

January 25, 2012

**St. Leonard Catholic Church
Report - Windows**

During the summer of 2010 our facility was reviewed by Fr. Mike, parishioners, and representatives from the Diocese. From this review a list of maintenance items, or projects was compiled. In the course of these inspections it was discovered that the six tall windows in the worship area were in need of replacement. The frames are wood. The exterior chalking had separated from the window frames and the brick facade allowing water to attack the frames and adjacent wall areas. There was evidence of moisture damage to all six of the tall windows. Parts of the interior frames of the two tall windows in the SE corner are rotted black. Before the interior of the worship area was repainted there was obvious moisture damage to the wall board areas surrounding all 8 windows in the worship area. This indicated that at certain times there had been significant water infiltration around the window frames. Also, the music corner has settled and pulled the four tall corner windows and frames out of square.

After discussing the situation with Fr. Mike, the Parish Advisory Council, and the Parish Finance Committee it appears that we have the following options;

1. **Have the existing windows re-chalked.** ---- The contractor estimated that it would be in the range of \$1000 to 1500.00 to remove the old chalking and re-chalk the 8 windows in the worship area and the 3 in the Education wing. This should prevent any near term moisture damage to the wall board areas around the windows. Although there are signs of rot on some of the tall interior window frames it is obvious that they are not falling out. The re-chalking could buy us several years before any replacement decision would have to be made.
2. **Replacing the existing windows with the same style of clear glass window.** ---- A local contractor and representative of the window's manufacture (Hurd Mfg.) looked at the windows. After examining the windows, the Hurd representative felt that, due to the signs of the interior moisture damage to the windows and adjacent wall areas, it could be expected that the casings of at least the 6 tall windows had extensive problems. He recommended that the 6 tall windows in the worship area be replaced. From this meeting came a quote of \$20,500.00 to replace the six tall windows with new "Hurd Aluminum Clad Wood Windows" and re-chalk the other two shorter windows and those in the education wing. The style and color of the new windows would match the old ones as close possible. ---- Note: During this meeting there was not any discussion of alternative window frame materials. There may be other options. However, it is felt that the figure quoted would be in the ballpark of any other frame material or manufacture selected.

3. **Stained glass windows.** ---- Over the years some parishioners have expressed the opinion that the addition of stained glass windows would enhance the spirituality or our worship area. During the discussions leading to our "Visions Twenty-Eleven" project stained glass windows were on the wish list. After doing some preliminary research this item, due to its apparent cost, was tabled until it could be reviewed at a later date.

After the discovery of the moisture damage to the worship area windows the question was asked; "If we are going to have to spend a sum of money this size, how much would stained glass windows cost?" It was decided to look into the cost of stained glass windows more closely. Using the internet and other sources a list of vendors that made stained glass windows for churches was compiled. The criteria for selection was; a reasonable travel distance and an effort to ascertain reliability. Also, we not only need just stained glass windows, but, the casings and the entire window assembly, and a vendor that is going to take out the old ones and install the new ones. Drawings, measurements, and photographs were provided. Out of a list of ten we had three replies. They are listed at the end of this report.

If we were to undertake the installation of stained glass windows we may have the following options;

- a. **Sponsoring of an individual window.** ---- An individual, family, or group could sponsor a window, or windows. The window would have a plaque, or insert, identifying the window's sponsor. IE; in memory of, the family of, the name of the group, etc. From the quotes received it appears that one could expect a cost of \$7500 to \$8800.00 per window.
 - i. If we ended up with X number of windows sponsored, and Y number of windows left over, some plan would have to be formulated to fund the remained windows.
 - ii. Possibly the four corner windows in the music area could be done first, leaving the other four for later.
- b. **Loan** ---- With the approval of the parishioners and the Diocese the parish would seek a loan from a local bank to cover the cost of installing all 8 windows. With the current interest rates one could expect to see a monthly payment in the neighborhood of \$350.00 per month (\$4200/year) for a 30-year loan or \$425.00 per month (\$5100/year) for a 20-year loan.
- c. **Combining "a" and "b"** ---- Some form of paying for the installation of all of the windows via a loan and having Individuals, families, or groups subscribe to an individual window or the overall project.

Parish Advisory Council: Fr. Michael Reis, Deacon Larry Wilson, Ron Jones, Lorraine Lohri, Tonia May, Stephanie Smith, Susie Sherrard.

Parish Finance Committee: Nello Allori, Theresa Giles, Chad Gummer, Al Smith, John Stephens.

Azure Stained Glass Studio

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Cleveland, Ohio 44110
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8 /2 /2011Mary Zodnik

Notes for 8/2/2011 Quote -----

GENERAL OVERVIEW:

We are providing three separate quotations for your consideration.

- **OPTION 1** involves removal of existing windows and frames; installation of triple-glazed all-aluminum frames (painted finish T.B.D.); installation of sealed thermal-units to the exterior; and design, fabrication, and installation of 8 leaded glass windows (22 panels) to the interior.
- **OPTION 2** involves using the existing frames and glass-refurbishing the existing wood frames as needed; design, fabrication, and installation of 8 leaded glass windows (22 panels) to the interior of existing frames.
- **OPTION 3** involves a separate contractor selected by the church installing new frames; our studio would design, fabricate, and install the leaded glass panels into these newly installed frames.

