

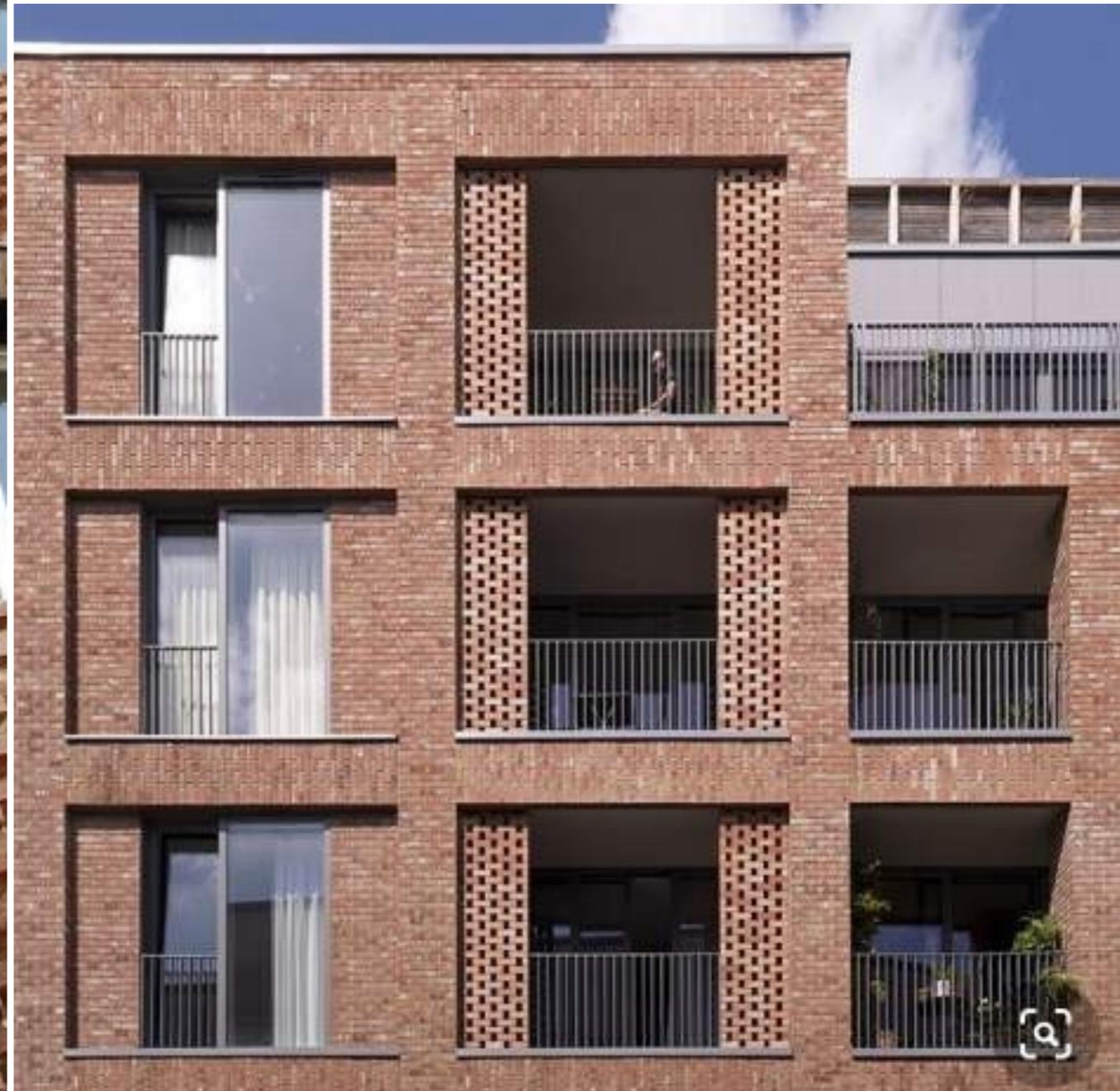
Fachadas

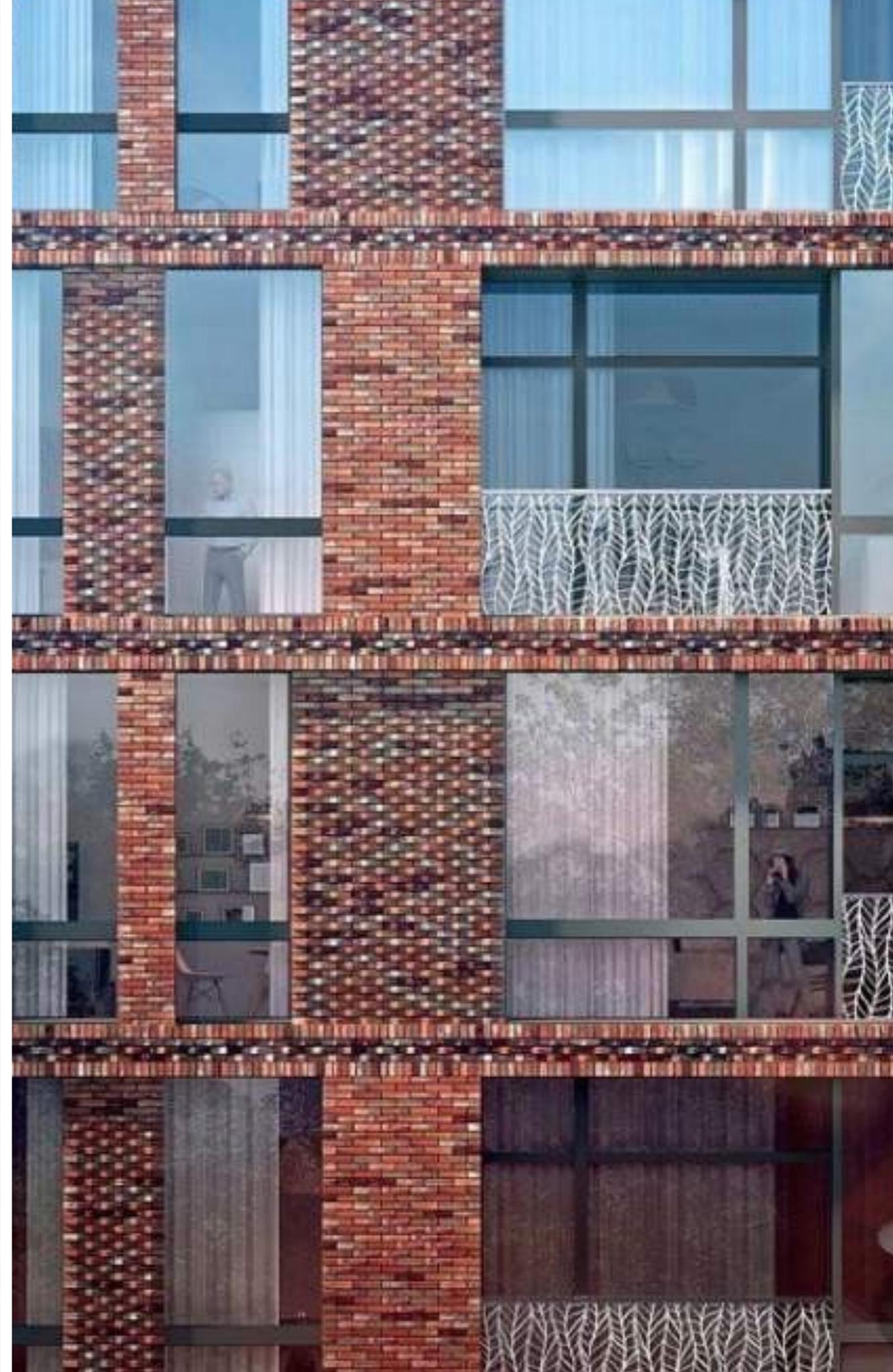
Materiais e Técnicas

Parâmetros Projetuais

MATERIAIS

Estética + Intenções + Mensagens + Performance



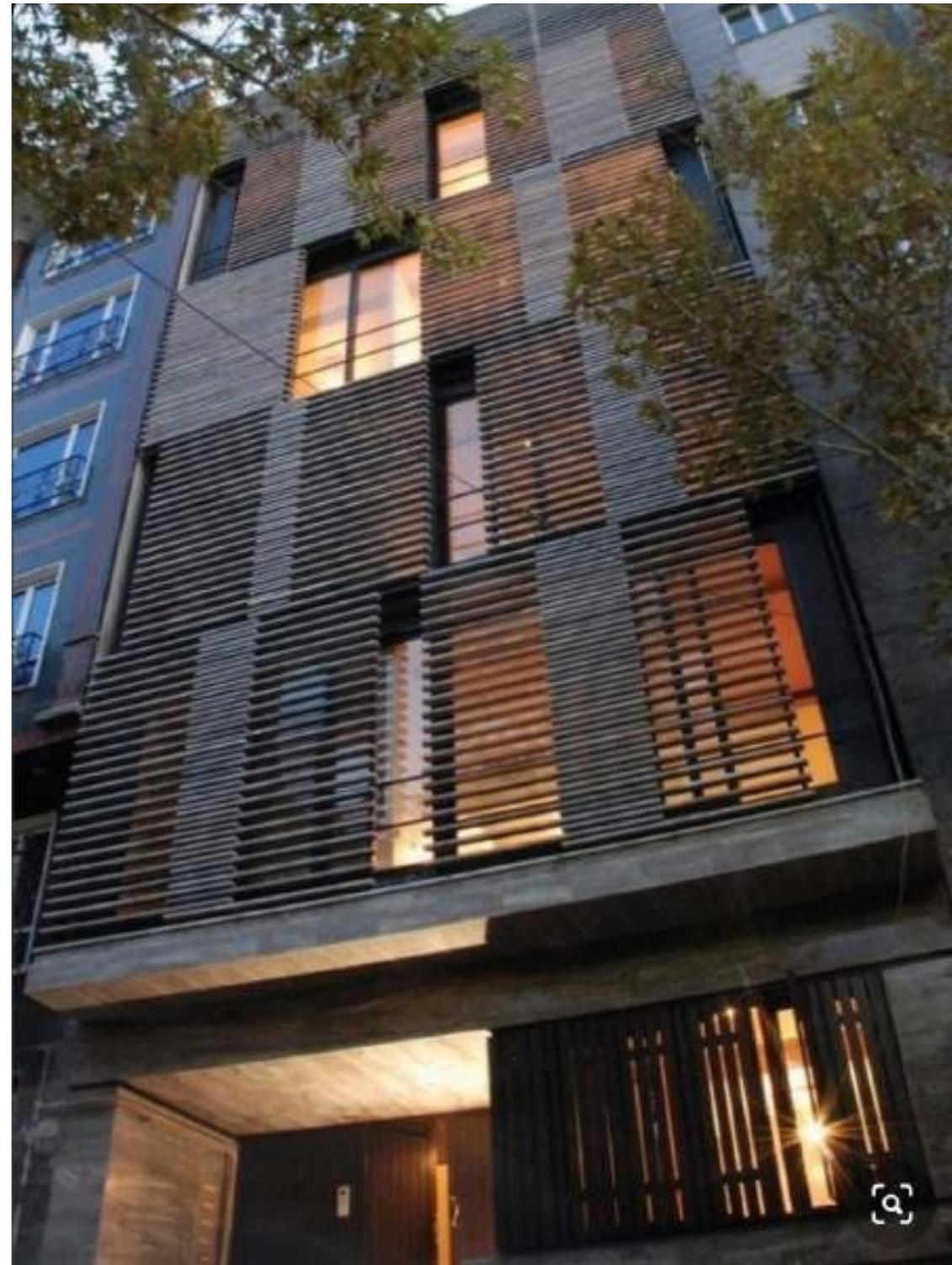


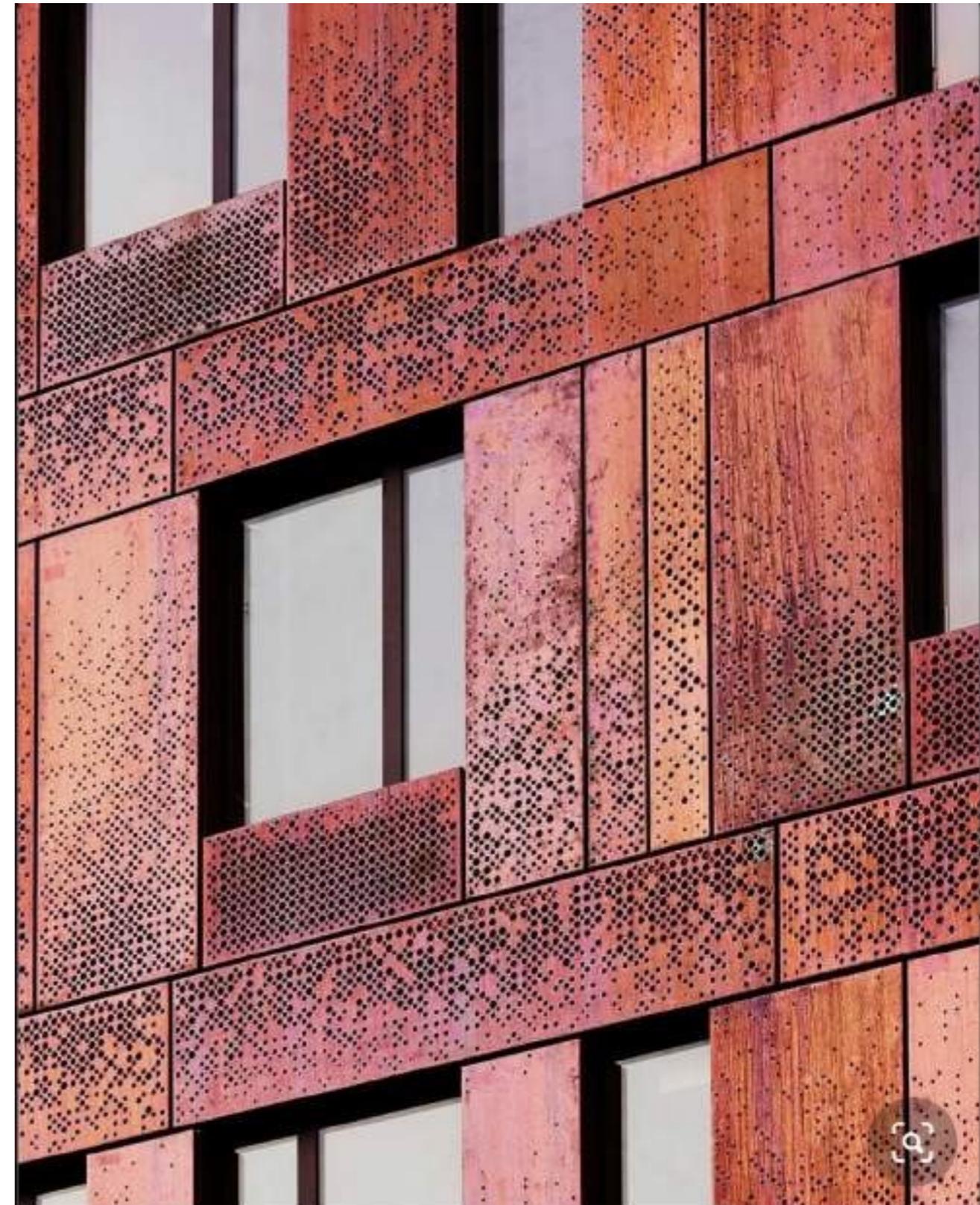


TEHRAN Picture Agency
Photo: Moein Panahandeh









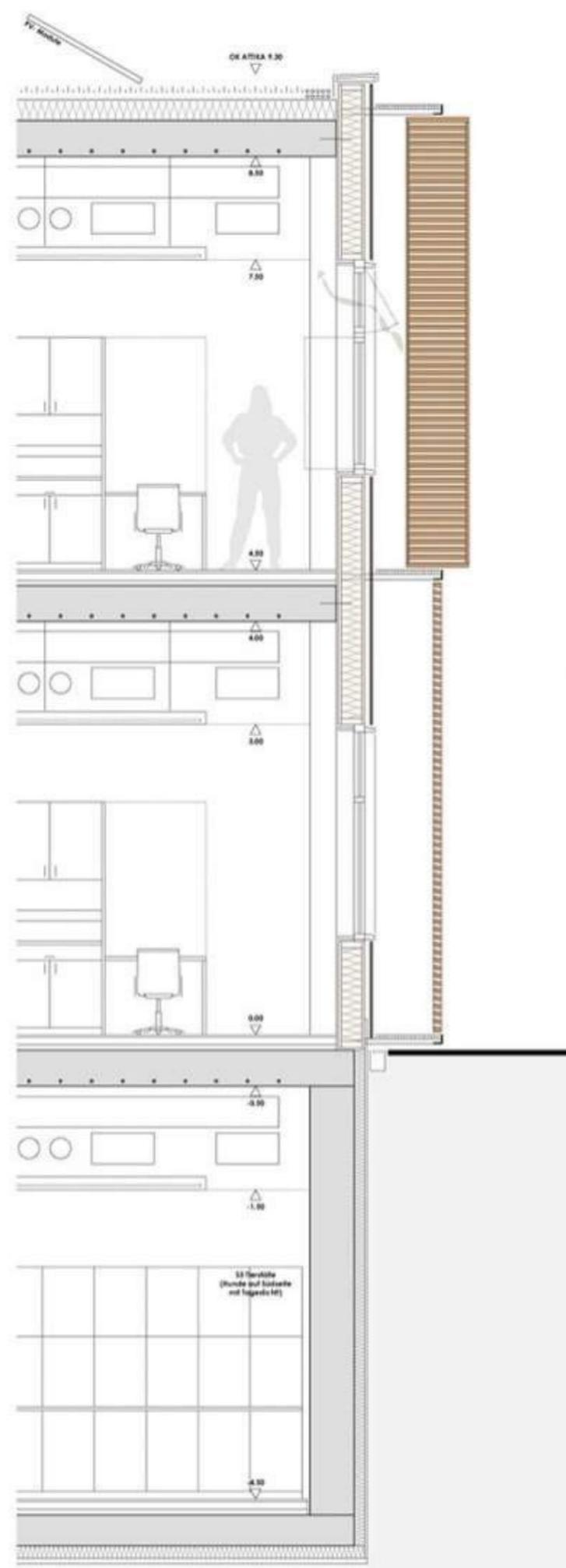






Questões recorrentes

- | Fachada **resultante** de raciocínio em planta
- | Solução justificada apenas pelos aspecto **estético**
- | Falta de **estratégias passivas** de conforto ambiental
- | Falta de **compreensão construtiva** da proposta
