Solarwall

Architectural integrated
photovoltaics

Solarwall SA
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www.solarwall.ch

Dear Readers,

We are pleased to present our brochure dedicated to our achievements, illustrating our expertise in **Building Integrated Photovoltaics (BIPV)**.

Since our foundation in 2014, our mission has been to shape the energy transition towards solar, one project at a time. We work closely with architects, installers, solar panel manufacturers, and operators to find **custom photovoltaic solutions** tailored to each construction project.

This brochure highlights emblematic projects with different specificities, such as:

- **Camandona SA maintenance hall in Crissier:**
  Complete renovation of the industrial hall roof by replacing opaque fiber cement sheets with translucent photovoltaic glass, improving light quality for workers. Additional PV panels were installed on the façade to increase electricity production and modernize the building.

- **Grisons Cantonal Police building in Chur:**
  Collaboration with architects to develop the photovoltaic system integrated into sunshades for a building with a unique architectural signature.

- **Yverdon-les-Bains wastewater treatment plant:**
  Modernization program combining originality and performance by playing with color while optimizing electrical output.

- **Allmend Primary School in Zurich:**
  Due to the building's location, the schoolyard is on the attic level. It was decided to protect it with a PV installation integrated into the roof using translucent glass to maintain brightness.

We invite you to browse this brochure to discover other references not listed above and explore the extent of our know-how and the positive impact of our projects on the environment and society.

These achievements demonstrate our commitment to integrating custom, aesthetic, and efficient solar solutions, contributing to a sustainable energy future.

Sincerely,

The Solarwall Team

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Reference Portfolio

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Camandona
Crissier VD

2024

Stages | Industry Rénovation | Facade | Roofing

Complete renovation of the main industrial hall at Camandona in Crissier. Replacement of opaque and translucent fiber cement sheets with translucent photovoltaic glass to improve the building's lighting quality for the comfort of workers.

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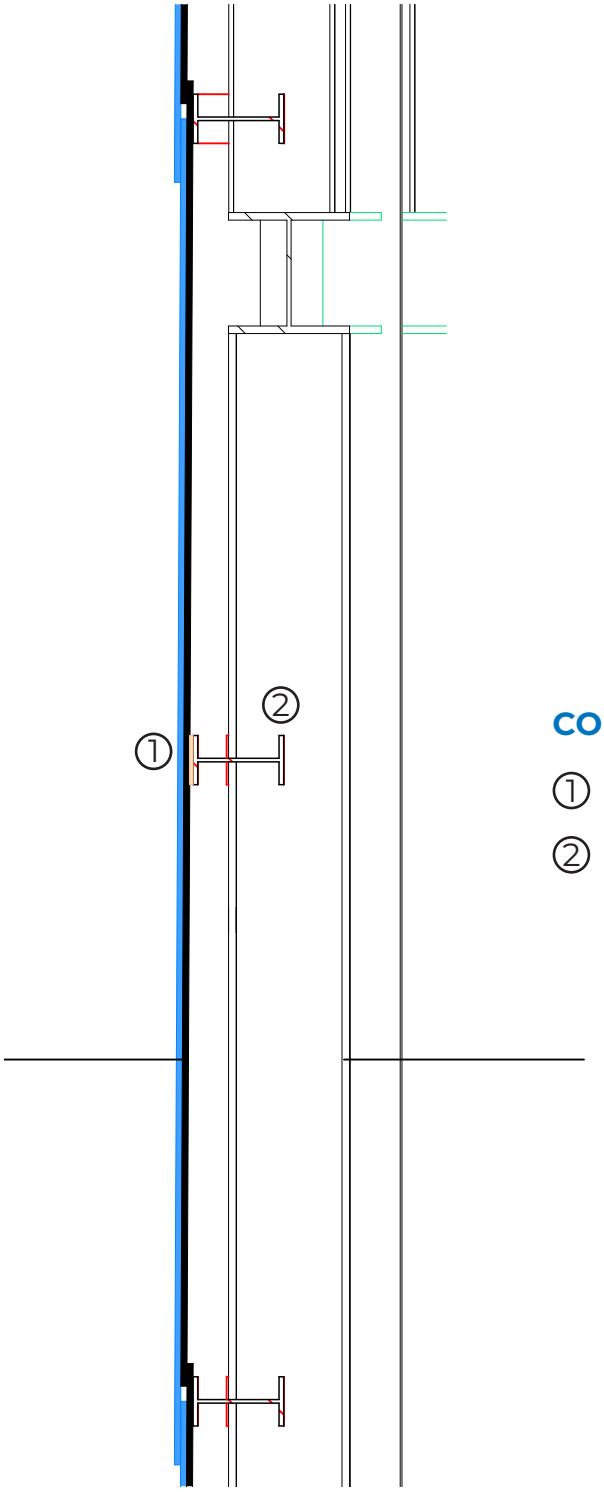
Architectural Integrated Photovoltaics

Details, Camandona
2024



COMPOSITION

① TRANSLUCENT PV PANEL

② MODULE FIXING PROFILE

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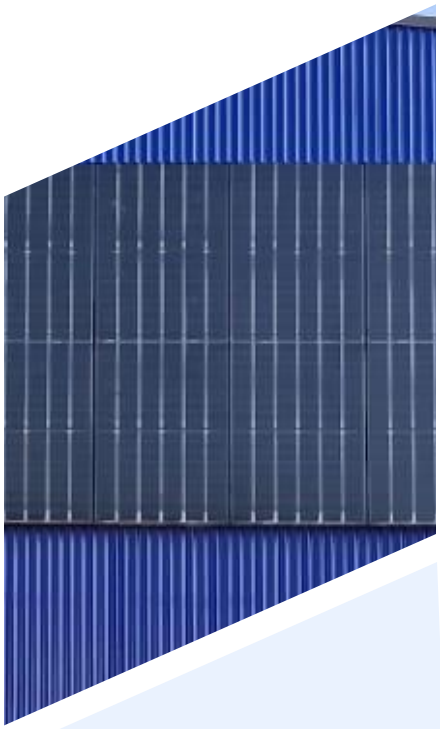
Architectural Integrated Photovoltaics

Technical, Camandona
2024

ARCHITECT
Solarwall SA

MAKING
Solarwall SA
SUBCONTRACTOR ASSEMBLY
Fatem SA

PROJECT OWNER
Camandona SA



TRANSLUCENT FACADE PV MODULES

QUANTITY	52 pcs
SURFACE	120 m^2
TECHNOLOY	Monocrystalline cells
POWER	21 kW_p
PRODUCTION	19’000 kWh/year

TRANSLUCENT ROOFING PV MODULES

QUANTIY	1040 pcs
SURFACE	2’681 m^2
TECHNOLOGY	Monocrystalline cells
POWER	424 kW_p
PRODUCTION	446’000 kWh/year

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MAKING
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SUBCONTRACTOR ASSEMBLY
Fatem SA

PROJECT OWNER
Camandona SA

STANDARD ROOFING PV MODULES

QUANTITY	627 pcs
SURFACE	1'300m²
TECHNOLOGY	Monocrystalline cells
POWER	440 kW_p

FACADE PV MODULES

QUANTITY	64 pcs
SURFACE	124 m²
TECHNOLOGY	Monocrystalline cells
POWER	30 kW_p

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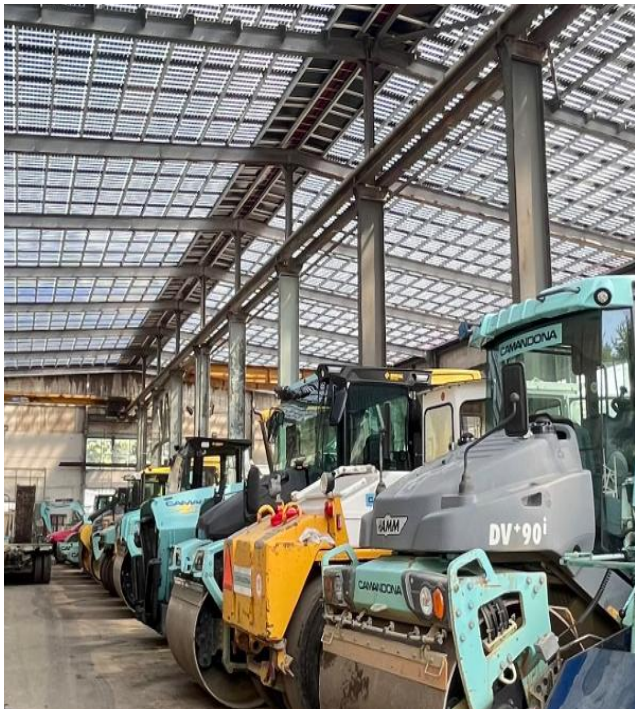
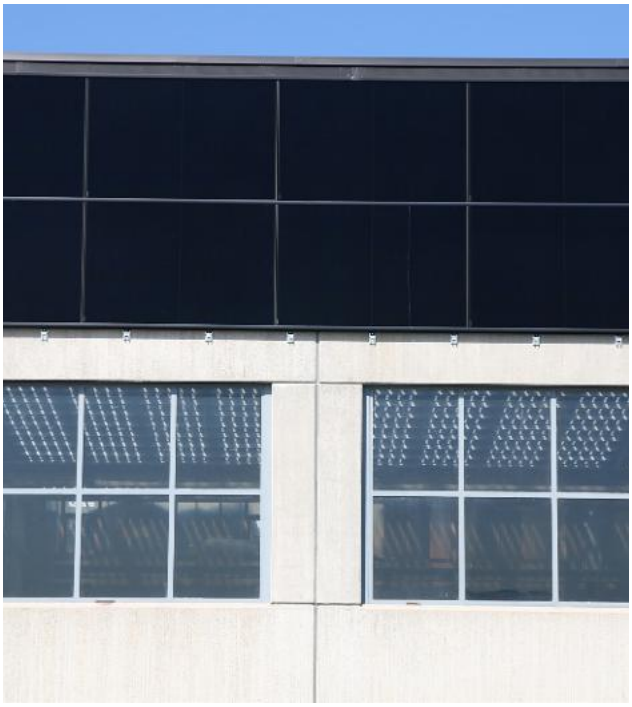
Pictures, Camandona
2024





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Reference, STEP
2024

STEP
Yverdon-les-Bains VD

2023 - 2024

Stages

STEP Renovation

Facade

Located in the town of Yverdon-les-Bains on the lakeshore, the wastewater treatment plant has undergone a modernization program. The façade has benefited from this, making it more attractive while also providing electrical efficiency.

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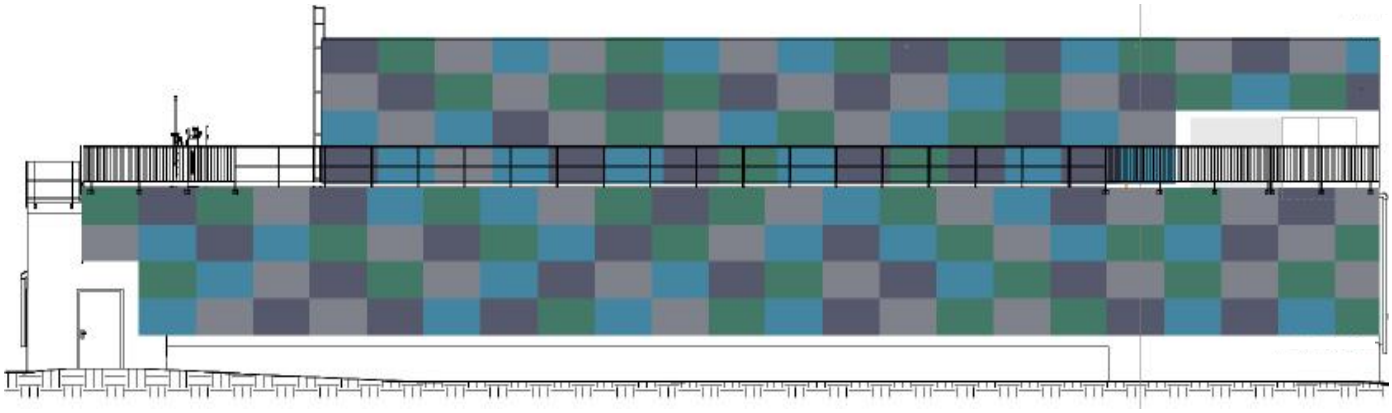
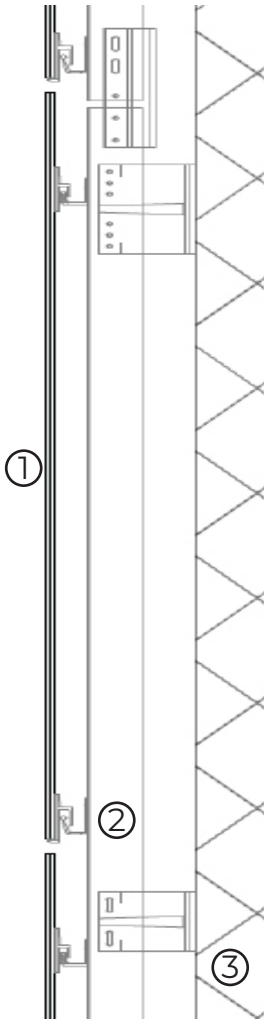
Details, STEP 2024





COMPOSITION

① COLORED PV MODULES

② MODULE FIXING PROFILE

③ EXISTING WALL

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Technique, STEP 2024

MAKING
Solarwall SA
ASSEMBLY SUBCONTRACTOR
Fatem SA

PROJECT OWNER
Ville d'Yverdon-les-Bains

COLORQUANT PV MODULES

QUANTITY	158 pcs
SURFACE	270 m^2
TECHNOLOGY	Monocrystalline cells
POWER	42 kW_p
PRODUCTION	31' 500 kWh/year

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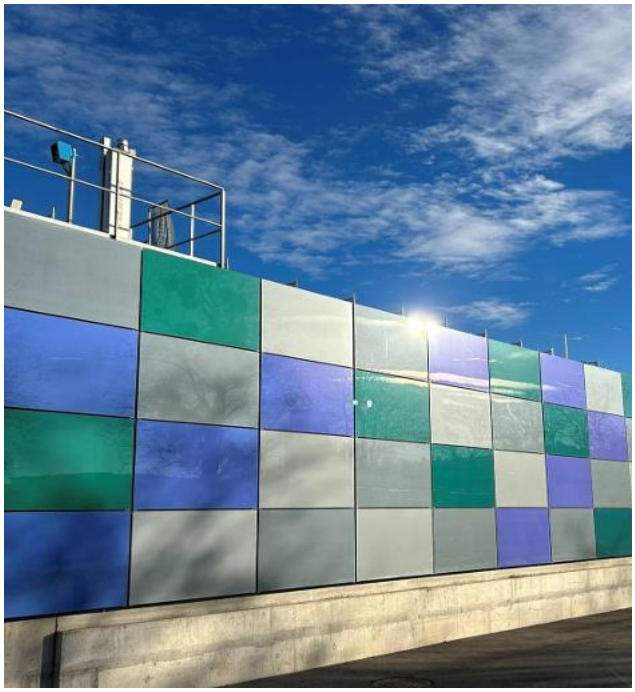
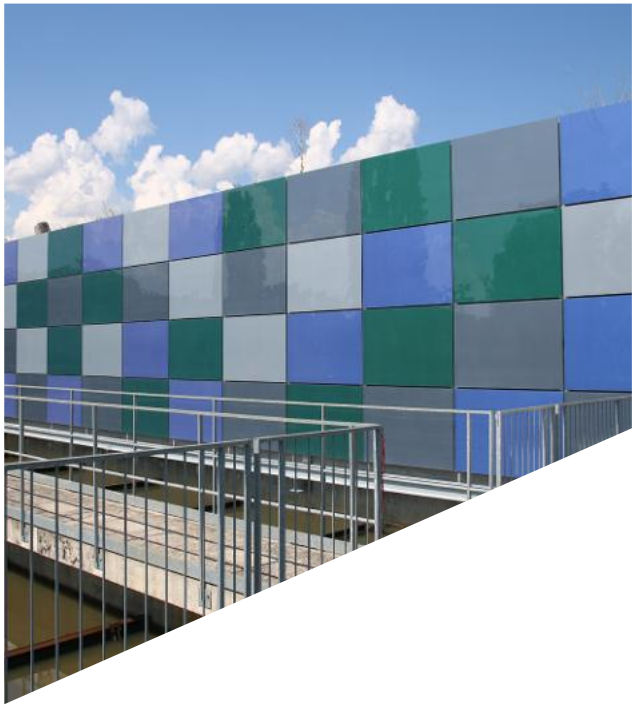
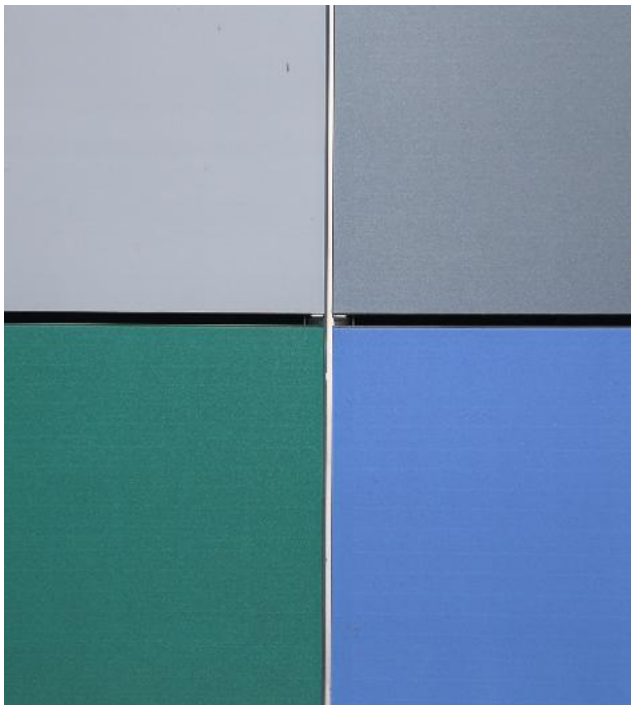
Pictures, STEP 2024







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PAV Pointe nord
Genève GE

2022

Stages

Office Renovation

Facade

Renovation and energy improvement of the facades by installing coloured photovoltaic panels in the window sills of the two main facades with a complex pattern of green and blue elements.