Notes regarding the options:

In all cases, leaded glass panels would be constructed of premium-grade lead came and solder; glass would be 'full-antique' (highest quality, German-made blown/annealed sheets) Design would be described as 'contemporary' with open, connected rhythms of line and color between panels. Photos on our website under "Ecclesiastical - New Work" show examples of similar past projects.

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\$43,850.00

OPTION 3:

- (New frames installed by another company)
- New windows sized and templates taken for fabrication of leaded glass
- 8 Leaded glass windows (22 panels) designed and fabricated
- Leaded windows installed into new frames

COST OPTION 3:----- \$43,850.

8 /2 /2011Mary Zodnik **\$51,450.00**

OPTION 2:

- Existing windows treated as needed with Abitron Wood-Epoxy resin
- Existing windows filled, primed, sealed, painted
- 8 Leaded glass windows (22 panels) designed and fabricated
- Leaded windows installed into refurbished existing frames

COST OPTION 2: ----- \$51,450.

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OPTION 1:

- Existing windows sized and templates taken for frame order
- 8 Frames fabricated to specifications
- 22 Thermal units fabricated
- Existing frames and windows removed
- New frames installed
- Exterior thermal units installed
- 8 Leaded glass windows (22 panels) designed and fabricated
- Leaded windows installed into new frames

COST OPTION 1: \$67,750.

Columbus Diocese

8 /25/2010Pat Davis **\$0.00**

Pat Davis will be contacting Associated Crafts in Iowa to have their local representative stop by the church.

- Never heard a word from anyone.

Franklin Art Glass

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222 East Sycamore Street
Columbus, Ohio 43206-2198

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garrettp@franklinartglass.com

Franklin Art Glass
9 /1 /2011 Garrett M. Pilarski **\$66,900.00**

Concerning the "points to consider" indicated below:

- Item #1 - I propose ventilators that will project out at the bottom. These will include screens mounted on the interior. These are double weather stripped, very nice units.
- Item #2 - contemporary design for the new stained glass, no problem.
- Item #3 - added design elements in the music area, no problem.
- Item #4 - the new stained glass panels will be in the "dry-air space" of insulated units. We use a desiccant filled aluminum spacer and a two part urethane seal.
- Item #5 - I suggest you use our aluminum frame system with an integral thermal break. This system all but eliminates recurring maintenance issues. No possibility of rust, rot or painting.
- Item #6/#7 - our proposal will include removal of the existing glass/sash/frames and installation of the new frames/glass. Our crews are well versed in this type of work.

Based on the information/images provided, I feel we can design, fabricate and install insulated stained glass and frames for eight openings somewhere in the range of \$66,900.00.

Full Spectrum Stained Glass, Inc

Valerie J. McCartney
31323 Colon Road
Colon, Michigan 49040
(269) 432-2610
fssgi@aol.com

7 /21/2011 Valerie J. McCartney

Notes on 7/21/2011 Quote -----

1. Subcontractors will not be used as the entire project will be performed by Full Spectrum Stained Glass, Inc.
2. Full Spectrum Stained Glass, Inc. will provide a five year warranty on material and workmanship.
3. The cost included for stained glass design and fabrication is based on designs similar in style and intricacy to those pictured on page 1.
4. Custom designs will be created after meeting with stewards of St. Leonard's Catholic Church.
5. If you are interested in contracting Full Spectrum Stained Glass, Inc. to provide the aforementioned services, we will arrange a site visit at no cost, to assist you in the determination of the stained glass design and the actual scope of work. After this we will provide a formal detailed proposal for contracted work agreed upon.
6. All inclusive conjectural cost (listed by choice of frame option) follows.

OPTION 3 --- 7 /21/2011	Valerie J. McCartney	\$73,500.00
EIGHT STAINED GLASS WINDOWS WITH FRAME		
Thermally Broken Triple Glazed Frame		
1" Insulated Glass Unit on Exterior		
Stained Glass Panels on Interior		
Frame Option 3 Conjectural Cost \$73,500.00		
OPTION 2 ---- 7 /21/2011	Valerie J. McCartney	\$69,200.00
EIGHT STAINED GLASS WINDOWS WITH FRAME		
Double Glazed Frame		
Vented ¼" Clear Laminate Glass on Exterior		
Stained Glass Panels on Interior		
Frame Option 2 Conjectural Cost \$69,200.00		
OPTION 1 ---- 7 /21/2011	Valerie J. McCartney	\$58,700.00
EIGHT STAINED GLASS WINDOWS WITH FRAME		
Single Glazed Frame		
Stained Glass Panels Only		

Frame Option 1 Conjectural Cost \$58,700.00

John Henney

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Possible private contractor.

After talking to several vendors and doing some research on the net it appears that there are three levels of church stained glass;

- Contemporary Stained Glass Window: \$250 to \$300 per square foot (non-hand-painted)
- Traditional Stained Glass Window: \$250 to \$500 per square foot (non-hand-painted)
- Traditional Stained Glass Window: \$850 to \$900 per square foot (hand-painted)

Our facility is modern in nature. When requesting the quotes the vendors were asked to consider a contemporary style. The design should be such that it would flow from windows to window. They were asked to also consider the possibility that some of the windows would include some sort of symbol or religious design in the top panel. IE; cross, dove, cup, etc. There made be other vendors capable of doing this project. If we decide to pursue this project the vender, or vendors, would provide us with a host of design ideas to choose from.

Below are some rough drawings that were created using a very basic paint program to cut, stretch, and past designs from pictures of stained glass windows into a layout of our 8 widows. There are only provided to serve as though provokers.