- | Posicionamento de estrutura, vedação e proteção solar
- | Solução adotada X Uso da Edificação
- | Intenção + Composição + Repertório + Pesquisa



DACH
 extensive Begrünung
 Abdichtung, 2-lagig, bituminös
 Gefälleabdämmung i.M. 200mm
 Dampfsperre/ Voranstrich

GESCHOSSDECKE LABOR
 Belag
 Estrich
 PE- Folie
 Trittschalldämmung
 Stahlbetondecke Sicht, Untersicht weiß
 thermische Bauteilaktivierung
 30% Akustikstreifen
 Installationsraum 1.00m

FASSADE transparent
 Pfosten- Riegel- Fassade Holz, elementiert
 3-fach Isolierverglasung $u = 0.7$
 Öffnungsfügel Dreh (im Büro für reine Fensterlüftung)
 Senk- Klapp- Flügel (Nachluftspülung)
 Sonnenschutz: vertikal drehbare,
 Holzleistenläden,
 Durchsicht nach Aussen
 auch bei geschlossener Stellung möglich
 innenliegender Blendschutz wo notwendig

INNENAUSBAU
 Trennwände Trockenbau/Glas, demonlierbar
 Boden Labore und Büros: Kautschuk
 Boden Forum: strapazierfähiger Terraplanenazzo

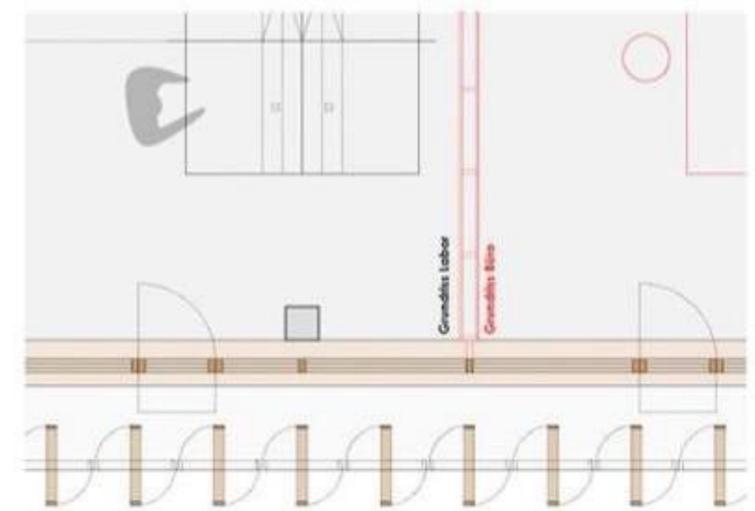
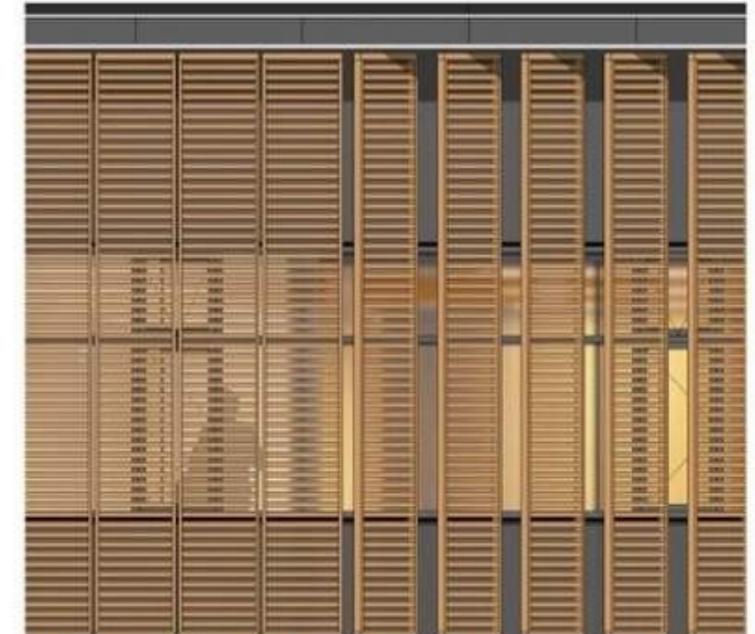
GESCHOSSDECKE BÜRO
 Belag
 Estrich
 PE- Folie
 Trittschalldämmung
 Stahlbetondecke
 Installationsraum 1.00m
 abgehängte, akustisch
 wirksame GK- Decke, weiß auf +3.00m

