



# Project 1304 Bomb Squad

A B Abruzzo Bodziak  
A Architects

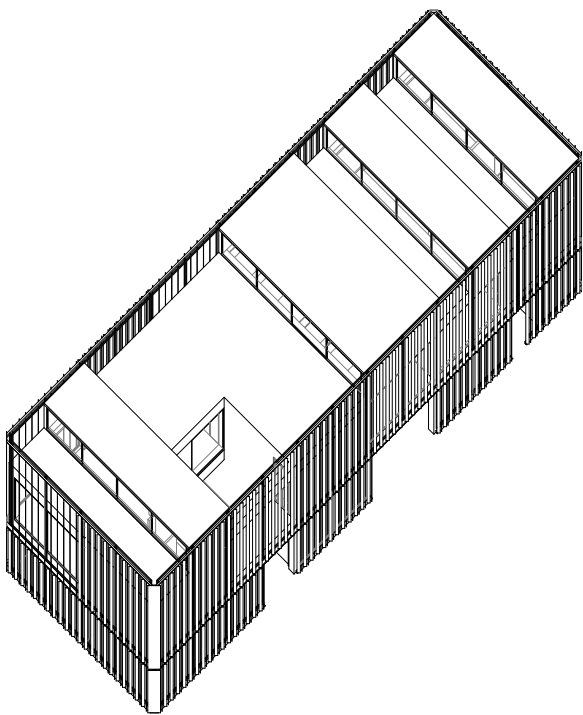


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# Project Details



Project 1304  
Bomb Squad

Client: New York Police Department,  
NYC DDC

Program: Repair, Storage, Office  
Facility

Location: Bronx, NY, USA

Dimensions: 18,150 SF

Collaborators: Thornton Tomasetti  
(Structural Engineer), Becht BT (MEP),  
The Tocchi Group (Cost Estimating)

Status: Proposal, 2013





# Project Description



## Project 1304 Bomb Squad

ABA's proposal for the NYPD Bomb Squad building envisages a new headquarters that pairs innovative design with modest forms of construction to create secure spaces that at once feel open and light while providing for a variety of functions.

Raised 15 feet off of the ground to remain resilient to floodwaters, the building is loosely programmed to permit maximum flexibility for space usage both now and in the future. The plan effectively separates secure and visitor areas while maintaining visual connectivity and openness. A large elevator has dual functions for movement of freight and ADA access; keys or keycards allow access to the secure storage area. Security-enabled

sliding garage doors allow vehicles to enter the building for loading and unloading at the elevator.

Built in a similar way to a parking garage, our design uses precast componentry. The concrete double-tee structure we are showing is an economical form of construction that can be sized to allow for significant dead or live loads, and can be erected quickly. The vertical loads are carried by precast concrete columns and beams, and walls are sized for CMU construction.

A variegated finned building skin attaches to the concrete structure and defines engaging façades while baffling light for reduced solar heat gain. With such a façade system, spacing can be varied for maximum privacy or maximum view, or levels in between.

On the ground level, the building



skin creates an enclosed, secure (but not climate controlled) space that may be used for parking, short term storage, and flexible covered work areas.