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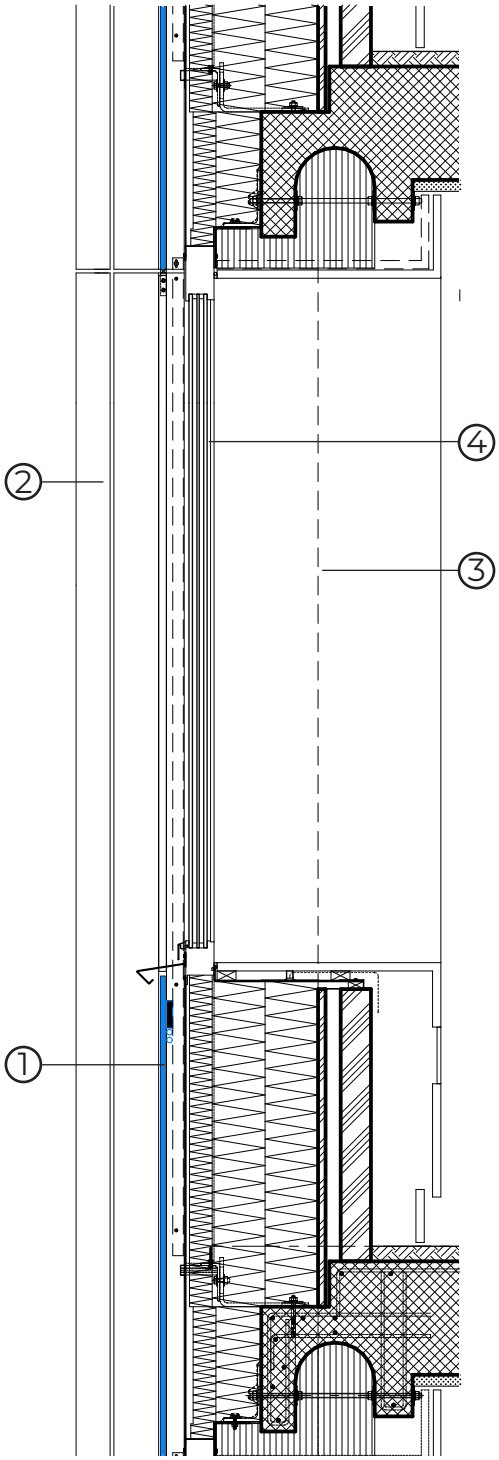
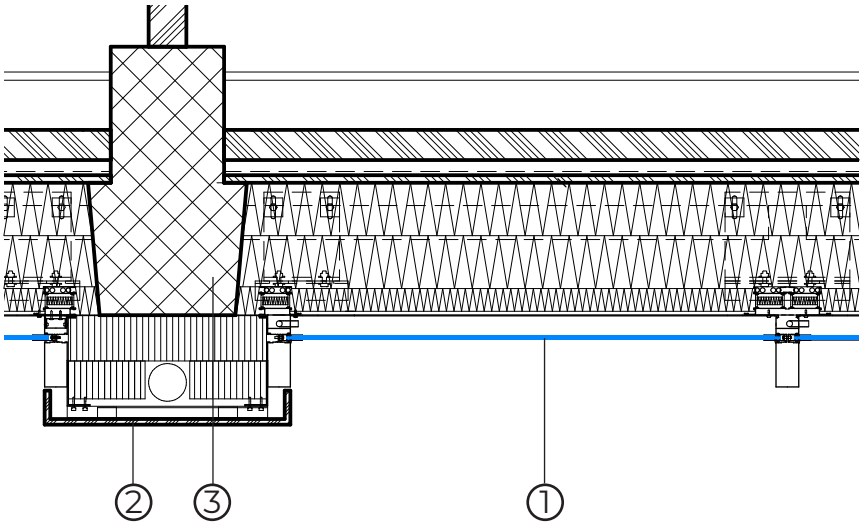
Details, PAV Pointe nord
2022





COMPOSITION

1. RF2 PV COLORED AND GLAZED WINDOW SILLS
2. UHPC COATING
3. BA COLUMN
4. ELECTROCHROMIC GLASS SAGE GLASS

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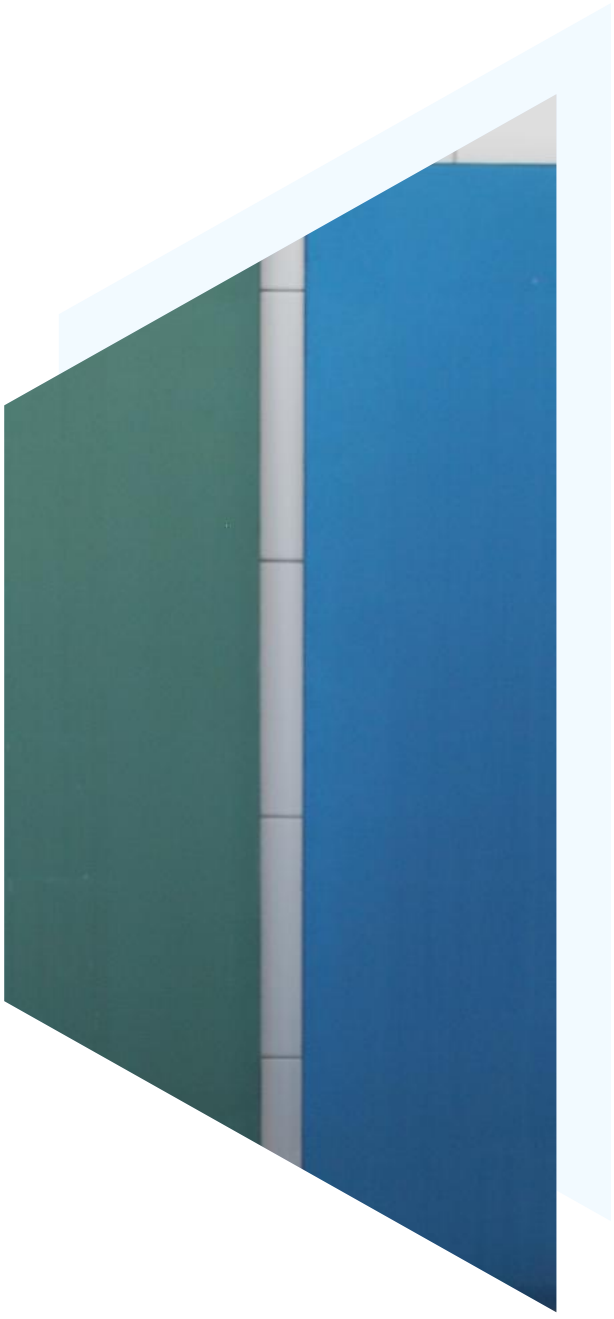
Architectural Integrated Photovoltaics

Technical, PAV pointe nord
2022

ARCHITECTS & WORK DIRECTION
François Baud & Thomas Früh
Atelier d'architecture SA

ENGINEER ELECTRICIEN
Amstein+Walthert Genève SA
METAL FACADE MAKING
Sottas SA
FACADE MAKING
Solarwall SA

PROJECT OWNER
CPEG/
Division Immobilier
M. Frédéric Perone



PV MODULES FACADE

QUANTITY	588 pcs
SURFACE	1'083 m^2
TECHNOLOGY	Monocrystalline cells
POWER	140 kW_p
PRODUCTION	70'000 kWh/year

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Architectural Integrated Photovoltaics

Pictures, PAV Pointe nord
2022

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Reference, Paroisse Saint-Marc
2023

Paroisse Saint-Marc
Lancy GE

2023

Stages

Church / Office
Housing
New

Facade

New construction with a church on the ground floor and office and residential accommodation on the upper floors. The photovoltaic panels, in shades of beige, are directly integrated into the facade cladding.

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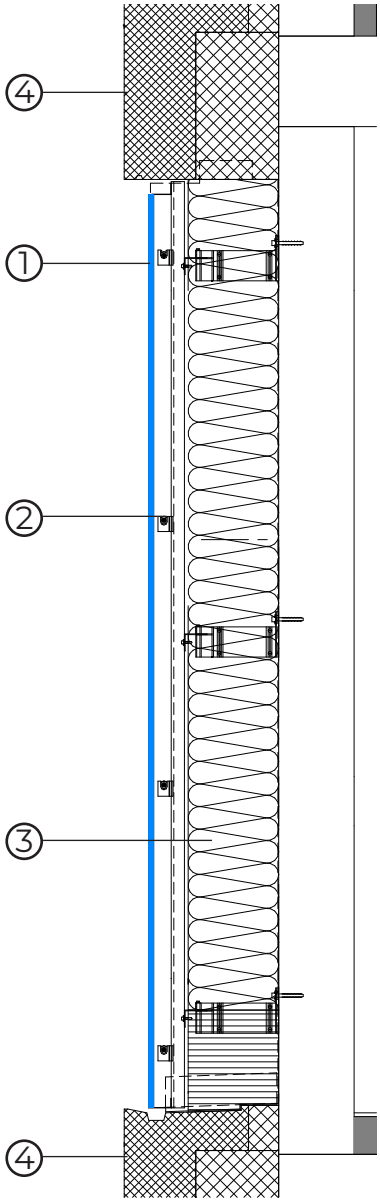
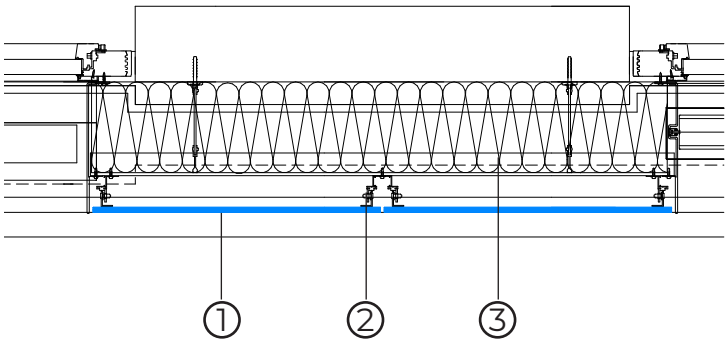
Details, Paroisse Saint-Marc
2023





COMPOSITION

1. PV PANEL FACADE
2. SUBSTRUCUTRE
3. MINERAL WOOL INSULATION
4. PREFABRICATED CONCRETE ON EACH FLOOR

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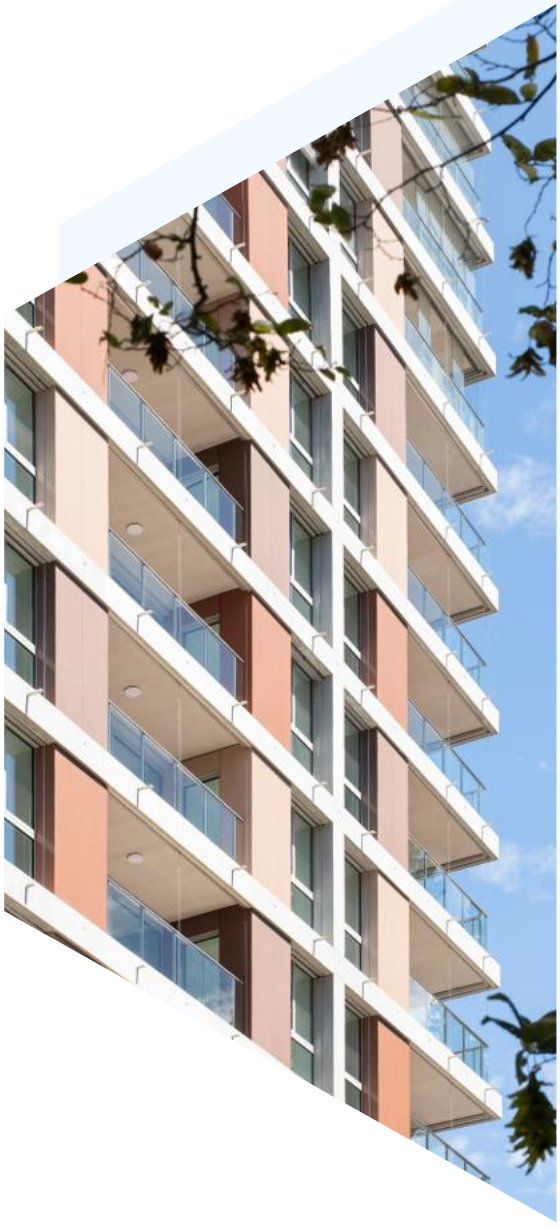
Architectural Integrated Photovoltaics

Technical, Paroisse Saint-Marc
2023

ARCHITECT
2dlc Architectes partenaires sa

FACADE MAKING
Facetec SA

PROJECT OWNER
Société catholique romaine de Saint-Marc



PV MODULES FACADE

QUANTITY	238 pces
SURFACE	440 m^2
TECHNOLOGY	Monocrystalline cells
POWER	54 kW_p
PRODUCTION	36’000 kWh/year

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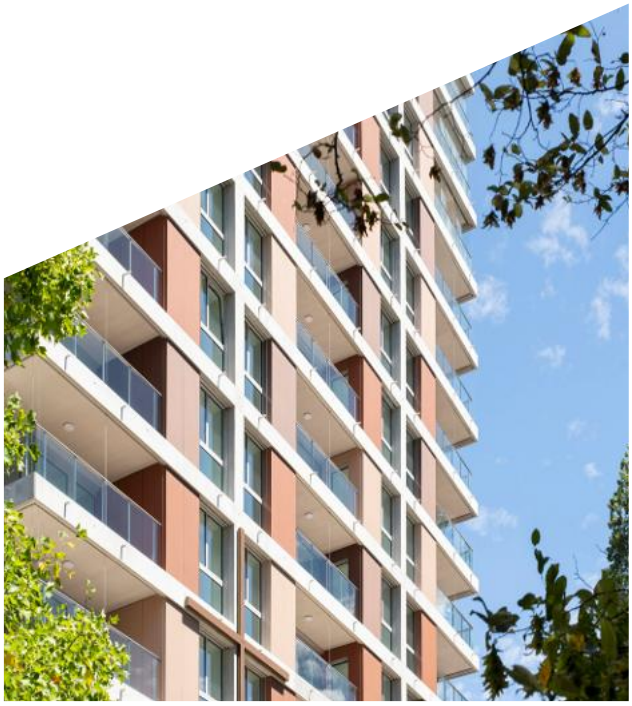
Pictures, Paroisse Saint-Marc
2023



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Architectural Integrated Photovoltaics

Reference, Simplon 25
2022

Simplon 25
Lausanne VD

2022

Stages

Offices
Renovation

Facade

Renovation of the extension to the historic building on rue du Simplon 25 by proposing acoustic, climatic and energy improvements by replacing the window sills on the south and east facades with coloured photovoltaic modules, designed to fit into the existing framework.

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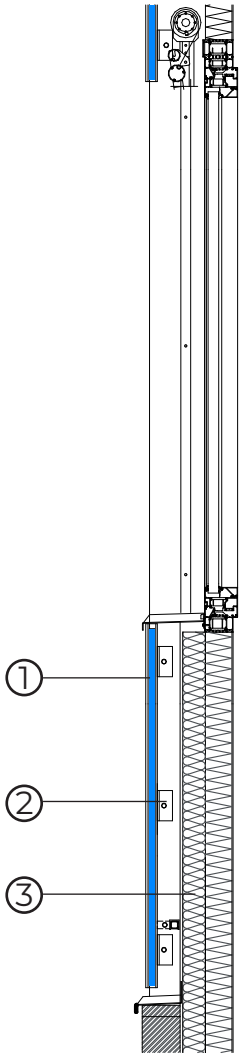

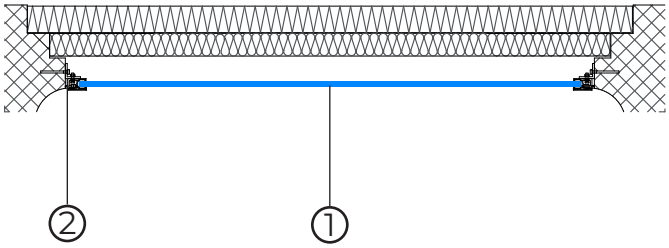

COMPOSITION

① OPAQUE COLOURED PV PANEL WINDOW SILLS

② U-SHAPED METAL BRACKET

③ ROCK WOOLINSULATION ON EXISTING INSULATION

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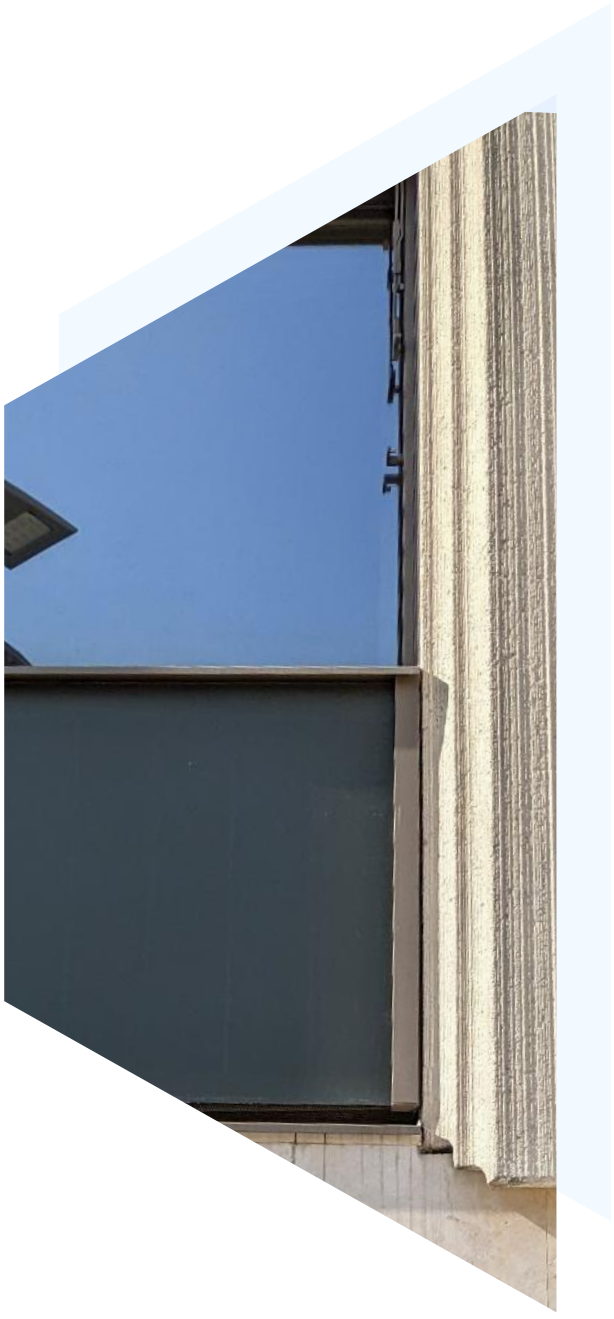
Technique, Simplon 25
2022

ARCHITECTS
Blaise JUNOD Architecte
c/o AC Atelier Commun SA
Atelier Florent Prisse Sàrl

FACADE MAKING
Morigi SA

PROJECT OWNER
Pierre Lavie
c/o Logistable



PV MODULES FACADE

QUANTITY	65 pcs
SURFACE	105 m^2
TECHNOLOGY	Monocrystalline cells
POWER	320 / 240 / 120 W_p

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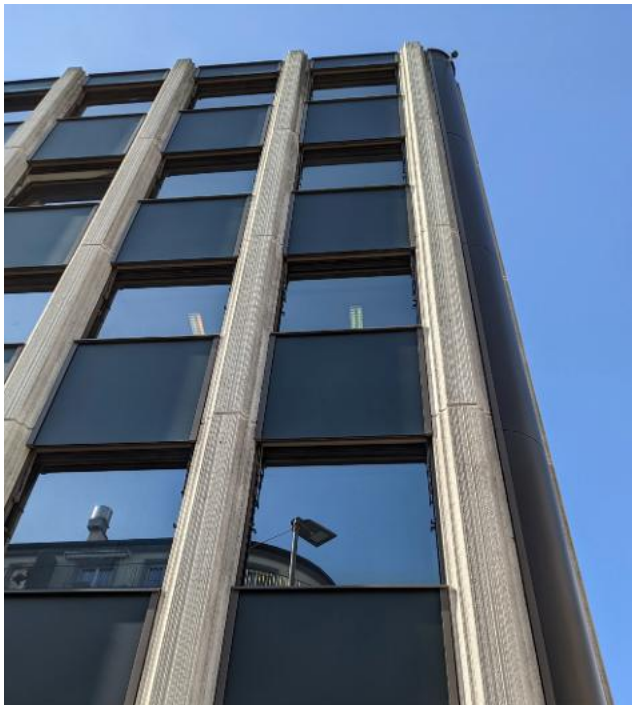
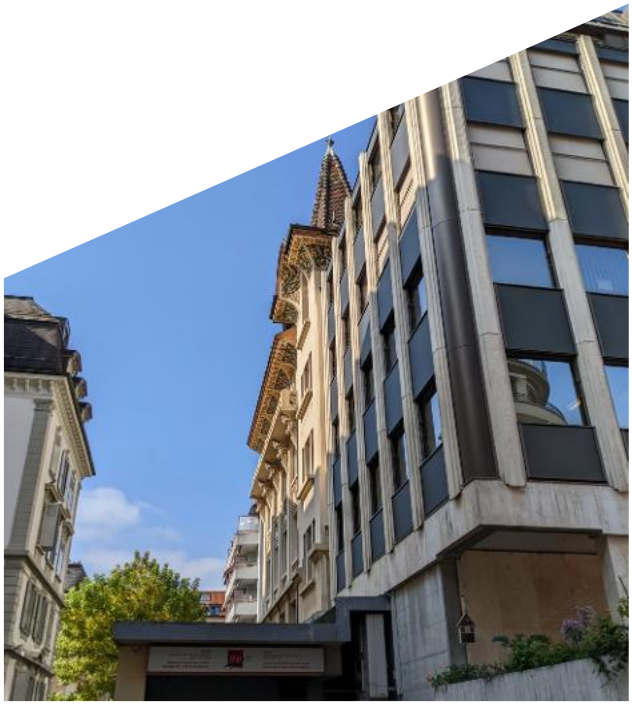
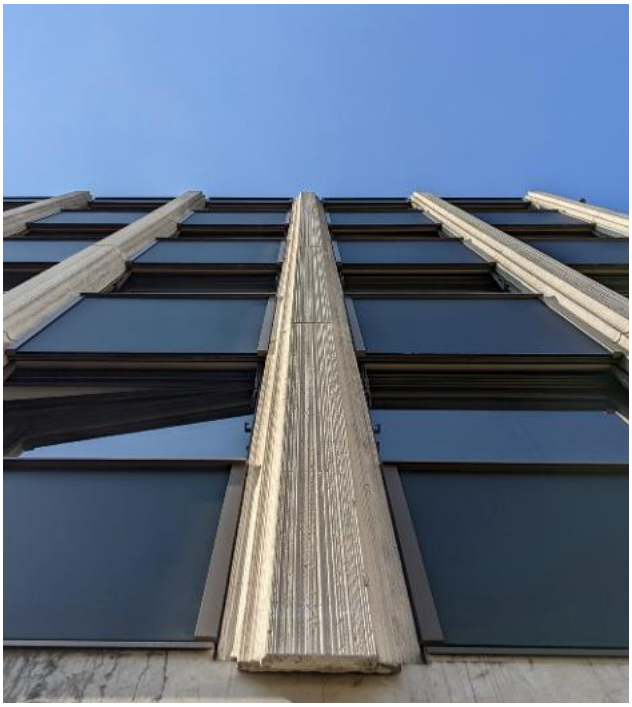
Pictures, Simplon 25
2022







