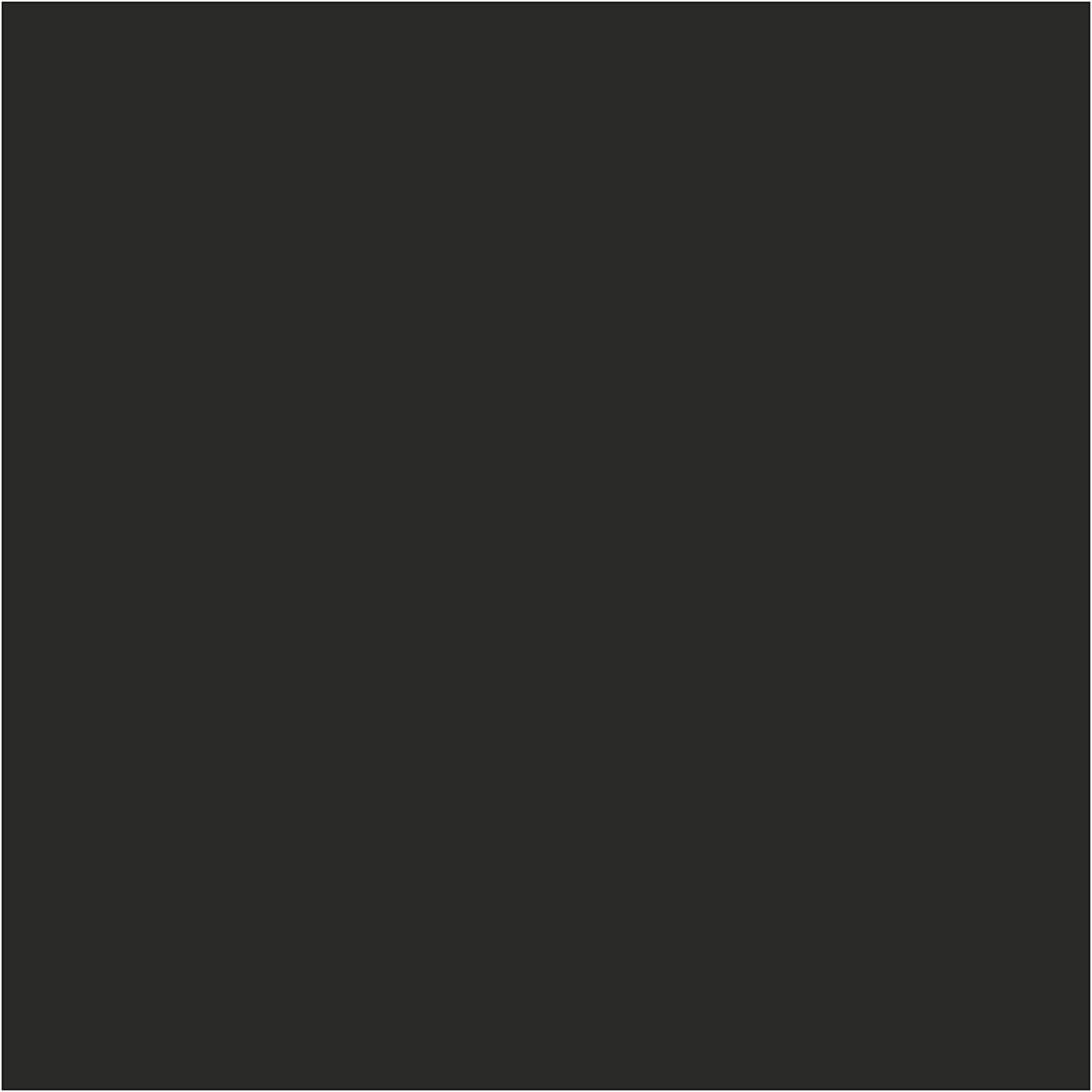


???? ???? ?"?"??????

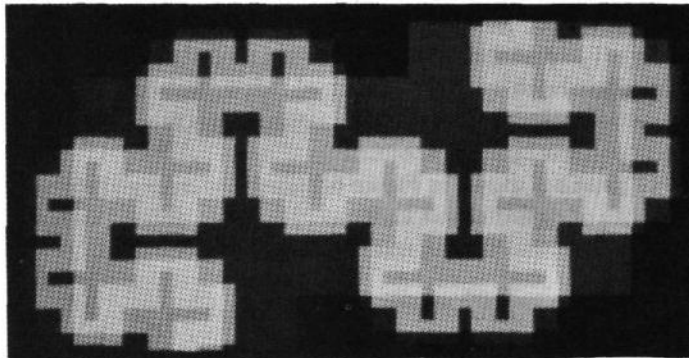
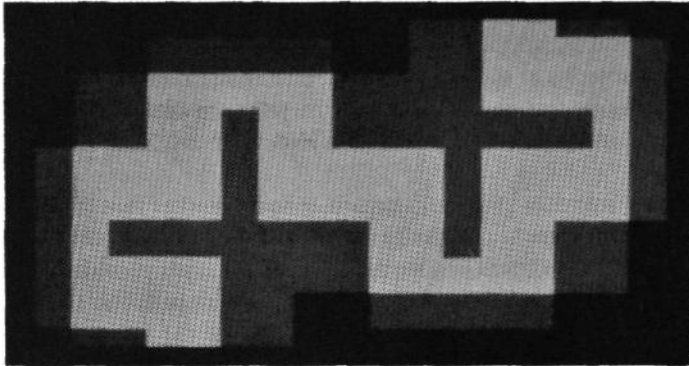
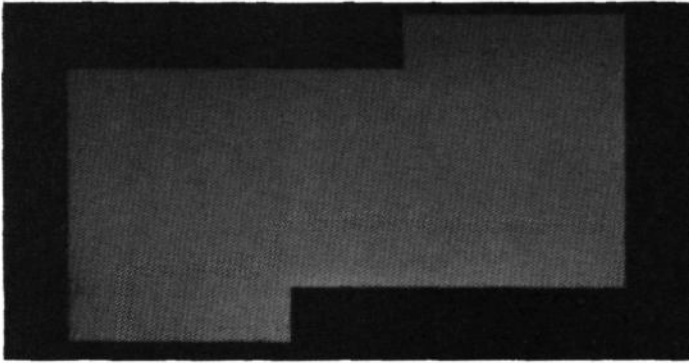
?
? ?

????????????????????
????????????????????
????????????????????

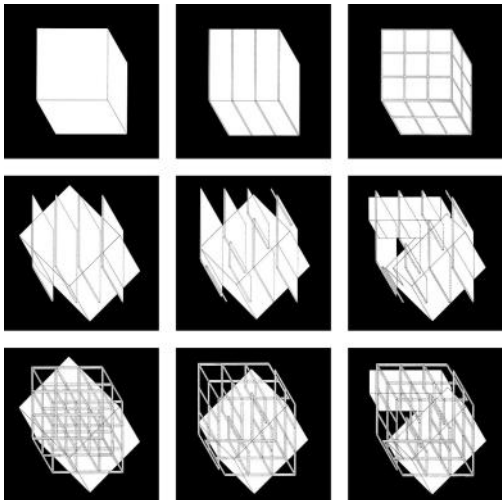


” I think the most important thing I learned in architecture school was how to work with people. It's not just about drawing and design, it's about communication and collaboration. You have to be able to listen to others and work together to solve problems. That's what makes a great team.

📖 *101 Things I Learned in Architecture School*



Form I, II, III



A Pattern Language

1. The pattern language is a set of rules that govern the design of a building. It is a collection of guidelines that help architects create buildings that are both functional and aesthetically pleasing.

2. The pattern language is a set of rules that govern the design of a building. It is a collection of guidelines that help architects create buildings that are both functional and aesthetically pleasing.

3. The pattern language is a set of rules that govern the design of a building. It is a collection of guidelines that help architects create buildings that are both functional and aesthetically pleasing.

5. The pattern language is a set of rules that govern the design of a building. It is a collection of guidelines that help architects create buildings that are both functional and aesthetically pleasing.

6. The pattern language is a set of rules that govern the design of a building. It is a collection of guidelines that help architects create buildings that are both functional and aesthetically pleasing.

7. The pattern language is a set of rules that govern the design of a building. It is a collection of guidelines that help architects create buildings that are both functional and aesthetically pleasing.

8. The pattern language is a set of rules that govern the design of a building. It is a collection of guidelines that help architects create buildings that are both functional and aesthetically pleasing.

Design Patterns

1. Design patterns are a set of solutions to common problems in software development. They are a collection of reusable code snippets that can be used to solve a wide variety of problems.

2. Design patterns are a set of solutions to common problems in software development. They are a collection of reusable code snippets that can be used to solve a wide variety of problems.

Syntactic Structures

1. Syntactic structures are a set of rules that govern the syntax of a language. They are a collection of guidelines that help programmers create code that is both functional and aesthetically pleasing.

2. Syntactic structures are a set of rules that govern the syntax of a language. They are a collection of guidelines that help programmers create code that is both functional and aesthetically pleasing.

3. Syntactic structures are a set of rules that govern the syntax of a language. They are a collection of guidelines that help programmers create code that is both functional and aesthetically pleasing.

4. Syntactic structures are a set of rules that govern the syntax of a language. They are a collection of guidelines that help programmers create code that is both functional and aesthetically pleasing.

5. Syntactic structures are a set of rules that govern the syntax of a language. They are a collection of guidelines that help programmers create code that is both functional and aesthetically pleasing.

6. Syntactic structures are a set of rules that govern the syntax of a language. They are a collection of guidelines that help programmers create code that is both functional and aesthetically pleasing.

7. Syntactic structures are a set of rules that govern the syntax of a language. They are a collection of guidelines that help programmers create code that is both functional and aesthetically pleasing.

8. Syntactic structures are a set of rules that govern the syntax of a language. They are a collection of guidelines that help programmers create code that is both functional and aesthetically pleasing.

