

**HISTORICAL AND ARCHITECTURAL REVIEW BOARD  
WEDNESDAY, NOVEMBER 1, 2017, AT 4:00 P.M.  
TOWN HALL  
CITY HALL, 10 E. CHURCH STREET  
BETHLEHEM, PA 18018**

**AGENDA**

**1. 238 E. Wall Street**

It is proposed to replace the roof and install skylights.

OWNER/APPLICANT: Patrick and Hanna Conroy/Mark J. Fisher Roofing, LLC

All members please call Fred Bonsall at 610-866-0505 if you will not attend.  
Applicant **MUST** be present for the appeal to be heard.

City of Bethlehem, Pennsylvania

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS (COA)

Building address 238 E Wall St Bethlehem PA 18018
Owner of building Patrick & Hannah Conroy Phone [redacted]
Owner's email & mailing address conroypatrickme@gmail.com Same as above
Applicant Mark J Fisher Roofing LLC Phone: [redacted]
Applicant's email & mailing address 203 S West End Blvd Quakertown PA 18957
Street and Number [redacted] State Zip Code

APPLICANT MUST ATTEND MEETING FOR CASE TO BE HEARD.
USE THE CHECKLIST ON THE BACK OF THIS APPLICATION TO ENSURE YOUR SUBMISSION IS COMPLETE.

Historic & Architectural Review Board - Application form, photographs, and drawings must be submitted by 12:00 Noon on the last Wednesday of the month in order to be placed on the agenda for the next meeting.

South Bethlehem & Mount Airy Historic Conservation Commission - Application form, photographs, and drawings must be submitted by 12:00 noon on the second Monday of the month in order to be placed on the agenda for the next meeting.

1. PHOTOGRAPHS - Photographs of your building and neighboring buildings must accompany your application.

- 2. TYPE OF WORK PROPOSED - Check all that apply. Please bring any samples or manufactures specifications for products you will use in this project.
Trim and decorative woodwork
Siding and Masonry
Roofing, gutter and downspout
Windows, doors, and associated hardware
Storm windows and storm doors
Shutters and associated hardware
Paint (Submit color chips - HARB only)
Skylights
Metal work
Light fixtures
Signs
Demolition
Other

3. DRAWINGS OF PROPOSED WORK - Required drawings must accompany your application. Please submit ONE ORIGINAL AND TEN (10) COPIES OF DRAWINGS, PHOTOGRAPHS, APPLICATION FORM, AND ANY SPECIFICATIONS
Alteration, renovation, restoration (1/4 or 1/8"=1'0" scale drawings required IF walls or openings altered.)
New addition (1/4" or 1/8"=1'0" scale drawings: elevations, floor plans, site plan)
New building or structure (1/4" or 1/8"=1'0" scale drawings: elevations, floor plans, site plan)
Demolition, removal of building features or building (1/4" or 1/8"=1'0" scale drawings: elevation of remaining site and site plan)
A scale drawing, with an elevation view, is required for all sign submittals

4. DESCRIBE PROJECT - Describe any work checked in #2 and #3 above. Attach additional sheets as needed.
removing existing roof, install new plywood 1/2 in over plank board, install 2 Velux Col skylights and Owens Corning roofing system

5. APPLICANT'S SIGNATURE [Signature] DATE: 10/19/17

# MARK J. FISHER ROOFING

**SIDING · WINDOWS · GUTTERS · INSULATION**

**203 S. West End Boulevard Quakertown, PA 18951  
(215) 412-ROOF (215) 723-9234 (610) 825-4347  
WWW.FISHERROOFING.BIZ**

Date: 9/27/17

Customer Name: Patrick & Hannah Conroy

Property Address: 238 E. Wall St., Bethlehem, Pa 18018

Phone Number: [REDACTED]

Specialist: Robert Fisher

Township: \_\_\_\_\_

*During inspection contractor found: Multiple areas of deteriorated/ corroded shingles, pipe collars, chimney flashing, chimney pointing, and siding; recommend a full roof replacement. Upper rear dormer is below a 3/12 pitch; recommend replacement with a low slope TPO membrane (Homeowner opted for shingles).*