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Reference, DATA Center EPFL
September 2021

DATA Center EPFL
Ecublens VD

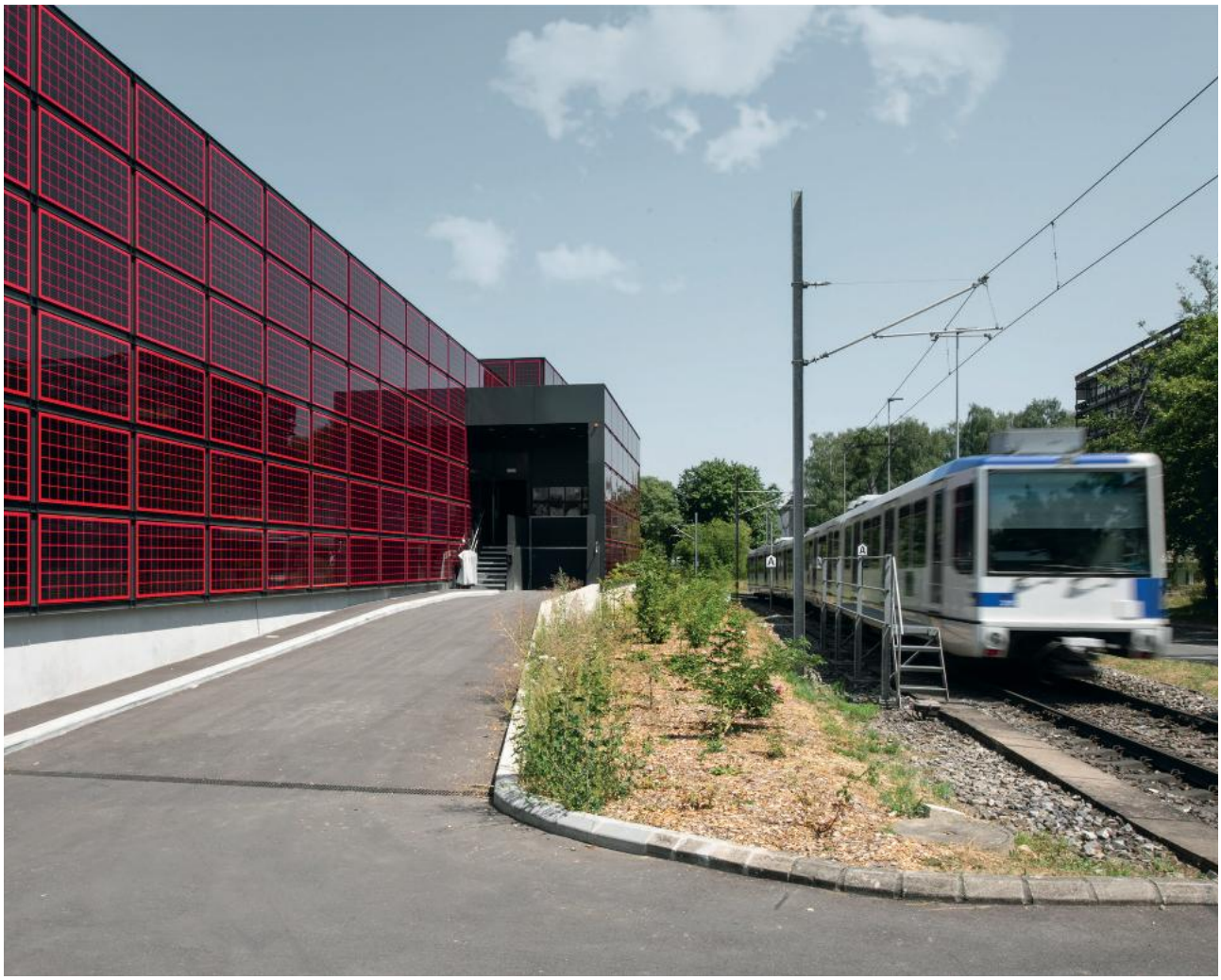
September 2021

Stages

Universiy Renovation

Facade

Renovation-transformation of the EPFL heating station and creation of a data centre. The new building reflects the transition to non-fossil fuels. Photovoltaic modules in the facade and roofing supply the interior installations with electricity.



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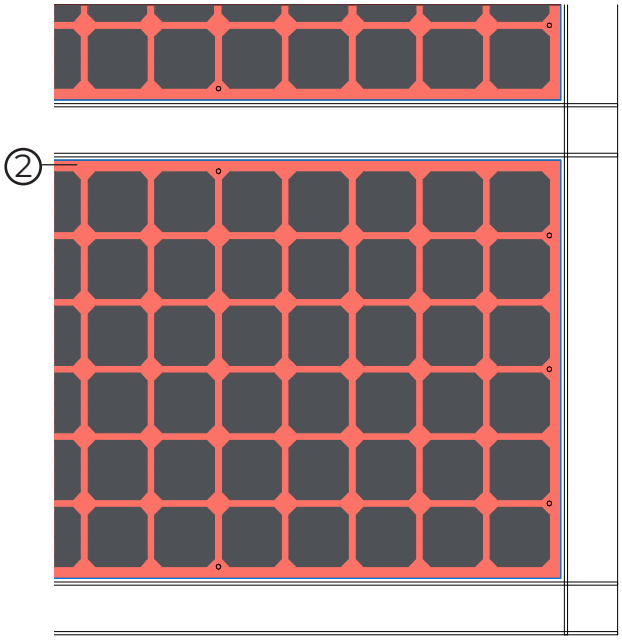
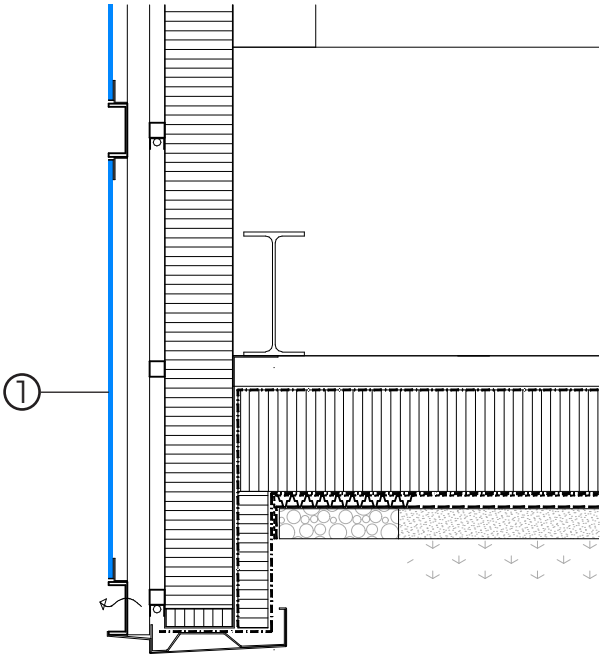
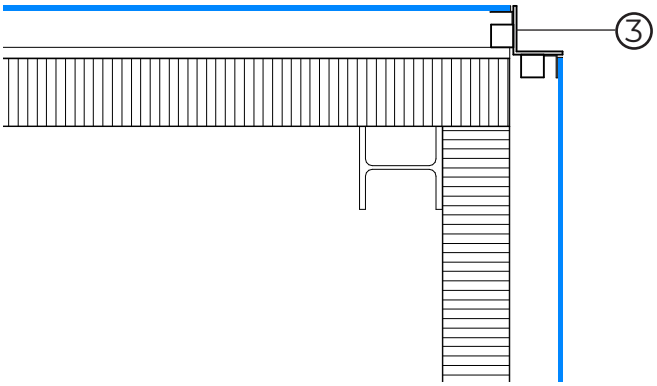
Details, DATA Center EPFL
September 2021







COMPOSITION

① FACADE PV PANEL

② RED SILK-SCREEN PRINTING ON SIDE 3

③ METAL ASSEMBLY SYSTEM

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Architectural Integrated Photovoltaics

Technical, DATA Center EPFL
Septembre 2021

ARCHITECT
Architram architecture et urbanisme sa

FACADE MAKING
Bouygues E&S InTec Suisse SA Division commerciale Helion

PROJECT OWNER
École Polytechnique de Lausanne

PV MODULES FACADE

QUANTITY	607 pcs
SURFACE	1370 m^2 / 1330 m^2 active
TECHNOLOGY	Monocrystalline cells
POWER	200 kW_p
PRODUCTION	90'000 kWh/year

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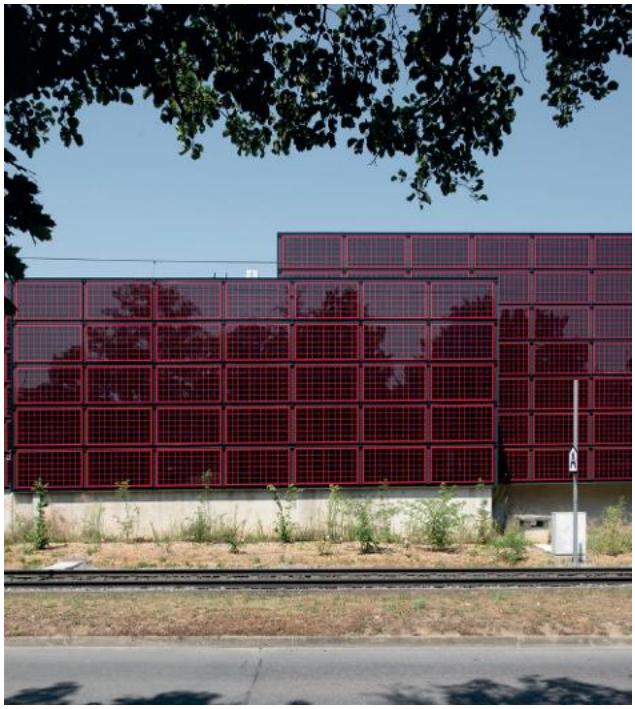
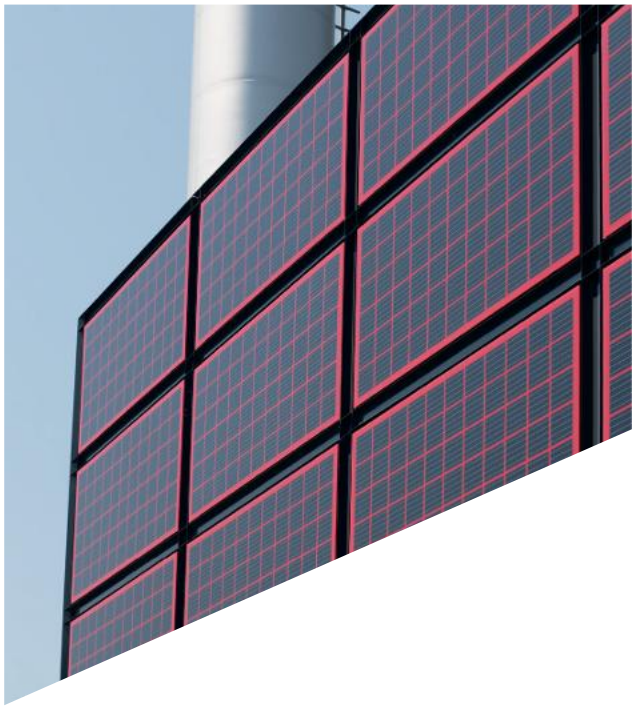
Pictures, DATA Center EPFL
Septembre 2021





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Architectural Integrated Photovoltaics

Reference, AISA SA
2020

AISA Automation Industrielle SA
Vouvry VD

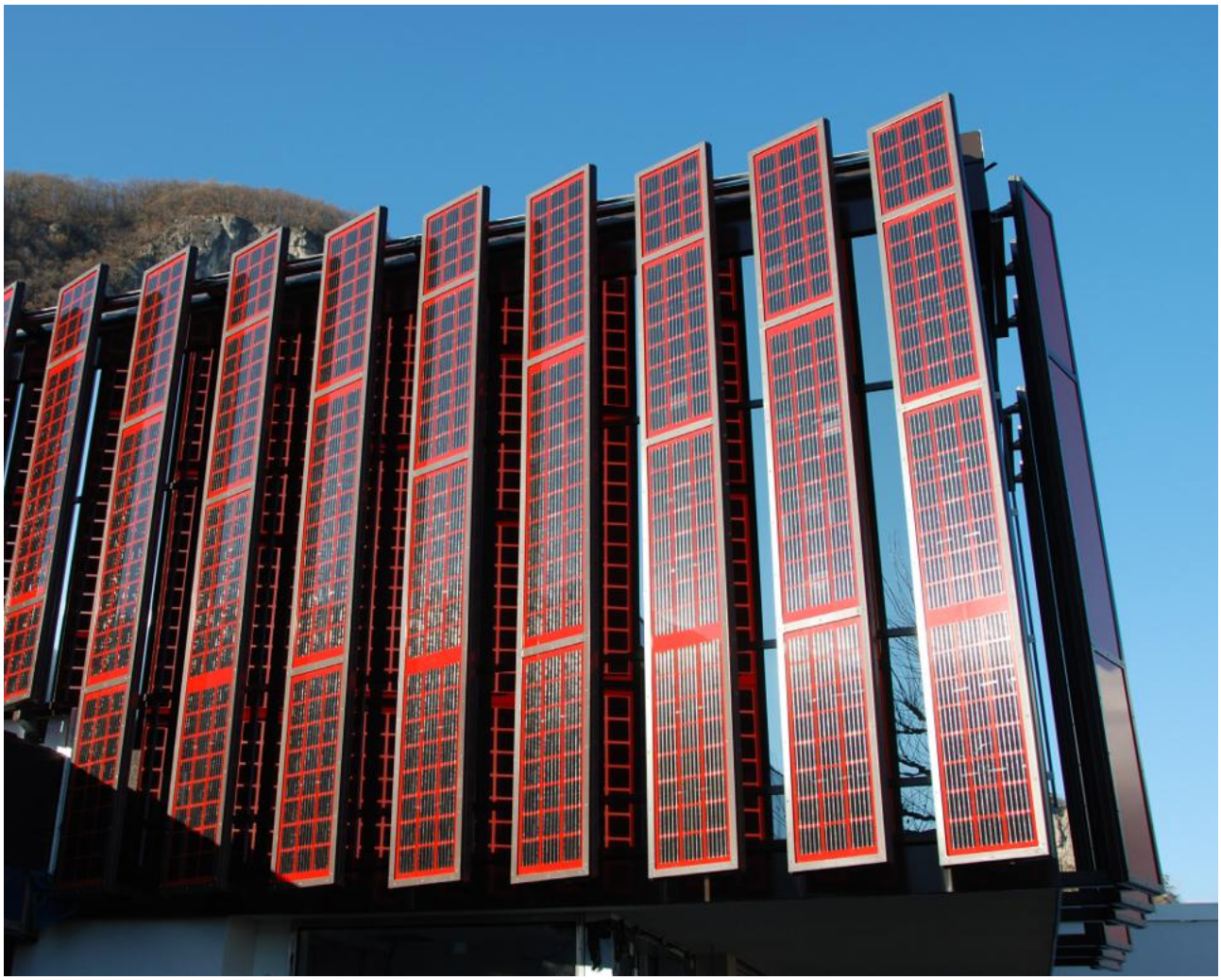
2020

Stages

Extention Bureau

Facade

The coloured photovoltaic elements are supported by a metal frame that extends the full height of the facade and is attached to the building by an upper and a lower bracket.