¹² [Abstract pattern]

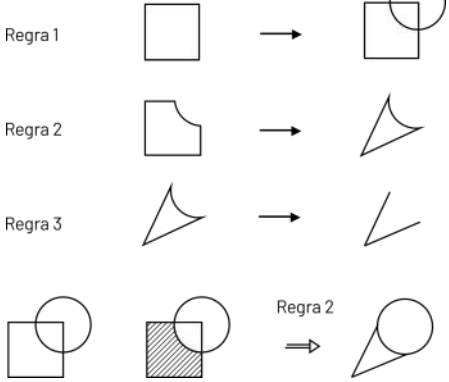
¹³ [Abstract pattern]

¹⁴ Shephard-Metzler analysis [Abstract pattern]

[Abstract pattern]

[Abstract pattern]

Algorithmic Aesthetics¹² [Abstract pattern]



[Abstract pattern]

¹³ [Abstract pattern]

[Abstract pattern]

Parametricism - A New Global Style for Architecture and Urban Design (2008)

Parametricism is a style of architecture and urban design that emerged in the early 20th century. It is characterized by its use of geometric forms, such as spheres, cylinders, and cones, and its emphasis on the relationships between these forms. The style was first developed by the architect Antoni Gaudí, who used these forms to create the Sagrada Família in Barcelona. Other architects who have used parametricism include Frank Lloyd Wright, Le Corbusier, and Mies van der Rohe.

Parametricism is a style of architecture and urban design that emerged in the early 20th century. It is characterized by its use of geometric forms, such as spheres, cylinders, and cones, and its emphasis on the relationships between these forms. The style was first developed by the architect Antoni Gaudí, who used these forms to create the Sagrada Família in Barcelona. Other architects who have used parametricism include Frank Lloyd Wright, Le Corbusier, and Mies van der Rohe.

Parametricism is a style of architecture and urban design that emerged in the early 20th century. It is characterized by its use of geometric forms, such as spheres, cylinders, and cones, and its emphasis on the relationships between these forms. The style was first developed by the architect Antoni Gaudí, who used these forms to create the Sagrada Família in Barcelona. Other architects who have used parametricism include Frank Lloyd Wright, Le Corbusier, and Mies van der Rohe.

Parametricism - A New Global Style for Architecture and Urban Design (2008)

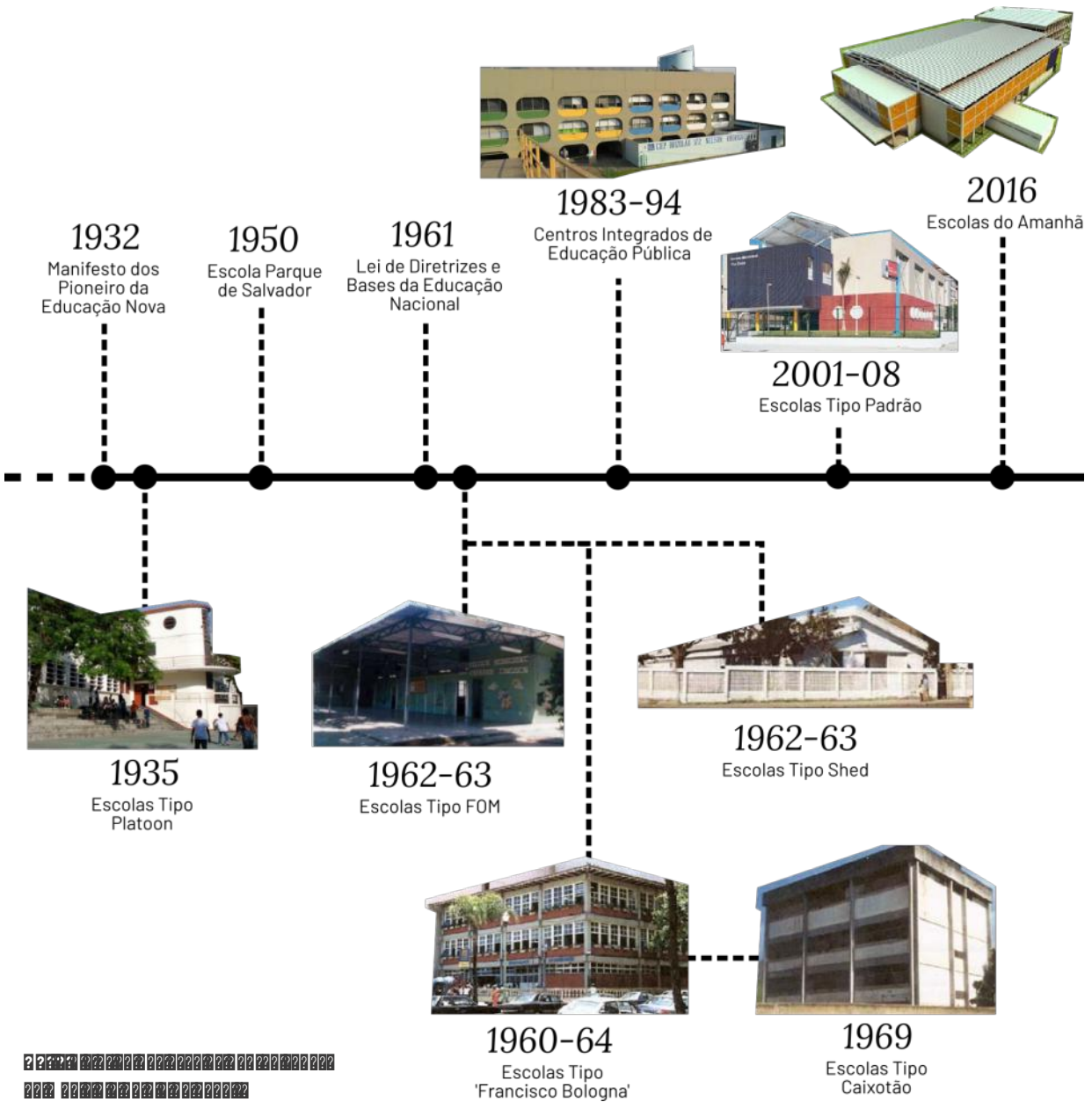


Parametricism is a style of architecture and urban design that emerged in the early 20th century. It is characterized by its use of geometric forms, such as spheres, cylinders, and cones, and its emphasis on the relationships between these forms. The style was first developed by the architect Antoni Gaudí, who used these forms to create the Sagrada Família in Barcelona. Other architects who have used parametricism include Frank Lloyd Wright, Le Corbusier, and Mies van der Rohe.



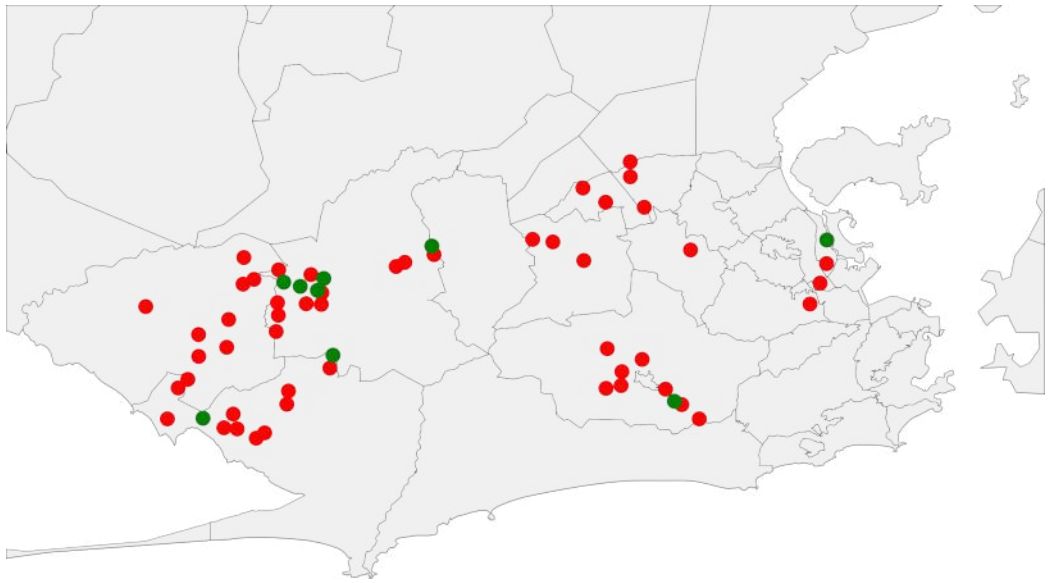
222

222



2022 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022-
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022-
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022-
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022-
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022-
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022

2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022-
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022-
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022



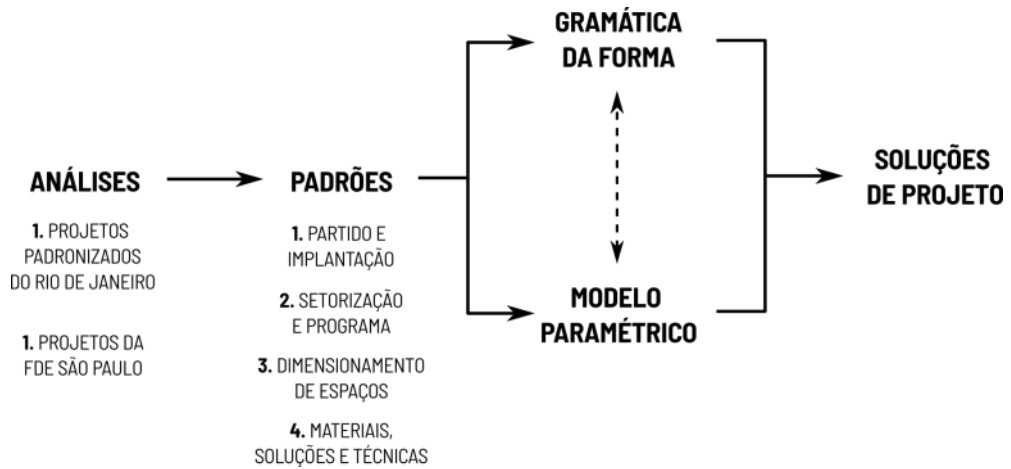
2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022-
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022
 2022 2022 2022 2022 2022 2022 2022 2022 2022 2022

O processo de projeto de arquitetura é um processo iterativo e dinâmico, que envolve a interação constante entre o arquiteto e o cliente, bem como a evolução das ideias e soluções ao longo do tempo. Este processo é influenciado por diversos fatores, como o contexto urbano, as necessidades do cliente e as possibilidades técnicas e materiais disponíveis.