FASSADE geschlossen
 vorgehängte, hinterlüftete Faserzementplatte,
 $e = 1.25m$
 Holzständerdämmplatte diffusionsoffen
 vorgefertigte Holzrahmenelemente
 mit Wärmedämmung
 OSB- Platte dampfbremsend
 Brandschutzbauplatte
 Anstrich

PRIMÄRTRAGWERK
 Stahlbetonskelett mit Flachdecken
 Achsweite 7.50m x 7.50m
 Schleuderbetonstütze 25cm
 tragende Wandscheiben und Kerne (Ausstellung)

AUSSENWAND UNTERGESCHOSS
 Drainmatte mit Filtervlies
 Perimeterdämmung
 Abdichtung nach Angabe Bodengutachten
 Stahlbetonwand

GRÜNDUNG
 Stahlbetonbodenplatte
 Stellen-/ Einzelfundamente wo notwendig
 PE- Folie
 Perimeterdämmung druckfest
 Sauberkeitsschicht
 PE- Folie
 kapillarbrechende Kiesschicht

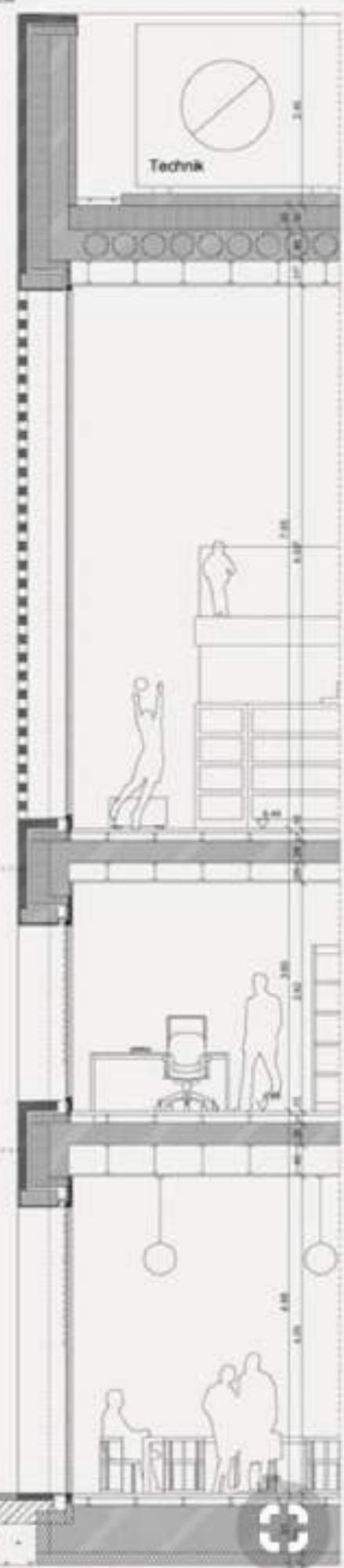


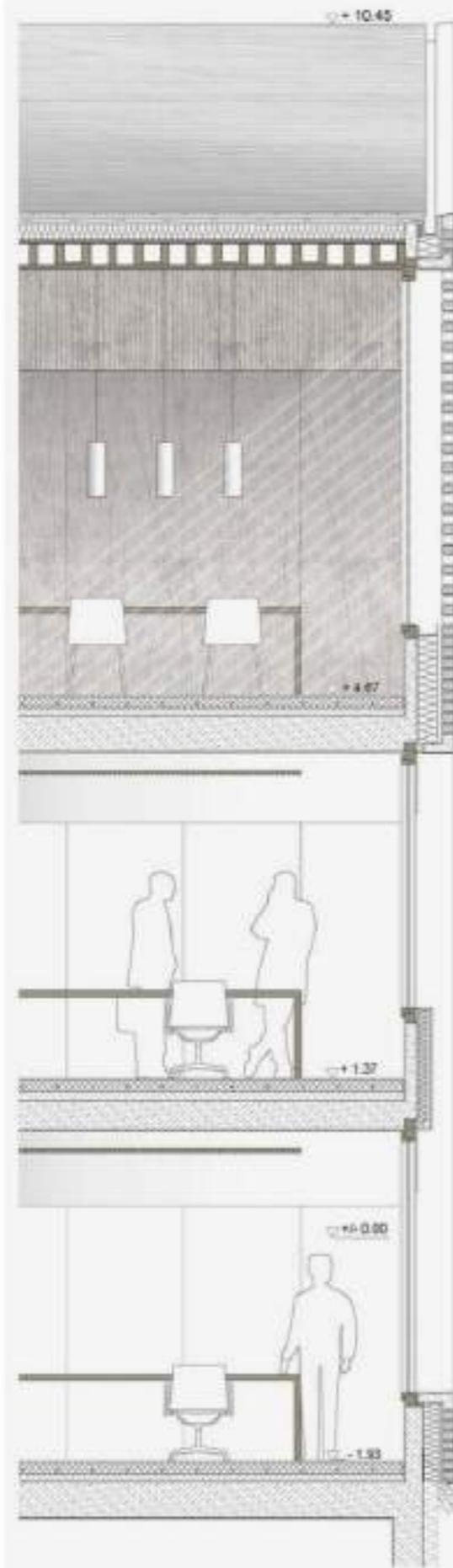


2. OG
Bibliothek

1. OG
Büros
Schulung
Archiv

EG
Cafe
Marktplatz
Kreismedienzentrum





Dachstuhl

- Dachstein ungläsernt
- Unterdach
- Dämmung
- Weichschwamm - Rippenbohle
- mit Isolationswabensteinen mit Holz-Deckenunterdeckt akustisch wirksam

Gehäufel

- Geschlämmte Ziegel, auf Lücke gemauert als Filtersticht
- dahinter Holz-Aluminium-Fenster in Eiche mit 3-fach-Verglasung als Integriertes System (Dreh-Kipp und Festverglasung baugleich) hinter Betonfertiggestirben, angefügt

1. OG, Trauzimmer

Fassade

- nichttragende Ziegelfassade mit Schlammputzschicht
- Tragkonstruktion Giebelstein
- Holz-Aluminium-Fenster in Eiche mit 3-fach-Verglasung als Integriertes System (Dreh-Kipp und Festverglasung baugleich) hinter Betonfertiggestirben, angefügt
- Aussenliegende Sonnenschutzrolle aus Stoff-Gewebe

Zwischengeschoss, Büro

Zwischenstufe

- Parkett-Bodenbelag Raucherzone
- Zementestrich mit Fußbodenheizung
- Trittschalldämmung
- Stützbohle
- Holz-Abhanggebel, akustisch wirksam

