

# Divco West **Cambridge Crossing 441 Morgan Avenue**

Materials and  
Physical Model

Design Submission  
September 22, 2020

 **DIVCOWEST**  Cambridge Crossing

**ennead JACOBS**

MICHAEL  
VAN  
VALKENBURGH  
ASSOCIATES  
INC

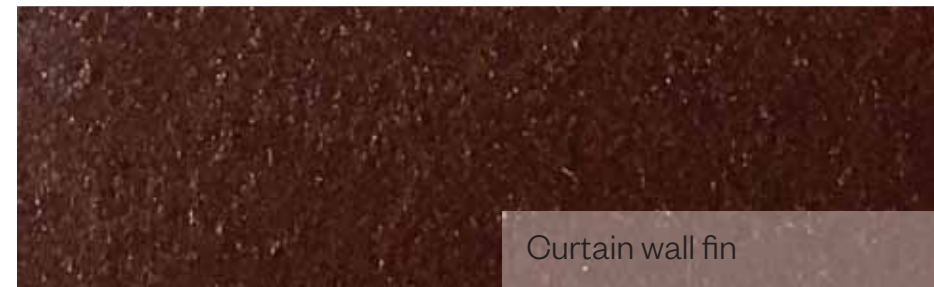




Curtain wall glass



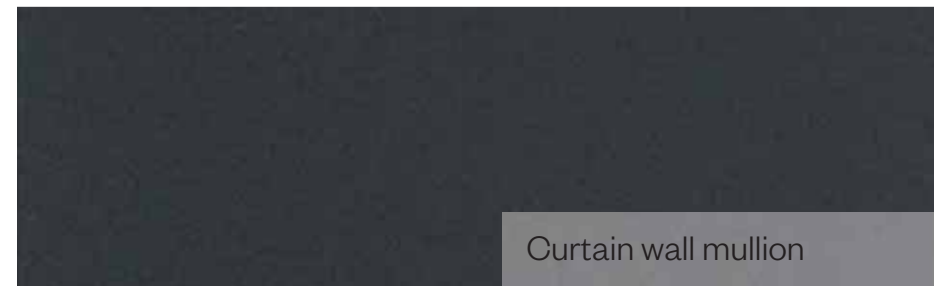
Curtain wall glass frit



Curtain wall fin



Curtain wall spandrel



Curtain wall mullion

**Materials**

**Curtain wall fin:**  
 Deep red reduction-fired terracotta

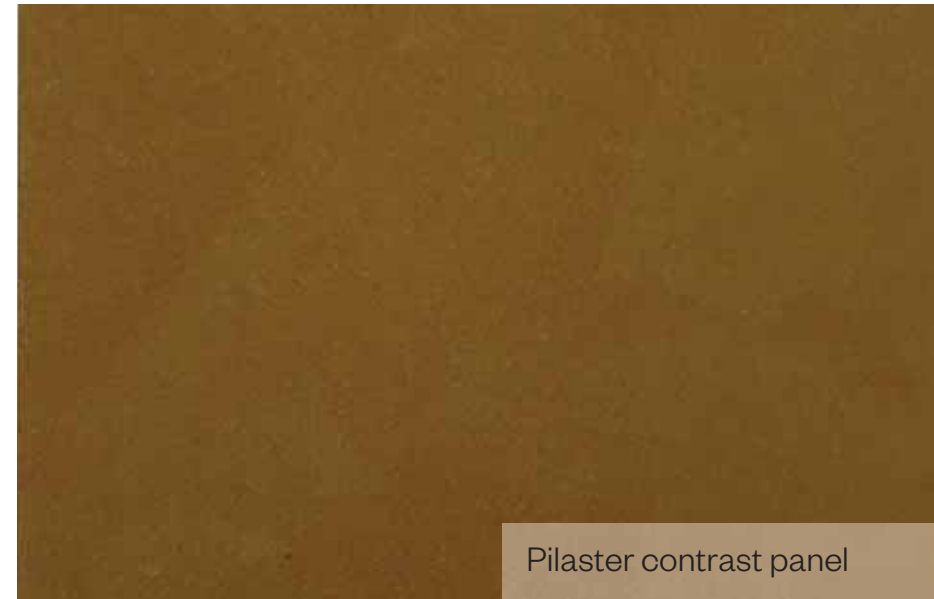
**Curtain wall glass:**  
 InterPane Stopray Ultra 70 CSV, double-glazed  
 VLT: 67%,  
 Reflectivity out: 10%  
 Winter U value: 0.23,  
 Summer U value: 0.21,  
 SHGC: 0.29, 12mm air