A metodologia de projeto adotada neste trabalho busca integrar as análises iniciais com a criação de padrões e a elaboração de soluções de projeto, passando por etapas de padronização, setorização e dimensionamento, culminando na definição de materiais e técnicas de construção.

A metodologia de projeto adotada neste trabalho busca integrar as análises iniciais com a criação de padrões e a elaboração de soluções de projeto, passando por etapas de padronização, setorização e dimensionamento, culminando na definição de materiais e técnicas de construção.

A metodologia de projeto adotada neste trabalho busca integrar as análises iniciais com a criação de padrões e a elaboração de soluções de projeto, passando por etapas de padronização, setorização e dimensionamento, culminando na definição de materiais e técnicas de construção.



O presente relatório tem como objetivo apresentar o desempenho das escolas da rede municipal de ensino de São Paulo, em 2013, em relação aos indicadores de qualidade de ensino, avaliados pelo Sistema de Avaliação da Educação Municipal (SAEM).

O SAEM é um sistema de avaliação que visa medir a qualidade do ensino oferecido nas escolas, considerando aspectos como o conhecimento, as habilidades e as atitudes dos alunos. Os resultados são apresentados em forma de índices, que permitem comparar o desempenho das escolas entre si e com o desempenho médio da rede.

Este relatório apresenta os resultados do SAEM para o ano de 2013, considerando o desempenho das escolas em relação aos indicadores de qualidade de ensino. Os resultados são apresentados em forma de índices, que permitem comparar o desempenho das escolas entre si e com o desempenho médio da rede.

RESUMO EXECUTIVO

	Índice de Qualidade de Ensino	Índice de Qualidade de Gestão	Índice de Qualidade de Infraestrutura	Índice de Qualidade de Gestão de Pessoas	Índice de Qualidade de Gestão de Recursos
CIEPs	70	75	70	75	70
Escolas Mod. Padrão	75	80	75	80	75
Escolas do Amanhã	80	85	80	85	80

DESEMPENHO DAS ESCOLAS

	Índice de Qualidade de Ensino	Índice de Qualidade de Gestão	Índice de Qualidade de Infraestrutura	Índice de Qualidade de Gestão de Pessoas	Índice de Qualidade de Gestão de Recursos
E.E Ilha da Juventude	70	75	70	75	70
E.E Telemaco Melges	75	80	75	80	75
Várzea Paulista	80	85	80	85	80
Nova Cumbica	85	90	85	90	85

22222222 22222222 22222222 22222222 22222222
22222222 22222222 22222222 22222222 22222222
22222222 22222222

2222222 2222222222222222 22222222 22222222-
222
222
222

222
222 -
222
222
222-
222-
222-
222
222-
222



22222222 22222222 22222222
222
222
222
222
22222222

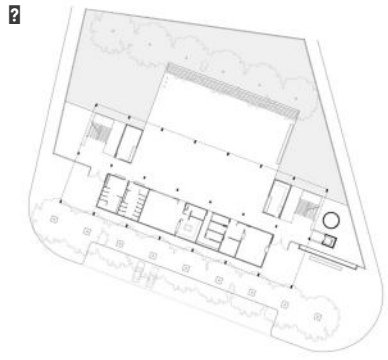
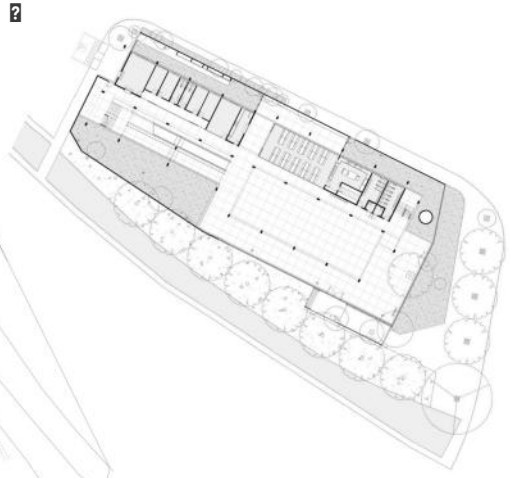
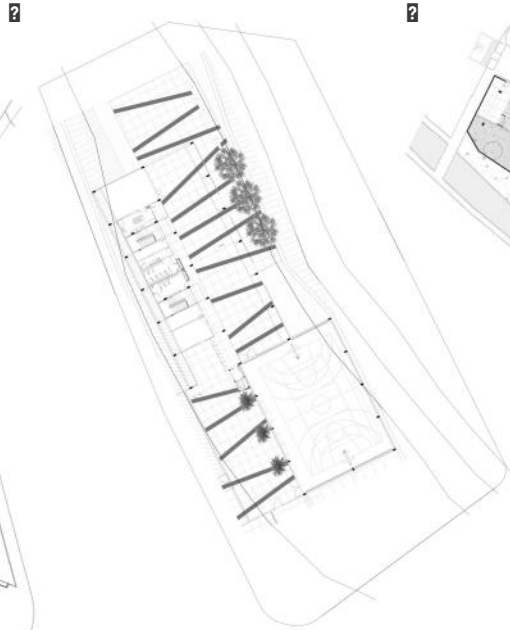
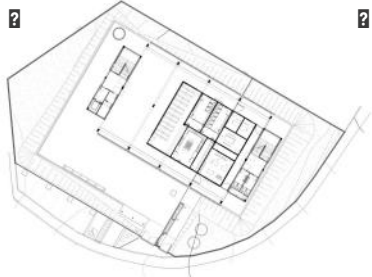


2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2



2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

2022年10月20日，在清华大学美术学院举办的“2022年清华大学美术学院秋季学术研讨会”上，清华大学美术学院院长吕敬人教授作了题为《从“设计”到“设计学”》的报告。吕敬人教授指出，设计学作为一门独立的学科，其内涵和外延都在不断地拓展和深化。他强调，设计学不仅关注设计本身，更关注设计与社会、文化、经济等方面的互动关系。他呼吁设计学界要勇于探索，不断创新，为推动设计学的发展做出更大的贡献。

2022年10月20日，在清华大学美术学院举办的“2022年清华大学美术学院秋季学术研讨会”上，清华大学美术学院院长吕敬人教授作了题为《从“设计”到“设计学”》的报告。吕敬人教授指出，设计学作为一门独立的学科，其内涵和外延都在不断地拓展和深化。他强调，设计学不仅关注设计本身，更关注设计与社会、文化、经济等方面的互动关系。他呼吁设计学界要勇于探索，不断创新，为推动设计学的发展做出更大的贡献。

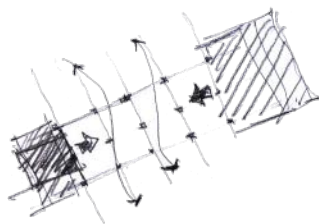


2022年10月20日，在清华大学美术学院举办的“2022年清华大学美术学院秋季学术研讨会”上，清华大学美术学院院长吕敬人教授作了题为《从“设计”到“设计学”》的报告。吕敬人教授指出，设计学作为一门独立的学科，其内涵和外延都在不断地拓展和深化。他强调，设计学不仅关注设计本身，更关注设计与社会、文化、经济等方面的互动关系。他呼吁设计学界要勇于探索，不断创新，为推动设计学的发展做出更大的贡献。

2022年10月20日，在清华大学美术学院举办的“2022年清华大学美术学院秋季学术研讨会”上，清华大学美术学院院长吕敬人教授作了题为《从“设计”到“设计学”》的报告。吕敬人教授指出，设计学作为一门独立的学科，其内涵和外延都在不断地拓展和深化。他强调，设计学不仅关注设计本身，更关注设计与社会、文化、经济等方面的互动关系。他呼吁设计学界要勇于探索，不断创新，为推动设计学的发展做出更大的贡献。

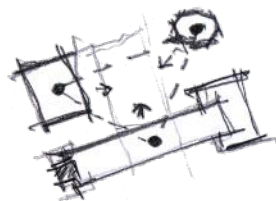


CIEPs



Dinâmica muito fluida

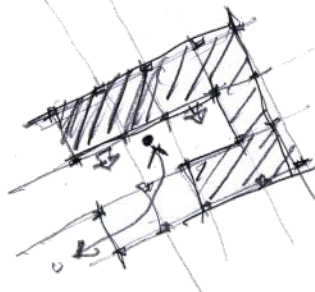
O pilotis que abre o térreo quase que totalmente gera uma dinâmica muito fluida no térreo que acaba deixando o espaço muito indefinido.



Relação entre blocos

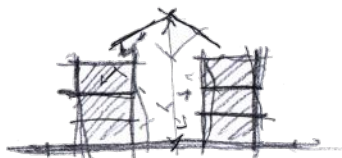
A dinâmica existente entre os blocos do CIEP a depender da maneira como dispostos acaba por definir um espaço, o fato de serem blocos separados no entanto reforça a ideia de fluidez.

Projetos RioUrbe



Dinâmica contida

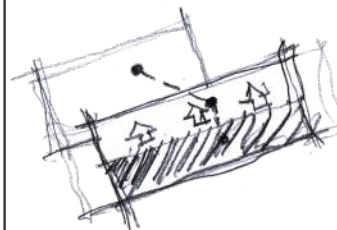
Quase que de modo inverso aos CIEPs, estes projetos se fecham em si quase a que totalmente em uma planta em ferradura gerando uma sensação de enclausuramento.



Espaço contido

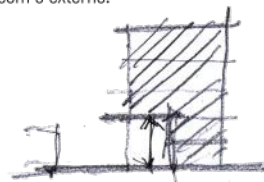
O alto pé direito interno aliado ao telhado translúcido funciona bem para iluminação porém o fato de este ser cercado gera problema com grande reflexão sonora, comprometendo o conforto de um espaço já contido.

Projetos FDE



Dinâmica equilibrada

Ao ocupar cerca de metade do térreo e manter sempre uma relação aberta com do pátio coberto com pátio externo em uma direção gera um espaço bem definido e estabelece uma relação clara com o externo.



Pé direito duplo

O pé direito duplo com mezanino, no caso das escolas do FDE, reforça a relação do pátio coberto com a área externa e aumenta o conforto e a flexibilidade do uso desse espaço.