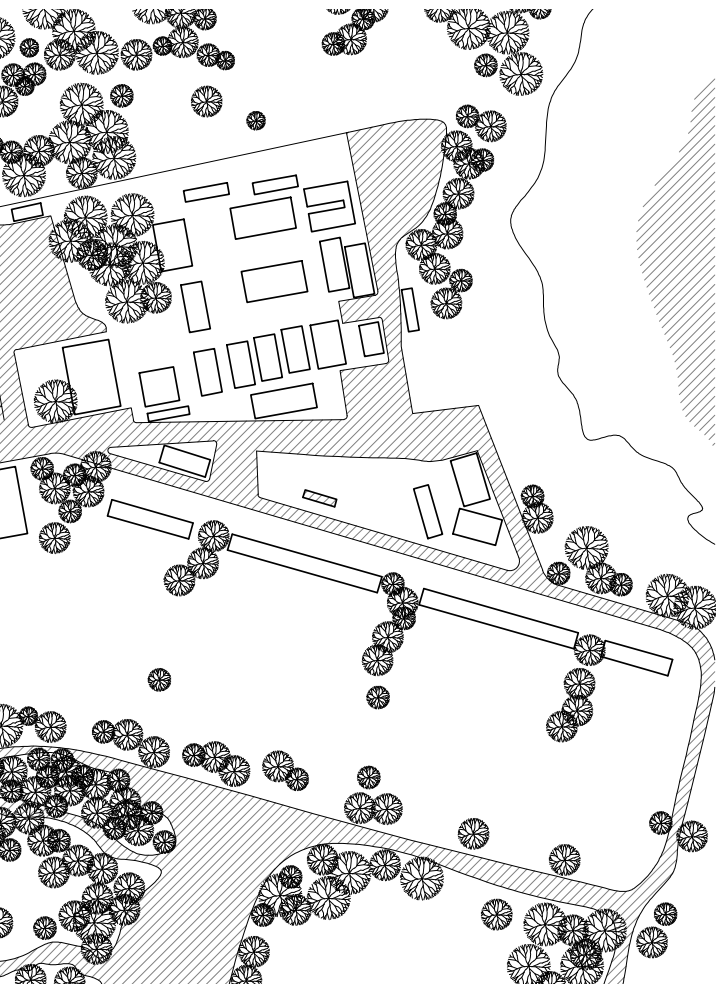
Light monitors (skylight volumes) at the roof raise above a power-generating solar array to provide diffuse natural daylighting.