**Curtain wall mullion:**  
 Metal with dark medium-grey paint  
 Duranar XL Deep Space

**Curtain wall spandrel:**  
 Metal with medium-grey paint  
 Benjamin Moore CSP-20 Wall Street



Pilaster panel



Pilaster contrast panel



Curtain wall, mullion, spandrel and stormproof louver



Curtain wall glass

**Materials**

Pilaster panel:  
Pure+Freeform red-grey  
printed aluminum panel

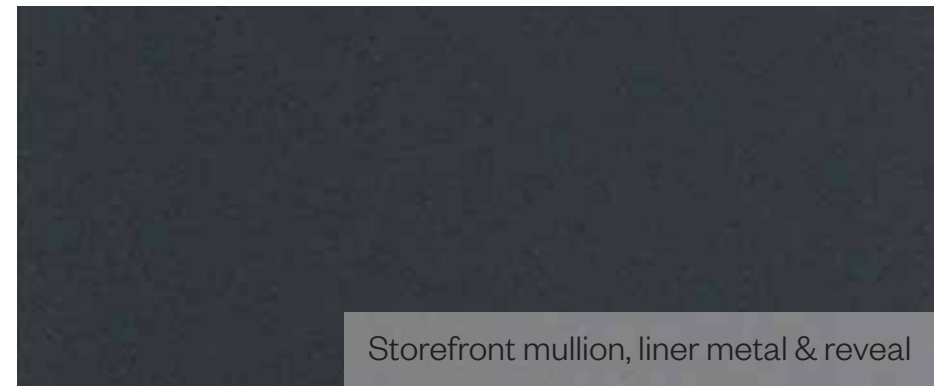
Pilaster panel (contrast):  
Pure+Freeform copper-grey  
printed aluminum panel

Curtain wall, mullion, spandrel  
and stormproof louver:  
Metal with medium-dark grey  
paint  
Duranar XL Deep Space