CENTRO INTEGRADO DE EDUCAÇÃO PÚBLICA

Local:

Rio de Janeiro

Período de Implantação:

1983-1987 e 1991-1994

Projeto do edifício:

Oscar Niemeyer

Instalações:

18 Salas de Aula

Centro médico

Residência de alunos

Biblioteca



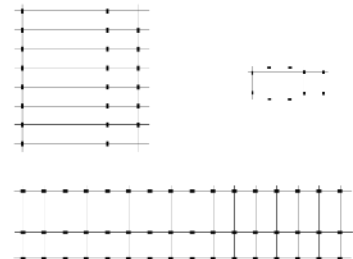
Setorização:

- Pedagógico (33,72%)
- Téc. Administrativo (3,03%)
- Esporte/Lazer (39,83%)
- Serviços (11,71%)
- Circulação (12%)

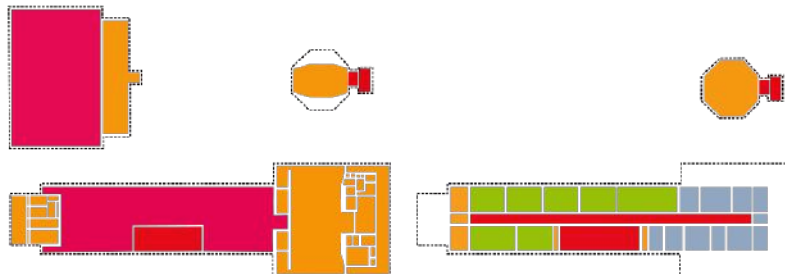
Projeção



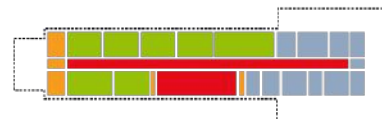
Malha Estrutural



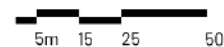
Setorização Pav. Térreo



Setorização Primeiro Pav.



Setorização Segundo Pav.



ESCOLAS MODULARES PADRÃO

Local:

Rio de Janeiro

Período de Implantação:

2001-2008

Projeto do edifício:

Teresa Rosolem/RioUrbe

Instalações:

9 Salas de Aula

2 Salas Especiais

3 Laboratórios

1 Auditório



Setorização:

- Pedagógico (33,72%)
- Téc. Administrativo (3,03%)
- Esporte/Lazer (39,83%)
- Serviços (11,71%)
- Circulação (12%)

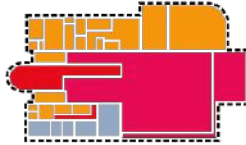
Projeção



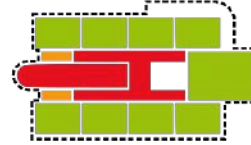
Malha Estrutural



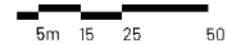
Setorização Pav. Térreo



Setorização Primeiro Pav.



Setorização Segundo Pav.



ESCOLAS DO AMANHÃ

Local:

Rio de Janeiro

Período de Implantação:

2009-2016

Projeto do edifício:

Teresa Rosolem/RioUrbe

Instalações:

24 Módulos de sala

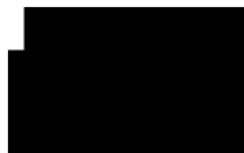
5 Salas Especiais



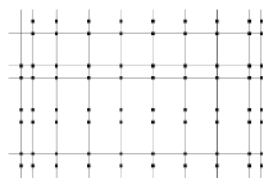
Setorização:

- Pedagógico (33,72%)
- Téc. Administrativo (3,03%)
- Esporte/Lazer (39,83%)
- Serviços (11,71%)
- Circulação (12%)

Projeção



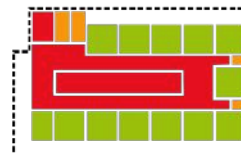
Malha Estrutural



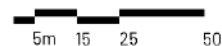
Setorização Pav. Térreo



Setorização Primeiro Pav.



Setorização Segundo Pav.



E.E. ILHA DA JUVENTUDE

Local:

Vila Brasilândia, São Paulo / SP

Ano da obra:

2011

Projeto do edifício:

METRÓPOLE Arquitetos

Instalações:

12 Salas de Aula

1 Sala de Uso Múltiplo

1 Sala de Informática

1 Centro de Leitura

1 Quadra Poliesportiva Coberta



Ocupação:

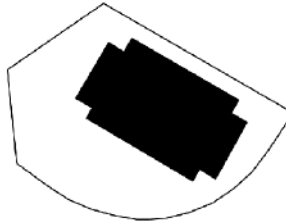
Área Livre 1478,11m² (66,46%)
Área Projeção 745,89m² (33,54%)



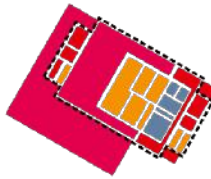
Setorização:

● Pedagógico (33,72%)
● Téc. Administrativo (3,03%)
● Esporte/Lazer (39,83%)
● Serviços (11,71%)
● Circulação (12%)

Projeção/ Implantação



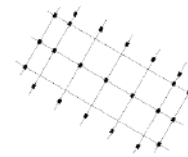
Setorização Pav. Térreo



Setorização Segundo Pav.



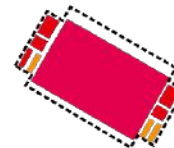
Malha Estrutural



Setorização Primeiro Pav.



Setorização Terceiro Pav.



E.E. TELÊMACO MELGES

Local:

Campinas / SP

Ano da obra:

2004

Projeto do edifício:

UNA Arquitetos

Instalações:

13 Salas de Aula

3 Salas de uso especial

1 Quadra poliesportiva



Ocupação:

Área Livre 2421,15m² (69,35%)

Área Projeção 1069,85m² (30,65%)



Setorização:

Pedagógico (27,41%)

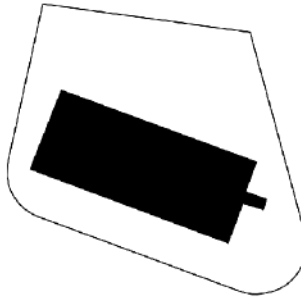
Téc. Administrativo (2,86%)

Esporte/Lazer (38,62%)

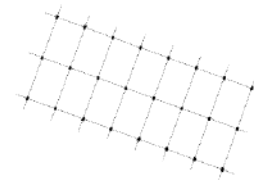
Serviços (9,80%)

Circulação (21%)

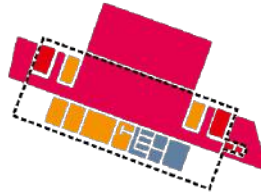
Projeção/ Implantação



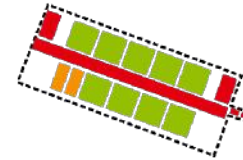
Malha Estrutural



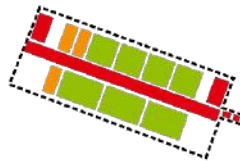
Setorização Pav. Térreo



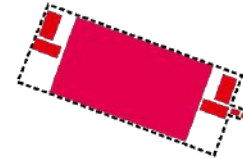
Setorização Primeiro Pav.



Setorização Segundo Pav.



Setorização Terceiro Pav.



5m 15 25 50

E.E. NOVA CUMBICA

Local:

Vila Nova Cumbica, Guarulhos / SP

Ano da obra:

2014

Projeto do edifício:

H+F Arquitetos

Instalações:

16 Salas de Aula

1 Sala de Uso Múltiplo

1 Laboratório

1 Centro de Leitura

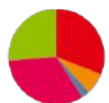
1 Quadra Coberta

1 Rampa



Ocupação:

Área Livre 2424,84m² (65,15%)
Área Projeção 1297,16m² (34,85%)



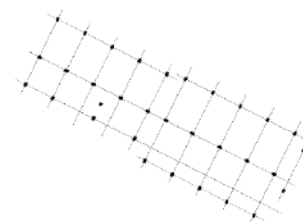
Setorização:

● Pedagógico (26,30%)
● Téc. Administrativo (2,82%)
● Esporte/Lazer (32,75%)
● Serviços (7,16%)
● Circulação (31%)

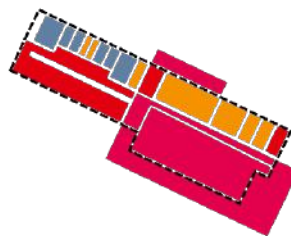
Projeção/ Implantação



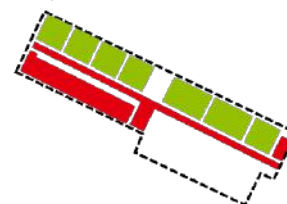
Malha Estrutural



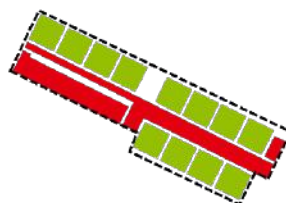
Setorização Pav. Térreo



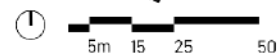
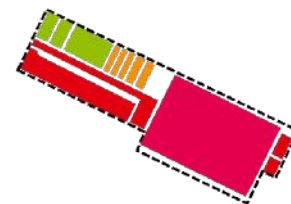
Setorização Primeiro Pav.