Erdgeschoss, Büro



DETAILANSICHT M 1:20



DETAIL GRUNDRISS M 1:20

DETAIL FASSADENSCHNITT M 1:20





CURTAIN WALL ELEVATION

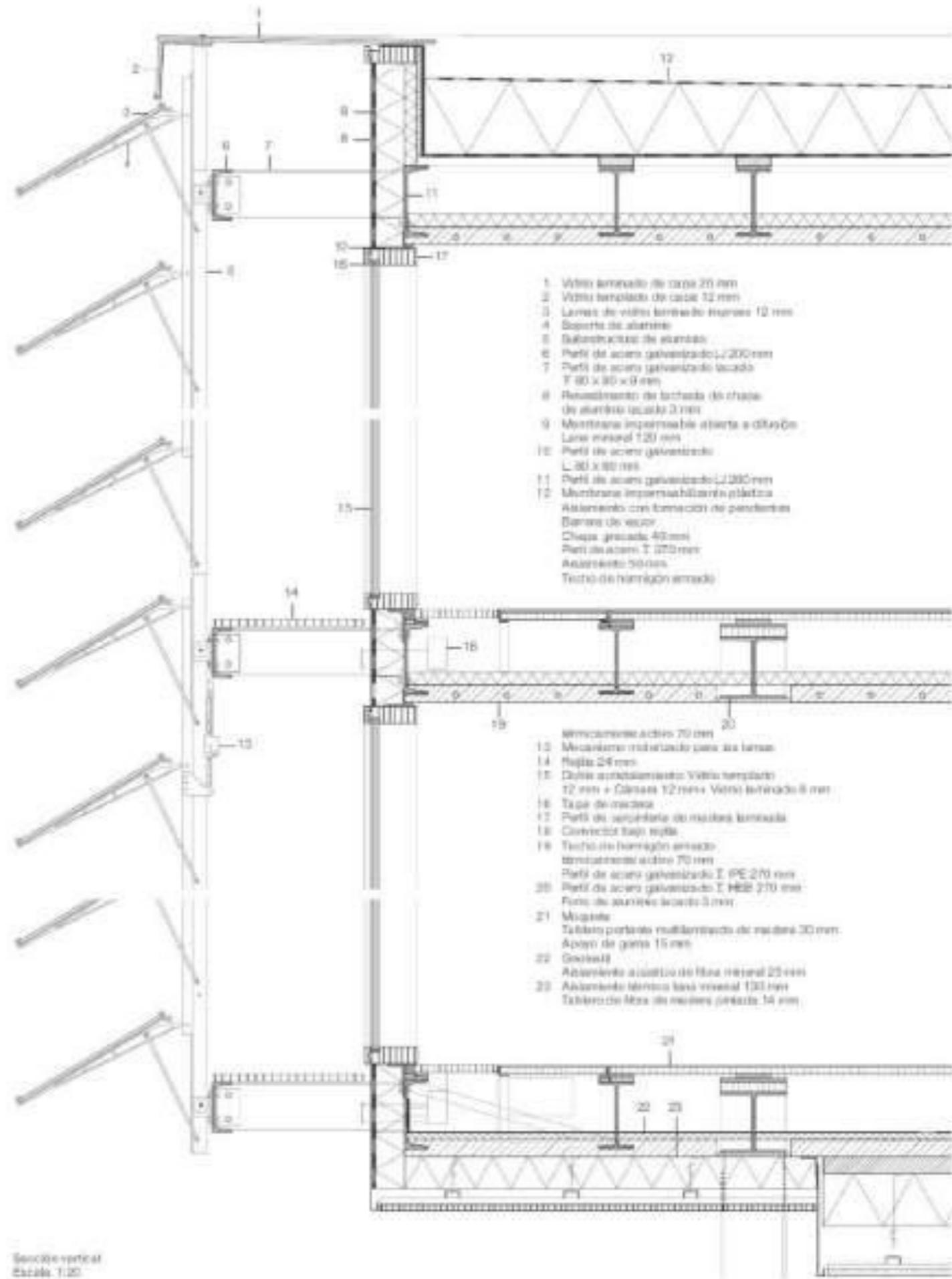
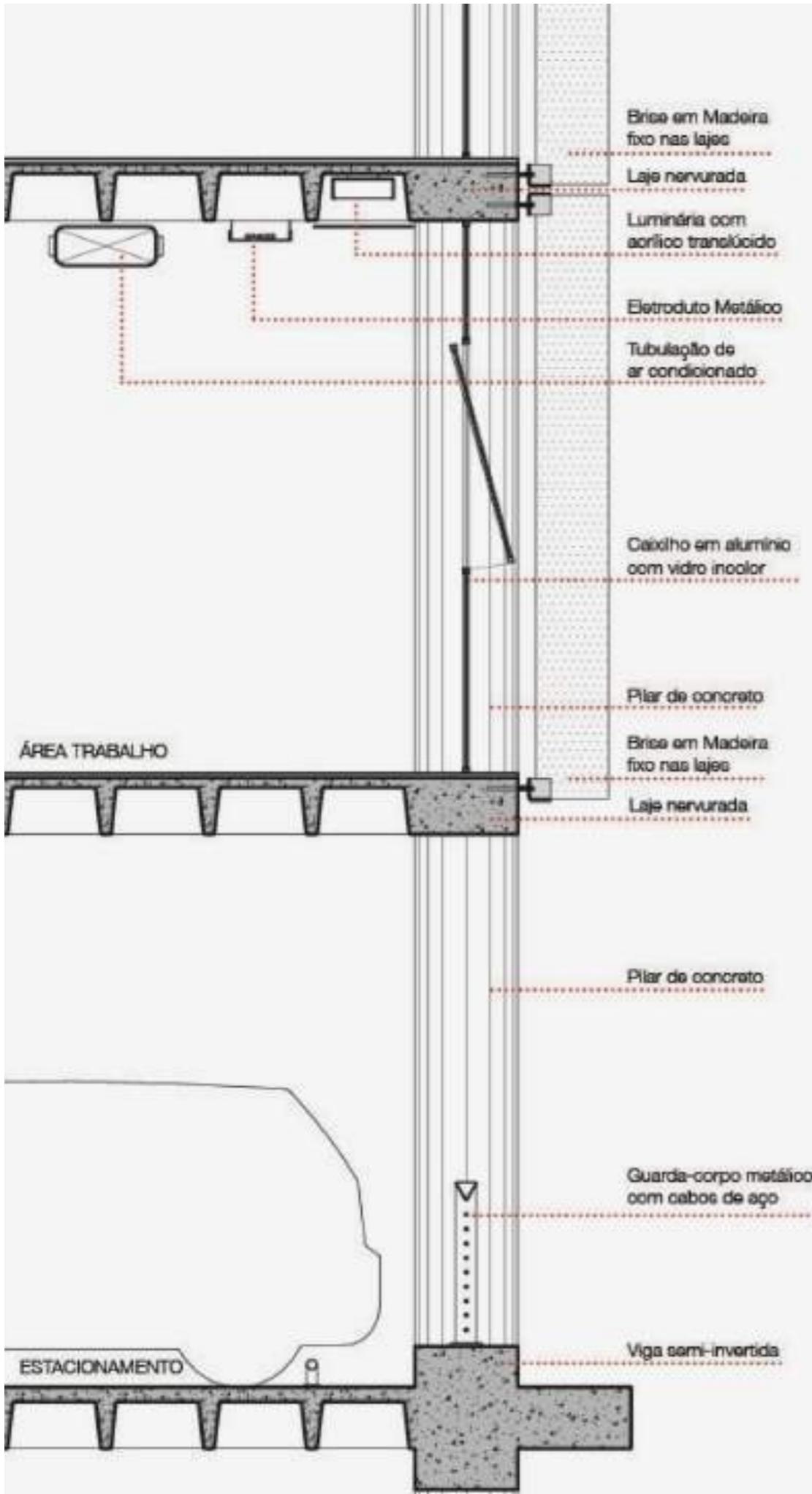