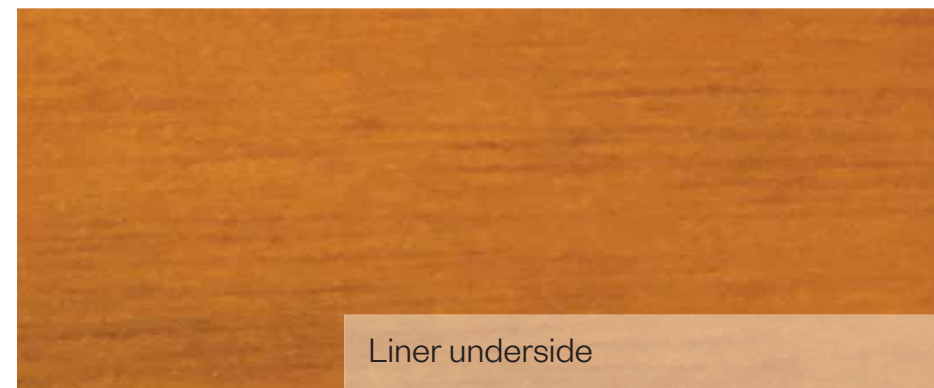




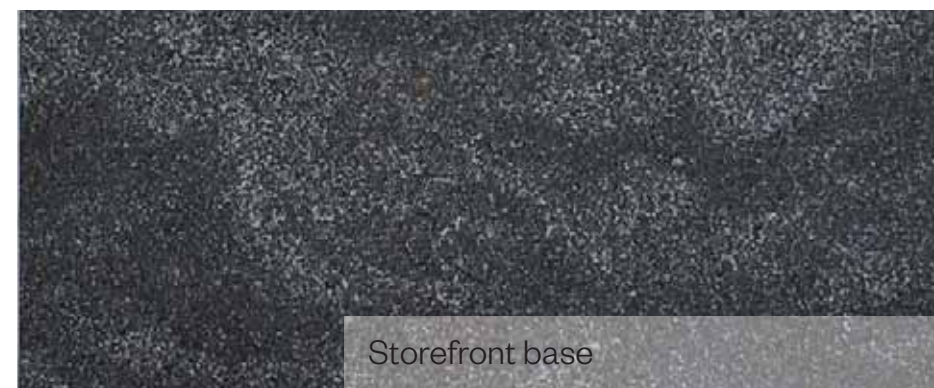
Storefront glass



Storefront mullion, liner metal & reveal



Liner underside



Storefront base

**Materials**

Storefront glass:  
 IBG low-iron glass, iplus 1.1  
 10-12-6 CLV Air ER  
 VLT: 84%  
 Reflectivity out: 12%  
 SHGC: 0.60  
 Winter U value: 0.29  
 Summer U value: 0.28

Storefront mullion, liner metal and reveal:  
 Metal with medium-dark grey paint  
 Duranar XL Deep Space

Liner underside:  
 PVDF Prodema pale

Storefront base:  
 Jet Mist granite

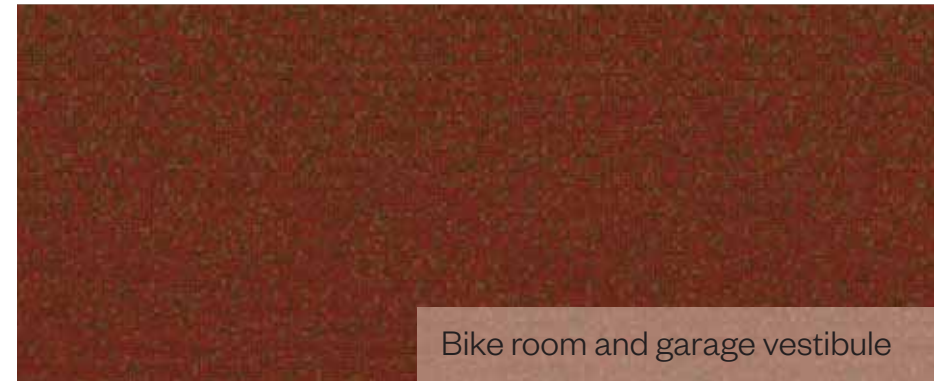




East-side windows



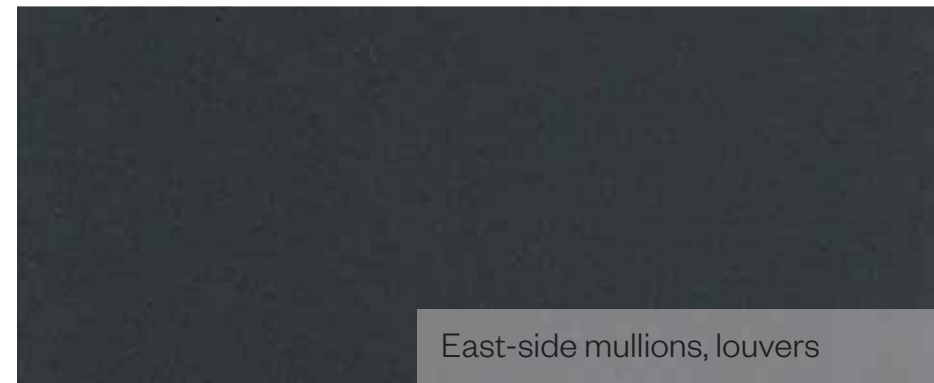
Public vestibule, alley panels



Bike room and garage vestibule



East-side windows



East-side mullions, louvers

**Materials**

Public elevator vestibule, east-side alley panels:  
Dura Artisan Cor-Ten Light painted aluminum