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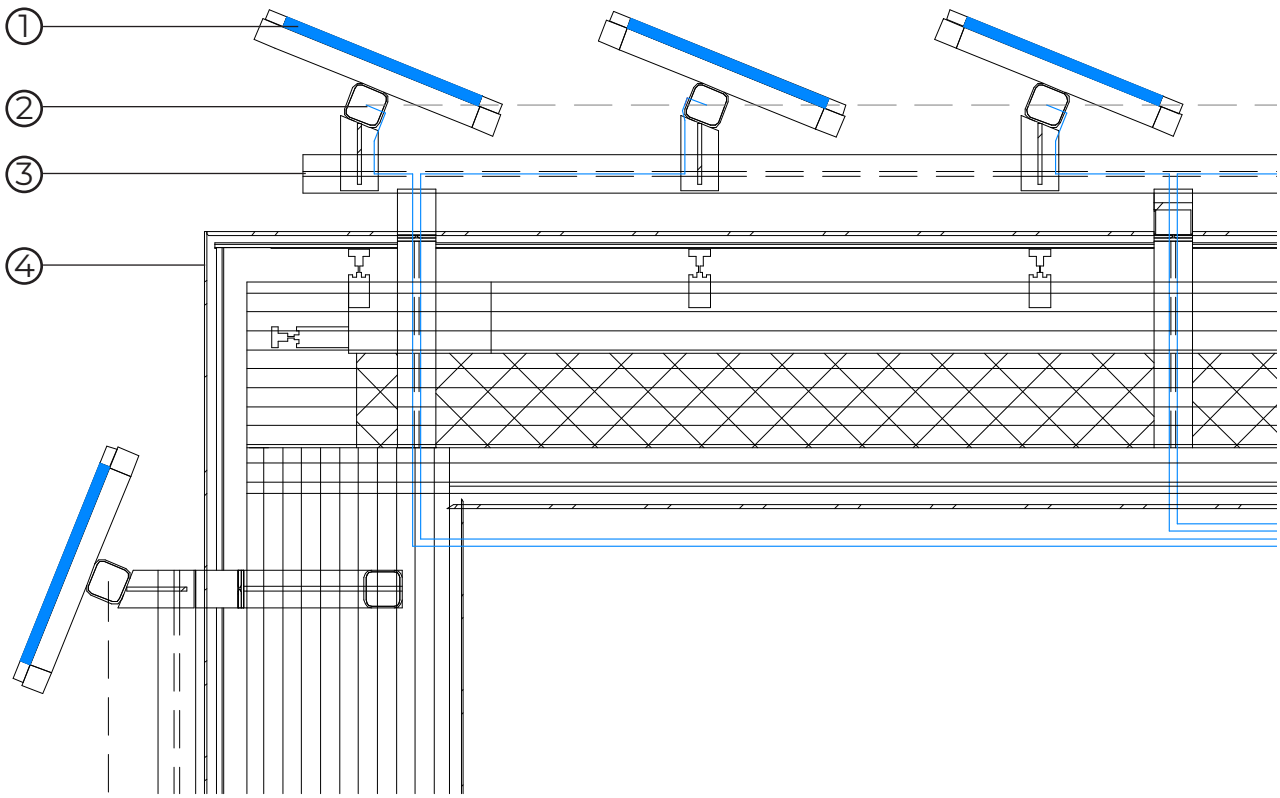
Details, AISA SA
2020



COMPOSITION

1. FACADE PV PANEL
2. CONNECTING PIECE - CABLE OUTLET
3. HEA SUSPENSION STRUCTURE
4. CURTAIN WALL - METAL/GLASS

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Architectural Integrated Photovoltaics

Technical, AISA SA
2020

ARCHITECT
Jean-Daniel Berset
Ingénieurs-Conseil SA

FACADE MAKING
Morand Constructions
Métalliques SA

PROJECT OWNER
Aisa SA, Vouvry

PV MODULES FACADE SHUTTERS

QUANTITY	47 pcs
SURFACE	48 m^2
TECHNOLOGY	Monocrystalline cells
POWER	5,8 kW_p
PRODUCTION	8'500 kW/year

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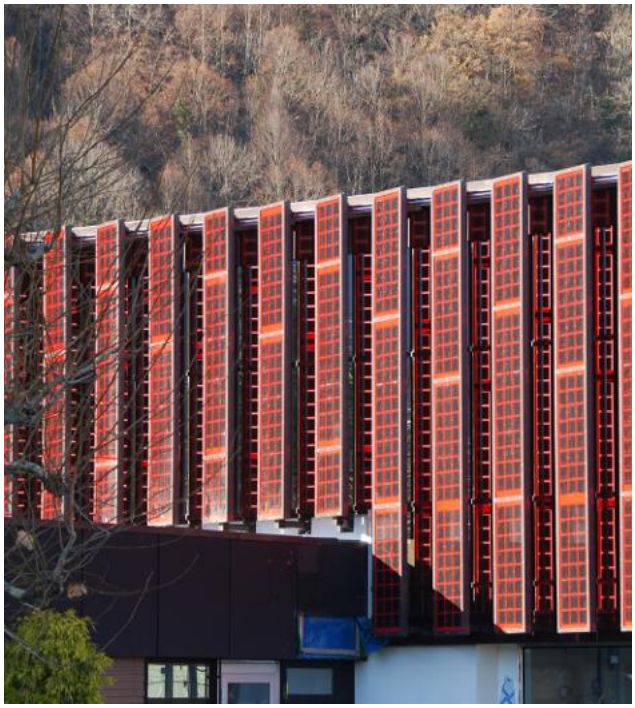
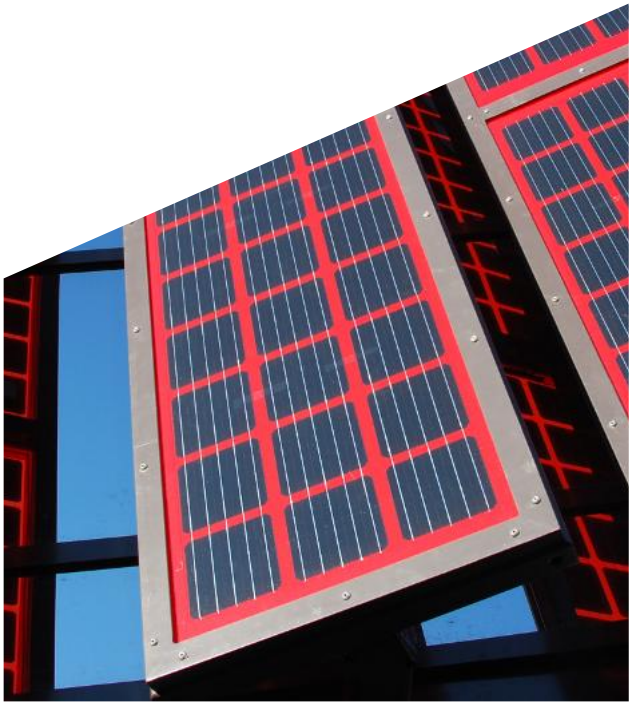
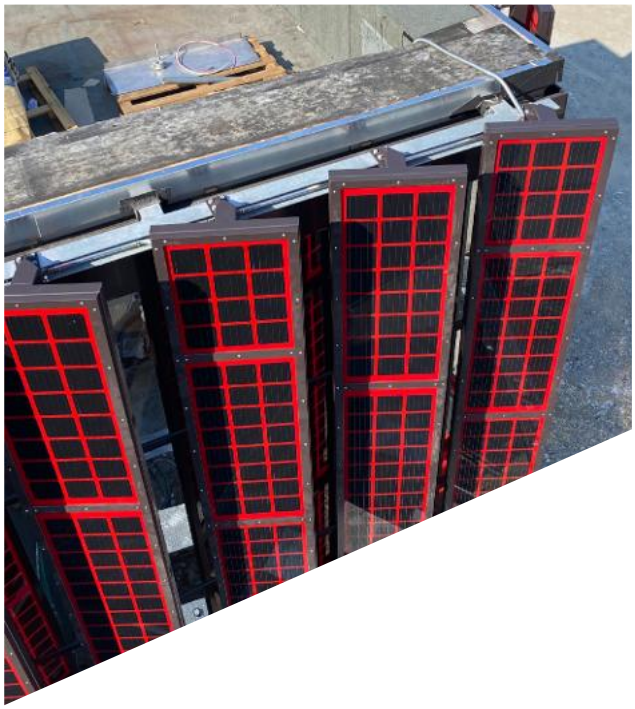
Pictures, AISA SA
2020







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Architectural Integrated Photovoltaics

Reference, Collège de Cocagne
2020

Collège de Cocagne
Bussigny VD

2020

Stages | School Renovation | Facade

The Cocagne elementary school, built around 1990, had a bay window on the south facade, which had the advantage of providing a lot of light but the temperature inside would rise to an uncomfortable level. The façade was therefore covered with semi-transparent solar panels.

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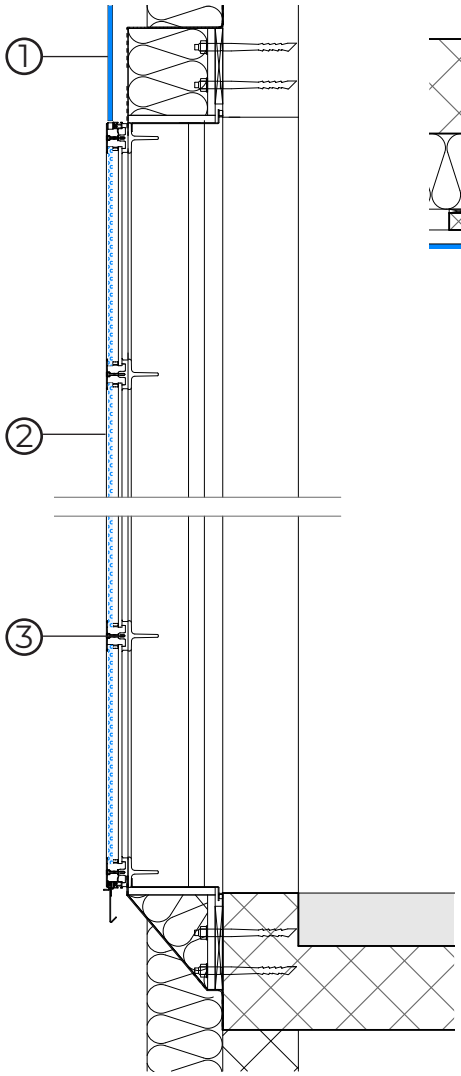
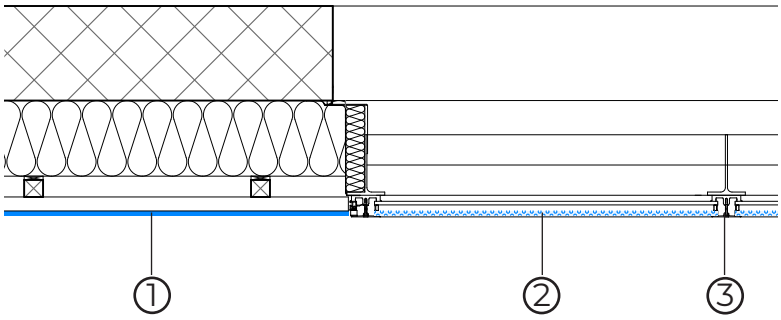
Architectural Integrated Photovoltaics

Details, Collège de Cocagne
2020





COMPOSITION

1. OPAQUE PV PANEL
2. SEMI-TRANSPARENT PV CANOPY
3. METAL STRUCTURE

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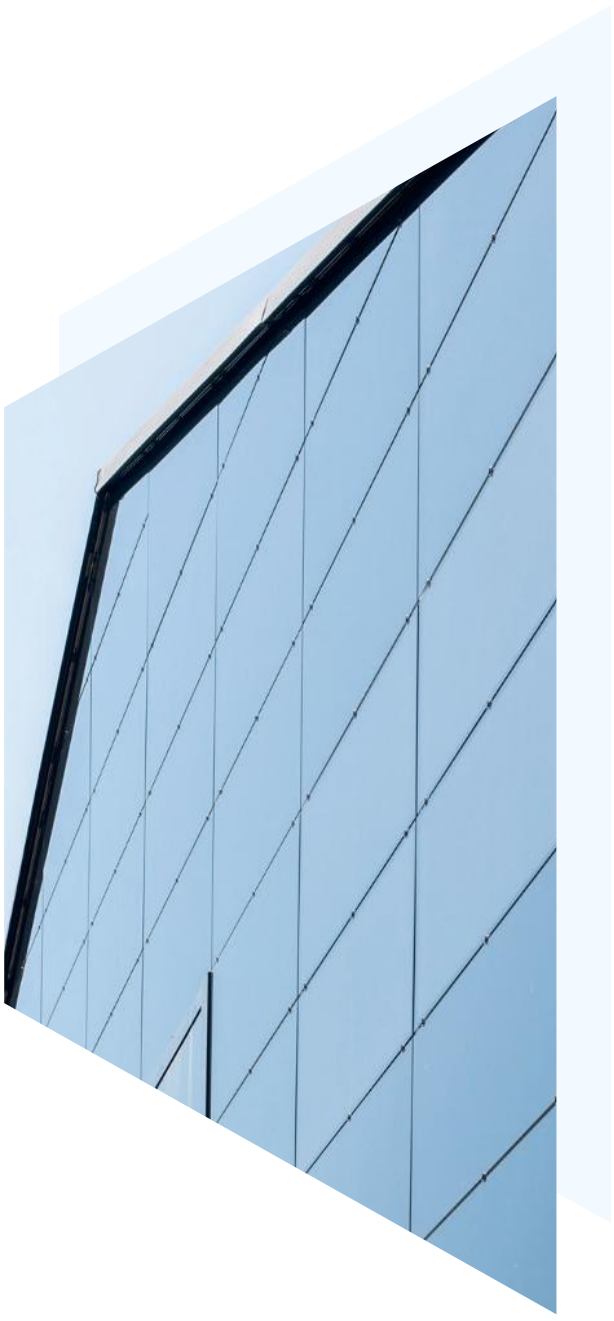
Architectural Integrated Photovoltaics

Technical, Collège de Cocagne
2020

ARCHITECT
MGM architectes + ingénieurs civils associés SA

FACADE MAKING
Morigi SA

PROJECT OWNER
Commune de Bussigny



PV MODULES FACADE

QUANTITY	185 pcs
SURFACE	135 m^2 / 129 m^2 active
TECHNOLOGY	CIGS opaque/ CIGS semi-transparent
POWER	10 kW_p
PRODUCTION	6'000 kWh/year

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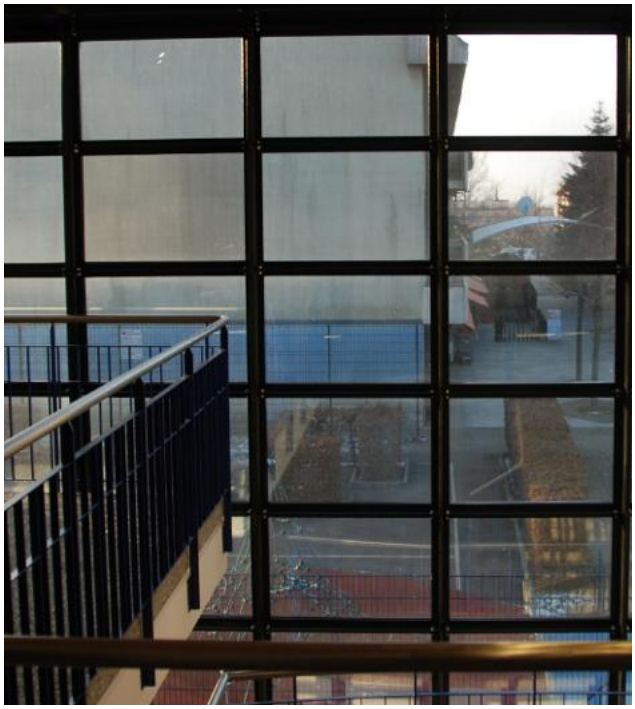
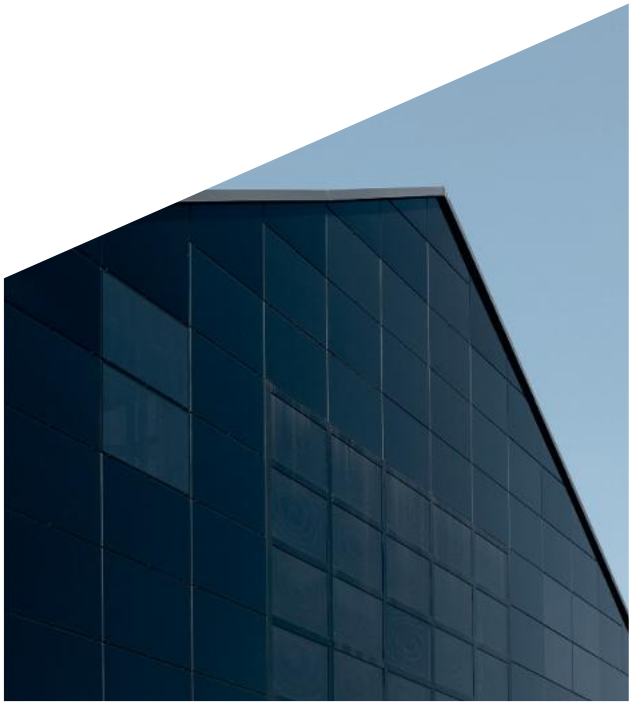
Pictures, Collège de Cocagne
2020





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Solarwall

Architectural Integrated Photovoltaics

Reference, Silo Bleu
February 2019

Silo Bleu
Renens VD

February 2019

Stages | Housing New | Facade | Roofing

A striking fourteen-storey residential building with four solar facades made of photovoltaic cells and a PV pergola on the roof. It reinterprets the theme of the city's historic silo to meet the need for housing.

Winner of a Swiss Solar Prize 2019 in the category
«New buildings»

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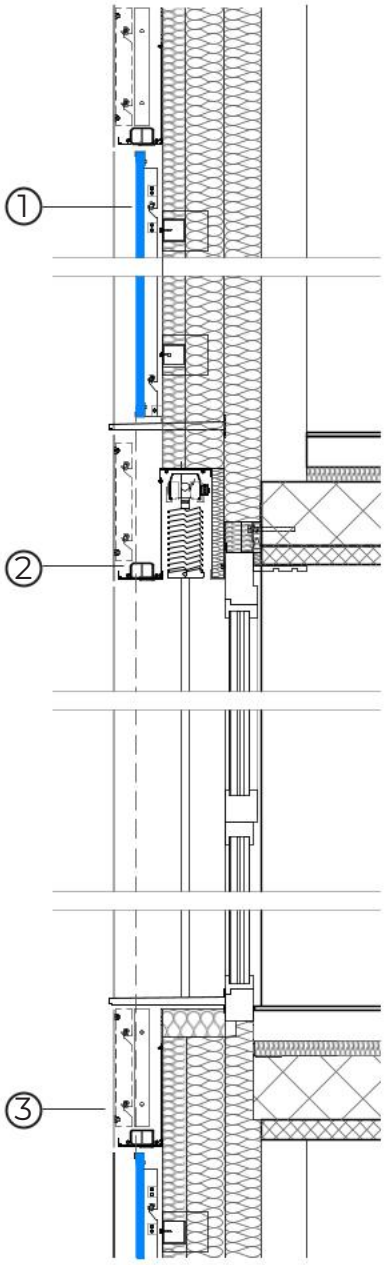
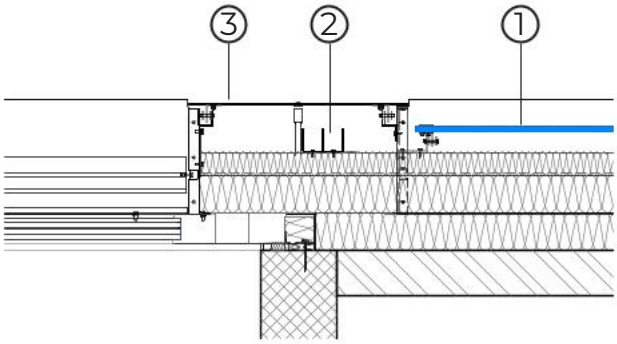
Architectural Integrated Photovoltaics

Details, Silo Bleu
February 2019





COMPOSITION

1. MONOCRYSTALLINE PV PANEL
2. CABLE TRAY FOR PV
3. ALUMINIUM COATING SHEET

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Architectural Integrated Photovoltaics

Technical, Silo Bleu
February 2019

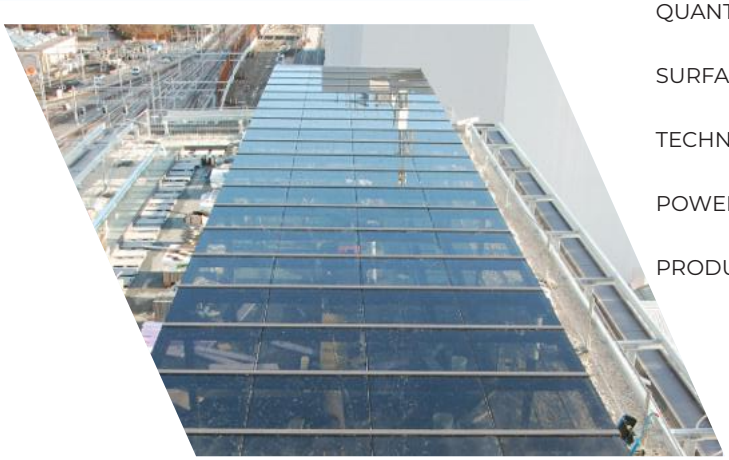
ARCHITECT
Epure Architecture et Urbanisme SA
GENERAL CONTRACTOR
EDIFEA SA

FACADE ENGINEER
BCS SA
FACADE MAKING
PROGIN SA METAL

PROJECT OWNER
Proxiland Real Estate SA pour Basellandschaftliche Pensionskasse

PV MODULES FACADE

QUANTITY	427 pcs
SURFACE	1207 m^2 / 787 m^2 active
TECHNOLOGY	Monocrystalline cells
POWER	132 kW_p
PRODUCTION	62'500 kWh/year



PV MODULES ROOF PERGOLA

QUANTITY	96 pcs
SURFACE	135 m^2
TECHNOLOGY	CIGS semi-transparent
POWER	9,2 kW_p
PRODUCTION	9'000 kWh/year