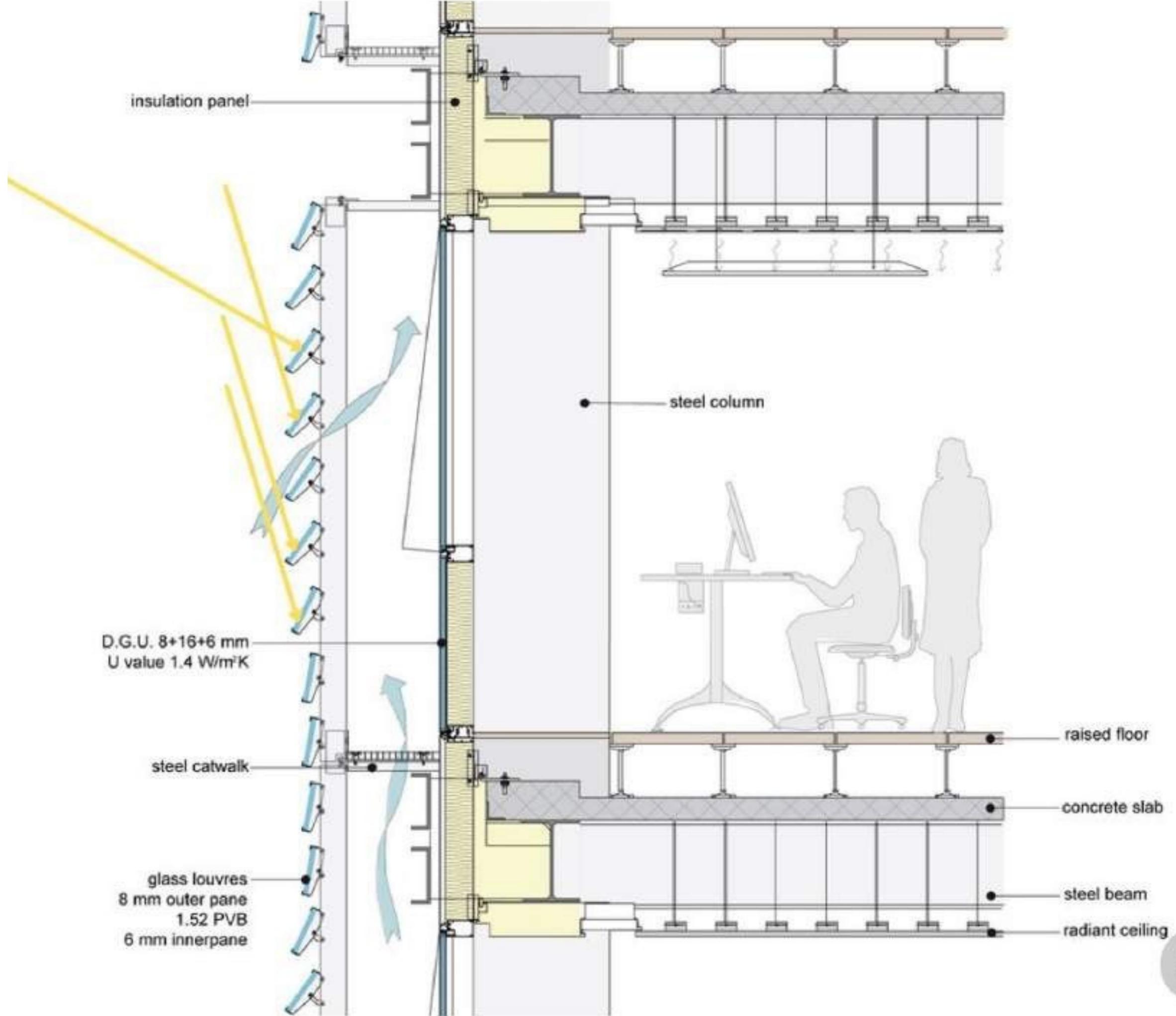
CURTAIN WALL PLAN



OFFICE CURTAIN WALL SECTION







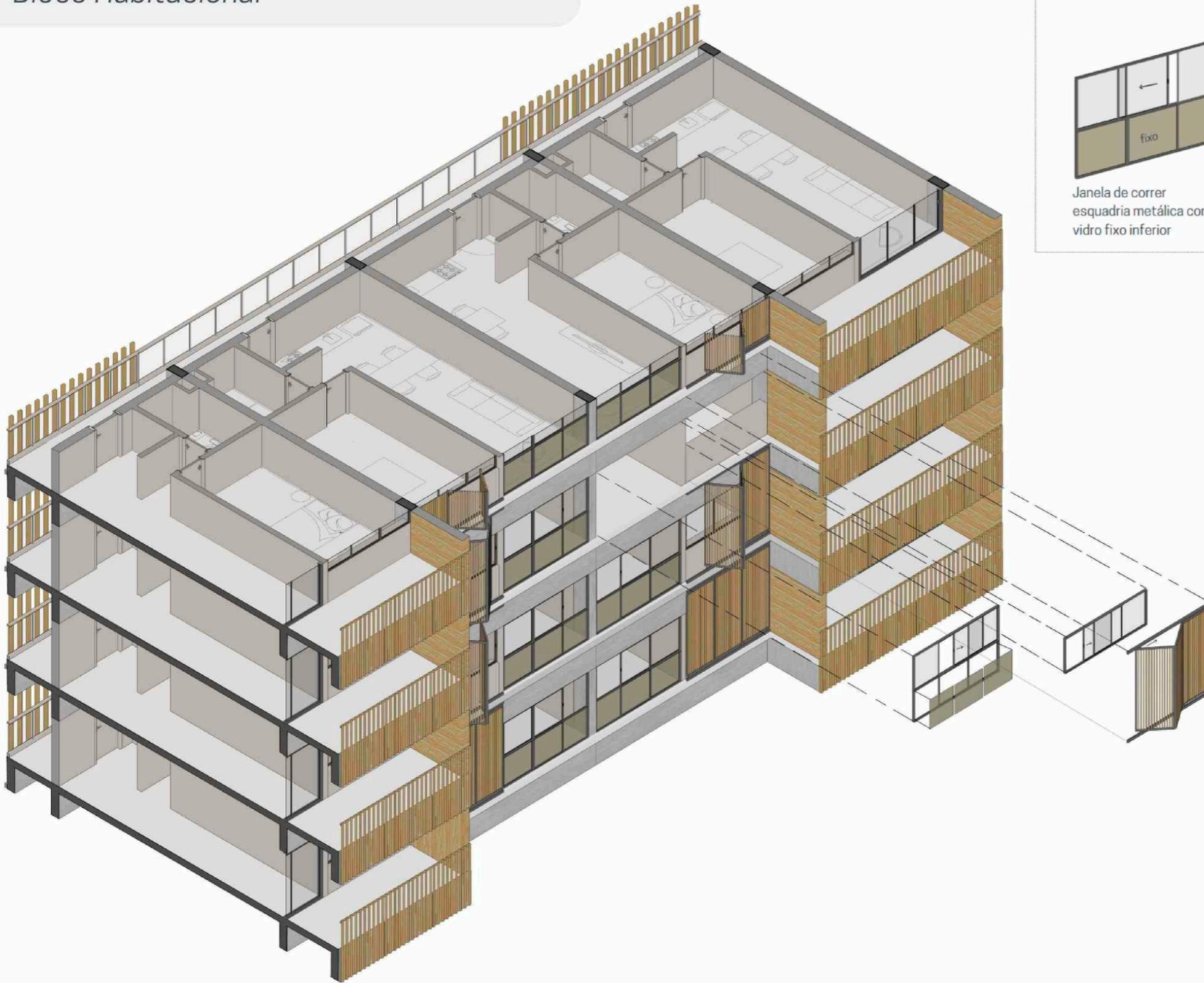
Fachadas

Detalhes e Concepção

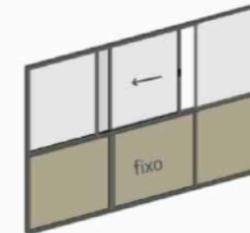
Referências acadêmicas_Projeto.6
+ ISOMÉTRICA