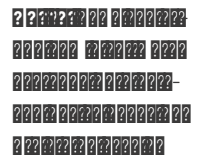
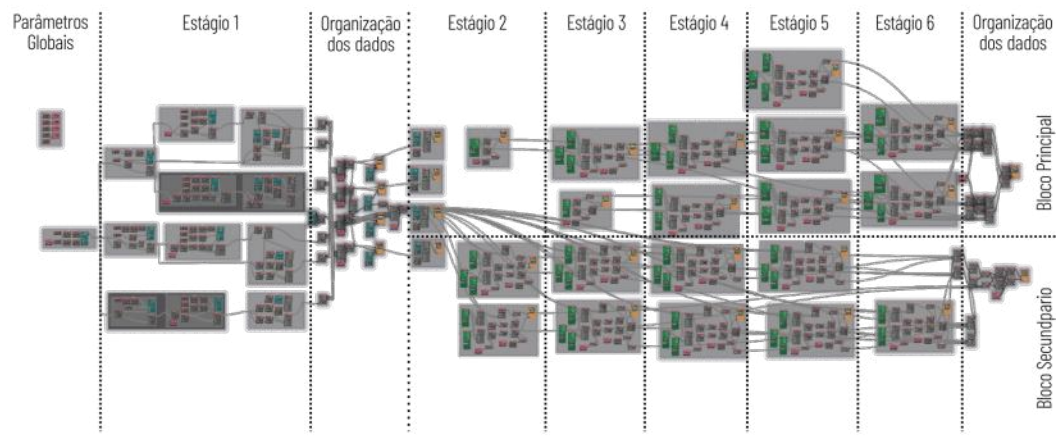
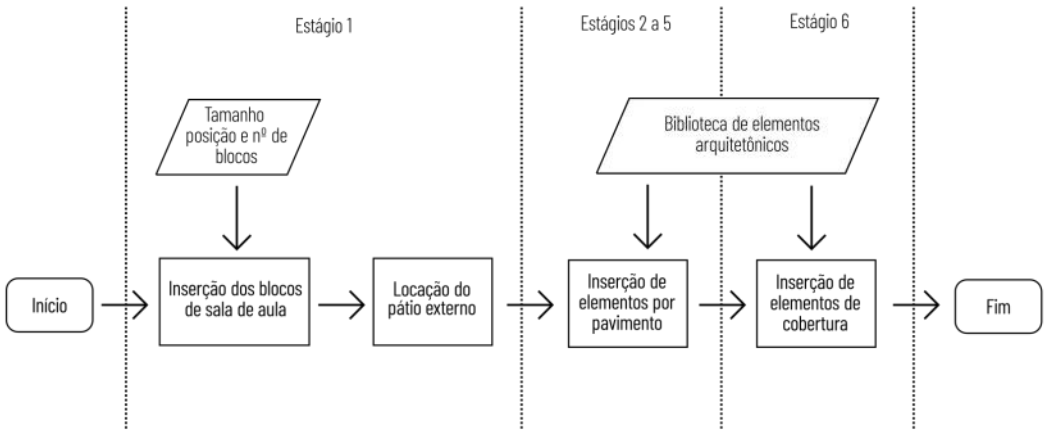


Setorização Segundo Pav.

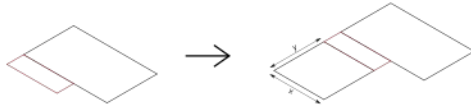


Setorização Terceiro Pav.

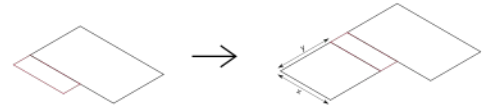




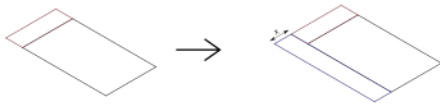
REGRA 7:
Inserção de Bloco
Secundário
 $x = 21,6m$
 $y = 0,90 * 8 * a$
 $4 \leq a \leq 6$



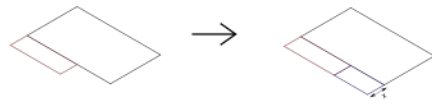
REGRA 8:
Inserção de Bloco
Secundário
 $x = 21,6m$
 $y = 0,90 * 8 * a$
 $4 \leq a \leq 6$



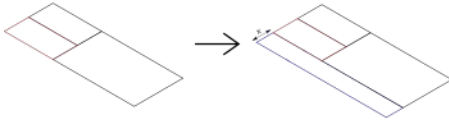
REGRA 9:
Inserção de Pátio
Externo
 $x = 7,2m$



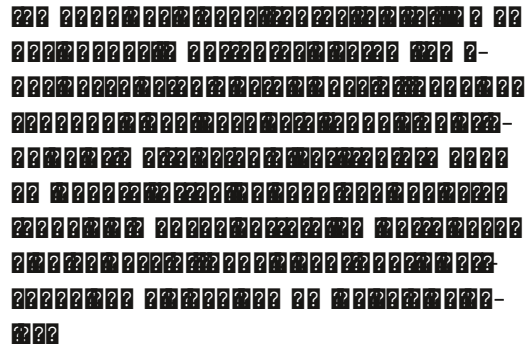
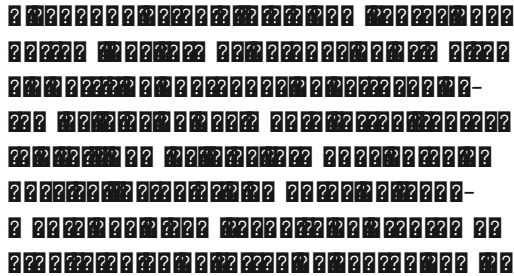
REGRA 10:
Inserção de Pátio
Externo
 $x = 7,2m$



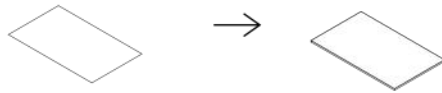
REGRA 11:
Inserção de Pátio
Externo
 $x = 7,20$



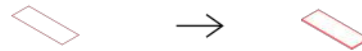
REGRA 12: Extrusão laje térreo blocos



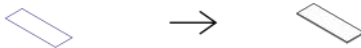
REGRA 12:
Extrusão laje
térreo blocos



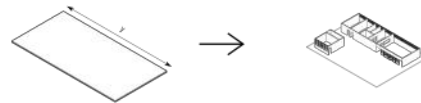
REGRA 13:
Extrusão laje
térreo circulação
vertical



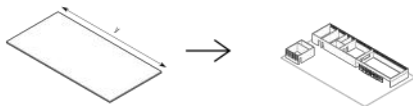
REGRA 14:
Extrusão laje
térreo pátio
externo



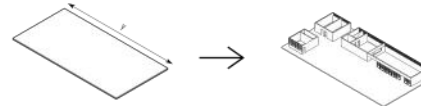
REGRA 15a:
Instanciamento de
elementos de
fechamento
interno
y = 28,80m



REGRA 15b:
Instanciamento de
elementos de
fechamento
interno
y = 36m

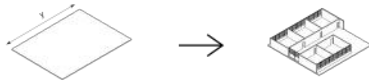


REGRA 15c:
Instanciamento de
elementos de
fechamento
interno
y = 43,20m

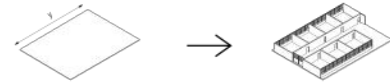


REGRA 15b: Instanciamento de elementos de fechamento interno y = 36m

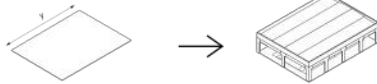
REGRA 16a:
Instanciamento de
elementos de
fechamento
interno
y = 21,60m



REGRA 16b:
Instanciamento de
elementos de
fechamento
interno
y = 28,80m



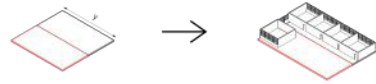
REGRA 16c:
Instanciamento de
elementos de
quadra térrea
y = 28,80m



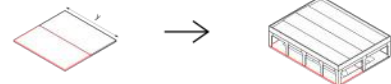
REGRA 17a:
Instanciamento de
elementos de
fechamento
interno
y = 21,60m



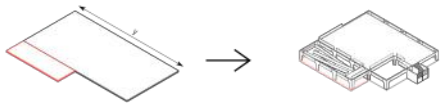
REGRA 17b:
Instanciamento de
elementos de
fechamento
interno
y = 28,80m



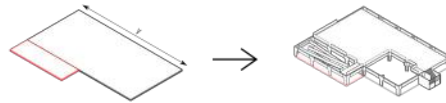
REGRA 17c:
Instanciamento de
elementos de
quadra térrea
y = 28,80m



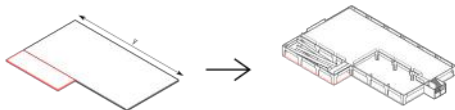
REGRA 18a:
 Instanciamento de elementos de estrutura.
 y = 28.80m



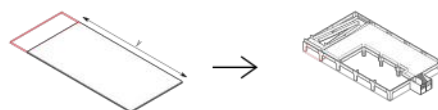
REGRA 18b:
 Instanciamento de elementos de estrutura.
 y = 36.00m



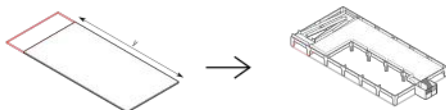
REGRA 18c:
 DESCRIÇÃO
 Instanciamento de elementos de estrutura.
 y = 36.00m



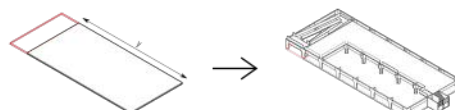
REGRA 19a:
 DESCRIÇÃO
 Instanciamento de elementos de estrutura.
 y = 36.00m



REGRA 19b:
 DESCRIÇÃO
 Instanciamento de elementos de estrutura.
 y = 36.00m



REGRA 19c:
 DESCRIÇÃO
 Instanciamento de elementos de estrutura.
 y = 36.00m



REGRA 18a:
 Instanciamento de elementos de estrutura.
 y = 28.80m

REGRA 18b:
 Instanciamento de elementos de estrutura.
 y = 36.00m

REGRA 18c:
 DESCRIÇÃO
 Instanciamento de elementos de estrutura.
 y = 36.00m

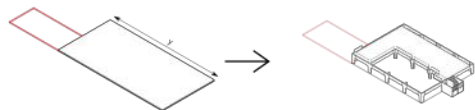
REGRA 19a:
 DESCRIÇÃO
 Instanciamento de elementos de estrutura.
 y = 36.00m

REGRA 19b:
 DESCRIÇÃO
 Instanciamento de elementos de estrutura.
 y = 36.00m

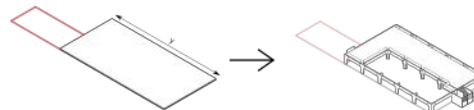
REGRA 19c:
 DESCRIÇÃO
 Instanciamento de elementos de estrutura.
 y = 36.00m

REGRA 20a:

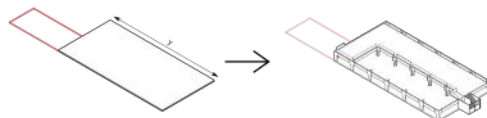
DESCRIÇÃO
Instanciamento de elementos de estrutura.
y = 36,00m

**REGRA 20b:**

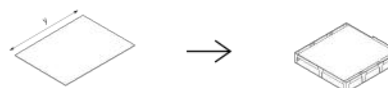
DESCRIÇÃO
Instanciamento de elementos de estrutura.
y = 36,00m

**REGRA 20c:**

DESCRIÇÃO
Instanciamento de elementos de estrutura.
y = 36,00m

**REGRA 21a:**

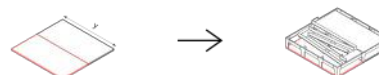
Instanciamento de elementos de estrutura.
y = 36,00m

**REGRA 21b:**

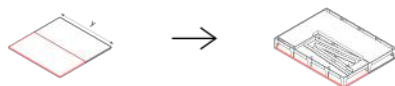
Instanciamento de elementos de estrutura.
y = 36,00m

**REGRA 22a:**

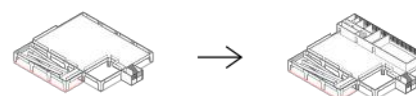
Instanciamento de elementos de estrutura.
y = 36,00m

**REGRA 22b:**

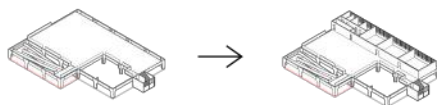
Instanciamento de elementos de estrutura.
y = 36,00m

**REGRA 23:**

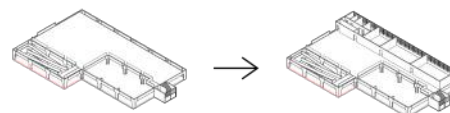
Instanciamento de elementos de fechamento.

