



## SIG Skylights

Southeastern Insulated Glass, Inc.  
6477-B Peachtree Industrial Blvd.  
Atlanta, GA 30360  
Phone: 770-455-8838

# ESTIMATE

Date: October 15, 2025

### PREPARED FOR:

**Donald McLaughlin**  
170 Spalding Creek Court  
Atlanta, GA 30350

## PROJECT DESCRIPTION

This estimate covers the design, fabrication, and installation of custom welded skylight assemblies with solar reflective glass. All skylights are custom-manufactured to meet the specific requirements of the existing roof structure and architectural design.

**Skylight Type:** Custom Welded Skylight Assemblies with Solar Reflective Glass

**Material:** Aluminum frame construction with insulated glass units featuring solar reflective coating for enhanced energy efficiency and UV protection.

## SCOPE OF WORK

### 1. SITE PREPARATION AND PROTECTION

- Establish safe work zones and install fall protection systems for steep roof access (7/12 to 9/12 pitch)
- Install temporary weather protection and tarping to prevent water intrusion during replacement
- Protect interior spaces below skylights with drop cloths and containment barriers
- Set up debris containment and disposal systems for safe material removal

### 2. REMOVAL OF EXISTING DAMAGED SKYLIGHT SYSTEMS

- Carefully remove eleven (11) existing welded skylight assemblies showing severe deterioration, failed welds, and compromised weather sealing
- Remove two (2) corner skylight units with custom angles requiring specialized fabrication
- Strip and dispose of deteriorated flashing, sealants, and mounting hardware

- Inspect and document roof deck condition; repair any water-damaged sheathing or structural framing
- Remove all debris and prepare openings for new skylight installation per manufacturer specifications

### 3. CUSTOM FABRICATION OF WELDED SKYLIGHT ASSEMBLIES

- Field measure all existing skylight openings to ensure precise custom dimensions for proper fit
- Engineer and fabricate five (5) large welded aluminum skylight assemblies measuring 101" x 36" x 14' each
- Engineer and fabricate four (4) medium welded aluminum skylight assemblies measuring 101" x 36" x 11' each
- Custom fabricate two (2) corner skylight units with compound angles to match existing roof geometry
- All frames constructed from heavy-duty aluminum extrusions with welded corners for superior strength and weather resistance
- Professional TIG welding of all joints to ensure structural integrity and eliminate future failure points
- Install high-performance insulated glass units with solar reflective coating to reduce heat gain and UV damage
- Apply protective finishing to all aluminum surfaces for corrosion resistance and longevity

### 4. INSTALLATION OF NEW SKYLIGHT SYSTEMS

- Transport and hoist large custom skylight assemblies to steep roof location using specialized rigging equipment
- Install new pressure-treated blocking and structural supports as required by building code
- Position and secure each skylight assembly using corrosion-resistant fasteners with proper spacing and penetration depth
- Install custom-fabricated step flashing, counter flashing, and cricket systems to ensure proper water diversion
- Apply continuous waterproof membrane and high-grade sealants at all penetration points
- Integrate new flashing with existing roofing system to maintain manufacturer warranty compliance
- Install condensation management systems including weep holes and drainage channels

### 5. WEATHERPROOFING AND CODE COMPLIANCE

- Install new self-adhering ice and water shield membrane around all skylight perimeters
- Apply elastomeric sealant at all joints, seams, and fastener penetrations
- Ensure all installations meet current International Building Code (IBC) and International Residential Code (IRC) requirements
- Verify proper slope and drainage away from skylight assemblies to prevent ponding water
- Install thermal breaks where required to prevent condensation and energy loss

### 6. QUALITY CONTROL AND TESTING

- Conduct water testing of all skylight installations to verify weather-tight integrity
- Inspect all welds and joints for structural soundness and proper execution
- Verify proper glass installation, glazing, and seal integrity on all units
- Photograph completed installation for warranty documentation and insurance records
- Provide manufacturer warranty documentation and care instructions

### 7. SITE CLEANUP AND FINAL INSPECTION

- Remove all construction debris, packaging materials, and old skylight components from property
- Clean all glass surfaces and remove any installation residue or protective films
- Conduct final walkthrough inspection with property owner
- Dispose of all materials in accordance with local environmental regulations

### SPECIAL CONSIDERATIONS:

- **Steep Roof Premium:** Additional labor and safety equipment required for 7/12 to 9/12 pitch roof access
- **Custom Fabrication:** Non-standard sizes require complete custom manufacturing - no off-the-shelf alternatives available
- **Welded Construction:** Superior durability compared to mechanical fastening, preventing the joint failures evident in existing units
- **Complex Configuration:** Multiple skylight assemblies with corner units requiring precise measurements and custom angles
- **Weather Protection:** Critical coordination required to minimize exposure time during replacement to protect

ESTIMATE BREAKDOWN

Item Description	Quantity	Amount
<b>Welded Skylight Assembly</b> Dimensions: 101" x 36" x 14' Custom solar reflective glass, welded aluminum construction	5	\$12,711.00
<b>Welded Skylight Assembly</b> Dimensions: 101" x 36" x 11' Custom solar reflective glass, welded aluminum construction	4	\$10,308.00
<b>Corner Skylight Assemblies</b> Custom corner units with solar reflective glass	2	\$2,550.00
<b>Welding Labor</b> Professional welding and assembly of all skylight units	1	\$3,000.00
<b>TOTAL ESTIMATE</b>		\$28,569.00

TERMS & CONDITIONS

- This estimate is valid for 30 days from the date listed above
- All skylights are custom-manufactured to order with lead times of 4-6 weeks
- Installation and shipping costs are not included in this estimate
- All products come with manufacturer's warranty
- 50% deposit required upon acceptance of estimate
- Final payment due upon completion of fabrication
- Prices subject to change based on material costs and custom specifications

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Custom Skylight Manufacturing | Residential & Commercial