PERSPECTIVA ISOMÉTRICA

Bloco Habitacional

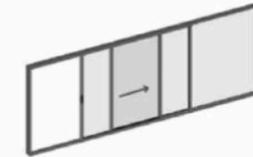


Área Social



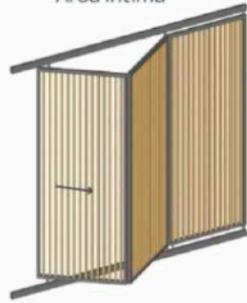
Janela de correr
esquadria metálica com
vidro fixo inferior

Área Íntima



Janela de correr
esquadria metálica

Área Íntima



Veneziana de Correr de
madeira em esquadria
metálica



CORREDOR FECHADO COM PELE DE VIDRO LOW-E (Modulação da Caixilharia: 2,00m x 2,13m)

LAJE ESTENDIDA, DE 60cm, PARA FIXAÇÃO DAS PLACAS METÁLICAS (Espessura Laje Estendida: 0,20m)

PAREDES INTERNAS DE ALVENARIA REVESTIDA (Espessuras: Paredes Corredor e Entre Apts - 0,20m Paredes divisórias de ambientes - 0,10m)

PILARES DE CONCRETO ARMADO PROJETAM-SE PELA METADE PRA FORA DAS PAREDES, PARA COMPOR A ESTÉTICA DA FACHADA COM OS BRISES (Pilares: 1,50m x 0,20m)

BRISE FIXO DE PLACAS DE AÇO PINTADAS DE CINZA ESCURO E FOSCO

VIGAS DE CONCRETO ARMADO COM DIMENSÕES DE 0,85m x 0,20m

LAJE NERVURADA DE CONCRETO COM ESPAÇAMENTO DE 0,96m x 0,96m



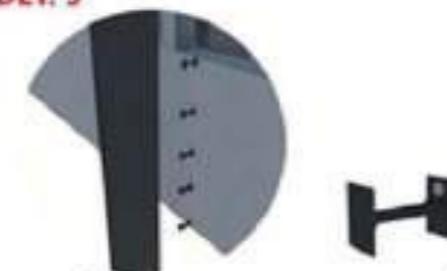
Detalhe da Laje Nervurada em Planta, com acabamento em gesso de 0,03m de espessura