**REGRA 24:**

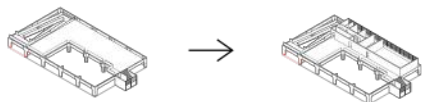
Instanciamento de elementos de fechamento.

**REGRA 25:**

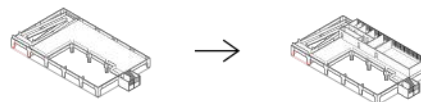
Instanciamento de elementos de fechamento.



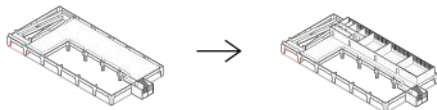
REGRA 26:
Instanciamento de
elementos de
fechamento.



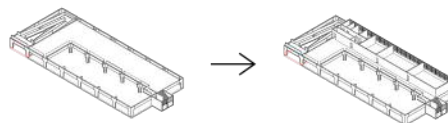
REGRA 27:
Instanciamento de
elementos de
fechamento.



REGRA 28:
Instanciamento de
elementos de
fechamento.



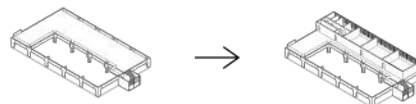
REGRA 29:
Instanciamento de
elementos de
fechamento.



REGRA 30:
Instanciamento de
elementos de
fechamento.



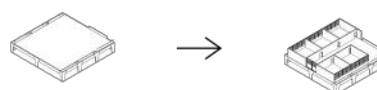
REGRA 31:
Instanciamento de
elementos de
fechamento.



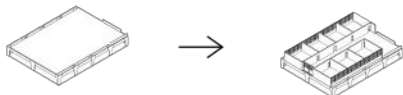
REGRA 32:
Instanciamento de
elementos de
fechamento.



REGRA 33:
Instanciamento de
elementos de
fechamento.



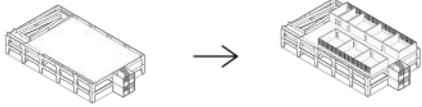
REGRA 34:
Instanciamento de
elementos de
fechamento.



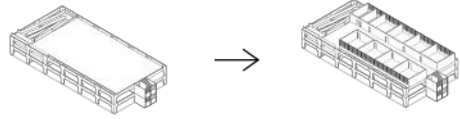
REGRA 35:
Instanciamento de
elementos de
fechamento.



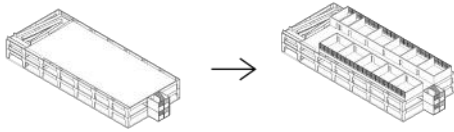
REGRA 53:
Instanciamento
de elementos de
fechamento.



REGRA 54:
Instanciamento
de elementos de
fechamento.



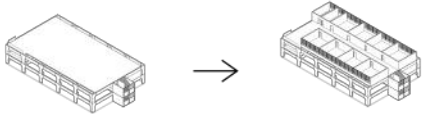
REGRA 55:
Instanciamento
de elementos de
fechamento.



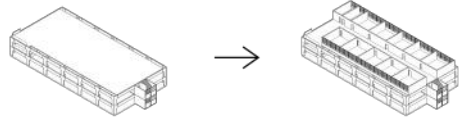
REGRA 56:
Instanciamento
de elementos de
fechamento.



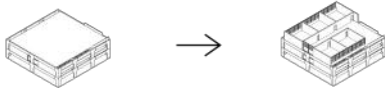
REGRA 57:
Instanciamento
de elementos de
fechamento.



REGRA 58:
Instanciamento
de elementos de
fechamento.



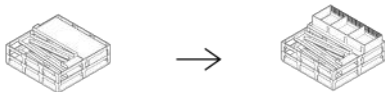
REGRA 59:
Instanciamento
de elementos de
fechamento.



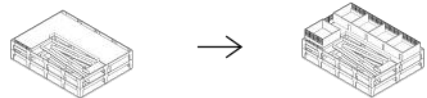
REGRA 60:
Instanciamento
de elementos de
fechamento.



REGRA 61:
Instanciamento
de elementos de
fechamento.



REGRA 62:
Instanciamento
de elementos de
fechamento.



REGRAS 63-68

REGRAS 63-68

REGRAS 63-68

REGRAS 63-68

REGRAS 63-68

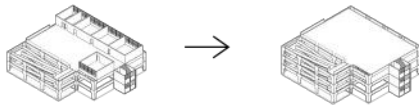
REGRAS 63-68

REGRAS 63-68

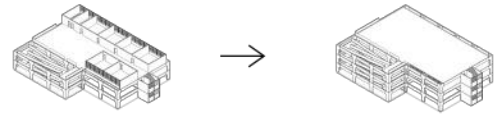
REGRAS 63-68

REGRAS 63-68

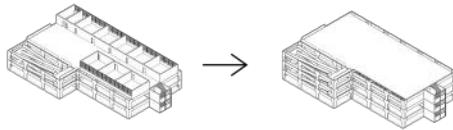
REGRA 63:
instanciamento
de elementos
estruturais



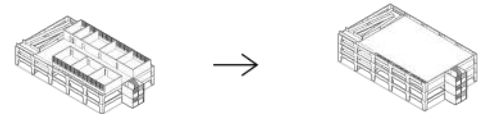
REGRA 64:
instanciamento
de elementos
estruturais



REGRA 65:
instanciamento
de elementos
estruturais



REGRA 66:
instanciamento
de elementos
estruturais



REGRA 67:
instanciamento
de elementos
estruturais

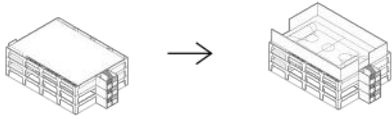


REGRA 68:
instanciamento
de elementos
estruturais

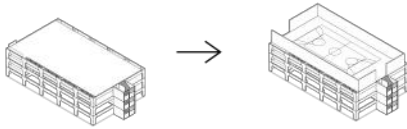


REGRAS 63-68

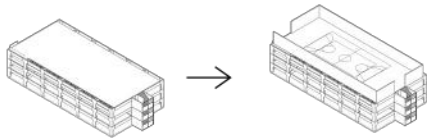
REGRA 89:
Instanciamento
de elementos de
fechamento



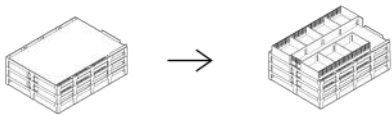
REGRA 91:
Instanciamento
de elementos de
fechamento



REGRA 93:
Instanciamento
de elementos de
fechamento



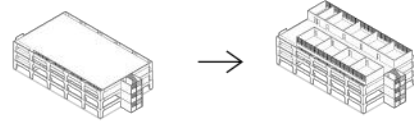
REGRA 95:
Instanciamento
de elementos de
fechamento



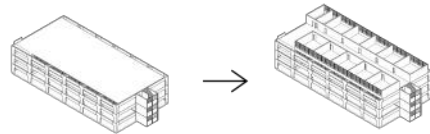
REGRA 97:
Instanciamento
de elementos de
fechamento



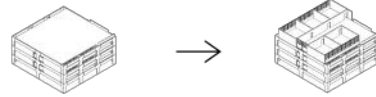
REGRA 90:
Instanciamento
de elementos de
fechamento



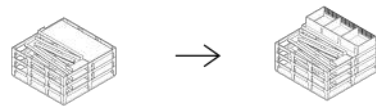
REGRA 92:
Instanciamento
de elementos de
fechamento



REGRA 94:
Instanciamento
de elementos de
fechamento



REGRA 96:
Instanciamento
de elementos de
fechamento

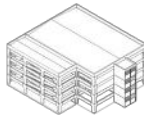
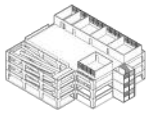


REGRAS DE INSTANCIAMENTO

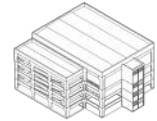
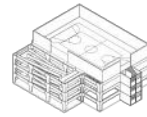
REGRAS DE INSTANCIAMENTO

REGRAS DE INSTANCIAMENTO

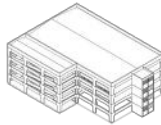
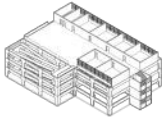
REGRA 98:
Instanciamento
de elementos
estruturais e
cobertura



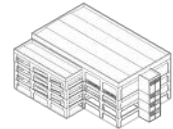
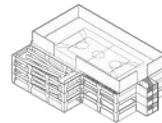
REGRA 99:
Instanciamento
de elementos
estruturais e
cobertura



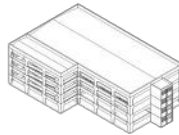
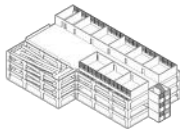
REGRA 100:
Instanciamento
de elementos
estruturais e
cobertura