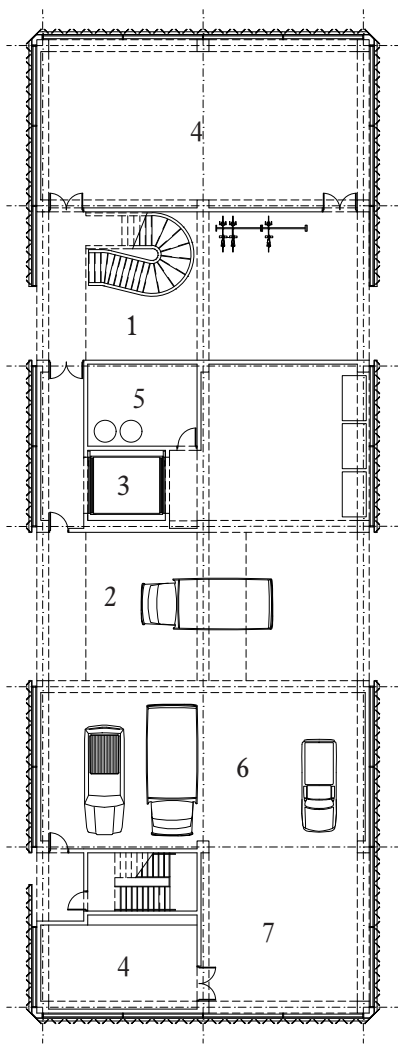
# Project Documentation





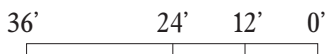


Site Plan

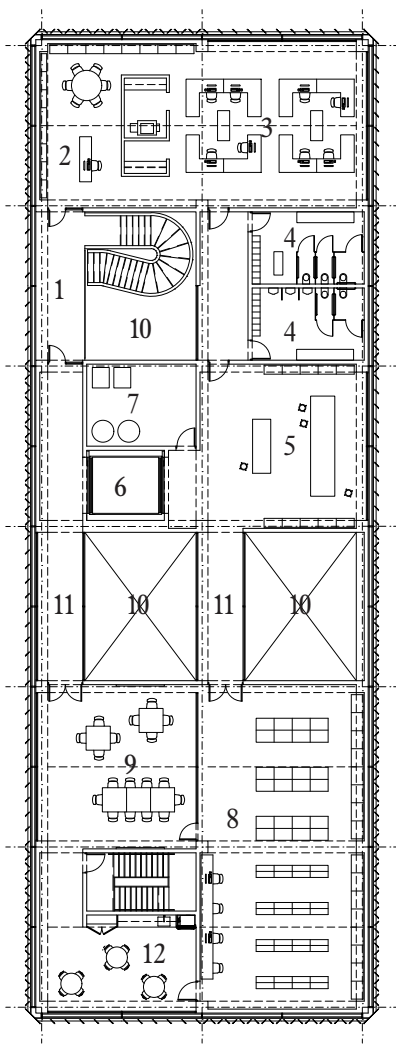


## Key:

1. Entry Passage
2. Loading
3. Elevator
4. Storage
5. Mechanical
6. Parking
7. Repair

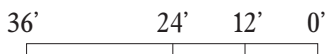


## First Floor Plan



## Key:

1. Entry
2. Reception
3. Office
4. Locker Room
5. Repair
6. Elevator
7. Mechanical
8. Storage
9. Meeting
10. Open to Below
11. Observation Bridge
12. Kitchenette / Break



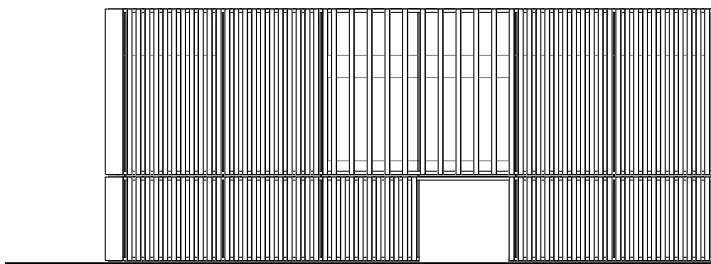
## Second Floor Plan



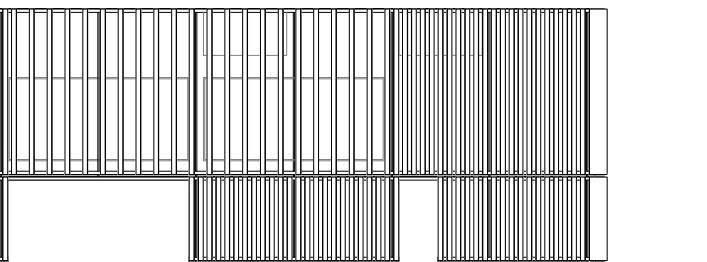


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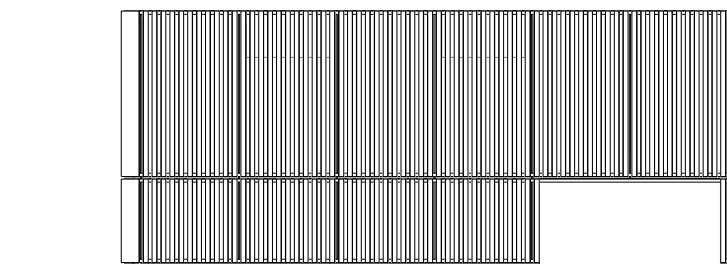
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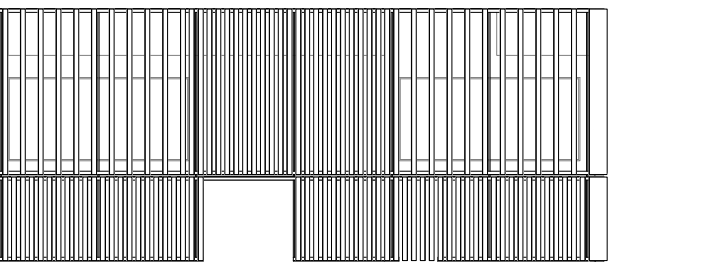