New Roof (Entire Upper Main Roof Only)

1. Remove existing roofing materials down to bare wood sheathing, and dispose of all debris (*See wood notice below*)
2. Install new plywood overtop of existing planks board over the entire upper main roof surface
3. Install new framing on both sides of upper rear dormer, and prep for skylights
4. Install 2 new C01- Velux manual opening skylights with aluminum flashing kit and pole on the upper rear
5. Install new cricket diverter on the rear of chimney where needed
6. Install new ice and water shield in all valley, gutter lines, around the base of vent pipes, over the entire rear dormer section, around the base of skylights, and around the base of the chimney
7. Install new standard felt over entire surface of roof
8. Install new aluminum C3.5-inch drip capping around the entire perimeter of roof (Color: White)
9. Install new starter shingles around the entire perimeter of roof leaving a 1 inch overhang
10. Install new Owens Corning Lifetime Dimensional algae resistant shingles using six nails in every shingle to allow for 130MPH wind coverage over entire surface of roof (Color: onyx Black)
11. Remove existing pipe collars and dispose of all debris
12. Install new aluminum pipe collars where needed
13. Install new shingle-over ridge vent along peak of roof
14. Install new hip shingles across peak of roof (Color: to match roof)
15. Install new aluminum 5in. x 5in. shingle step flashings alongside chimney wall
16. Install new custom bent aluminum chimney flashing around the entire base of chimney (Color: White)

Owens Corning Limited Lifetime Manufacturer's Warranty (*Contractor recommends having pipe collars inspected and or replaced every 5 years at an additional charge*)

Mark J. Fisher Roofing, LLC

- SITE PLAN -



Job Address: 255 E. Wall St., Bethel, ME 04918

Specialist Name: Bob

Technician Name:

Special Requirements

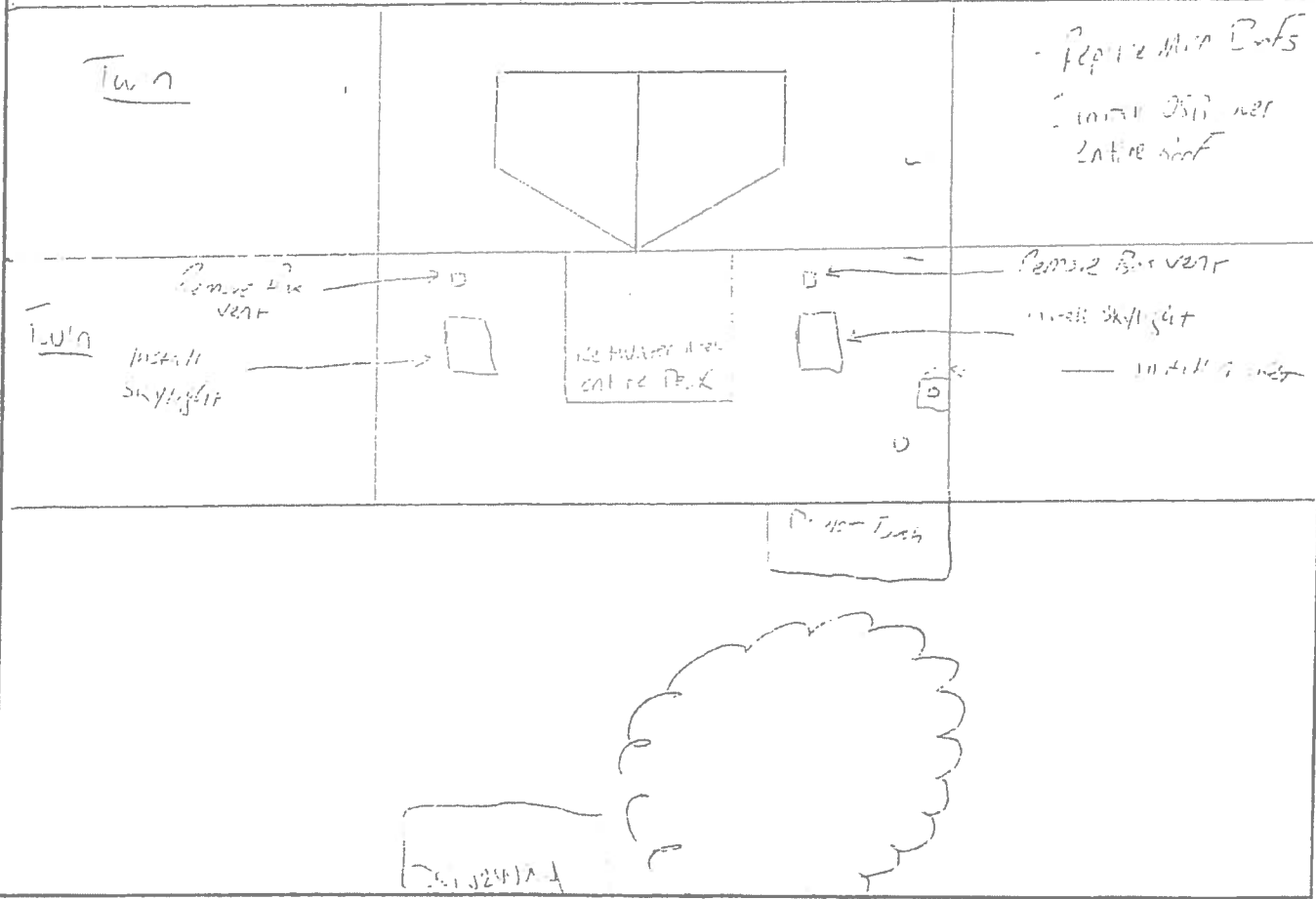
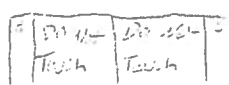
- Portapotty
- Dumpster
- Special or Large Ladders
- Rope and Pulley
- Special Protection for Plants or Shrubs
- Parking Problems
- Steep or High Roof
- Other (specify) -
- Other (specify) -
- Other (specify) -

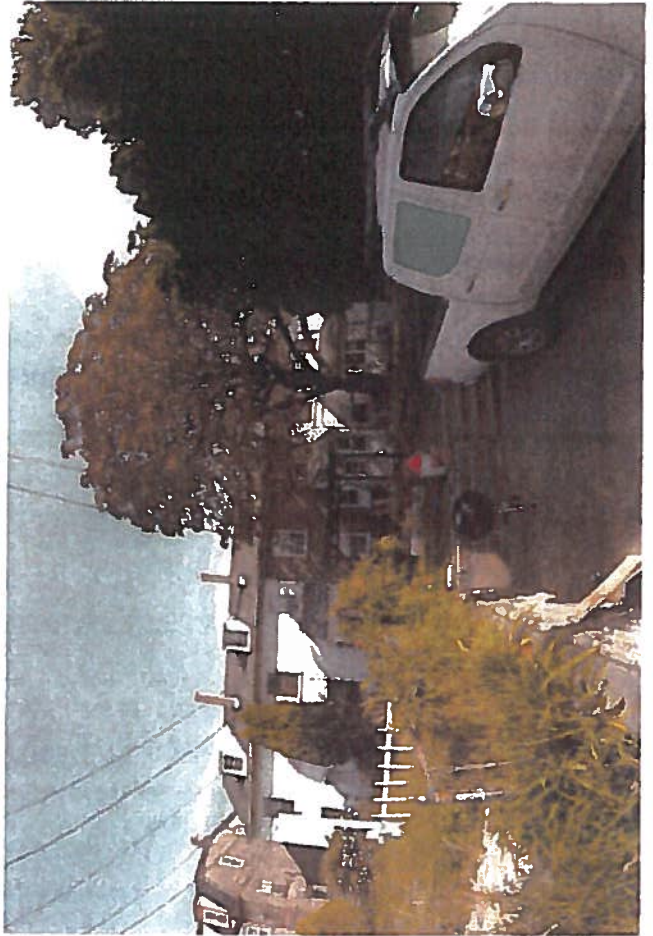
Special Instructions Remove old roof (shingles)