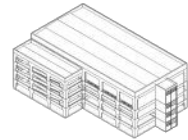
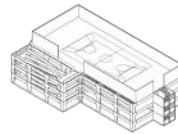
REGRA 101:
Instanciamento
de elementos
estruturais e
cobertura



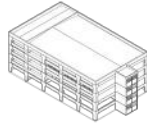
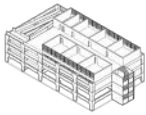
REGRA 102:
Instanciamento
de elementos
estruturais e
cobertura



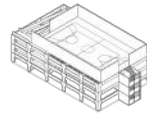
REGRA 103:
Instanciamento
de elementos
estruturais e
cobertura



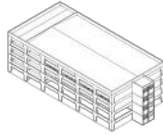
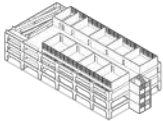
REGRA 104:
Instanciamento
de elementos
estruturais e
cobertura



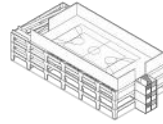
REGRA 105:
Instanciamento
de elementos
estruturais e
cobertura



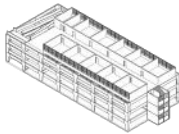
REGRA 106:
Instanciamento
de elementos
estruturais e
cobertura



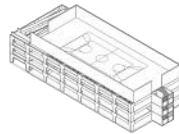
REGRA 107:
Instanciamento
de elementos
estruturais e
cobertura



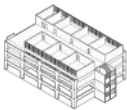
REGRA 108:
Instanciamento
de elementos
estruturais e
cobertura



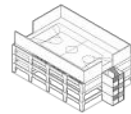
REGRA 109:
Instanciamento
de elementos
estruturais e
cobertura



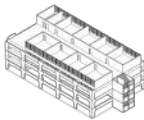
REGRA 110:
Instanciamento
de elementos
estruturais e
cobertura



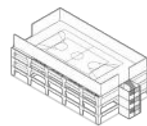
REGRA 111:
Instanciamento
de elementos
estruturais e
cobertura



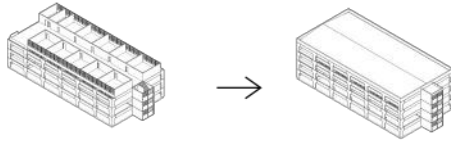
REGRA 112:
Instanciamento
de elementos
estruturais e
cobertura



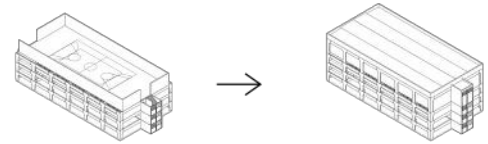
REGRA 113:
Instanciamento
de elementos
estruturais e
cobertura



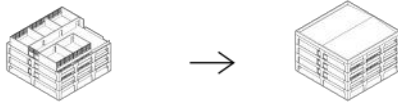
REGRA 114:
Instanciamento de elementos estruturais e cobertura



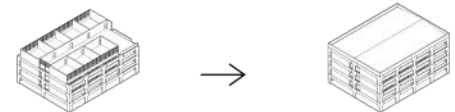
REGRA 115:
Instanciamento de elementos estruturais e cobertura



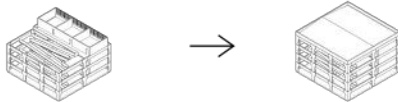
REGRA 116:
Instanciamento de elementos estruturais e cobertura



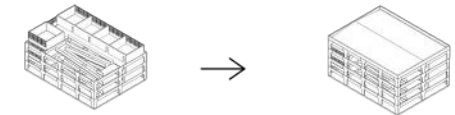
REGRA 117:
Instanciamento de elementos estruturais e cobertura



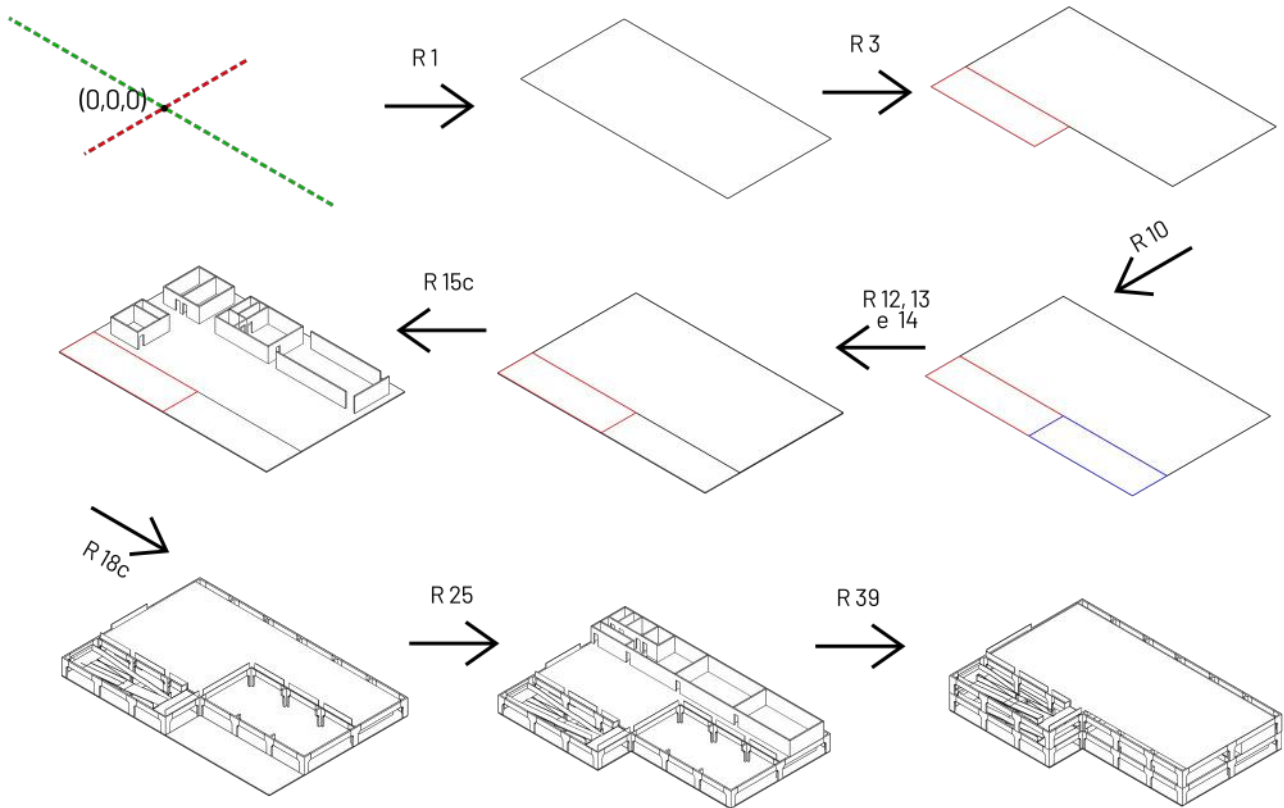
REGRA 118:
Instanciamento de elementos estruturais e cobertura



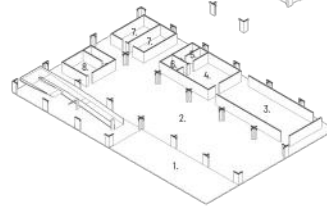
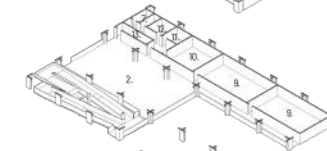
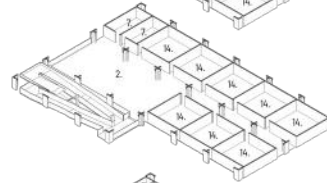
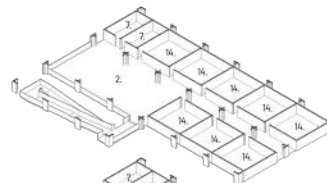
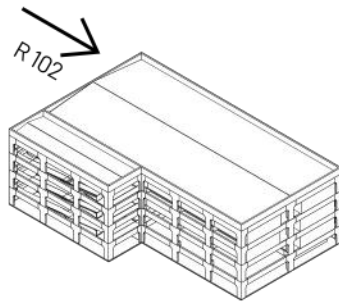
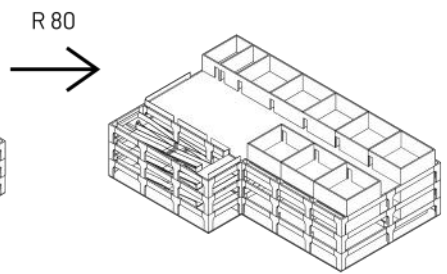
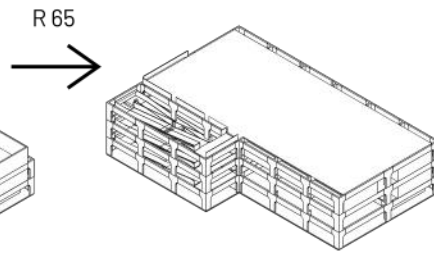
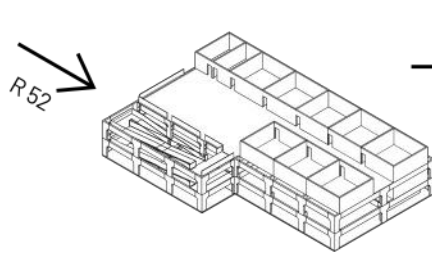
REGRA 119:
Instanciamento de elementos estruturais e cobertura



???? ???? ???? ???? ???? ???? ?



???? ???? ???? ???? ???? ???? ?