West Elevation


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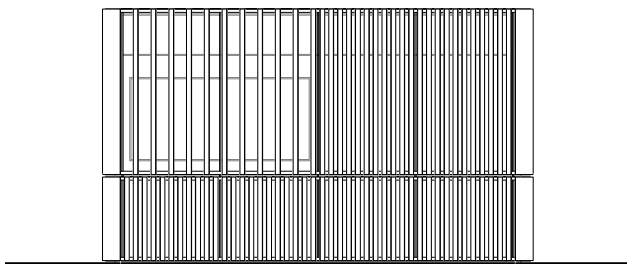
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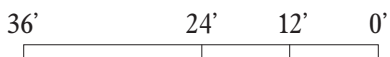
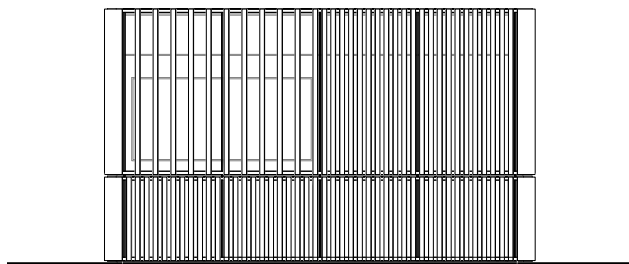
East Elevation

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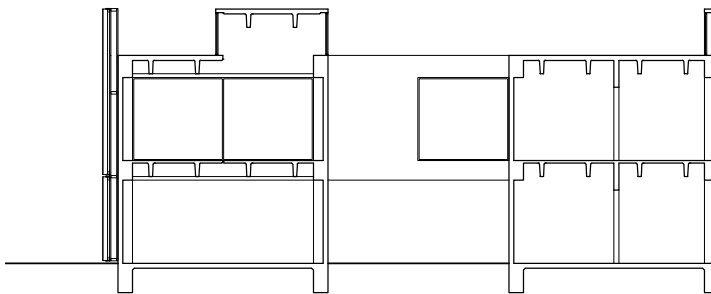
North Elevation



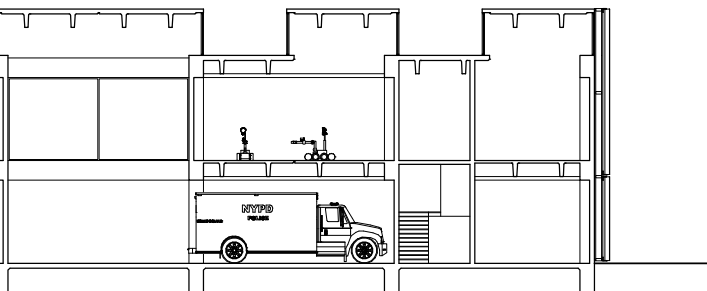
South Elevation





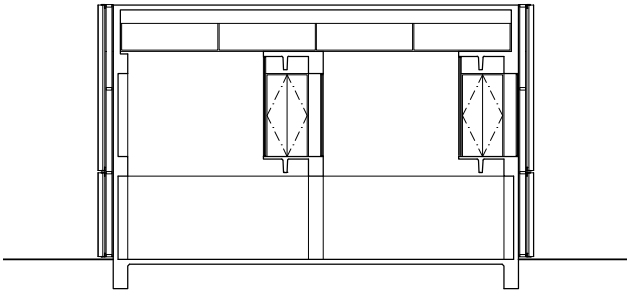




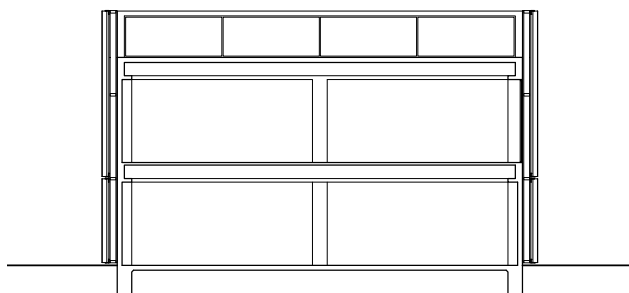


36'                      24'                      12'                      0'


Section Looking West



Section Looking North



36'                      24'                      12'                      0'



Section Looking North







# Information





## Abruzzo Bodziak

Abruzzo Bodziak Architects is an award-winning New York-based practice with experience ranging from civic and cultural projects to homes, exhibitions, and research-based initiatives. A thought leader in the field, the firm's work is rooted in experience and is defined by an innovative approach to contextuality, relentless focus on detail, and aesthetic achievement with a strong conceptual viewpoint.