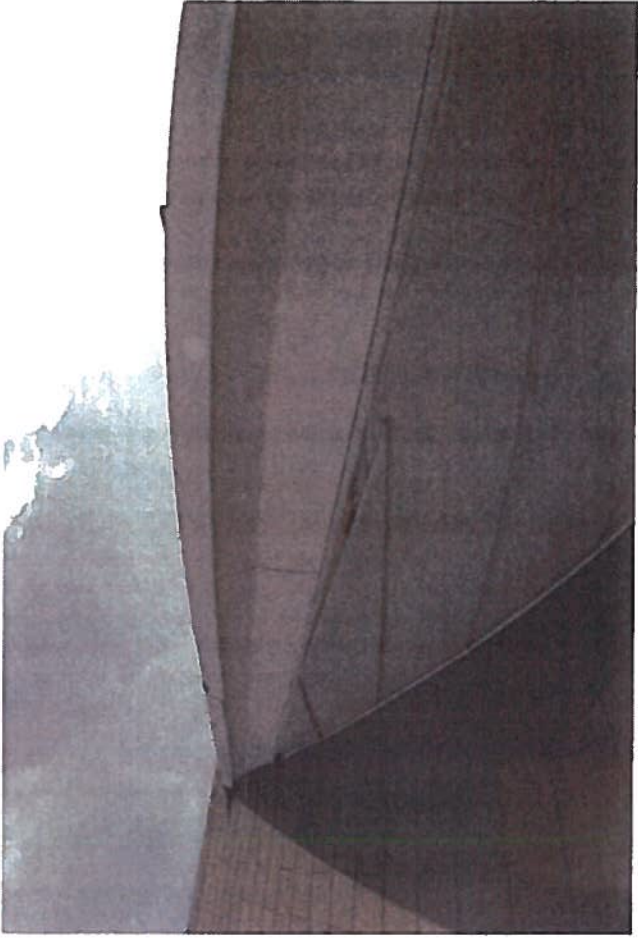
- Remove old roof shingles
- Install OSB sheathing over entire roof surface
- Remove two vents & install new plywood
- Install 2 new 12" x 12" skylights on rear (down) side
- Install roof water shield over entire roof surface
- Install gutter & downspout on rear side

Site Plan

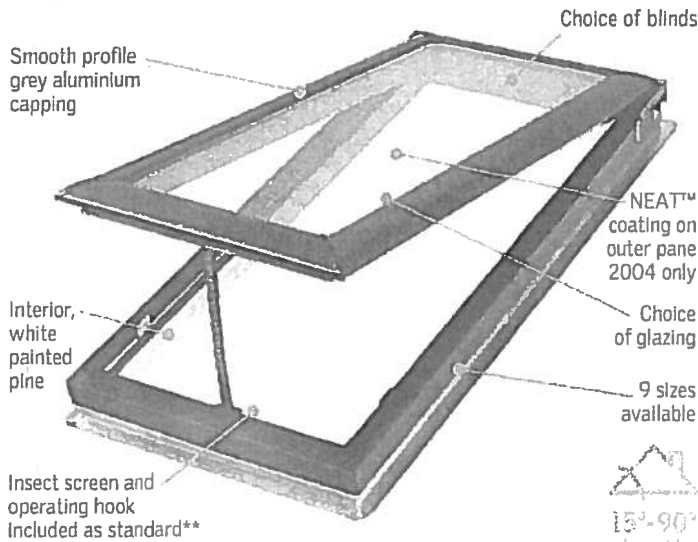
Indicate buildings, parking, portapotty locations, hazards, etc. E. Wall St - Parking