LEGENDA

- □ □ □ □ □ □ □ □ □
- □ □ □ □ □ □ □ □ □
- □ □ □ □ □
- □ □ □ □ □
- □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
- □ □ □ □ □
- □ □ □ □ □
- □ □ □ □ □ □ □
- □
- □
- □ □ □ □ □ □ □ □ □
- □ □ □ □ □ □ □
- □ □ □ □ □ □ □ □ □
- □ □ □ □ □ □ □



QUESTION

QUESTION

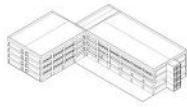
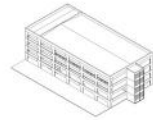
QUESTION

QUESTION

QUESTION

QUESTION

QUESTION



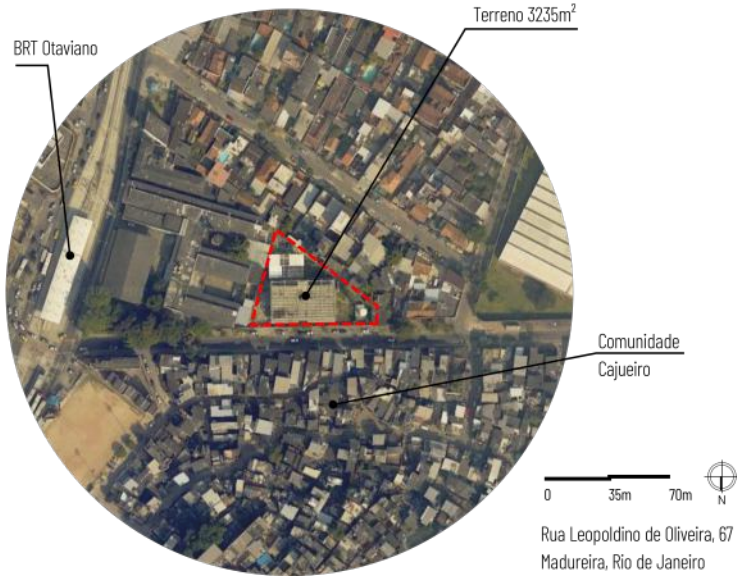
QUESTION

PROPOSTA DE INTERVENÇÃO URBANA

Este projeto visa a requalificação de um terreno de 3235m² localizado na Comunidade Cajueiro, no bairro de Madureira, Rio de Janeiro. A intervenção proposta consiste na construção de um edifício multifamiliar, com o objetivo de melhorar as condições de habitação e promover o desenvolvimento urbano sustentável. O projeto é baseado em princípios de arquitetura bioclimática e integração com o entorno urbano existente.

O terreno em questão encontra-se em uma área de alta densidade populacional, caracterizada por construções precárias e falta de infraestrutura adequada. A proposta de intervenção busca criar um modelo de habitação digna e acessível, que respeite o contexto local e promova a inclusão social. O projeto prevê a construção de um edifício com unidades residenciais, áreas comuns e espaços públicos, contribuindo para a melhoria da qualidade de vida da comunidade.

Localização



Entorno



Este projeto visa a requalificação de um terreno de 3235m² localizado na Comunidade Cajueiro, no bairro de Madureira, Rio de Janeiro. A intervenção proposta consiste na construção de um edifício multifamiliar, com o objetivo de melhorar as condições de habitação e promover o desenvolvimento urbano sustentável.



?????™

??

?????????™????????-
 ?????????? ? ? ? ? ?-
 ????



?????™

??

?????? ????-
 ?????????? ?-
 ????



?????™

??

?????????™????-
 ?????????? ? ? ? ?-
 ????

???????????

???

????????????????-
 ???? ² ?????????

???????????

???

????????????????-
 ???? ² ?????????

???????????

???

????????????????-
 ???? ² ?????????

???????????

???????

???

???????????

???????

???

???????????

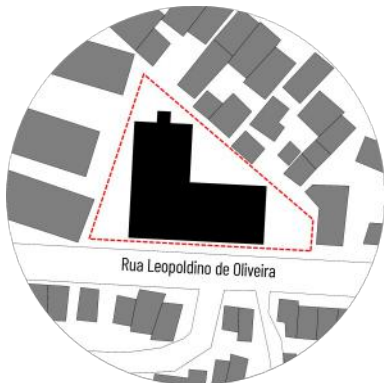
???????

???

????????????????



000000000000



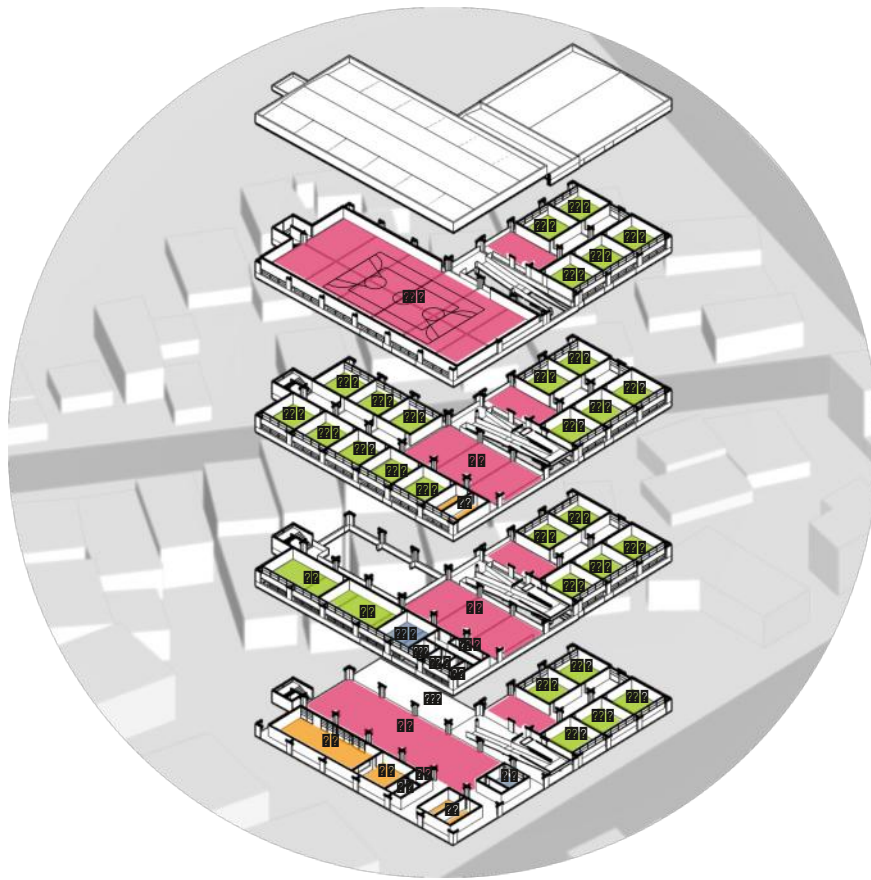
000000000000

OPÇÃO 2

Derivação

00-00-000-000-000-000-000-0000-0000-
 0000-0000-000-000-000-000-000-0000-
 000-000-000-000-000-000-0000-0000

00000000000000000000000000000000



000000000000



Ocupação

00000000000000000000000000000000
 00000000000000000000000000000000

Setorização

- 000000000000
- 00000000000000000000000000000000
- 00000000000000000000000000000000
- 0000000000

LEGENDA

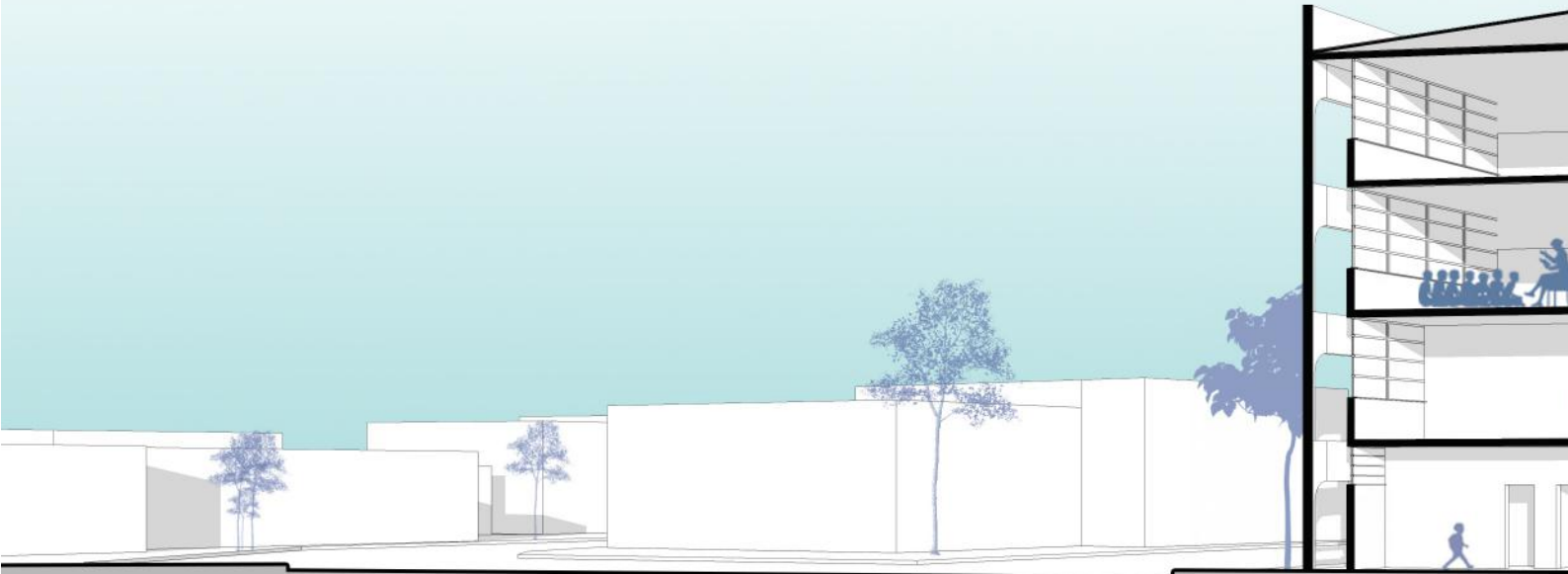
00000000000000000000000000000000
 00000000000000000000000000000000
 00000000000000000000000000000000
 00000000000000000000000000000000
 00000000000000000000000000000000
 00000000000000000000000000000000
 00000000000000000000000000000000
 00000000000000000000000000000000
 00000000000000000000000000000000

00000000000000000000000000000000
 0000
 00000000000000000000000000000000-
 0000
 00000000000000000000000000000000
 000000000000
 000000000000
 00000000000000000000000000000000-
 0000
 00000000000000000000000000000000
 00000000000000000000000000000000
 00000000000000000000000000000000

????? ? ? ? ? ? ? ? ? ?

Q 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120
121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140
141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160
161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180
181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200

Q 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120
121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140
141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160
161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180
181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200



0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0