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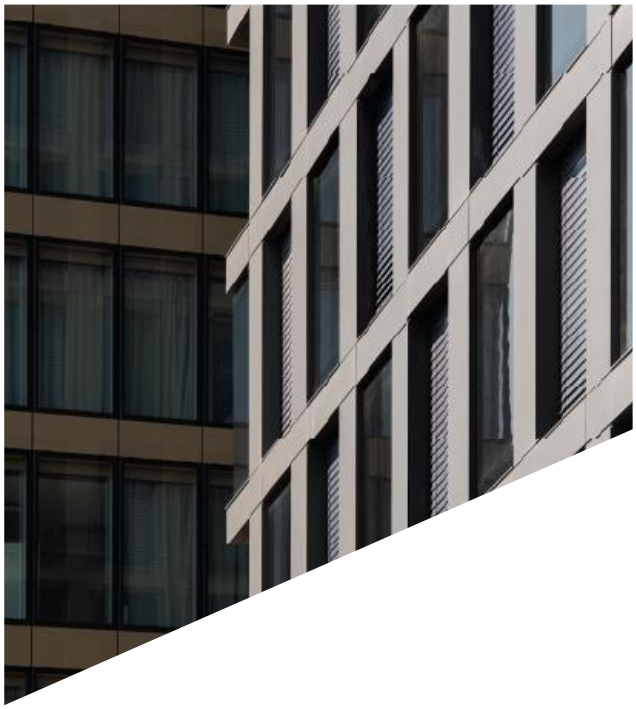
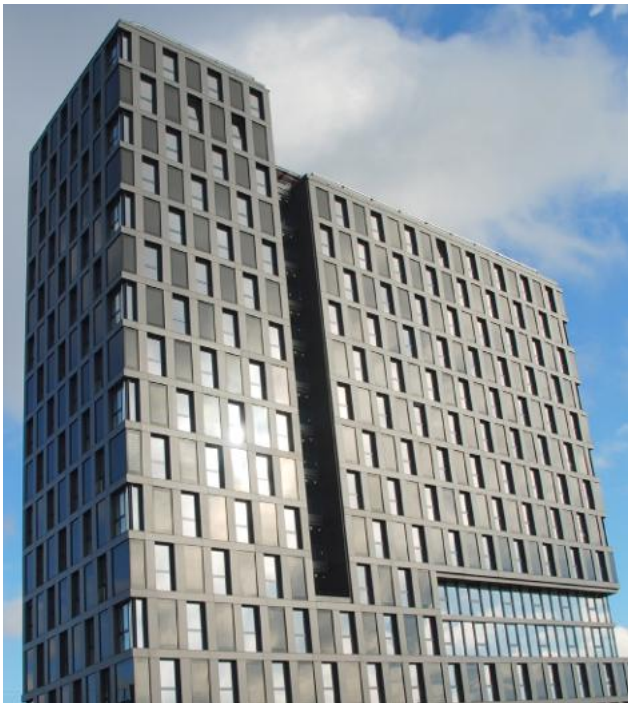
Pictures, Silo Bleu
February 2019





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Architectural Integrated Photovoltaics

Reference, Kantonalpolizei Chur
2024

Kantonalpolizei Chur
Chur GR

2024

Stages

Administrative
New

Facade

Roofing

Photovoltaic sunshades for the facade of the Chur Cantonal Police Headquarters. Custom-made mounting system allowing installation of elements on various planes and inclinations.

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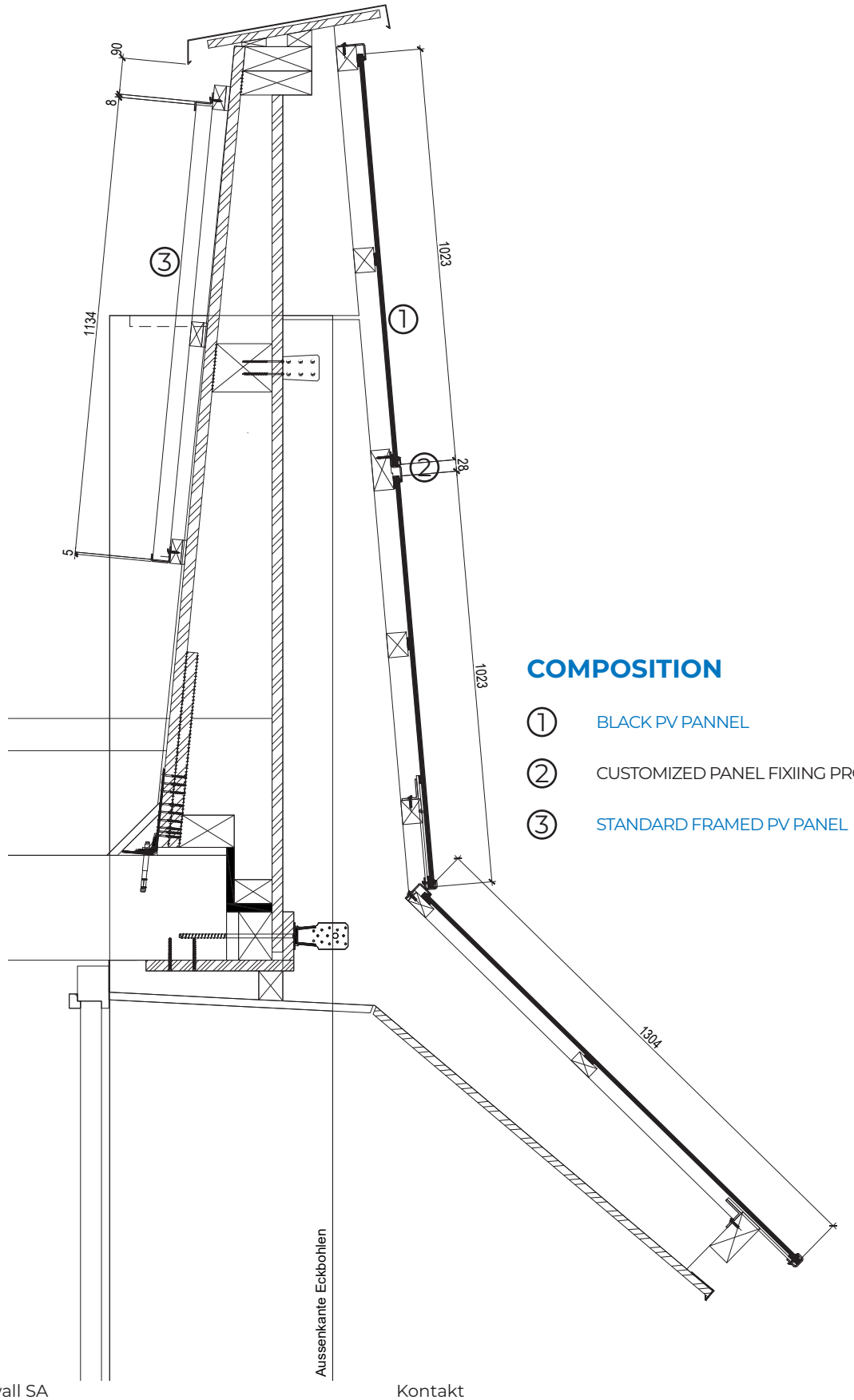
Architectural Integrated Photovoltaics

Details, Kantonalpolizei Chur
2024



COMPOSITION

① BLACK PV PANNEL

② CUSTOMIZED PANEL FIXIING PROFILE

③ STANDARD FRAMED PV PANEL

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Architectural Integrated Photovoltaics

Technical, Kantonalpolizei Chur
2024

ARCHITECT
Comamala Ismail Architectes

MAKING
Solarwall SA
ASSEMBLY SUBCONTRACTOR
Fatem SA / EK Constructions

PROJECT OWNER
Hochbauamt Graubünden

PV MODULES FACADE

QUANTITY	216 pcs
SURFACE	669 m^2
TECHNOLOGY	Monocrystalline cells
POWER	115 kW_p
PRODUCTION	84’018 kWh/year

PV MODULES ACROTÈRE / ROOF

QUANTITY	26 pcs / 72 pcs
SURFACE	50 m^2 / 141 m^2
TECHNOLOGY	Monocrystalline cells
POWER	11 kW_p / 32 kW_p
PRODUCTION	9,3 MWh/year / 30,6 MWh/year

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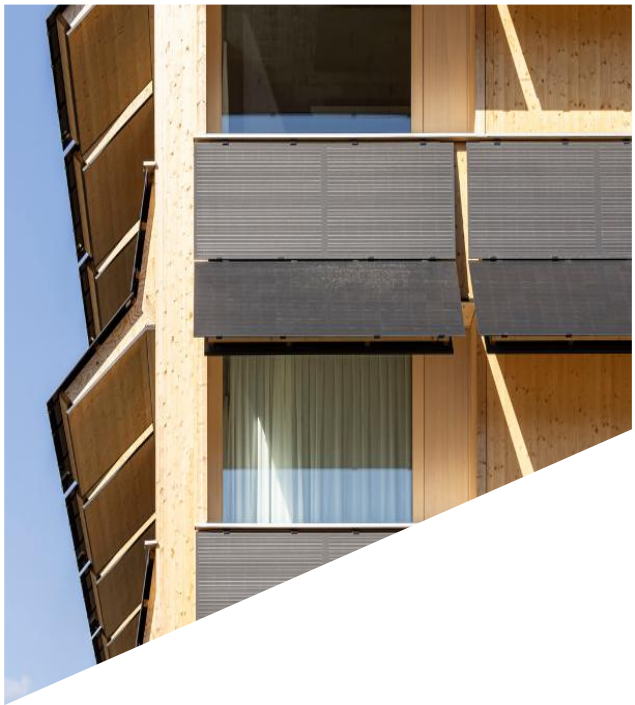
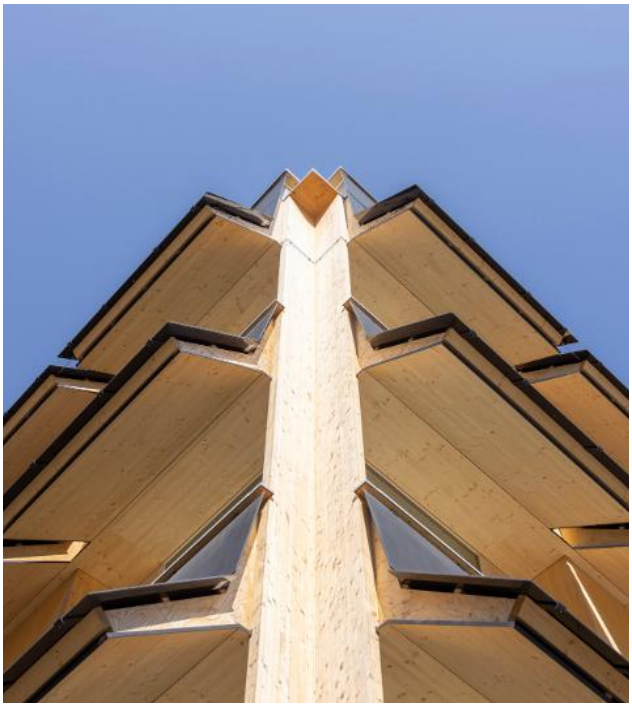
Architectural Integrated Photovoltaics

Pictures, Kantonalpolizei Chur
2024





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Solarwall

Architectural Integrated Photovoltaics

Reference, UniMail
Mai 2021

UniMail
Neuchâtel NE

Mai 2021

Stages | Universiy Transformation | Facade | Roofing

Transformation of the UniMail university building and replacement of the marble slabs on its facade with photovoltaic modules (Animalerie), combined with the integration of frameless modules on the facades of the main building.

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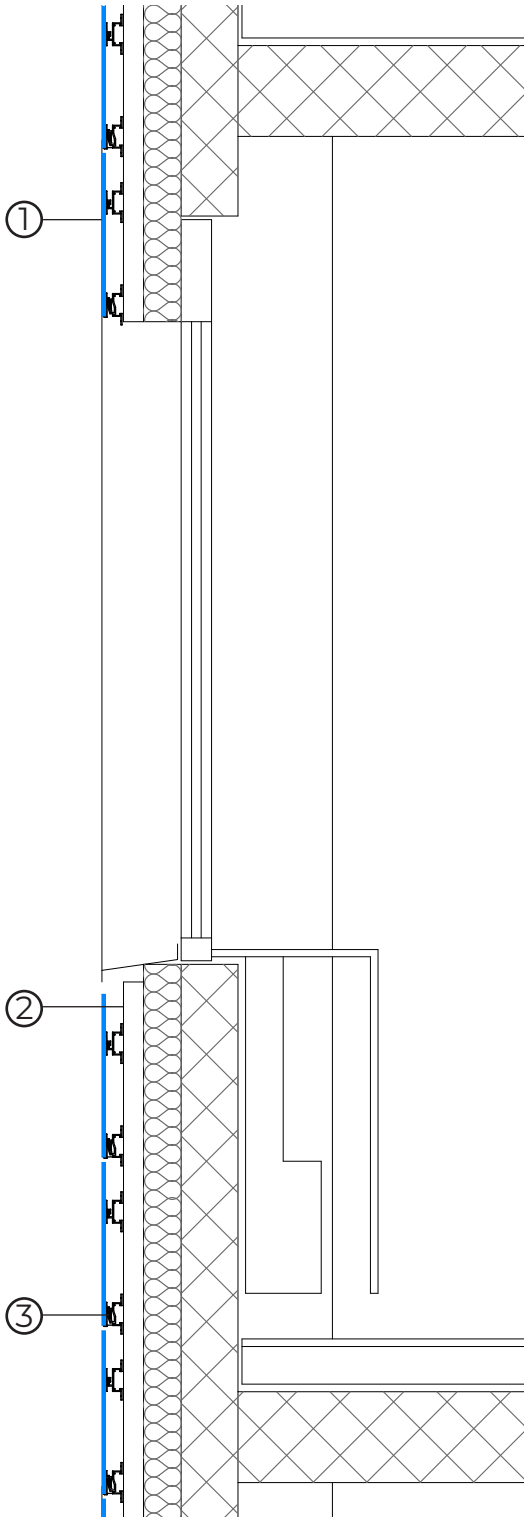
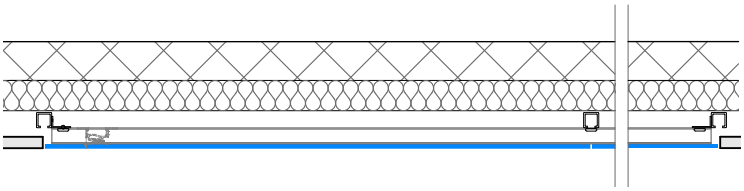
Details, UniMail
Mai 2021





COMPOSITION

① FACADE PV PANEL

② METAL BRACKET

③ PV SUBSTRUCTURE

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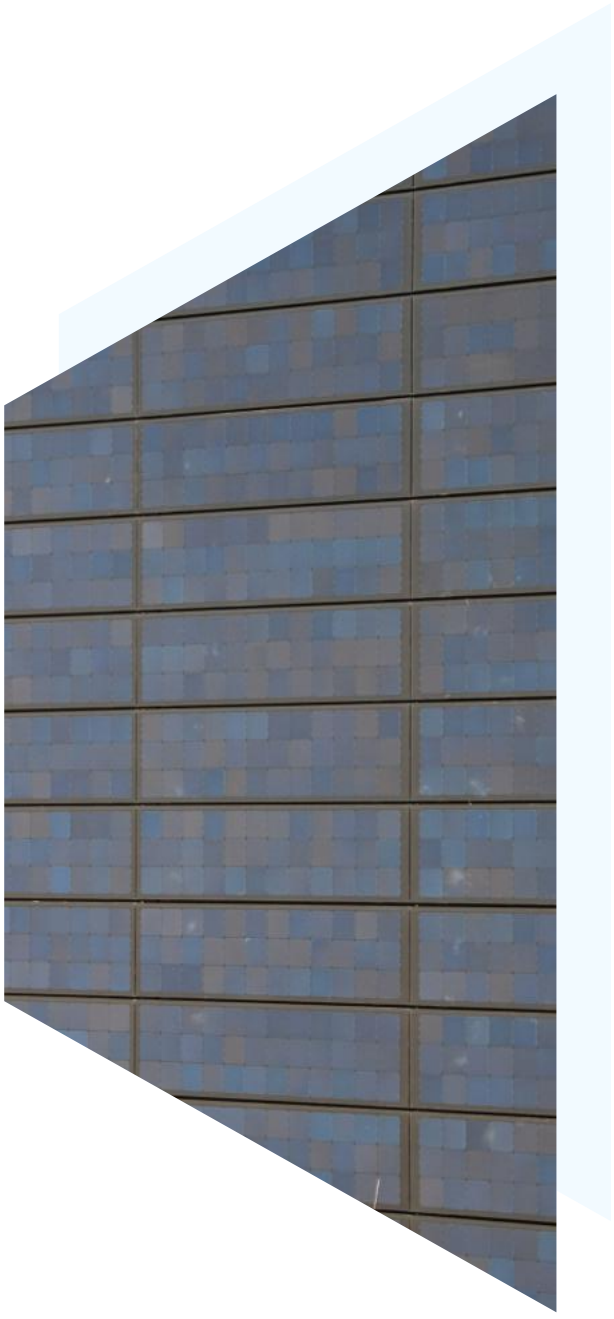
Architectural Integrated Photovoltaics

Technique, UniMail
Mai 2021

ENGINEER & MANAGEMENT OF WORKS
Masai Conseils SA

FACADE MAKING
Solstis SA / Fatem SA
PV PANELS AND SUBSTRUCTURE
Solarwall SA

PROJECT OWNER
Service des bâtiments
Canton de Neuchâtel



PV MODULE FACADE

QUANTITY	1'520 pcs
SURFACE	910 m^2
TECHNOLOGY	Monocrystalline cells back contact Sunpower
POWER	150 kW_p
PRODUCTION	55'000 kWh/year

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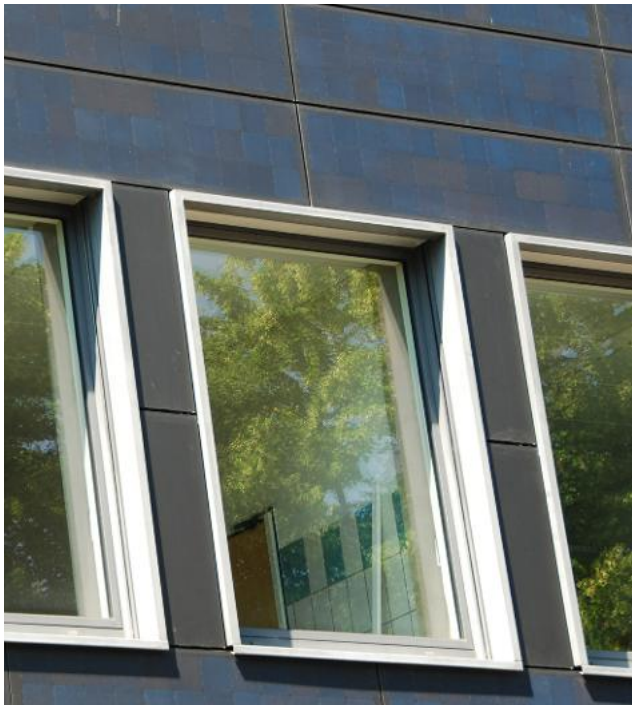
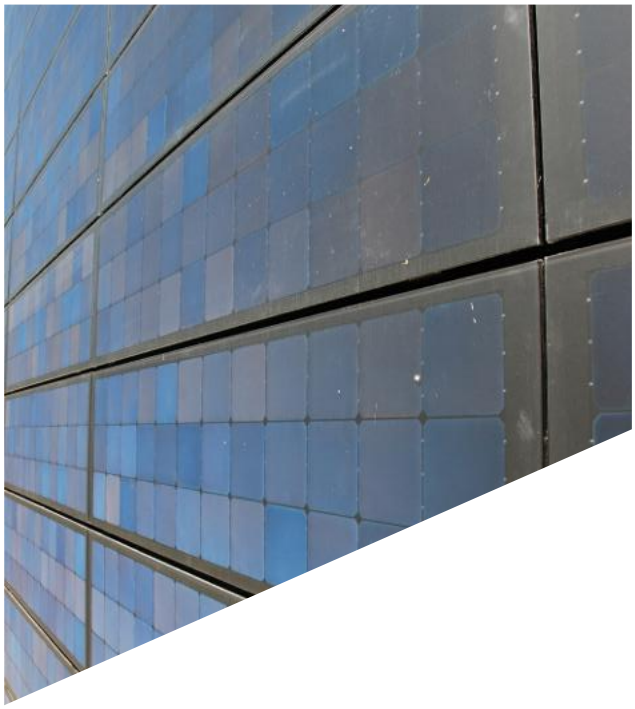
Architectural Integrated Photovoltaics