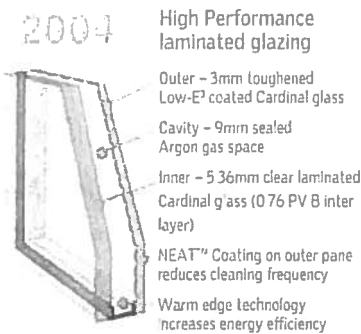
# VS manually operated top-hung skylight



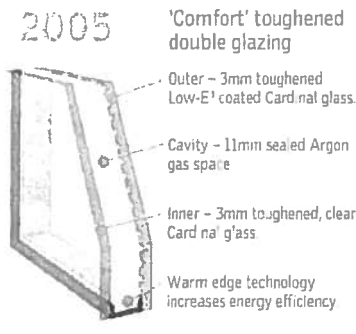
## Construction

Quality frame made from Ponderosa pine. Factory treated with a base preservative to reduce mould and mildew. Further treated with paint (2 coats) for a clean white interior finish.

VS Skylights are operated manually. The VS has a hook included which requires a rod control to wind the hook and open the sash. Or for applications within reach, a winder handle can be used.



- Radiant heat block Complete window Glass only
- UV Harmful rays block
- Noise reduction factor
- WERS rating
- Double layer of Low-E³ coating
- 10 year warranty on insulated glass seal
- Reduced cleaning frequency



Laminated glass (2004) must be used for skylights installed 3m or more above floor level

• Silicone Dioxide/Titanium Dioxide coating reacts with the sun's UV rays to decompose surface organic dirt before rinsing away with the next shower of rain, thereby reducing cleaning frequency

• The coating also makes the glass surface smoother, so water disperses evenly, sheets off, and evaporates quickly, thereby minimising water spotting on the pane

**10 YEAR WARRANTY**  
on skylights, flashings and glazing

**3 YEAR WARRANTY**  
on blinds and accessories

**VS technical performance**

VELUX Skylights are tested and approved to the appropriate Australian Standards.

- AS4285 SKYLIGHTS**  
Cyclonic & Non-Cyclonic
- AS1288 OVERHEAD GLAZING**  
Laminated Inner pane\*
- AS3959 BUSHFIRE**  
Attack Level 40^
- AS1530.1: BCA BOUNDARY SEPARATION\***  
Class 1 & Class 10 buildings:  
Within 900mm of a boundary wall  
Class 2 to Class 9 buildings:  
3 metres from a boundary wall^^

VELUX Skylights are deemed non-combustible and thereby comply with BCA Fire Separation requirements.

- \* CSIRO assessment report available on request. VELUX recommends consultation with relevant authority before work commences. Skylight to be in closed position
- † 2004 glazing variant
- Bushfire testing applicable to 2004 glazing variant skylight in roof pitch 18°-75°. Skylight only. Custom-made flashing required. Skylight tested in closed position, additional mesh protection may be required for opening apertures (consult local council)
- ^^ Skylight cannot be closer than 3mtrs unless the boundary is adjoining a road or public place. Consult BCA for further details

VELUX Simulated Tests \*ASTM E822-2009

- ASTM E822-2009 standard practice for determining resistance of Solar Collector Covers to Hail impact with propelled ice balls (2004 glazing)

VS Openable Skylights have been energy rated in accordance with the Skylight Energy Rating Scheme (WERS).

★ ★ ★ ★ ★ **Maximum 5 stars Summer Ratings**

4.5 out of 5 stars for Winter Rating  
4.5 out of 5 stars for Cool Daylight In Summer

U-value (W/m²K)

Complete skylight	2.50	2.60
Glass only	1.93	1.98

Solar Heat Gain Co-efficient

Complete skylight	0.21	0.21
Glass only	0.27	0.27

Visible Light Transmittance

Complete skylight	0.48	0.49
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Luminous Efficacy (Ke = VT/SHGC)

Complete skylight	2.29	2.33
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All figures generated by AFRC accredited simulators. Figures based on complete skylight: nominal size 1140mm (W) x 1180mm (H)

\*\* Winder handle and extends on rods to be purchased separately. Details overleaf