DET. 2



PLACA METÁLICA DE ESPESSURA 0,05m, FIXADA À LAJE DE CONCRETO POR MEIO DE CANTONEIRAS METÁLICAS E DE PARAFUSOS

DET. 3



FIXAÇÃO DAS PLACAS METÁLICAS VERTICAIS ATRAVÉS DE PERFIS I EM AÇO QUE SÃO REBITADOS EM TODAS AS VIGAS

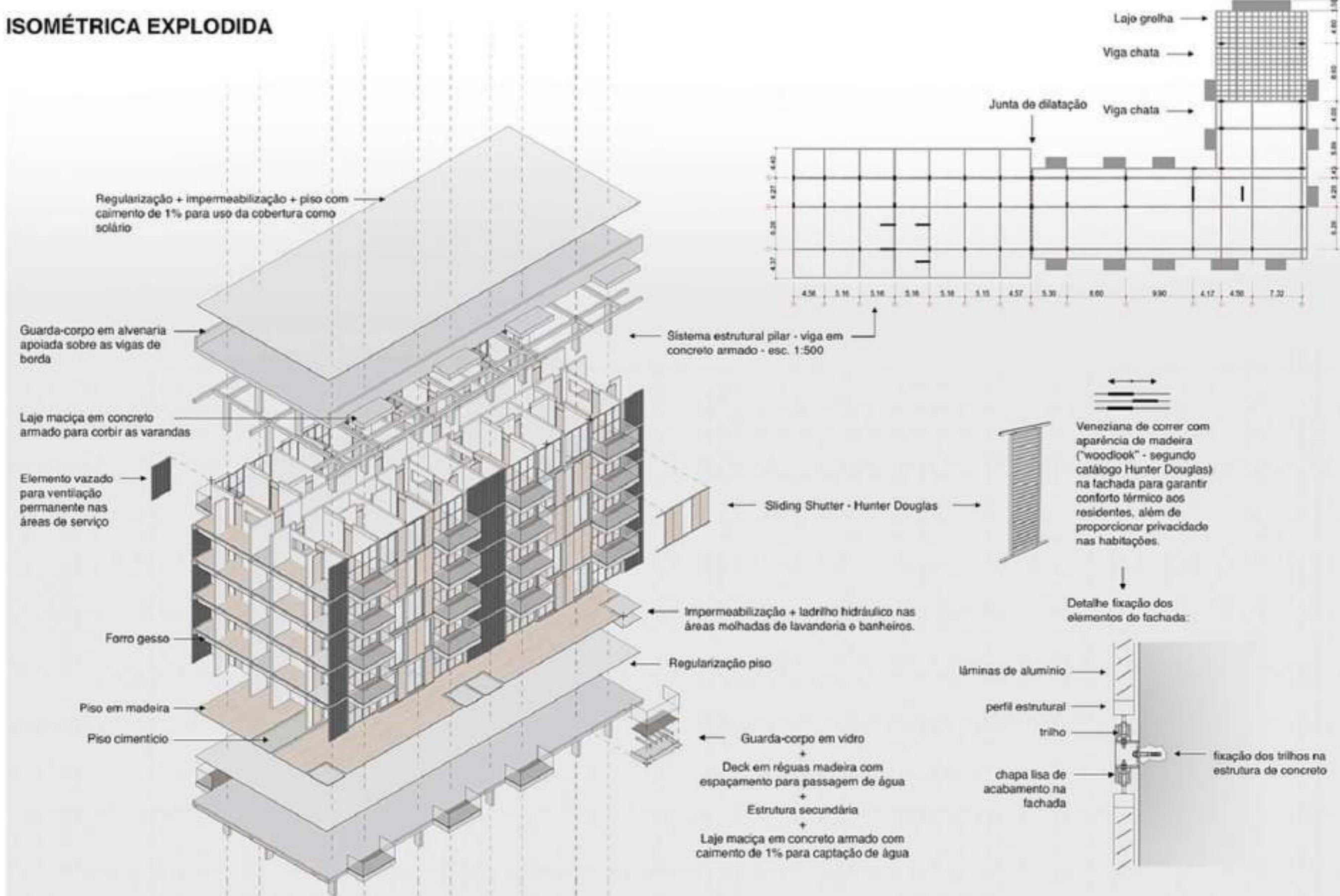
DET. 1

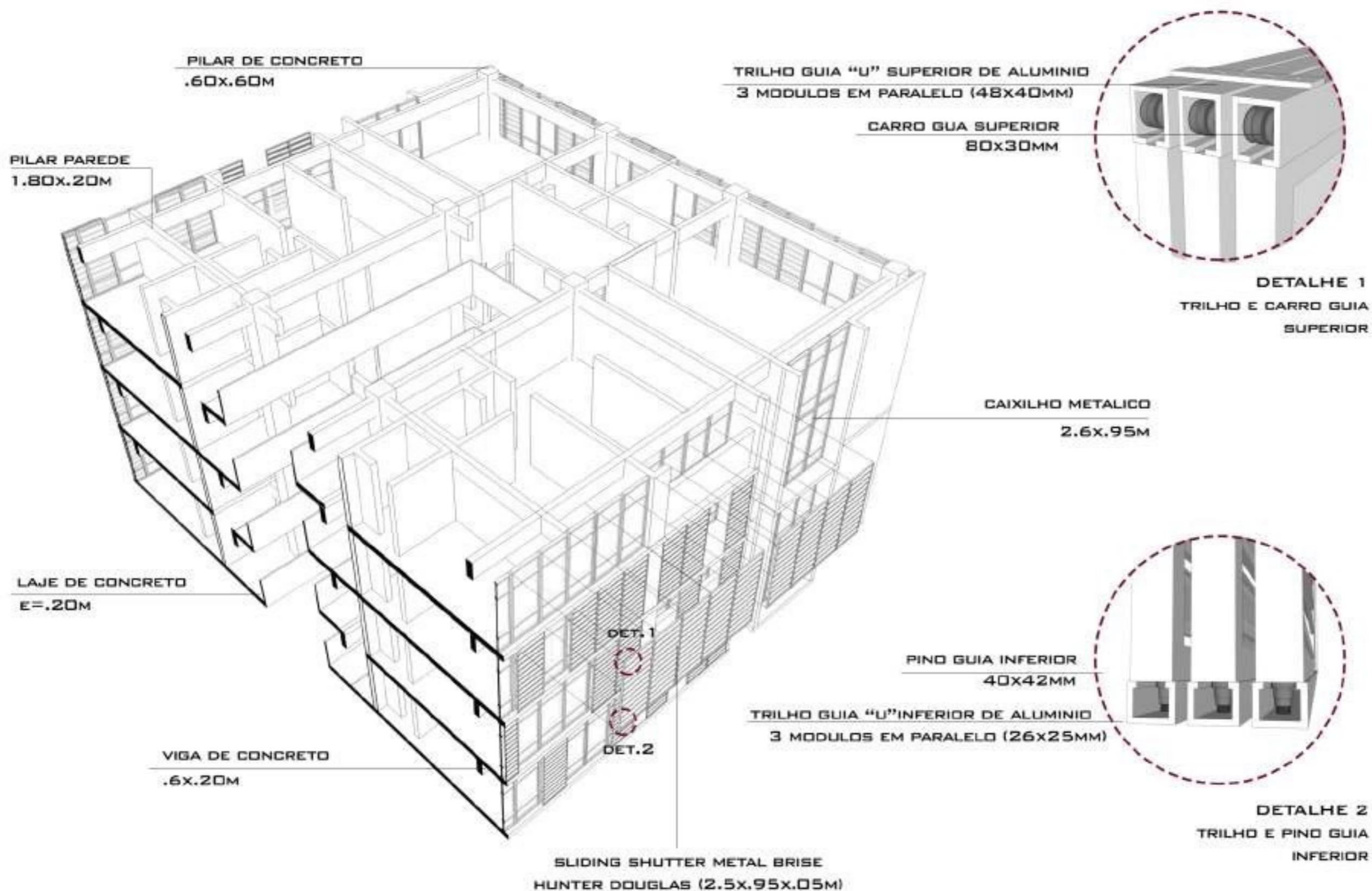


TRAVAMENTO ENTRE AS PLACAS METÁLICAS POR MEIO DE ENCAIXE, SENDO AS PLACAS HORIZONTAIS FIXADAS NOS PILARES ESTENDIDOS, ASSIM COMO AS PLACAS VERTICAIS SÃO FIXADAS NA LAJE ESTENDIDA, POR MEIO DE CANTONEIRA.



ISOMÉTRICA EXPLODIDA





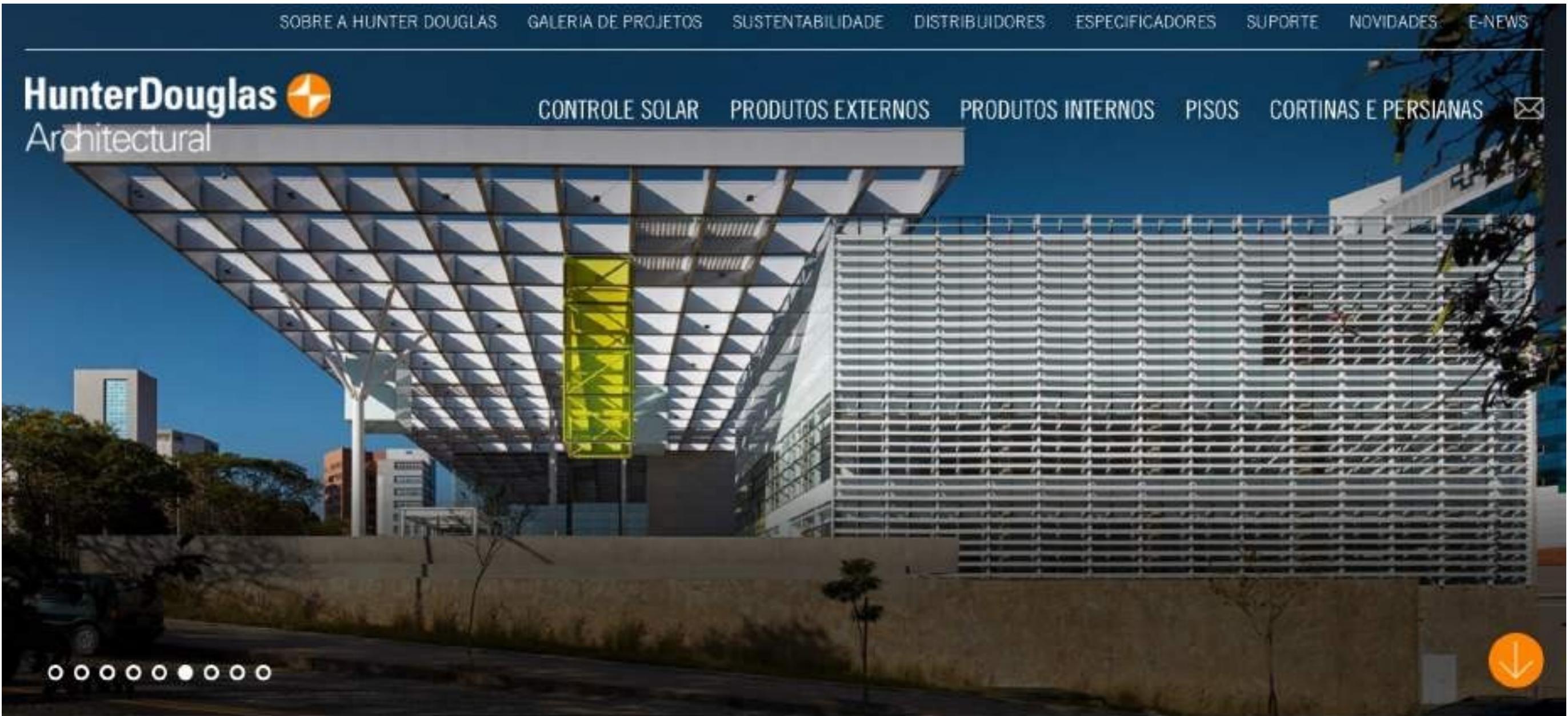
Fachadas

Detalhes e Concepção

Referências _ EMPRESAS ESPECIALIZADAS

PESQUISA

_ Indústria de Soluções Arquitetônicas



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"Environment and context must be the foundation of an architect's conception."

Didier Roche, Architect of Cabinet Archipôle Sud

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