Bike room vestibule, garage vestibule:  
Deep red to deep gold gradient of ceramic tile  
Bisazza GM 20.97, Bisazza SM 74

East-side windows:  
IBG low-iron glass, iplus 1.1  
10-12-6 CLV Air ER  
VLT: 84%  
Reflectivity out: 12%  
SHGC: 0.60  
Winter U value: 0.29  
Summer U value: 0.28

Bendheim Houdini channel glass:  
VLT: 72%  
Reflectivity out: 8%\*  
SHGC: 0.66  
U value: 0.49

East-side window mullions, louvers:  
Benjamin Moore 2125-20  
Deep Space

\* Manufacturer has stated that this reflectivity is equivalent to national standards.

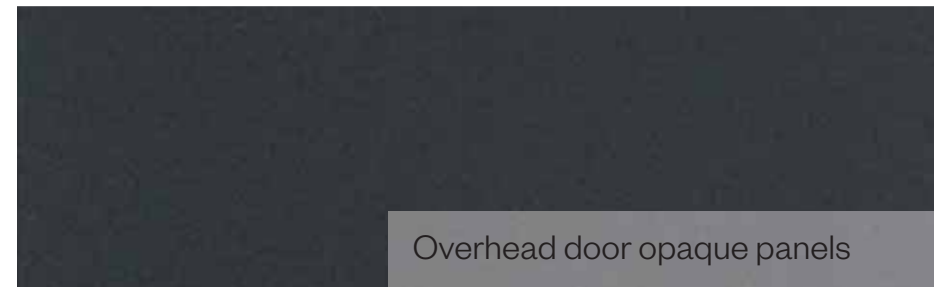




Loading and parking portals



Overhead door translucent panels



Overhead door opaque panels

**Materials**

Vehicle door portals:  
Dura Artisan Cor-Ten Light  
painted aluminum

(note: painted materials vary;  
sample shown represents  
intent but final selections may  
have slight variations)

Overhead door opaque  
panels:  
Metal with medium-dark grey  
paint  
Duranar XL Deep Space

Overhead door translucent  
panels:  
Rytec Spiral FV high-speed  
overhead door, translucent  
lexan



Interior bicycle rack: Landscape Forms FGP bike rack  
Finish: anodized



Polished concrete floor and ramp with a 0.43  
coefficient for friction (required slip resistance)





**Material**

InterPane Stopray Ultra 70 CSV

VLT: 67%,

Reflectivity out: 10%

Winter U value: 0.23,

Summer U value: 0.21,

SHGC: 0.29, 12mm air

**Location**

Northeast and northwest  
curtain wall façades;

