ITALIAN MARKET PASSIVE HOUSE
Bella Vista, Philadelphia
Private Owner - Client
Laura Blau AIA, Kevin Davey, BluPath Design - Architect
Laura Blau CPHC - Passive House Consultant
Chris Hanson, Hanson General Contracting - General Contractor
Bevan Lawson PE / Jean Gajary PE - Structural Engineer
Mark Washington PE, Mark Ulrick / Cramer Silkworth PE, Baukraft - MEP Engineer
Sam Oberter Photography - Photography

GENERAL INFORMATION
Single Family  2 bedroom  2.5 bath
Residential Area: 2,293sf
Garage / Workshop: 2,150sf
Air Tightness: 0.4 ACH50, 185 CFM50
HERS Index: 34
ENRGSTAR 3.0
ZEBH
PHUS PLUS
Net Zero-Energy

BUILDING COMPONENTS
Floor Below Slab - XPS R30
Floor over Garage - Cellulose R42
Exterior Wall - Cellulose R53
Roof - TPO, Cellulose & EPS R54.1
Windows & Doors: Intus Windows U=0.110, SHGC 0.49
Energy Recovery Ventilation - Zehnder ComfoAir 350, Efficiency 84%
Heating & Cooling - Mitsubishi 17kBtu Heat Pump 10.0 HSPF / 17.5 SEER
Hot Water - GE GeoSpring Heat Pump Water Heater 3.12 EF
SunShade - Laser-cut Perforated Aluminum - Point B & JEFCO