Established by Emily Abruzzo and Gerald Bodziak, ABA has been recognized by the Architectural League of New York (the 2010 Architectural League Prize for Young Architects and Designers), the AIA (New Practices New York 2012 and a 2013 AIA New York Design Award), *Wallpaper Magazine* (Architects Directory 2013: "The world's



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GROWING URBAN HABITATS

GROWING

Growing Urban Habitats documents and expands on Urban Habitats, an international design

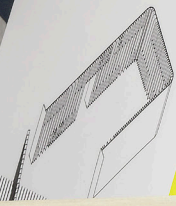
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Young Architects 12: Resource

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best young practices”), *Architectural Record* (2016 Design Vanguard), and the New York City DDC (Design + Construction Excellence Program).

The office’s work has been featured in international publications such as *Architectural Record*, *Wired*, *Fast Company*, *FRAME*, *Domus*, *PIN-UP*, *Baumeister*, and *Cultured*, and has been exhibited by institutions such as Exit Art, Japan Foundation, Storefront for Art and Architecture, The Boston Society of Architects, and as part of The New Museum Festival of Ideas, with the Audi Urban Future Initiative.

Emily Abruzzo, AIA, LEED AP, NCARB is a Founding Partner of ABA. She received her Bachelor of Arts from Columbia College and her Master of Architecture from Princeton University, where she also received a Certificate in Media and Modernity and was named a Fellow at The Center for Arts and Cultural Policy Studies. Currently a Critic at the Yale School of Architecture, Emily is a founding editor and publisher of 306090 Books, and a 2014 MacDowell Fellow. She is a citizen of both the United States and Italy.

Gerald Bodziak, AIA, LEED AP, NCARB is a Founding Partner of ABA. He received his Bachelor of Science from the University of Michigan Taubman College of Architecture and Urban Planning and his Master of Architecture from Princeton University. Gerald is a Fellow of The Forum



and Institute for Urban Design, and has taught design and construction courses at numerous institutions including Columbia's Graduate School of Architecture, Planning, and Preservation. He is a citizen of the United States.



# Imprint





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Bomb Squad

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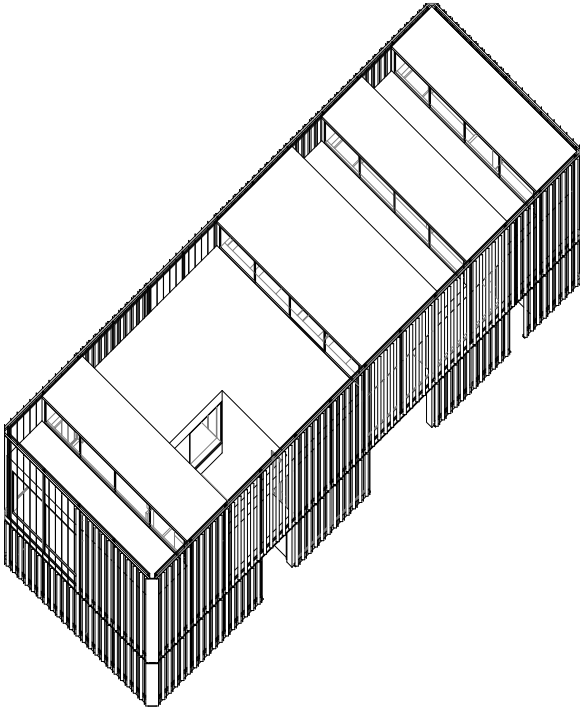
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## ABA Project Booklets

1701	“Reflected Ceiling”
1505	“Trade”
1402	“Packed House”
1304	“Bomb Squad”
1302	“West Village Pied-a-terre”
1213	“Irish Hills House”
1212	“FitNation”
1204	“Landscape (Triptych)”
1106	“Space Frame”
1018	“Grow A Lot “
0905	“Arts Union Beacon”





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