Southeast and southwest  
façades





**Material**

InterPane Stopray Ultra 70  
CSV with White Ceramic Frit

**Location**

Northeast and northwest  
curtain wall façades





**Material**

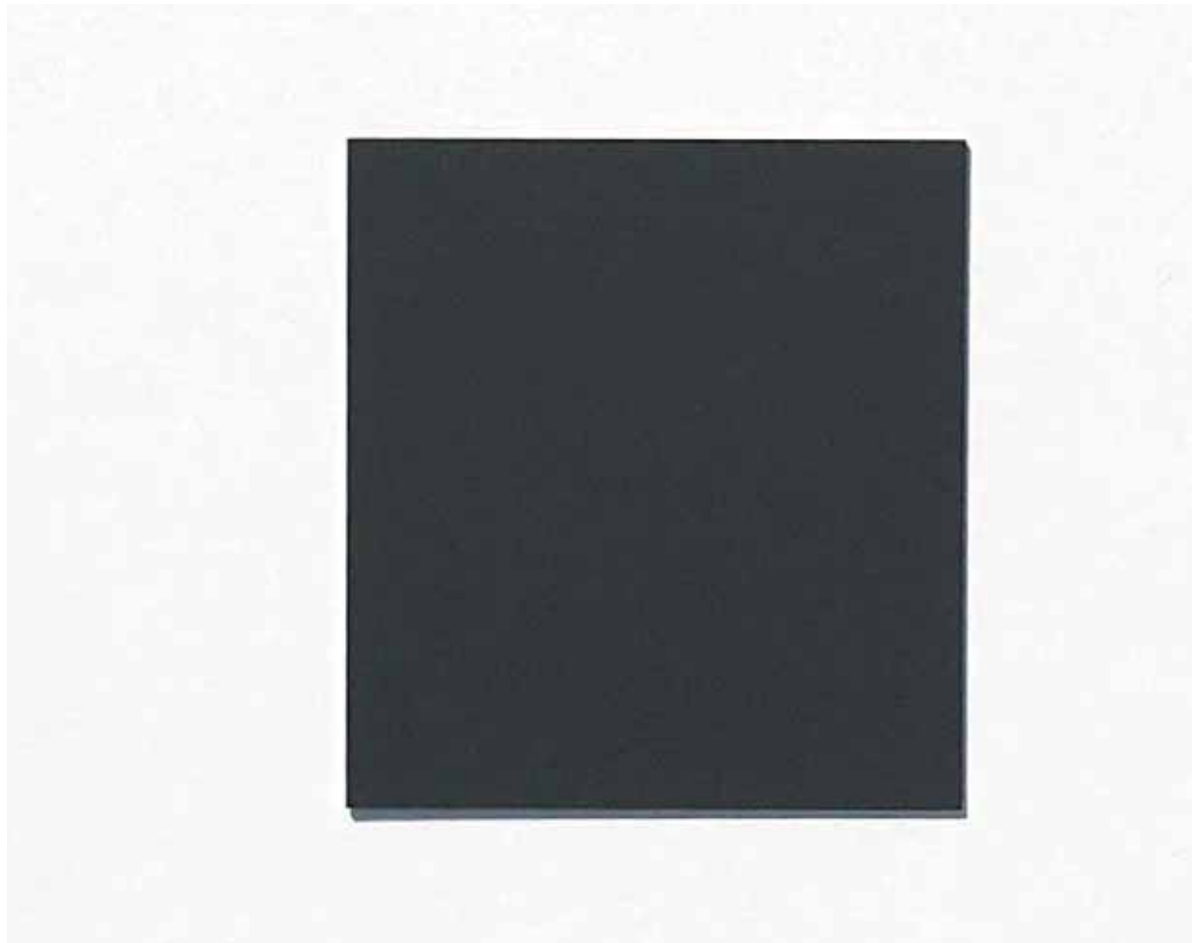
Shildan deep-red terra cotta

**Location**

Northeast and northwest  
curtain wall façades







**Material**

Metal with medium-dark grey paint  
 Duranar XL Deep Space

**Location**

- Northeast and northwest curtain wall mullions
- Southeast and southwest mullions, spandrels and stormproof louvers
- Northwest façade overhead door opaque panels
- East-side window mullions
- Northeast façade, mechanical penthouse area expanded metal mesh
- Portal liner outer surface
- Northeast and southwest corners, reveal between curtain wall and pilaster wall

