“We don't have to engage in grand, heroic actions to participate in the process of change. Small acts, when multiplied by millions of people, can transform the world.”
— Howard Zinn
Certified Passive House PHI 2012
Featured in Dwell Magazine-April 2013
Infill Passive House Design Award 2014
AA COTE Honorable Mention 2015

Certified Passive House
Passive House Institute

IR camera view of Tighthouse in blue.
Retrofit – tenement condo

Harlem, NY
Retrofit – landmarked Brownstone in Clinton Hill Brooklyn, NY
Retrofit – landmarked
Live/work space Manhattan, NY
Retrofit – landmarked
Live/work space Manhattan, NY
Retrofit – landmarked
Manhattan, NY
Seattle – Green Lake
FNA with Artisans Group
Resiliency
BUILD IT BACK
Canarsie section - Brooklyn
student work
enviro tech
Pratt
Parsons

FNA
OBSERVATIONS

My client, DuPont, is interested in a series of independent and/or enclosed spaces, which is not optimal for energy efficiency. The spaces are separate, and are more to be treated separately. I've also largely oriented the windows to the west, rather than the south, which is not typical for high gains in the winter.

DESIGN PH

My experience with Design PH has been varying. However, I noticed there was a way to overcome this program step in which might be the most challenging and most interesting, in order to reduce the annual heat demand, I changed the placing and framing of the windows.

SUN STUDY

PRELIMINARY DAYLIGHTING ANALYSIS AND LIGHTING INTERVENTIONS
Livestream, 195 Madison Ave - Level 01
Students: Bohan Sun, Li Xuejin Su

BEFORE AFTER

MARCH JUNE

BEFORE AFTER

SEPTMBER DECEMBER

BEFORE AFTER

BEFORE AFTER

BEFORE AFTER
mma
www.a2m.be and www.fnarchitecture.com

an architectural firm, committed to client service and the pursuit of
equality in architecture. We do only but passive house buildings.

We do
architecture
PassiveHouse buildings only
design/economic/environmental
feasibility studies
real Net Zero Energy Buildings
PEB, PHPP, dynamic simulations
prepress and communication media
believe in building physics
(and teach it)
work like hell

We don’t
overcharge
outsourc building physics
restrain our diverse activities
understand chaos theory

We will
make you smile
work for right cause
value your projects
increase your ambitions
build a better world

We won’t
sell our souls
overcharge
miss deadlines
let you down

We’re not
"bio" extremist
close minded
only architects
aliens neither
wise in the ways of kung fu

We are
Sebastian
Grégoire
Julie
Aline
Gladys
Manoël
Angelique
Siegfried
Johanna
Pablo
Geoffrey
Sandrine
Dimitri
Manu
Alice
Jean-Sébastien
<table>
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<th>Statistique</th>
<th>Valeur</th>
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<tr>
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<td>schools</td>
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<td>kindergardens</td>
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Program: Hotel
Client: MMA (FNA + A2M)
Surface: 5,020 m² / 54,001 ft²
Performance: Passivhaus
Situation: NYC (USA)
Year: 2016
Status: Idea
Program: Hotel 220 rooms, stores, student housing
Client: R.B.
Collaboration: MMA + M. Penneman
Surface: 15,699 m² / 168,982 ft²
Performance: passivehouse
Situation: Newark (USA)
Year: 2015
Status: feasibility study
ICE-Challenge

Program: Installation
Client: PMP
Collaboration: Contractor Batisam
Surface: 16 m² / 172 ft²
Performance: Passivehouse
Situation: Brussels (BE)
Year: 2007, 2009
Status: Completed 2007, 2009
2 air transfer

3 moisture transfer

Condensation interne par diffusion

int. ext.

20°C

Vp : 1650 Pa

Vp : 800 Pa

4°C
trainings to professionals in NYC -2017
(local law 31 strategies)
trainings in Belgium and France

FNA
Cost development & environmental appraisal

Sustainable studies:
- Energy study
- Embedded energy
- Natural lighting
- CO2 balance
- Biodiversity
Cliché au vu du fenêtre avec la transmission de l'éclairage de jour LUMINANCE. 
Châssis en bois, profilé à profilage bois avec triple vitrage acoustiquement isolé. 
Plafonnier ouvert avec U équivalant. 
Housses de type PRODIMA-7 cornes et embrasses. 

Rendement de sol de type DOUM pose semi - massif. 
Chape 
Intégration acoustique. 
Chape technique de type toundra. 
Peinture à lait. 
Découlike interieur de fréon. 
Intégration pour l'électricité. 
Lampe de type HQL ou équvalent "Nomura". 
Découlike interieur de fréon. 
Plaque BA vérification. 
Radar de détection de 18 à 17 GHz au fart localisation. 

FONDS THERMIQUE 

GAUCHE 1/3 

JASPERS-EYERS 
Tenue nouvelles, 362 
2000 Louvain 
www.jaspers-eyes.be 

A 2 M 
Ch. des Ronces, 84113 
2000 Louvain 
www.ax2m.be 

BAG 
Plassade avenue 145 
4040 Heverlee 
www.bagmech.be 

FEDIMMO 
Chapelle de Wavre, 1940 
1180 Bruxelles 
www.fedimmo.be 

CHS 04 

PARADIS EXPRESS 

B 

DATE 05-04-2010 

040822 Avant projet
For 5 years, A2M published the quarterly magazine be.passive and begin 2015, the book "passive + architecture"