Pictures, UniMail
Mai 2021





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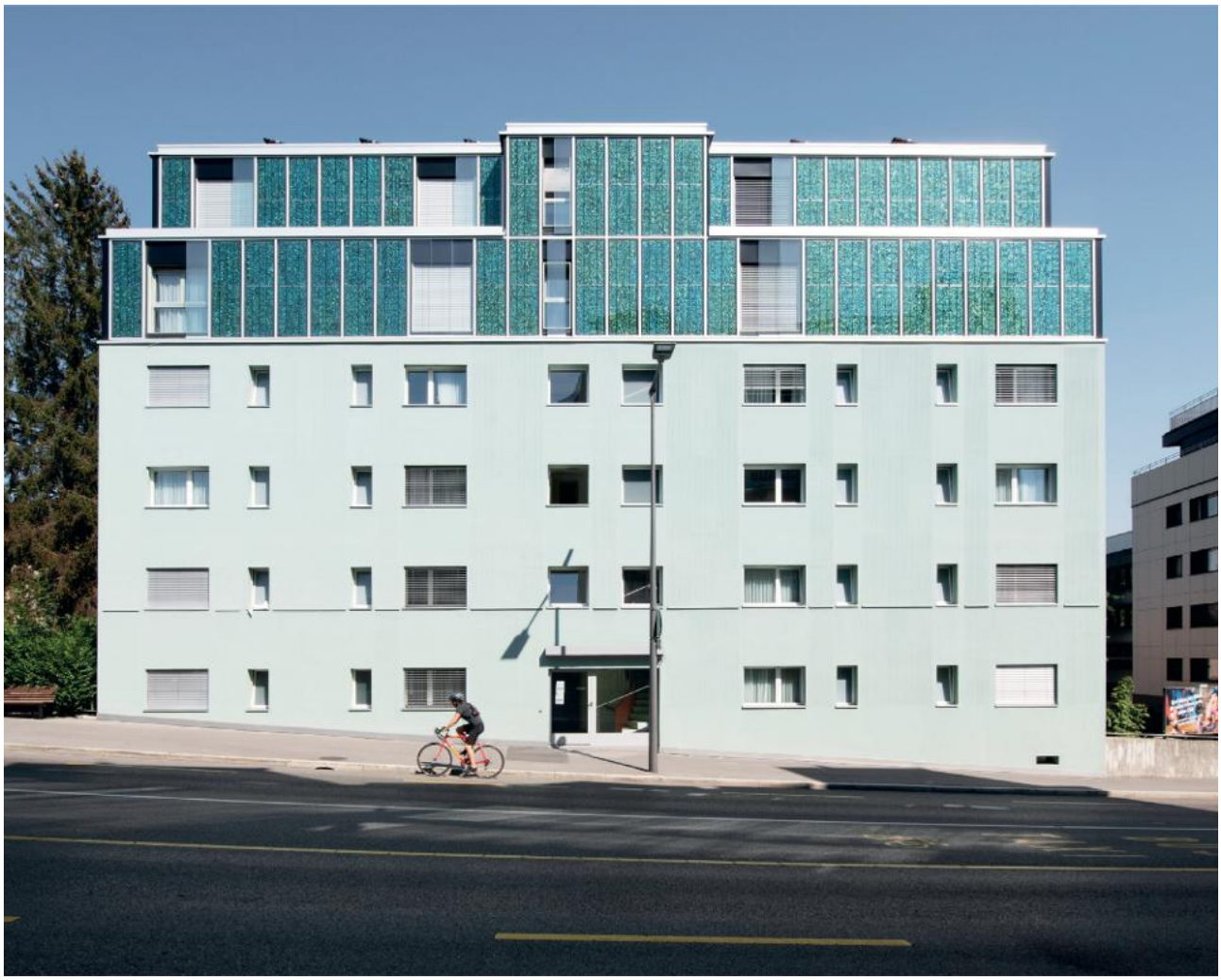
Route de Berne 2
Lausanne VD

2021

Stages | Housing Extension | Facade | Roofing

Renovation and raising of two storeys of a housing building. The extension is made up of solar panels with coloured cells integrated in a transoms/mullion construction, which gives it a richly hued crown.



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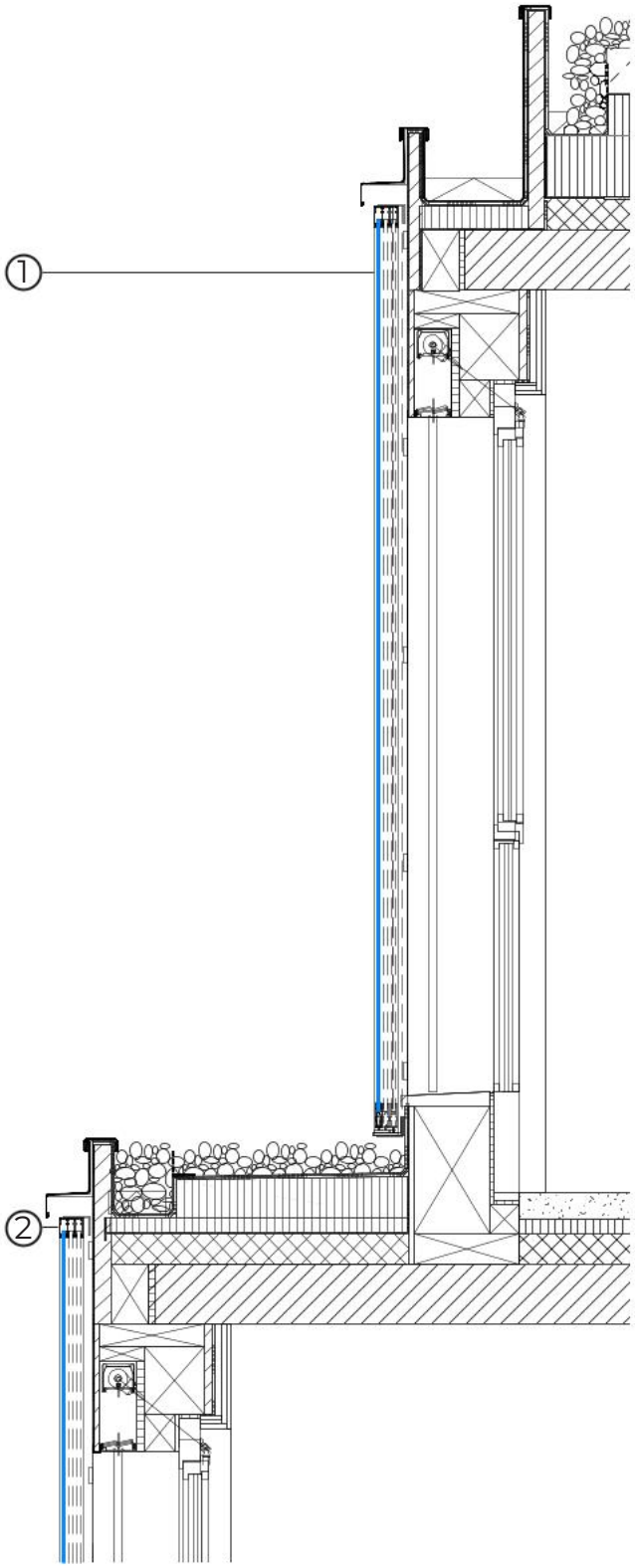
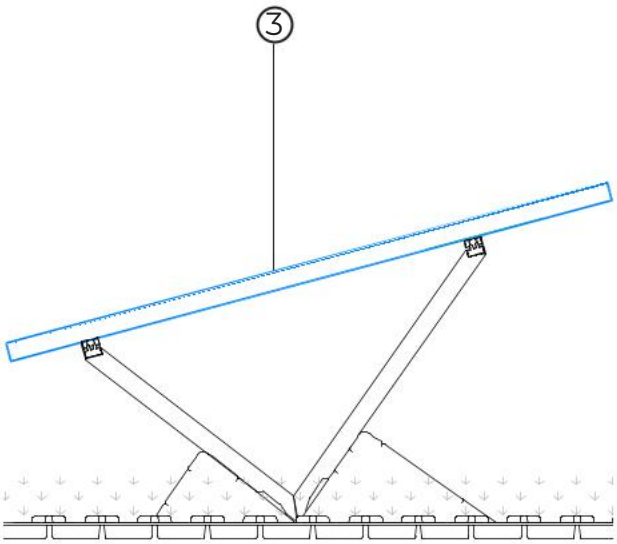
Solarwall

Architectural Integrated Photovoltaics

Details, Route de Berne 2
2021





COMPOSITION

① POLYCRYSTALLINE PV PANEL ON FACADE

② METAL STRUCTURE
TRANSOMS/MULLION

③ PV PANEL ON GREEN ROOF

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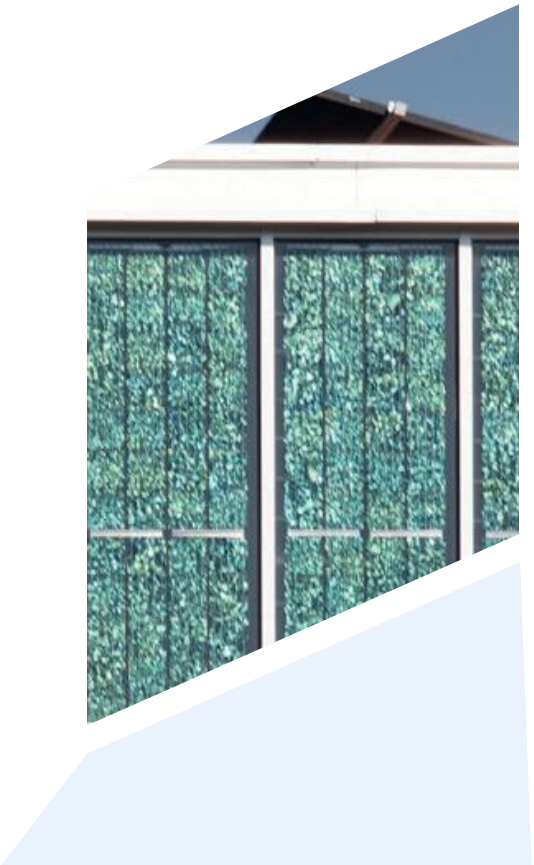
Architectural Integrated Photovoltaics

Technique, Route de Berne 2
2021

ARCHITECT
Bakker & Blanc architectes
BABL

CVSE ENGINEER
Planair SA
MAKING
Solarwall SA

PROJECT OWNER
Realstone SA pour le compte du fonds RSP



PV MODULES FACADE

QUANTITY	132 pcs
SURFACE	263 m^2
TECHNOLOGY	Polycrystalline cells green colour
POWER	30 kW_p
PRODUCTION	13’000 kWh/year

PV MODULES ON GREEN ROOF

QUANTITY	38 pcs
TECHNOLOGY	Monocrystalline cells
POWER	12 kW_p
PRODUCTION	13’000 kWh/year

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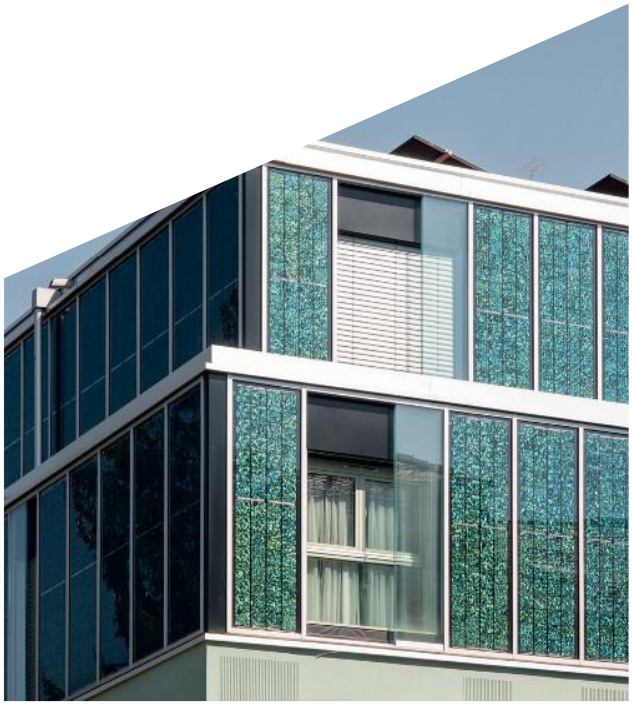
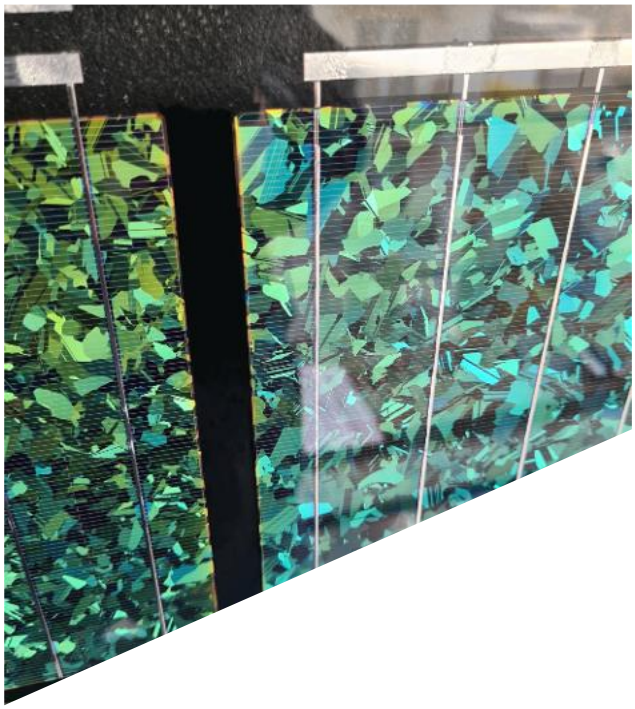
Pictures, Route de Berne 2
2021





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Architectural Integrated Photovoltaics

Reference, Villa
2021

Villa
Cologny GE

2021

Stages

Housing New

Facade

Roofing Slabs

Construction of a housing unit with integrated photovoltaic facades and slabs. These are complemented by a skylight made of semi-transparent photovoltaic insulating glass.

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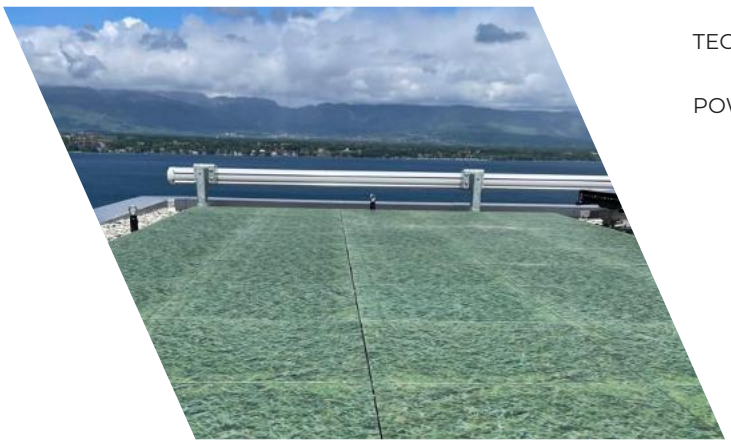
Architectural Integrated Photovoltaics

Technical, Villa
2021

ARCHITECT
Gulian Run SA

FACADE MAKING
Constructeurs Métalliques Associés

MAKING
Solstis SA



PV MODULES FACADE STRIP

QUANTITY	128 pcs
SURFACE	128 m^2
TECHNOLOGY	Monocrystalline cells

PV MODULES ROOF SLABS

QUANTITY	154 pcs
SURFACE	73 m^2
TECHNOLOGY	Monocrystalline cells

PV MODULES SKYLIGHT

QUANTITY	8 pcs
SURFACE	11 m^2
TECHNOLOGY	Monocrystalline cells
POWER TOT.	25,8 kW_p

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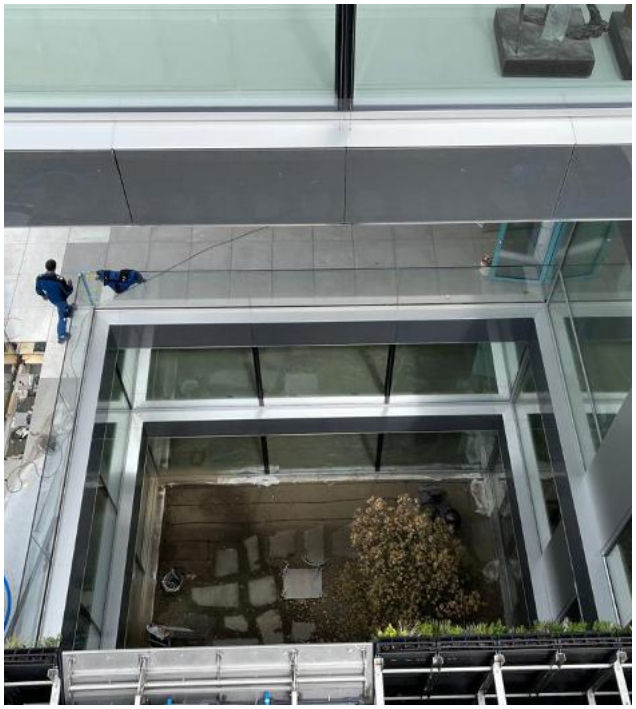
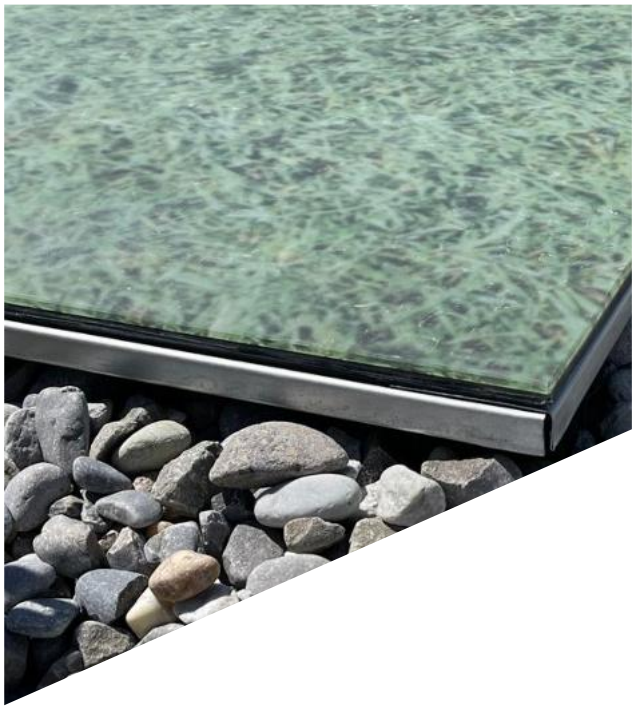
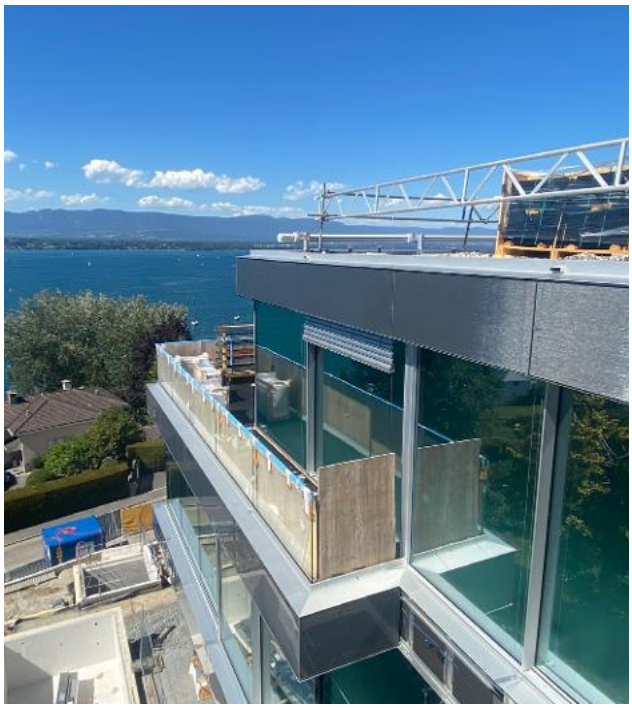
Pictures, Villa
2021