Glazed entrance mullions

Opaque loading dock doors

**CURTAIN MULLION, STORMPROOF LOUVER,  
 OVERHEAD DOOR PANELS, PENTHOUSE MESH**





**Material**

Metal with medium grey paint  
Benjamin Moore CSP-20 Wall  
Street

**Location**

Northeast and northwest  
curtain wall façades,  
shadowbox





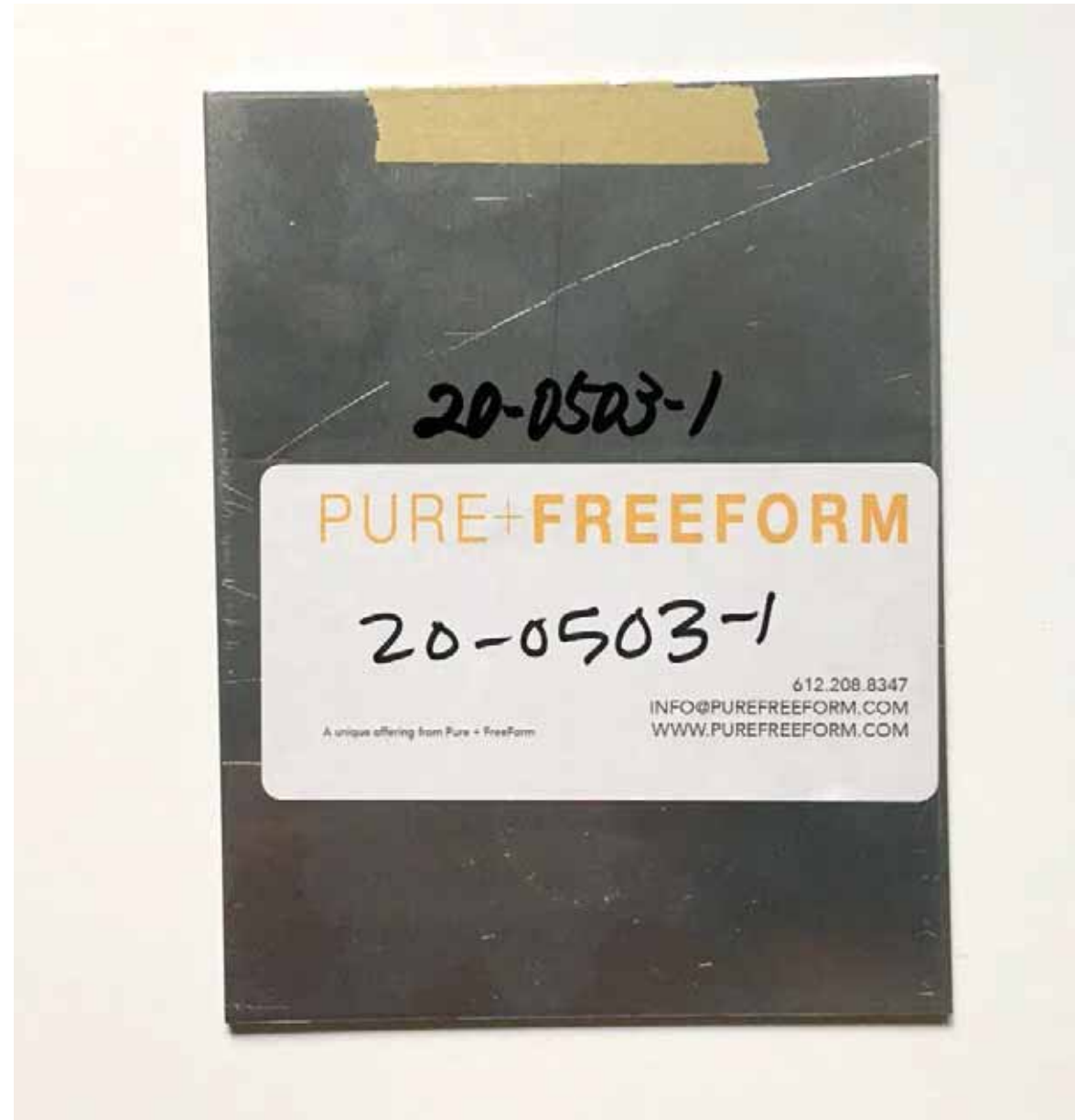
**Material**

Pure+Freeform printed aluminum

**Location**

Southeast and southwest façades





**Material**

Pure+Freeform printed aluminum

**Location**

Southeast and southwest façades, shifted volumes





**Material**

IBG low-iron glass, iplus 1.1  
 10-12-6 CLV Air ER  
 VLT: 84%  
 Reflectivity out: 12%  
 SHGC: 0.60  
 Winter U value: 0.29  
 Summer U value: 0.28