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Architectural Integrated Photovoltaics

Reference, Esplanade de Pont-rouge
Mai 2022

Esplanade de Pont-rouge
Lancy VD

Mai 2022

Stages

Housing
Rénovation

Roofing
Slabs

Walkable slabs

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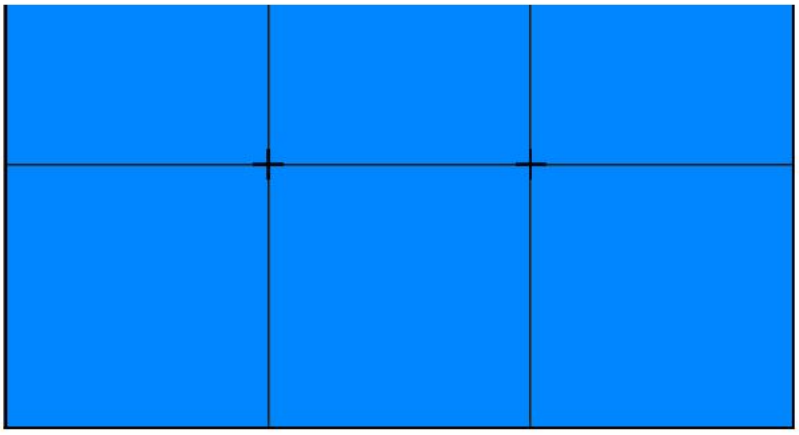
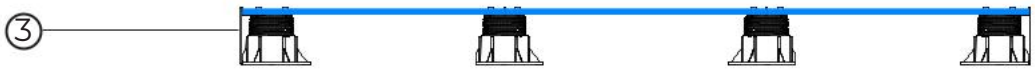
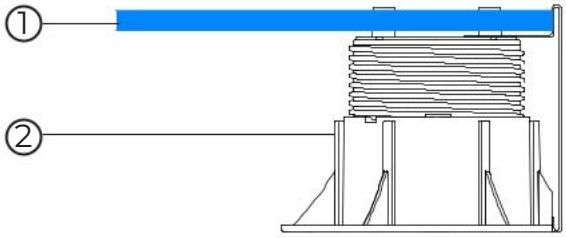
Architectural Integrated Photovoltaics

Details, Esplanade de Pont-rouge
Mai 2022







COMPOSITION

1. PV PANEL SLAB
2. ADJUSTABLE BRACKET
3. EDGE FINISHING

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Architectural Integrated Photovoltaics

Technical, Esplanade de Pont-rouge
Mai 2022

MANDATED ARCHITECT
RDR Architectes SA

ENGINEER
Betelec SA
MAKING
Solstis SA

PROJECT OWNER
Caisse de Prévoyance de l'Etat de Genève

PV MODULES WALKABLE SLABS

QUANTITY	100 pcs
SURFACE	198 m^2
TECHNOLOGY	Monocrystalline cells
POWER	33 kW_p

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Architectural Integrated Photovoltaics

Pictures, Esplanade de Pont-rouge
Mai 2022

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Architectural Integrated Photovoltaics

Reference, Villas Clos de la Gasse
2017

Villas Clos de la Gasse
Sion VS

2017

Stages

Housing New

Roofing Slabs

Construction of 9 new detached houses with green roofs and photovoltaic walkable slabs.

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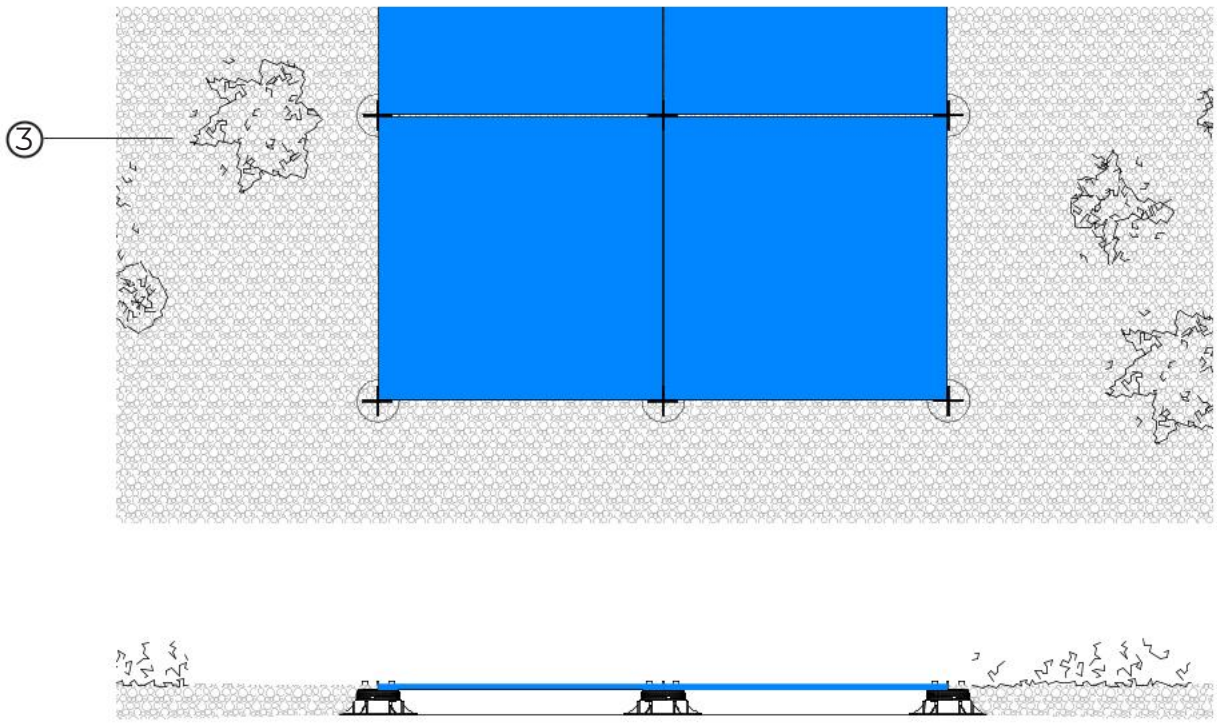
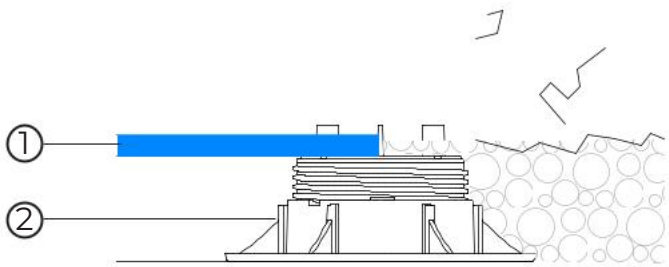
Details, Villas Clos de la Gasse
2017





COMPOSITION

① PV PANEL SLAB

② ADJUSTABLE BRACKET

③ GREEN ROOF

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Architectural Integrated Photovoltaics

Technique, Villas Clos de la Gasse
2017

ARCHITECT
Comina SA

MAKING
Solarwall SA

PROJECT OWNER
Cominex SA

PV MODULES ROOF SLABS

QUANTITY	180 pcs
SURFACE	100 m^2
TECHNOLOGY	Monocrystalline cells
POWER	12,8 kW_p
PRODUCTION	13'000 kW/year

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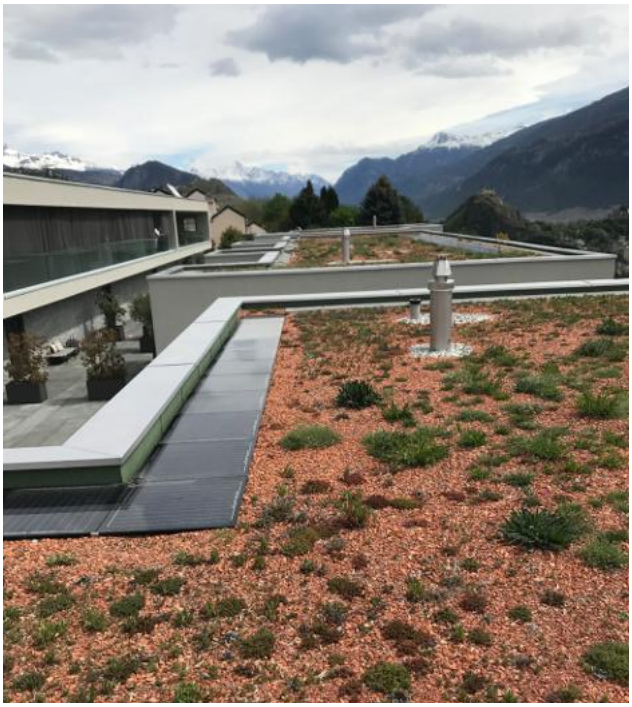
Architectural Integrated Photovoltaics

Pictures, Villas Clos de la Gasse
2017



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École primaire Allmend
Zurich-Wollishofen ZH

2022

Stages

School
New

Roofing

In the «Greencity» neighbourhood in Zurich-Wollishofen, which has been awarded the «2000 Watt site» label, the city of Zurich has built a primary school for 250 children. The photovoltaic system integrated in the glass roof serves as weather protection for the attic playground.

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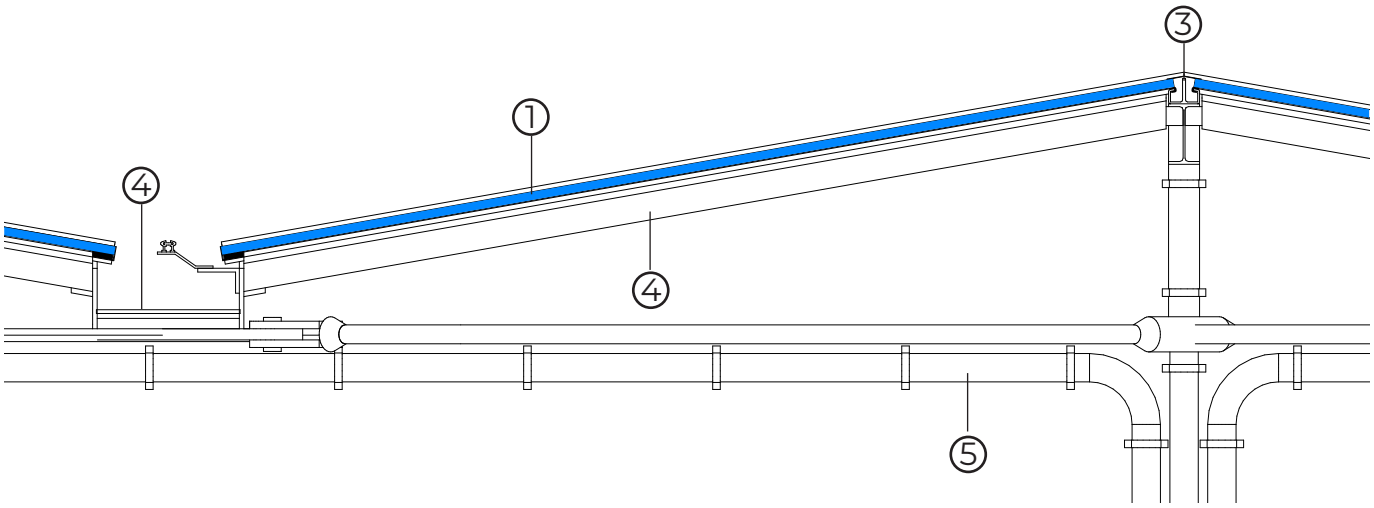
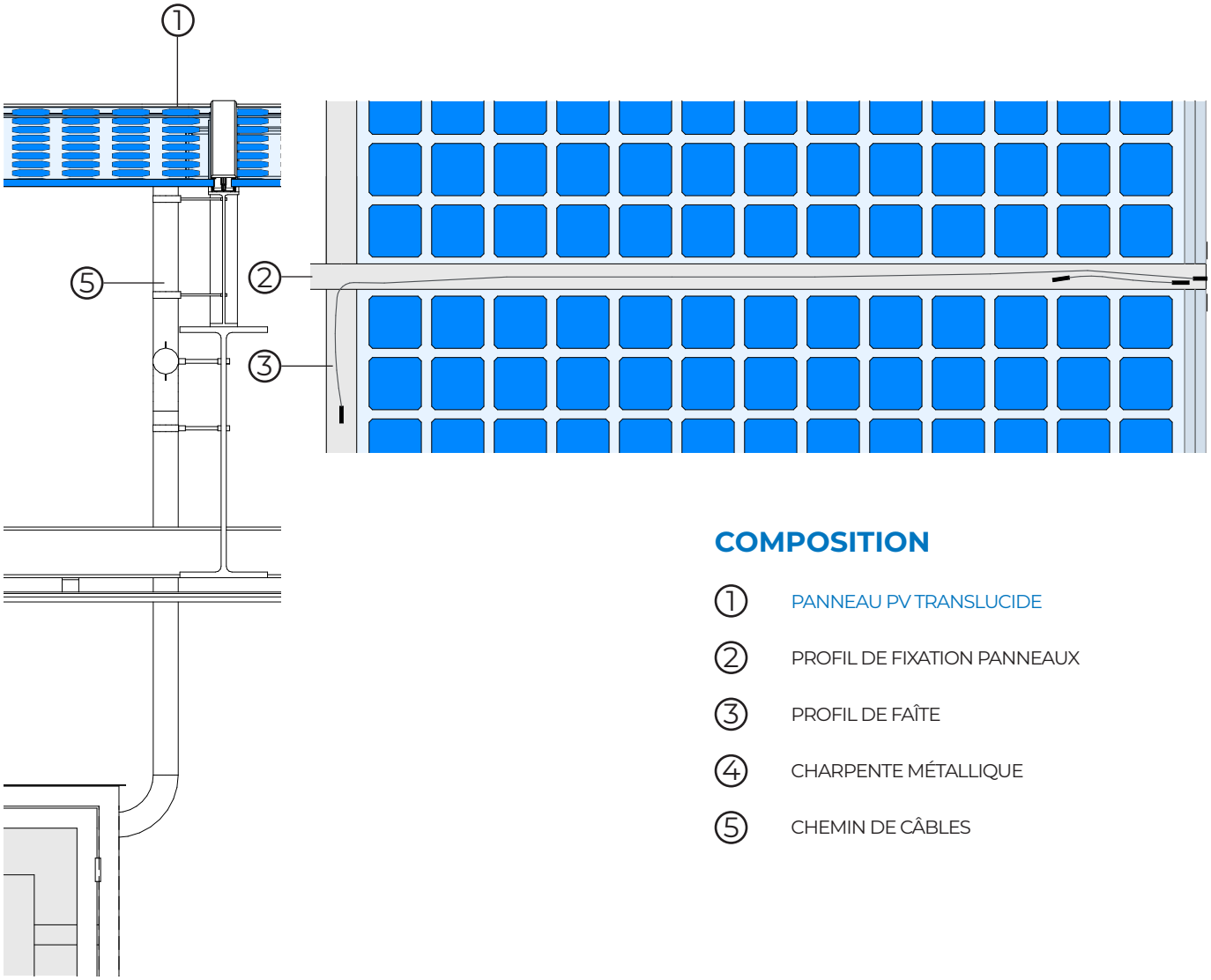
Architectural Integrated Photovoltaics

Details, École primaire Allmend
2022





COMPOSITION

① PANNEAU PV TRANSLUCIDE

② PROFIL DE FIXATION PANNEAUX

③ PROFIL DE FAÎTE

④ CHARPENTE MÉTALLIQUE

⑤ CHEMIN DE CÂBLES

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Architectural Integrated Photovoltaics

Technical, École primaire Allmend
2022

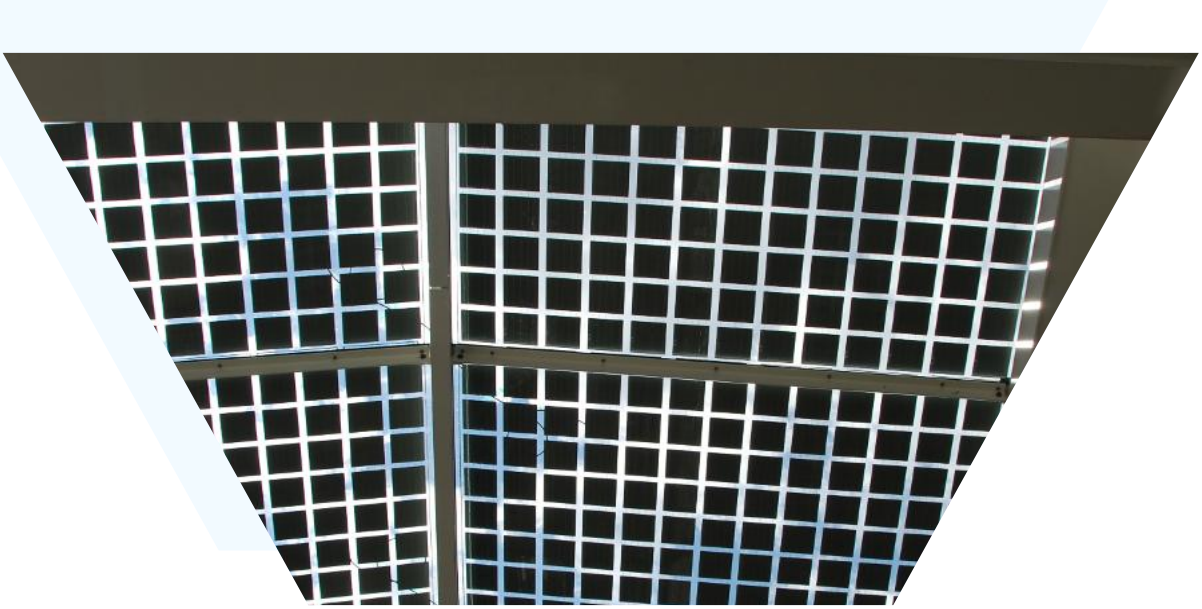
ARCHITECT
Studio Burkhardt
Studio für Architektur ETH SIA

MAKING
Solarwall SA
ASSEMBLY SUBCONTRACTOR
Fatem SA

PROJECT OWNER
Stadt Zürich
Immobilien Stadt Zürich
Amt für Hochbauten

PV MODULES GLASS ROOF

QUANTITY	342 pcs
SURFACE	1300 m^2
TECHNOLOGY	Monocrystalline cells
POWER	170 kW_p
PRODUCTION	180’000 kWh/year



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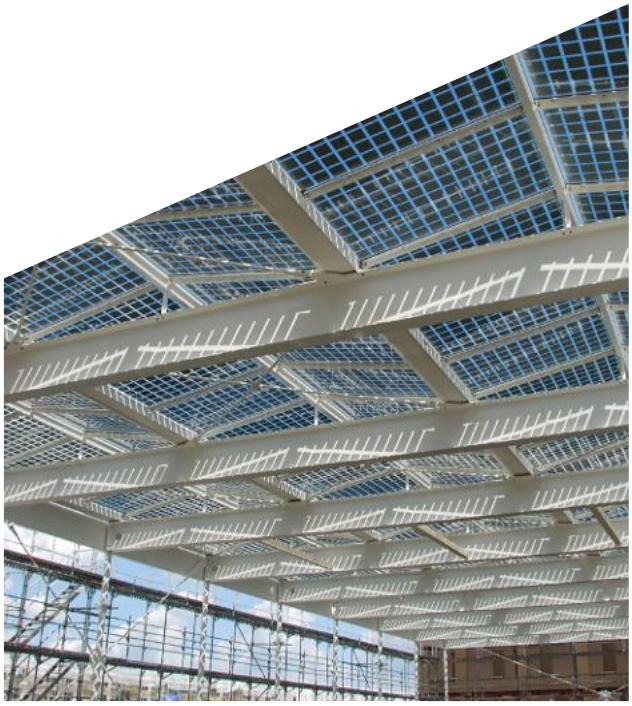
Architectural Integrated Photovoltaics

Pictures, École primaire Allmend
2022



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Architectural Integrated Photovoltaics

Reference, Église du Saint-Esprit
2021

Église du Saint-Esprit
Zurich-Höngg ZH

2021

Stages | Church New | Roofing

A sun-breaker roof, made from photovoltaic panels, allows light to pass through while providing shade to the main courtyard. The system is mounted on a load-bearing metal structure.

Winner of Swiss Solar Award Diploma 2022

Category A, Institutions

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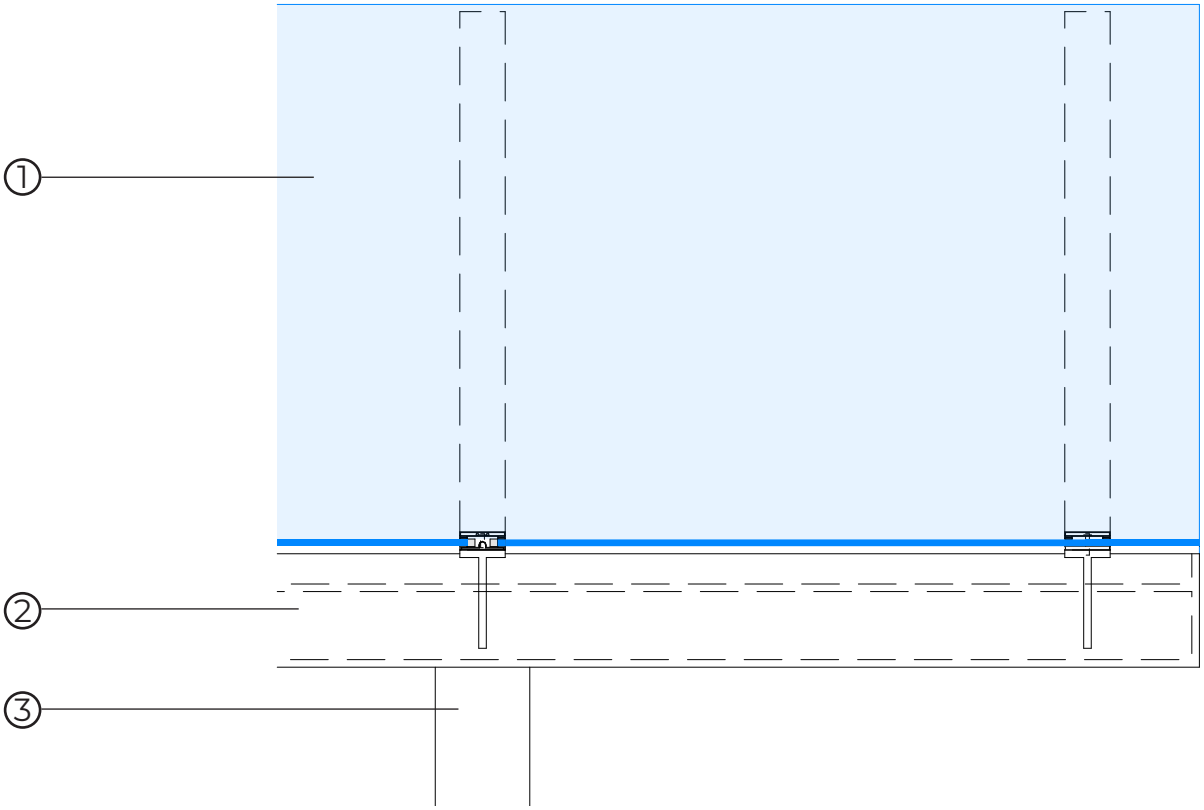
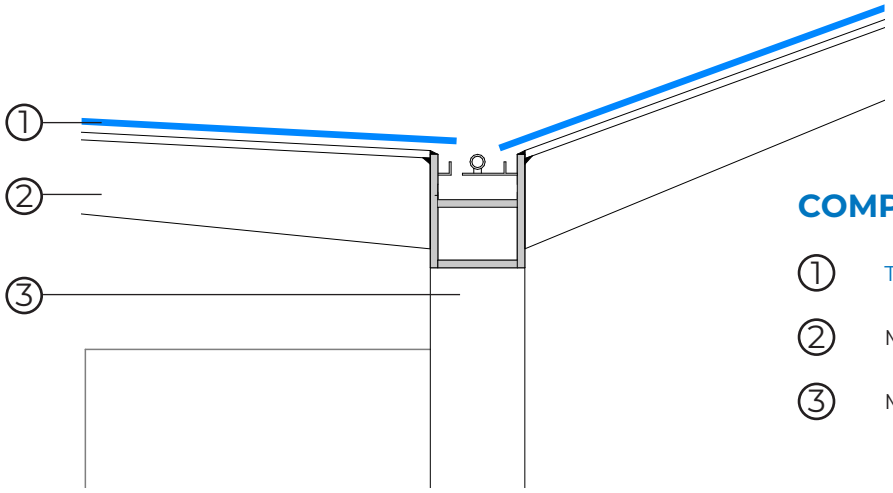
Details, Église du Saint-Esprit
2021





COMPOSITION

1. TRANSLUSCID PV PANEL
2. METAL BRACKET
3. METAL COLUMN

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Architectural Integrated Photovoltaics

Technical, Église du Saint-Esprit
2021

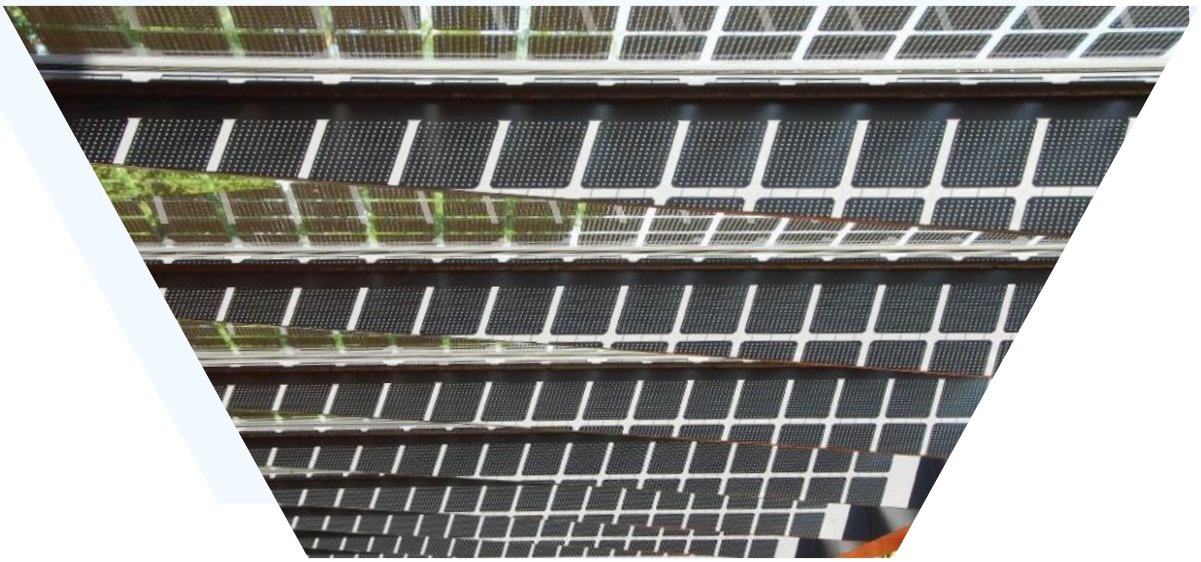
ARCHITECT
Kämpfen Zinke + Partner AG

MAKING
Solarwall SA

PROJECTI OWNER
Kath. Kirchgemeinde
Heilig Geist

PV MODULES YARD COVER

QUANTITY	20 pcs
SURFACE	130 m^2
TECHNOLOGY	Monocrystalline cells perforated
POWER	12,1 kW_p
PRODUCTION	12’000 kWh/year



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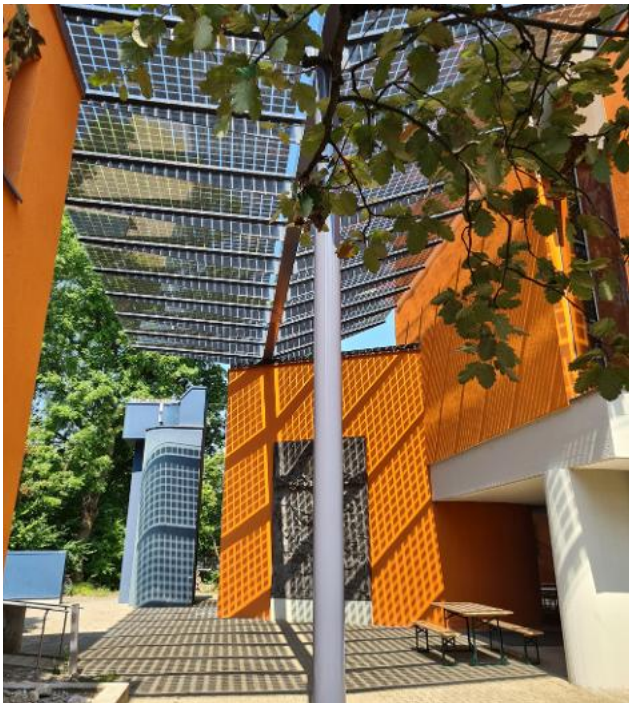
Pictures, Église du Saint-Esprit
2021



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Solarwall

Architectural Integrated Photovoltaics

Reference, PPE Mallieu
June 2022

PPE Mallieu
Pully VD

June 2022

Stages

Housing Renovation

Roofing

Original semi-transparent PV canopy with Monocrystalline bifacial cells. It reinterprets a model found on buildings from the 1950s to the 1980s and thus offers an approach that combines tradition and modernity, durability and aesthetics while protecting its facade and insulation.

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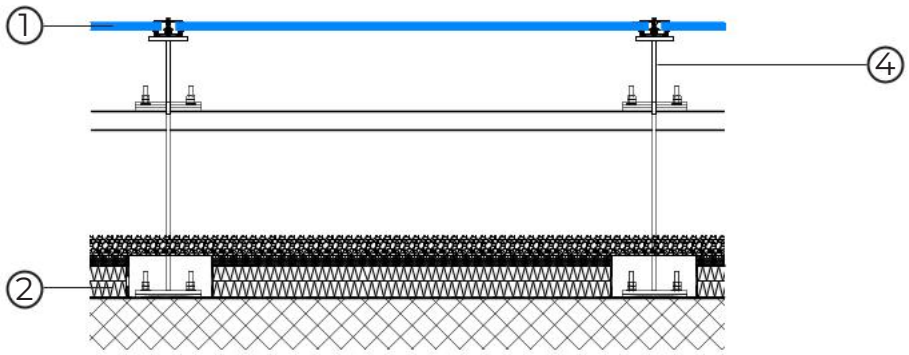
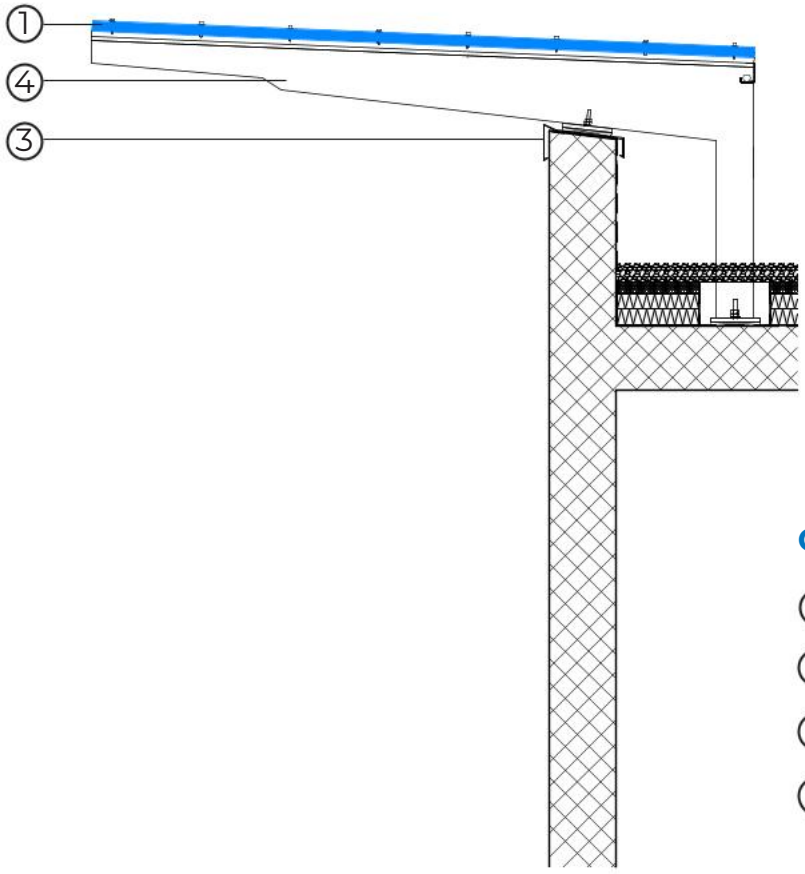
Details, PPE Mallieu
Juin 2022





COMPOSITION

1. SEMI-TRANSPARENT PV PANELS IN CAPS
2. INSULATION
3. TINSMITHING
4. METAL CONSOLE

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Architectural Integrated Photovoltaics

Technique, PPE Mallieu
Juin 2022

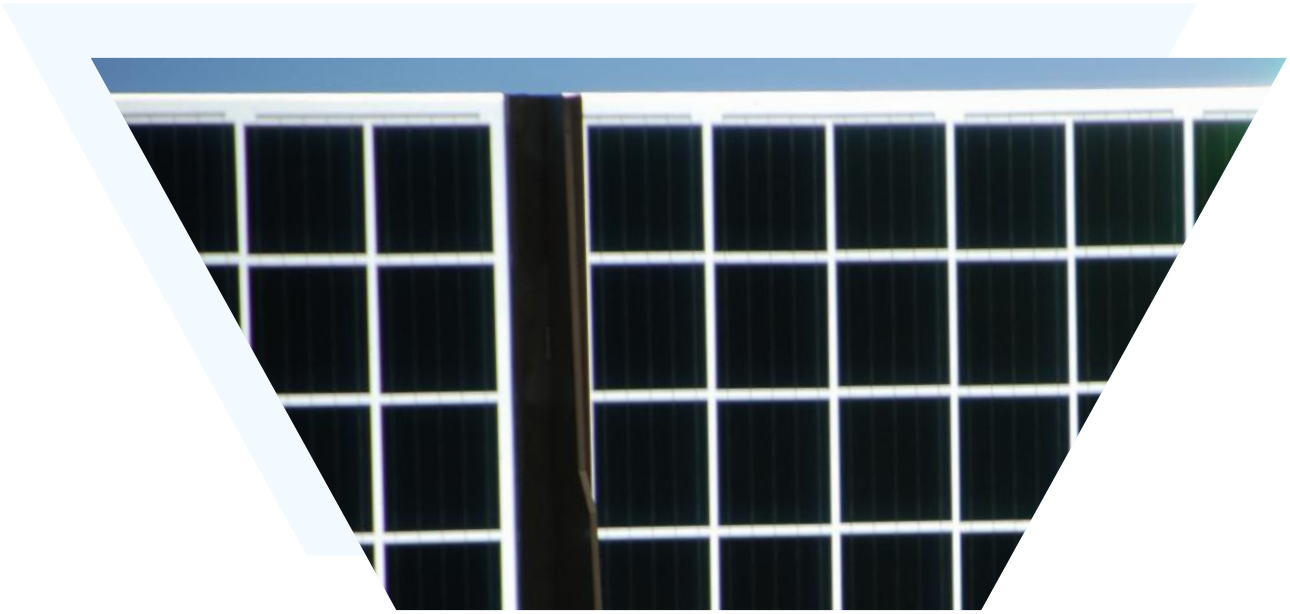
ARCHITECTS
M. Kury Jean-Jacques

ENGINEER
Boss & Ingénieurs Associés
MAKING
Morigi SA

PROJECT OWNER
PPE Mallieu

PV MODULES CAP

QUANTITE	56 pcs
SURFACE	120 m^2
TECHNOLOGY	Monocrystalline bifacial cells
POWER	20 kW_p
PRODUCTION	20’100 kWh/year



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Pictures, PPE Mallieu
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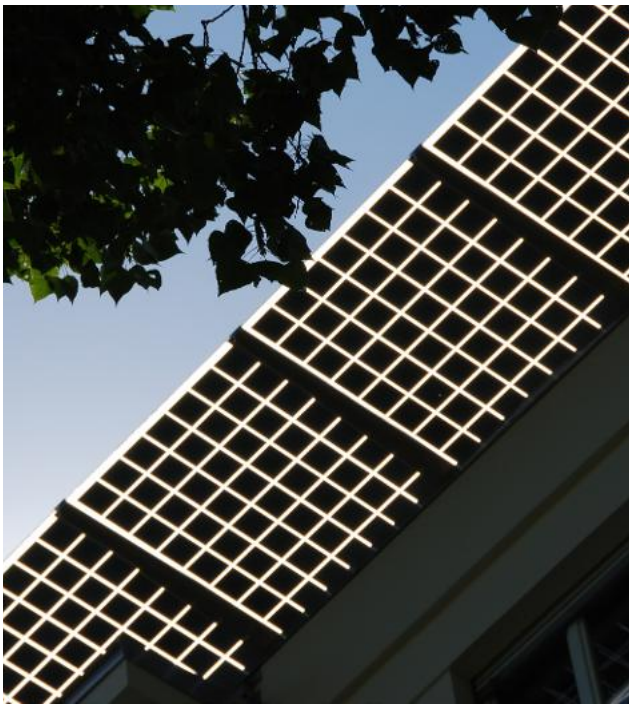

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RECOMMENDS

STEP 1

Conception

From the preliminary project stage, we answer all questions about PV integration

Driven by your energy performance, aesthetic, and technical goals, we design tailored photovoltaic solutions that are both innovative and deliverable. Using your project plans, we accurately assess the energy potential from the earliest stages. Whether for new developments, extensions, or refurbishments, we provide a bespoke approach to every project. Independent of any specific product, we explore the full spectrum of photovoltaic technologies available to deliver the solution best suited to your vision.

STEP 2

Planning

Coordination with other trades during the demanding final design process.

Our expertise spans building physics, energy systems, façade engineering, metal construction, and photovoltaic electrical installations, enabling us to provide clear, reliable, and informed guidance throughout your project. You can rely on us to support you in the selection of materials and in the evaluation of finished product samples, ensuring optimal performance, durability, and aesthetic quality.

PLANS

EXECUTES

STEP 3

Execution

Solarwall can handle installation and assembly of the PV system.

The projects delivered by our team demonstrate both our proven experience and our ability to successfully manage complex technical and architectural challenges.

STEP 4

Opération

After commissioning, Solarwall performs annual checks and provides regular reports on energy performance.

We remain by your side as a long-term partner, ensuring quality control, maintenance, and the seamless integration of photovoltaic systems into the building envelope through Building Integrated Photovoltaics (BIPV).

FOLLOWS