**Location**

First floor, lobby and northwest  
  
 First floor, bike room



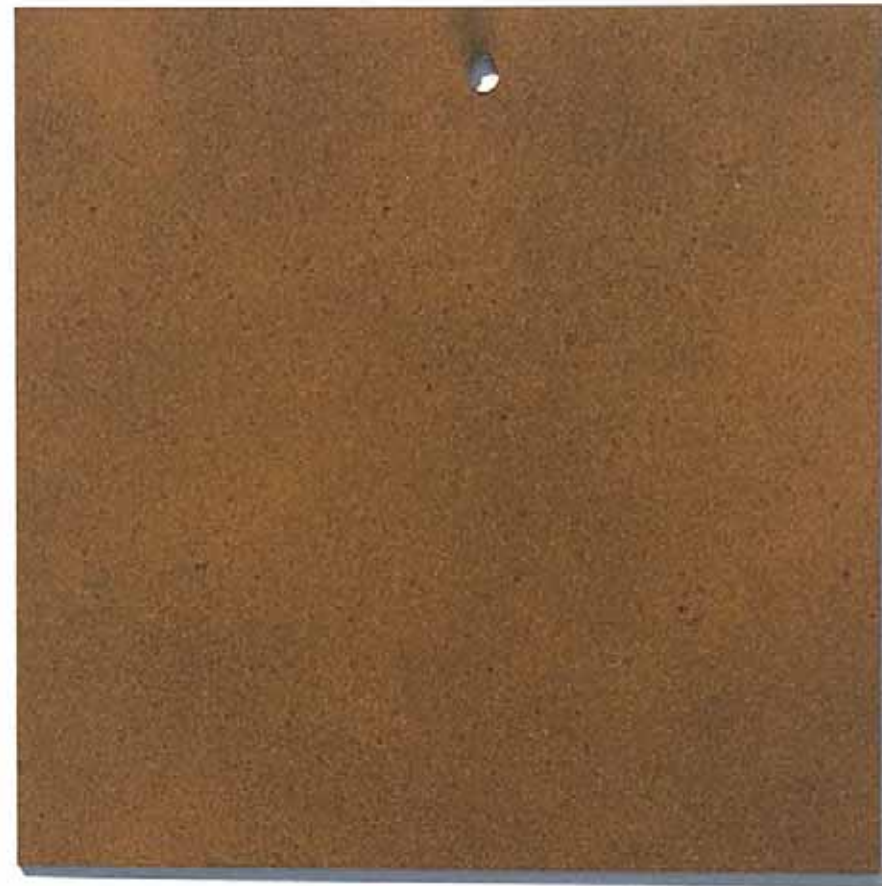
**Material**

PVDF coated wood - dark brown

**Location**

First floor, lobby, northwest and northeast, portal liner inner surface and horizontal louvered fins





**Material**

Dura Artisan Cor-Ten Light painted aluminum

(note: painted materials vary; sample shown represents intent but final selections may have slight variations)

**Location**

Loading dock and parking portals

East and northeast façades

Public elevator vestibule

Stormproof louvers



**Material**

Rytec Spiral FV high speed overhead door

**Location**

Loading Dock





**Material**

Deep red to deep gold gradient of ceramic tile  
Bisazza GM 20.97, Bisazza SM 74

**Location**

First floor, bike room vestibule and garage elevator vestibule



**Material**

Bendheim Houdini channel glass  
VLT: 72%  
Reflectivity out: 8%\*  
SHGC: 0.66  
U value: 0.29

**Location**

Bike room east-side windows

\* Manufacturer has stated that this reflectivity is equivalent to national standards.





**Material**

Jet Mist honed granite

**Location**

18" vertical base of building



## NORTHEAST ELEVATION









